

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069661.D
 Acq On : 29 Nov 2021 13:20
 Operator : JC/MD
 Sample : VN1129MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:16:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1119732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1820513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1690606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	680375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	815160	50.208	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.420%	
35) Dibromofluoromethane	8.021	113	568482	52.065	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.140%	
50) Toluene-d8	10.440	98	2176618	50.686	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.731	95	776551	49.225	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	185734	15.526	ug/l	98
3) Chloromethane	2.306	50	204363	14.731	ug/l	100
4) Vinyl Chloride	2.448	62	208799	15.031	ug/l	100
5) Bromomethane	2.861	94	129730	14.380	ug/l	99
6) Chloroethane	3.025	64	134560	14.351	ug/l	99
7) Trichlorofluoromethane	3.379	101	313346	14.595	ug/l	98
8) Diethyl Ether	3.827	74	122281	17.604	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	181312	17.928	ug/l	96
10) Methyl Iodide	4.422	142	202525	16.327	ug/l	97
11) Tert butyl alcohol	5.374	59	214784	73.416	ug/l	98
12) 1,1-Dichloroethene	4.181	96	156016	17.191	ug/l	93
13) Acrolein	4.044	56	31226	70.629	ug/l #	51
14) Allyl chloride	4.846	41	354612	17.673	ug/l	93
15) Acrylonitrile	5.557	53	668884	89.281	ug/l	99
16) Acetone	4.288	43	777689	88.780	ug/l	97
17) Carbon Disulfide	4.529	76	286416	13.351	ug/l	99
18) Methyl Acetate	4.859	43	492777	17.306	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	713993	18.590	ug/l	95
20) Methylene Chloride	5.095	84	211447	17.023	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	169214	16.693	ug/l	88
22) Diisopropyl ether	6.498	45	815554	18.869	ug/l	94
23) Vinyl Acetate	6.434	43	3040646	90.957	ug/l	95
24) 1,1-Dichloroethane	6.388	63	403298	18.319	ug/l	98
25) 2-Butanone	7.337	43	1038974	87.593	ug/l	92
26) 2,2-Dichloropropane	7.329	77	316125	18.353	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	226498	18.025	ug/l	87
28) Bromochloromethane	7.657	49	257040	22.799	ug/l #	80
29) Tetrahydrofuran	7.686	42	626501	86.069	ug/l	89
30) Chloroform	7.820	83	420609	18.636	ug/l	98
31) Cyclohexane	8.094	56	358457	16.161	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	342681	18.190	ug/l	96
36) 1,1-Dichloropropene	8.220	75	274189	17.899	ug/l	97
37) Ethyl Acetate	7.415	43	387251	18.701	ug/l #	93
38) Carbon Tetrachloride	8.204	117	276958	18.727	ug/l	98
39) Methylcyclohexane	9.459	83	314994	16.530	ug/l	90
40) Benzene	8.458	78	868361	18.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	204382	19.102	ug/l #	89
42) 1,2-Dichloroethane	8.528	62	355663	19.210	ug/l	97
43) Isopropyl Acetate	8.560	43	618052	18.582	ug/l #	94
44) Trichloroethene	9.215	130	208688	18.442	ug/l	91
45) 1,2-Dichloropropane	9.491	63	247977	19.630	ug/l	98
46) Dibromomethane	9.577	93	158584	18.742	ug/l	93
47) Bromodichloromethane	9.762	83	313222	19.837	ug/l	98
48) Methyl methacrylate	9.558	41	281371	17.981	ug/l	89
49) 1,4-Dioxane	9.569	88	86420	306.847	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2023206	94.240	ug/l	95
52) Toluene	10.505	92	553393	18.787	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	311882	17.855	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	344577	17.993	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	234409	19.741	ug/l	97
56) Ethyl methacrylate	10.760	69	359379	17.454	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	406742	19.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	520567	105.004	ug/l	91
59) 2-Hexanone	11.084	43	1398896	82.663	ug/l	93
60) Dibromochloromethane	11.237	129	218150	18.347	ug/l	100
61) 1,2-Dibromoethane	11.344	107	226178	17.771	ug/l	98
64) Tetrachloroethene	10.977	164	198142	19.410	ug/l	93
65) Chlorobenzene	11.771	112	590272	18.758	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	217968	19.970	ug/l	99
67) Ethyl Benzene	11.843	91	1064662	18.344	ug/l	96
68) m/p-Xylenes	11.953	106	777752	36.437	ug/l	93
69) o-Xylene	12.280	106	389418	18.300	ug/l	92
70) Styrene	12.294	104	618316	17.212	ug/l	96
71) Bromoform	12.457	173	145120	17.690	ug/l #	98
73) Isopropylbenzene	12.578	105	1025351	18.928	ug/l	98
74) N-amyl acetate	12.388	43	381160	16.603	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	350164	19.165	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	292674m	18.640	ug/l	
77) Bromobenzene	12.860	156	236598	19.097	ug/l	82
78) n-propylbenzene	12.921	91	1144263	18.772	ug/l	96
79) 2-Chlorotoluene	13.007	91	717244	19.004	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	837091	19.114	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	74560	18.286	ug/l	86
82) 4-Chlorotoluene	13.104	91	668254	18.574	ug/l	94
83) tert-Butylbenzene	13.324	119	748408	19.501	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	808633	19.126	ug/l	98
85) sec-Butylbenzene	13.501	105	1005923	18.764	ug/l	97
86) p-Isopropyltoluene	13.616	119	792606	18.624	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	396104	18.441	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	383077	18.179	ug/l	97
89) n-Butylbenzene	13.943	91	607126	17.107	ug/l	98
90) Hexachloroethane	14.209	117	133177	18.451	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	388012	18.984	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55305	17.493	ug/l	75
93) 1,2,4-Trichlorobenzene	15.263	180	154513	16.643	ug/l	98
94) Hexachlorobutadiene	15.370	225	109892	20.692	ug/l	99
95) Naphthalene	15.507	128	356016	15.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	146755	16.591	ug/l	98

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Instrument :
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ClientSampleId :
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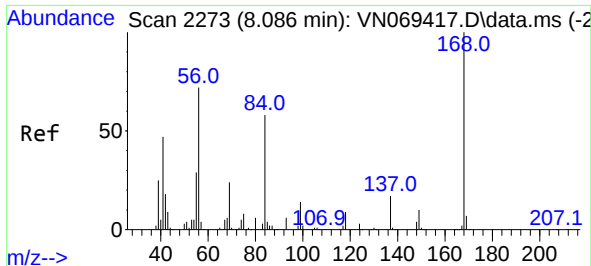
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:16:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

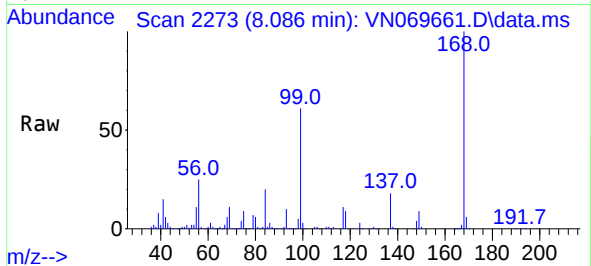
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

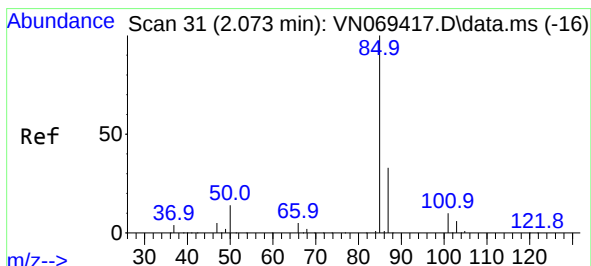
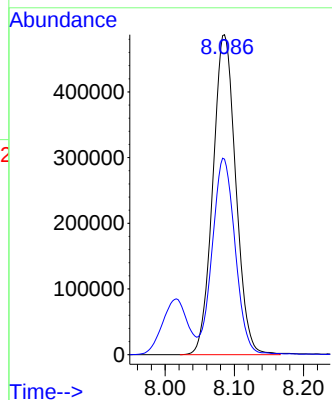
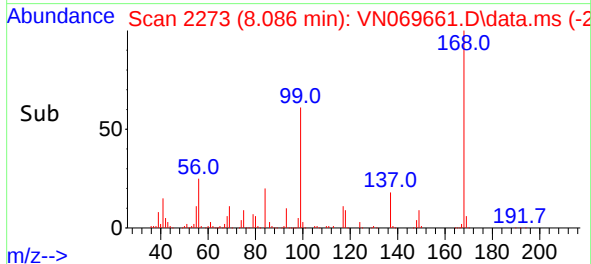
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion:168 Resp: 111973
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

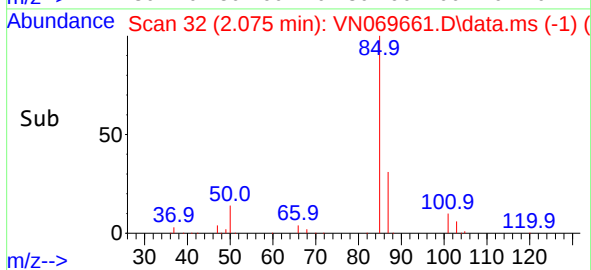
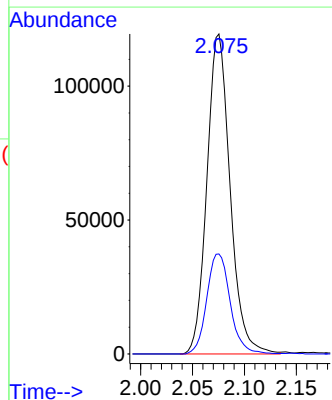
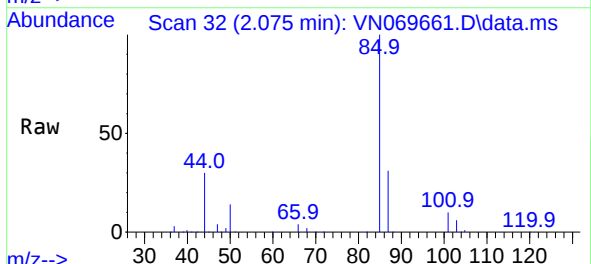
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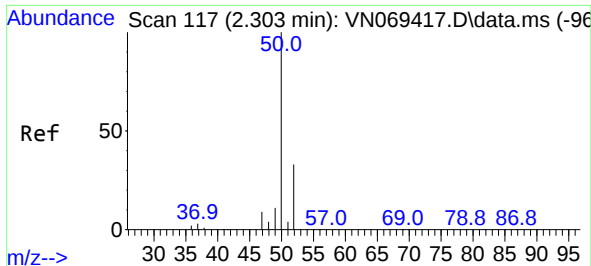
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#2
Dichlorodifluoromethane
Concen: 15.526 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 85 Resp: 185734
Ion Ratio Lower Upper
85 100
87 31.2 16.3 48.9





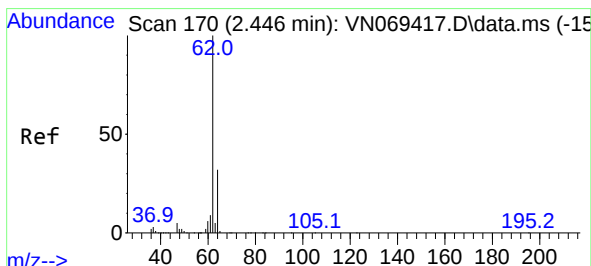
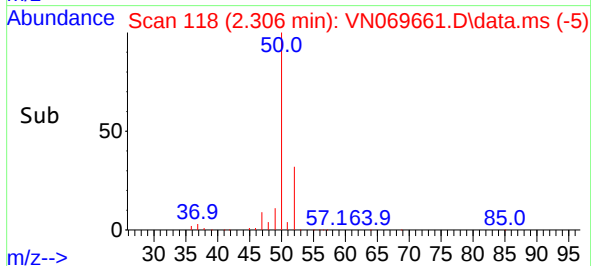
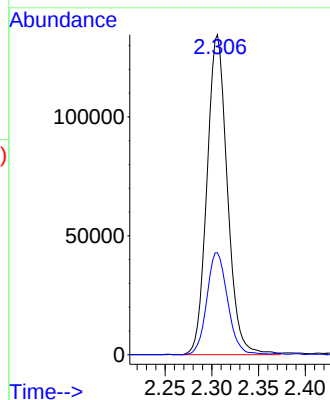
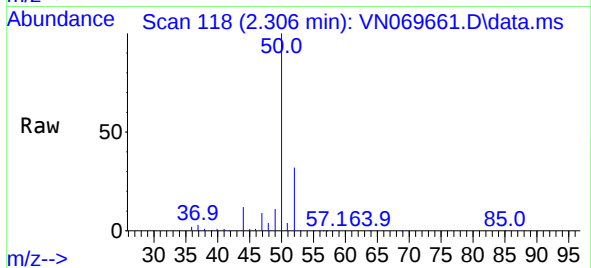
#3
Chloromethane
Concen: 14.731 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

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Tgt Ion: 50 Resp: 20436
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

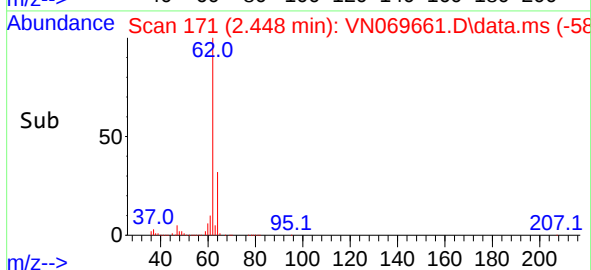
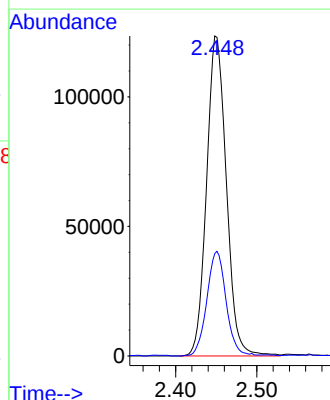
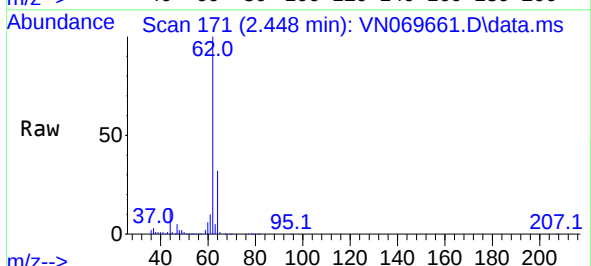
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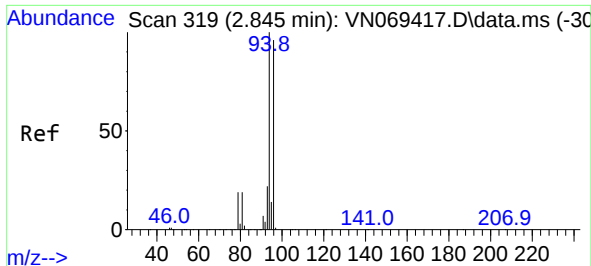
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#4
Vinyl Chloride
Concen: 15.031 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

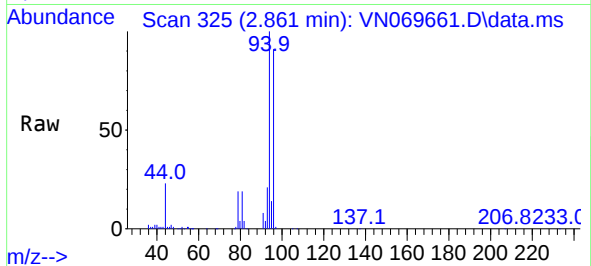
Tgt Ion: 62 Resp: 208799
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 14.380 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

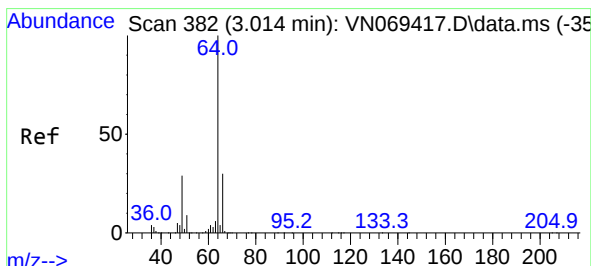
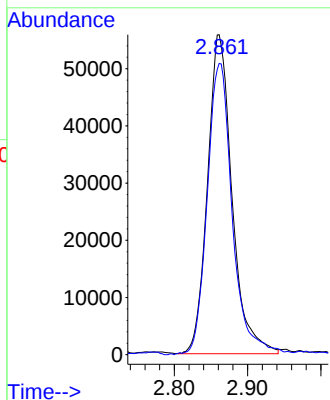
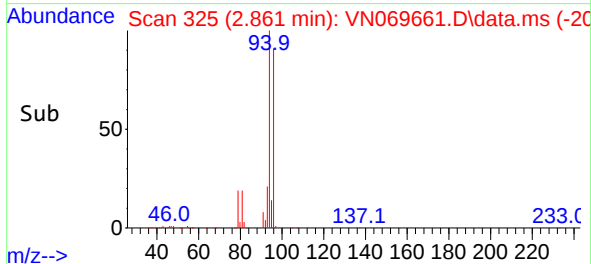
Instrument :
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Tgt Ion: 94 Resp: 129730
Ion Ratio Lower Upper
94 100
96 90.9 73.8 110.8

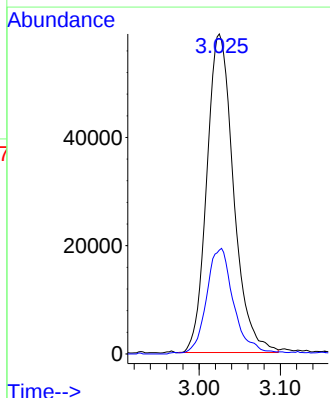
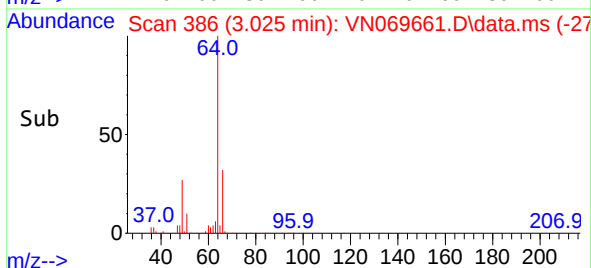
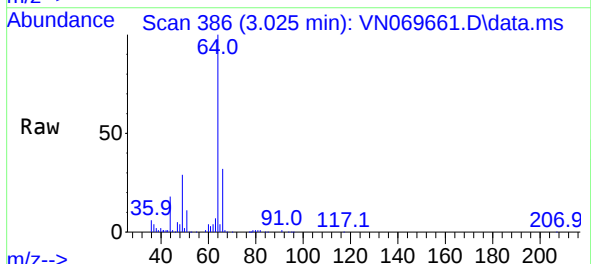
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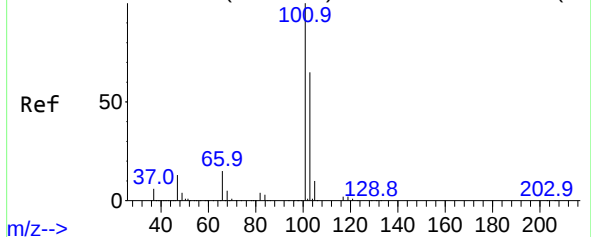


#6
Chloroethane
Concen: 14.351 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.011 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 64 Resp: 134560
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5



Abundance Scan 515 (3.371 min): VN069417.D\data.ms (-48



#7

Trichlorofluoromethane

Concen: 14.595 ug/l

RT: 3.379 min Scan# 51

Delta R.T. 0.008 min

Lab File: VN069661.D

Acq: 29 Nov 2021 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion:101 Resp: 313340

Ion Ratio Lower Upper

101 100

103 61.1 50.1 75.1

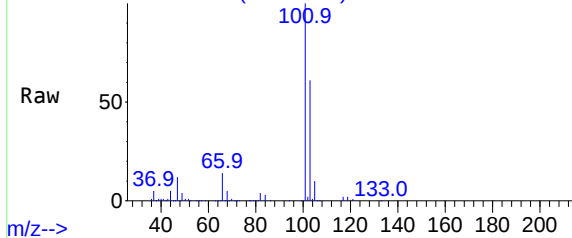
Manual Integrations

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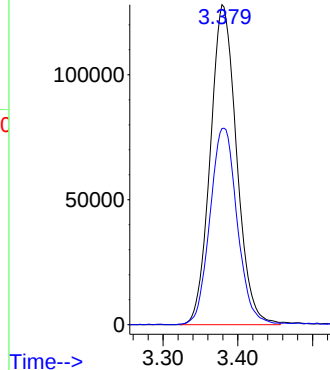
Reviewed By :John Carlone 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021

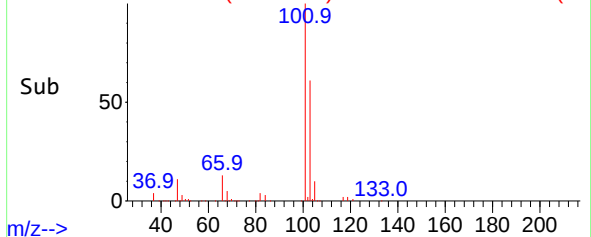
Abundance Scan 518 (3.379 min): VN069661.D\data.ms



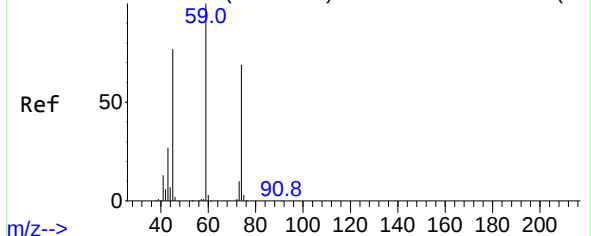
Abundance



Abundance Scan 518 (3.379 min): VN069661.D\data.ms (-40



Abundance Scan 683 (3.821 min): VN069417.D\data.ms (-66



#8

Diethyl Ether

Concen: 17.604 ug/l

RT: 3.827 min Scan# 685

Delta R.T. 0.006 min

Lab File: VN069661.D

Acq: 29 Nov 2021 13:20

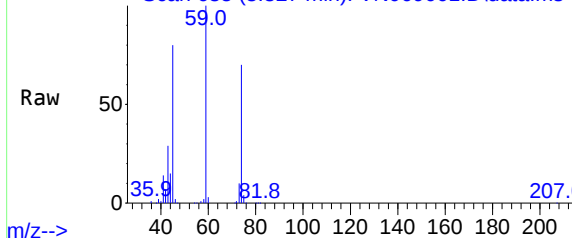
Tgt Ion: 74 Resp: 122281

Ion Ratio Lower Upper

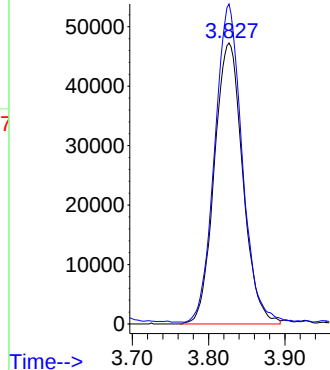
74 100

45 108.9 47.0 141.2

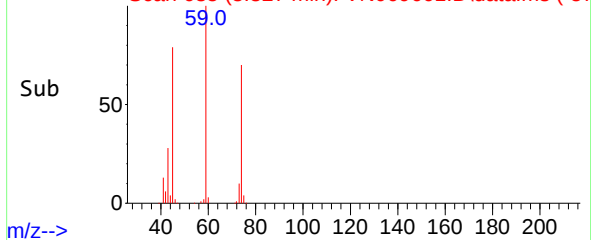
Abundance Scan 685 (3.827 min): VN069661.D\data.ms

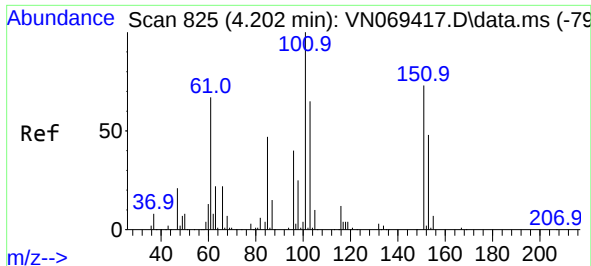


Abundance



Abundance Scan 685 (3.827 min): VN069661.D\data.ms (-57





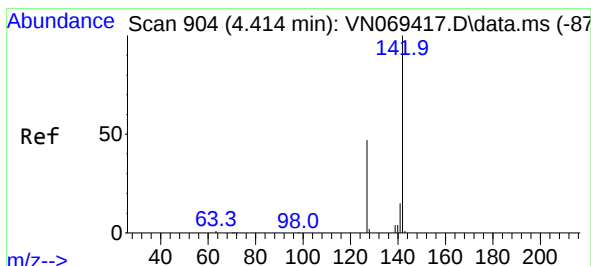
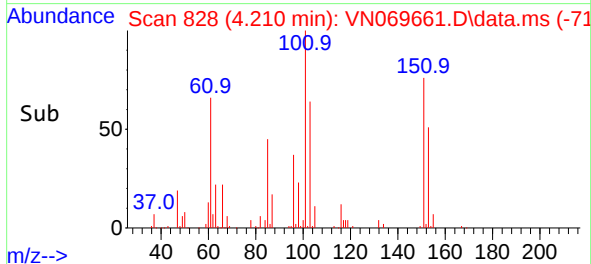
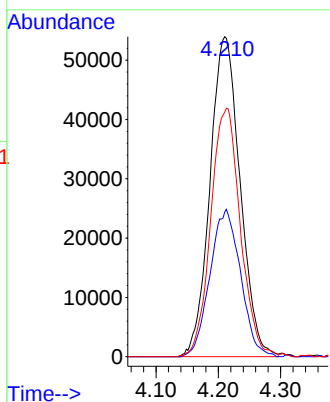
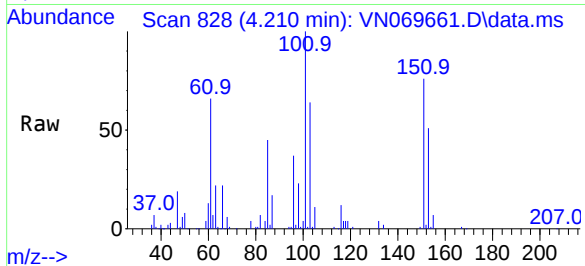
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.928 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:101 Resp: 18131
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 76.3 65.9 98.9

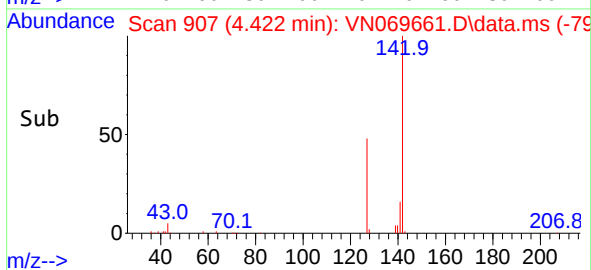
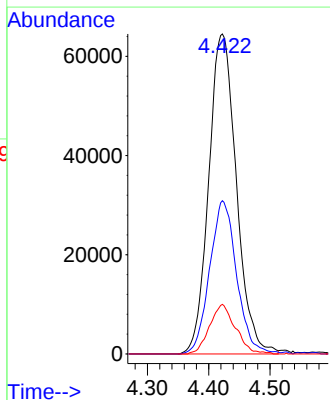
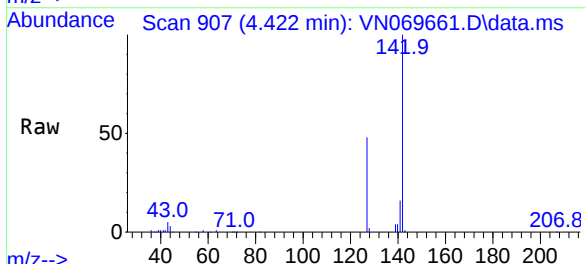
Manual Integrations
APPROVED

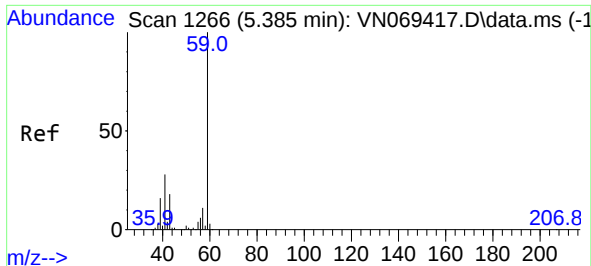
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#10
Methyl Iodide
Concen: 16.327 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

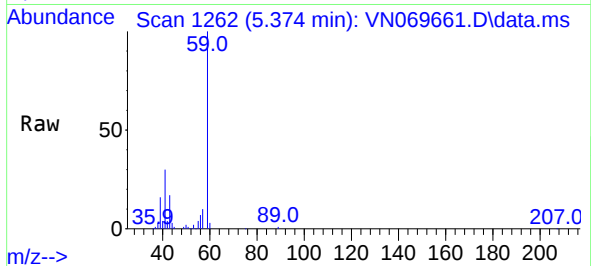
Tgt Ion:142 Resp: 202525
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 73.416 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

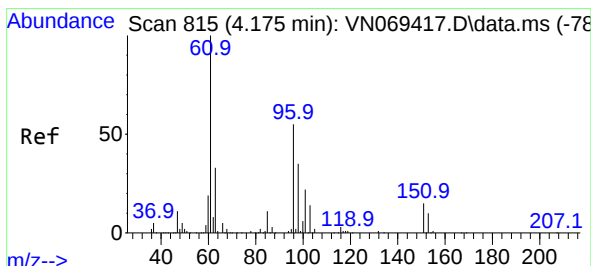
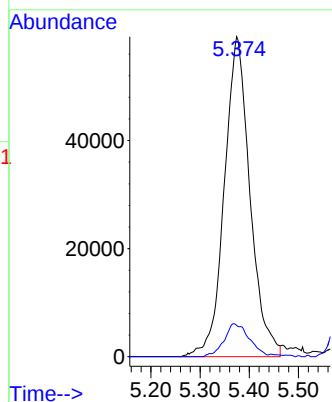
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 59 Resp: 214784
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

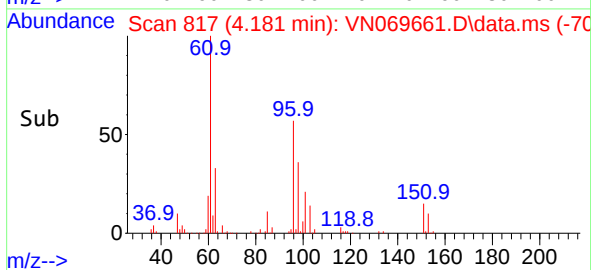
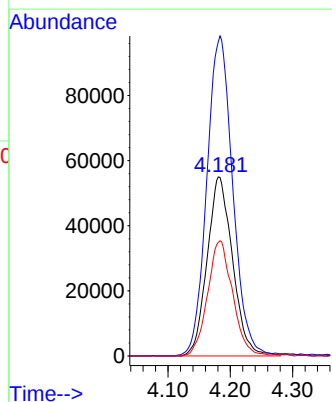
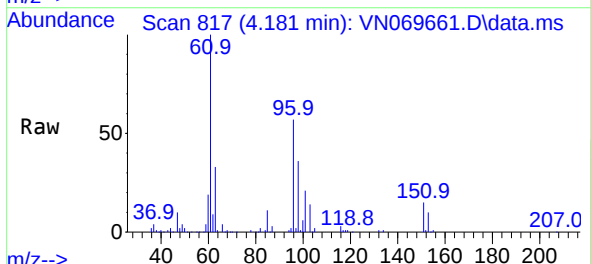
Manual Integrations
APPROVED

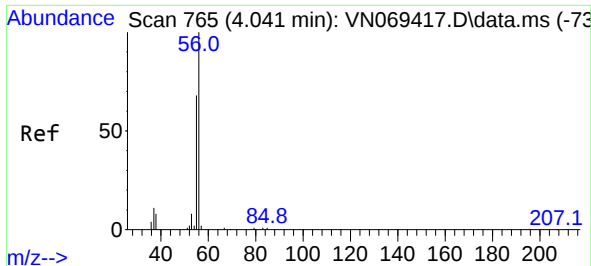
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#12
1,1-Dichloroethene
Concen: 17.191 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

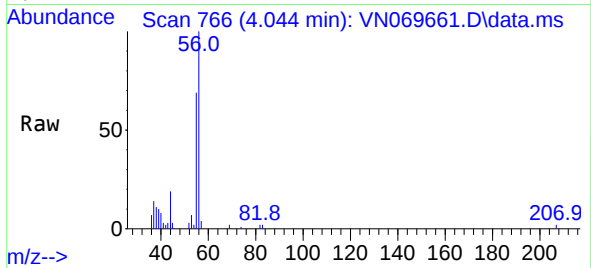
Tgt Ion: 96 Resp: 156016
Ion Ratio Lower Upper
96 100
61 174.9 131.0 196.6
98 63.4 52.4 78.6





#13
Acrolein
Concen: 70.629 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

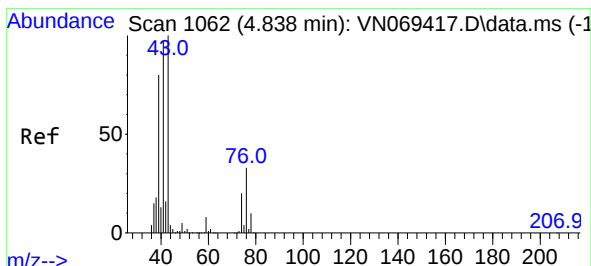
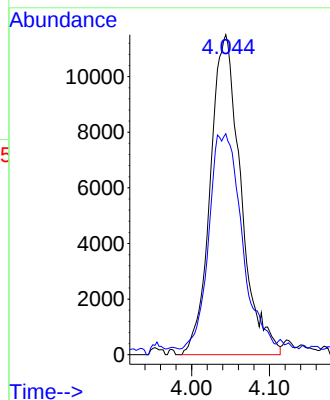
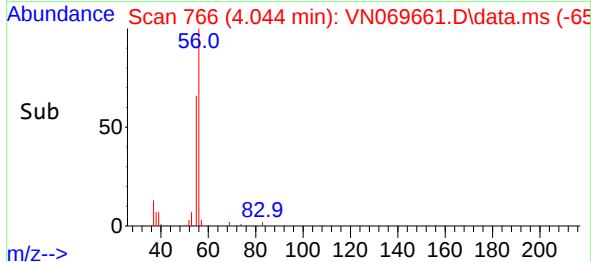
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



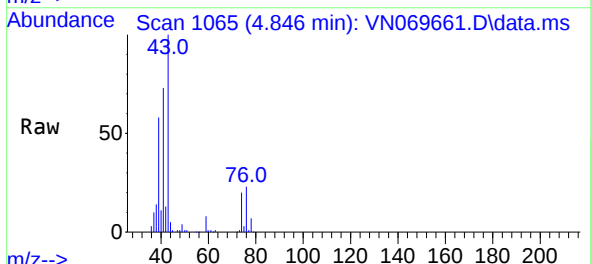
Tgt Ion: 56 Resp: 31220
Ion Ratio Lower Upper
56 100
55 30.2 56.6 85.0

Manual Integrations
APPROVED

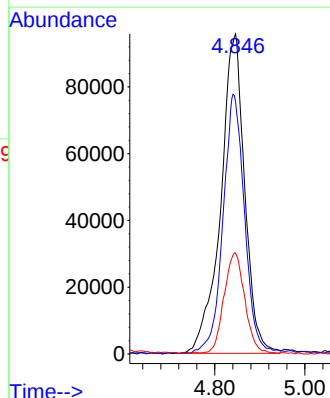
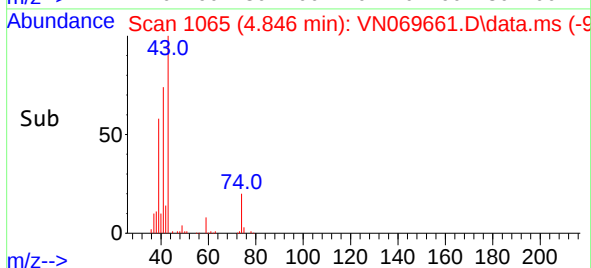
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

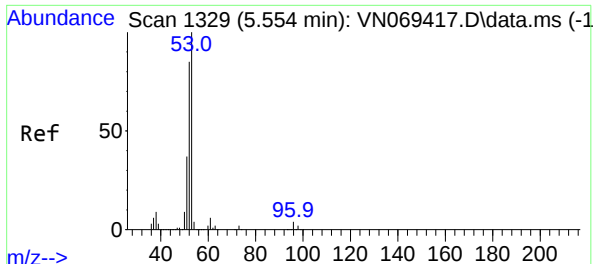


#14
Allyl chloride
Concen: 17.673 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.008 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



Tgt Ion: 41 Resp: 354612
Ion Ratio Lower Upper
41 100
39 72.0 61.2 91.8
76 26.8 26.0 39.0





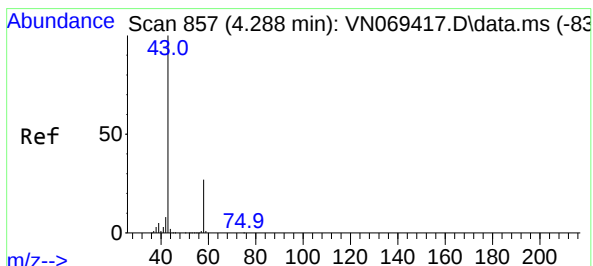
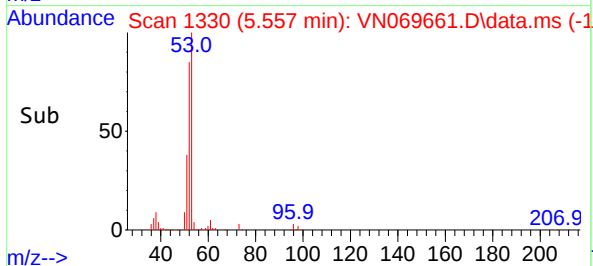
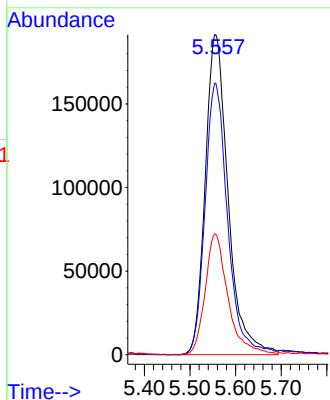
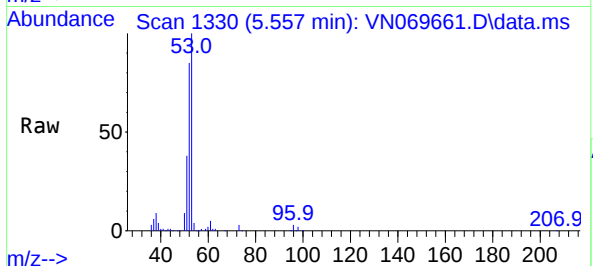
#15
Acrylonitrile
Concen: 89.281 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 53 Resp: 668884
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 37.7 29.6 44.4

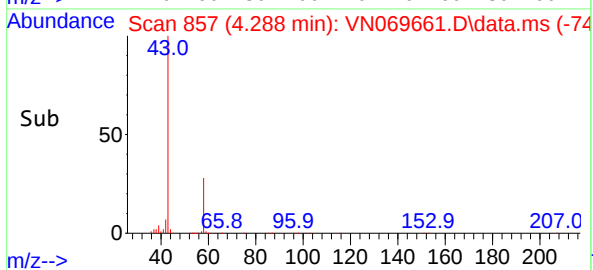
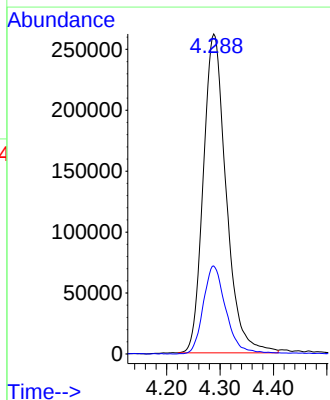
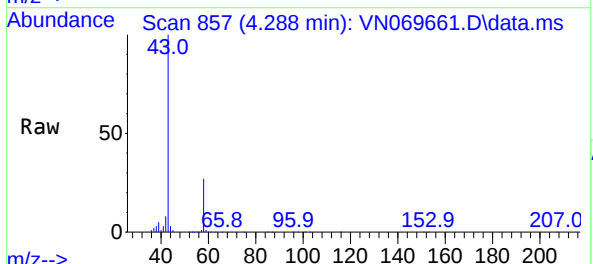
Manual Integrations
APPROVED

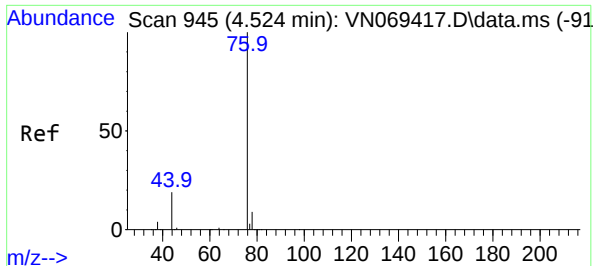
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#16
Acetone
Concen: 88.780 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 43 Resp: 777689
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7





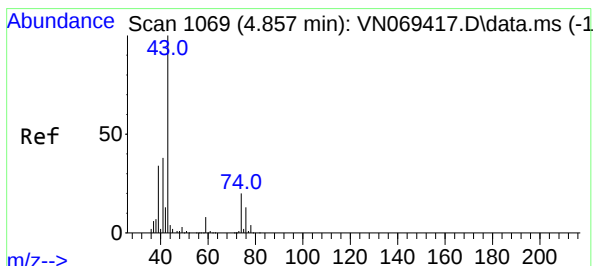
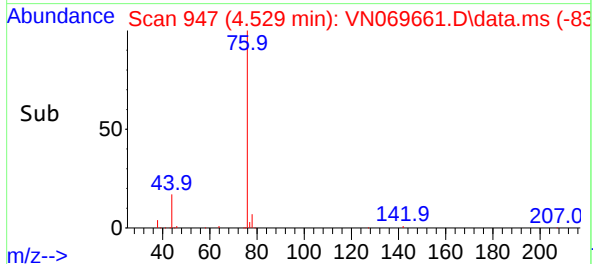
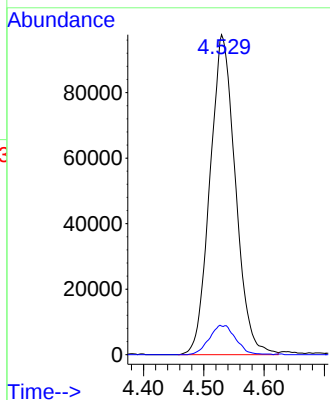
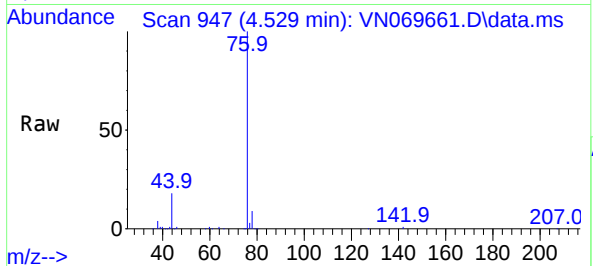
#17
Carbon Disulfide
Concen: 13.351 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 76 Resp: 286410
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

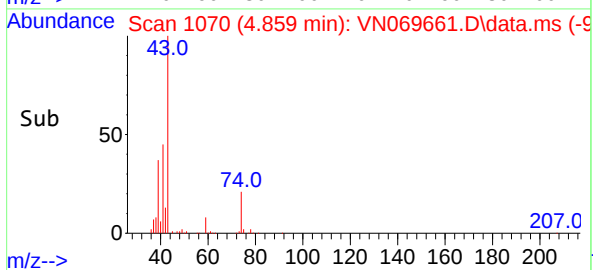
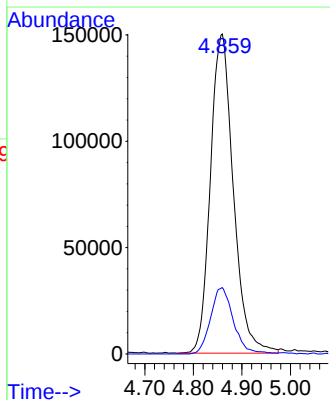
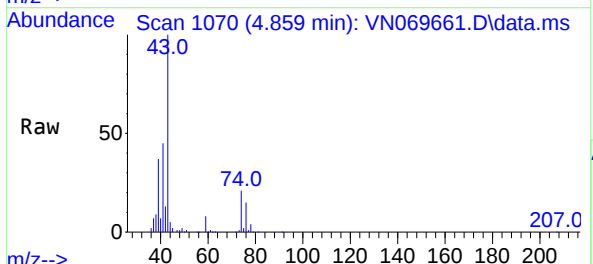
Manual Integrations
APPROVED

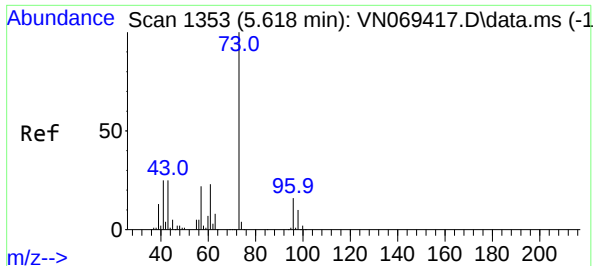
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#18
Methyl Acetate
Concen: 17.306 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

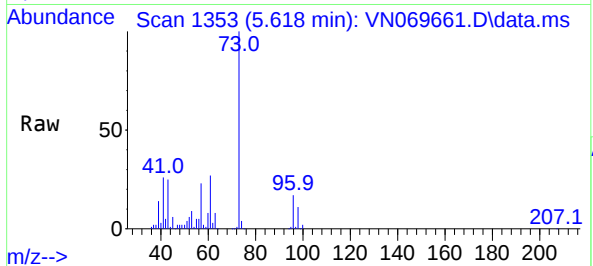
Tgt Ion: 43 Resp: 492777
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.590 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

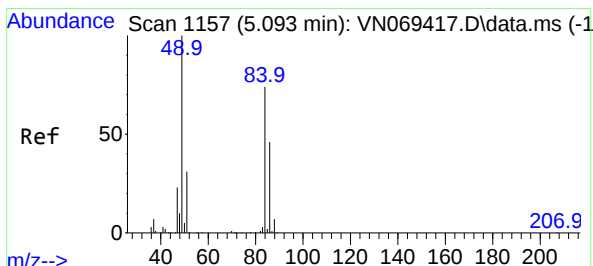
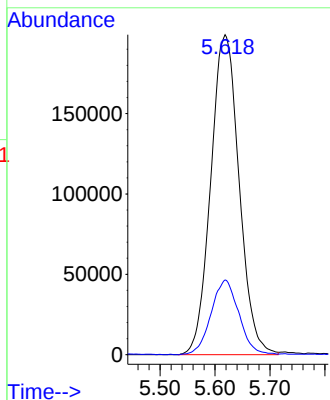
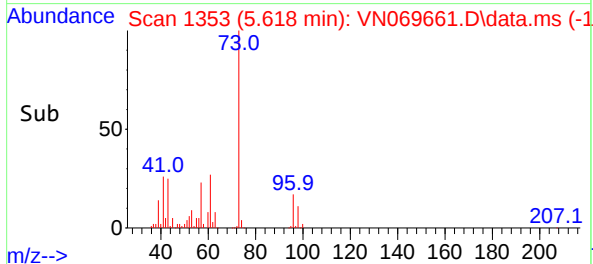
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 73 Resp: 71399
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

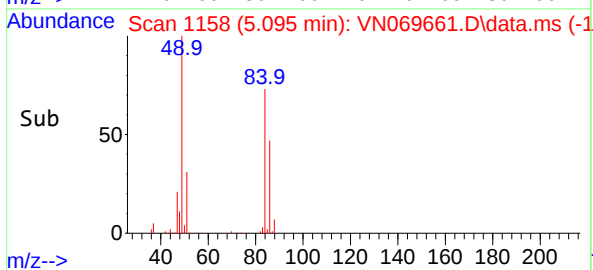
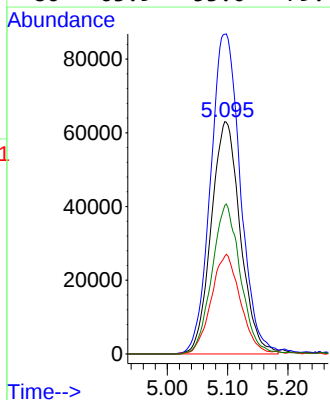
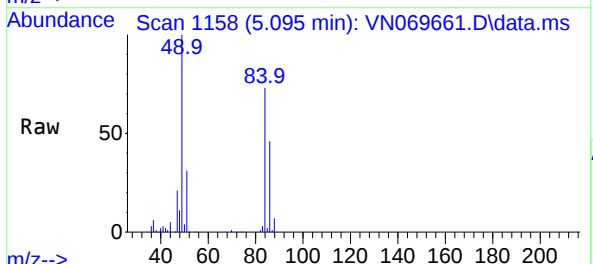
Manual Integrations
APPROVED

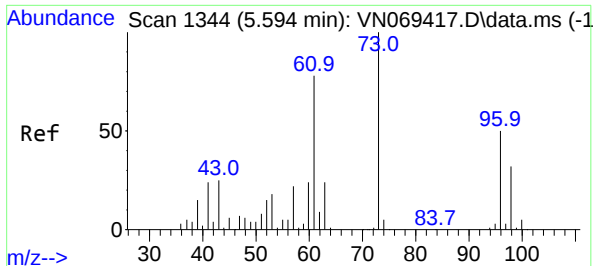
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#20
Methylene Chloride
Concen: 17.023 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

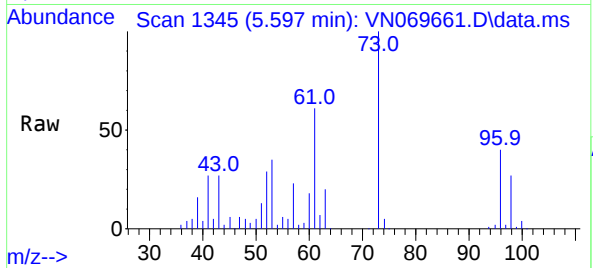
Tgt Ion: 84 Resp: 211447
Ion Ratio Lower Upper
84 100
49 137.3 93.5 140.3
51 42.0 29.4 44.2
86 63.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 16.693 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

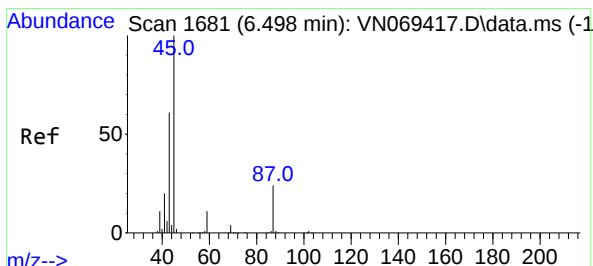
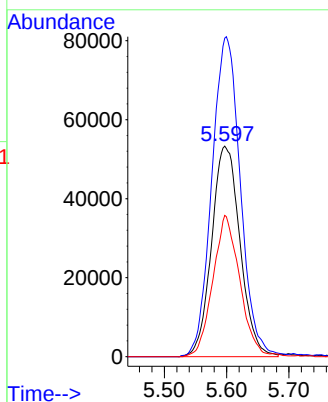
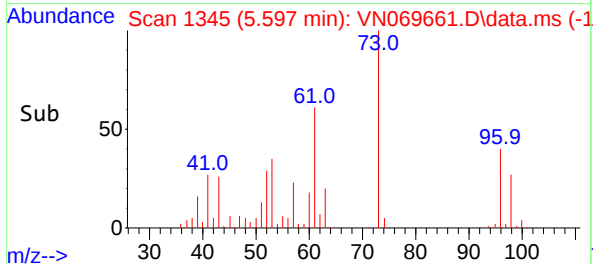
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 96 Resp: 169214
Ion Ratio Lower Upper
96 100
61 151.3 105.8 158.6
98 67.1 52.0 78.0

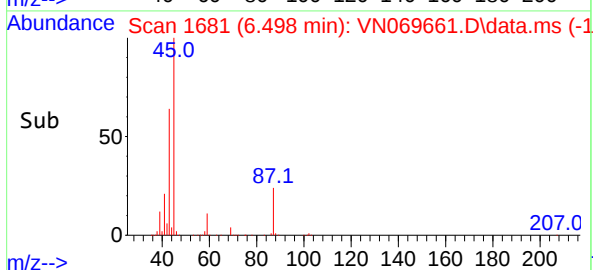
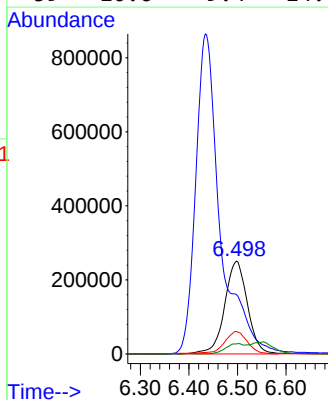
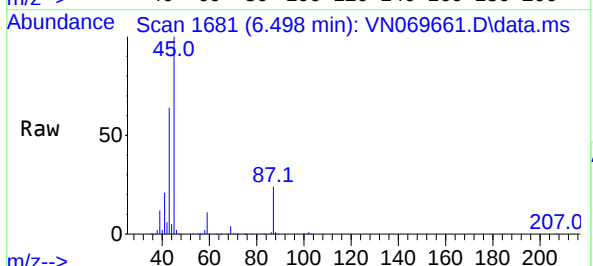
Manual Integrations
APPROVED

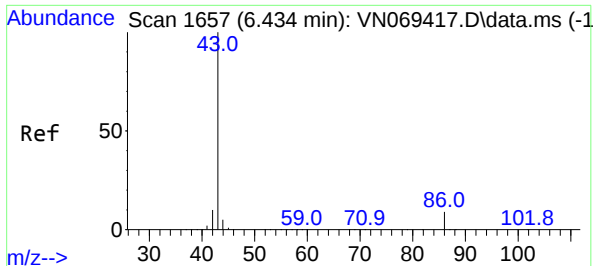
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#22
Diisopropyl ether
Concen: 18.869 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 45 Resp: 815554
Ion Ratio Lower Upper
45 100
43 61.0 51.7 77.5
87 23.9 23.2 34.8
59 10.6 9.4 14.0





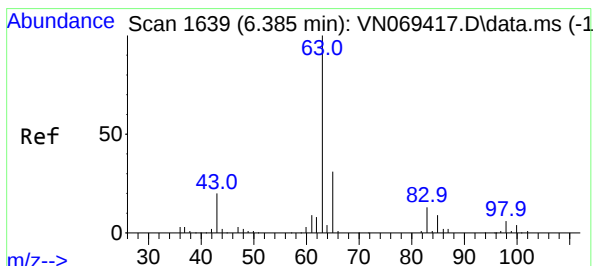
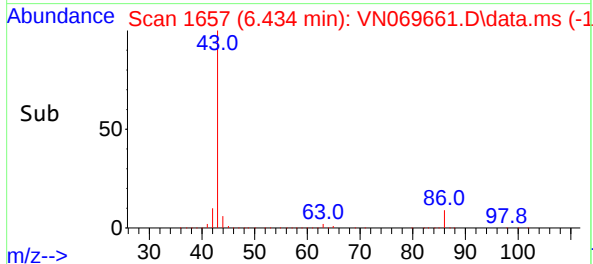
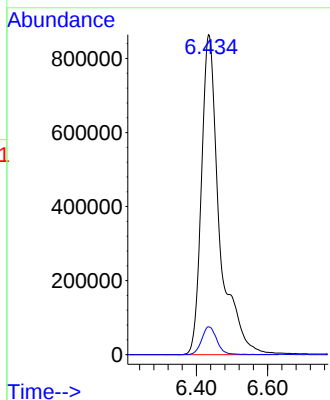
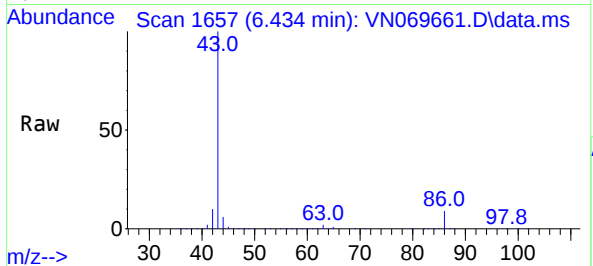
#23
 Vinyl Acetate
 Concen: 90.957 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN069661.D
 Acq: 29 Nov 2021 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Tgt Ion: 43 Resp: 3040640
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

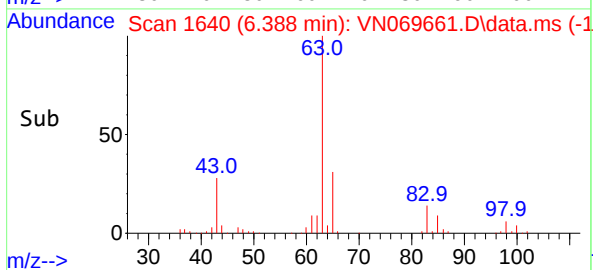
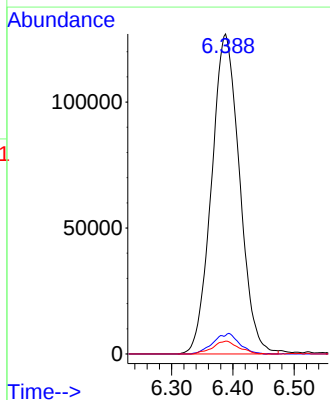
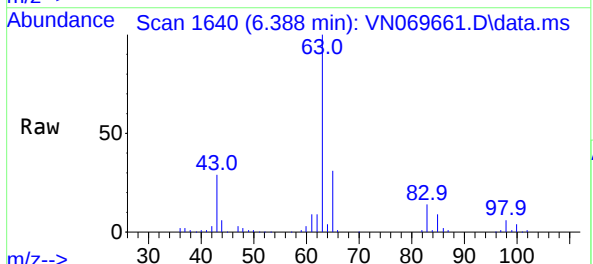
Manual Integrations
 APPROVED

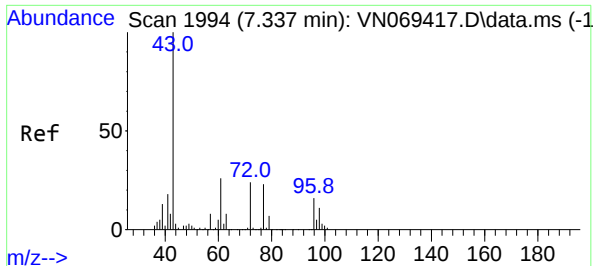
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#24
 1,1-Dichloroethane
 Concen: 18.319 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069661.D
 Acq: 29 Nov 2021 13:20

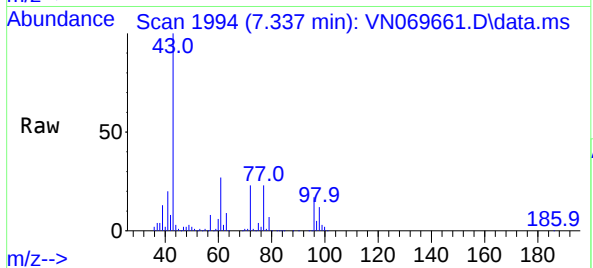
Tgt Ion: 63 Resp: 403298
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 87.593 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

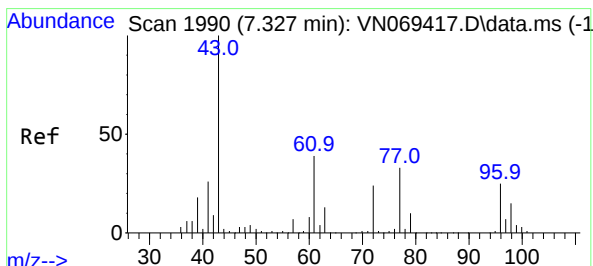
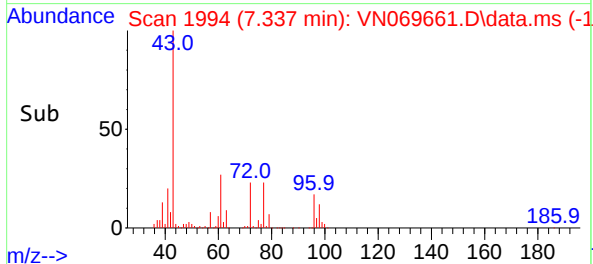
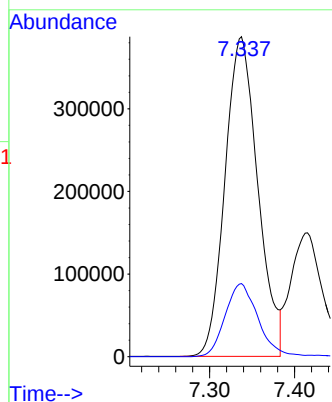
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 43 Resp: 1038974
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5

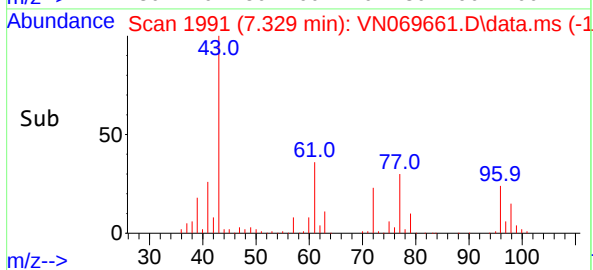
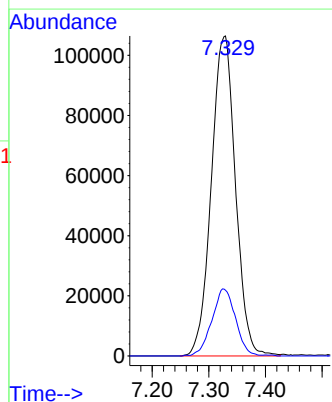
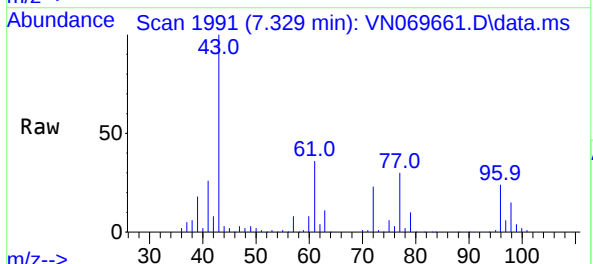
Manual Integrations
APPROVED

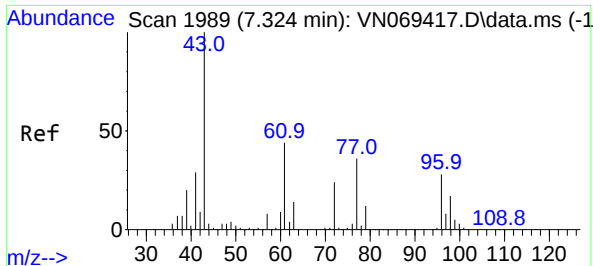
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#26
2,2-Dichloropropane
Concen: 18.353 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

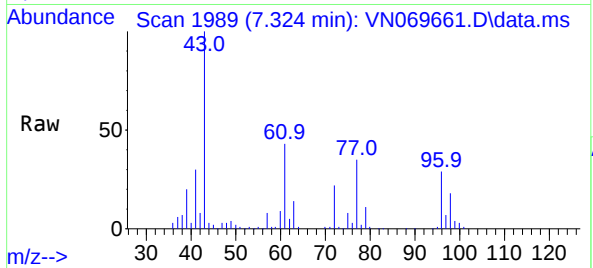
Tgt Ion: 77 Resp: 316125
Ion Ratio Lower Upper
77 100
97 20.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.025 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

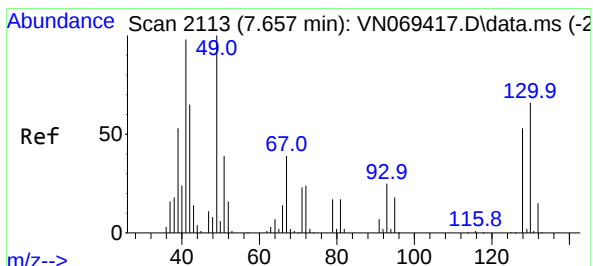
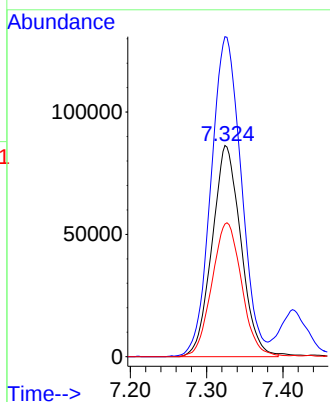
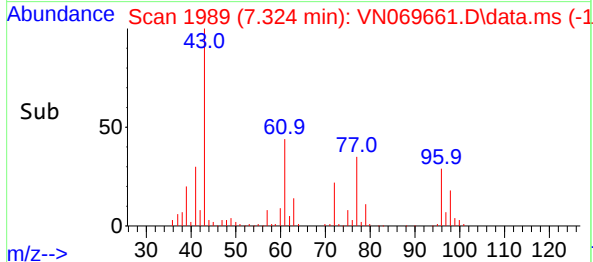
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



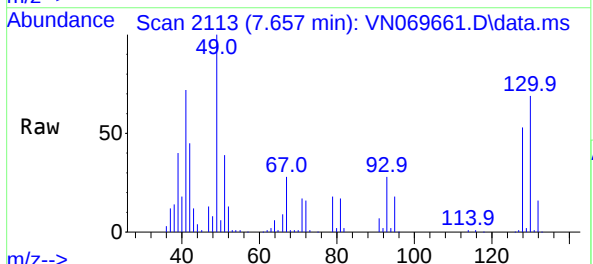
Tgt Ion: 96 Resp: 226498
Ion Ratio Lower Upper
96 100
61 159.3 0.0 275.0
98 65.7 0.0 129.6

Manual Integrations
APPROVED

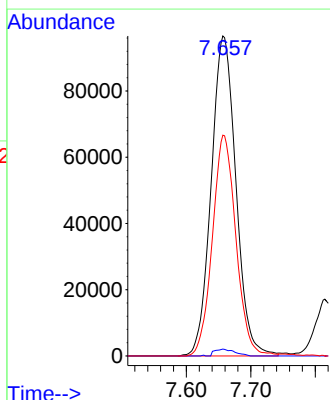
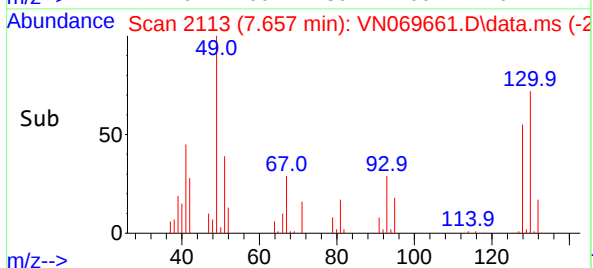
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

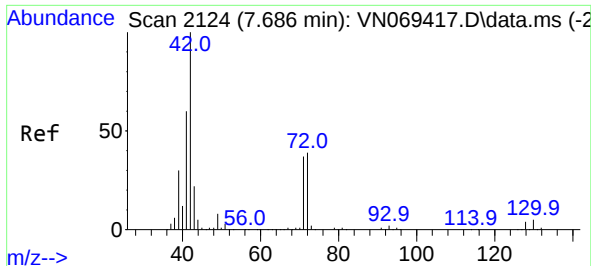


#28
Bromochloromethane
Concen: 22.799 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



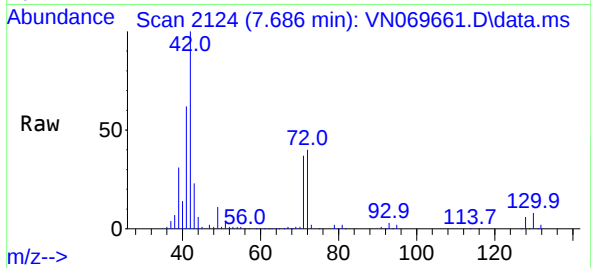
Tgt Ion: 49 Resp: 257040
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 65.7 67.8 101.8#





#29
Tetrahydrofuran
Concen: 86.069 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

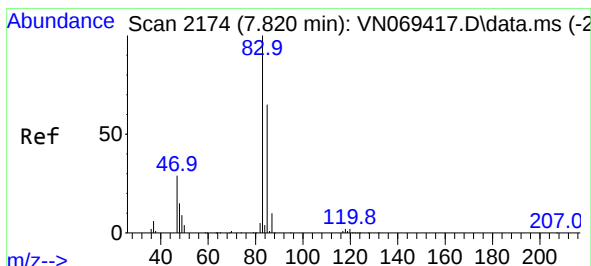
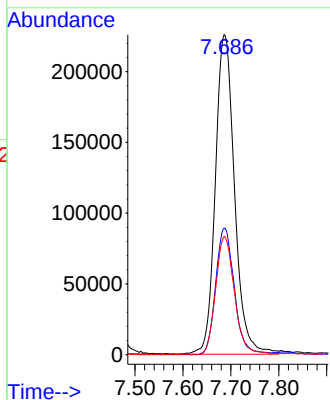
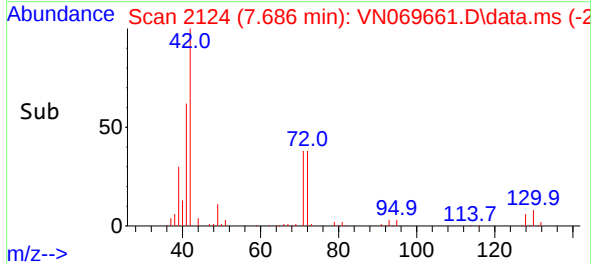
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



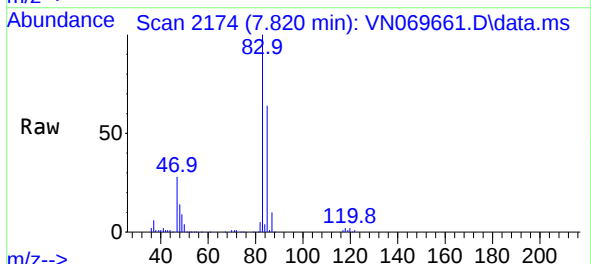
Tgt Ion: 42 Resp: 62650
Ion Ratio Lower Upper
42 100
72 38.3 36.3 54.5
71 36.4 34.7 52.1

Manual Integrations
APPROVED

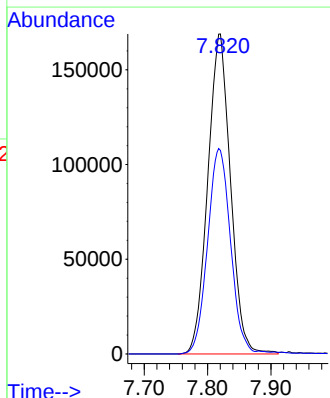
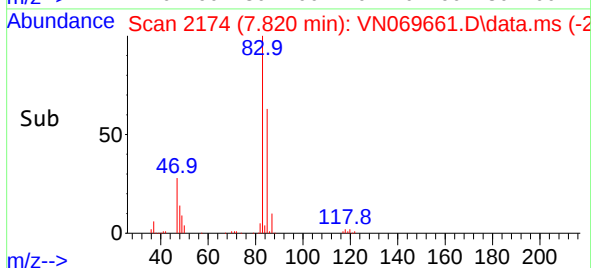
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

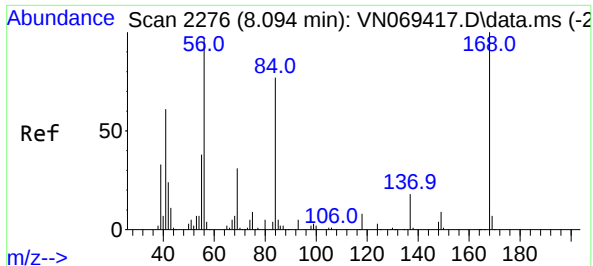


#30
Chloroform
Concen: 18.636 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



Tgt Ion: 83 Resp: 420609
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9





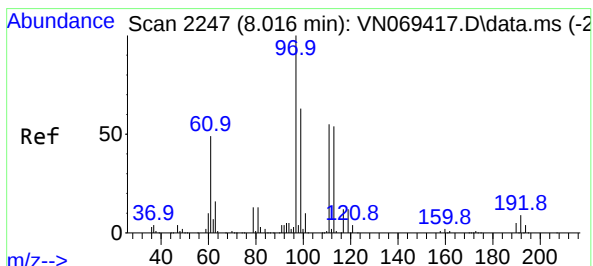
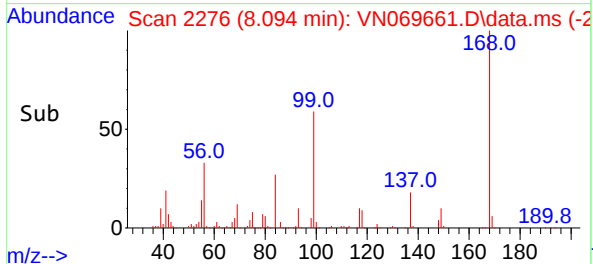
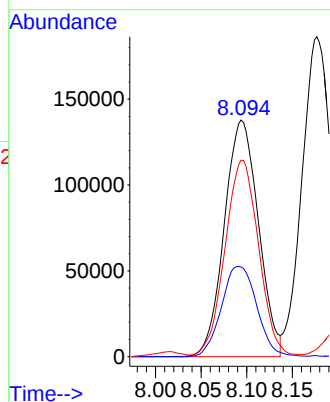
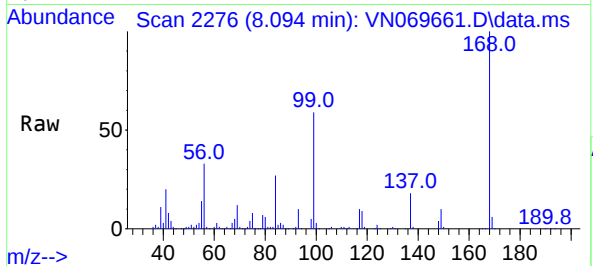
#31
Cyclohexane
Concen: 16.161 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 56 Resp: 35845
Ion Ratio Lower Upper
56 100
69 38.0 27.1 40.7
84 81.6 73.4 110.0

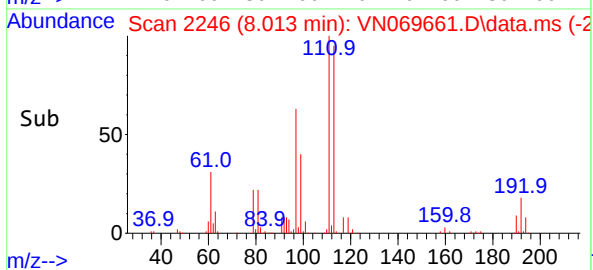
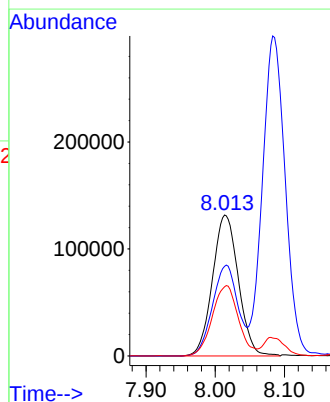
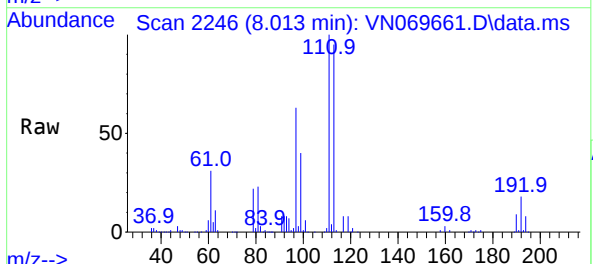
Manual Integrations
APPROVED

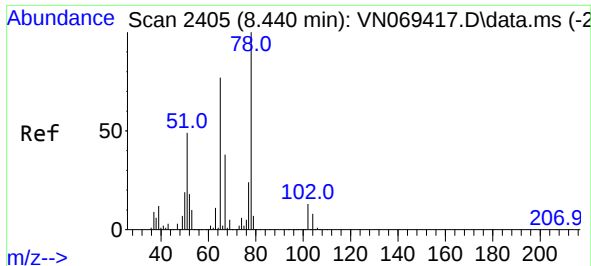
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#32
1,1,1-Trichloroethane
Concen: 18.190 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 97 Resp: 342681
Ion Ratio Lower Upper
97 100
99 62.8 50.1 75.1
61 50.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.208 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069661.D

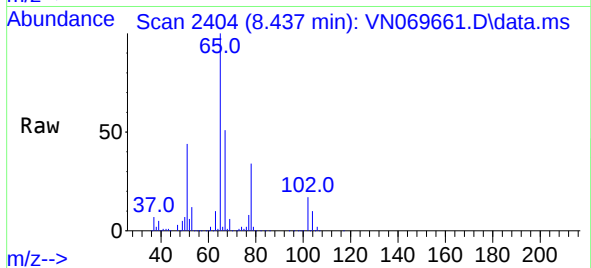
Acq: 29 Nov 2021 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01



Tgt Ion: 65 Resp: 815160

Ion Ratio Lower Upper

65 100

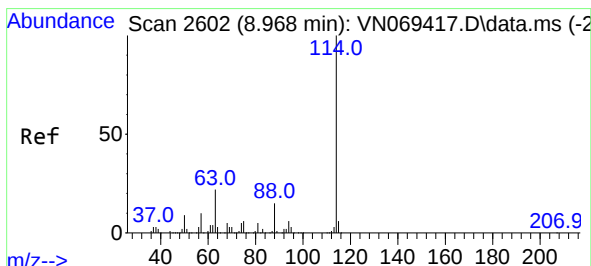
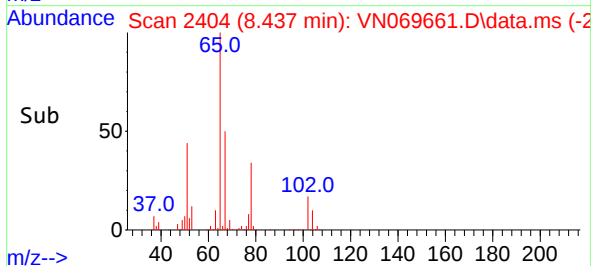
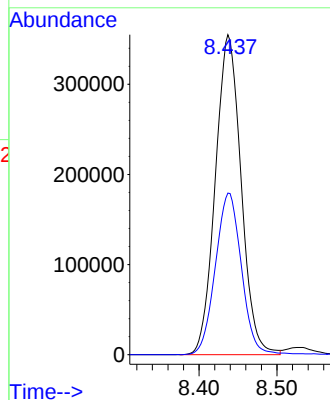
67 51.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069661.D

Acq: 29 Nov 2021 13:20

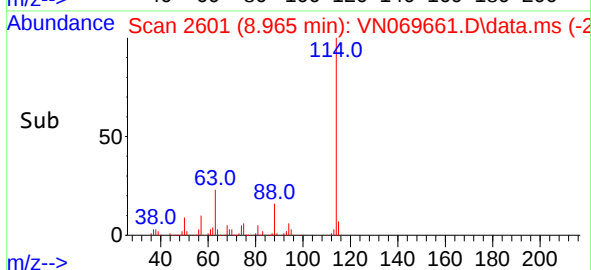
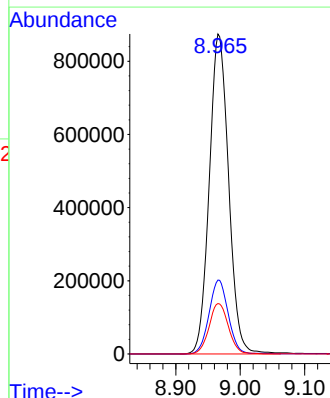
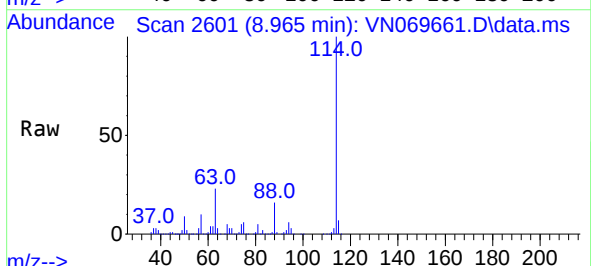
Tgt Ion:114 Resp: 1820513

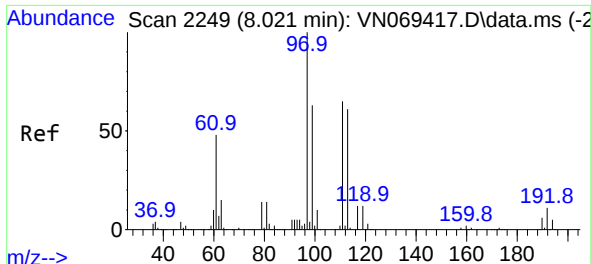
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

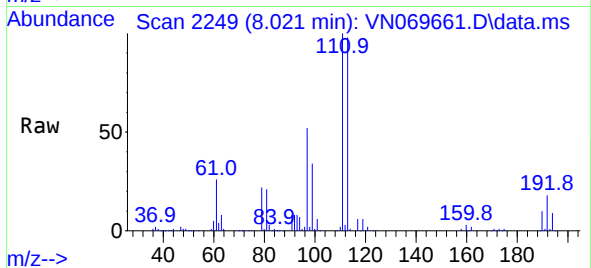
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.065 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

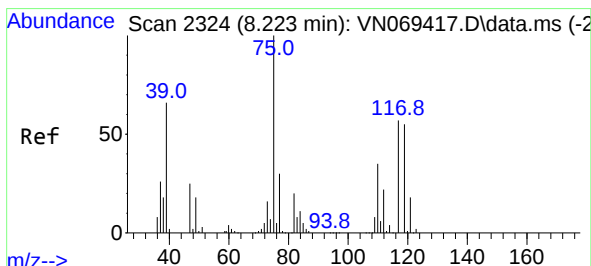
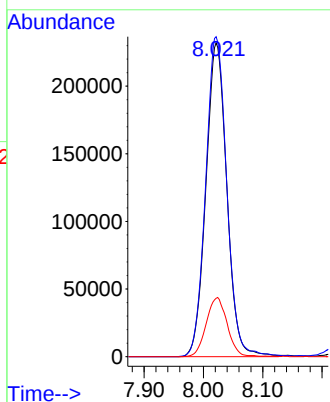
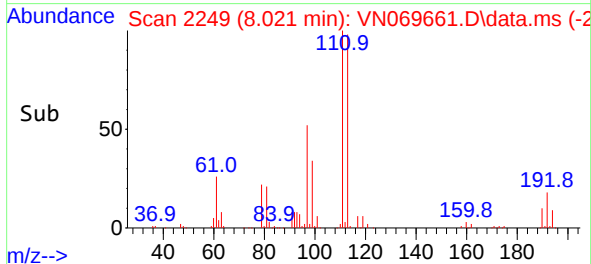
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



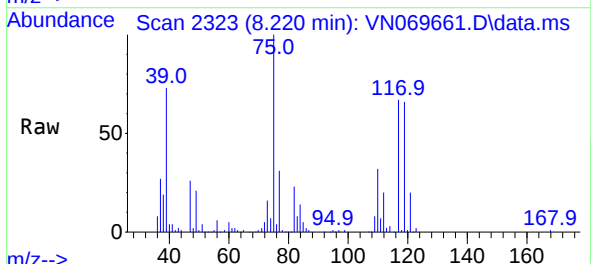
Tgt Ion: 113 Resp: 56848
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.9 16.9 25.3

Manual Integrations
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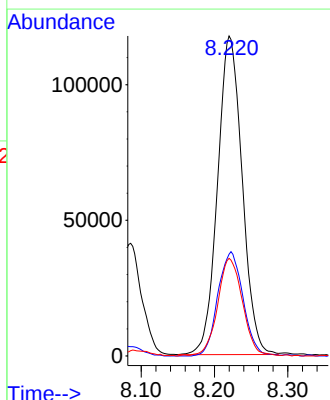
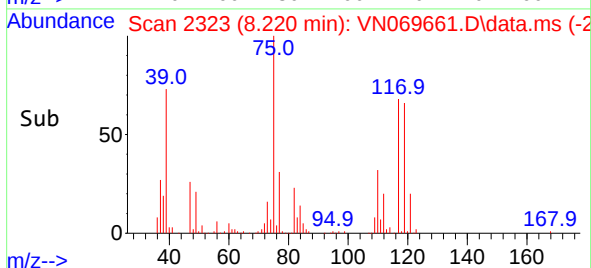
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

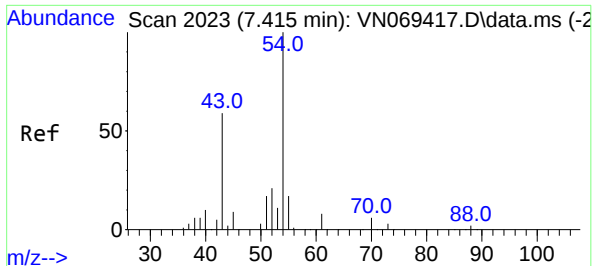


#36
1,1-Dichloropropene
Concen: 17.899 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



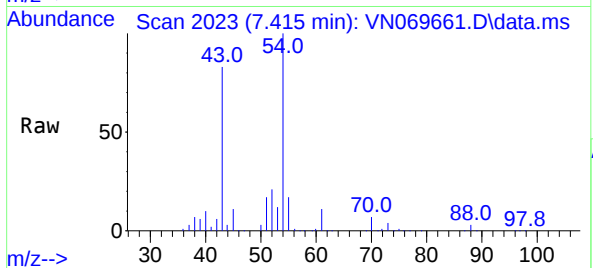
Tgt Ion: 75 Resp: 274189
Ion Ratio Lower Upper
75 100
110 33.5 18.4 55.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 18.701 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

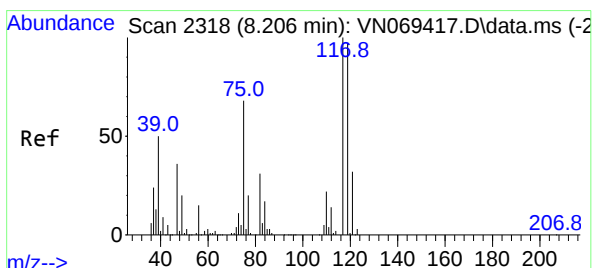
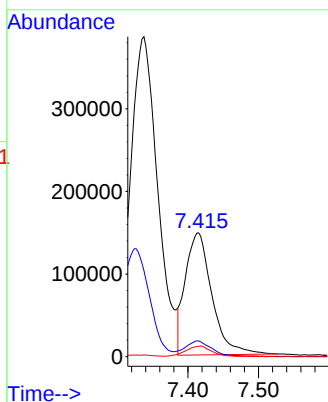
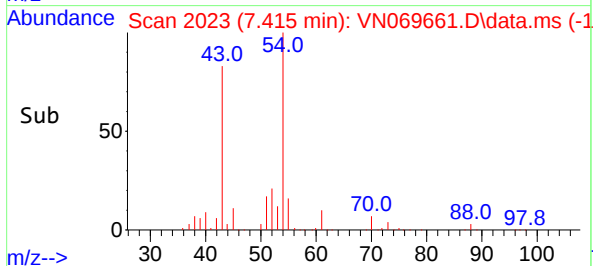
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



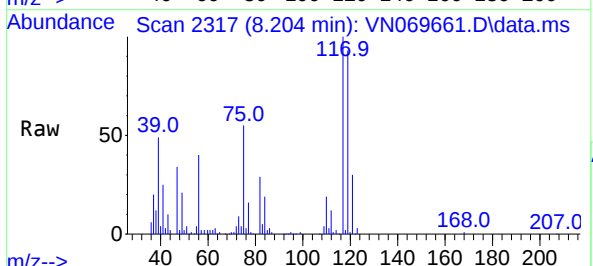
Tgt Ion: 43 Resp: 38725
Ion Ratio Lower Upper
43 100
61 11.2 11.5 17.3
70 7.8 7.9 11.9

Manual Integrations
APPROVED

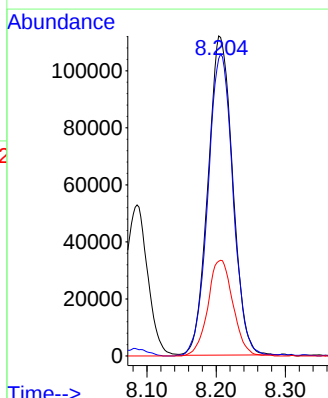
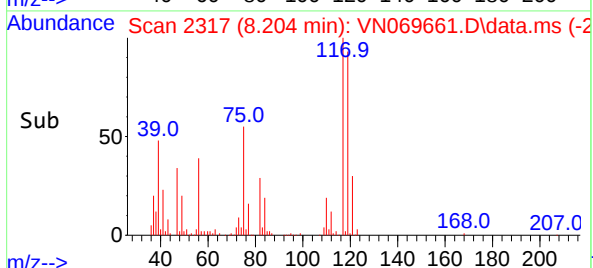
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

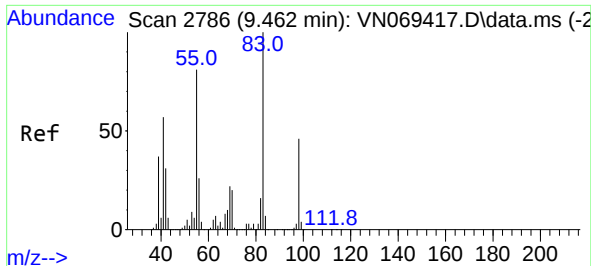


#38
Carbon Tetrachloride
Concen: 18.727 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



Tgt Ion:117 Resp: 276958
Ion Ratio Lower Upper
117 100
119 93.0 76.1 114.1
121 29.7 24.2 36.2





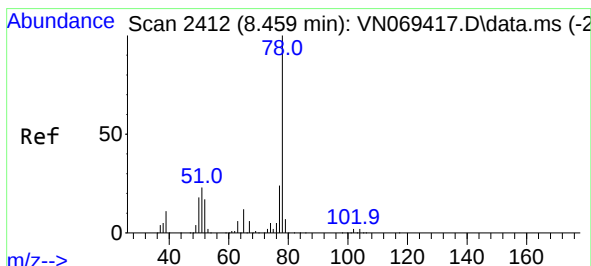
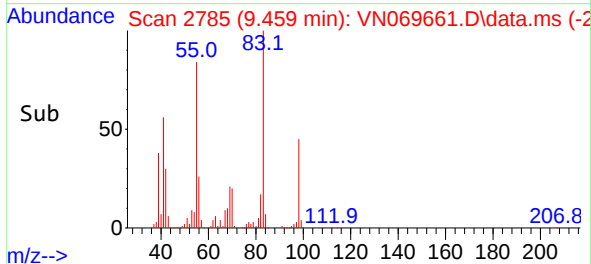
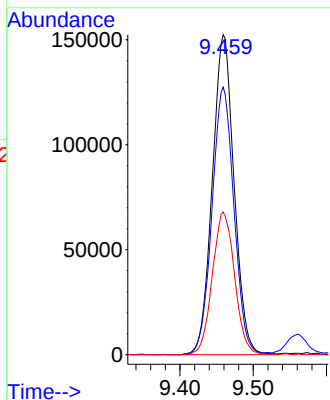
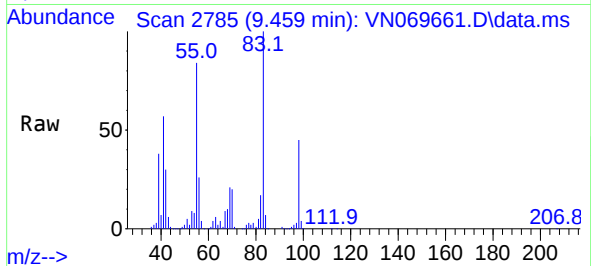
#39
Methylcyclohexane
Concen: 16.530 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 83 Resp: 314994
Ion Ratio Lower Upper
83 100
55 83.6 58.1 87.1
98 44.6 38.4 57.6

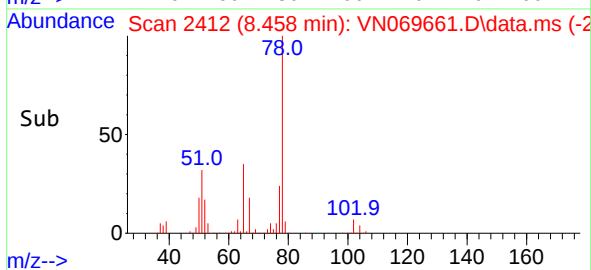
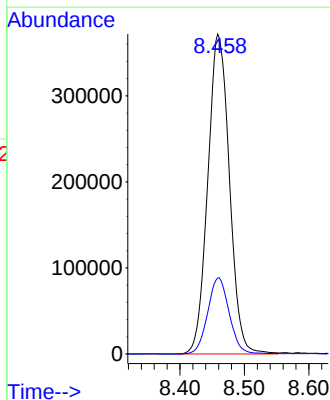
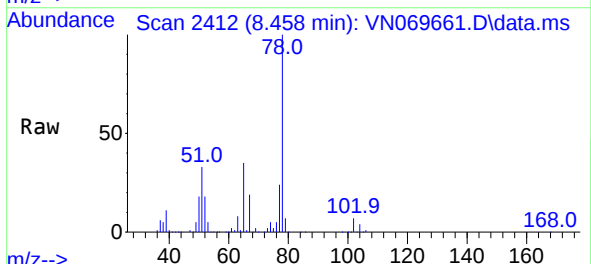
Manual Integrations
APPROVED

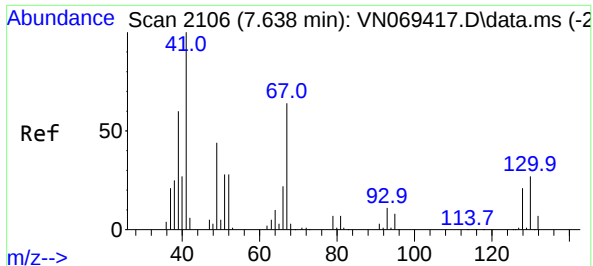
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#40
Benzene
Concen: 18.365 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 78 Resp: 868361
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





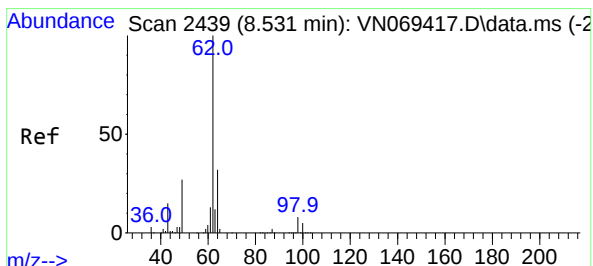
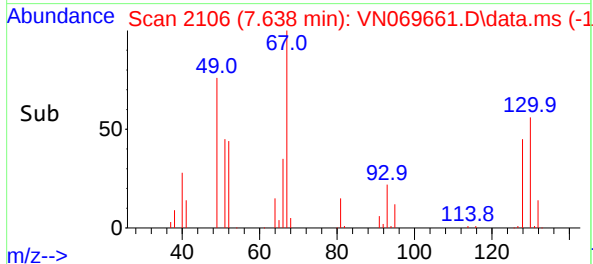
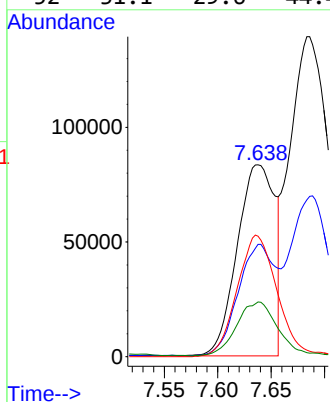
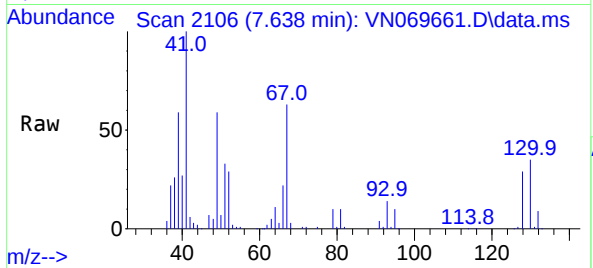
#41
Methacrylonitrile
Concen: 19.102 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 41 Resp: 20438
Ion Ratio Lower Upper
41 100
39 59.2 48.1 72.1
67 68.1 68.3 102.5
52 31.1 29.6 44.4

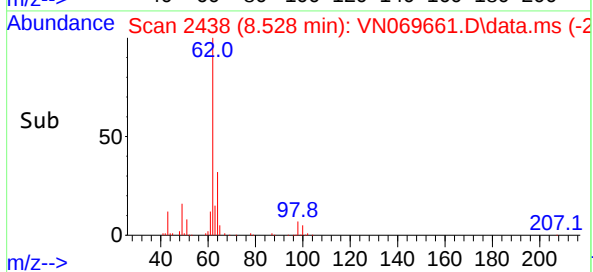
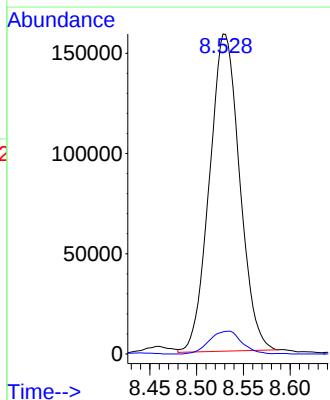
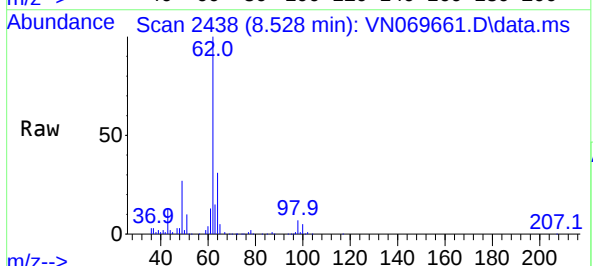
Manual Integrations
APPROVED

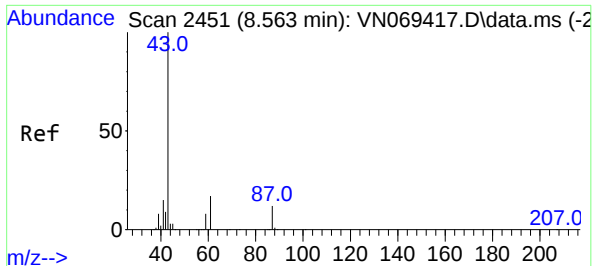
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#42
1,2-Dichloroethane
Concen: 19.210 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

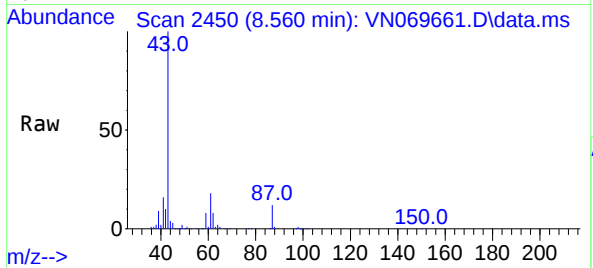
Tgt Ion: 62 Resp: 355663
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.582 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

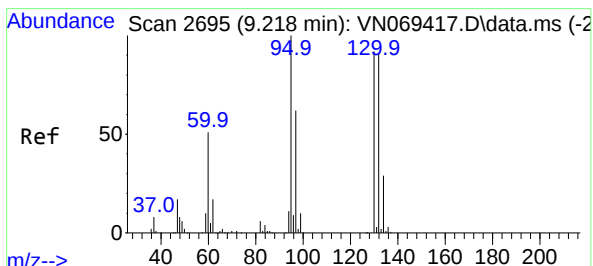
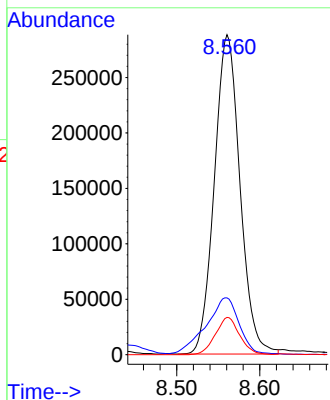
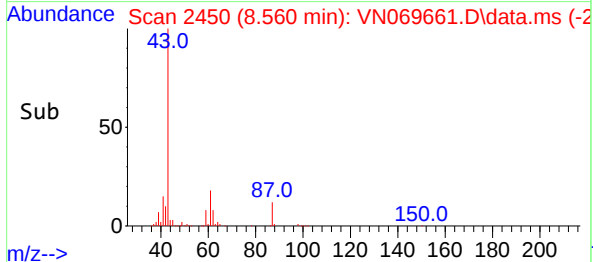
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 43 Resp: 618052
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.1 11.2 16.8

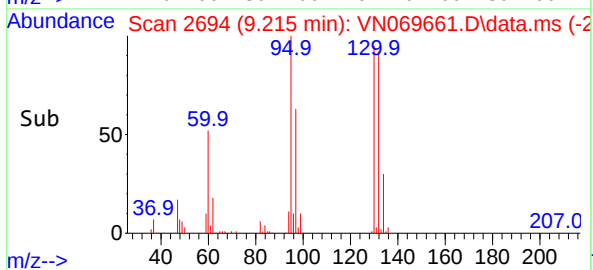
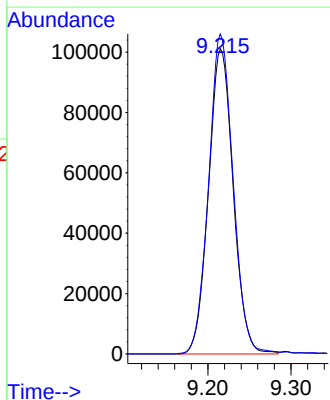
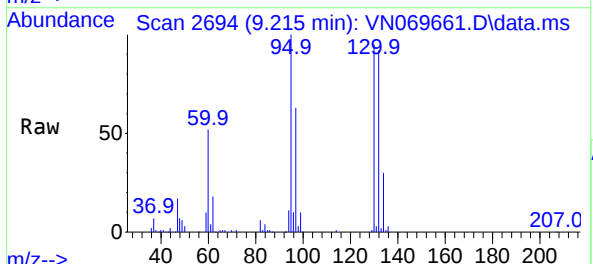
Manual Integrations
APPROVED

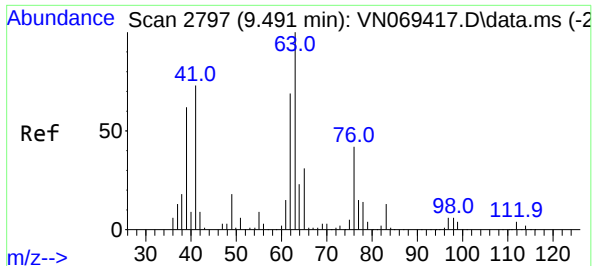
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#44
Trichloroethene
Concen: 18.442 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

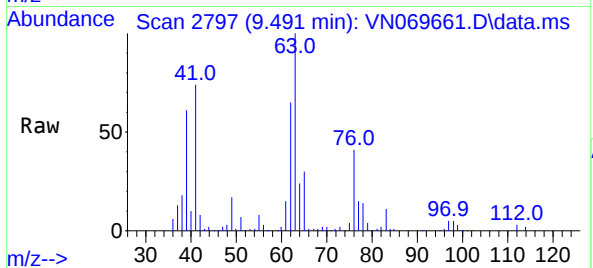
Tgt Ion:130 Resp: 208688
Ion Ratio Lower Upper
130 100
95 104.7 0.0 191.2





#45
1,2-Dichloropropane
Concen: 19.630 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

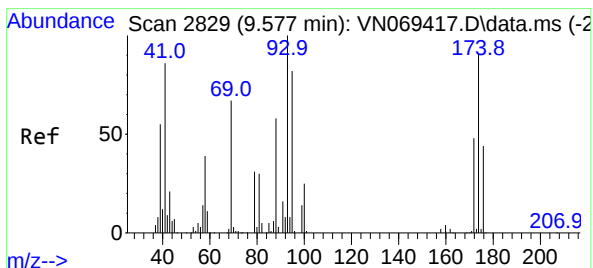
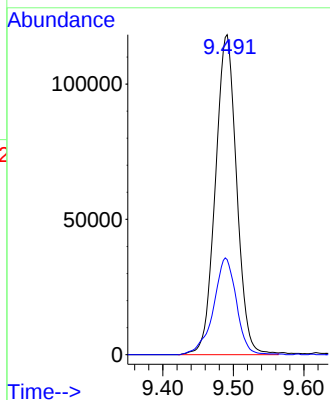
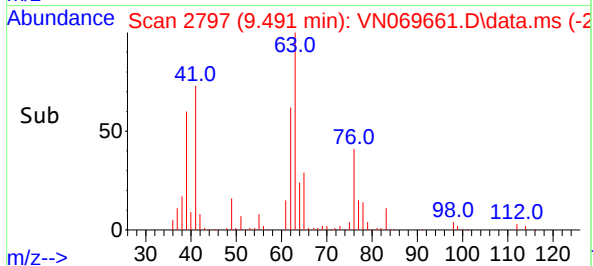
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 63 Resp: 24797
Ion Ratio Lower Upper
63 100
65 29.7 24.7 37.1

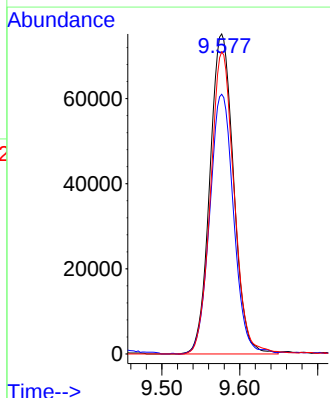
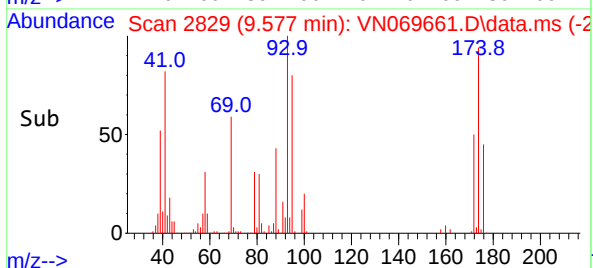
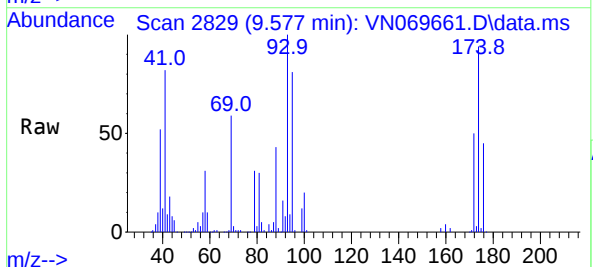
Manual Integrations
APPROVED

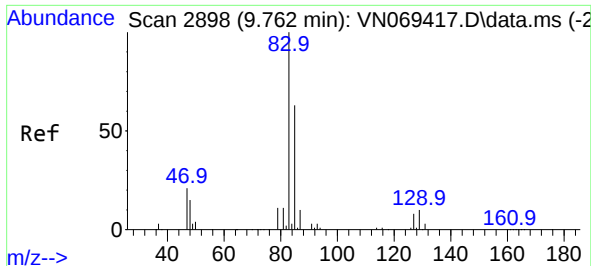
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#46
Dibromomethane
Concen: 18.742 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 93 Resp: 158584
Ion Ratio Lower Upper
93 100
95 81.8 65.9 98.9
174 94.0 84.6 127.0





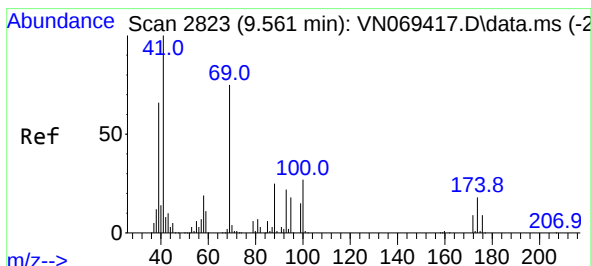
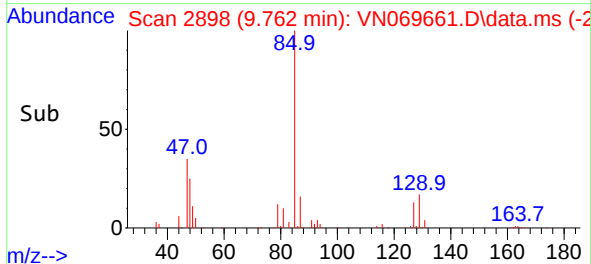
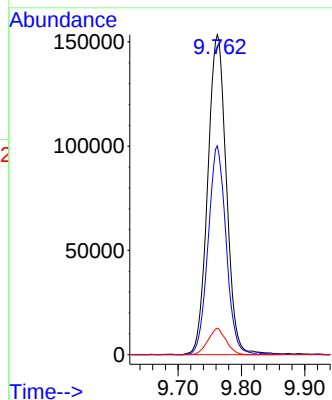
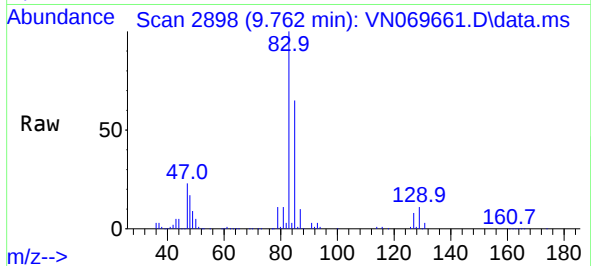
#47
Bromodichloromethane
Concen: 19.837 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 83 Resp: 31322
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3
127 8.3 7.1 10.7

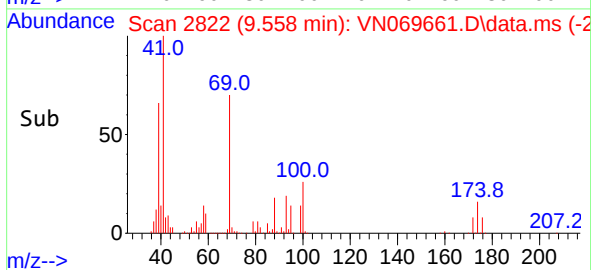
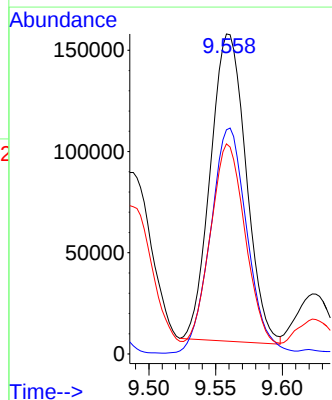
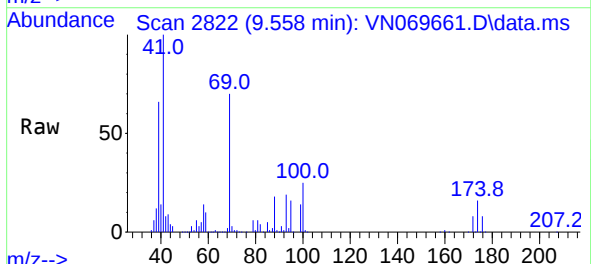
Manual Integrations
APPROVED

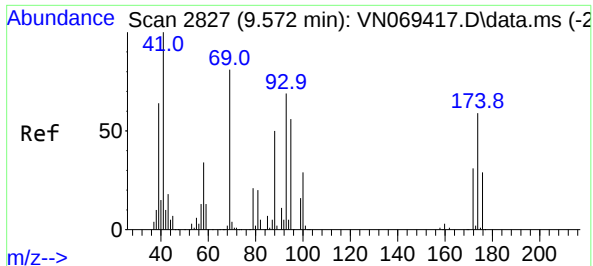
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#48
Methyl methacrylate
Concen: 17.981 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

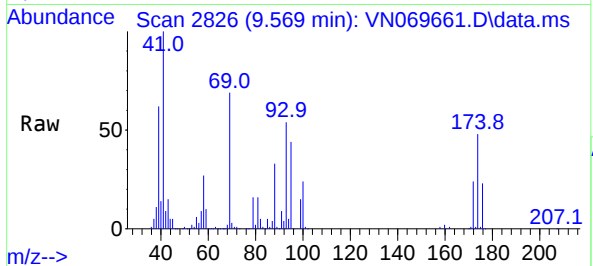
Tgt Ion: 41 Resp: 281371
Ion Ratio Lower Upper
41 100
69 75.4 72.4 108.6
39 69.0 58.4 87.6





#49
1,4-Dioxane
Concen: 306.847 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

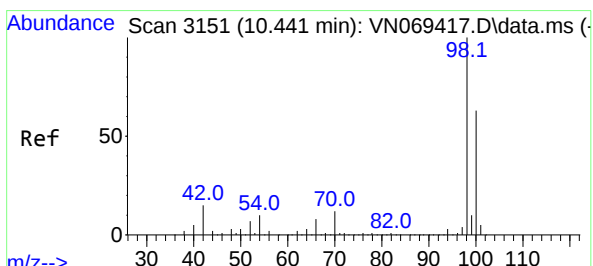
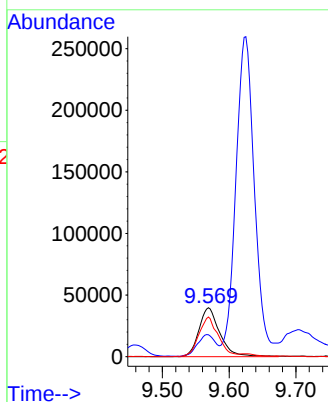
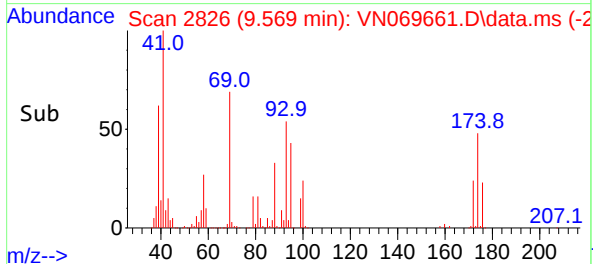
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 88 Resp: 86420
Ion Ratio Lower Upper
88 100
43 38.0 23.4 35.2
58 75.4 50.6 75.8

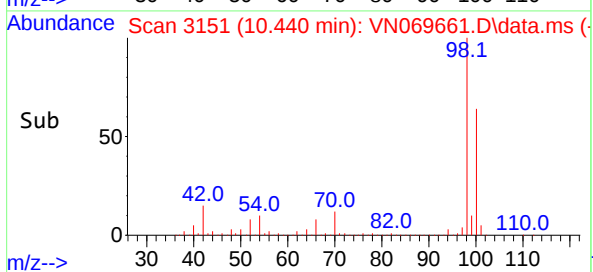
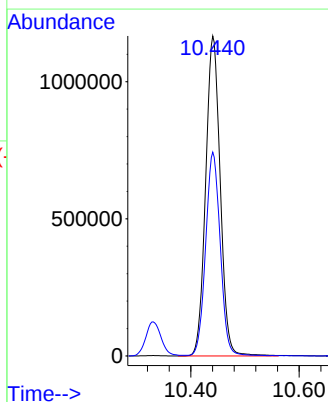
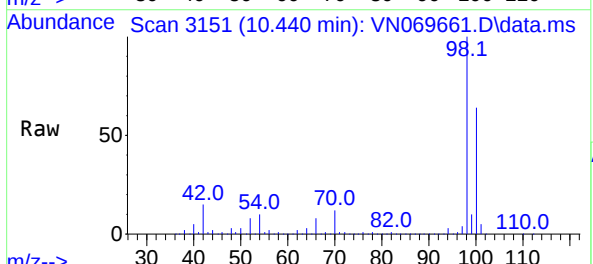
Manual Integrations
APPROVED

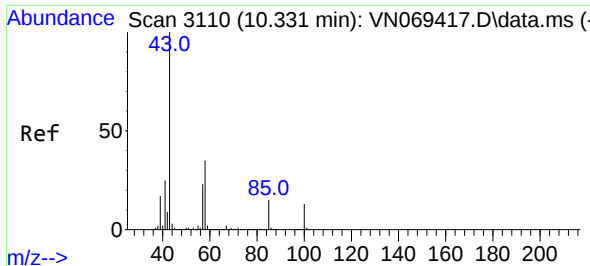
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#50
Toluene-d8
Concen: 50.686 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 98 Resp: 2176618
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6





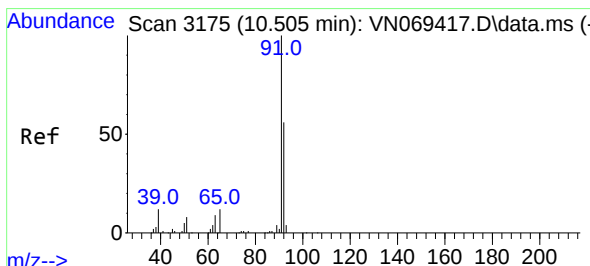
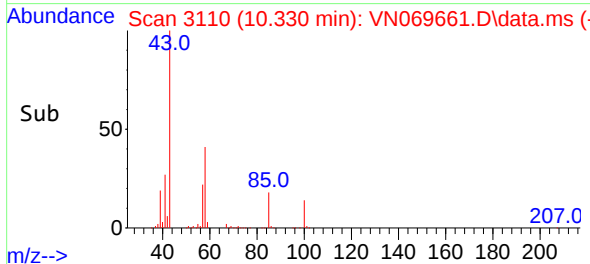
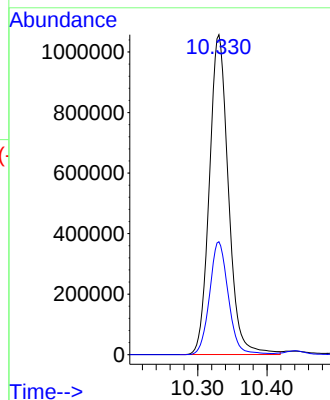
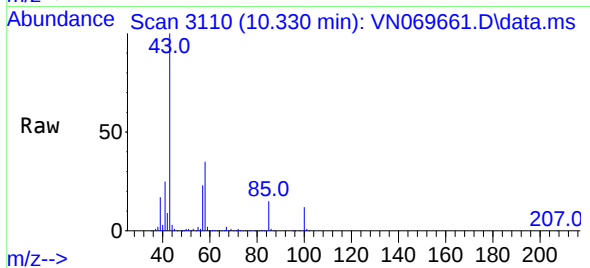
#51
4-Methyl-2-Pentanone
Concen: 94.240 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 43 Resp: 2023200
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

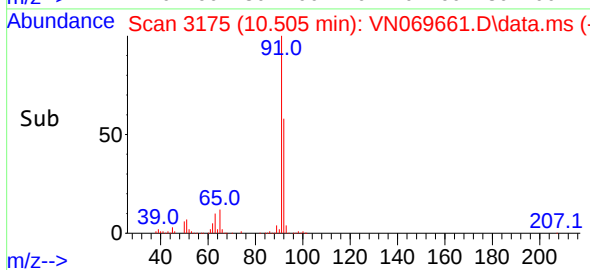
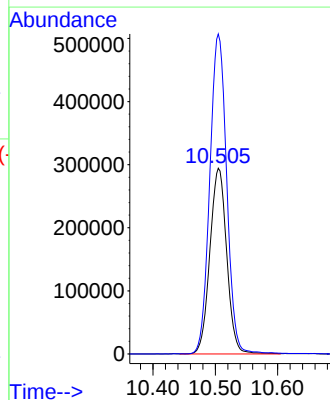
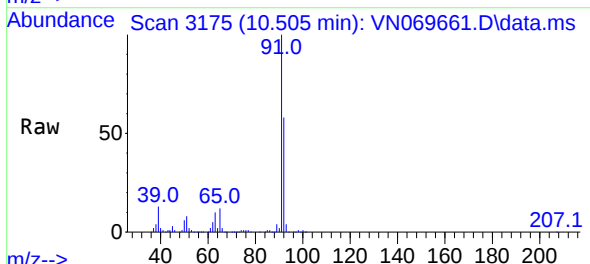
Manual Integrations
APPROVED

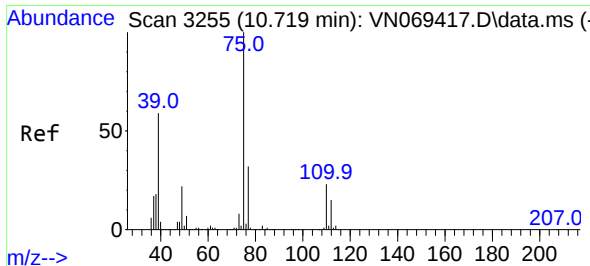
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#52
Toluene
Concen: 18.787 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 92 Resp: 553393
Ion Ratio Lower Upper
92 100
91 172.6 142.0 213.0





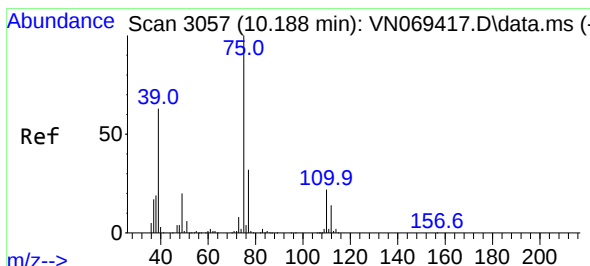
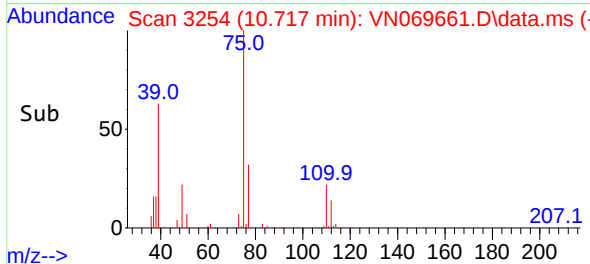
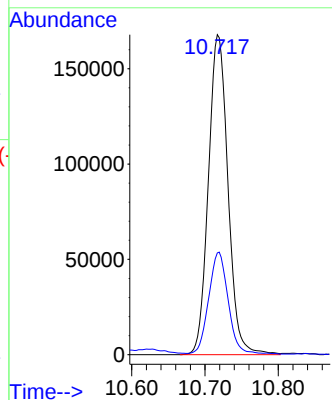
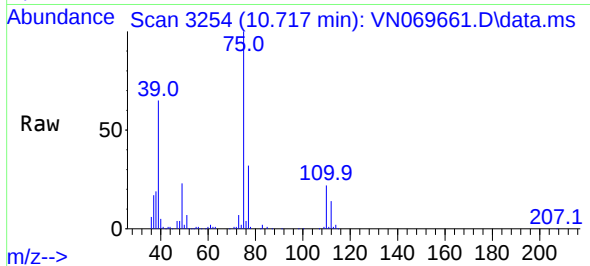
#53
 t-1,3-Dichloropropene
 Concen: 17.855 ug/l
 RT: 10.717 min Scan# 31188
 Delta R.T. -0.002 min
 Lab File: VN069661.D
 Acq: 29 Nov 2021 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Tgt Ion: 75 Resp: 31188
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4

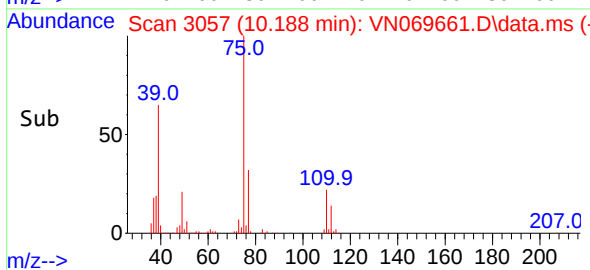
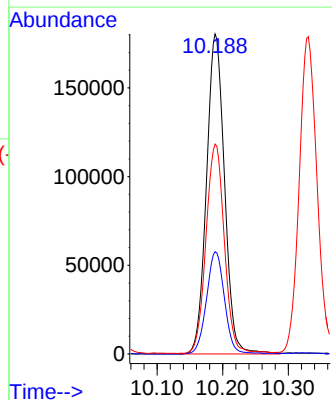
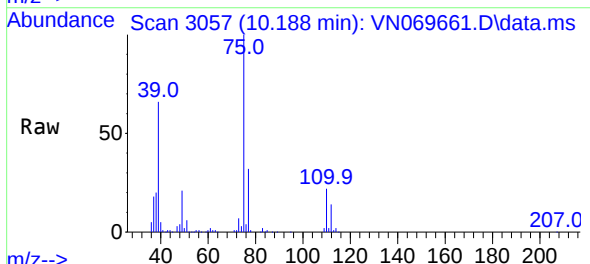
Manual Integrations
 APPROVED

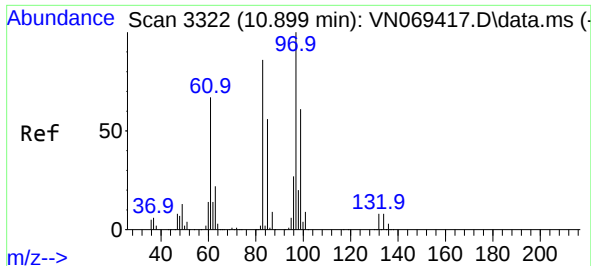
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#54
 cis-1,3-Dichloropropene
 Concen: 17.993 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN069661.D
 Acq: 29 Nov 2021 13:20

Tgt Ion: 75 Resp: 344577
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.4 39.6
 39 65.4 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.741 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

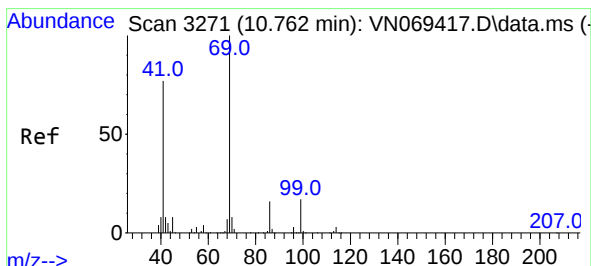
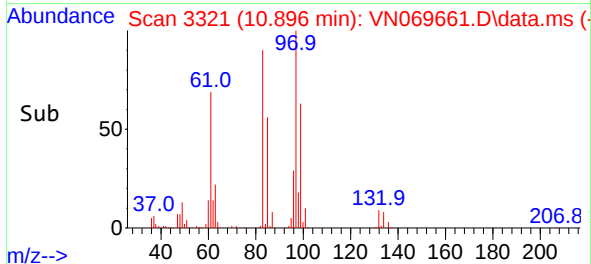
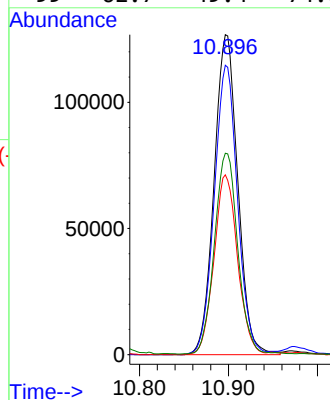
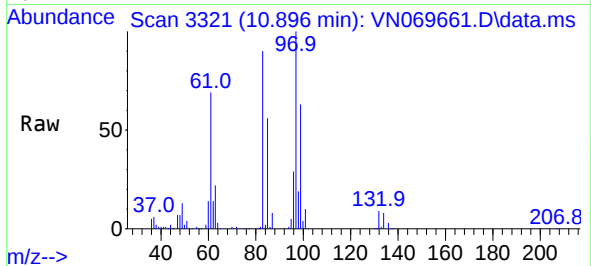
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 97 Resp: 234409

Ion	Ratio	Lower	Upper
97	100		
83	90.4	67.8	101.6
85	56.2	45.4	68.2
99	62.7	49.4	74.0

Manual Integrations
APPROVED

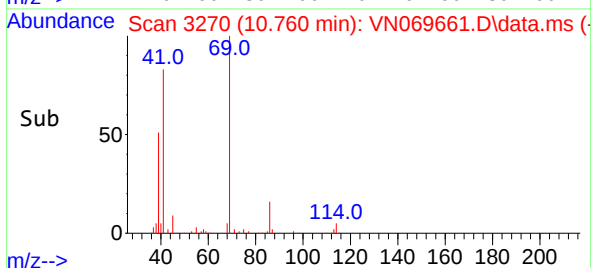
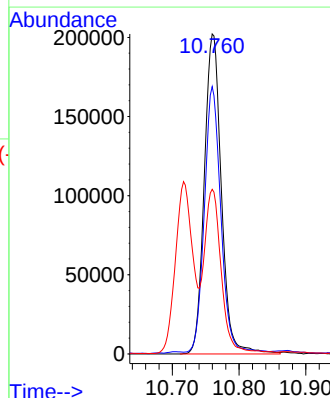
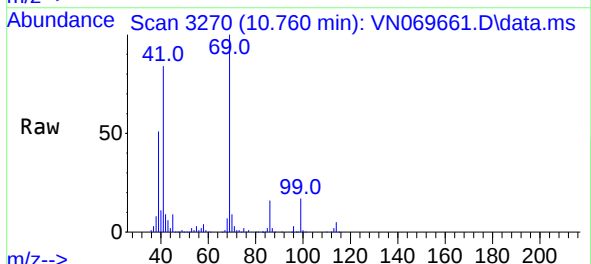
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

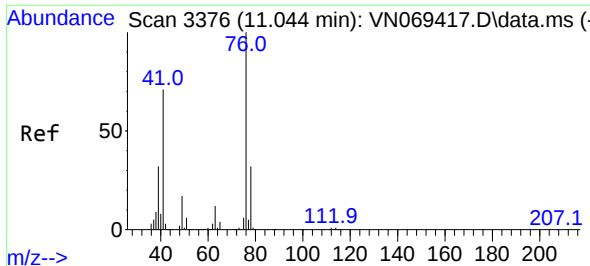


#56
Ethyl methacrylate
Concen: 17.454 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 69 Resp: 359379

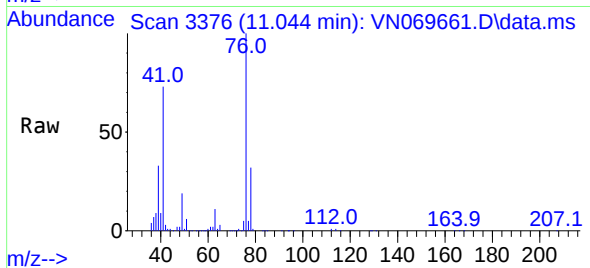
Ion	Ratio	Lower	Upper
69	100		
41	79.7	51.4	77.0#
39	48.2	34.6	52.0





#57
1,3-Dichloropropane
Concen: 19.494 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

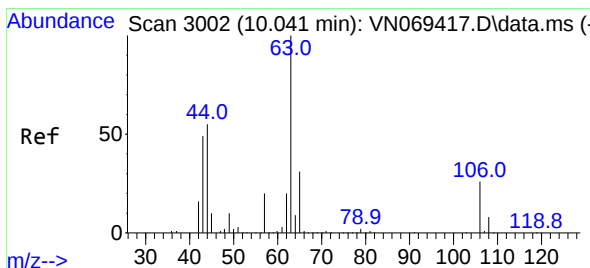
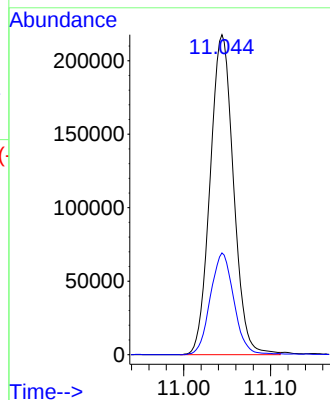
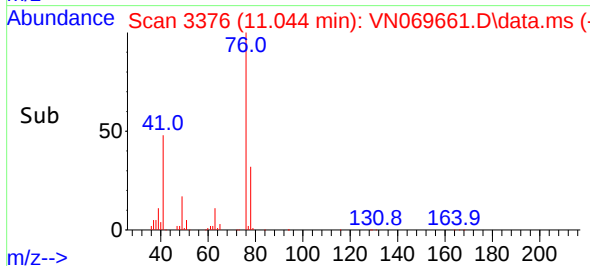
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



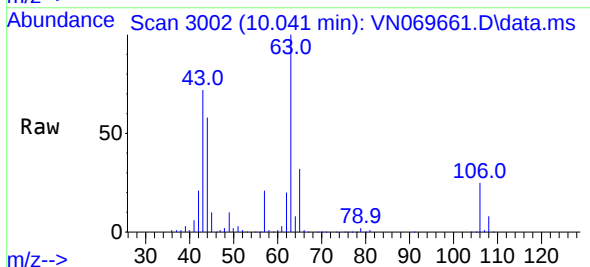
Tgt Ion: 76 Resp: 40674
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5

Manual Integrations
APPROVED

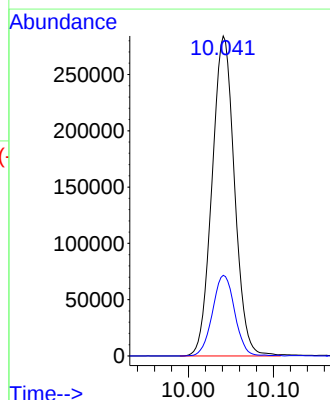
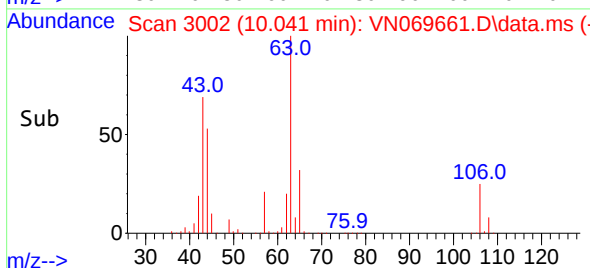
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

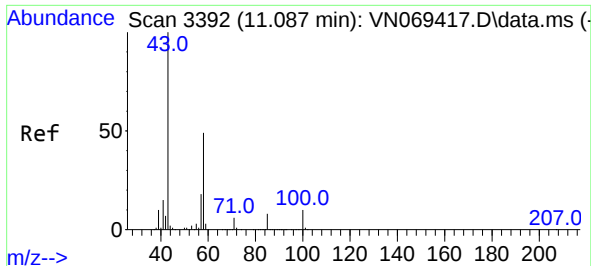


#58
2-Chloroethyl Vinyl ether
Concen: 105.004 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



Tgt Ion: 63 Resp: 520567
Ion Ratio Lower Upper
63 100
106 25.0 23.9 35.9





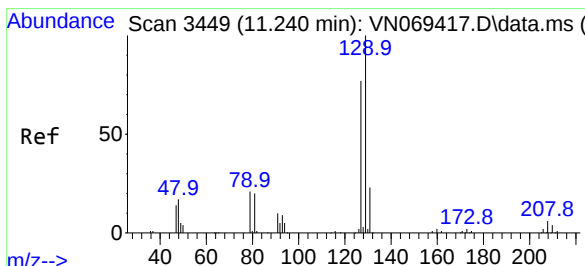
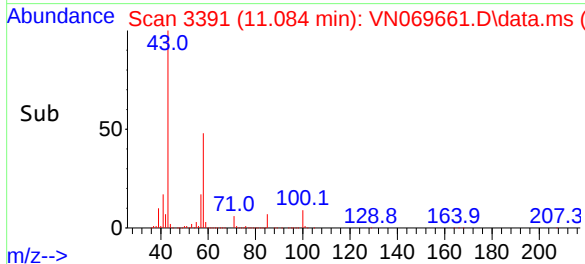
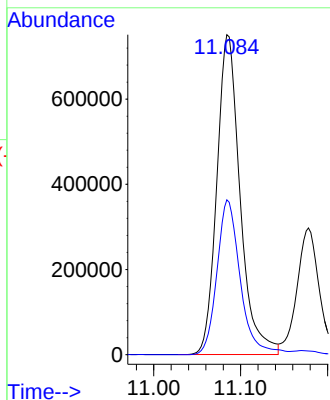
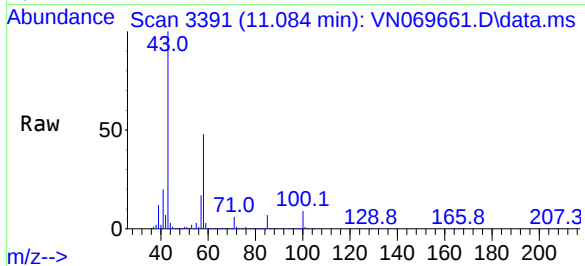
#59
2-Hexanone
Concen: 82.663 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 43 Resp: 1398890
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7

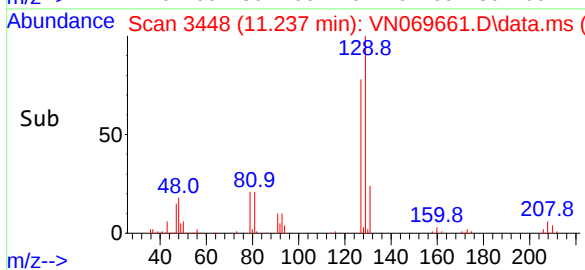
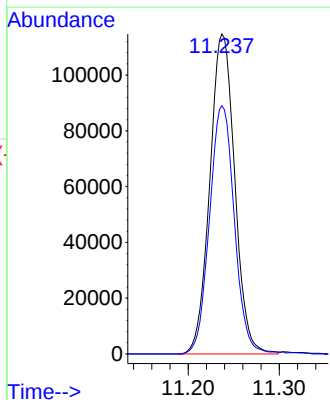
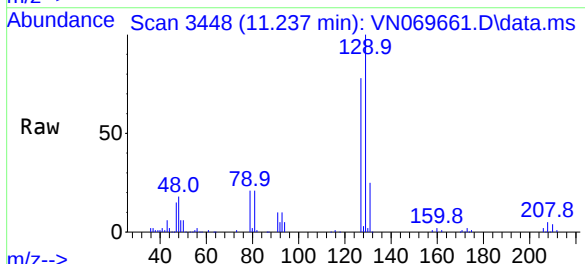
Manual Integrations
APPROVED

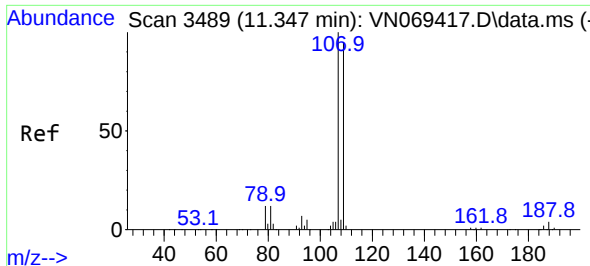
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#60
Dibromochloromethane
Concen: 18.347 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion:129 Resp: 218150
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





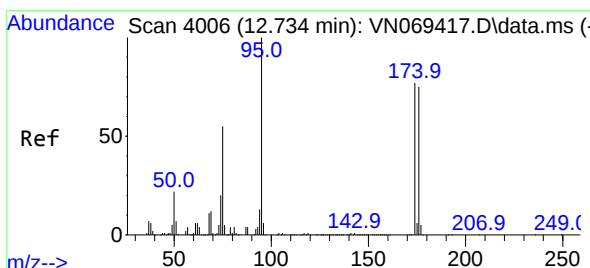
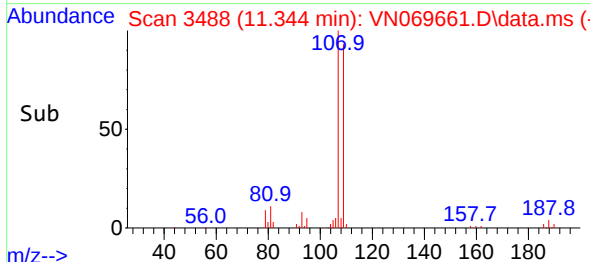
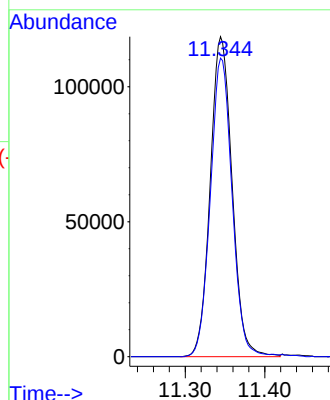
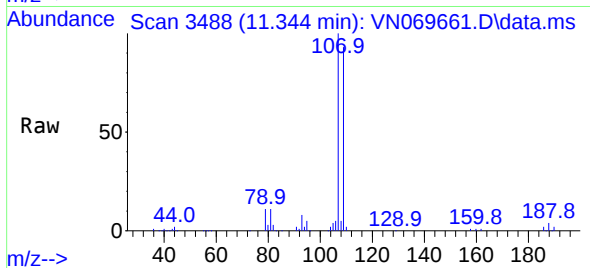
#61
1,2-Dibromoethane
Concen: 17.771 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:107 Resp: 226178
Ion Ratio Lower Upper
107 100
109 92.5 75.7 113.5

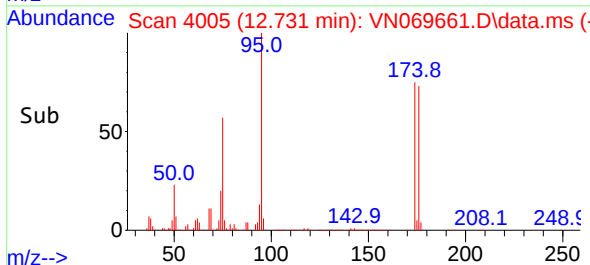
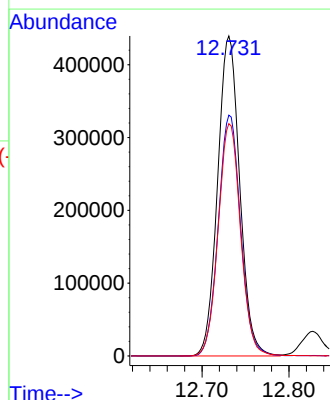
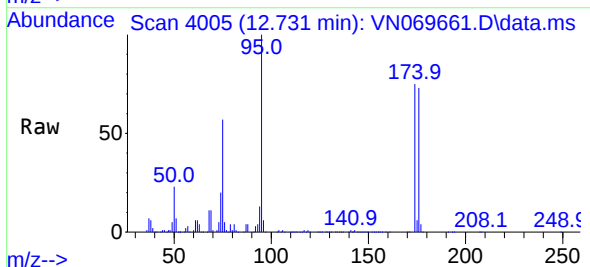
Manual Integrations
APPROVED

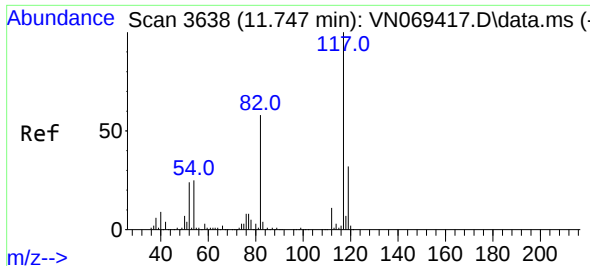
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#62
4-Bromofluorobenzene
Concen: 49.225 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

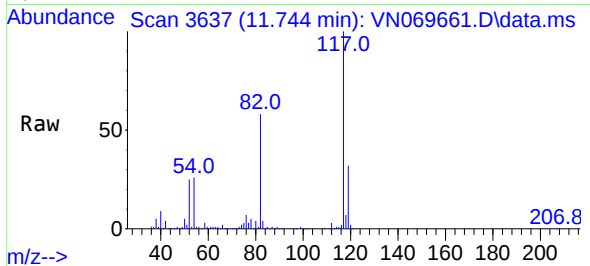
Tgt Ion: 95 Resp: 776551
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

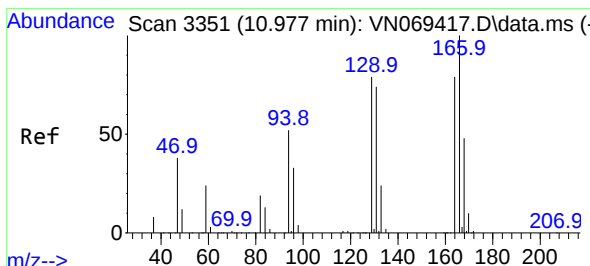
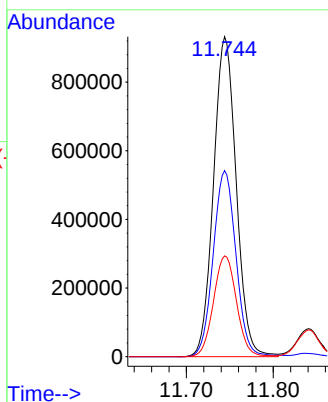
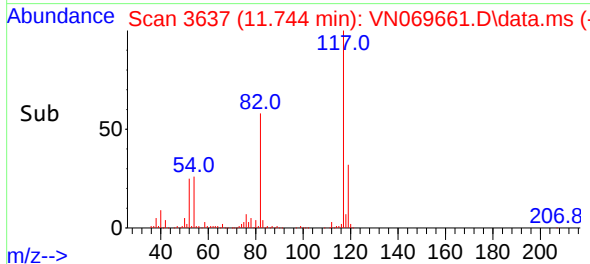
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



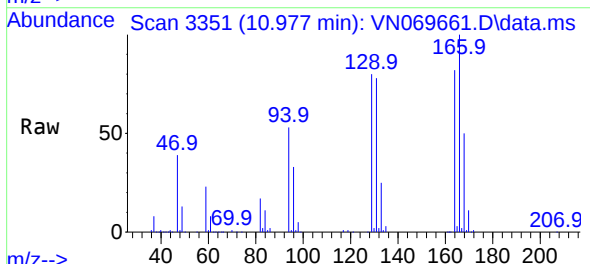
Tgt Ion:117 Resp: 1690600
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.5 25.4 38.2

Manual Integrations
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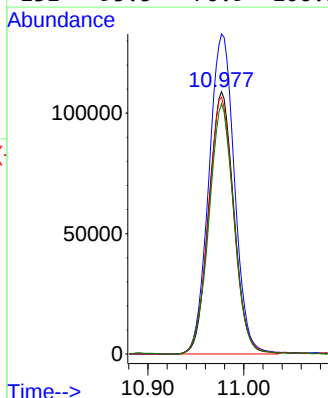
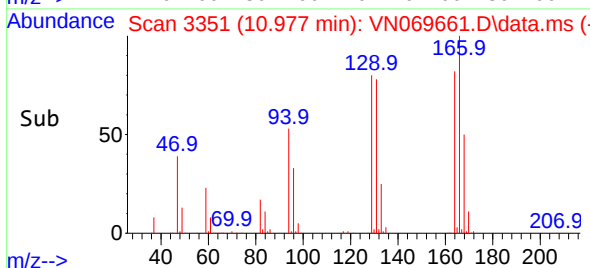
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

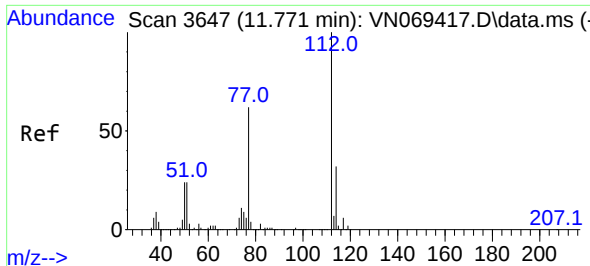


#64
Tetrachloroethene
Concen: 19.410 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



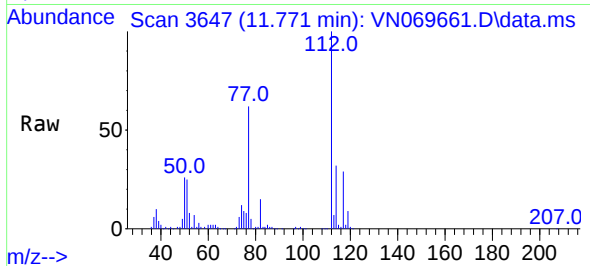
Tgt Ion:164 Resp: 198142
Ion Ratio Lower Upper
164 100
166 122.1 101.9 152.9
129 98.0 72.0 108.0
131 95.5 70.9 106.3





#65
Chlorobenzene
Concen: 18.758 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

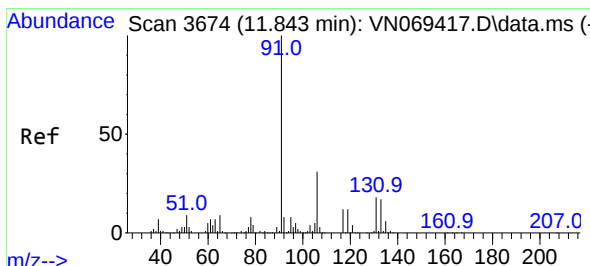
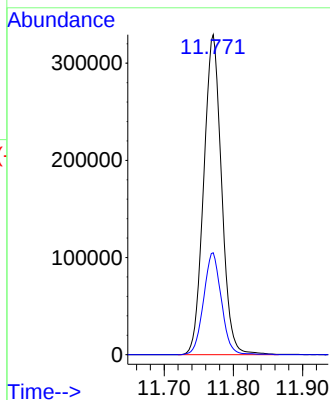
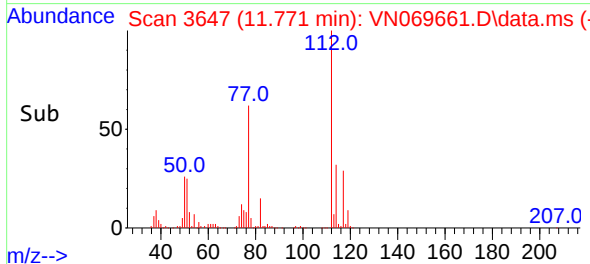
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



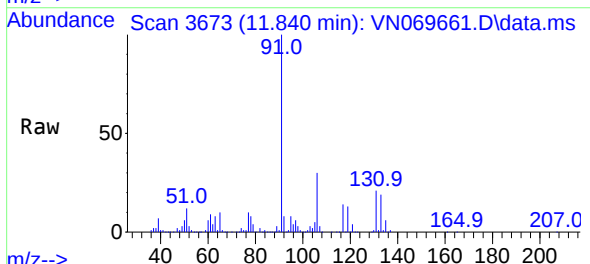
Tgt Ion:112 Resp: 590272
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
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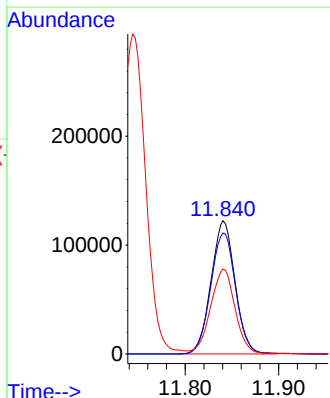
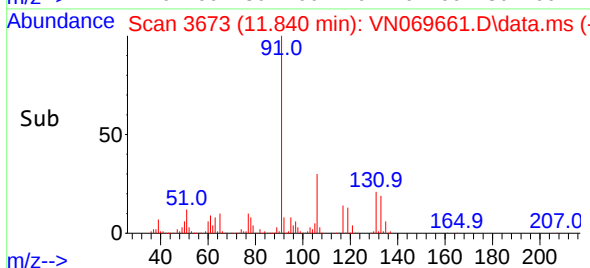
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

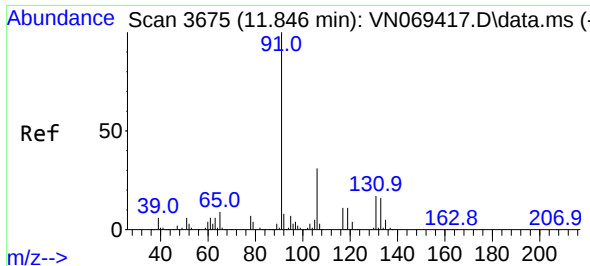


#66
1,1,1,2-Tetrachloroethane
Concen: 19.970 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



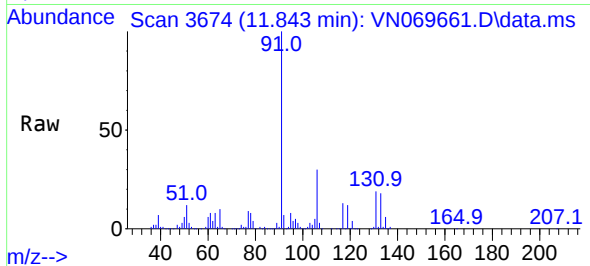
Tgt Ion:131 Resp: 217968
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 64.9 32.1 96.5





#67
Ethyl Benzene
Concen: 18.344 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

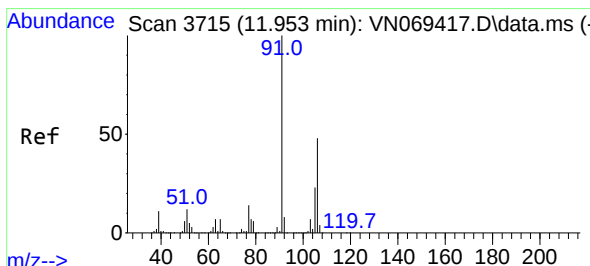
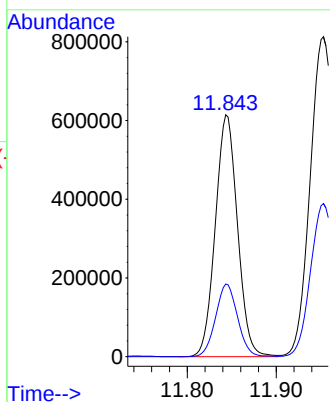
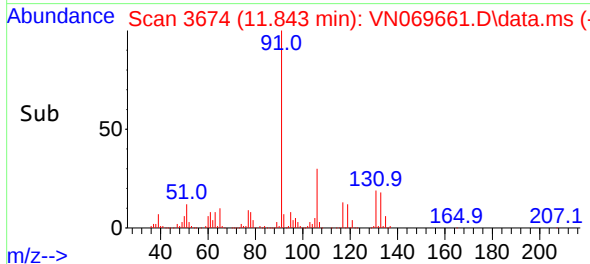
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 91 Resp: 1064662
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

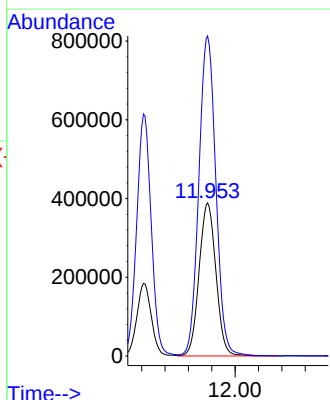
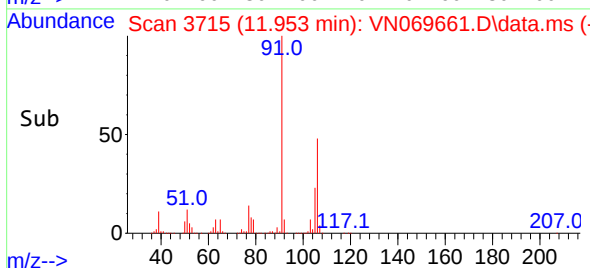
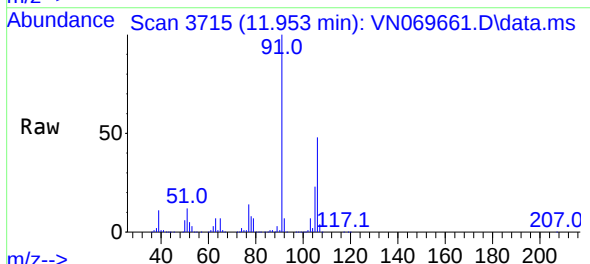
Manual Integrations
APPROVED

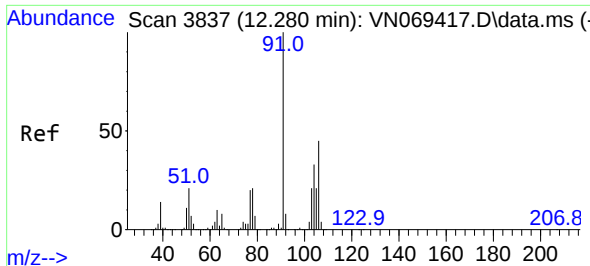
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#68
m/p-Xylenes
Concen: 36.437 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion:106 Resp: 777752
Ion Ratio Lower Upper
106 100
91 210.7 160.6 240.8





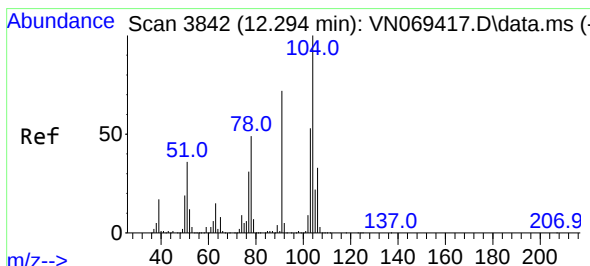
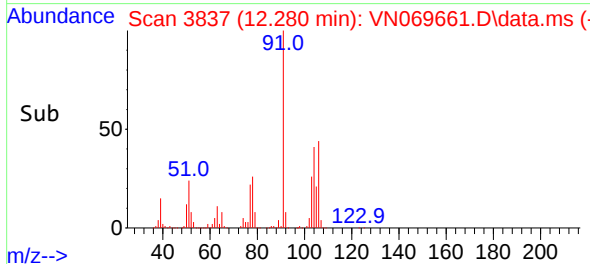
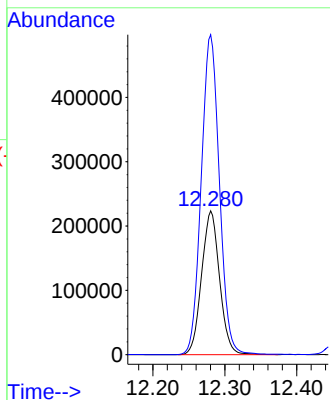
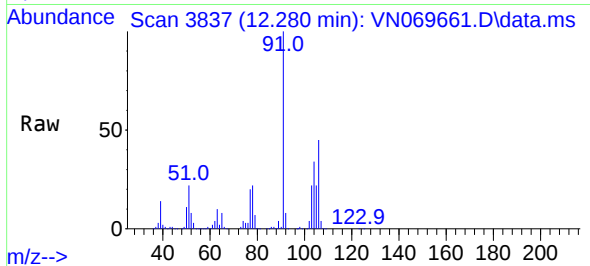
#69
o-Xylene
Concen: 18.300 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:106 Resp: 389418
Ion Ratio Lower Upper
106 100
91 224.4 105.8 317.3

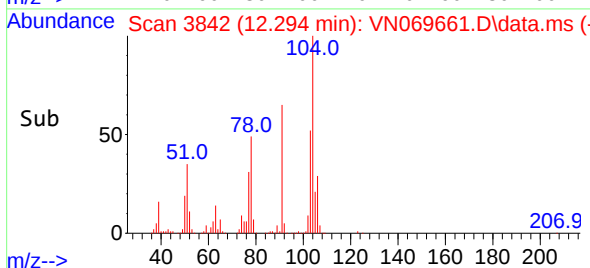
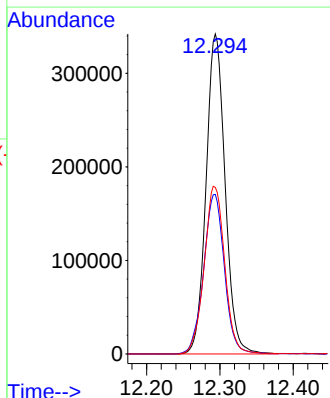
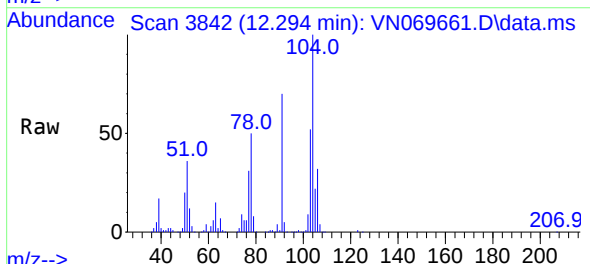
Manual Integrations
APPROVED

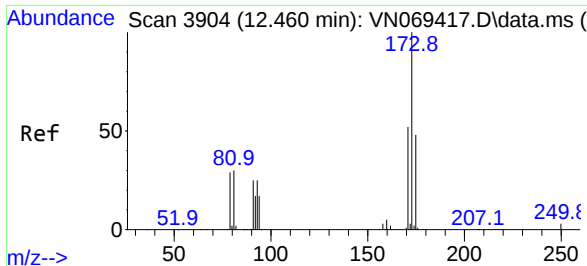
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#70
Styrene
Concen: 17.212 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion:104 Resp: 618316
Ion Ratio Lower Upper
104 100
78 54.5 38.7 58.1
103 56.6 45.0 67.6





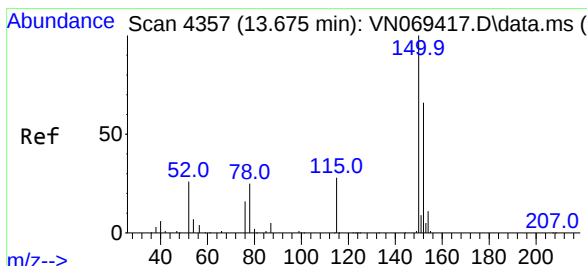
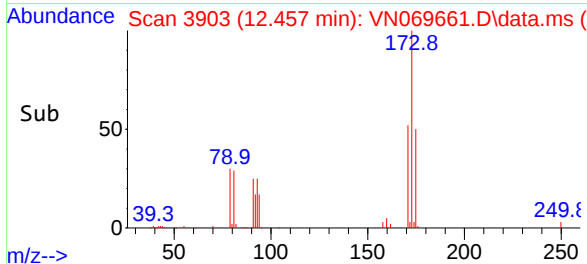
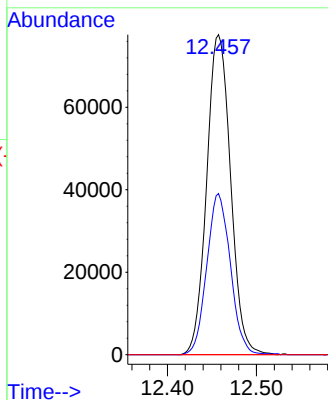
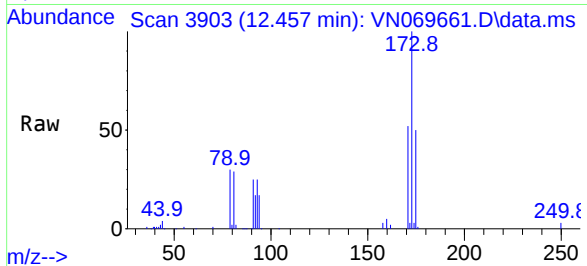
#71
Bromoform
Concen: 17.690 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:173 Resp: 145120
Ion Ratio Lower Upper
173 100
175 49.7 24.2 72.6
254 0.0 0.0 0.0

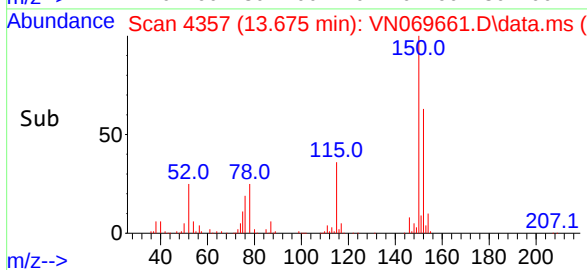
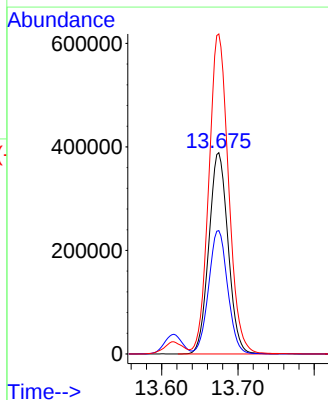
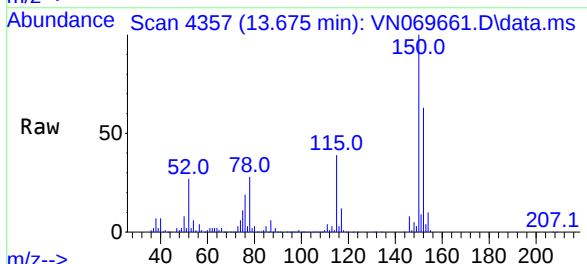
Manual Integrations
APPROVED

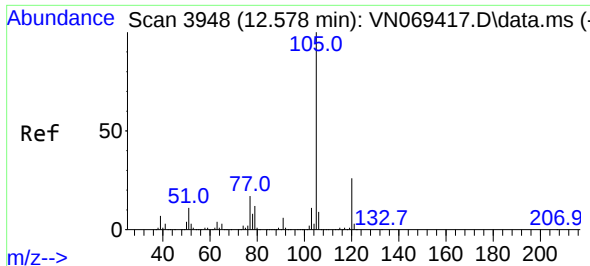
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

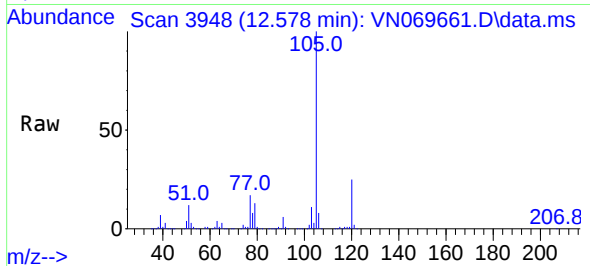
Tgt Ion:152 Resp: 680375
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 163.4 0.0 344.4





#73
Isopropylbenzene
Concen: 18.928 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

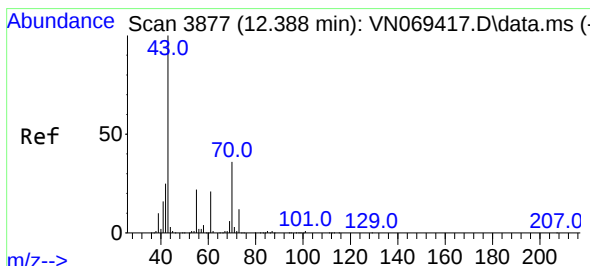
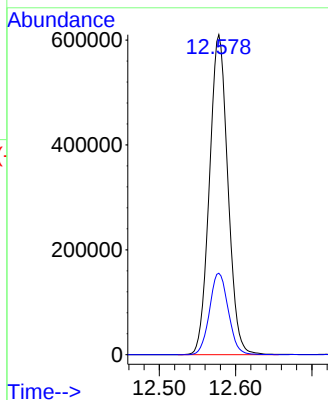
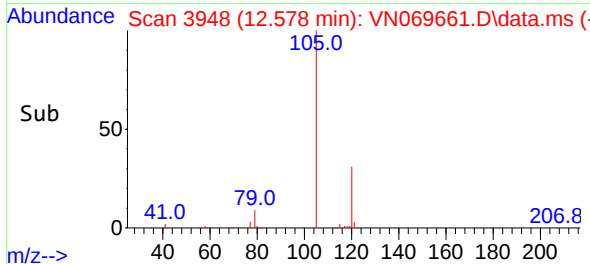
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



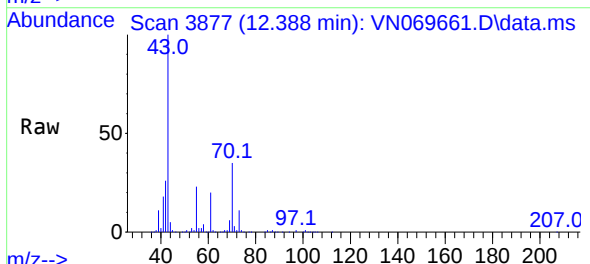
Tgt Ion:105 Resp: 102535
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

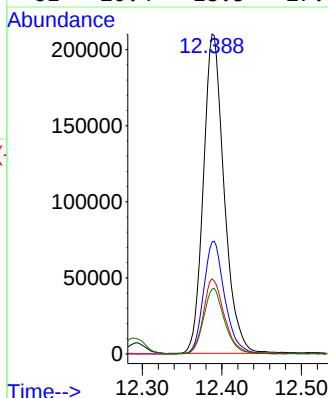
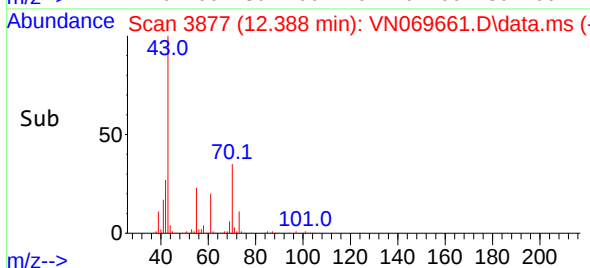
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

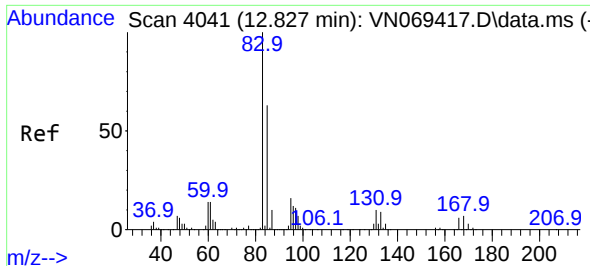


#74
N-ethyl acetate
Concen: 16.603 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



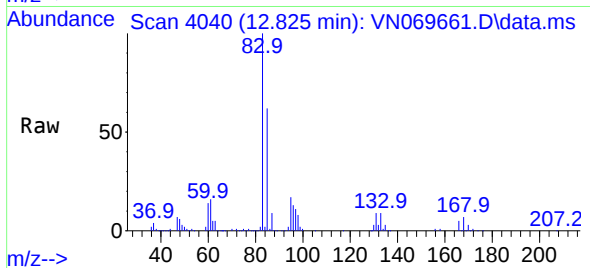
Tgt Ion: 43 Resp: 381160
Ion Ratio Lower Upper
43 100
70 36.1 33.4 50.0
55 23.9 19.3 28.9
61 20.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.165 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

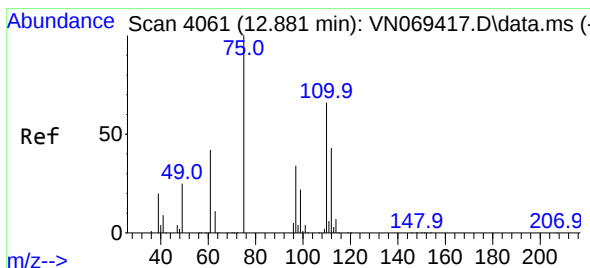
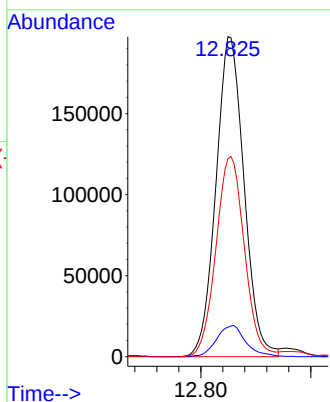
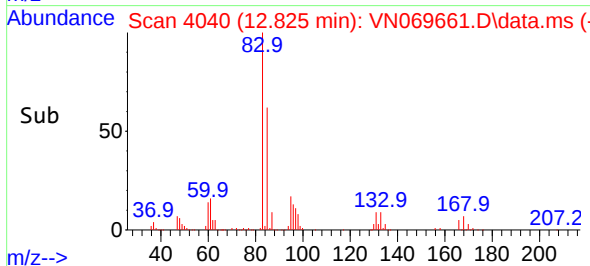
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



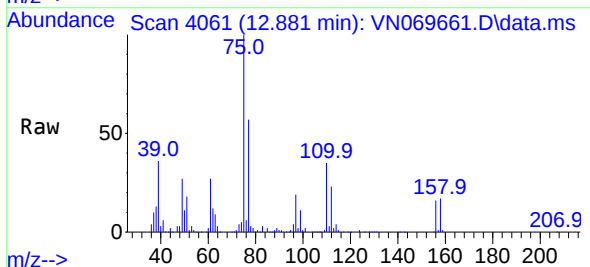
Tgt Ion: 83 Resp: 350164
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.4 32.4 97.2

Manual Integrations
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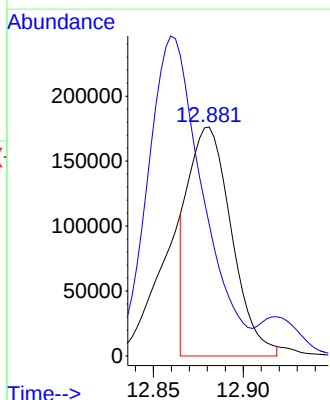
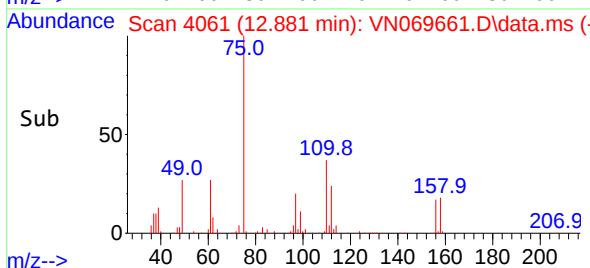
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

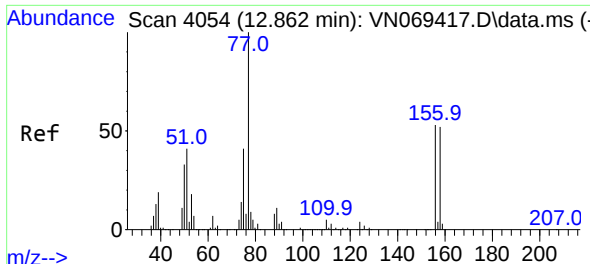


#76
1,2,3-Trichloropropane
Concen: 18.640 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



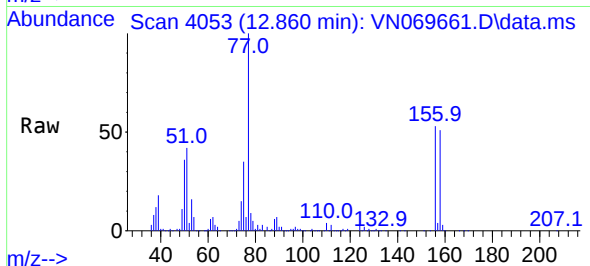
Tgt Ion: 75 Resp: 292674
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.097 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

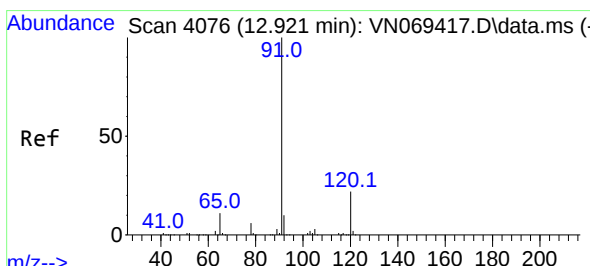
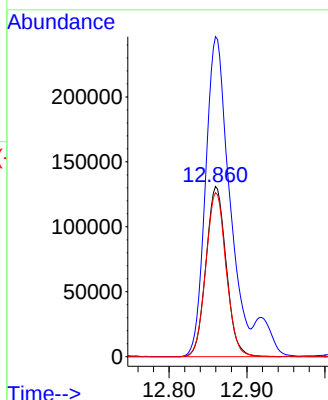
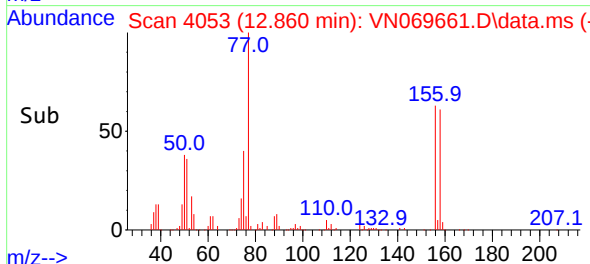
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion:156 Resp: 236598
Ion Ratio Lower Upper
156 100
77 221.0 90.6 271.8
158 97.0 48.9 146.7

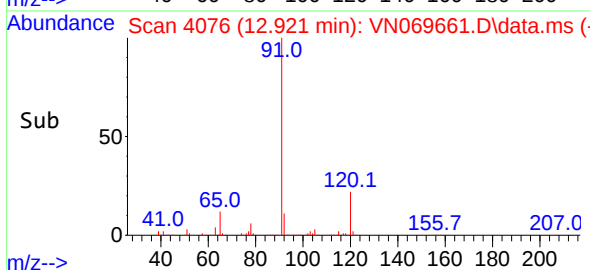
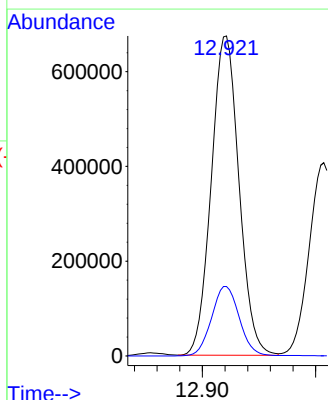
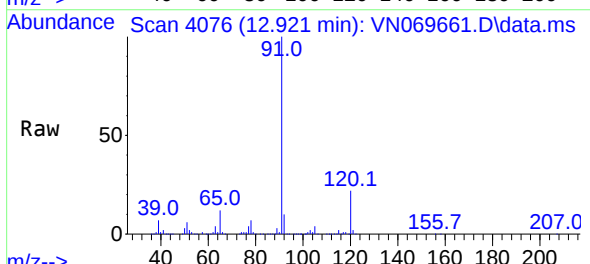
Manual Integrations
APPROVED

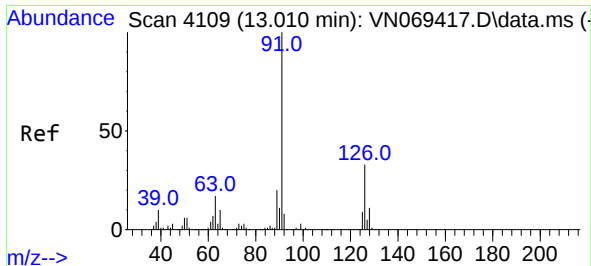
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#78
n-propylbenzene
Concen: 18.772 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion: 91 Resp: 1144263
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





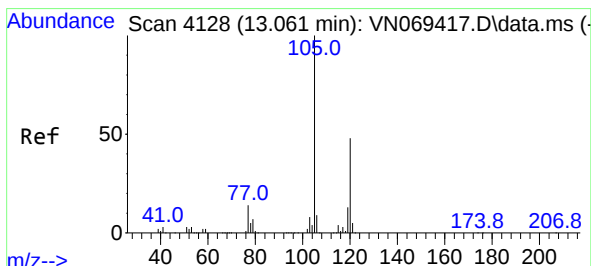
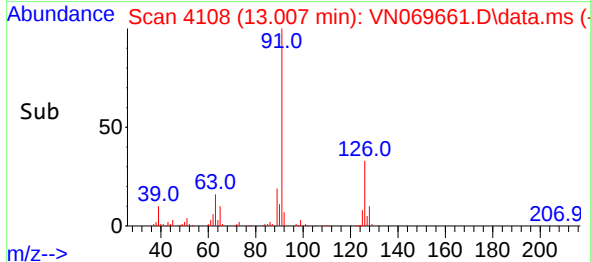
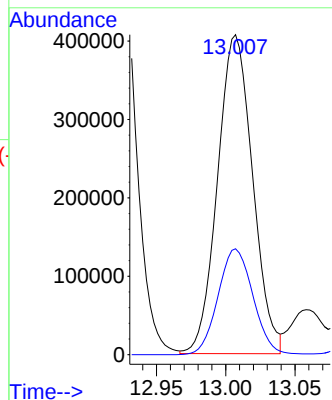
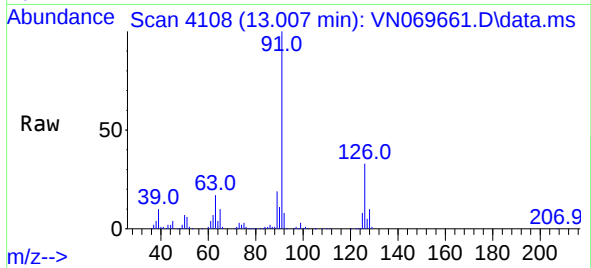
#79
2-Chlorotoluene
Concen: 19.004 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 91 Resp: 717244
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

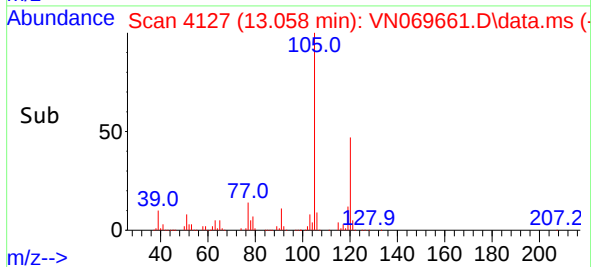
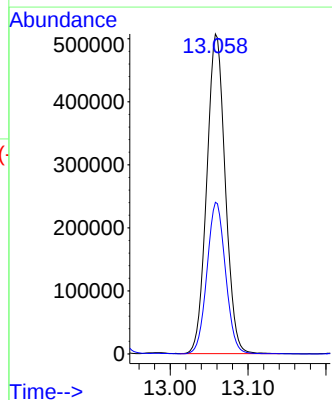
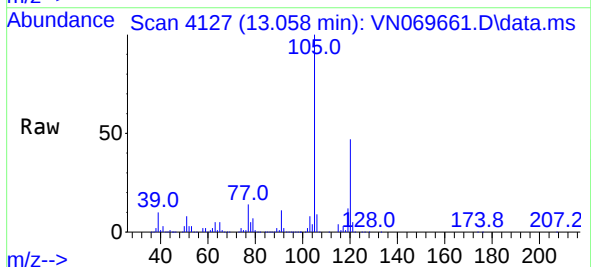
Manual Integrations
APPROVED

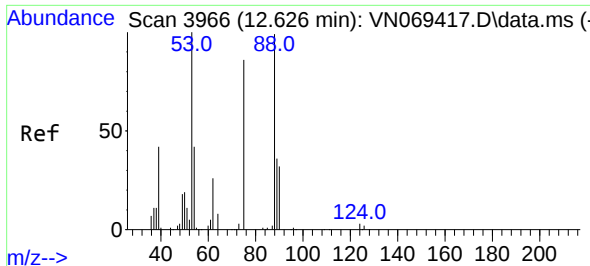
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.114 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion:105 Resp: 837091
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





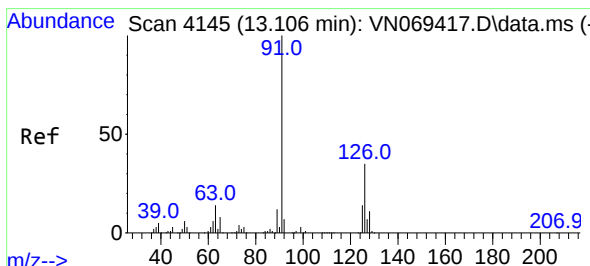
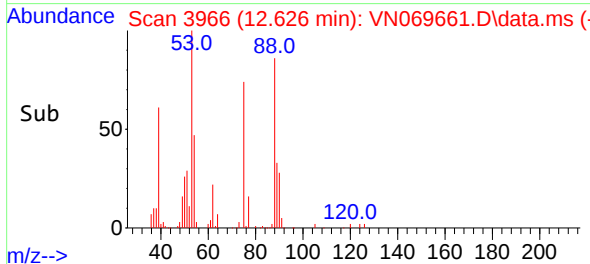
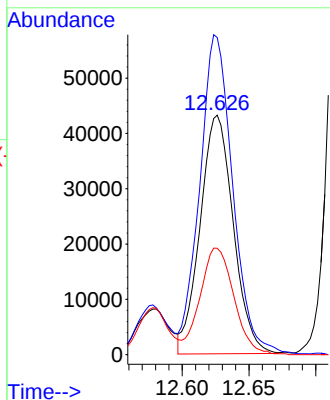
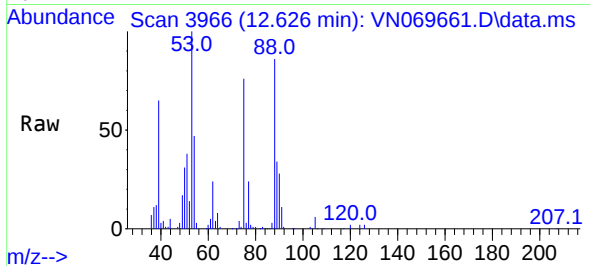
#81
trans-1,4-Dichloro-2-butene
Concen: 18.286 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 75 Resp: 74560
Ion Ratio Lower Upper
75 100
53 133.0 90.5 135.7
89 45.6 38.2 57.4

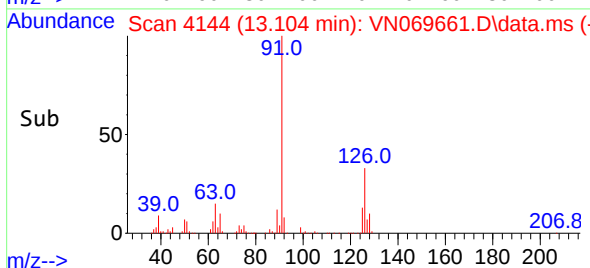
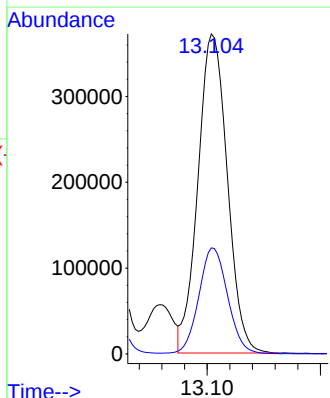
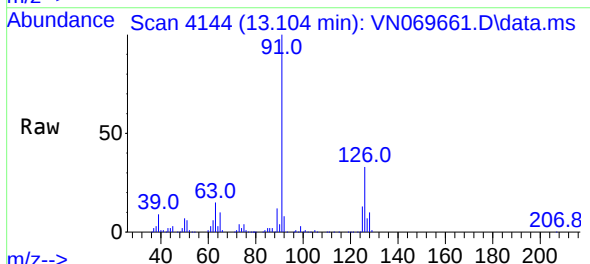
Manual Integrations
APPROVED

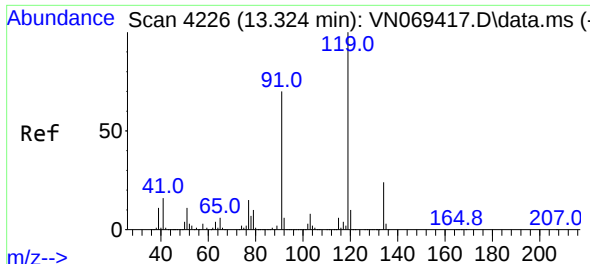
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#82
4-Chlorotoluene
Concen: 18.574 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

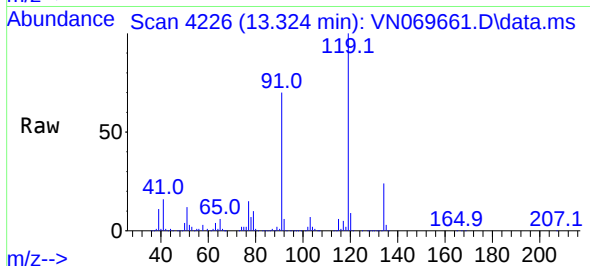
Tgt Ion: 91 Resp: 668254
Ion Ratio Lower Upper
91 100
126 32.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.501 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

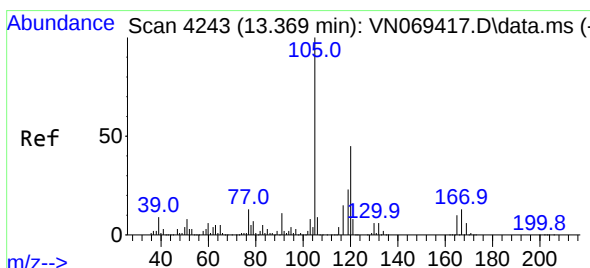
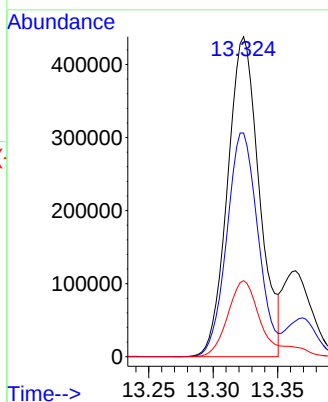
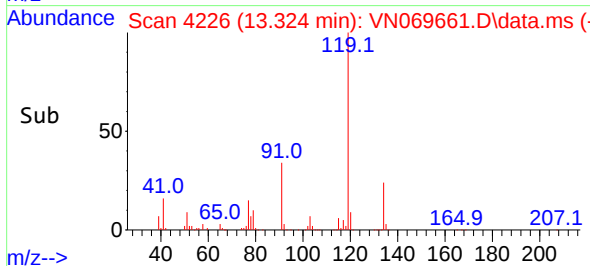
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



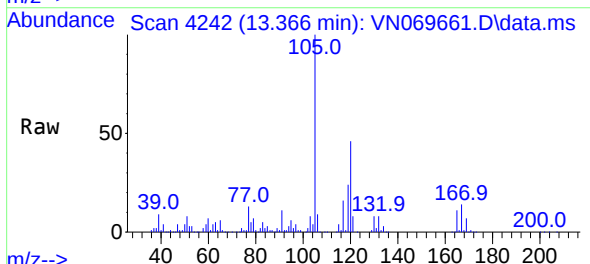
Tgt Ion:119 Resp: 748408
Ion Ratio Lower Upper
119 100
91 69.0 31.5 94.5
134 26.0 12.4 37.4

Manual Integrations
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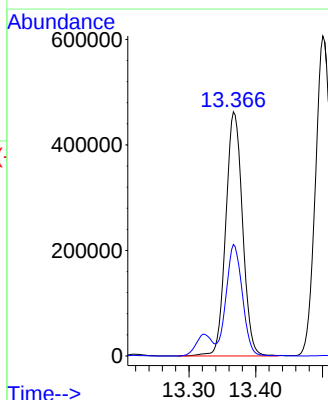
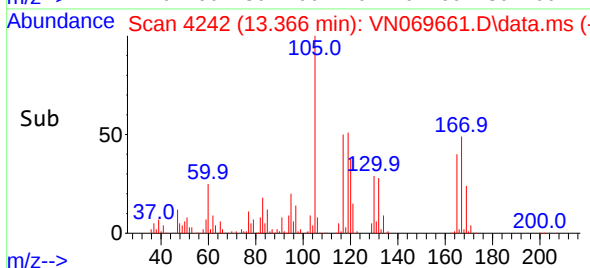
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

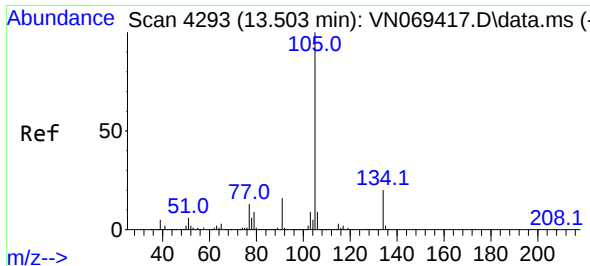


#84
1,2,4-Trimethylbenzene
Concen: 19.126 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



Tgt Ion:105 Resp: 808633
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





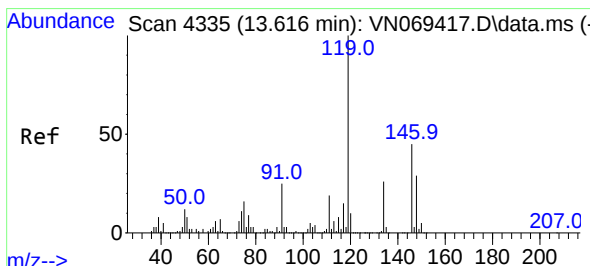
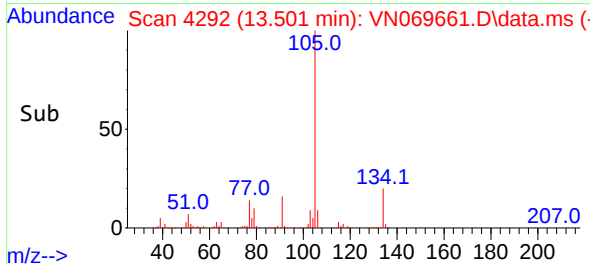
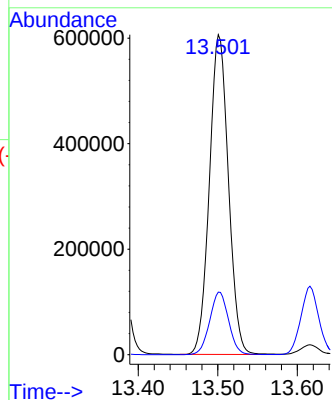
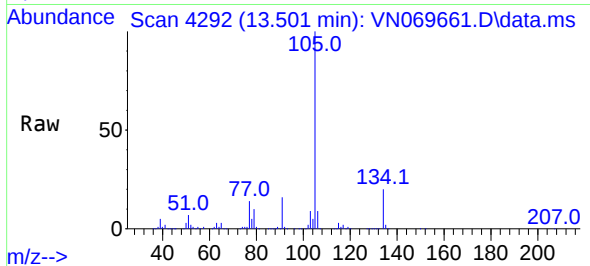
#85
 sec-Butylbenzene
 Concen: 18.764 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069661.D
 Acq: 29 Nov 2021 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Tgt Ion:105 Resp: 100592
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

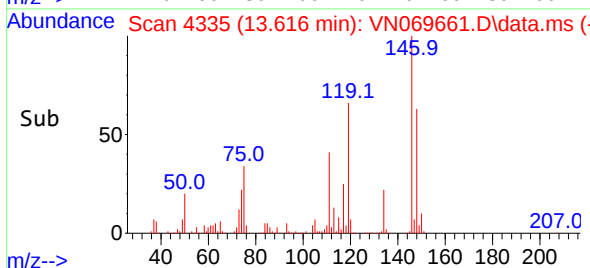
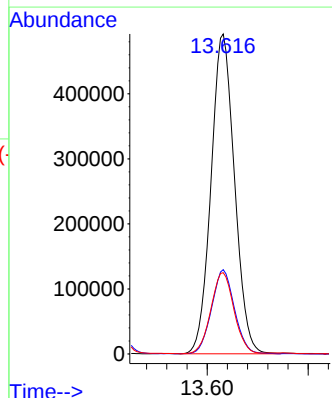
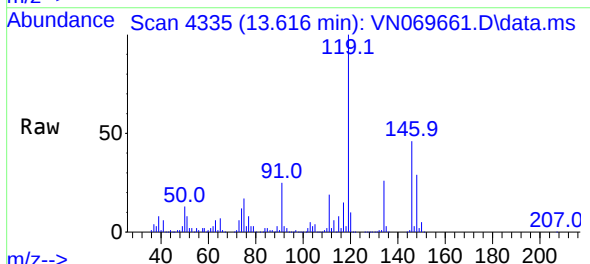
Manual Integrations
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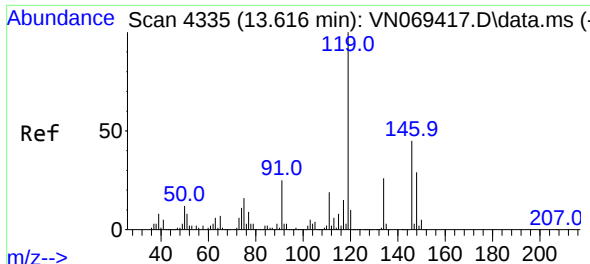
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#86
 p-Isopropyltoluene
 Concen: 18.624 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069661.D
 Acq: 29 Nov 2021 13:20

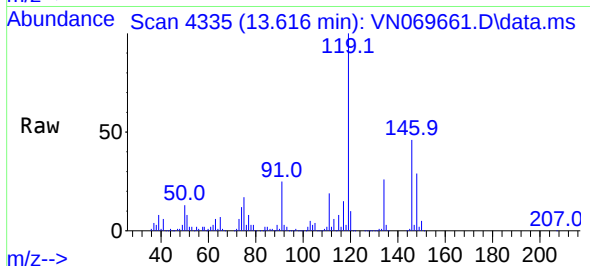
Tgt Ion:119 Resp: 792606
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.441 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

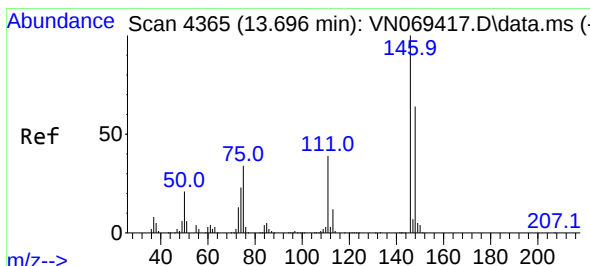
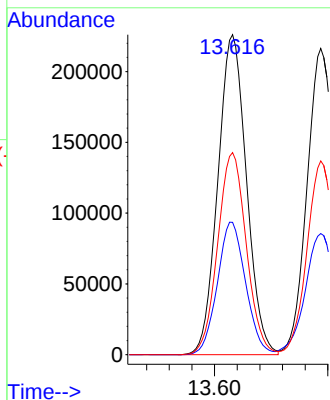
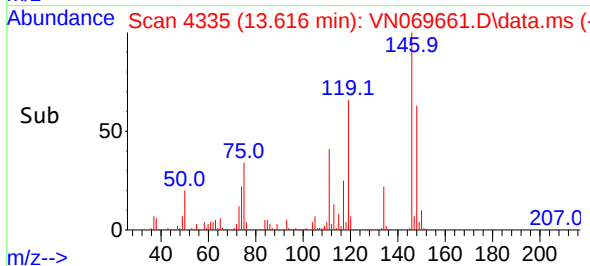
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



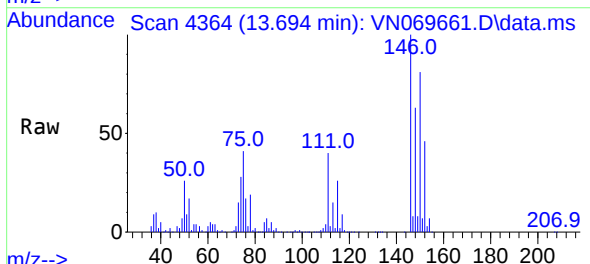
Tgt Ion:146 Resp: 396104
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 63.3 31.6 95.0

Manual Integrations
APPROVED

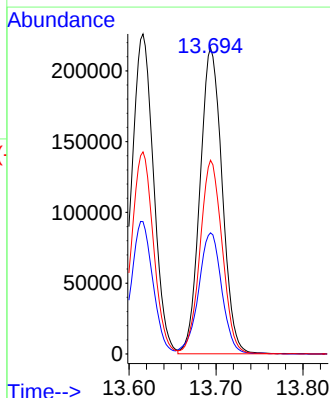
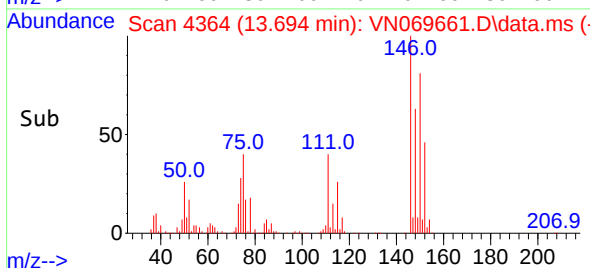
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

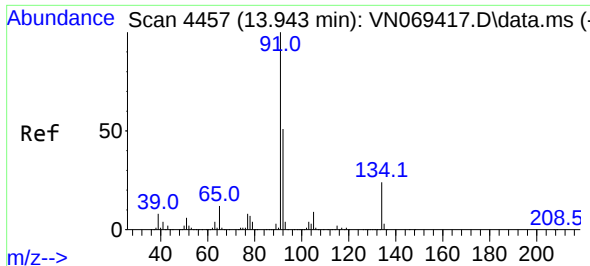


#88
1,4-Dichlorobenzene
Concen: 18.179 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



Tgt Ion:146 Resp: 383077
Ion Ratio Lower Upper
146 100
111 41.0 18.3 54.8
148 63.7 31.8 95.4





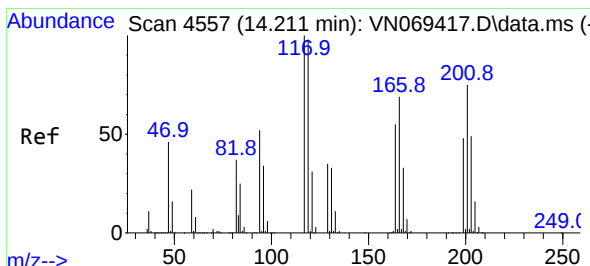
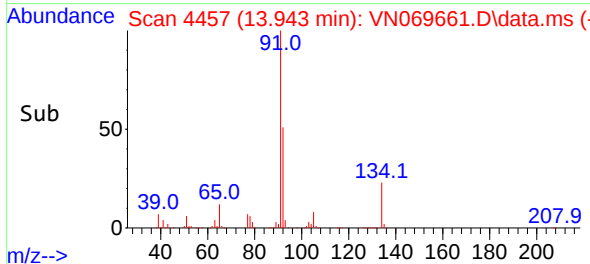
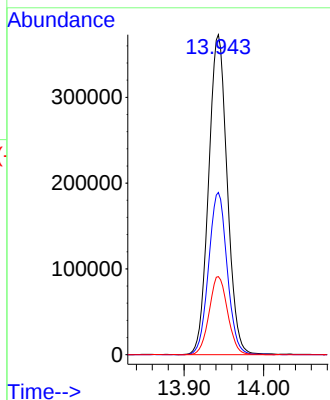
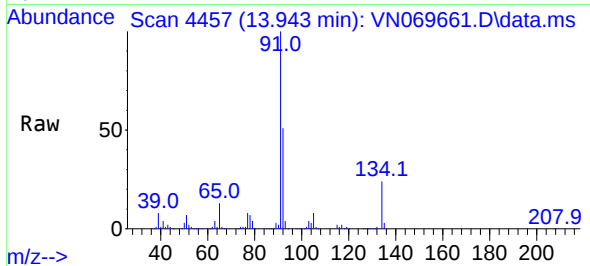
#89
n-Butylbenzene
Concen: 17.107 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 91 Resp: 607120
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.0
134 24.3 13.6 40.8

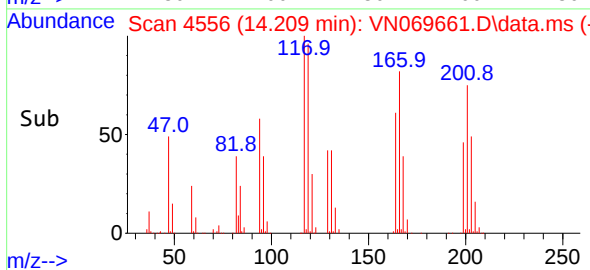
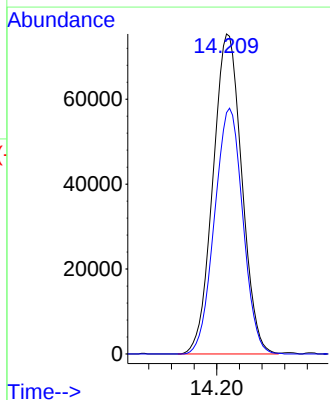
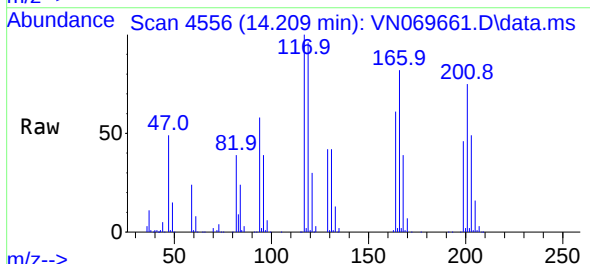
Manual Integrations
APPROVED

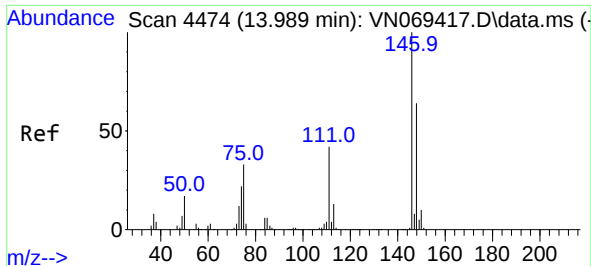
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#90
Hexachloroethane
Concen: 18.451 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

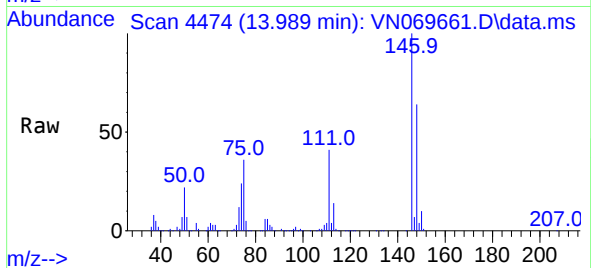
Tgt Ion:117 Resp: 133177
Ion Ratio Lower Upper
117 100
201 75.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.984 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

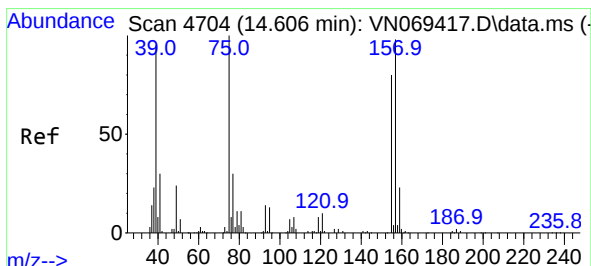
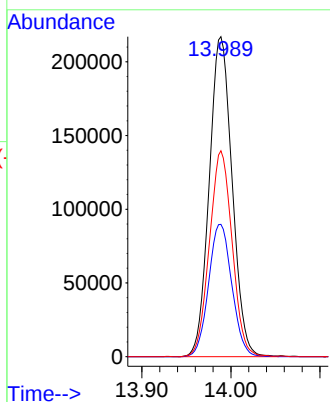
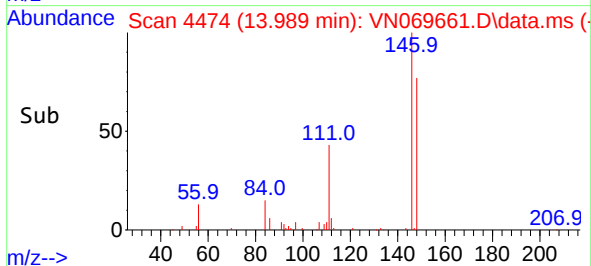
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



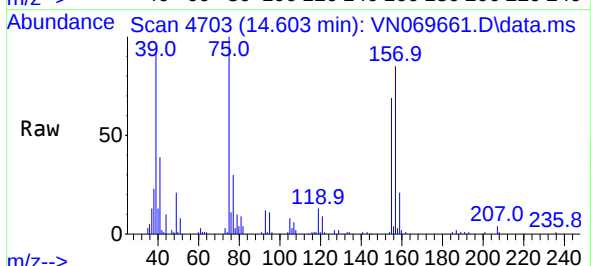
Tgt Ion:146 Resp: 38801
Ion Ratio Lower Upper
146 100
111 42.0 19.1 57.3
148 64.0 32.1 96.3

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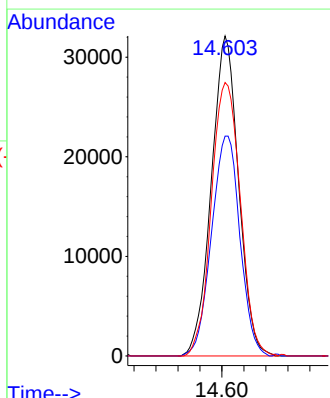
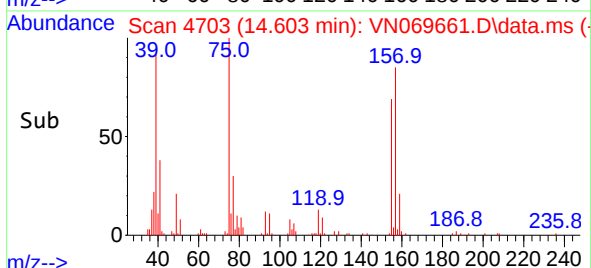
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

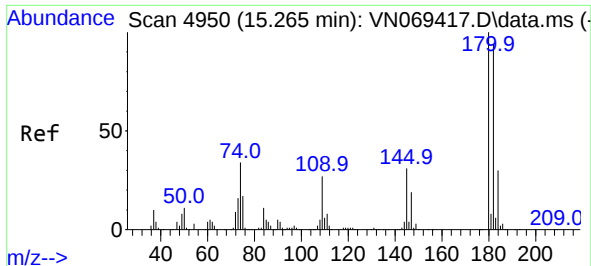


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.493 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



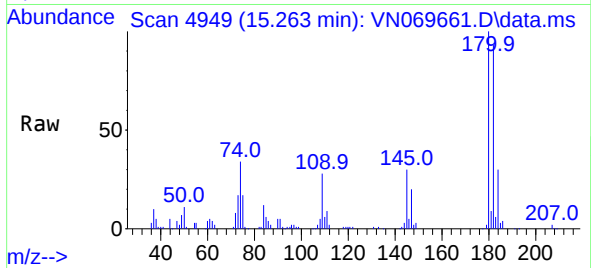
Tgt Ion: 75 Resp: 55305
Ion Ratio Lower Upper
75 100
155 71.6 46.9 140.7
157 90.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 16.643 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

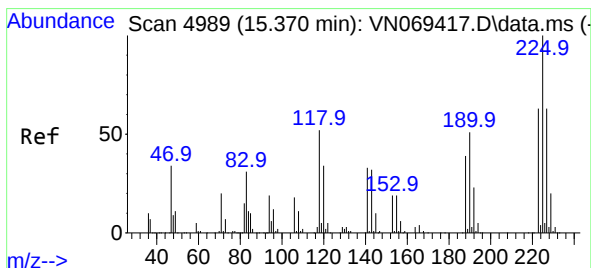
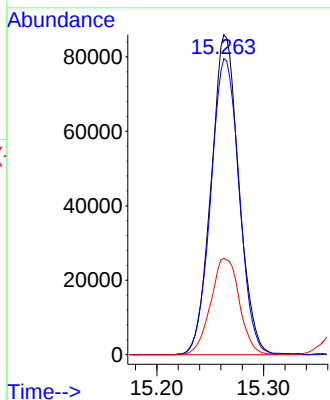
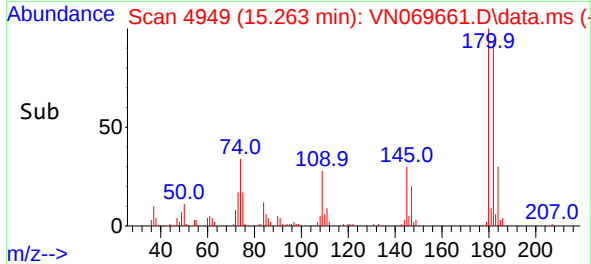
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



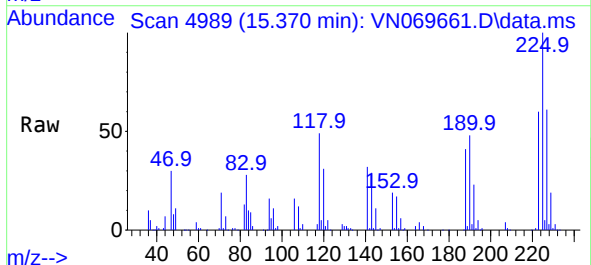
Tgt Ion:180 Resp: 15451
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 31.3 14.5 43.5

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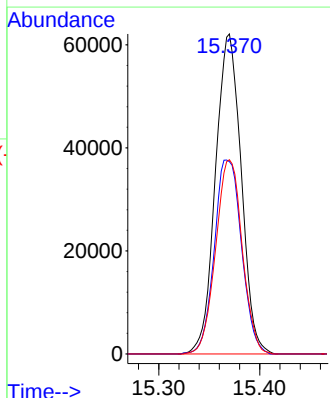
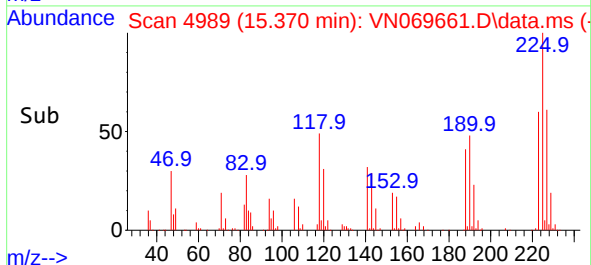
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

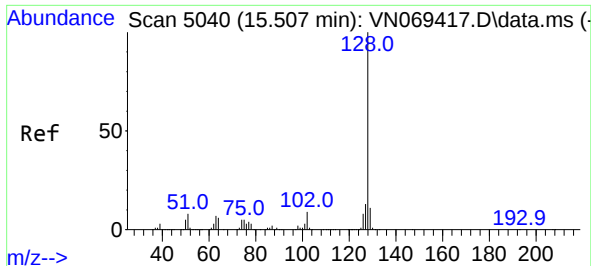


#94
Hexachlorobutadiene
Concen: 20.692 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20



Tgt Ion:225 Resp: 109892
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.7
227 62.5 32.1 96.3





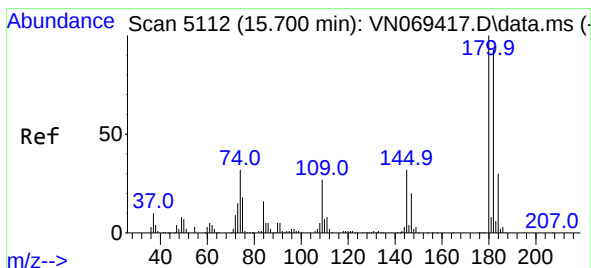
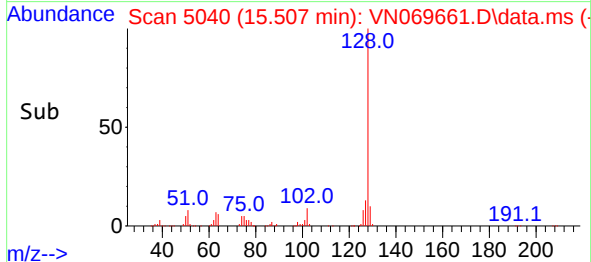
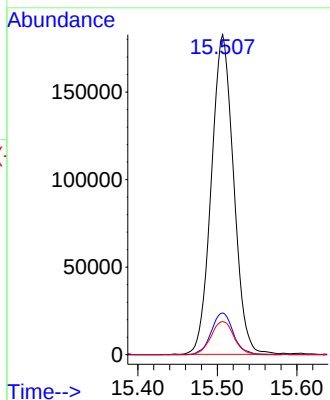
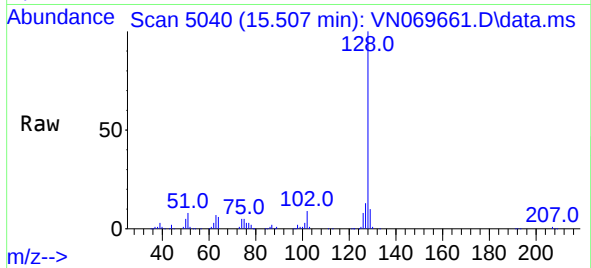
#95
Naphthalene
Concen: 15.189 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:128 Resp: 356010
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#96
1,2,3-Trichlorobenzene
Concen: 16.591 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069661.D
Acq: 29 Nov 2021 13:20

Tgt Ion:180 Resp: 146755
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 33.4 15.0 45.1

