

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069586.D
 Acq On : 19 Nov 2021 15:13
 Operator : JC/MD
 Sample : VN1119WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 05:03:59 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	1085386	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1592062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1459272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	606616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	704684	44.777	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.560%		
35) Dibromofluoromethane	8.021	113	501417	52.513	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.020%		
50) Toluene-d8	10.440	98	1870724	49.814	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.620%		
62) 4-Bromofluorobenzene	12.731	95	680367	49.316	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	179308	15.463	ug/l	98
3) Chloromethane	2.303	50	201182	14.960	ug/l	98
4) Vinyl Chloride	2.448	62	197104	14.638	ug/l	100
5) Bromomethane	2.859	94	124386	14.224	ug/l	100
6) Chloroethane	3.022	64	128513	14.140	ug/l	100
7) Trichlorofluoromethane	3.376	101	300269	14.429	ug/l	98
8) Diethyl Ether	3.824	74	114978	17.077	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.208	101	166455	16.980	ug/l	97
10) Methyl Iodide	4.419	142	198355	16.497	ug/l	98
11) Tert butyl alcohol	5.380	59	232890	82.124	ug/l	100
12) 1,1-Dichloroethene	4.178	96	146839	16.692	ug/l	92
13) Acrolein	4.039	56	41576	99.553	ug/l	99
14) Allyl chloride	4.840	41	316960	16.297	ug/l #	93
15) Acrylonitrile	5.557	53	638030	87.858	ug/l	99
16) Acetone	4.288	43	765605	90.166	ug/l	96
17) Carbon Disulfide	4.524	76	257273	12.372	ug/l	98
18) Methyl Acetate	4.859	43	474214	17.181	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	637710	17.129	ug/l	96
20) Methylene Chloride	5.101	84	194390	16.145	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	155054	15.780	ug/l	90
22) Diisopropyl ether	6.498	45	730526	17.437	ug/l	95
23) Vinyl Acetate	6.436	43	2773197	85.582	ug/l	95
24) 1,1-Dichloroethane	6.388	63	360176	16.878	ug/l	98
25) 2-Butanone	7.337	43	1011548	87.979	ug/l	91
26) 2,2-Dichloropropane	7.327	77	301843	18.079	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	202621	16.635	ug/l	87
28) Bromochloromethane	7.657	49	199682	18.272	ug/l #	80
29) Tetrahydrofuran	7.689	42	620251	87.907	ug/l	90
30) Chloroform	7.817	83	380711	17.402	ug/l	100
31) Cyclohexane	8.094	56	327851	15.249	ug/l #	86
32) 1,1,1-Trichloroethane	8.013	97	316103	17.310	ug/l	88
36) 1,1-Dichloropropene	8.222	75	252030	18.814	ug/l	96
37) Ethyl Acetate	7.415	43	379928	20.980	ug/l	96
38) Carbon Tetrachloride	8.206	117	245446	18.978	ug/l	98
39) Methylcyclohexane	9.459	83	301555	18.096	ug/l	90
40) Benzene	8.461	78	790981	19.129	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	185789	19.856	ug/l	89
42) 1,2-Dichloroethane	8.531	62	331441	20.471	ug/l	96
43) Isopropyl Acetate	8.563	43	593570	20.407	ug/l #	96
44) Trichloroethene	9.217	130	189872	19.187	ug/l	88
45) 1,2-Dichloropropane	9.488	63	222084	20.103	ug/l	99
46) Dibromomethane	9.577	93	146880	19.850	ug/l	92
47) Bromodichloromethane	9.762	83	283597	20.538	ug/l	98
48) Methyl methacrylate	9.561	41	263403	19.248	ug/l	89
49) 1,4-Dioxane	9.572	88	91446	363.081	ug/l	92
51) 4-Methyl-2-Pentanone	10.331	43	1958145	104.297	ug/l	95
52) Toluene	10.505	92	490081	19.025	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	277178	18.102	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	302424	18.051	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	211305	20.349	ug/l	97
56) Ethyl methacrylate	10.760	69	339512	18.690	ug/l #	75
57) 1,3-Dichloropropane	11.047	76	365886	20.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	377958	91.043	ug/l	91
59) 2-Hexanone	11.087	43	1427648	95.141	ug/l	93
60) Dibromochloromethane	11.240	129	193156	18.546	ug/l	99
61) 1,2-Dibromoethane	11.347	107	236222	21.015	ug/l	86
64) Tetrachloroethene	10.977	164	171664	19.482	ug/l	93
65) Chlorobenzene	11.771	112	532717	19.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	201814	21.421	ug/l	97
67) Ethyl Benzene	11.846	91	977480	19.512	ug/l	95
68) m/p-Xylenes	11.953	106	722136	39.194	ug/l	98
69) o-Xylene	12.280	106	360463	19.625	ug/l	93
70) Styrene	12.294	104	577322	18.494	ug/l	98
71) Bromoform	12.457	173	144018	19.826	ug/l #	99
73) Isopropylbenzene	12.578	105	969759	20.078	ug/l	98
74) N-amyl acetate	12.388	43	409777	20.019	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.827	83	338666	20.790	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	292017m	20.859	ug/l	
77) Bromobenzene	12.862	156	220841	19.993	ug/l	81
78) n-propylbenzene	12.921	91	1103392	20.303	ug/l	98
79) 2-Chlorotoluene	13.007	91	634075	18.843	ug/l	97
80) 1,3,5-Trimethylbenzene	13.058	105	789825	20.228	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	108730	26.231	ug/l #	65
82) 4-Chlorotoluene	13.106	91	610760	19.040	ug/l	94
83) tert-Butylbenzene	13.348	119	1711754	50.027	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.369	105	798332	21.179	ug/l	76
85) sec-Butylbenzene	13.503	105	940339	19.673	ug/l	98
86) p-Isopropyltoluene	13.616	119	746834	19.683	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	372736	19.463	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	360246	19.175	ug/l	95
89) n-Butylbenzene	13.943	91	586389	18.532	ug/l	97
90) Hexachloroethane	14.211	117	127290	19.624	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	375500	20.605	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	59272	20.664	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	167499	19.563	ug/l	98
94) Hexachlorobutadiene	15.370	225	104172	22.000	ug/l	98
95) Naphthalene	15.507	128	465995	20.215	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	166708	20.270	ug/l	97

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VN1119WBS02

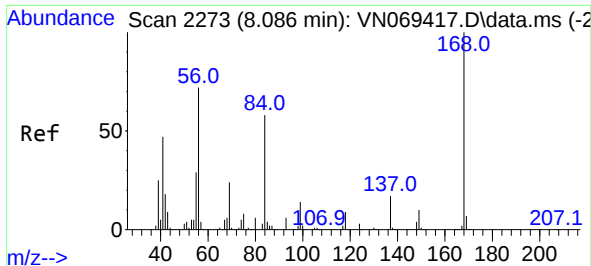
Manual Integrations
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Quant Title : SW846 8260
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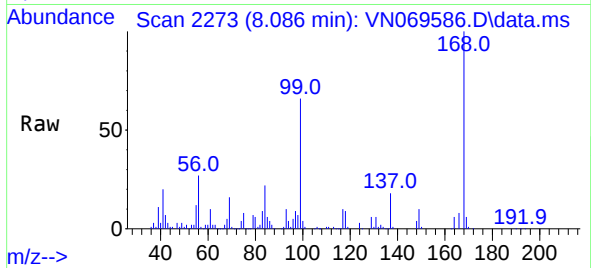
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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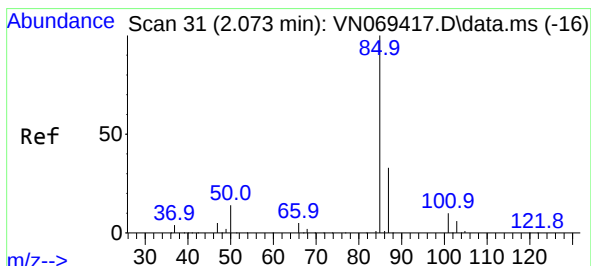
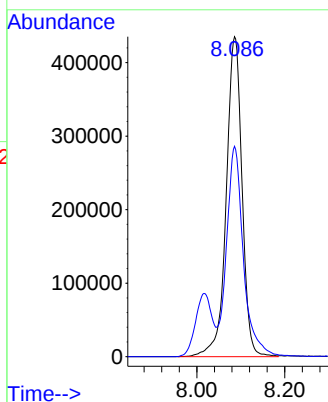
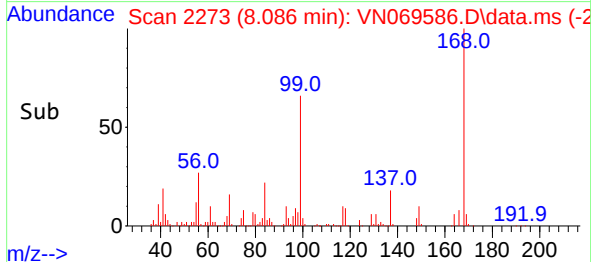
Instrument :
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Tgt Ion:168 Resp: 108538
Ion Ratio Lower Upper
168 100
99 65.7 41.3 61.9

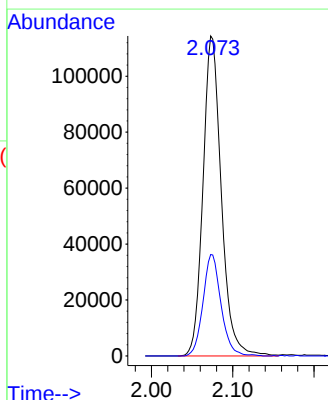
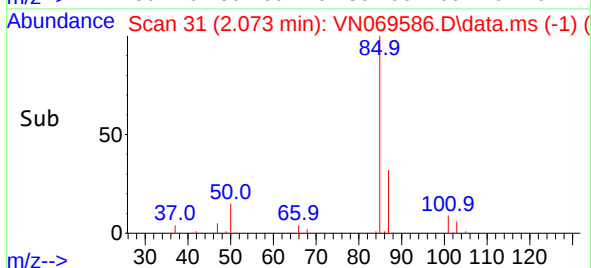
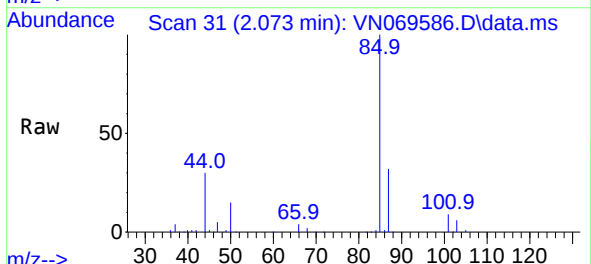
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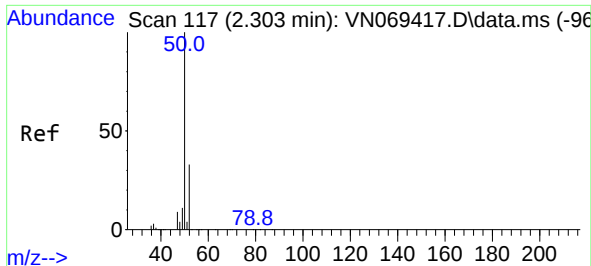
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#2
Dichlorodifluoromethane
Concen: 15.463 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 85 Resp: 179308
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





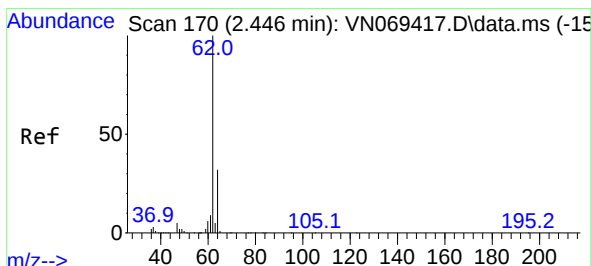
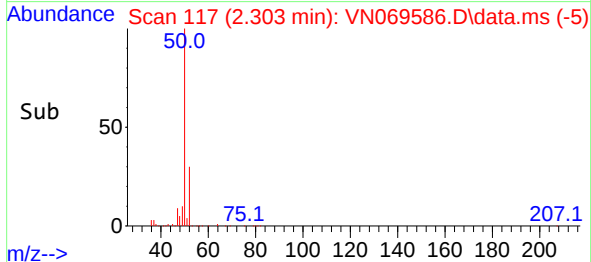
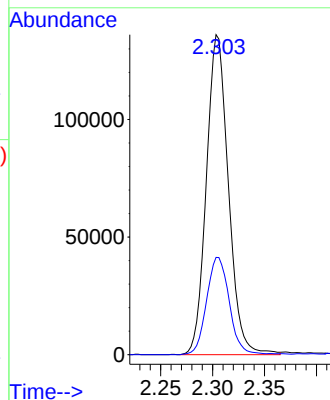
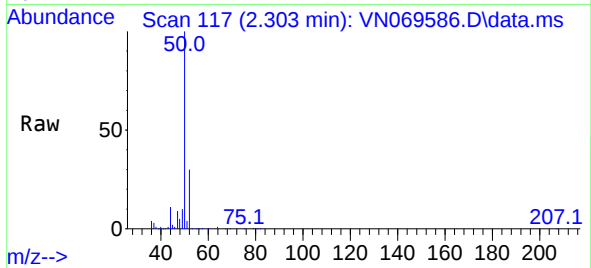
#3
Chloromethane
Concen: 14.960 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
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Tgt Ion: 50 Resp: 20118
Ion Ratio Lower Upper
50 100
52 30.4 25.4 38.0

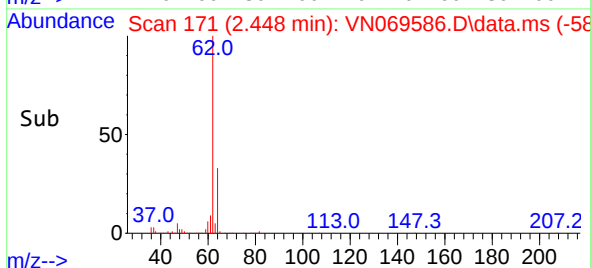
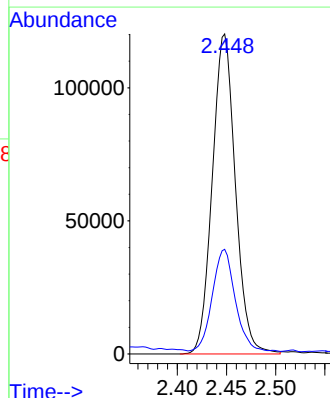
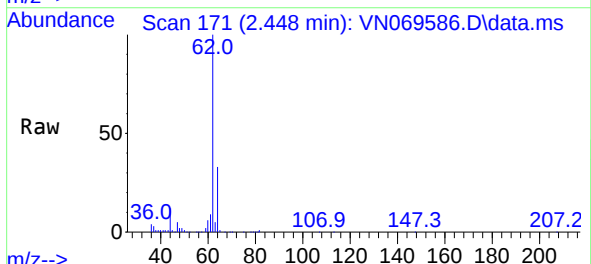
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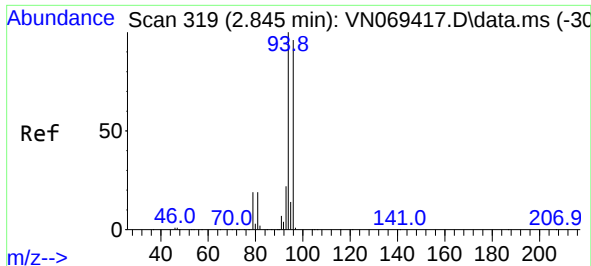
Reviewed By :John Carlone 12/01/2021
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#4
Vinyl Chloride
Concen: 14.638 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

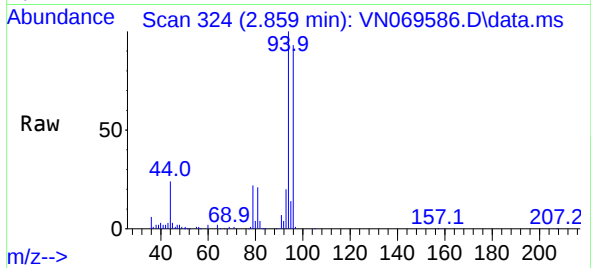
Tgt Ion: 62 Resp: 197104
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 14.224 ug/l
RT: 2.859 min Scan# 319
Delta R.T. 0.014 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

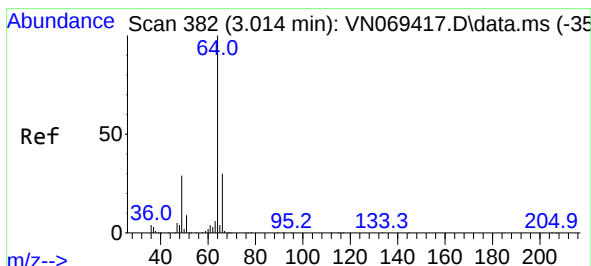
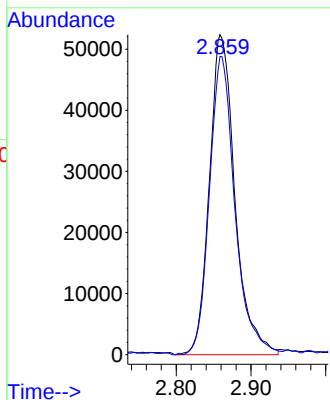
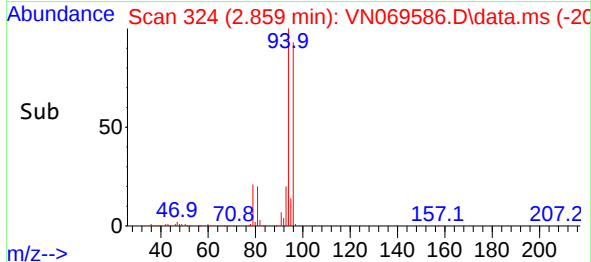
Instrument :
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Tgt Ion: 94 Resp: 124386
Ion Ratio Lower Upper
94 100
96 92.8 73.8 110.8

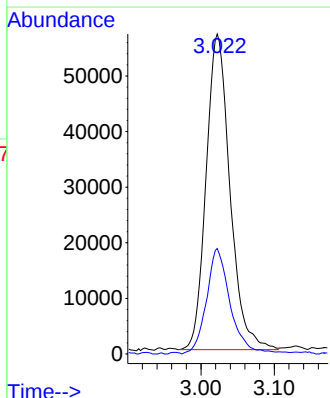
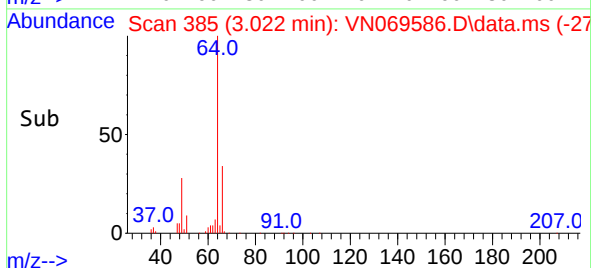
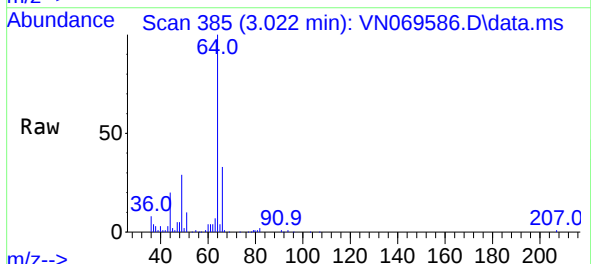
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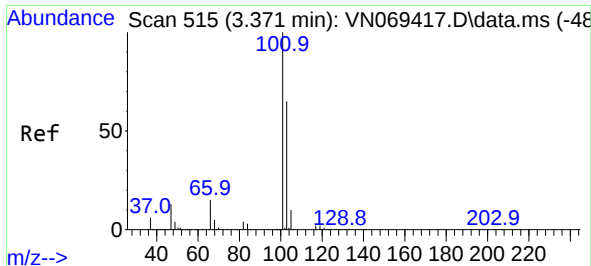
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#6
Chloroethane
Concen: 14.140 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 64 Resp: 128513
Ion Ratio Lower Upper
64 100
66 33.0 26.3 39.5





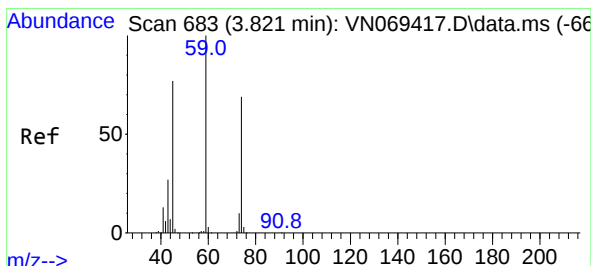
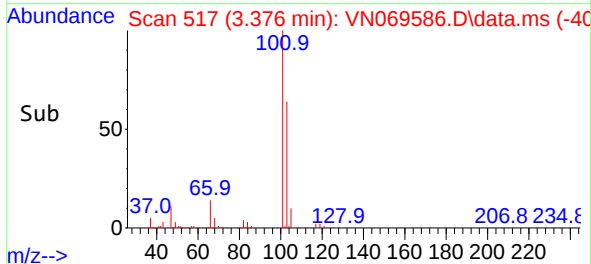
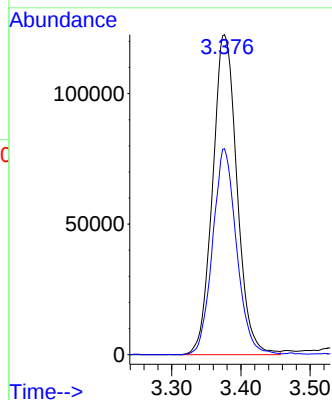
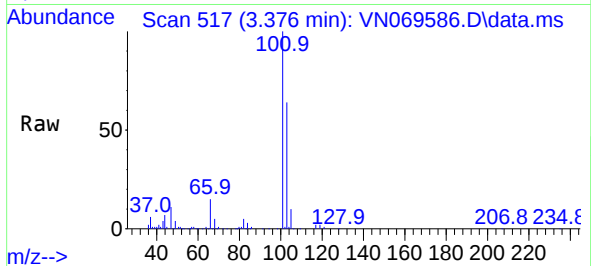
#7
Trichlorofluoromethane
Concen: 14.429 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

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Tgt Ion:101 Resp: 300269
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

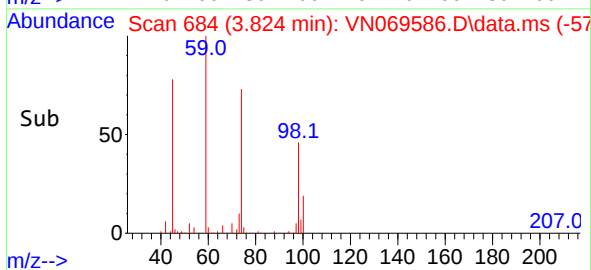
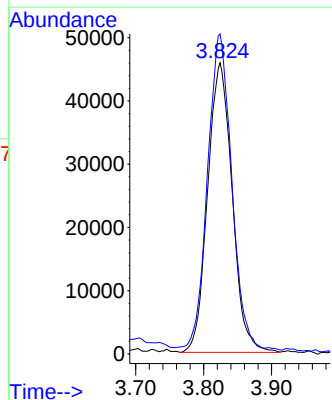
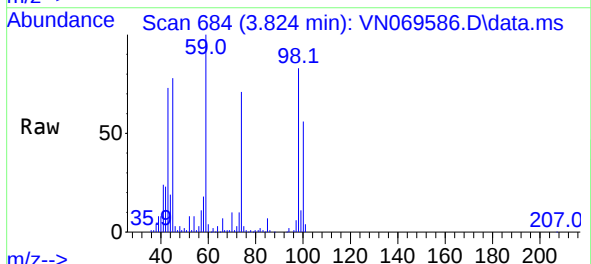
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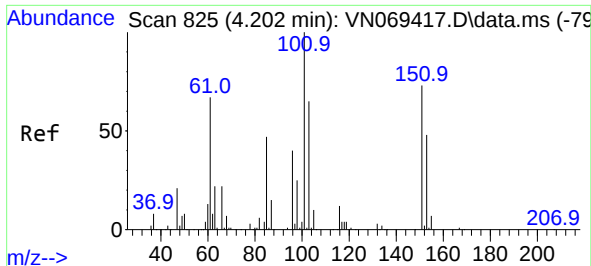
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#8
Diethyl Ether
Concen: 17.077 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 74 Resp: 114978
Ion Ratio Lower Upper
74 100
45 105.3 47.0 141.2





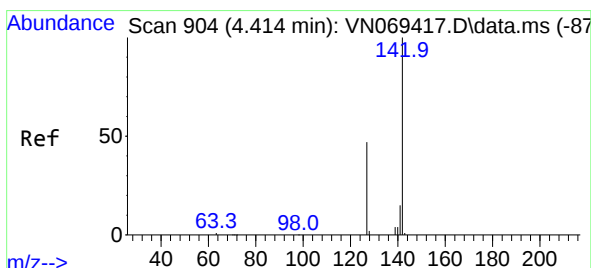
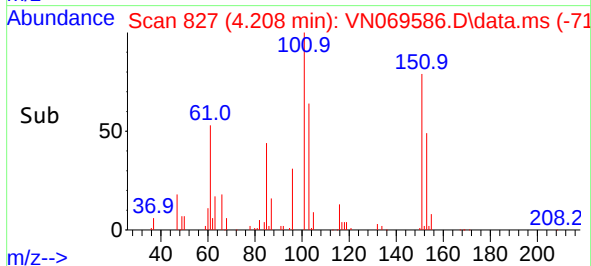
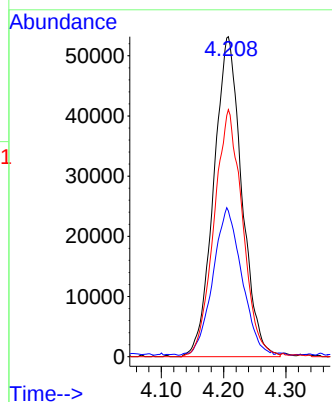
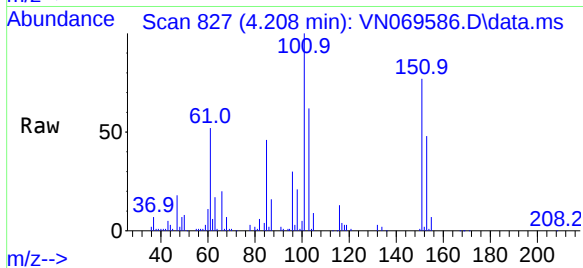
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.980 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion:101 Resp: 16645
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 78.4 65.9 98.9

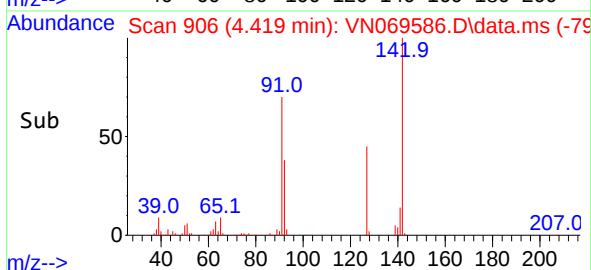
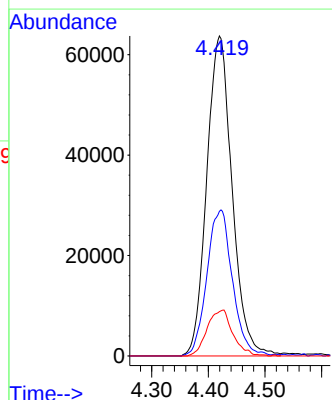
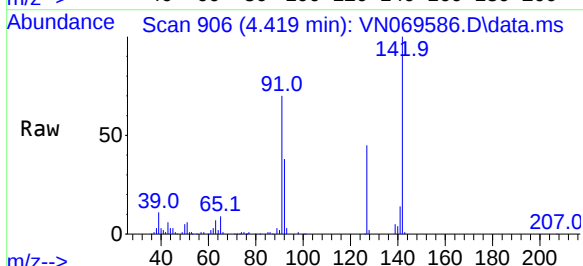
Manual Integrations
APPROVED

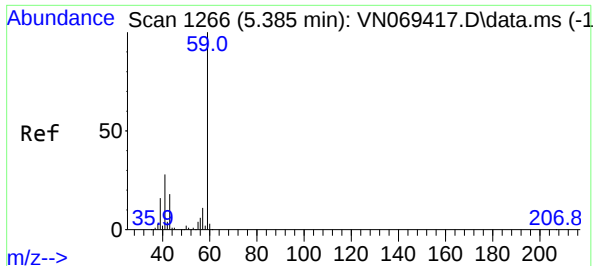
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#10
Methyl Iodide
Concen: 16.497 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

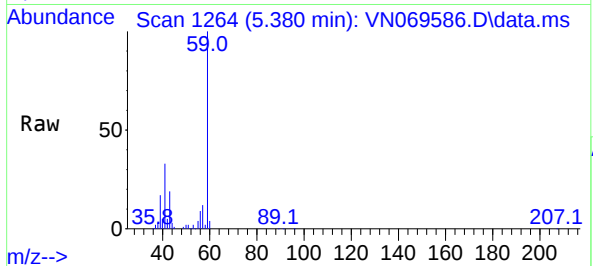
Tgt Ion:142 Resp: 198355
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 82.124 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

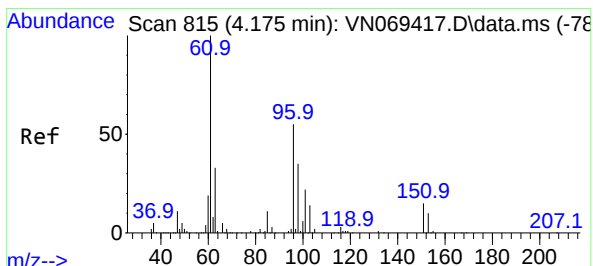
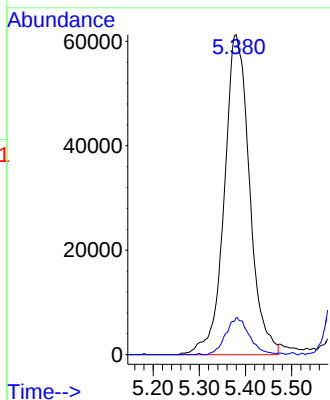
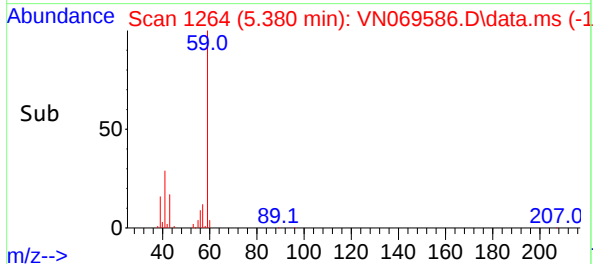
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



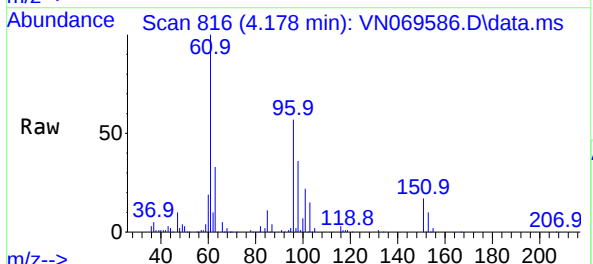
Tgt Ion: 59 Resp: 232890
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
APPROVED

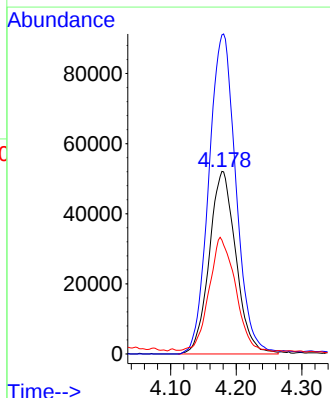
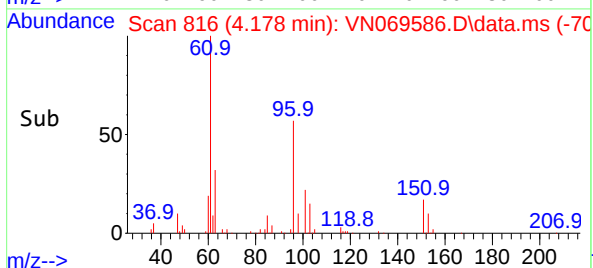
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

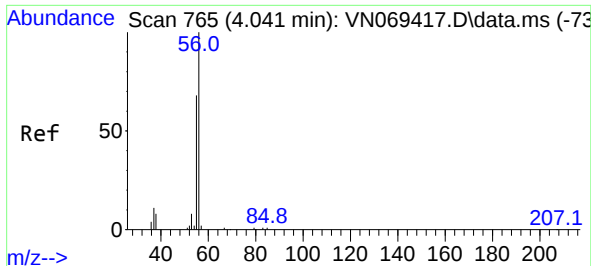


#12
1,1-Dichloroethene
Concen: 16.692 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



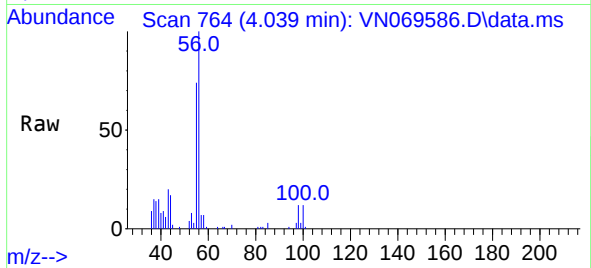
Tgt Ion: 96 Resp: 146839
Ion Ratio Lower Upper
96 100
61 174.8 131.0 196.6
98 60.6 52.4 78.6





#13
Acrolein
Concen: 99.553 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

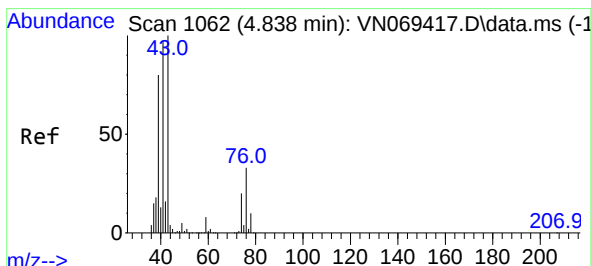
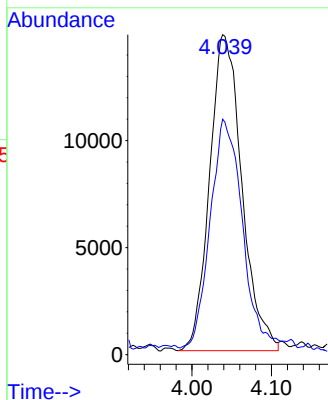
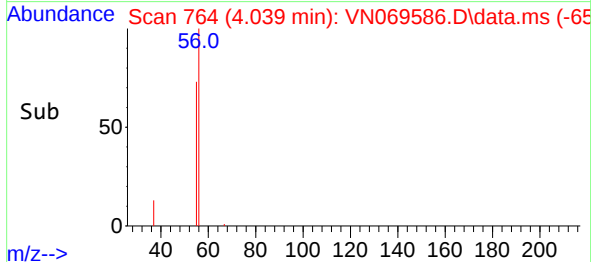
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



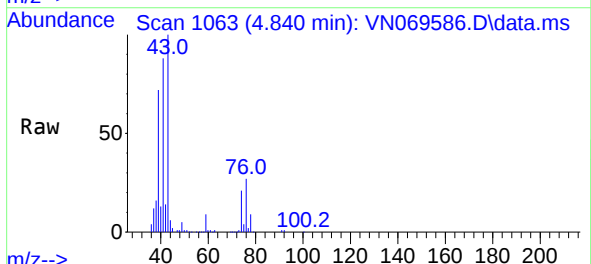
Tgt Ion: 56 Resp: 41570
Ion Ratio Lower Upper
56 100
55 71.8 56.6 85.0

Manual Integrations
APPROVED

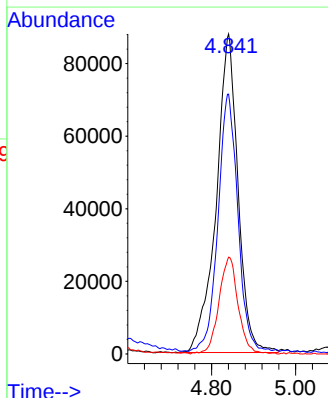
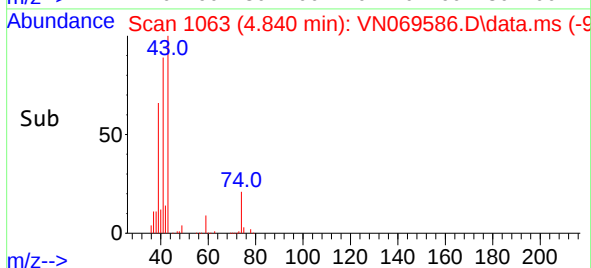
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

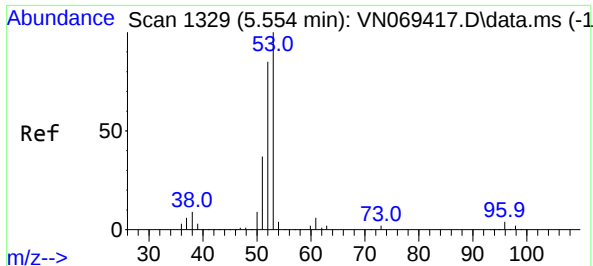


#14
Allyl chloride
Concen: 16.297 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



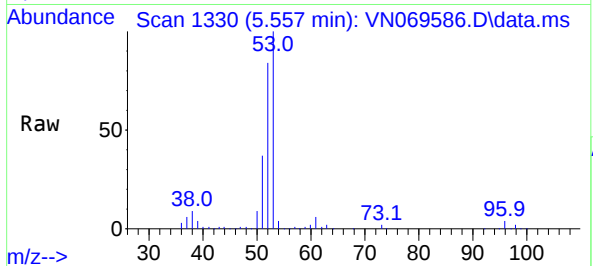
Tgt Ion: 41 Resp: 316960
Ion Ratio Lower Upper
41 100
39 72.8 61.2 91.8
76 25.7 26.0 39.0#





#15
Acrylonitrile
Concen: 87.858 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

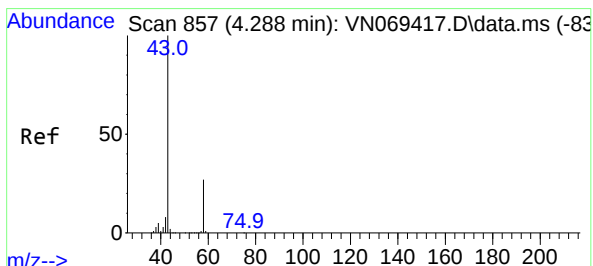
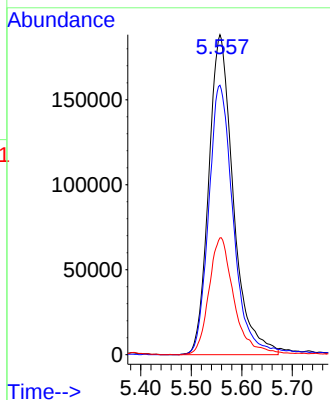
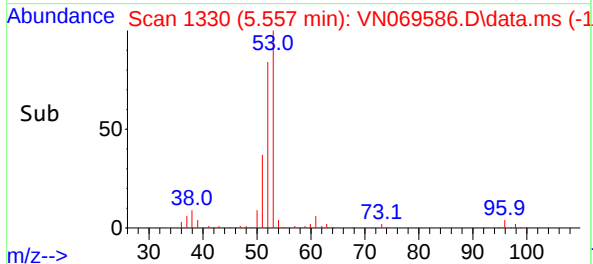
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



Tgt Ion: 53 Resp: 638030
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 37.3 29.6 44.4

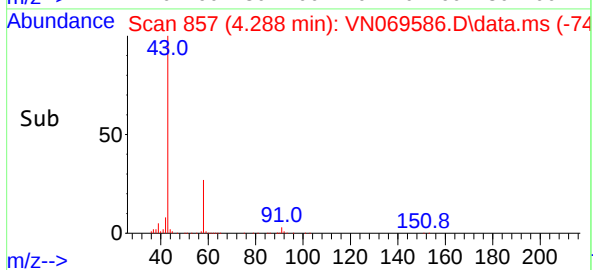
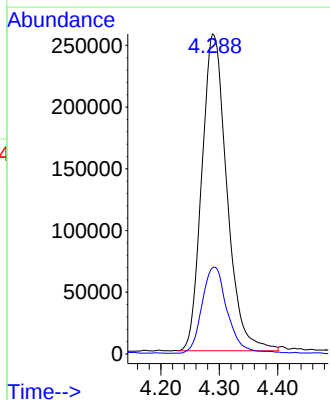
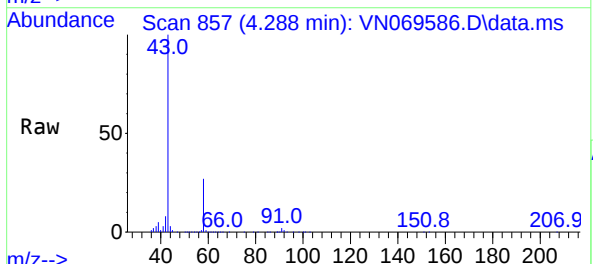
Manual Integrations
APPROVED

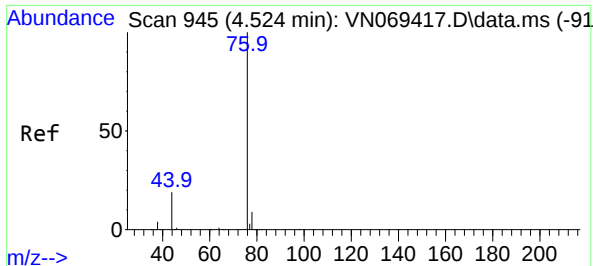
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#16
Acetone
Concen: 90.166 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

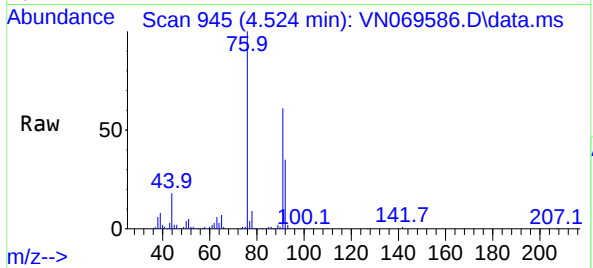
Tgt Ion: 43 Resp: 765605
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





#17
Carbon Disulfide
Concen: 12.372 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

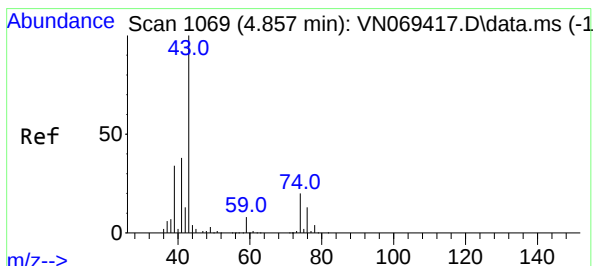
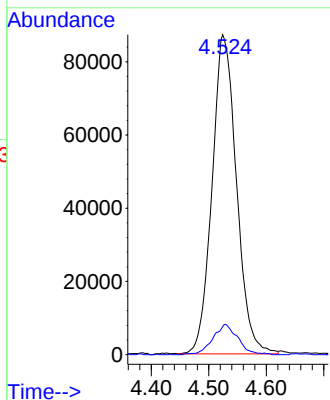
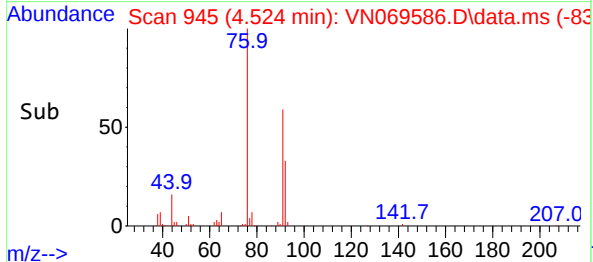
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



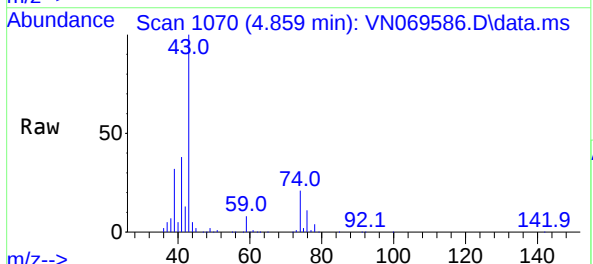
Tgt Ion: 76 Resp: 25727
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

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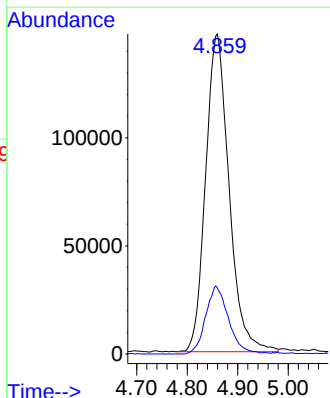
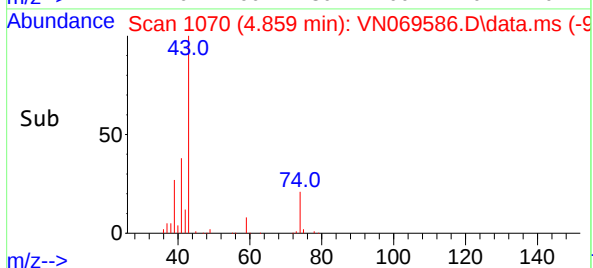
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

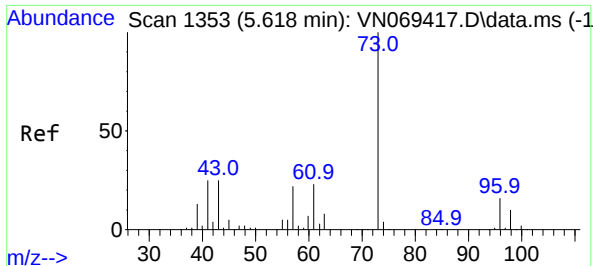


#18
Methyl Acetate
Concen: 17.181 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



Tgt Ion: 43 Resp: 474214
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 17.129 ug/l

RT: 5.618 min Scan# 1160

Delta R.T. 0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tgt Ion: 73 Resp: 637710

Ion Ratio Lower Upper

73 100

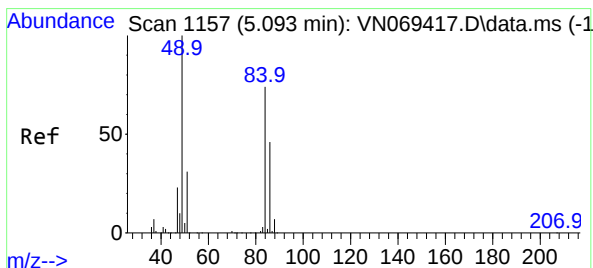
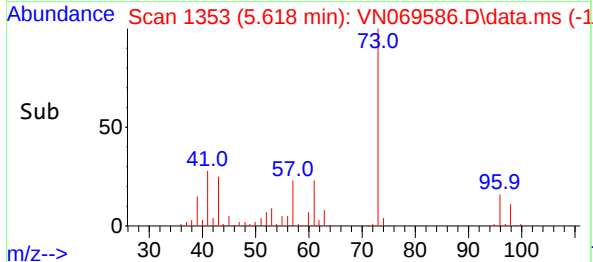
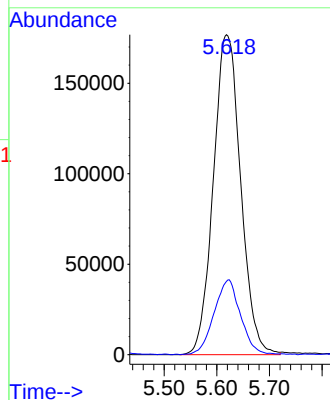
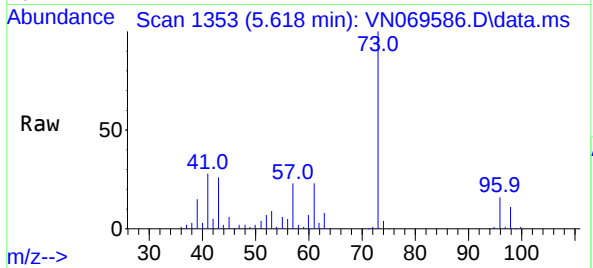
57 22.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#20

Methylene Chloride

Concen: 16.145 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.008 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Tgt Ion: 84 Resp: 194390

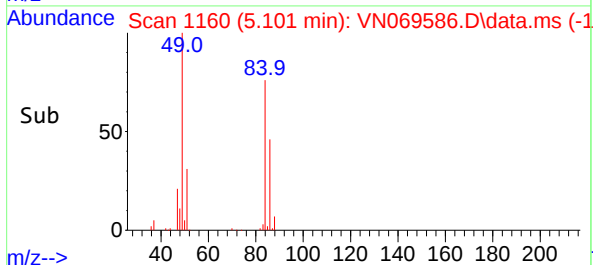
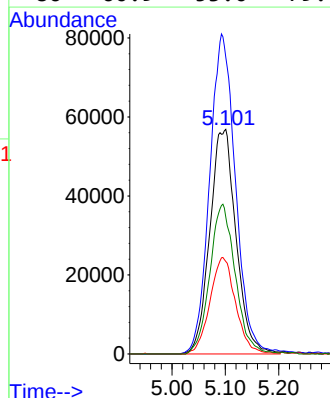
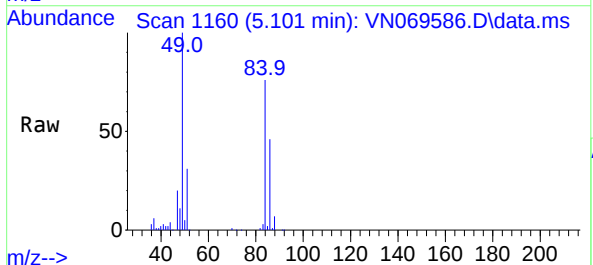
Ion Ratio Lower Upper

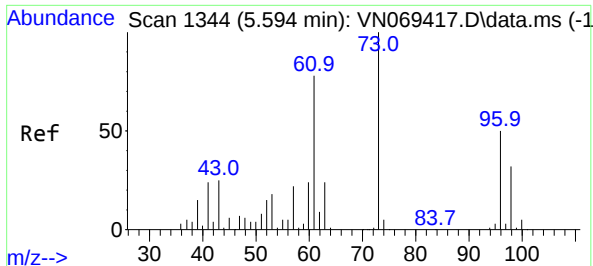
84 100

49 132.1 93.5 140.3

51 41.2 29.4 44.2

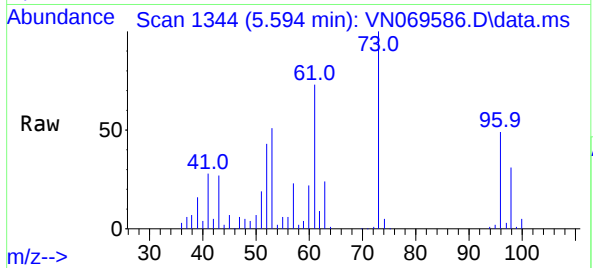
86 60.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 15.780 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

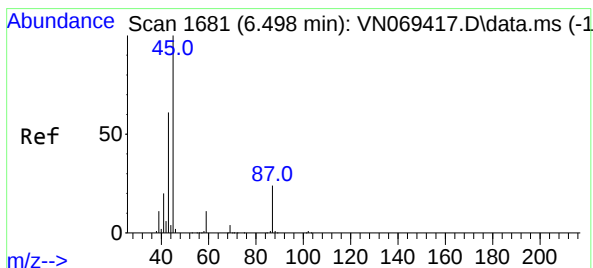
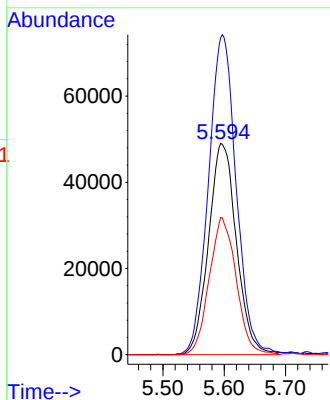
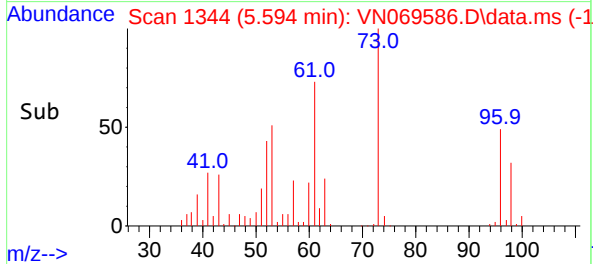
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



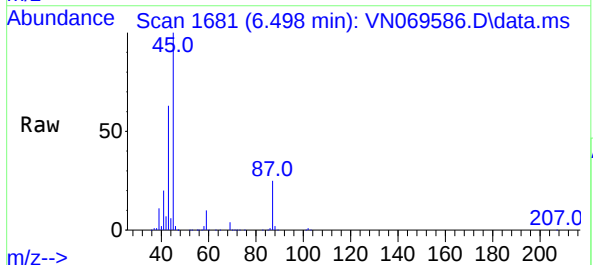
Tgt Ion: 96 Resp: 155054
Ion Ratio Lower Upper
96 100
61 149.6 105.8 158.6
98 64.9 52.0 78.0

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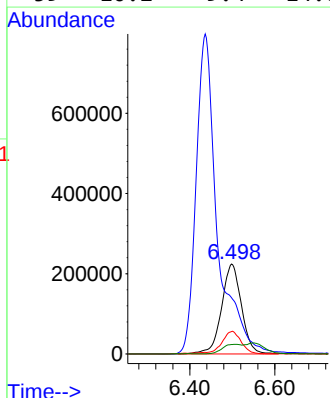
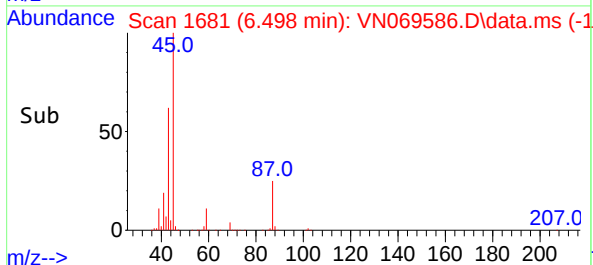
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

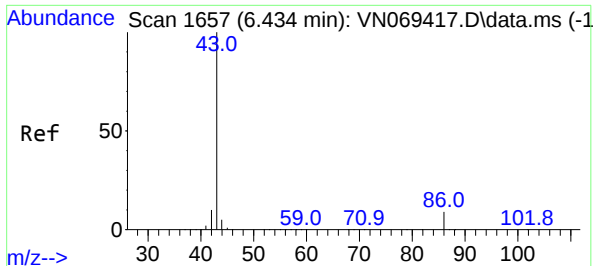


#22
Diisopropyl ether
Concen: 17.437 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



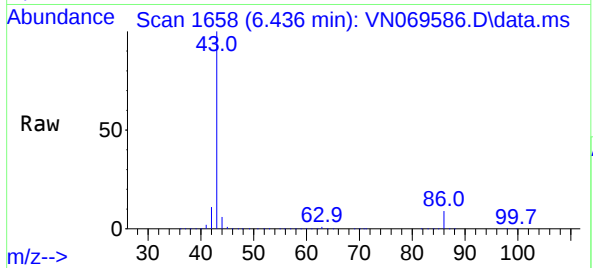
Tgt Ion: 45 Resp: 730526
Ion Ratio Lower Upper
45 100
43 61.5 51.7 77.5
87 24.7 23.2 34.8
59 10.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 85.582 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13

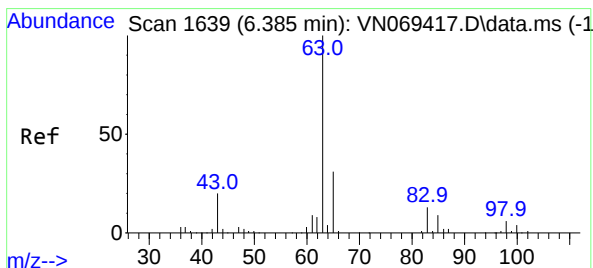
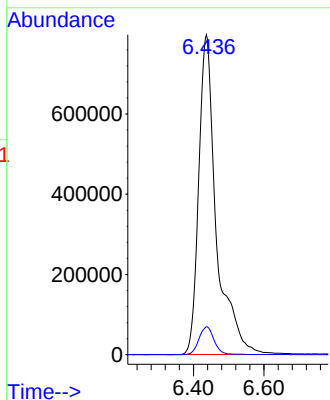
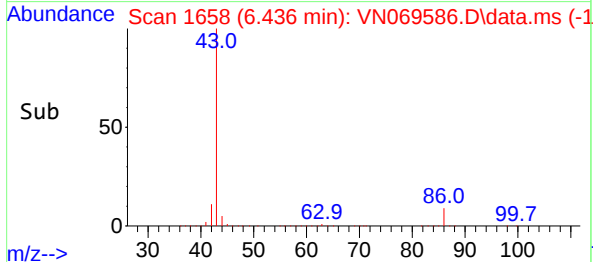
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02



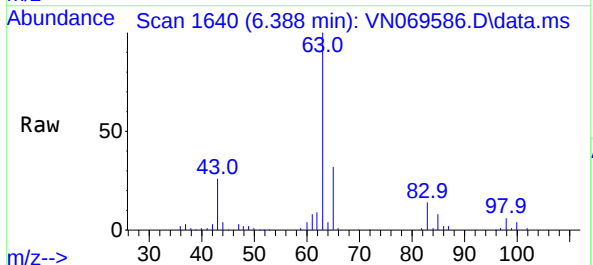
Tgt Ion: 43 Resp: 277319
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

Manual Integrations
 APPROVED

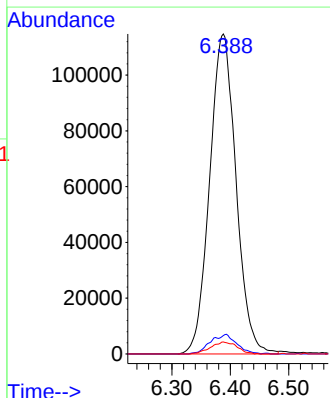
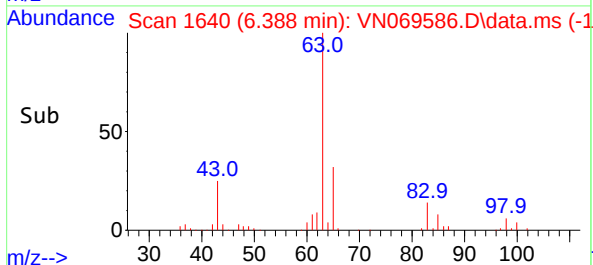
Reviewed By :John Carlone 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021

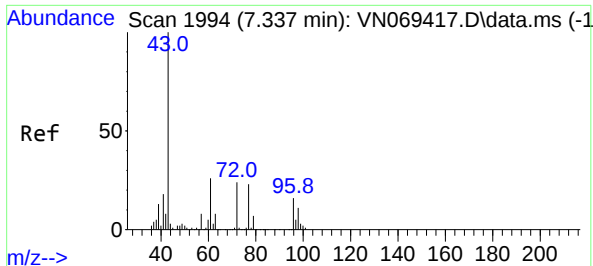


#24
 1,1-Dichloroethane
 Concen: 16.878 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13



Tgt Ion: 63 Resp: 360176
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 87.979 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tgt Ion: 43 Resp: 101154

Ion Ratio Lower Upper

43 100

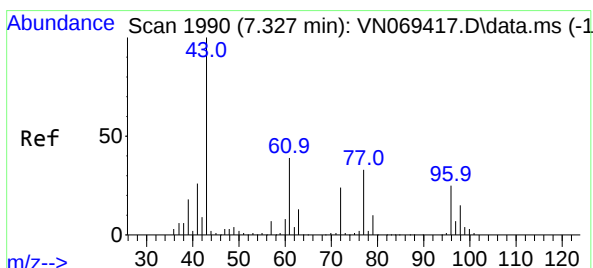
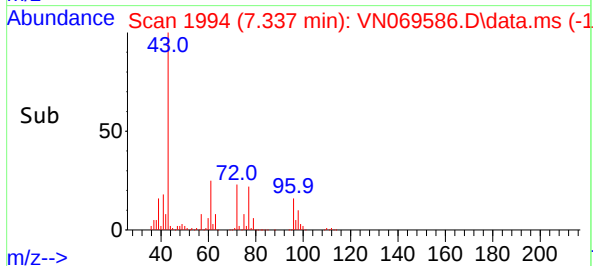
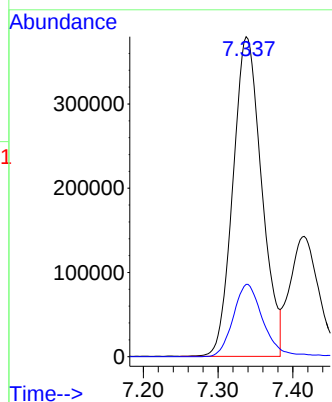
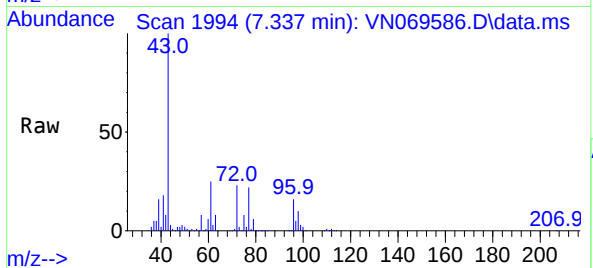
72 22.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#26

2,2-Dichloropropane

Concen: 18.079 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069586.D

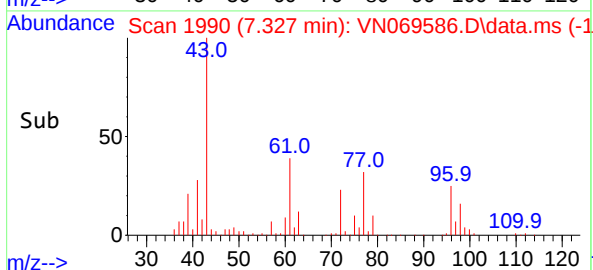
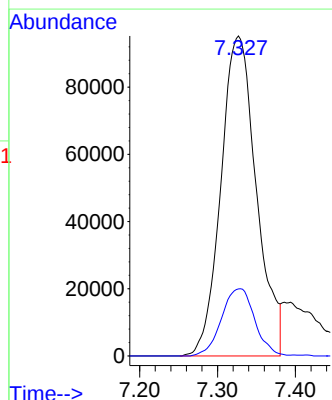
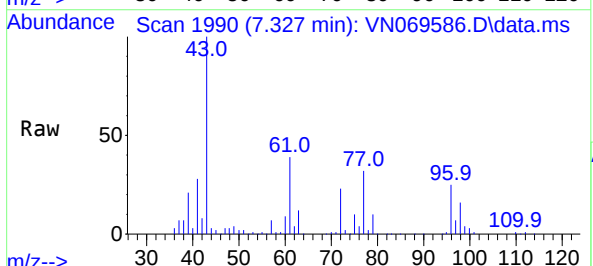
Acq: 19 Nov 2021 15:13

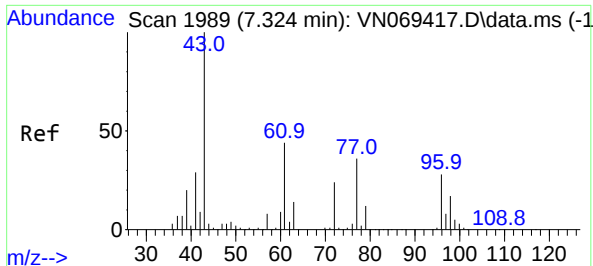
Tgt Ion: 77 Resp: 301843

Ion Ratio Lower Upper

77 100

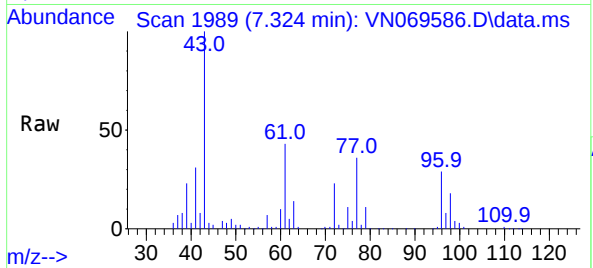
97 19.7 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 16.635 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

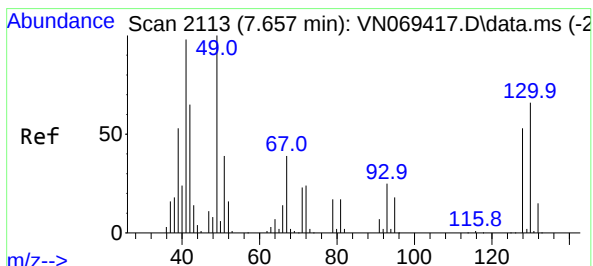
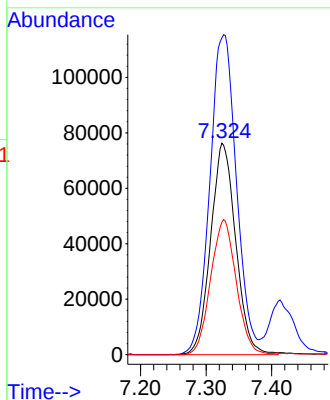
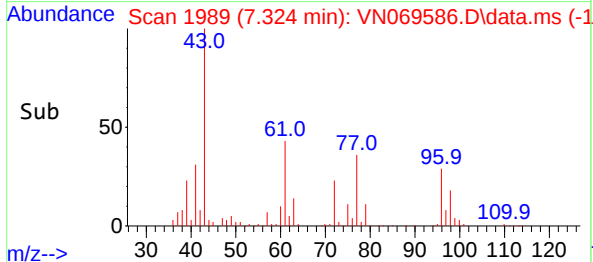
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



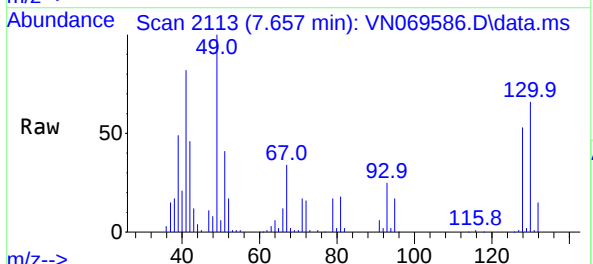
Tgt Ion: 96 Resp: 20262
Ion Ratio Lower Upper
96 100
61 160.3 0.0 275.0
98 65.2 0.0 129.6

Manual Integrations
APPROVED

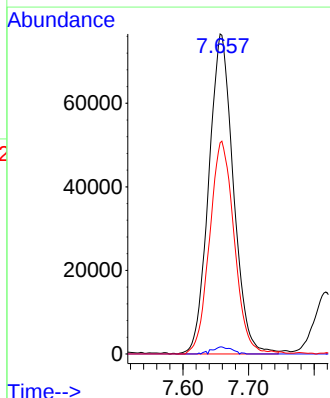
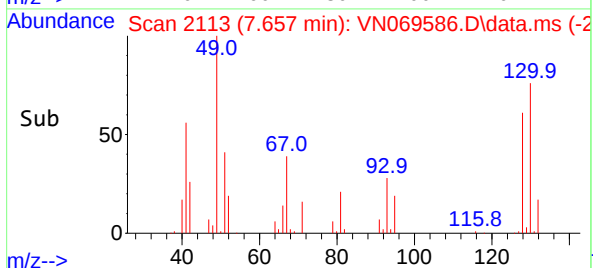
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

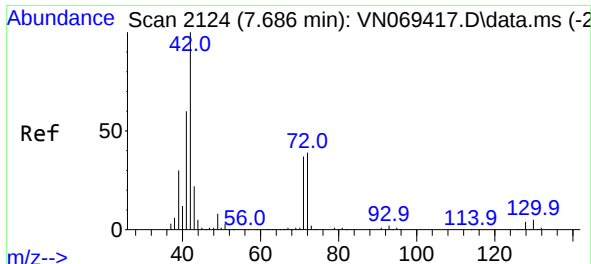


#28
Bromochloromethane
Concen: 18.272 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



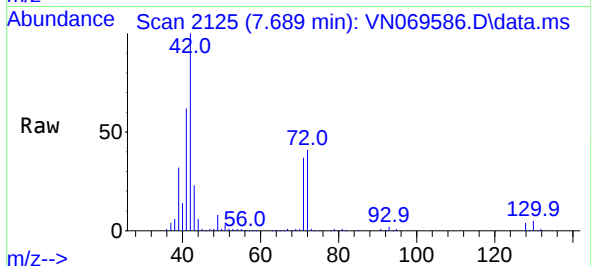
Tgt Ion: 49 Resp: 199682
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 66.3 67.8 101.8#





#29
Tetrahydrofuran
Concen: 87.907 ug/l
RT: 7.689 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

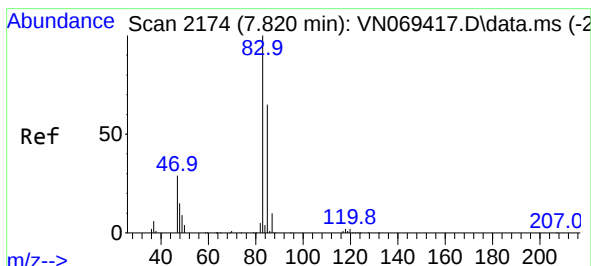
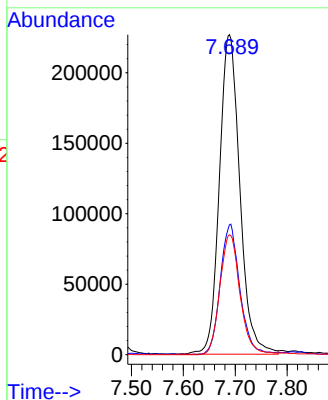
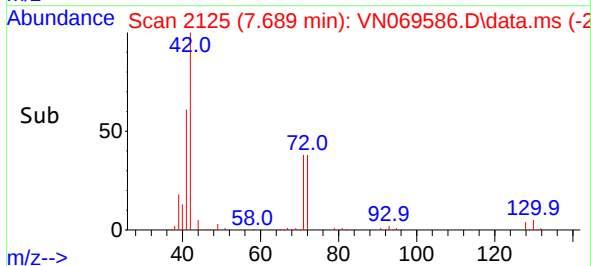
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



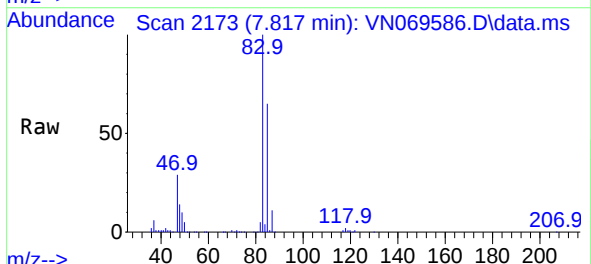
Tgt Ion: 42 Resp: 62025
Ion Ratio Lower Upper
42 100
72 39.1 36.3 54.5
71 36.9 34.7 52.1

Manual Integrations
APPROVED

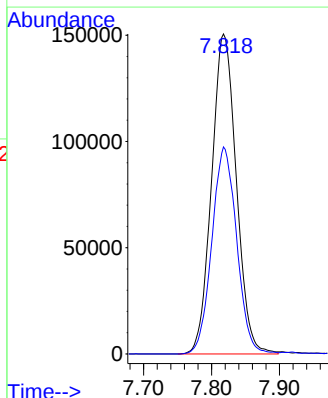
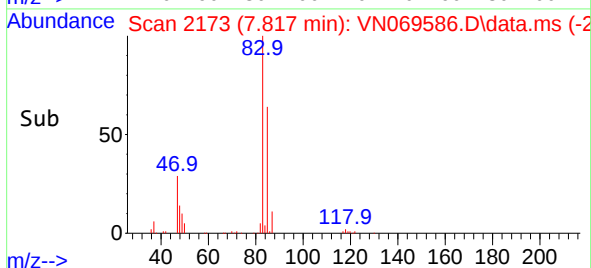
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

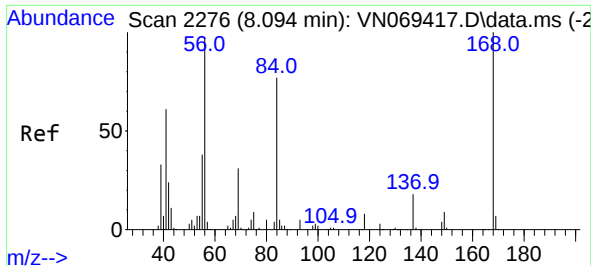


#30
Chloroform
Concen: 17.402 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



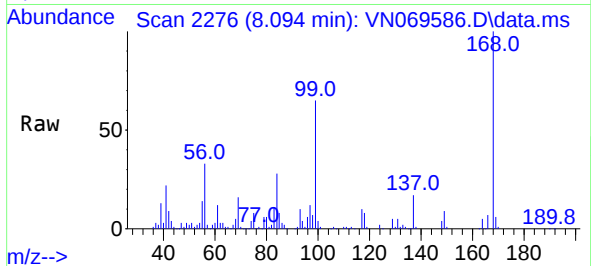
Tgt Ion: 83 Resp: 380711
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9





#31
Cyclohexane
Concen: 15.249 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

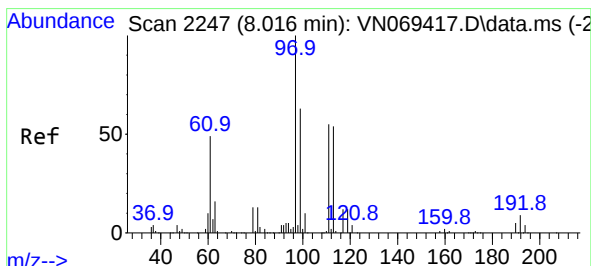
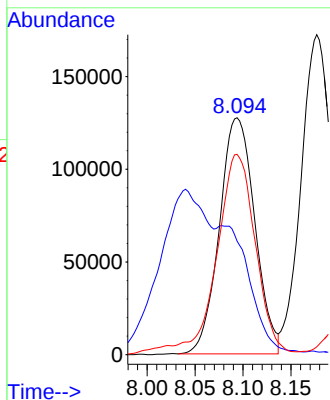
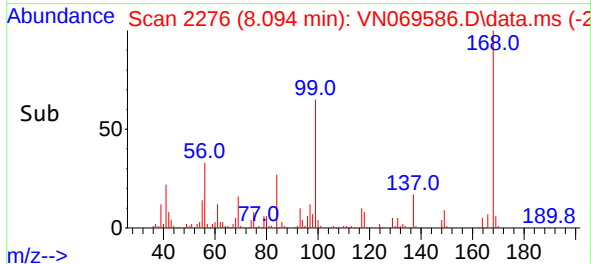
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



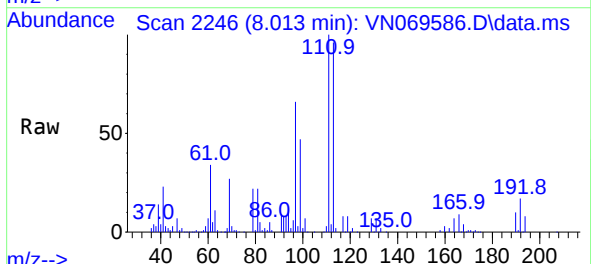
Tgt Ion: 56 Resp: 32785
Ion Ratio Lower Upper
56 100
69 44.8 27.1 40.7
84 80.6 73.4 110.0

Manual Integrations
APPROVED

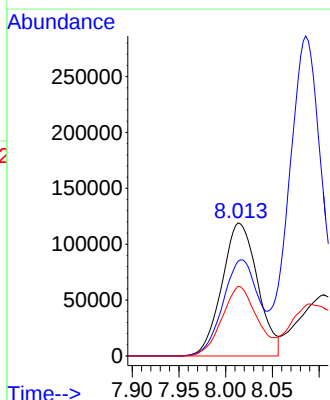
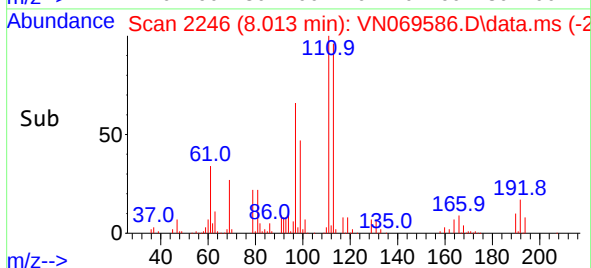
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

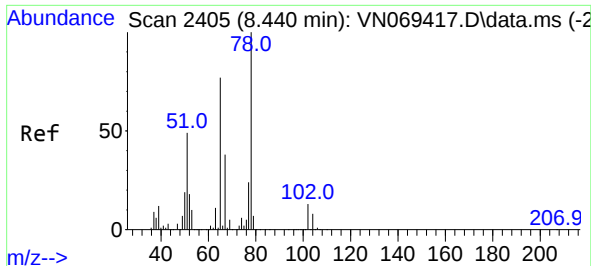


#32
1,1,1-Trichloroethane
Concen: 17.310 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



Tgt Ion: 97 Resp: 316103
Ion Ratio Lower Upper
97 100
99 72.1 50.1 75.1
61 51.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.777 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tgt Ion: 65 Resp: 704684

Ion Ratio Lower Upper

65 100

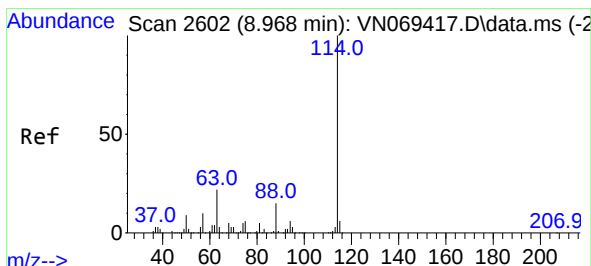
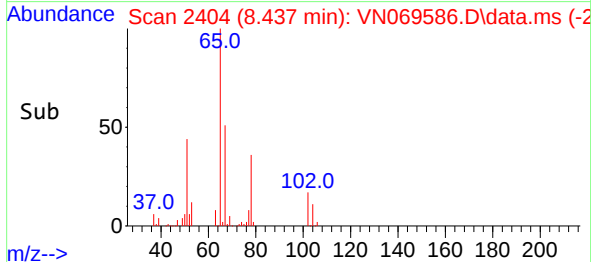
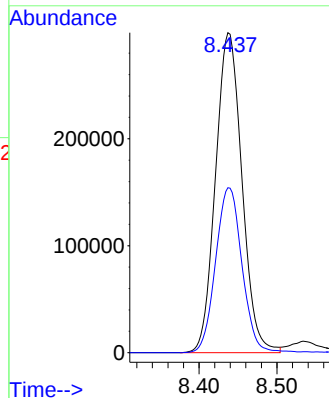
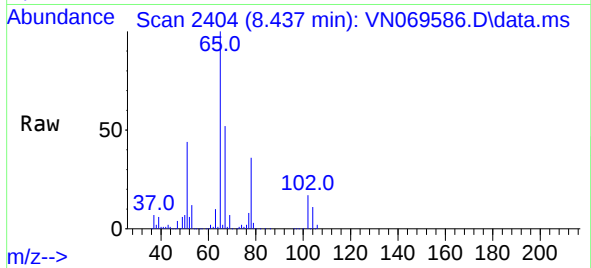
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

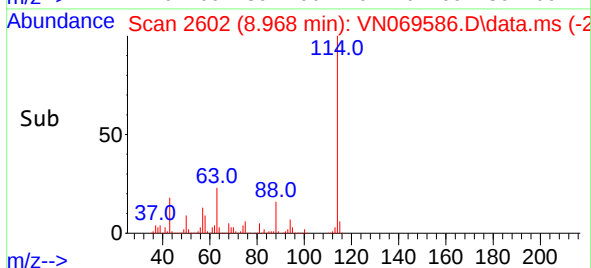
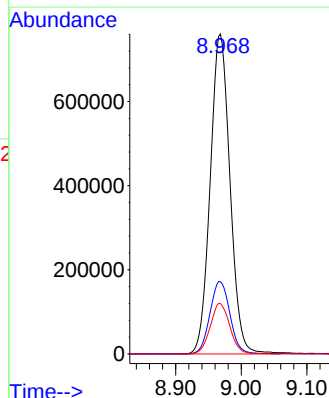
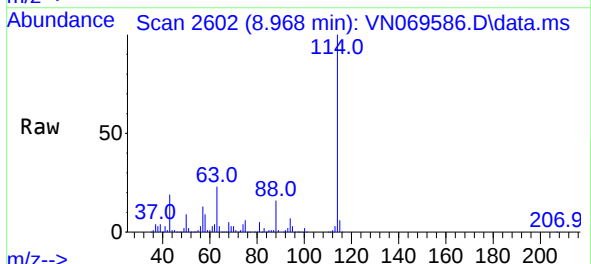
Tgt Ion:114 Resp: 1592062

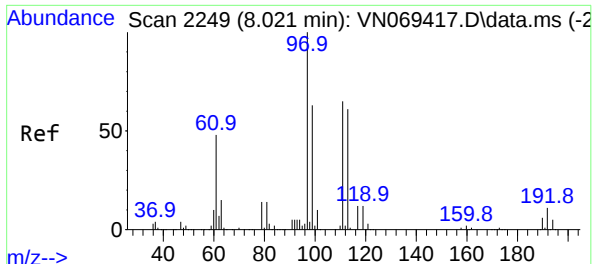
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

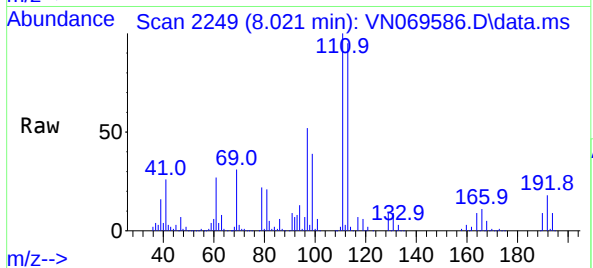
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.513 ug/l
RT: 8.021 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

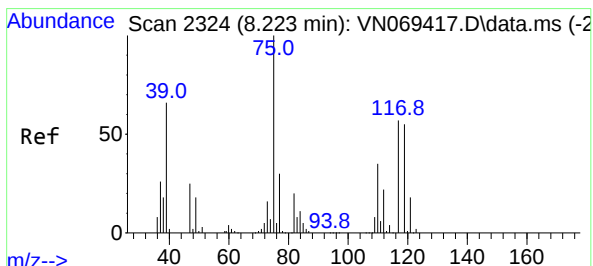
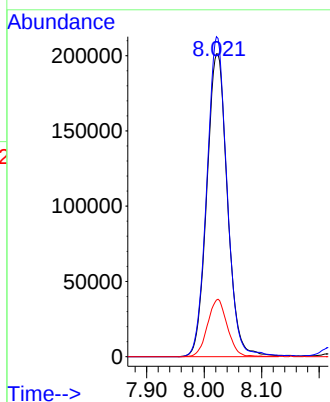
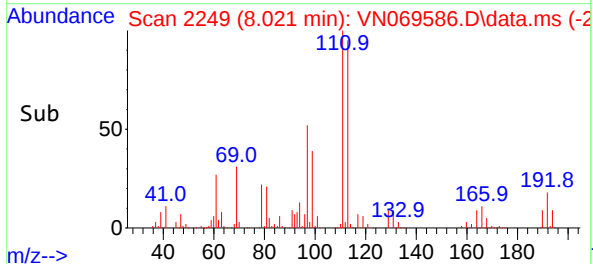
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



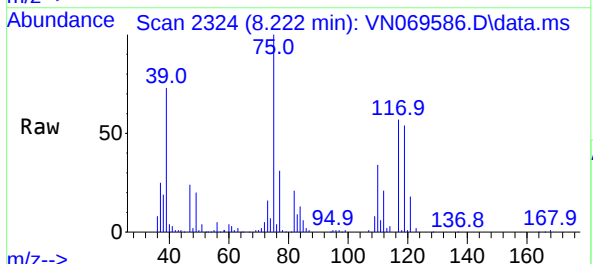
Tgt Ion: 113 Resp: 50141
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.1 16.9 25.3

Manual Integrations
APPROVED

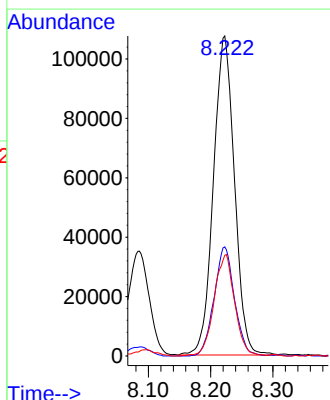
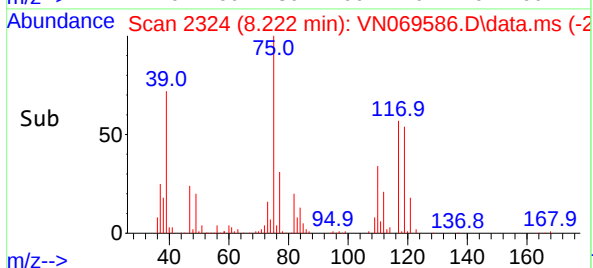
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

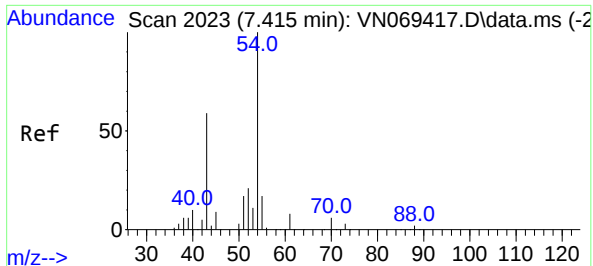


#36
1,1-Dichloropropene
Concen: 18.814 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



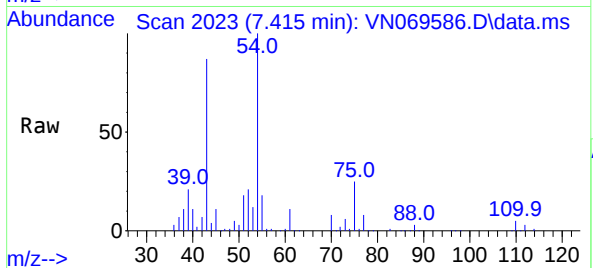
Tgt Ion: 75 Resp: 252030
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 20.980 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

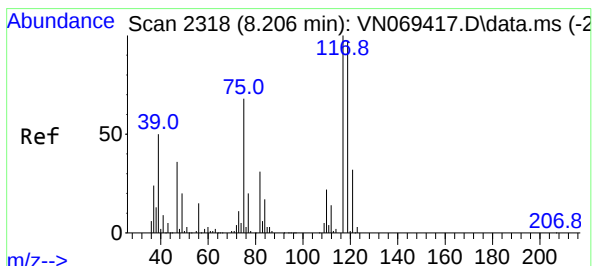
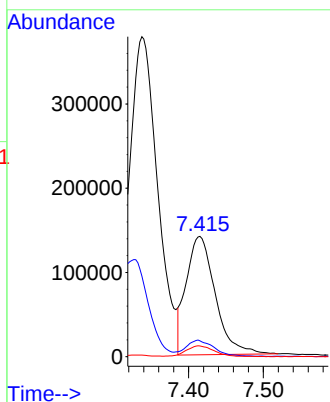
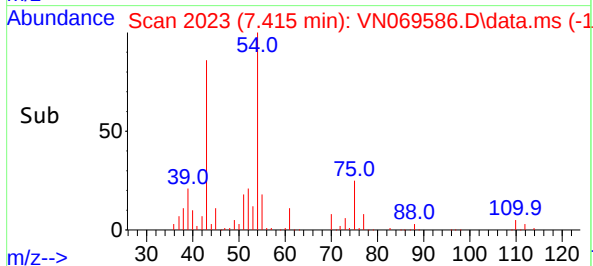
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



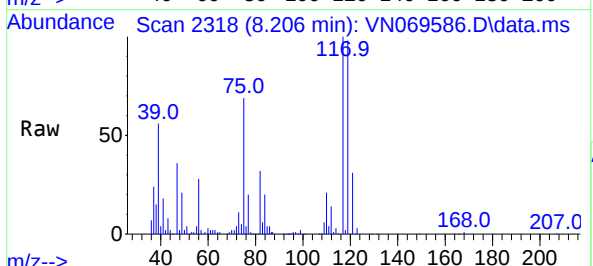
Tgt Ion: 43 Resp: 379928
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 8.3 7.9 11.9

Manual Integrations
APPROVED

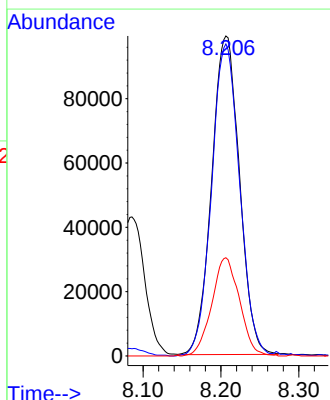
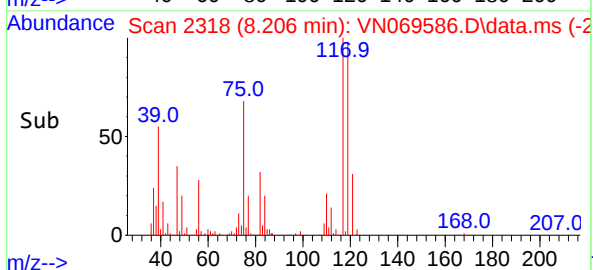
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

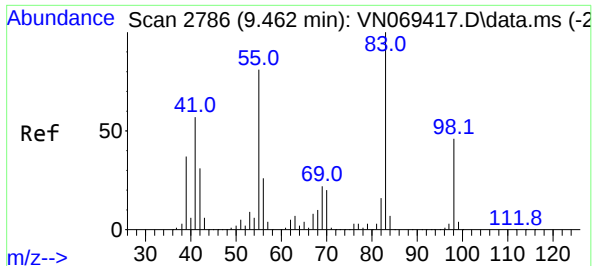


#38
Carbon Tetrachloride
Concen: 18.978 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



Tgt Ion:117 Resp: 245446
Ion Ratio Lower Upper
117 100
119 97.9 76.1 114.1
121 30.9 24.2 36.2





#39

Methylcyclohexane

Concen: 18.096 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tgt Ion: 83 Resp: 30155

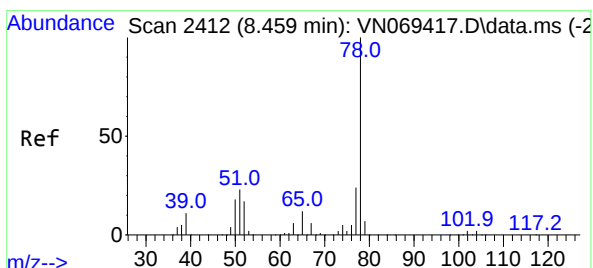
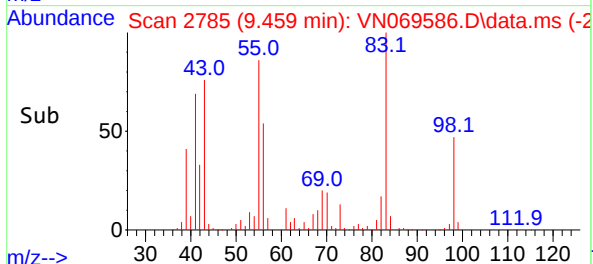
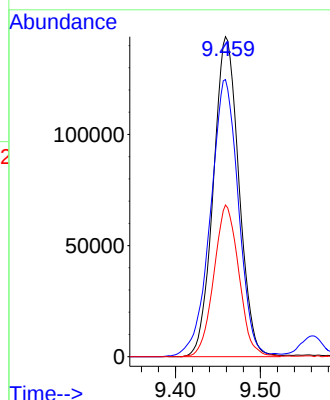
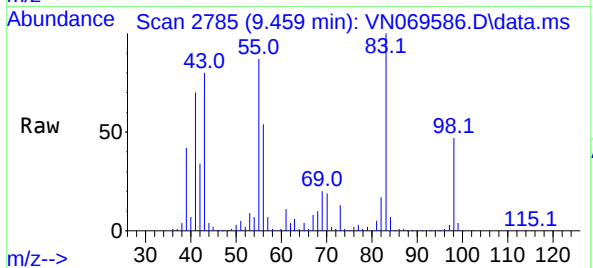
Ion	Ratio	Lower	Upper
83	100		
55	85.8	58.1	87.1
98	47.4	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#40

Benzene

Concen: 19.129 ug/l

RT: 8.461 min Scan# 2413

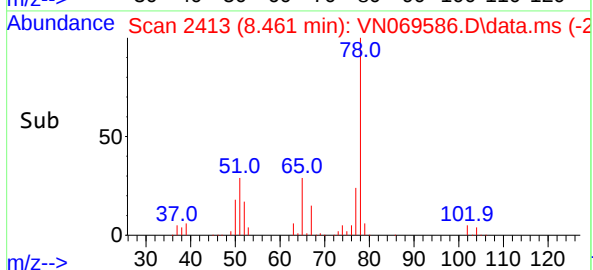
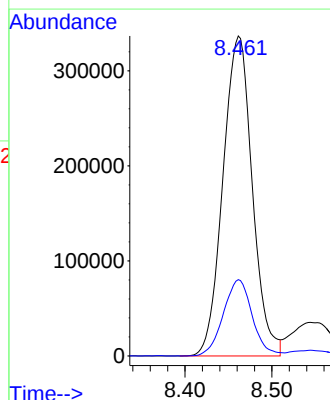
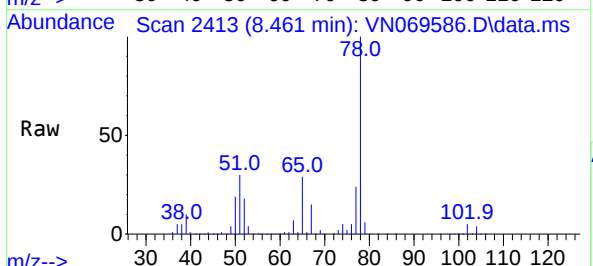
Delta R.T. 0.002 min

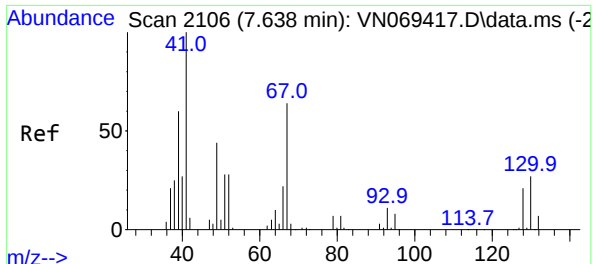
Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Tgt Ion: 78 Resp: 790981

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	27.8





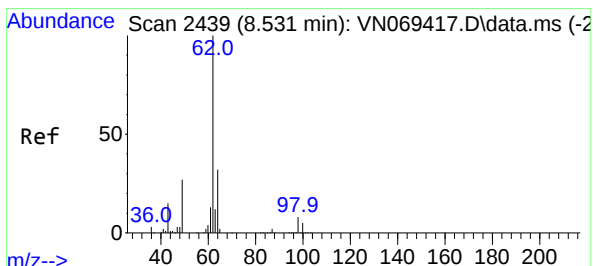
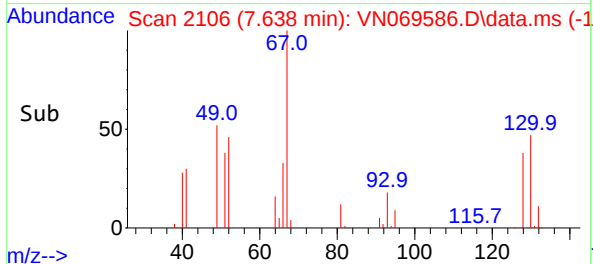
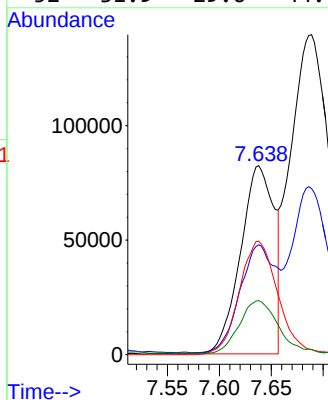
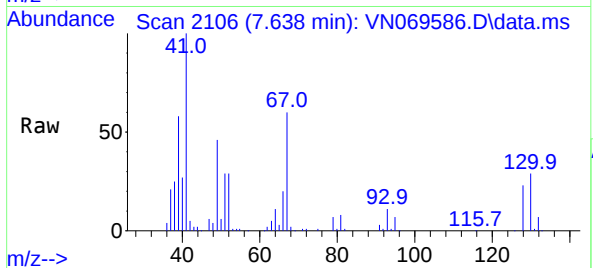
#41
Methacrylonitrile
Concen: 19.856 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion: 41 Resp: 185789
Ion Ratio Lower Upper
41 100
39 61.2 48.1 72.1
67 69.2 68.3 102.5
52 31.9 29.6 44.4

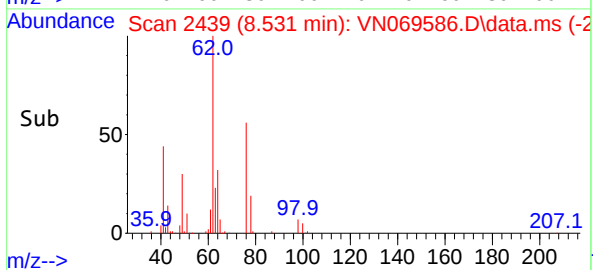
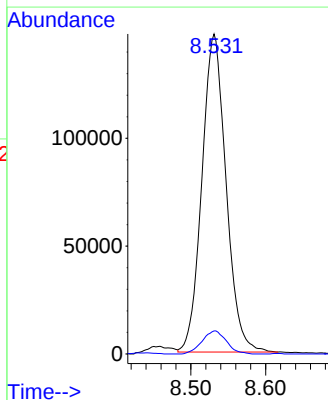
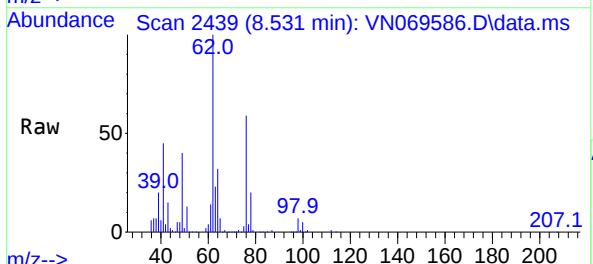
Manual Integrations
APPROVED

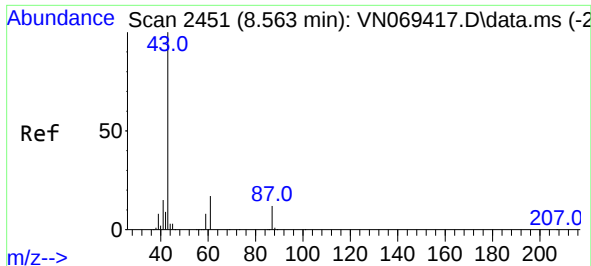
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#42
1,2-Dichloroethane
Concen: 20.471 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

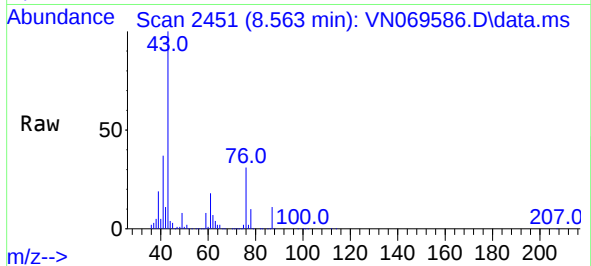
Tgt Ion: 62 Resp: 331441
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.407 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

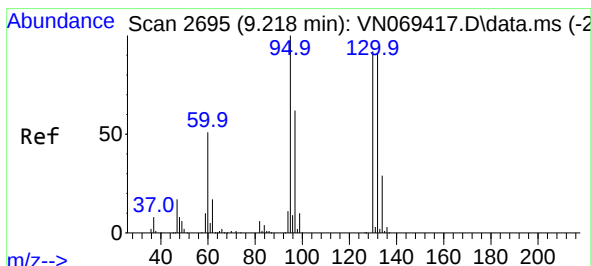
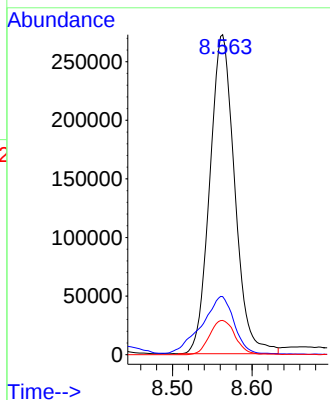
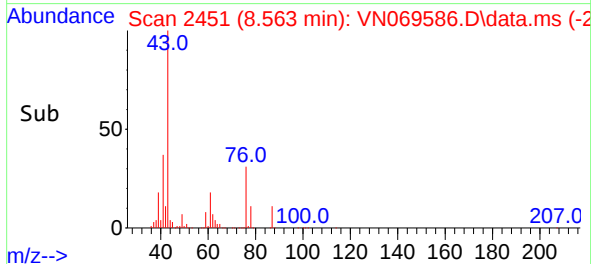
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



Tgt Ion: 43 Resp: 593570
Ion Ratio Lower Upper
43 100
61 24.1 20.4 30.6
87 11.0 11.2 16.8

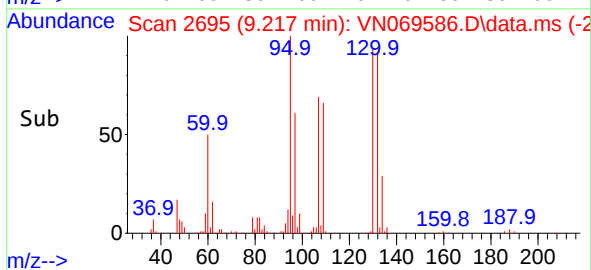
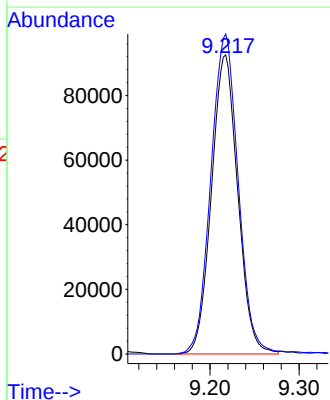
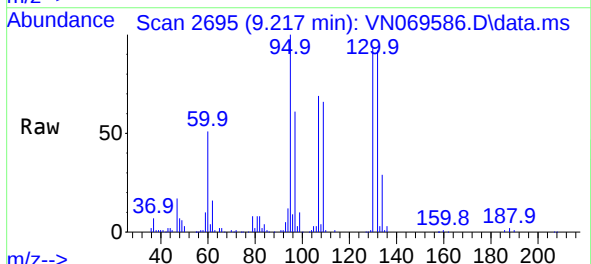
Manual Integrations
APPROVED

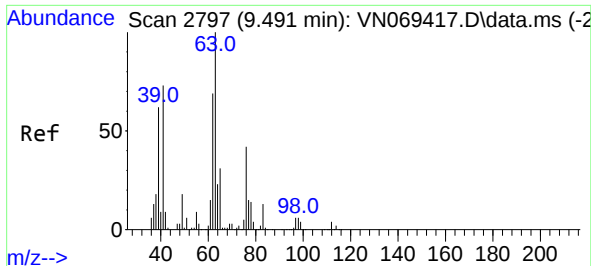
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#44
Trichloroethene
Concen: 19.187 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion:130 Resp: 189872
Ion Ratio Lower Upper
130 100
95 106.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.103 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tgt Ion: 63 Resp: 222084

Ion Ratio Lower Upper

63 100

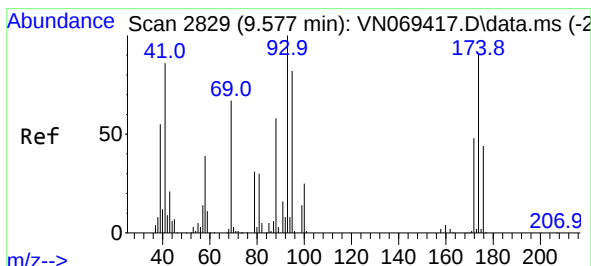
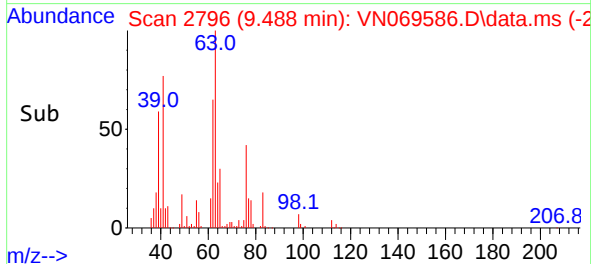
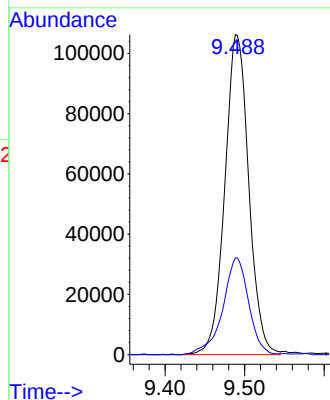
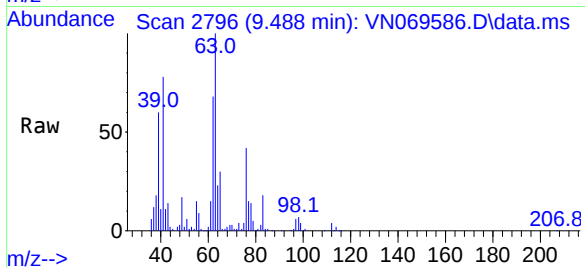
65 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#46

Dibromomethane

Concen: 19.850 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

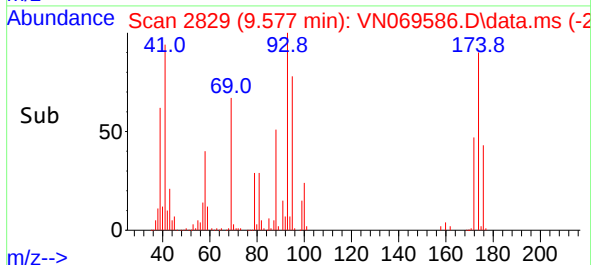
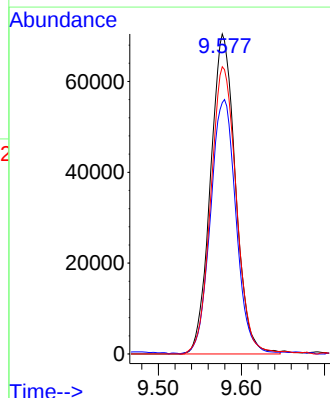
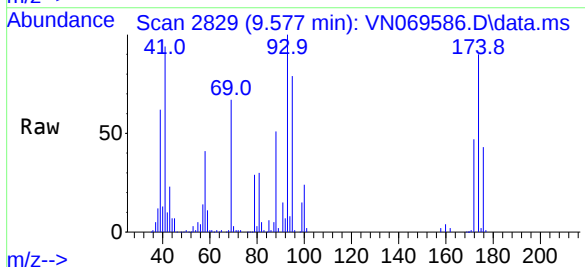
Tgt Ion: 93 Resp: 146880

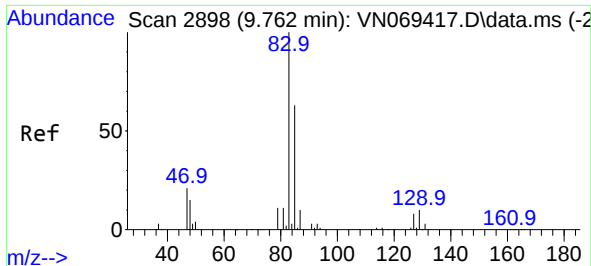
Ion Ratio Lower Upper

93 100

95 81.3 65.9 98.9

174 91.9 84.6 127.0





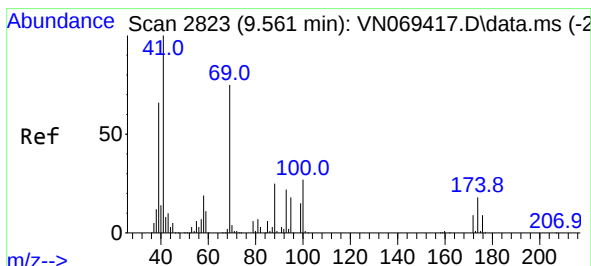
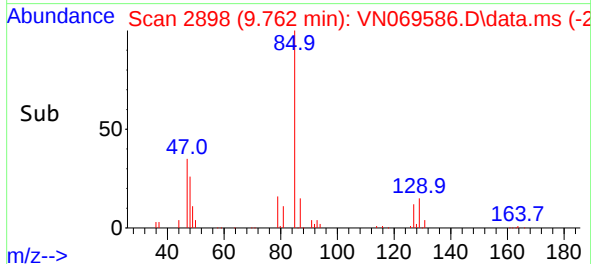
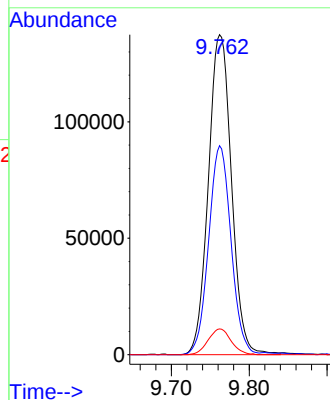
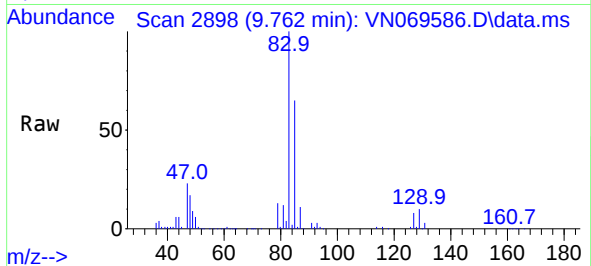
#47
Bromodichloromethane
Concen: 20.538 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion: 83 Resp: 28359
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3
127 8.1 7.1 10.7

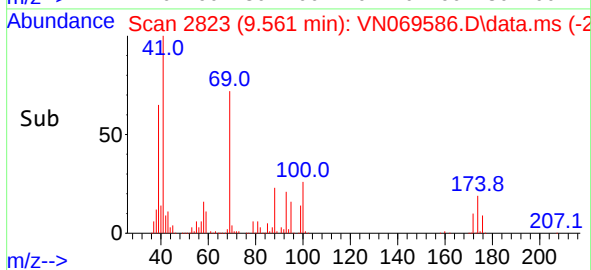
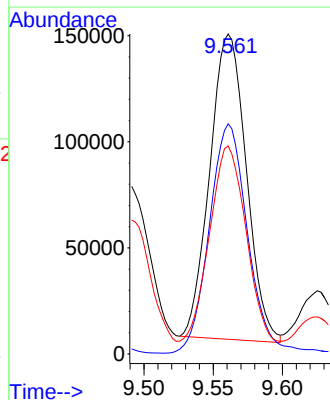
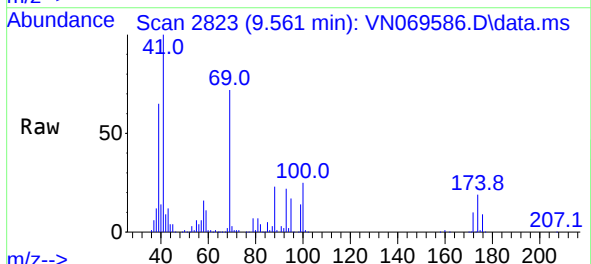
Manual Integrations
APPROVED

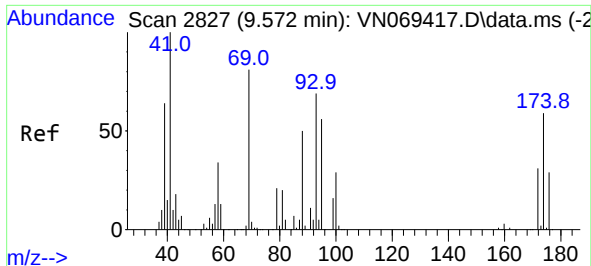
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#48
Methyl methacrylate
Concen: 19.248 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 41 Resp: 263403
Ion Ratio Lower Upper
41 100
69 79.7 72.4 108.6
39 64.8 58.4 87.6





#49

1,4-Dioxane

Concen: 363.081 ug/l

RT: 9.572 min Scan# 2827

Delta R.T. -0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tgt Ion: 88 Resp: 91440

Ion Ratio Lower Upper

88 100

43 29.2 23.4 35.2

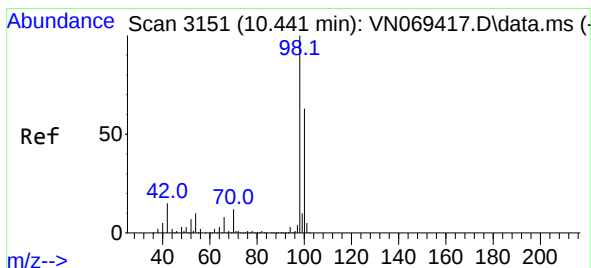
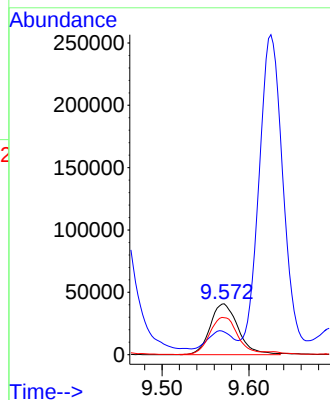
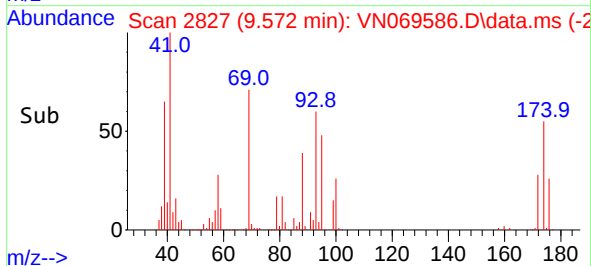
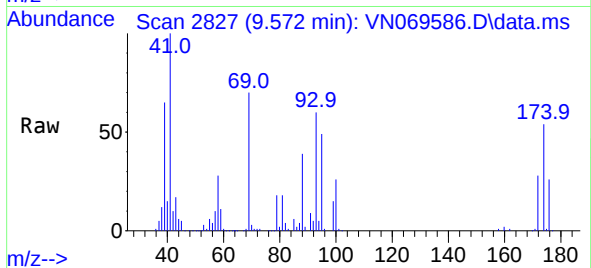
58 72.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#50

Toluene-d8

Concen: 49.814 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069586.D

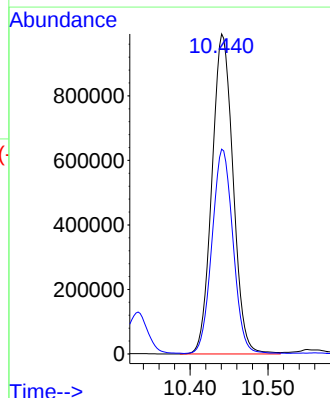
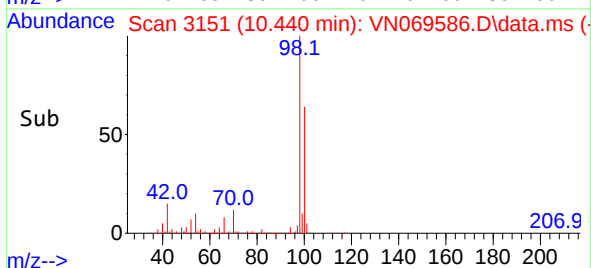
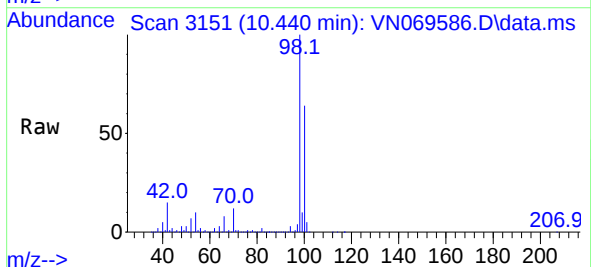
Acq: 19 Nov 2021 15:13

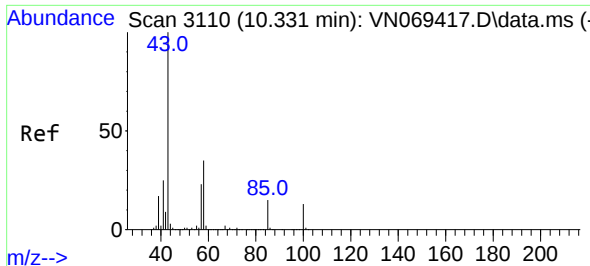
Tgt Ion: 98 Resp: 1870724

Ion Ratio Lower Upper

98 100

100 63.3 50.4 75.6





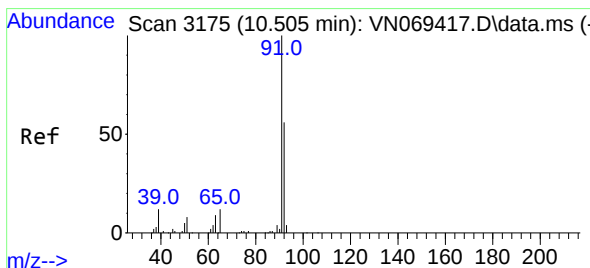
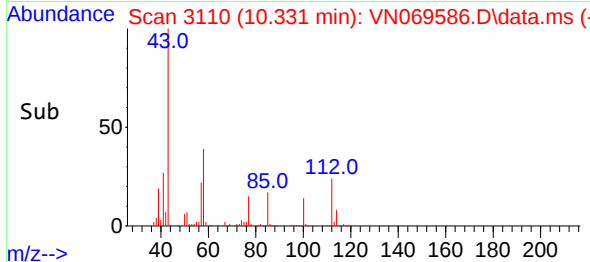
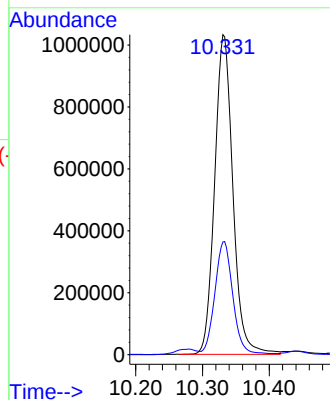
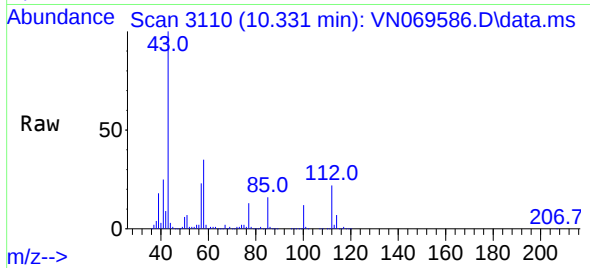
#51
4-Methyl-2-Pentanone
Concen: 104.297 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion: 43 Resp: 195814
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

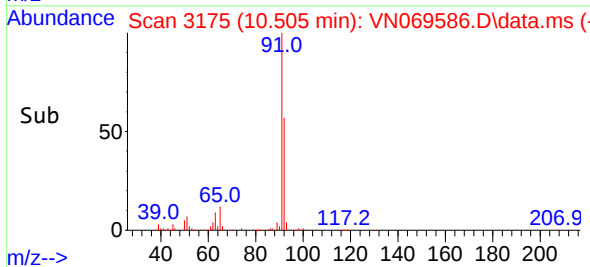
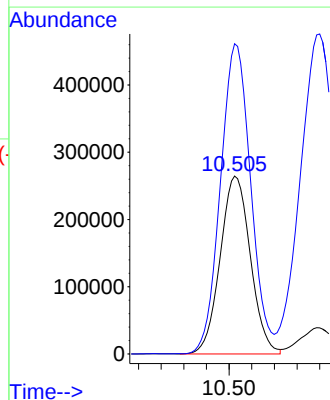
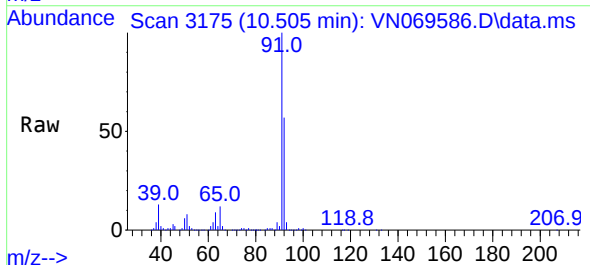
Manual Integrations
APPROVED

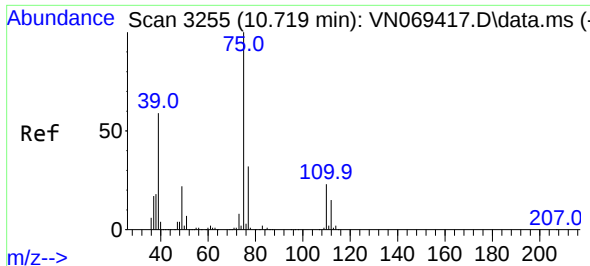
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#52
Toluene
Concen: 19.025 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

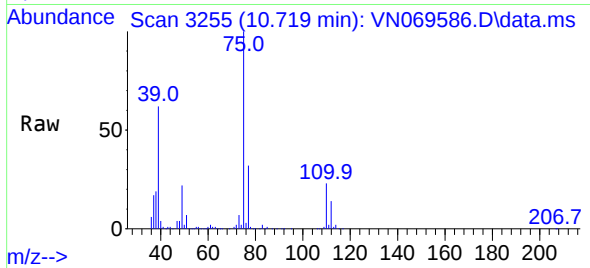
Tgt Ion: 92 Resp: 490081
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.102 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

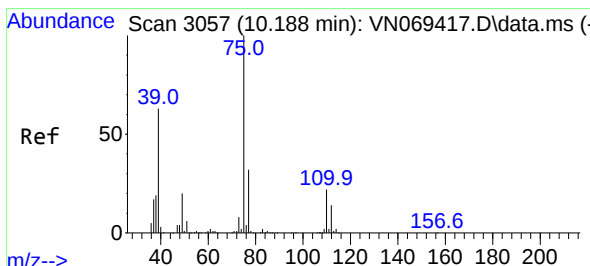
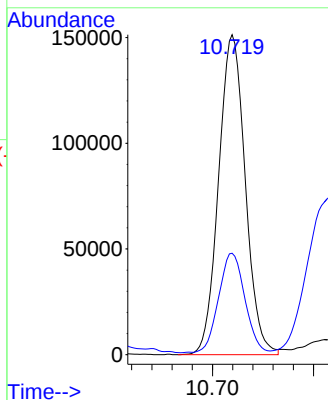
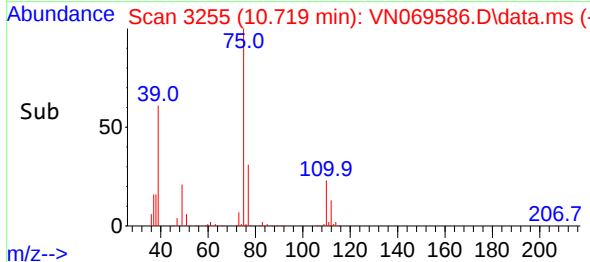
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



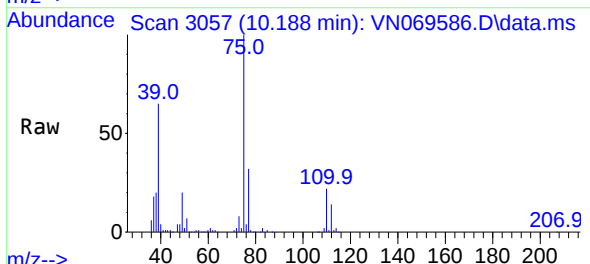
Tgt Ion: 75 Resp: 277178
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

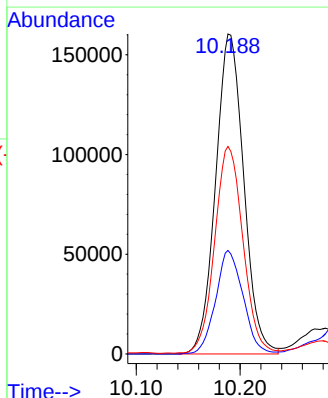
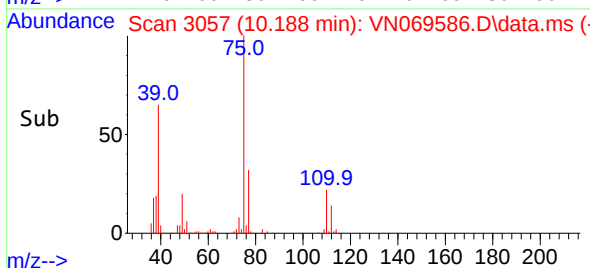
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

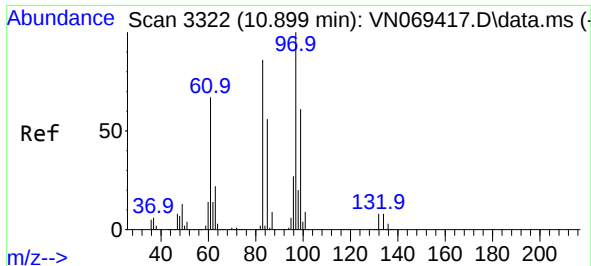


#54
cis-1,3-Dichloropropene
Concen: 18.051 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



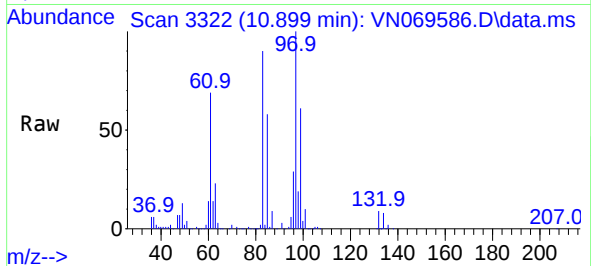
Tgt Ion: 75 Resp: 302424
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
39 64.5 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.349 ug/l
RT: 10.899 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

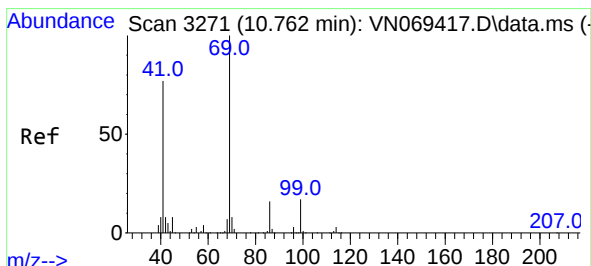
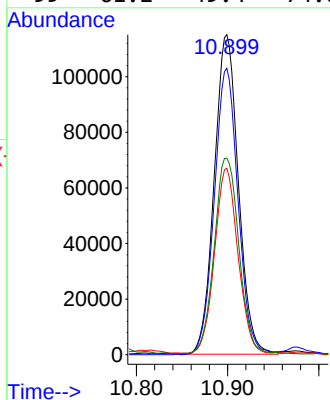
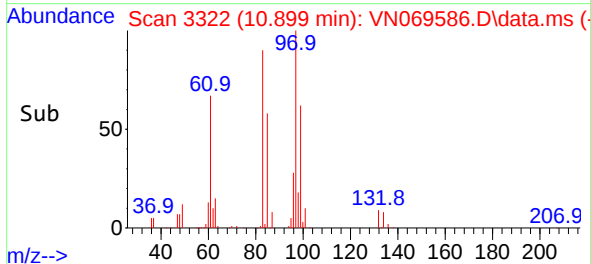
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



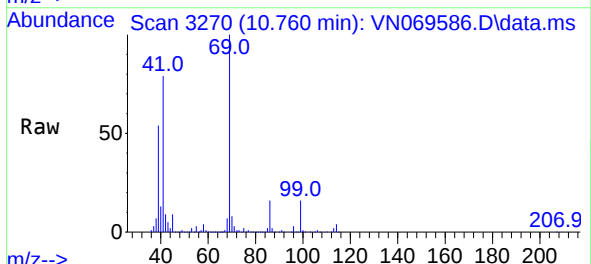
Tgt Ion: 97 Resp: 21130
Ion Ratio Lower Upper
97 100
83 89.5 67.8 101.6
85 57.8 45.4 68.2
99 61.2 49.4 74.0

Manual Integrations
APPROVED

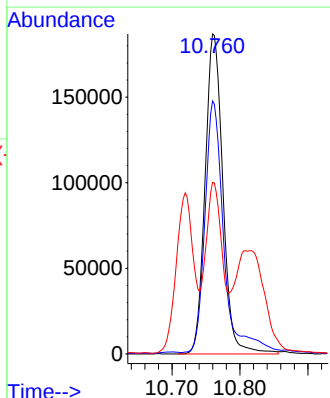
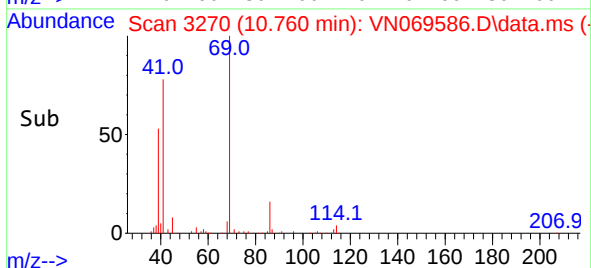
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

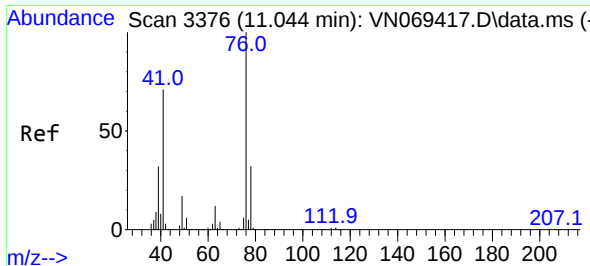


#56
Ethyl methacrylate
Concen: 18.690 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



Tgt Ion: 69 Resp: 339512
Ion Ratio Lower Upper
69 100
41 83.2 51.4 77.0#
39 26.3 34.6 52.0#





#57

1,3-Dichloropropane

Concen: 20.052 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS02

Tgt Ion: 76 Resp: 36588

Ion Ratio Lower Upper

76 100

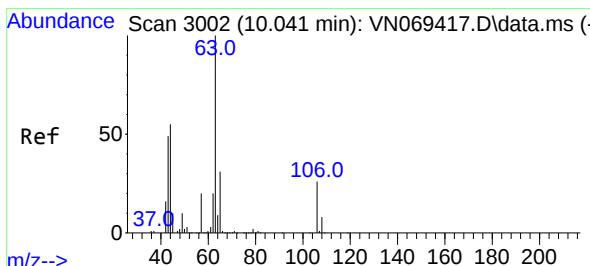
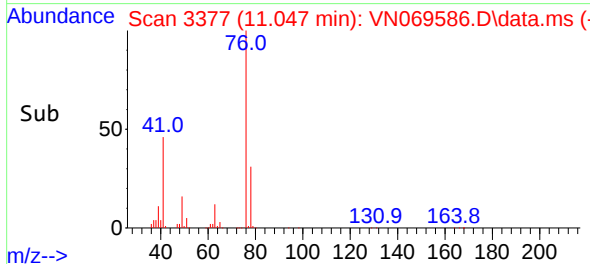
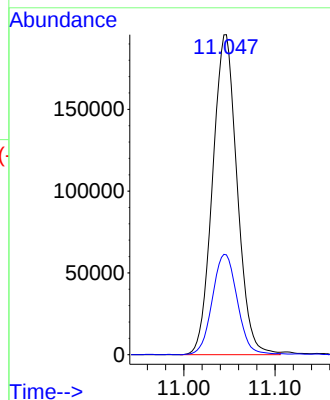
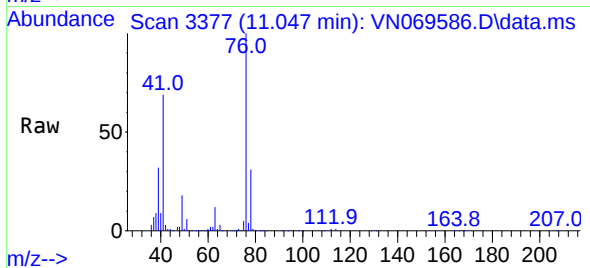
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#58

2-Chloroethyl Vinyl ether

Concen: 91.043 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069586.D

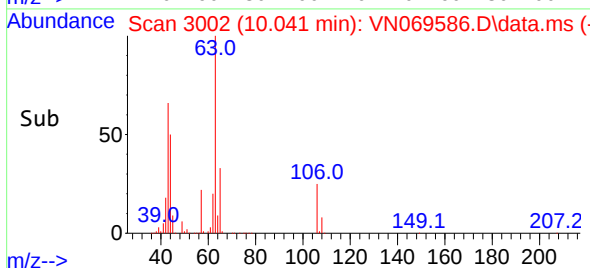
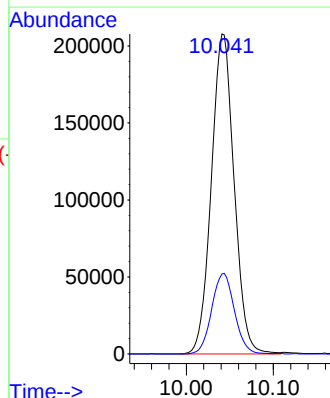
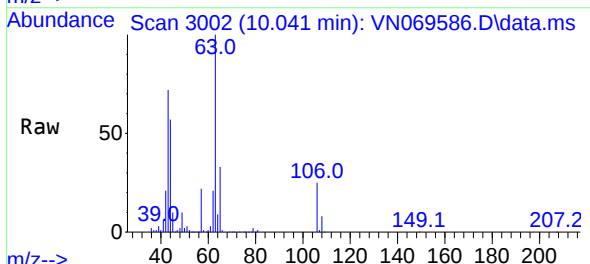
Acq: 19 Nov 2021 15:13

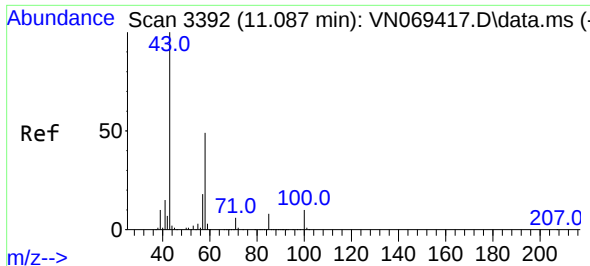
Tgt Ion: 63 Resp: 377958

Ion Ratio Lower Upper

63 100

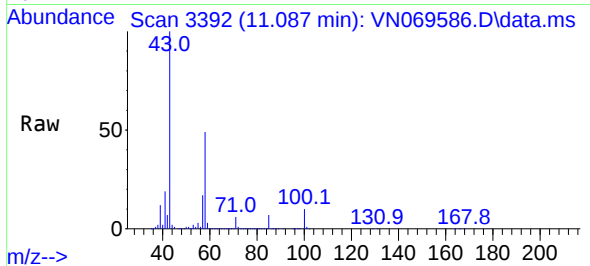
106 25.1 23.9 35.9





#59
2-Hexanone
Concen: 95.141 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

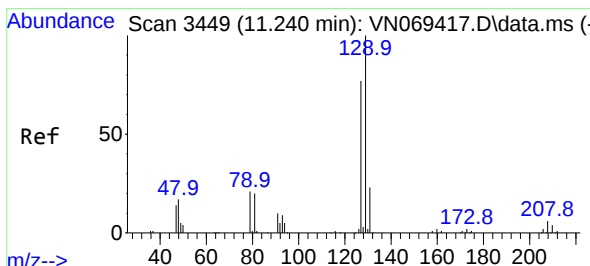
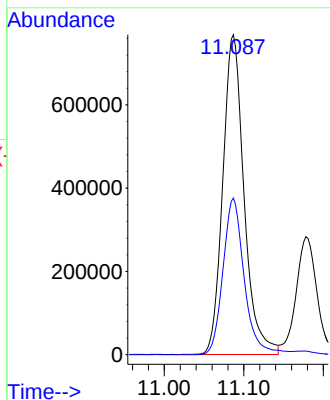
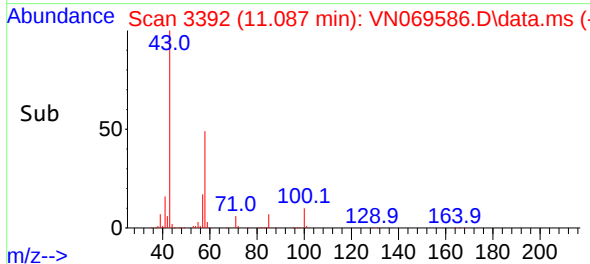
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



Tgt Ion: 43 Resp: 142764
Ion Ratio Lower Upper
43 100
58 48.9 26.9 80.7

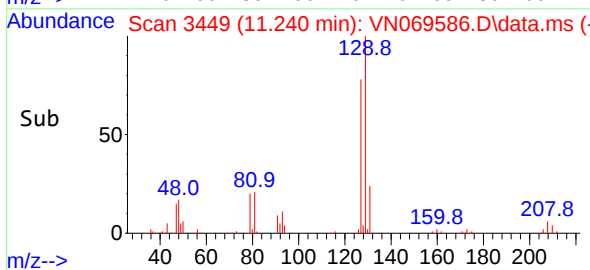
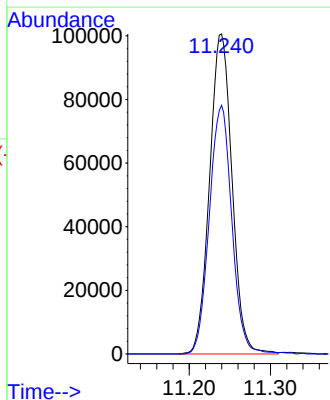
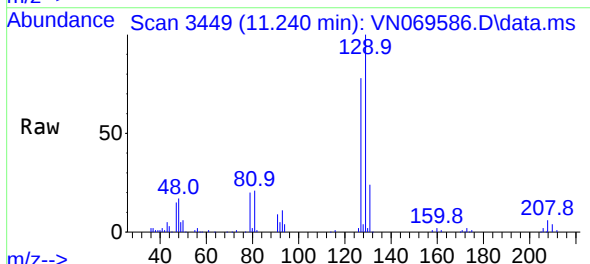
Manual Integrations
APPROVED

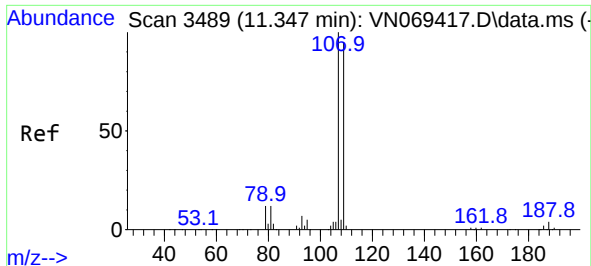
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#60
Dibromochloromethane
Concen: 18.546 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

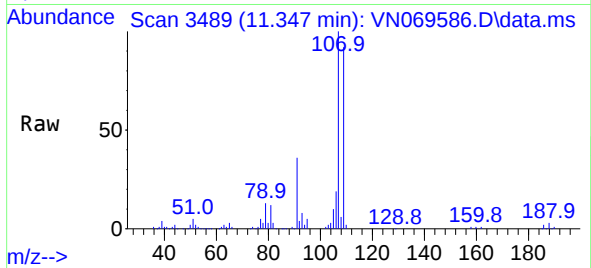
Tgt Ion:129 Resp: 193156
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.015 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

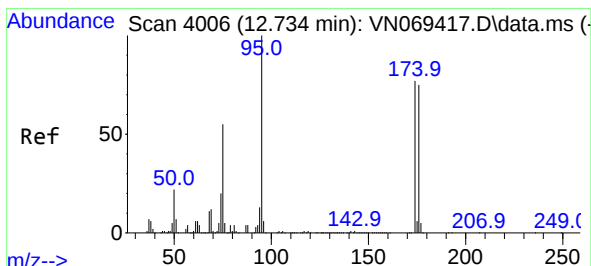
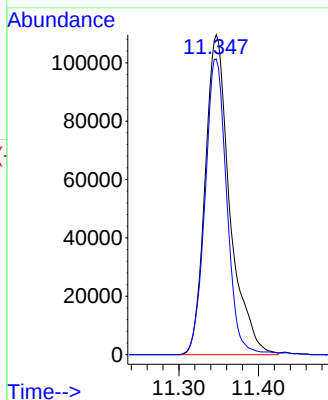
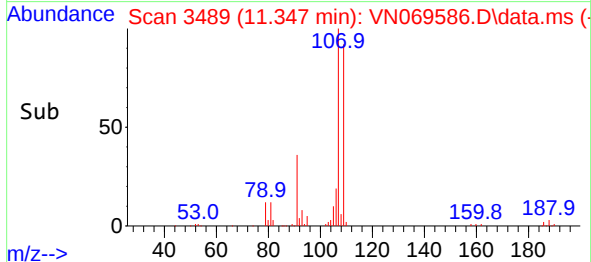
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



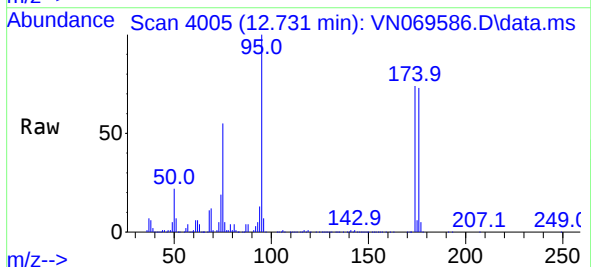
Tgt Ion:107 Resp: 23622
Ion Ratio Lower Upper
107 100
109 81.4 75.7 113.5

Manual Integrations
APPROVED

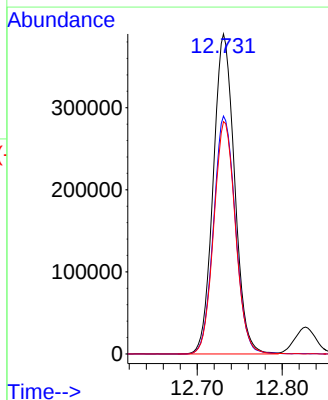
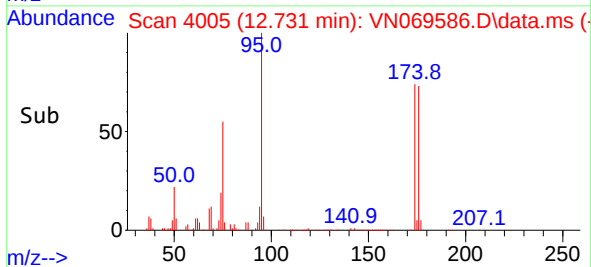
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

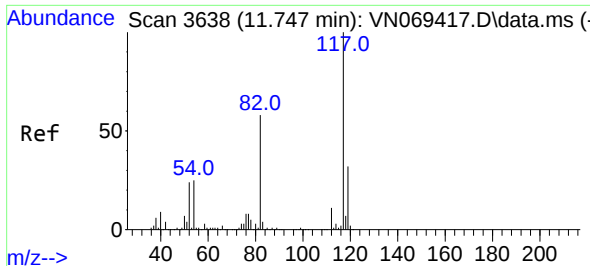


#62
4-Bromofluorobenzene
Concen: 49.316 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



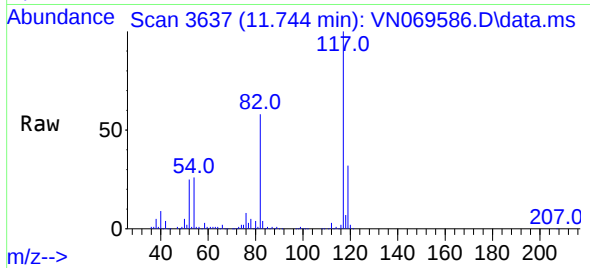
Tgt Ion: 95 Resp: 680367
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

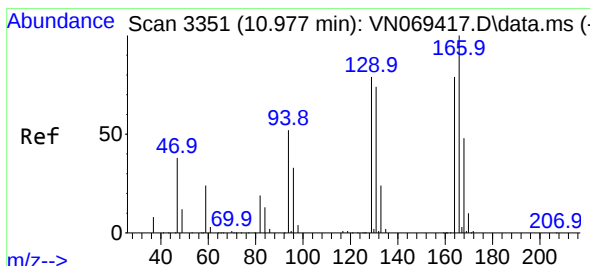
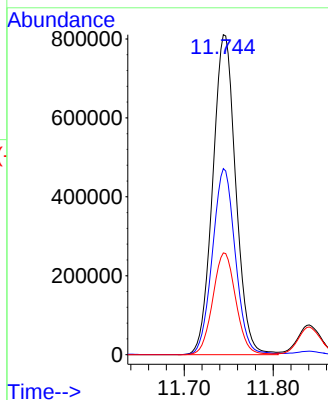
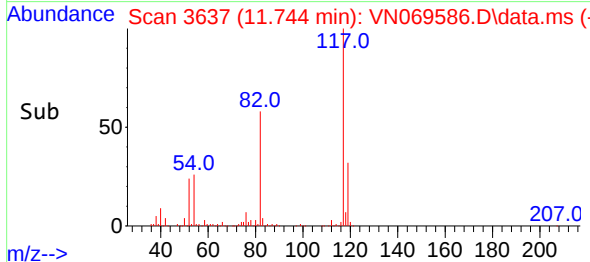
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



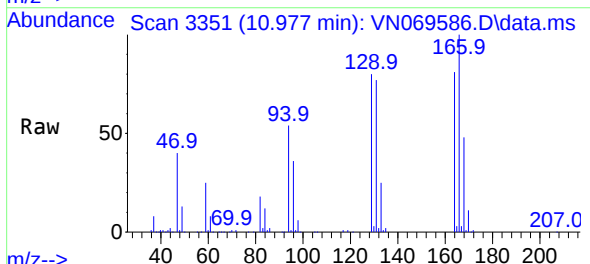
Tgt Ion:117 Resp: 145927
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
APPROVED

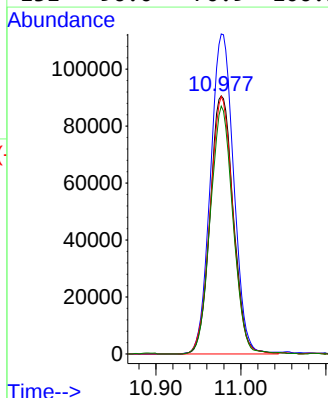
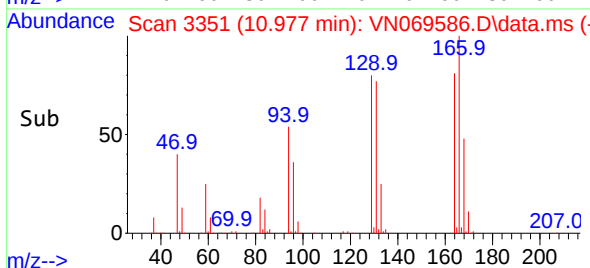
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

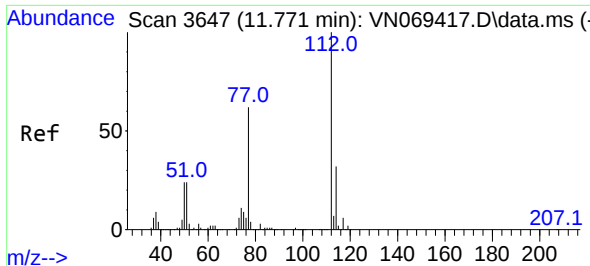


#64
Tetrachloroethene
Concen: 19.482 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



Tgt Ion:164 Resp: 171664
Ion Ratio Lower Upper
164 100
166 124.0 101.9 152.9
129 99.8 72.0 108.0
131 96.0 70.9 106.3





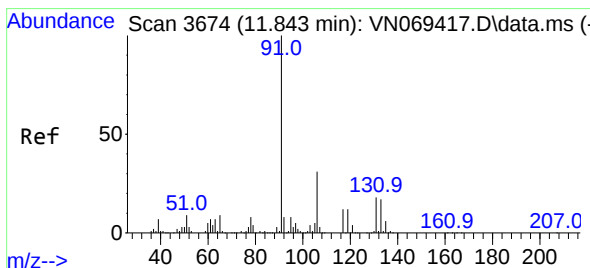
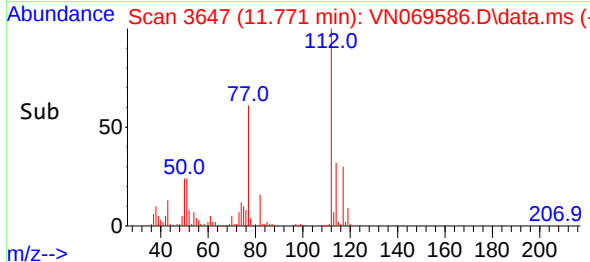
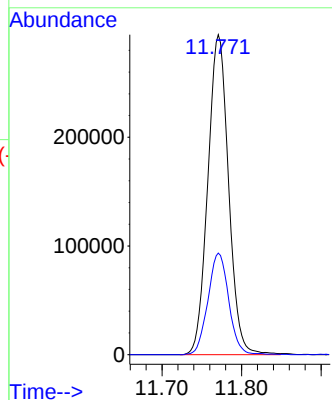
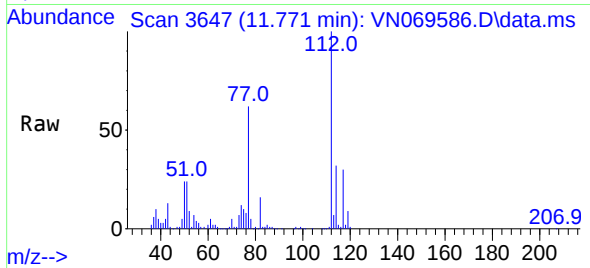
#65
Chlorobenzene
Concen: 19.613 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion:112 Resp: 53271
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

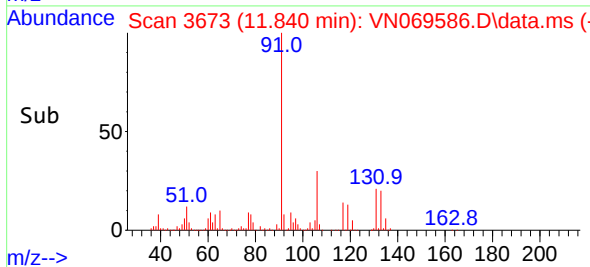
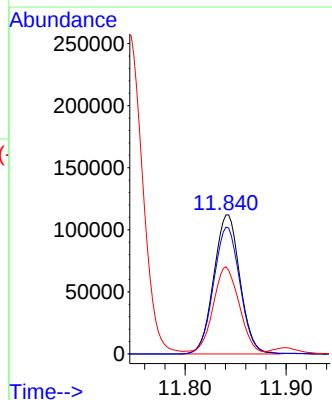
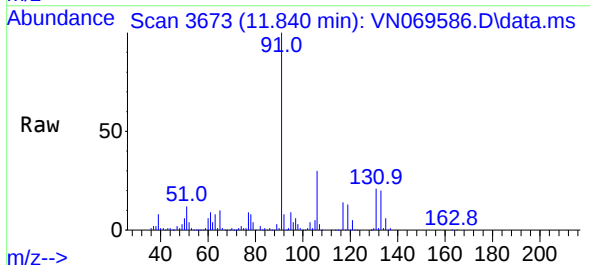
Manual Integrations
APPROVED

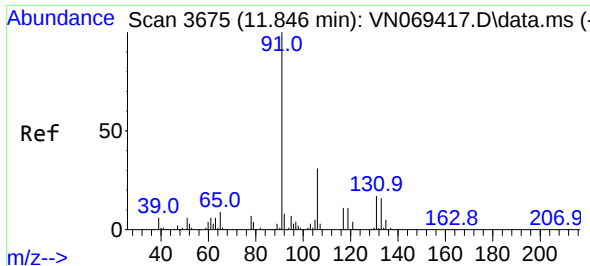
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.421 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

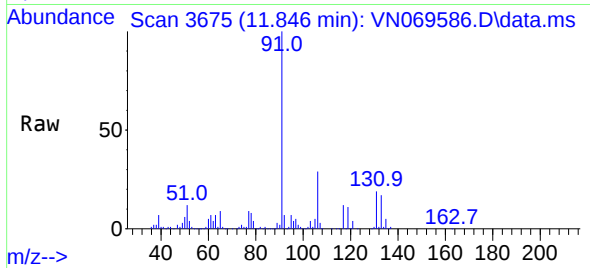
Tgt Ion:131 Resp: 201814
Ion Ratio Lower Upper
131 100
133 92.2 47.9 143.7
119 62.6 32.1 96.5





#67
Ethyl Benzene
Concen: 19.512 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

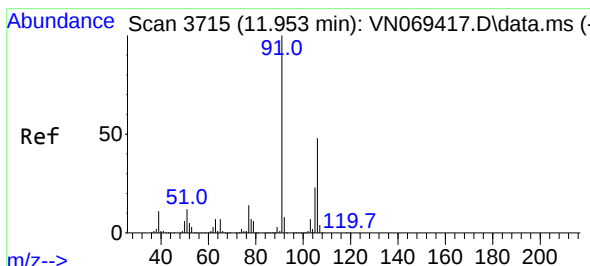
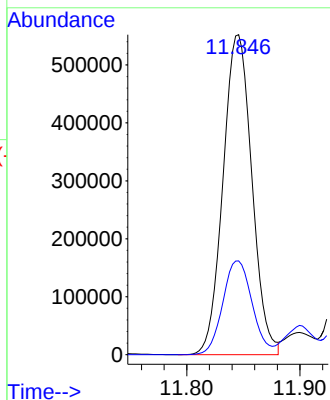
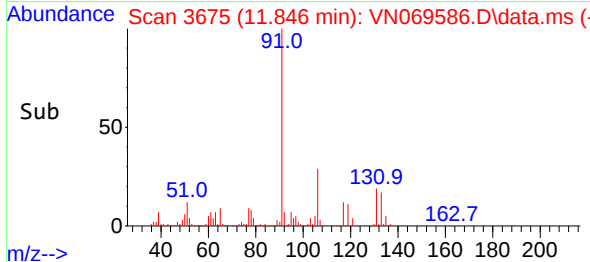
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



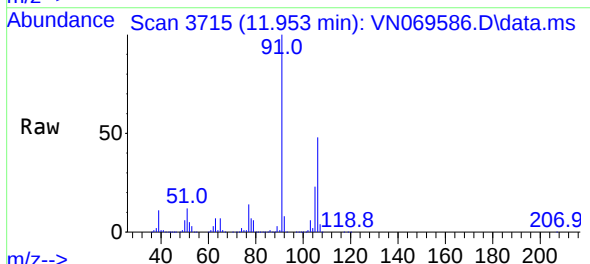
Tgt Ion: 91 Resp: 977480
Ion Ratio Lower Upper
91 100
106 29.3 25.7 38.5

Manual Integrations
APPROVED

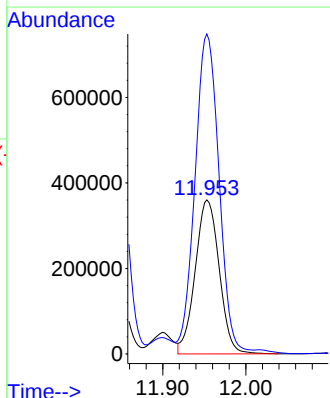
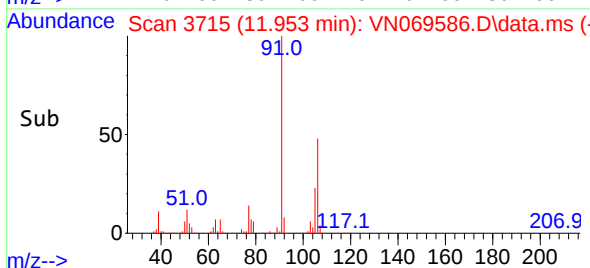
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

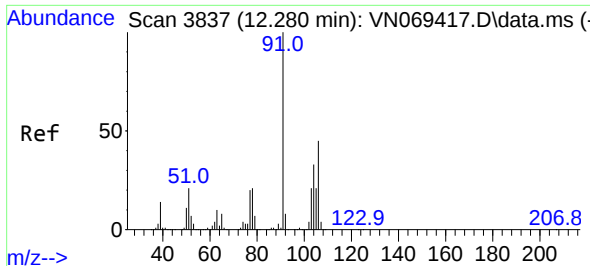


#68
m/p-Xylenes
Concen: 39.194 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



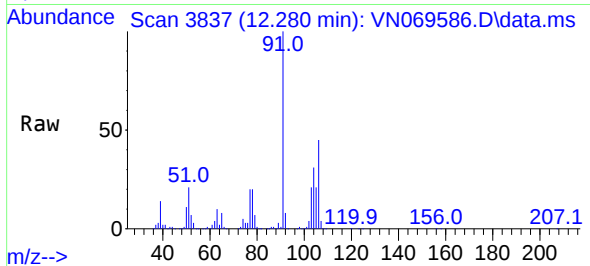
Tgt Ion:106 Resp: 722136
Ion Ratio Lower Upper
106 100
91 203.5 160.6 240.8





#69
o-Xylene
Concen: 19.625 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

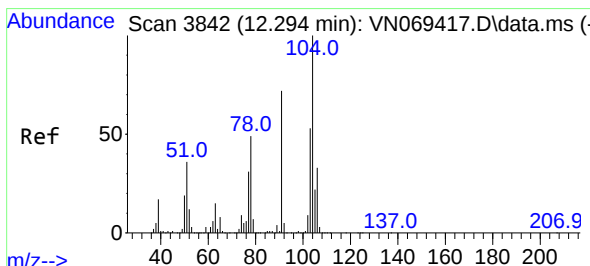
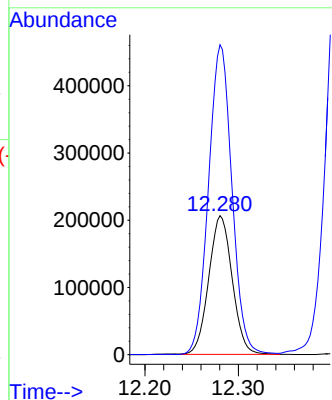
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



Tgt Ion:106 Resp: 360463
Ion Ratio Lower Upper
106 100
91 222.8 105.8 317.3

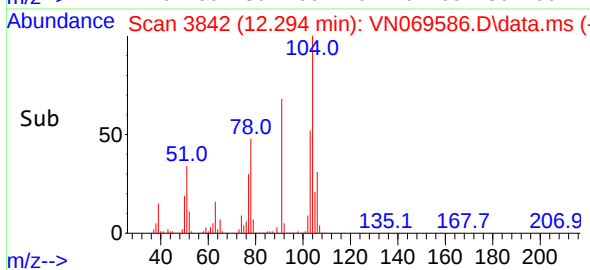
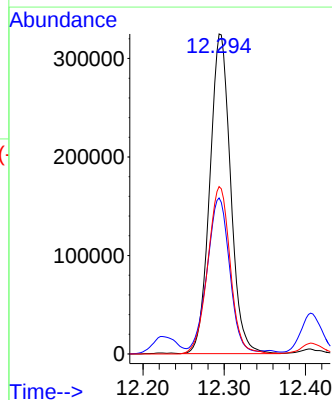
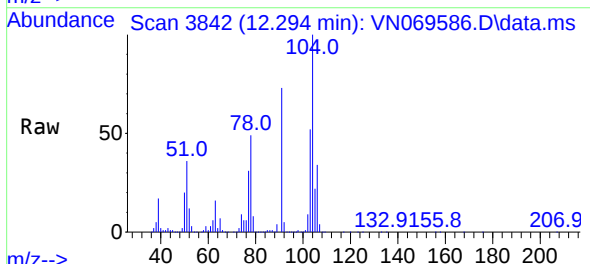
Manual Integrations
APPROVED

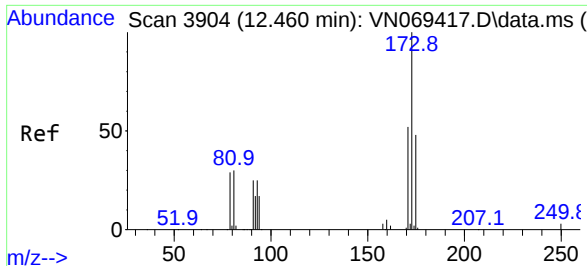
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#70
Styrene
Concen: 18.494 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion:104 Resp: 577322
Ion Ratio Lower Upper
104 100
78 51.6 38.7 58.1
103 56.6 45.0 67.6





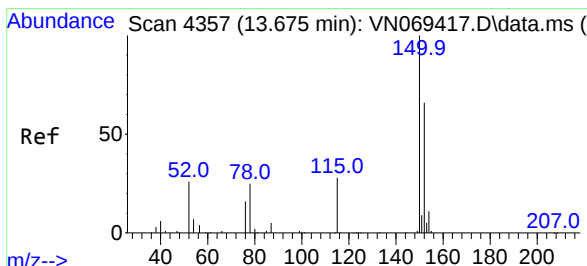
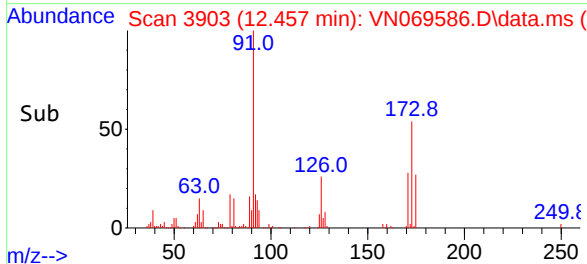
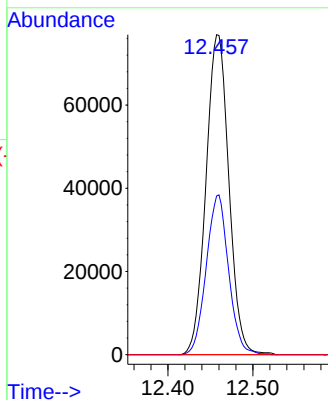
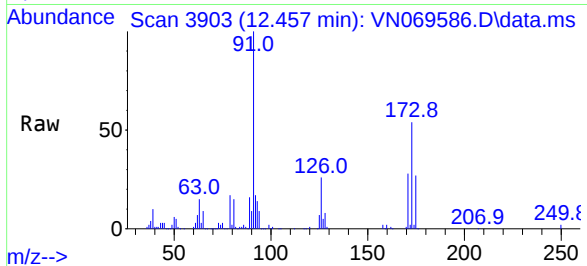
#71
Bromoform
Concen: 19.826 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion:173 Resp: 144018
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

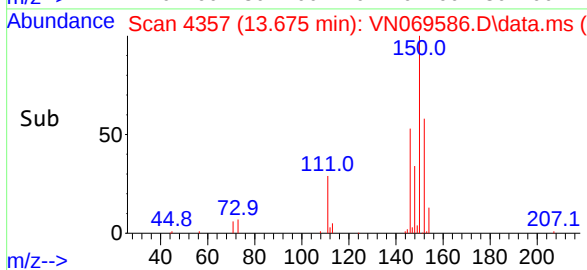
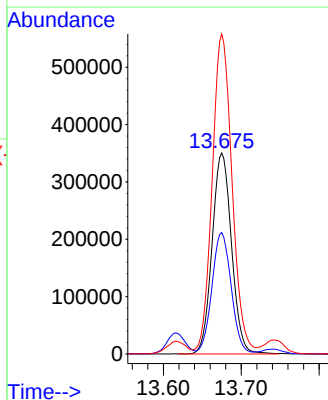
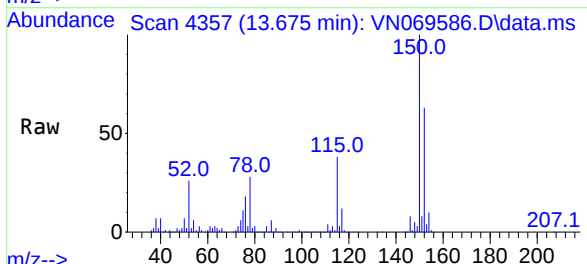
Manual Integrations
APPROVED

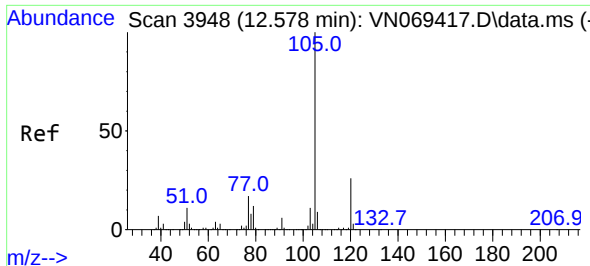
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

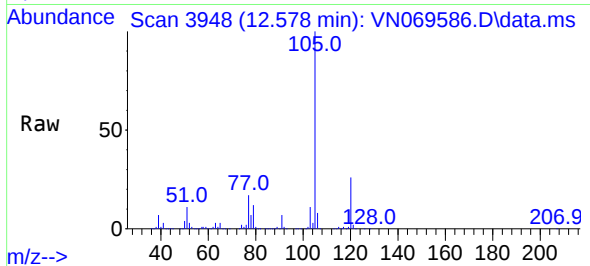
Tgt Ion:152 Resp: 606616
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 163.2 0.0 344.4





#73
Isopropylbenzene
Concen: 20.078 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

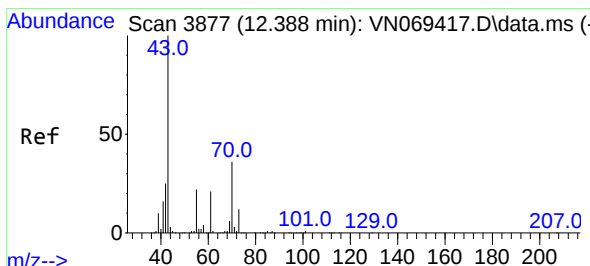
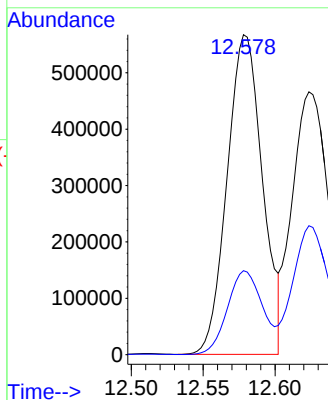
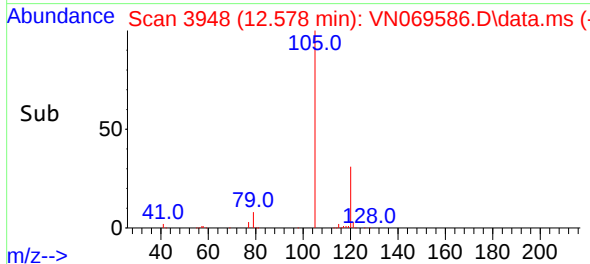
Instrument : MSVOA_N
ClientSampleId : VN1119WBS02



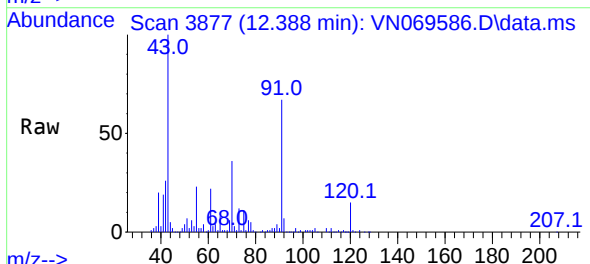
Tgt Ion:105 Resp: 969759
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

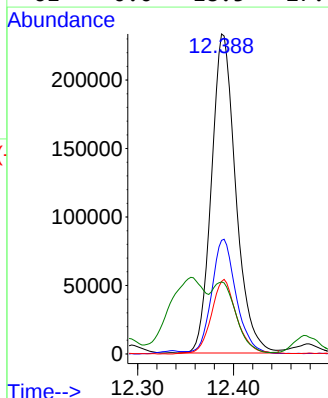
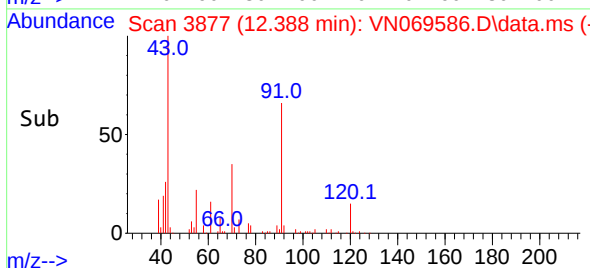
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

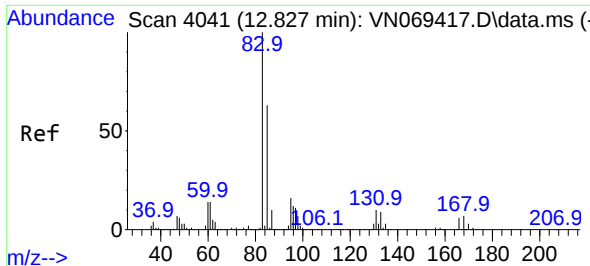


#74
N-ethyl acetate
Concen: 20.019 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



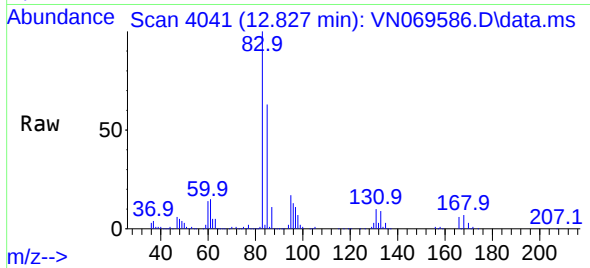
Tgt Ion: 43 Resp: 409777
Ion Ratio Lower Upper
43 100
70 36.2 33.4 50.0
55 24.5 19.3 28.9
61 0.0 18.5 27.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.790 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

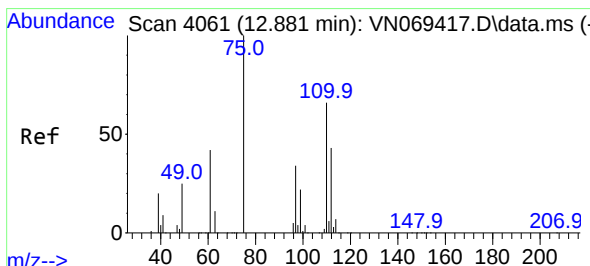
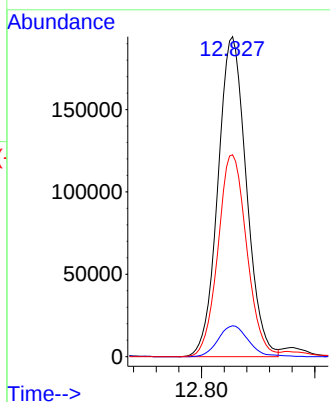
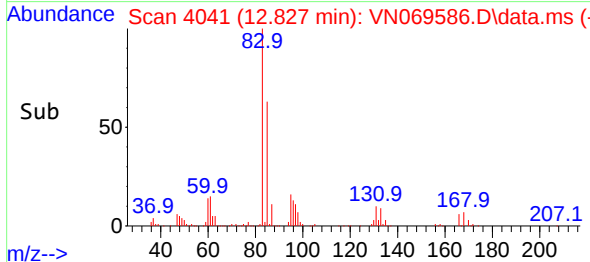
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



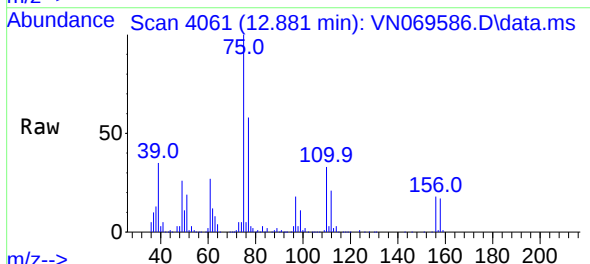
Tgt Ion: 83 Resp: 338660
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 63.7 32.4 97.2

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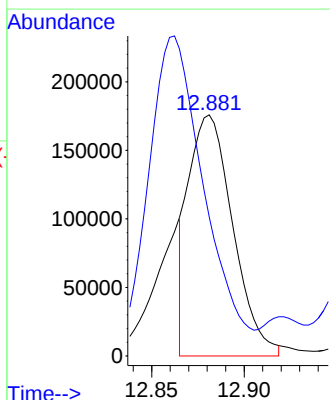
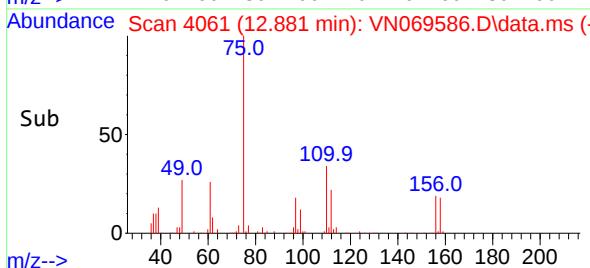
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

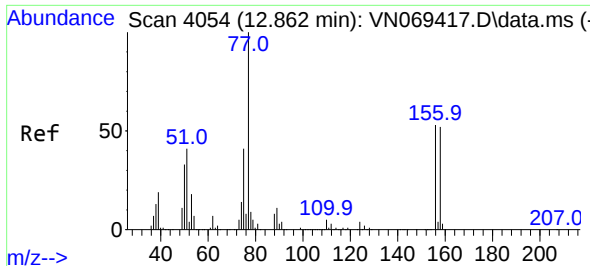


#76
1,2,3-Trichloropropane
Concen: 20.859 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



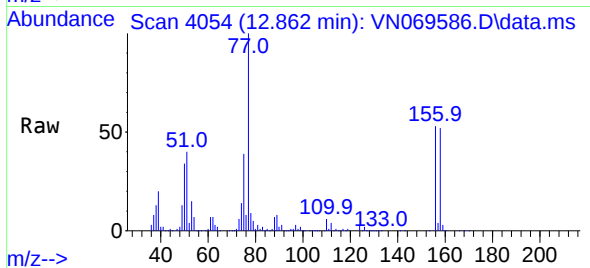
Tgt Ion: 75 Resp: 292017
Ion Ratio Lower Upper
75 100
77 167.5 82.6 247.8





#77
Bromobenzene
Concen: 19.993 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

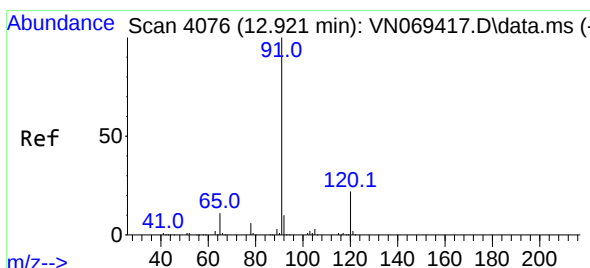
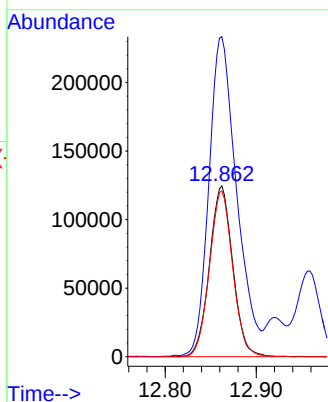
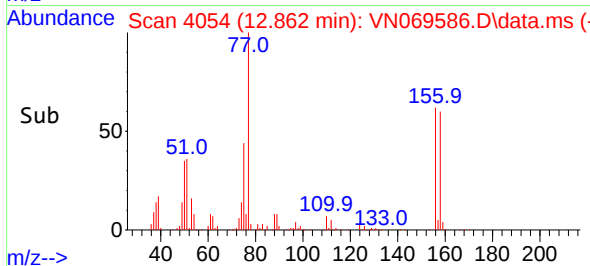
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



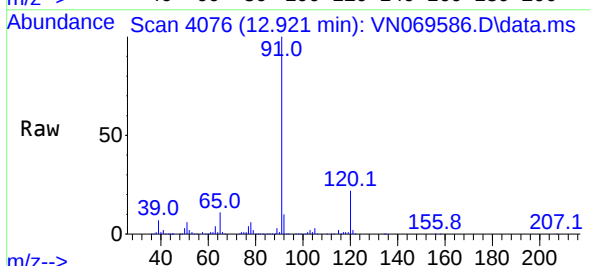
Tgt Ion:156 Resp: 22084
Ion Ratio Lower Upper
156 100
77 221.4 90.6 271.8
158 97.0 48.9 146.7

Manual Integrations
APPROVED

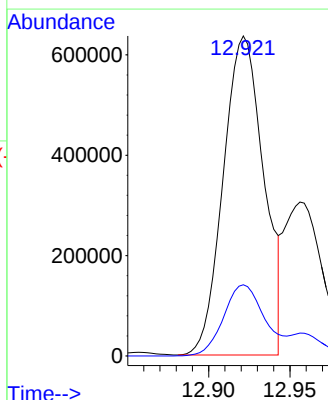
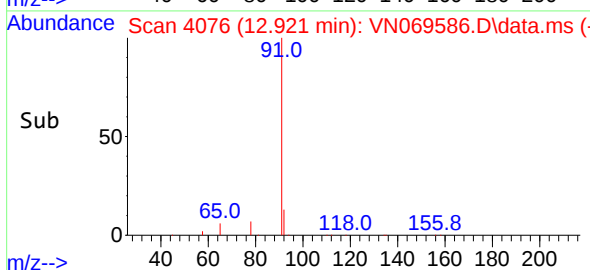
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

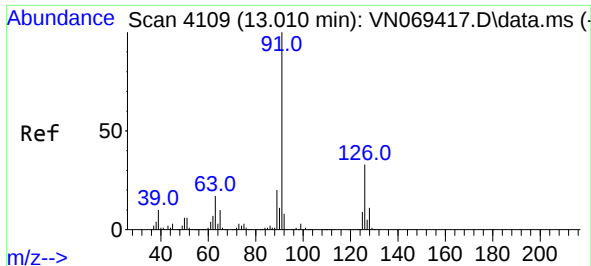


#78
n-propylbenzene
Concen: 20.303 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



Tgt Ion: 91 Resp: 1103392
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9





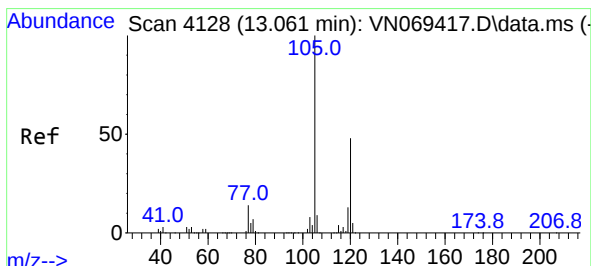
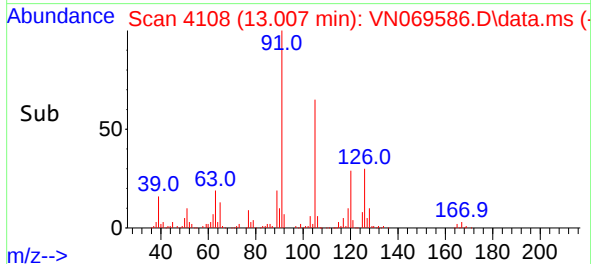
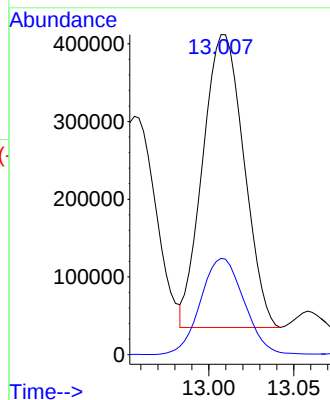
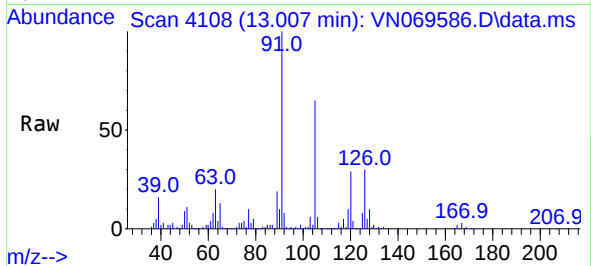
#79
2-Chlorotoluene
Concen: 18.843 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion: 91 Resp: 634075
Ion Ratio Lower Upper
91 100
126 34.7 18.3 54.8

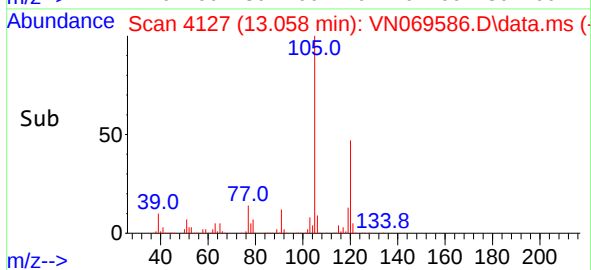
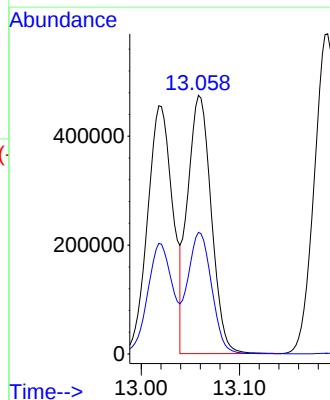
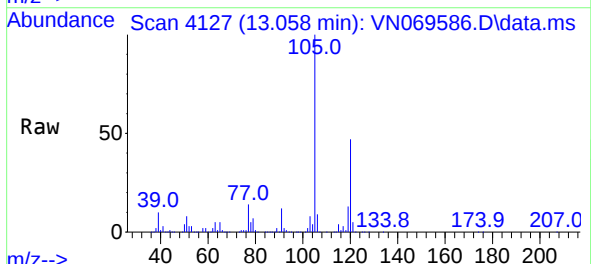
Manual Integrations
APPROVED

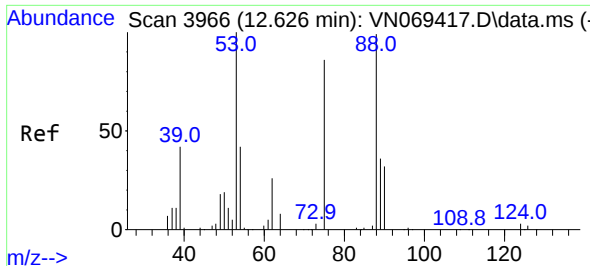
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.228 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

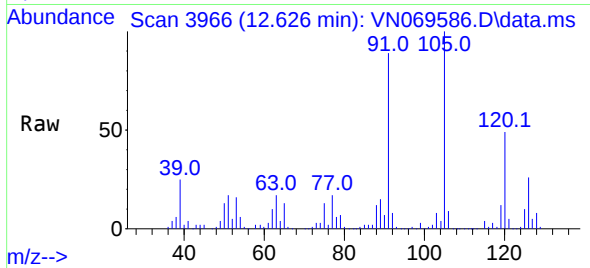
Tgt Ion:105 Resp: 789825
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 26.231 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

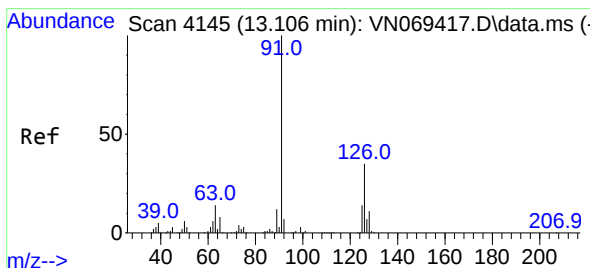
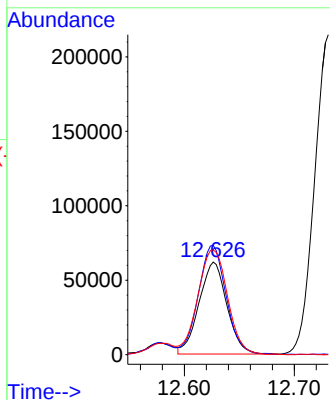
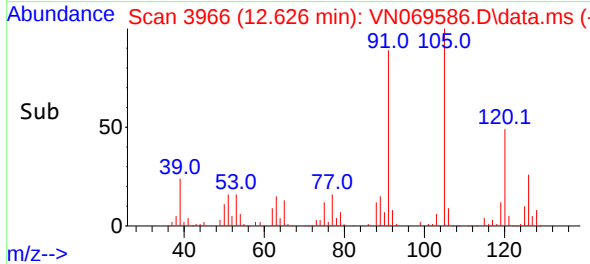
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



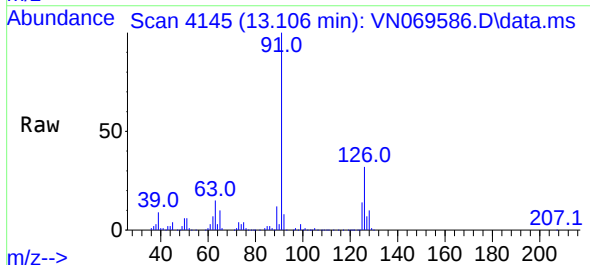
Tgt Ion: 75 Resp: 108730
Ion Ratio Lower Upper
75 100
53 116.6 90.5 135.7
89 122.3 38.2 57.4

Manual Integrations
APPROVED

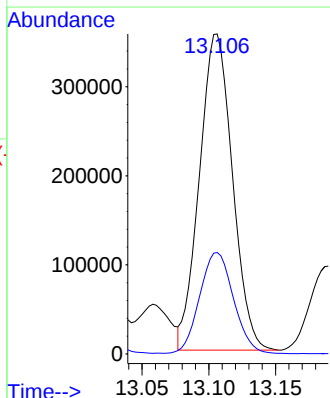
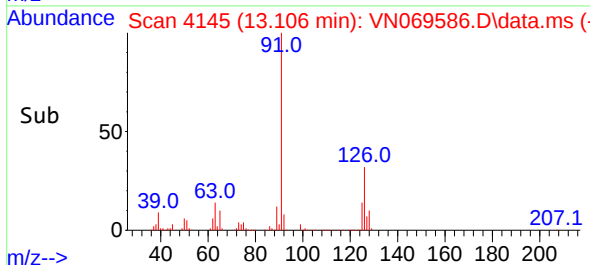
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

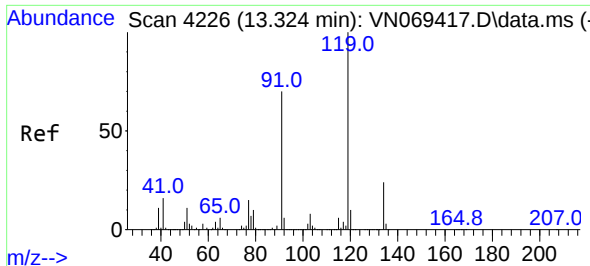


#82
4-Chlorotoluene
Concen: 19.040 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



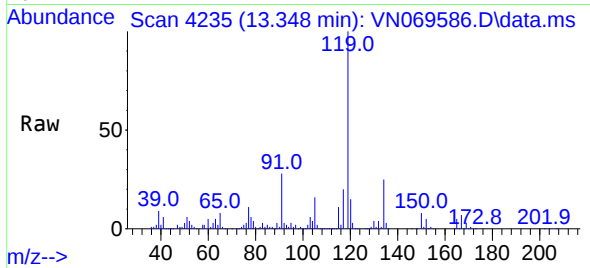
Tgt Ion: 91 Resp: 610760
Ion Ratio Lower Upper
91 100
126 32.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.027 ug/l
RT: 13.348 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

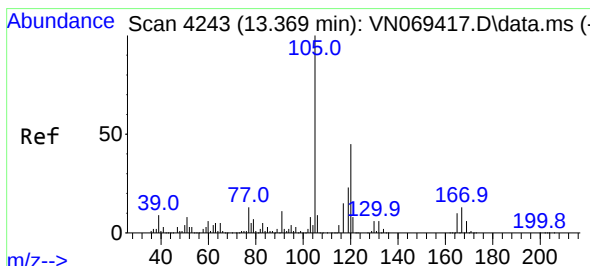
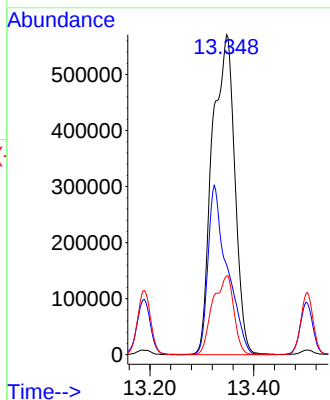
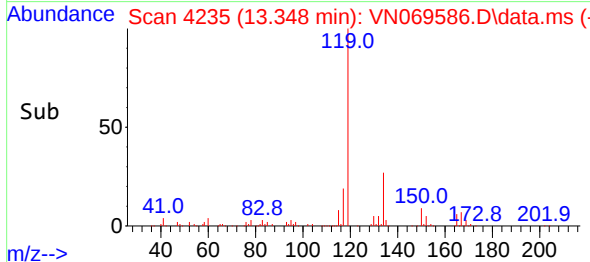
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



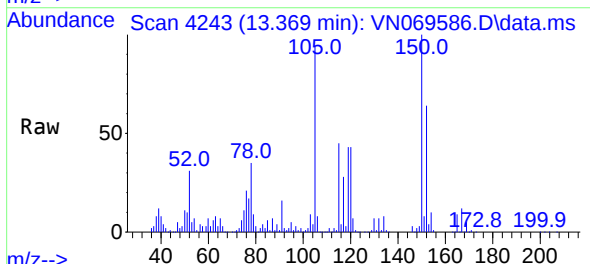
Tgt Ion:119 Resp: 1711754
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5
134 23.2 12.4 37.4

Manual Integrations
APPROVED

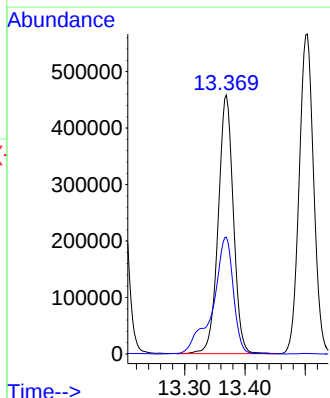
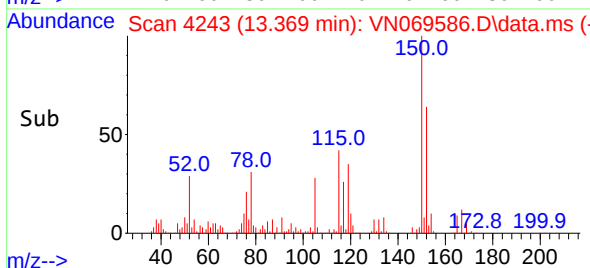
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

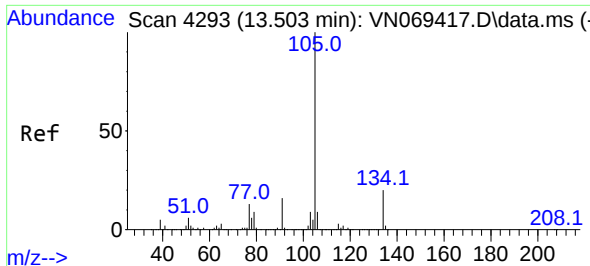


#84
1,2,4-Trimethylbenzene
Concen: 21.179 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



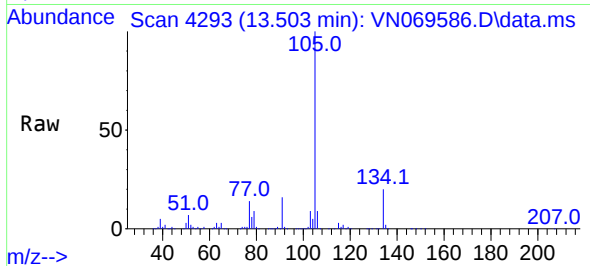
Tgt Ion:105 Resp: 798332
Ion Ratio Lower Upper
105 100
120 61.2 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 19.673 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13

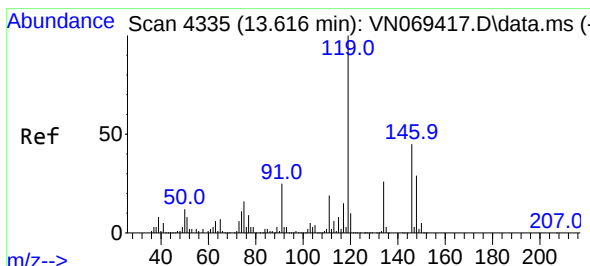
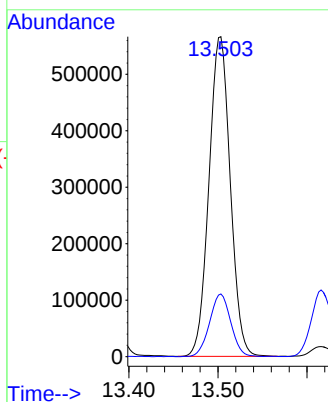
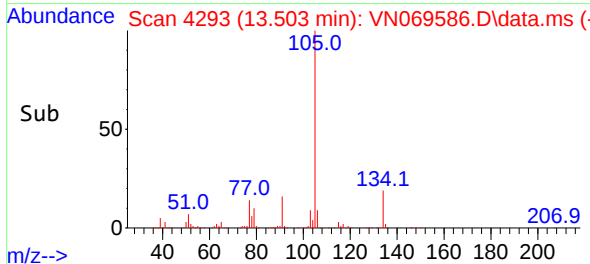
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS02



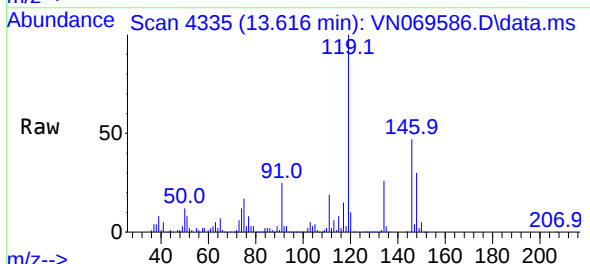
Tgt Ion:105 Resp: 940339
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
 APPROVED

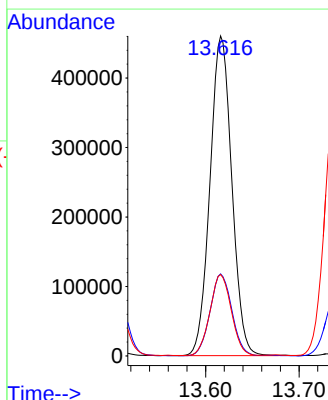
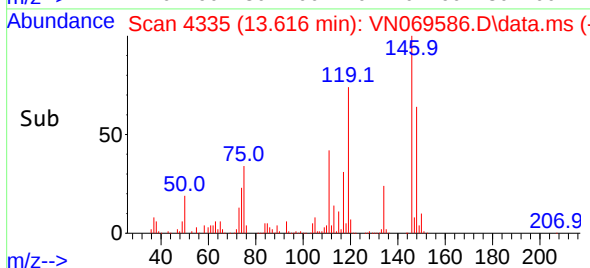
Reviewed By :John Carlone 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021

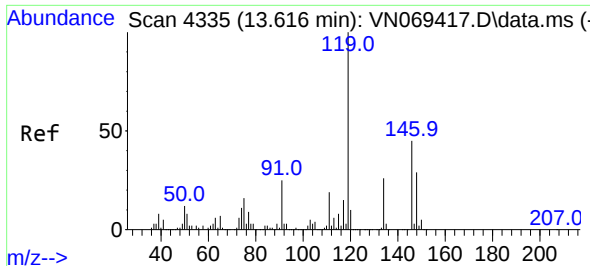


#86
 p-Isopropyltoluene
 Concen: 19.683 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13



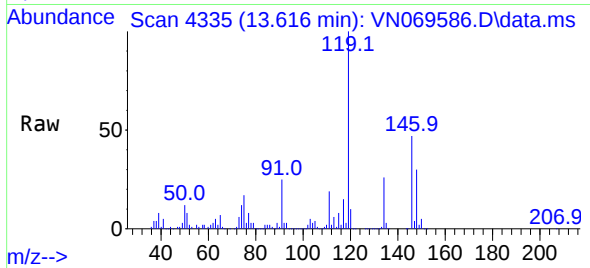
Tgt Ion:119 Resp: 746834
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 24.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.463 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

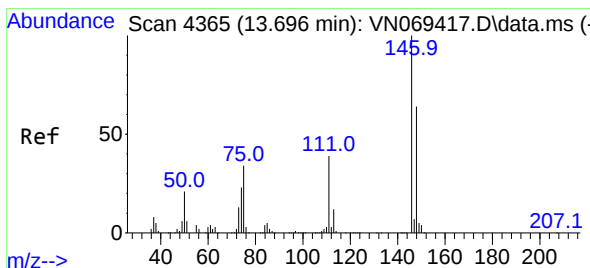
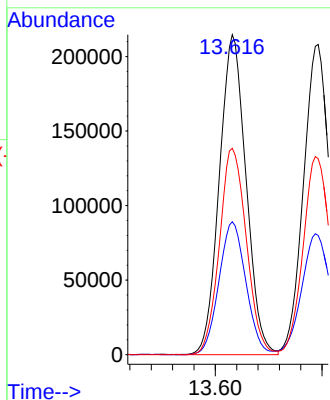
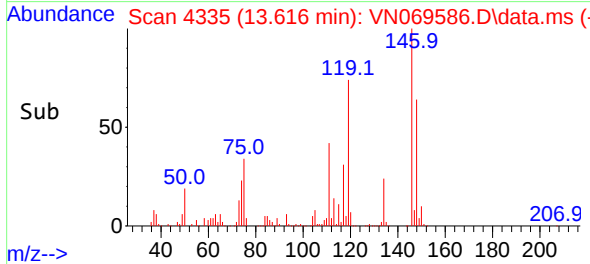
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



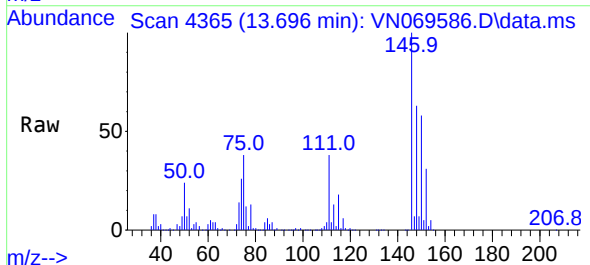
Tgt Ion:146 Resp: 372730
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 65.2 31.6 95.0

Manual Integrations
APPROVED

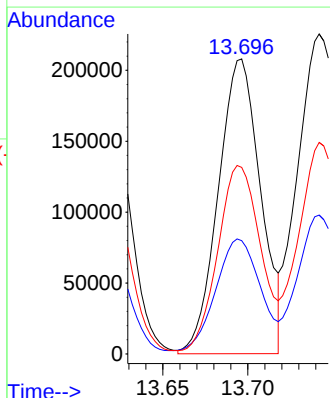
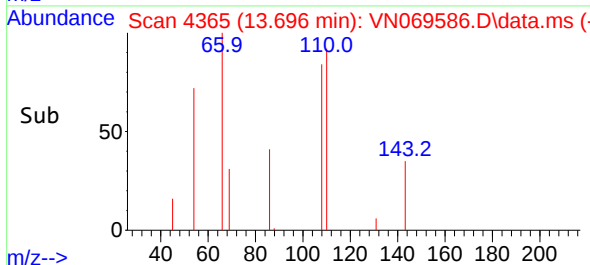
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

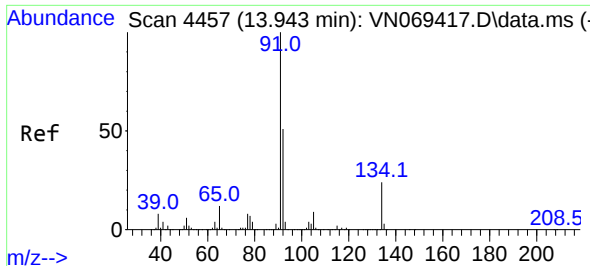


#88
1,4-Dichlorobenzene
Concen: 19.175 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



Tgt Ion:146 Resp: 360246
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.8
148 65.3 31.8 95.4





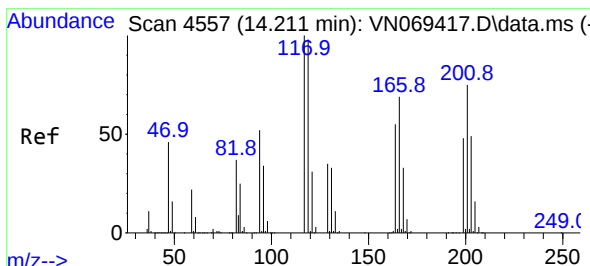
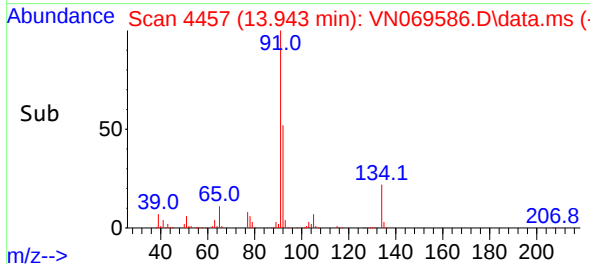
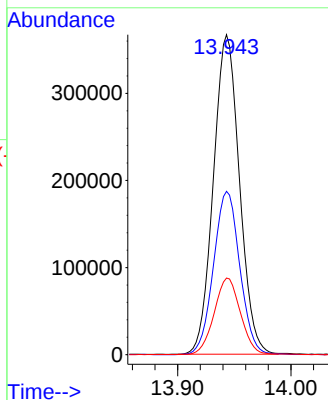
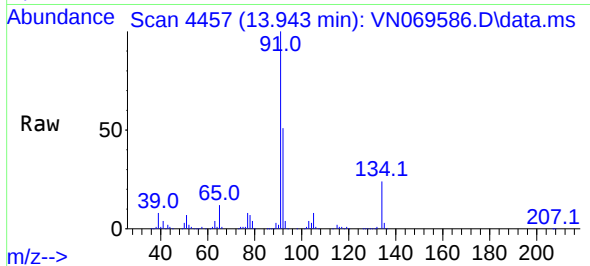
#89
n-Butylbenzene
Concen: 18.532 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion: 91 Resp: 586389
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 24.4 13.6 40.8

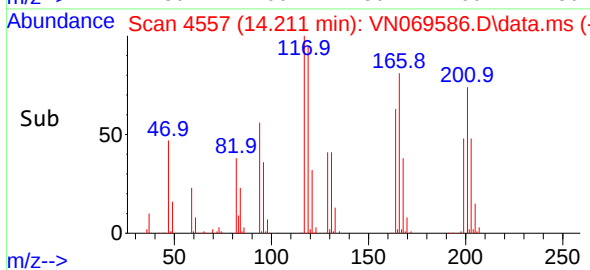
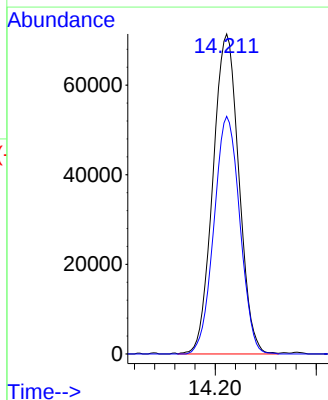
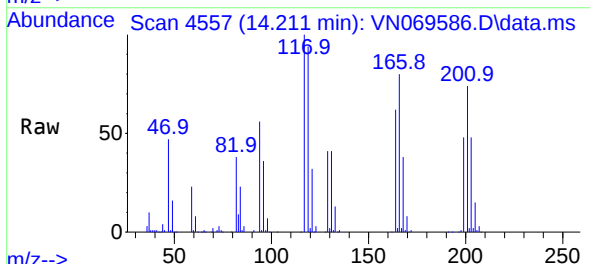
Manual Integrations
APPROVED

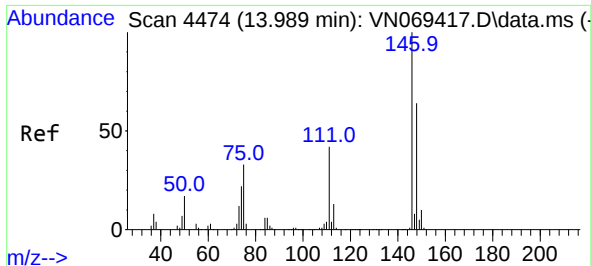
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#90
Hexachloroethane
Concen: 19.624 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

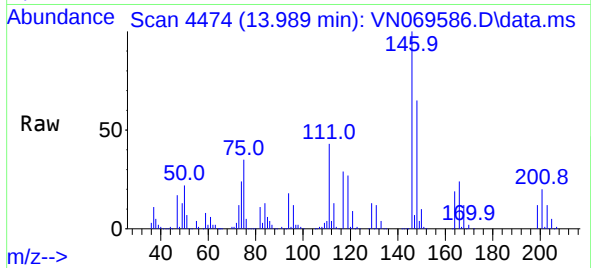
Tgt Ion:117 Resp: 127290
Ion Ratio Lower Upper
117 100
201 74.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.605 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

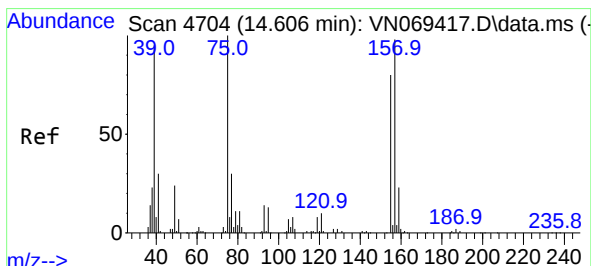
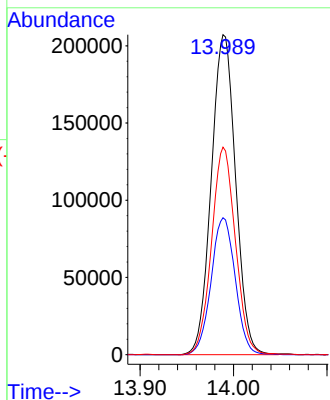
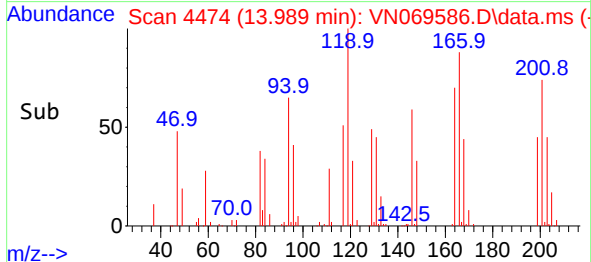
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02



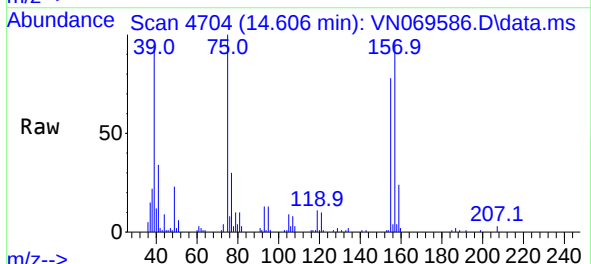
Tgt Ion:146 Resp: 375500
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 63.8 32.1 96.3

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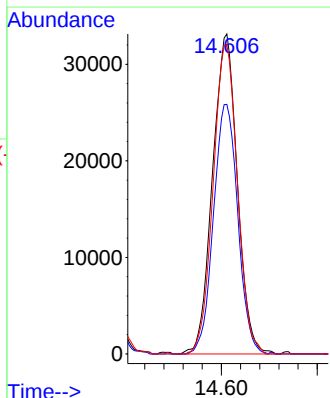
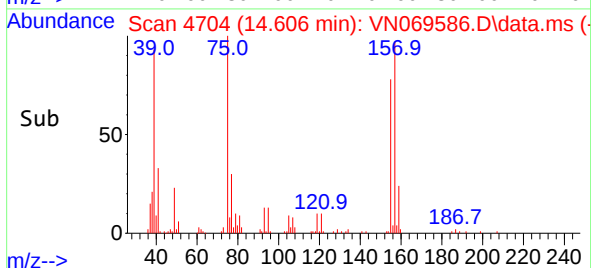
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

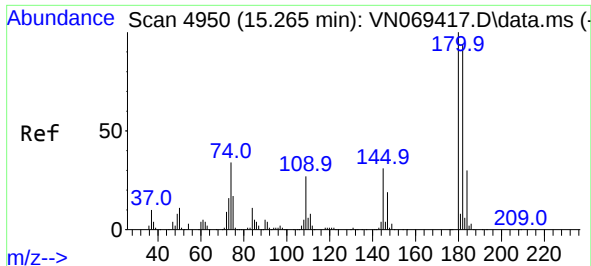


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.664 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



Tgt Ion: 75 Resp: 59272
Ion Ratio Lower Upper
75 100
155 76.7 46.9 140.7
157 95.0 60.6 181.7





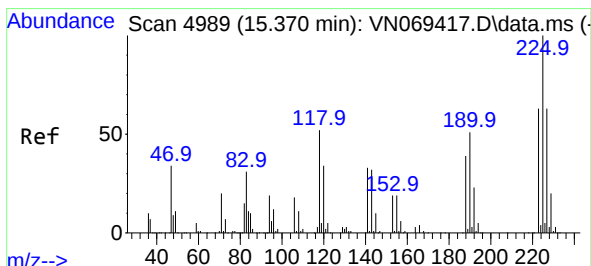
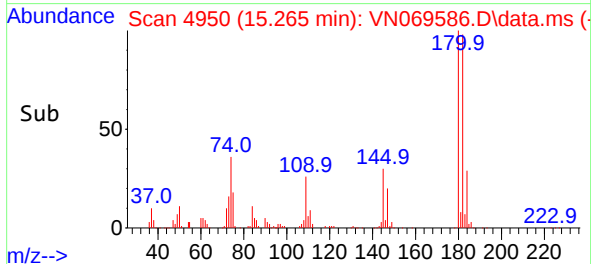
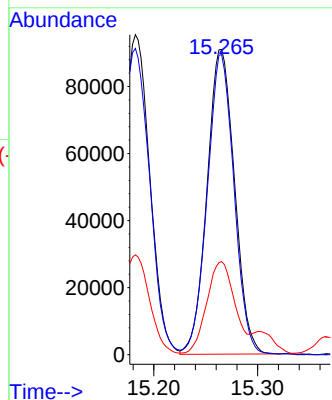
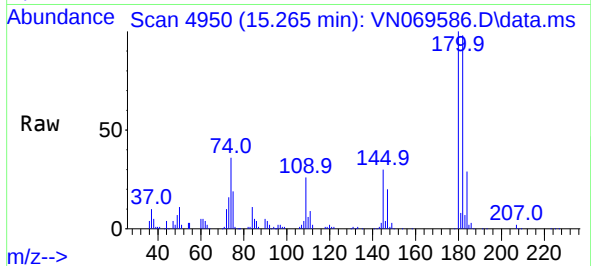
#93
1,2,4-Trichlorobenzene
Concen: 19.563 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion:180 Resp: 167499
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 30.6 14.5 43.5

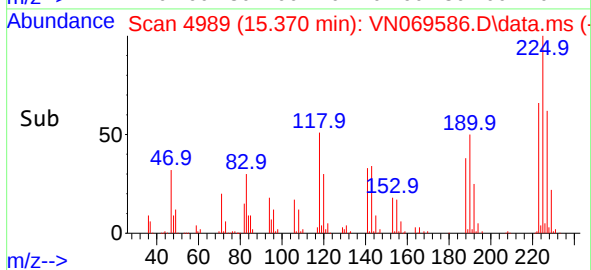
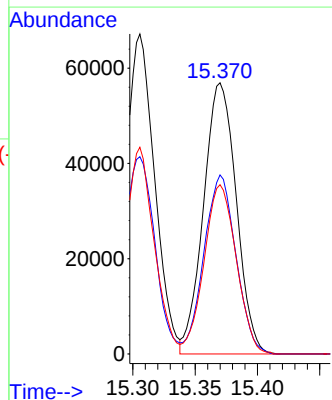
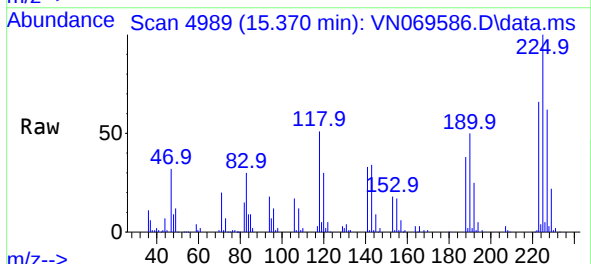
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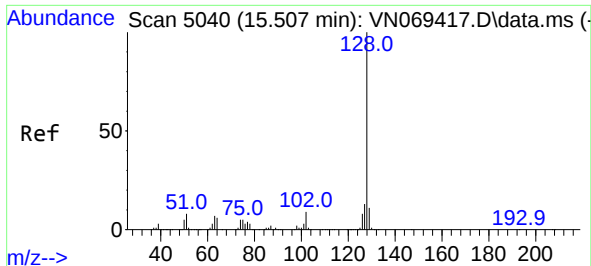
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#94
Hexachlorobutadiene
Concen: 22.000 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion:225 Resp: 104172
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.7
227 61.5 32.1 96.3





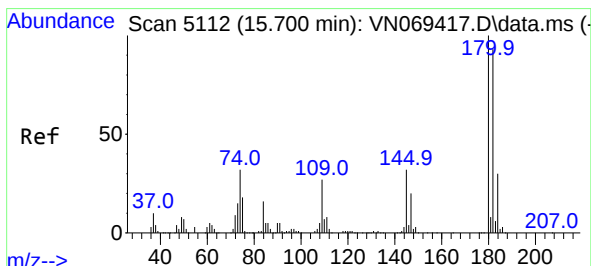
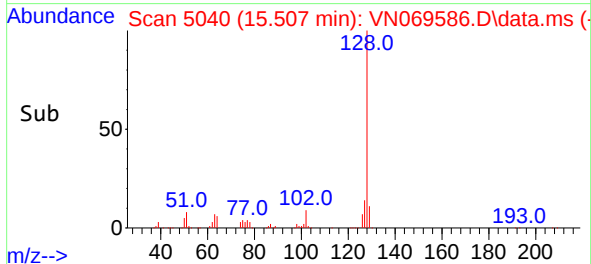
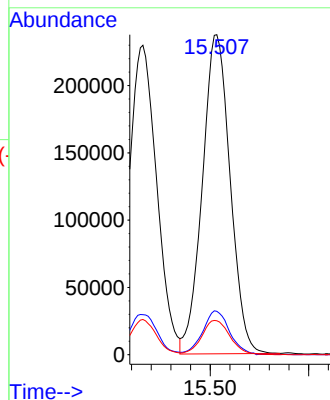
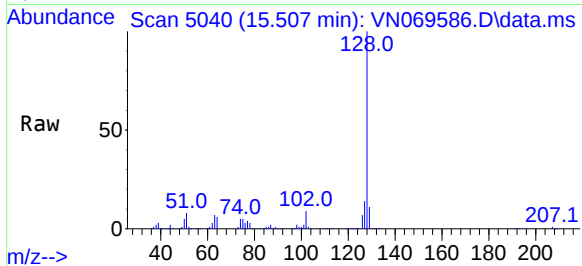
#95
Naphthalene
Concen: 20.215 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS02

Tgt Ion:128 Resp: 465998
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.270 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion:180 Resp: 166708
Ion Ratio Lower Upper
180 100
182 96.9 47.4 142.2
145 32.6 15.0 45.1

