

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069466.D
 Acq On : 12 Nov 2021 14:23
 Operator : JC/MD
 Sample : VN1112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:25:37 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	8.088	168	925494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1553400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1436904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	603343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	730198	54.415	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.820%	
35) Dibromofluoromethane	8.024	113	497121	53.358	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.720%	
50) Toluene-d8	10.443	98	1945066	53.083	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.160%	
62) 4-Bromofluorobenzene	12.733	95	672726	49.976	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.075	85	203837	20.616	ug/l	100
3) Chloromethane	2.306	50	219468	19.139	ug/l	100
4) Vinyl Chloride	2.448	62	219566	19.123	ug/l	99
5) Bromomethane	2.861	94	149437	20.041	ug/l	97
6) Chloroethane	3.022	64	149869	19.338	ug/l	99
7) Trichlorofluoromethane	3.376	101	347740	19.597	ug/l	98
8) Diethyl Ether	3.827	74	118130	20.576	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.207	101	169647	20.296	ug/l	93
10) Methyl Iodide	4.419	142	196284	19.145	ug/l	97
11) Tert butyl alcohol	5.387	59	218364	90.305	ug/l	99
12) 1,1-Dichloroethene	4.181	96	146114	19.479	ug/l	91
13) Acrolein	4.044	56	29151	80.654	ug/l	93
14) Allyl chloride	4.843	41	318144	19.183	ug/l	97
15) Acrylonitrile	5.562	53	661813	106.877	ug/l	99
16) Acetone	4.291	43	686077	94.759	ug/l	96
17) Carbon Disulfide	4.527	76	291216	16.424	ug/l	98
18) Methyl Acetate	4.859	43	482775	20.513	ug/l	93
19) Methyl tert-butyl Ether	5.623	73	673406	21.213	ug/l	97
20) Methylene Chloride	5.092	84	204150	19.884	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	164008	19.576	ug/l	90
22) Diisopropyl ether	6.500	45	767415	21.482	ug/l	95
23) Vinyl Acetate	6.439	43	2913136	105.432	ug/l	95
24) 1,1-Dichloroethane	6.388	63	374638	20.589	ug/l	99
25) 2-Butanone	7.340	43	992589	101.245	ug/l	93
26) 2,2-Dichloropropane	7.327	77	270268	18.984	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	216807	20.875	ug/l	91
28) Bromochloromethane	7.659	49	197007	21.142	ug/l #	80
29) Tetrahydrofuran	7.689	42	641753	106.668	ug/l	89
30) Chloroform	7.820	83	395691	21.212	ug/l	97
31) Cyclohexane	8.096	56	353026	19.256	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	313239	20.117	ug/l	97
36) 1,1-Dichloropropene	8.222	75	264635	20.246	ug/l	97
37) Ethyl Acetate	7.415	43	383843	21.724	ug/l	96
38) Carbon Tetrachloride	8.206	117	251251	19.910	ug/l	99
39) Methylcyclohexane	9.461	83	315133	19.381	ug/l	91
40) Benzene	8.461	78	854311	21.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	190648	20.882	ug/l	90
42) 1,2-Dichloroethane	8.531	62	346966	21.963	ug/l	98
43) Isopropyl Acetate	8.563	43	599072	21.109	ug/l	94
44) Trichloroethene	9.220	130	199553	20.667	ug/l	91
45) 1,2-Dichloropropane	9.494	63	233034	21.619	ug/l	98
46) Dibromomethane	9.579	93	154466	21.394	ug/l	91
47) Bromodichloromethane	9.764	83	278042	20.637	ug/l	100
48) Methyl methacrylate	9.563	41	267706	20.049	ug/l	93
49) 1,4-Dioxane	9.571	88	95406	385.527	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	2002134	109.295	ug/l	94
52) Toluene	10.507	92	526710	20.956	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	279040	18.594	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	312693	19.025	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	226190	22.325	ug/l	99
56) Ethyl methacrylate	10.762	69	356010	19.933	ug/l	87
57) 1,3-Dichloropropane	11.046	76	380702	21.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	373674	91.949	ug/l	93
59) 2-Hexanone	11.089	43	1410249	96.222	ug/l	93
60) Dibromochloromethane	11.240	129	191763	18.828	ug/l	100
61) 1,2-Dibromoethane	11.347	107	220837	20.180	ug/l	99
64) Tetrachloroethene	10.979	164	184779	21.297	ug/l	96
65) Chlorobenzene	11.773	112	567235	21.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	200267	21.588	ug/l	98
67) Ethyl Benzene	11.846	91	1032556	20.933	ug/l	96
68) m/p-Xylenes	11.956	106	761620	41.981	ug/l	94
69) o-Xylene	12.283	106	380457	21.035	ug/l	95
70) Styrene	12.296	104	614085	19.856	ug/l	97
71) Bromoform	12.460	173	125551	17.946	ug/l #	98
73) Isopropylbenzene	12.580	105	979399	20.388	ug/l	99
74) N-amyl acetate	12.390	43	418224	20.543	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	352178	21.737	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	287929m	20.679	ug/l	
77) Bromobenzene	12.862	156	233756	21.277	ug/l	83
78) n-propylbenzene	12.924	91	1108497	20.507	ug/l	96
79) 2-Chlorotoluene	13.010	91	688650	20.576	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	811272	20.890	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	67552	18.557	ug/l #	79
82) 4-Chlorotoluene	13.109	91	662321	20.759	ug/l	93
83) tert-Butylbenzene	13.326	119	703792	20.680	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	785710	20.957	ug/l	97
85) sec-Butylbenzene	13.503	105	965483	20.309	ug/l	98
86) p-Isopropyltoluene	13.618	119	761410	20.176	ug/l	97
87) 1,3-Dichlorobenzene	13.618	146	397250	20.855	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	386613	20.690	ug/l	96
89) n-Butylbenzene	13.946	91	610724	19.406	ug/l	98
90) Hexachloroethane	14.214	117	113552	17.824	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	390311	21.534	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	54684	19.298	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	167155	19.618	ug/l	98
94) Hexachlorobutadiene	15.372	225	97363	20.674	ug/l	100
95) Naphthalene	15.509	128	475824	20.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	170618	20.766	ug/l	97

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Response via : Initial Calibration

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

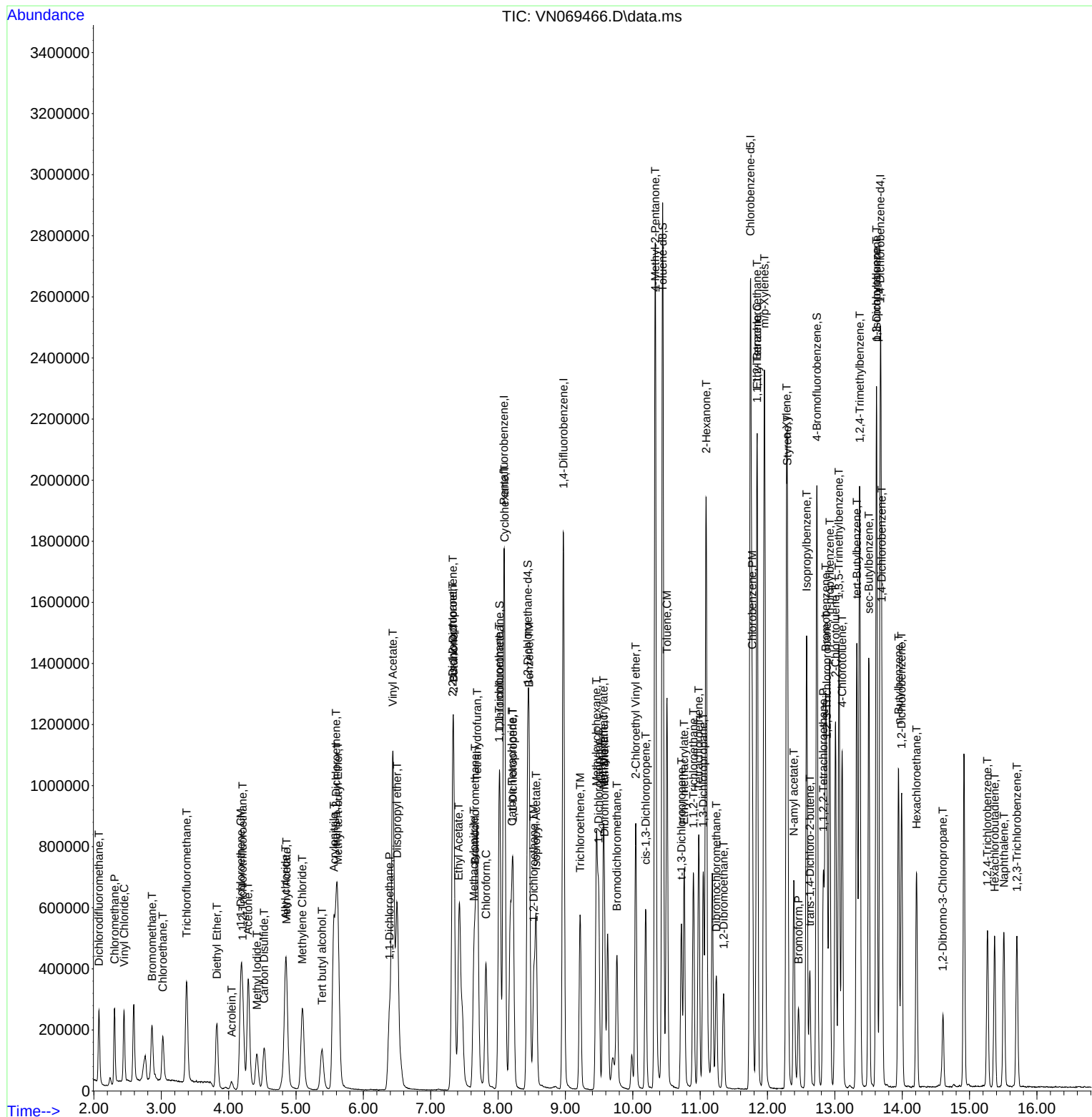
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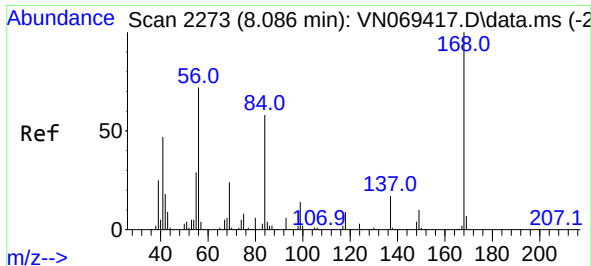
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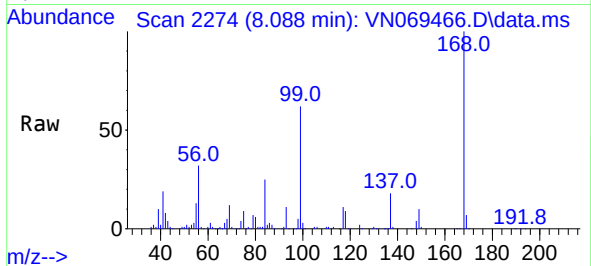
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

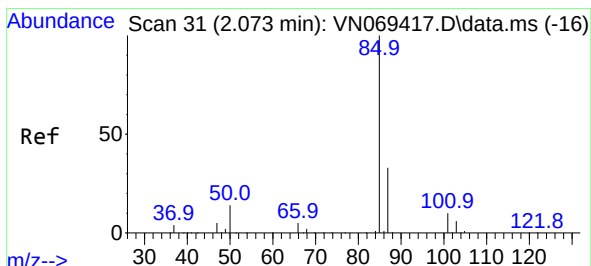
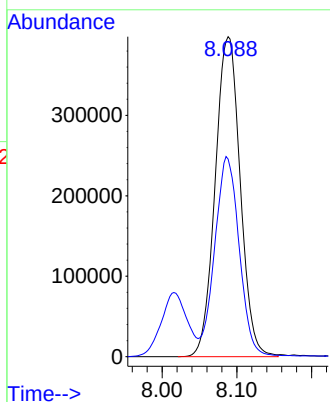
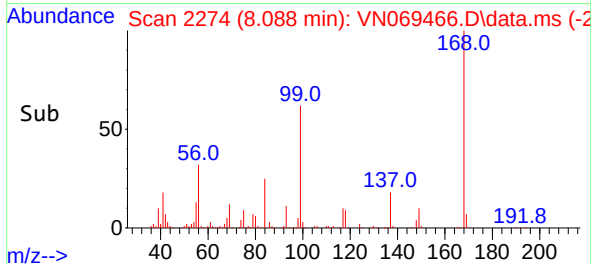
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion:168 Resp: 925494
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9

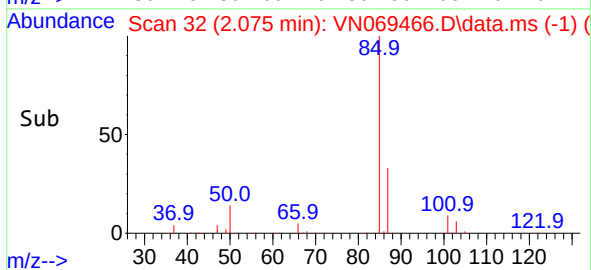
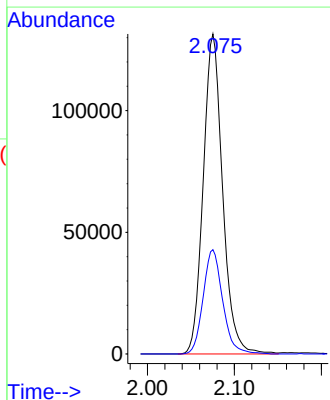
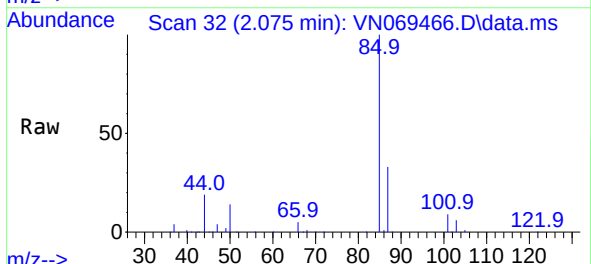
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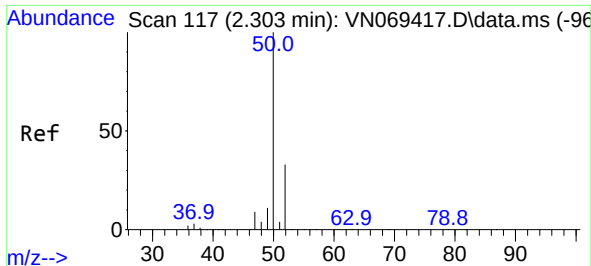
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 20.616 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

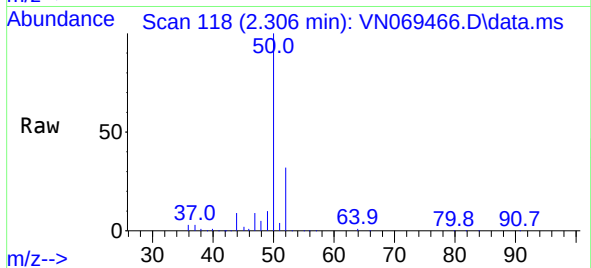
Tgt Ion: 85 Resp: 203837
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 19.139 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

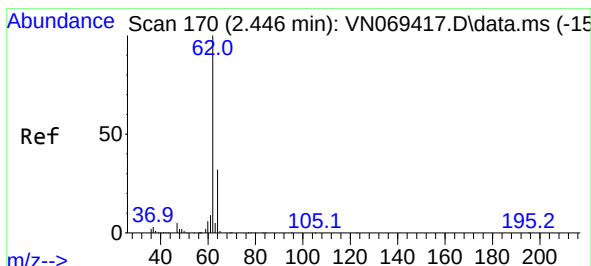
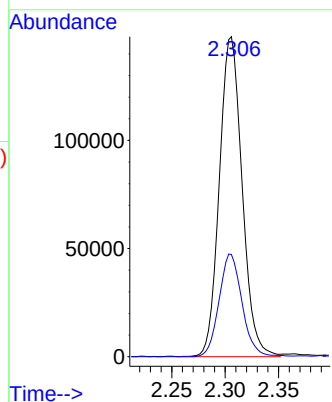
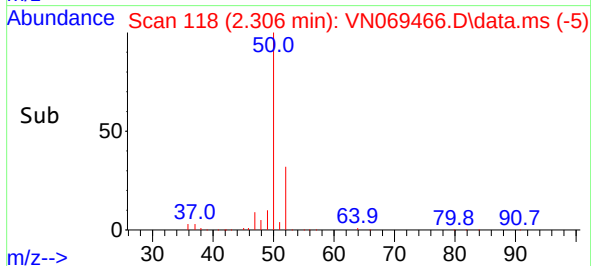
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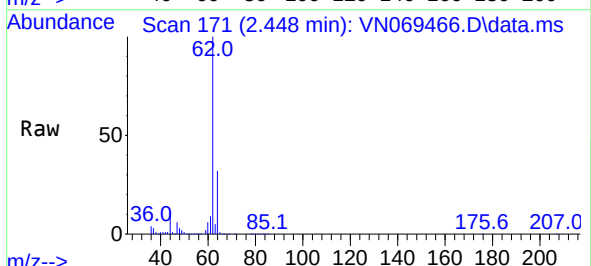
Tgt Ion: 50 Resp: 219468
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

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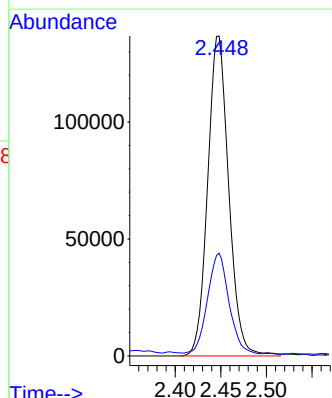
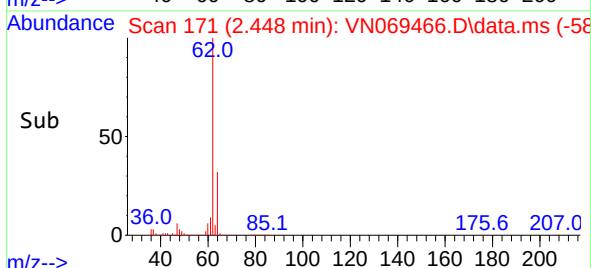
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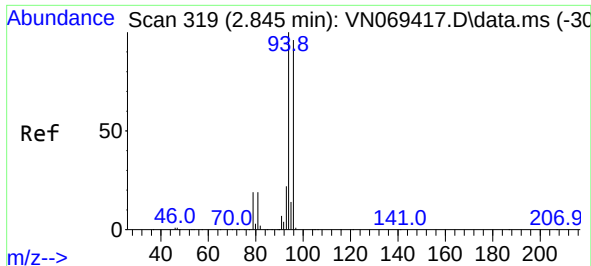


#4
Vinyl Chloride
Concen: 19.123 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



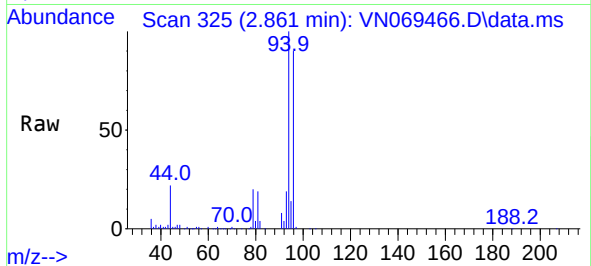
Tgt Ion: 62 Resp: 219566
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 20.041 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

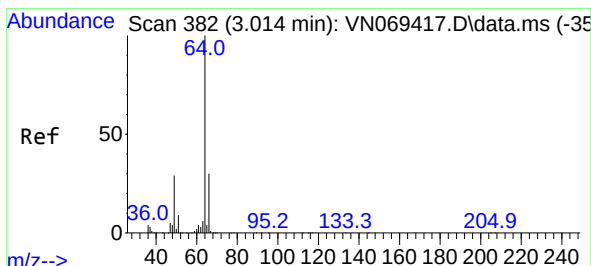
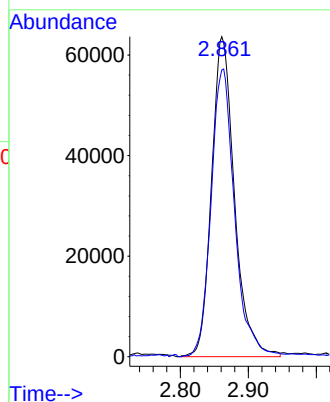
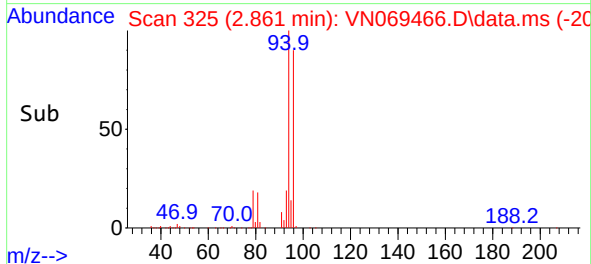
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Tgt Ion: 94 Resp: 14943
Ion Ratio Lower Upper
94 100
96 89.6 73.8 110.8

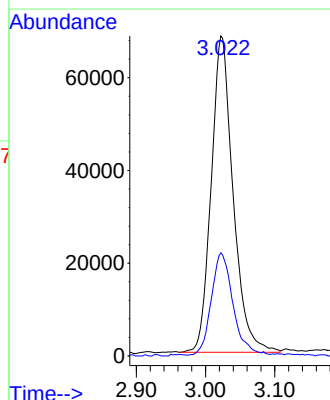
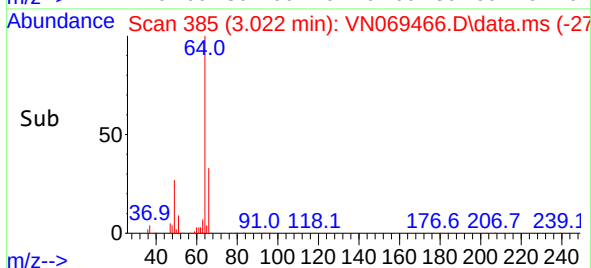
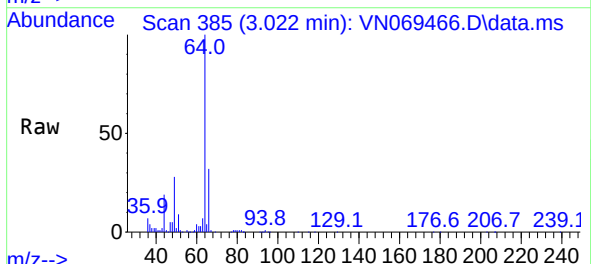
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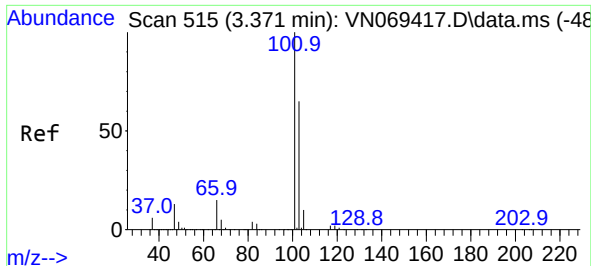
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#6
Chloroethane
Concen: 19.338 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

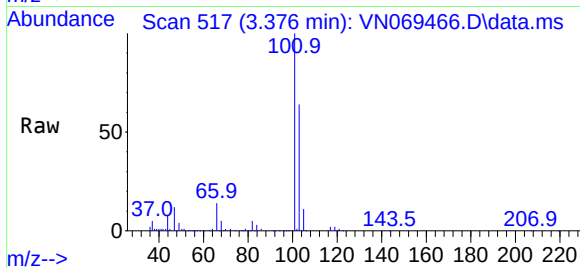
Tgt Ion: 64 Resp: 149869
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.597 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

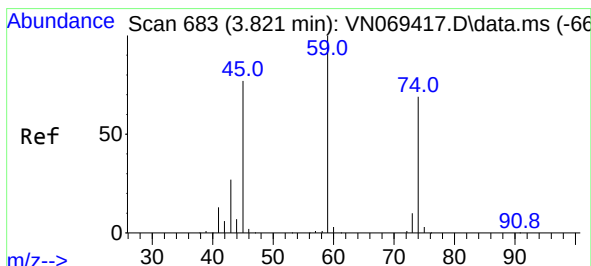
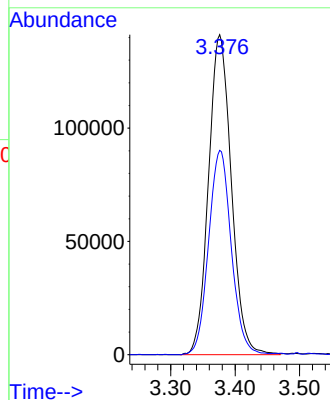
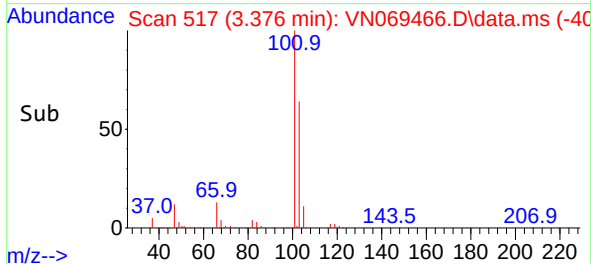
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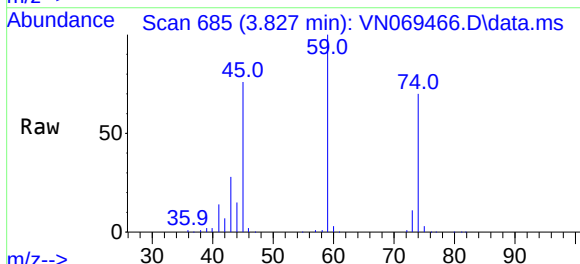
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Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

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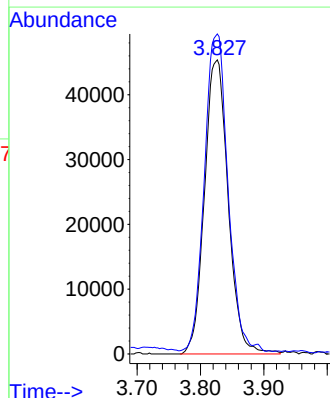
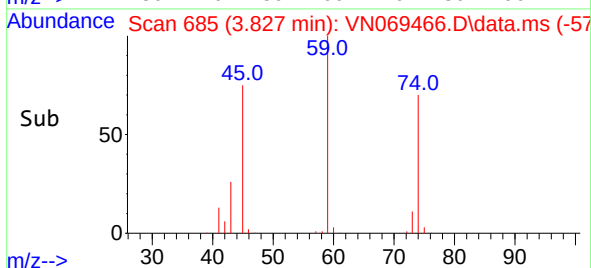
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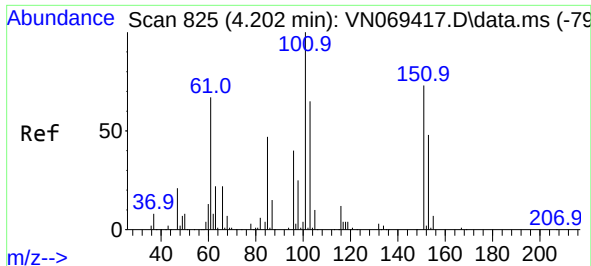


#8
Diethyl Ether
Concen: 20.576 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion: 74 Resp: 118130
Ion Ratio Lower Upper
74 100
45 106.0 47.0 141.2





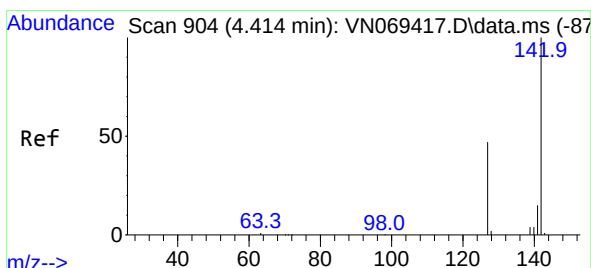
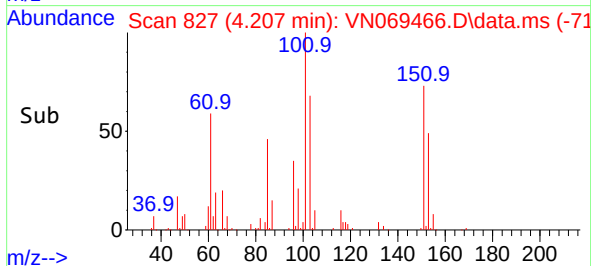
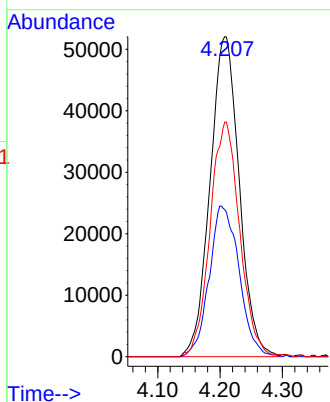
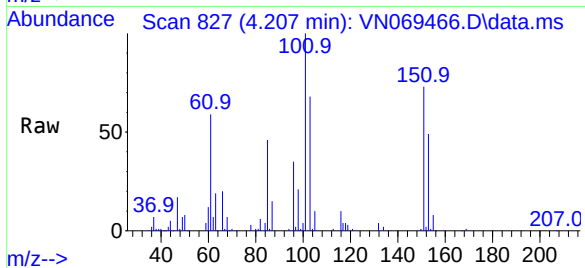
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.296 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion:101 Resp: 16964
Ion Ratio Lower Upper
101 100
85 48.2 37.2 55.8
151 74.4 65.9 98.9

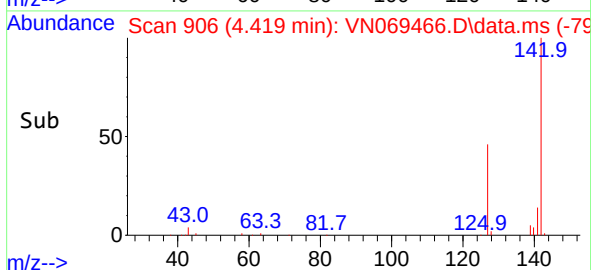
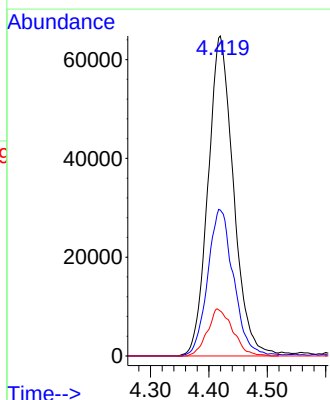
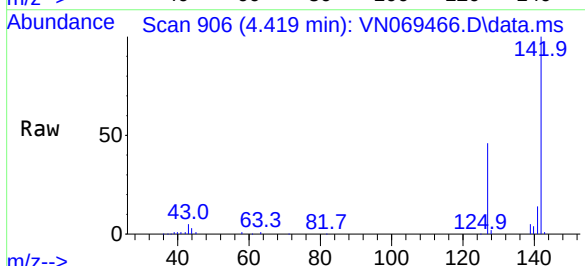
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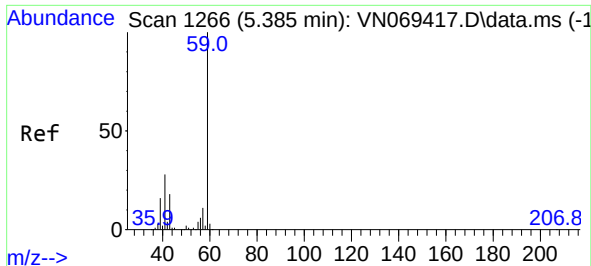
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 19.145 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

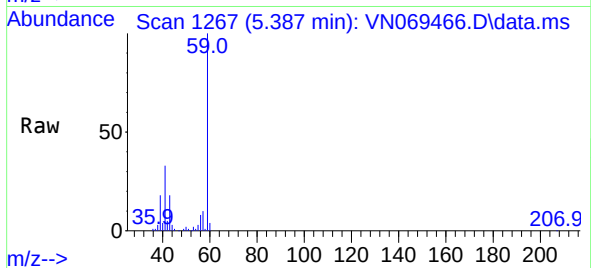
Tgt Ion:142 Resp: 196284
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 90.305 ug/l
RT: 5.387 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

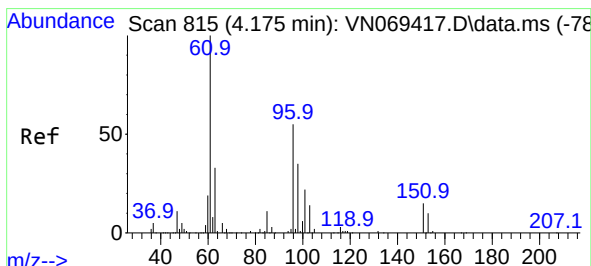
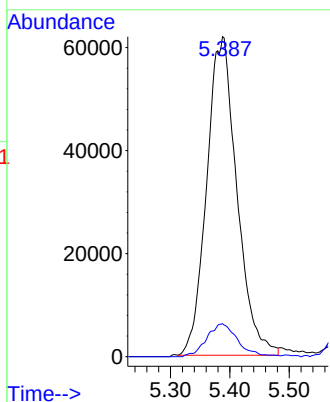
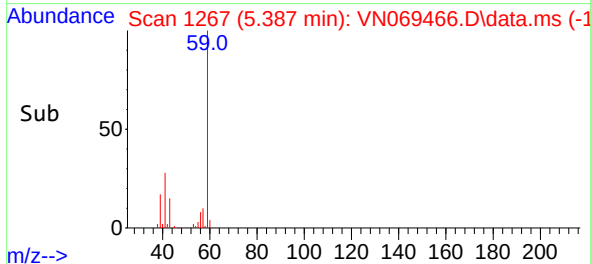
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 59 Resp: 218364
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

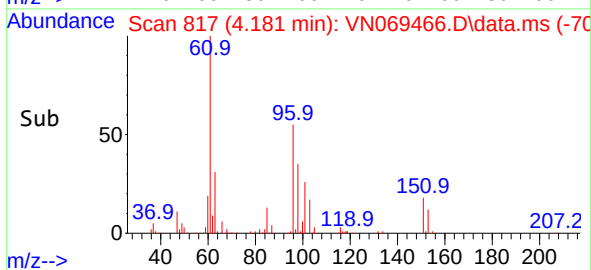
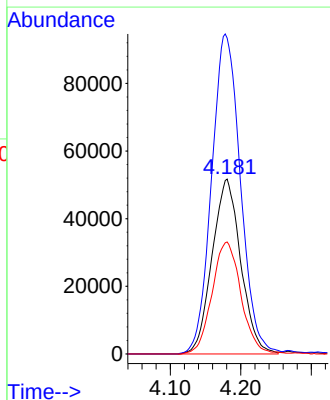
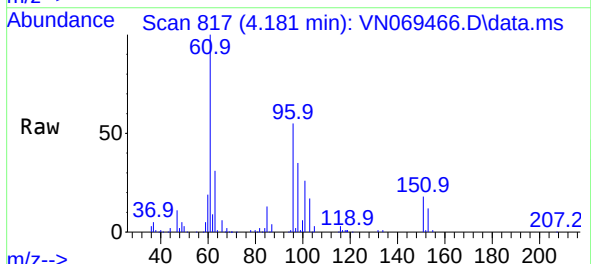
Manual Integrations
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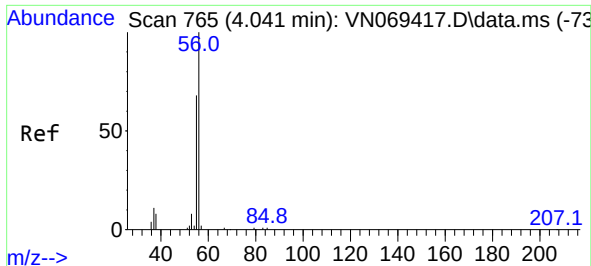
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 19.479 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

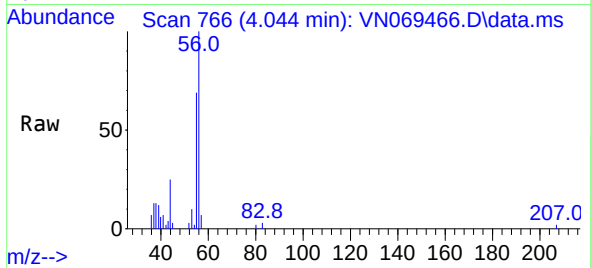
Tgt Ion: 96 Resp: 146114
Ion Ratio Lower Upper
96 100
61 180.6 131.0 196.6
98 64.0 52.4 78.6





#13
Acrolein
Concen: 80.654 ug/l
RT: 4.044 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

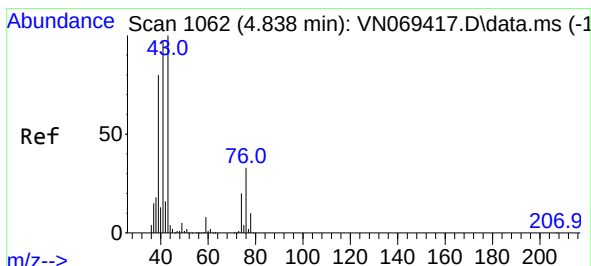
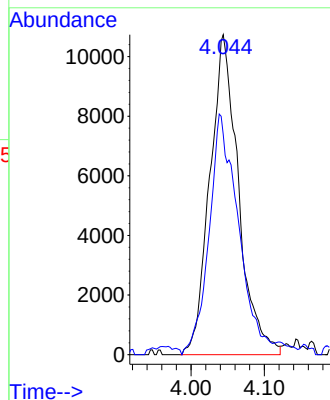
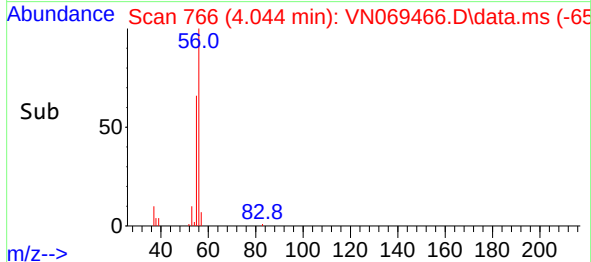
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



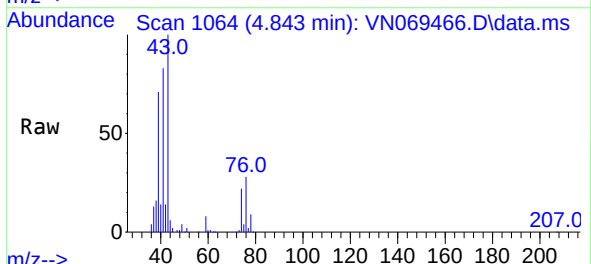
Tgt Ion: 56 Resp: 2915
Ion Ratio Lower Upper
56 100
55 76.8 56.6 85.0

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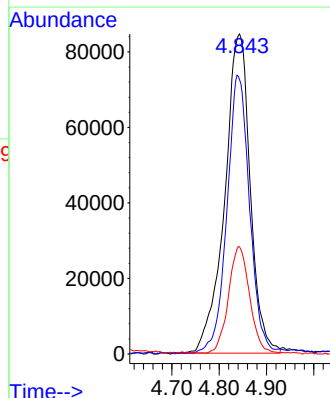
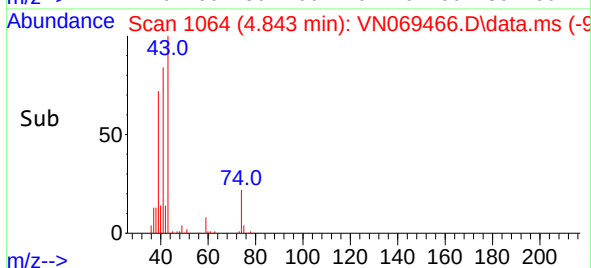
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

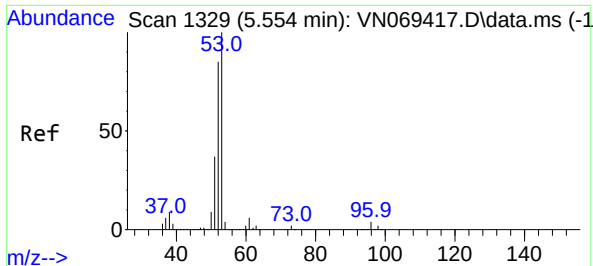


#14
Allyl chloride
Concen: 19.183 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



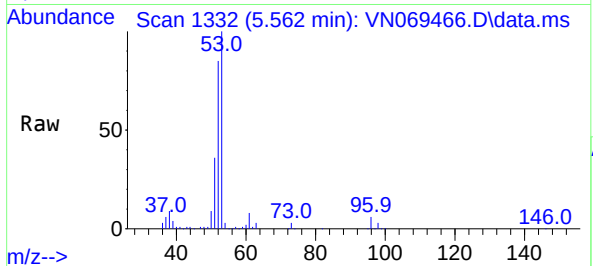
Tgt Ion: 41 Resp: 318144
Ion Ratio Lower Upper
41 100
39 76.5 61.2 91.8
76 27.4 26.0 39.0





#15
Acrylonitrile
Concen: 106.877 ug/l
RT: 5.562 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

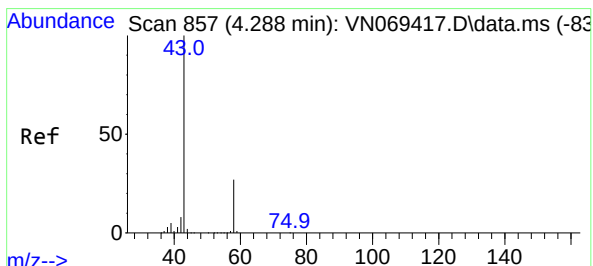
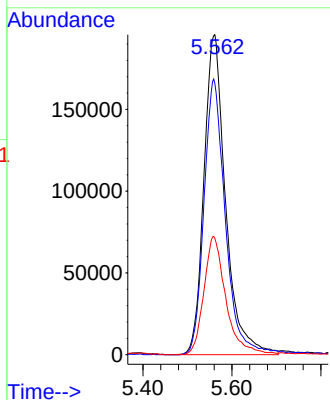
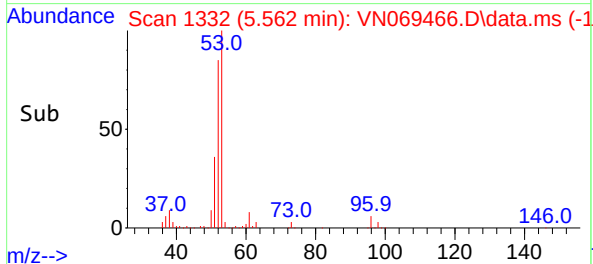
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



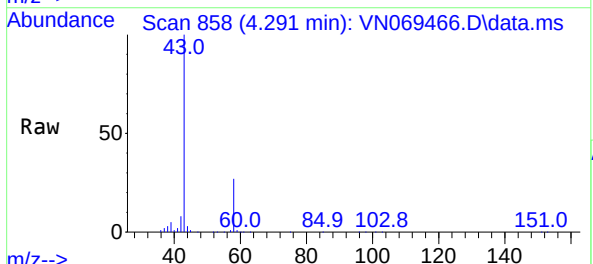
Tgt Ion: 53 Resp: 66181
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 37.6 29.6 44.4

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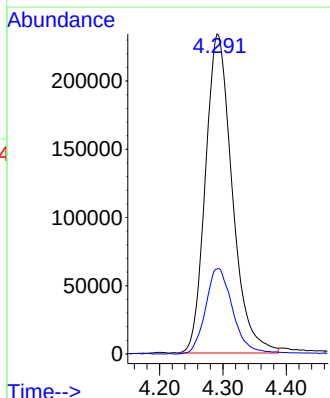
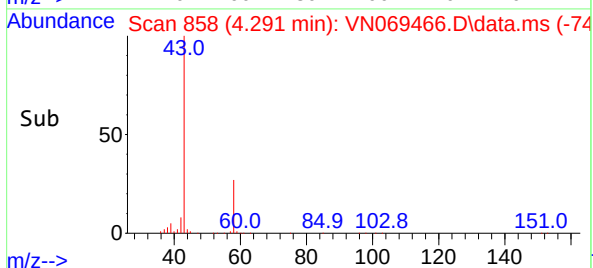
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

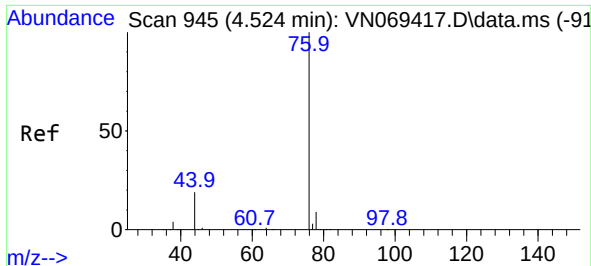


#16
Acetone
Concen: 94.759 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



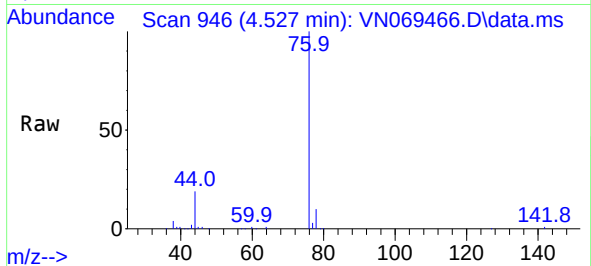
Tgt Ion: 43 Resp: 686077
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7





#17
Carbon Disulfide
Concen: 16.424 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

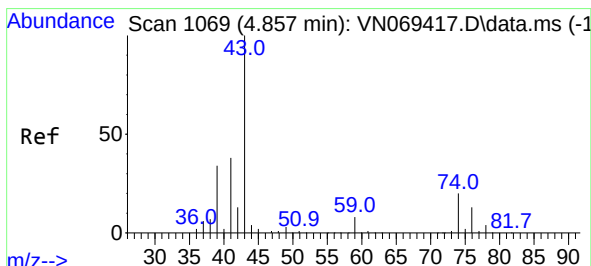
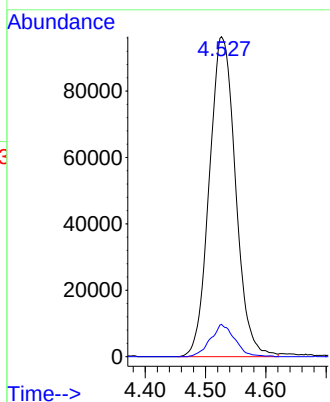
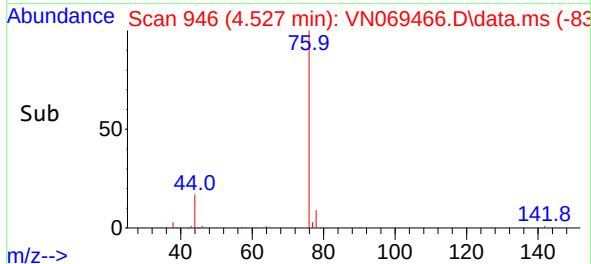
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



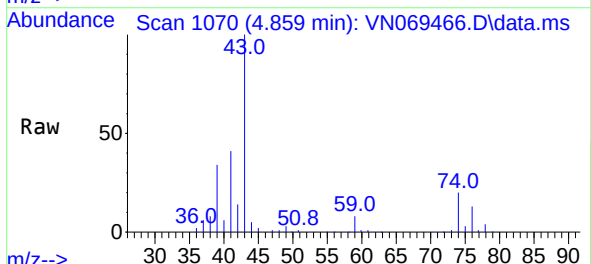
Tgt Ion: 76 Resp: 291210
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

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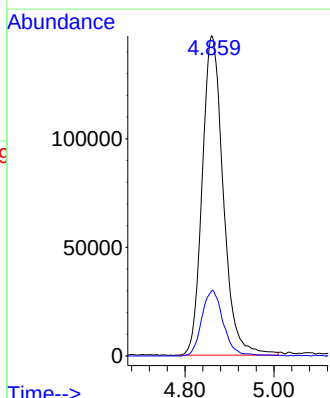
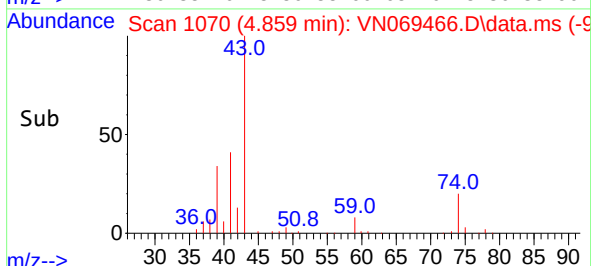
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

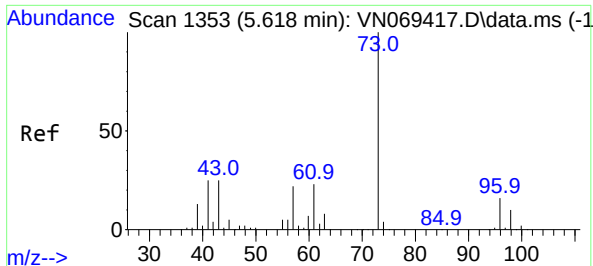


#18
Methyl Acetate
Concen: 20.513 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion: 43 Resp: 482775
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 21.213 ug/l

RT: 5.623 min Scan# 11355

Delta R.T. 0.005 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBSD01

Tgt Ion: 73 Resp: 673400

Ion Ratio Lower Upper

73 100

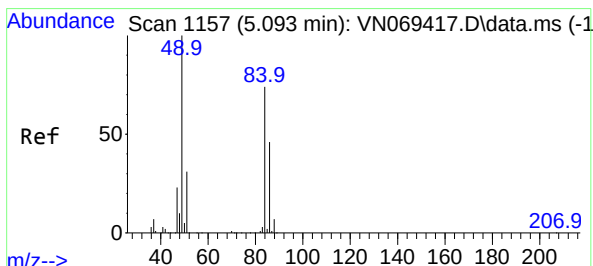
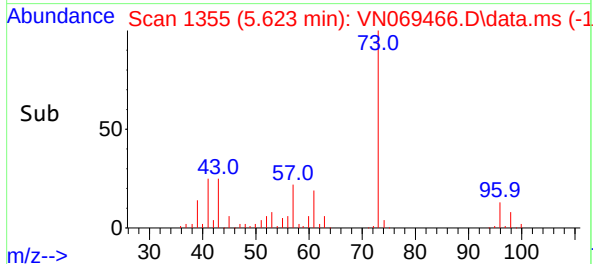
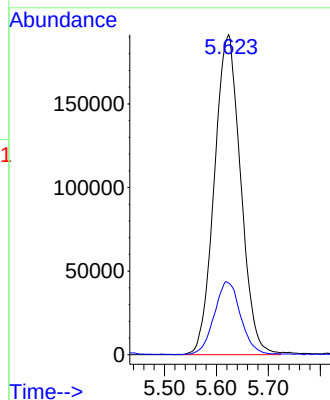
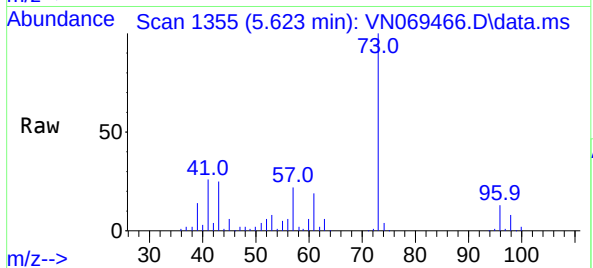
57 22.3 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 19.884 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. -0.001 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

Tgt Ion: 84 Resp: 204150

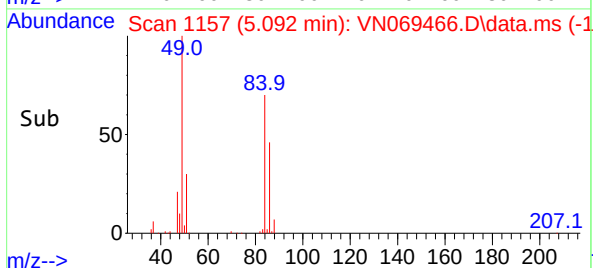
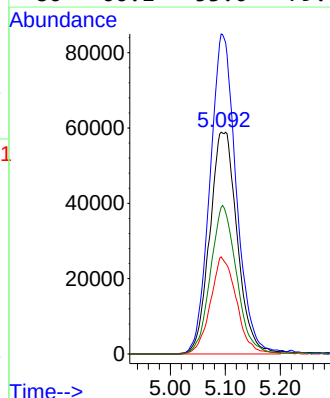
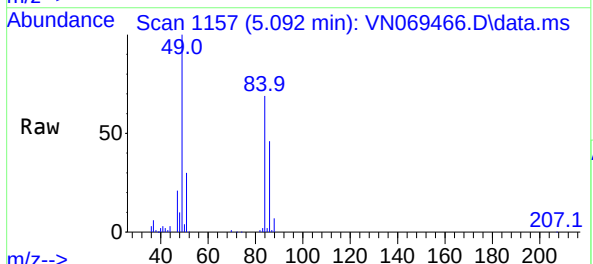
Ion Ratio Lower Upper

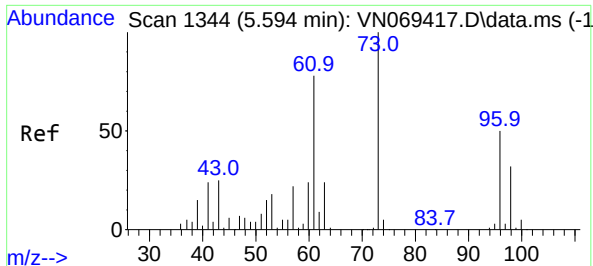
84 100

49 144.0 93.5 140.3#

51 43.8 29.4 44.2

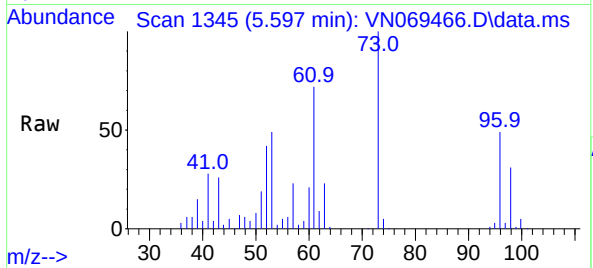
86 66.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.576 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

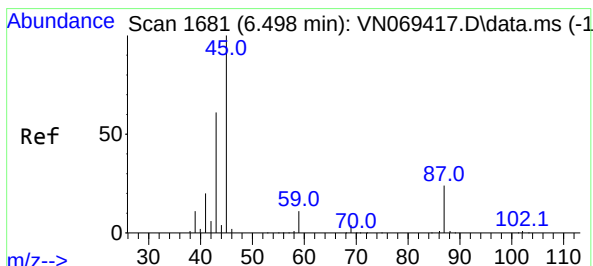
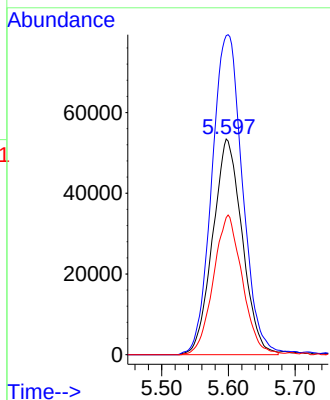
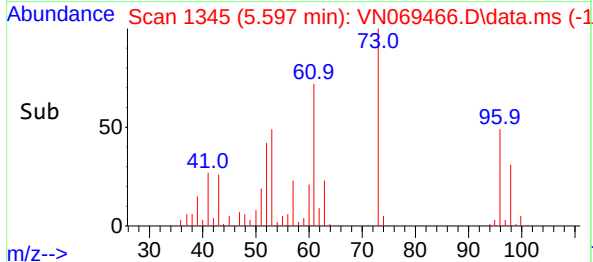
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



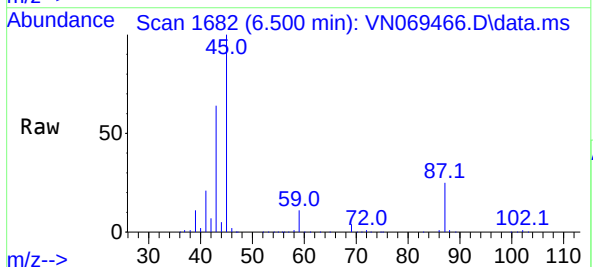
Tgt Ion: 96 Resp: 164008
Ion Ratio Lower Upper
96 100
61 147.9 105.8 158.6
98 63.6 52.0 78.0

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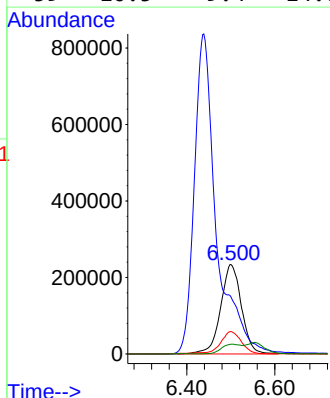
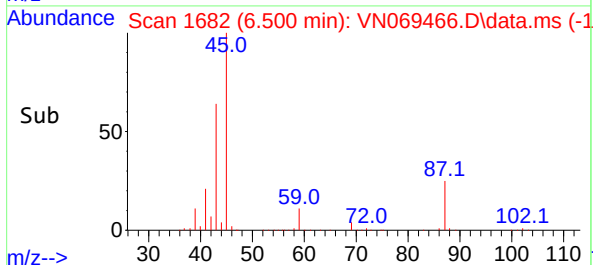
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

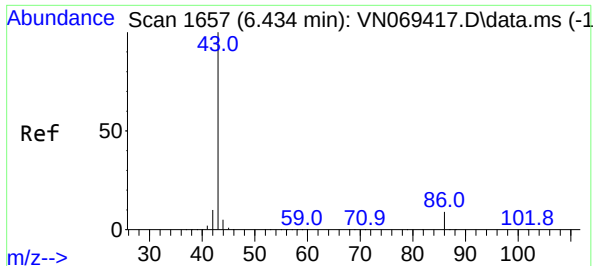


#22
Diisopropyl ether
Concen: 21.482 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion: 45 Resp: 767415
Ion Ratio Lower Upper
45 100
43 61.5 51.7 77.5
87 24.9 23.2 34.8
59 10.5 9.4 14.0





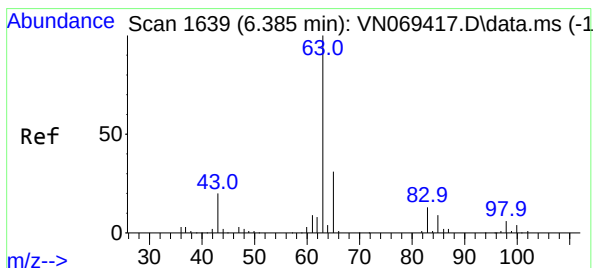
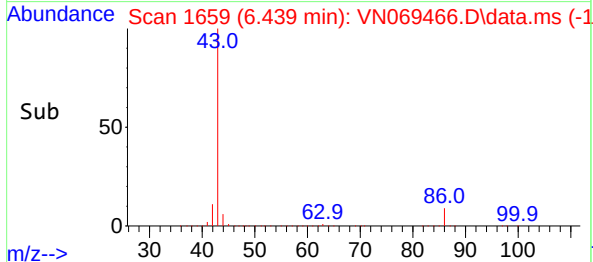
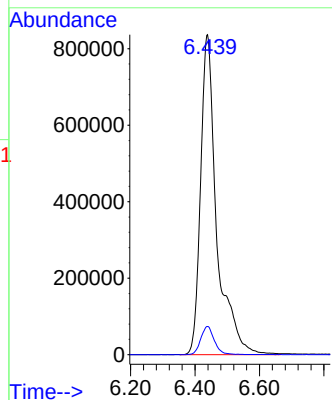
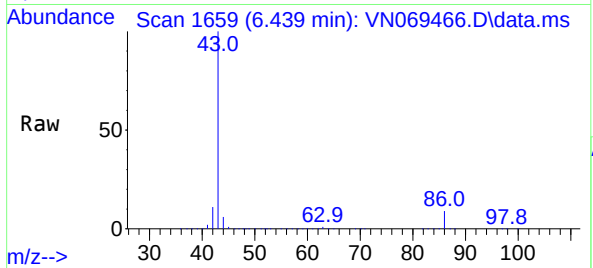
#23
 Vinyl Acetate
 Concen: 105.432 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.005 min
 Lab File: VN069466.D
 Acq: 12 Nov 2021 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBSD01

Tgt Ion: 43 Resp: 291313
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

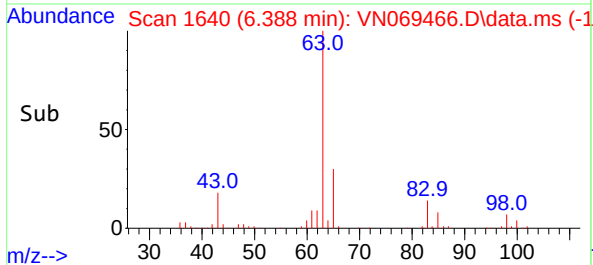
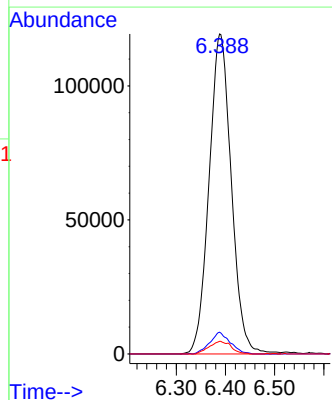
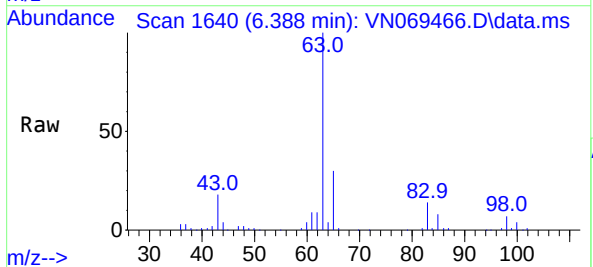
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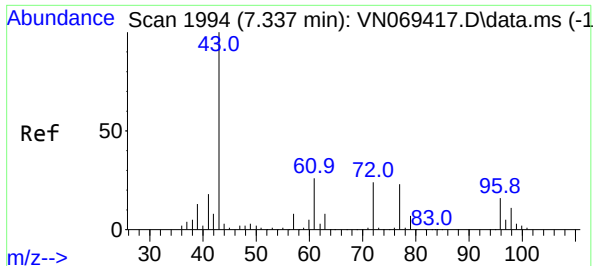
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 20.589 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069466.D
 Acq: 12 Nov 2021 14:23

Tgt Ion: 63 Resp: 374638
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 101.245 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBSD01

Tgt Ion: 43 Resp: 992589

Ion Ratio Lower Upper

43 100

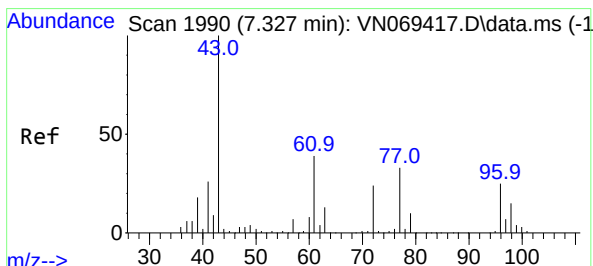
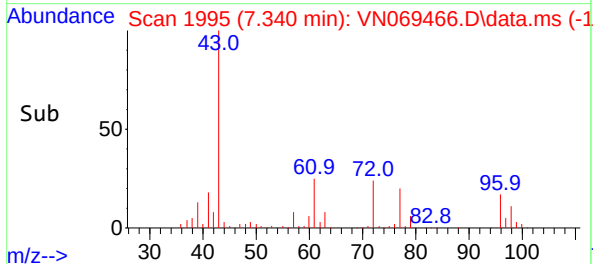
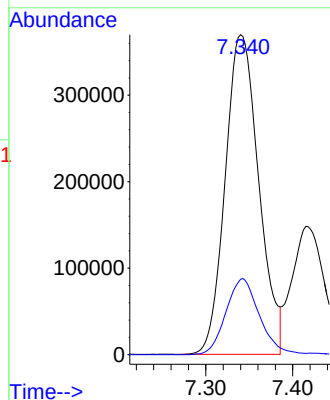
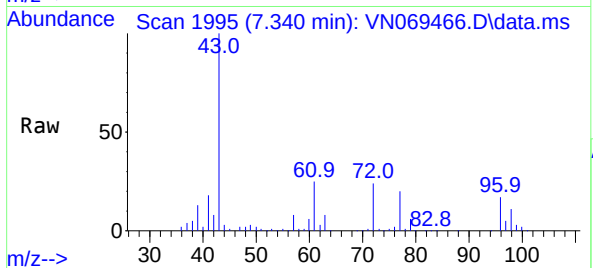
72 23.6 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 18.984 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069466.D

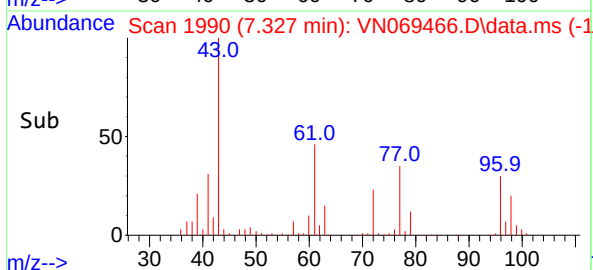
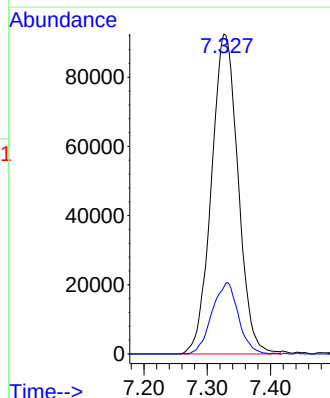
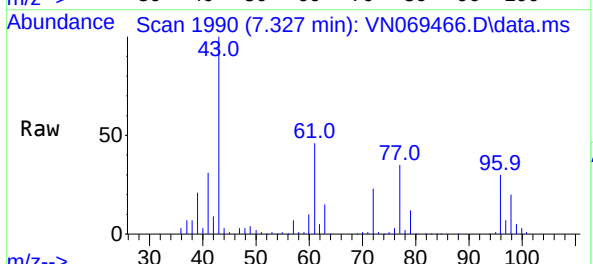
Acq: 12 Nov 2021 14:23

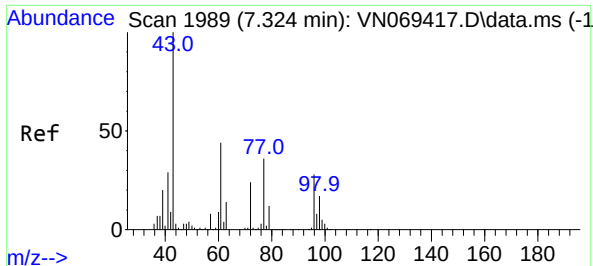
Tgt Ion: 77 Resp: 270268

Ion Ratio Lower Upper

77 100

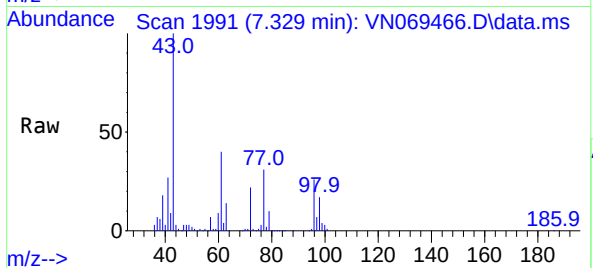
97 22.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 20.875 ug/l
RT: 7.329 min Scan# 1989
Delta R.T. 0.005 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

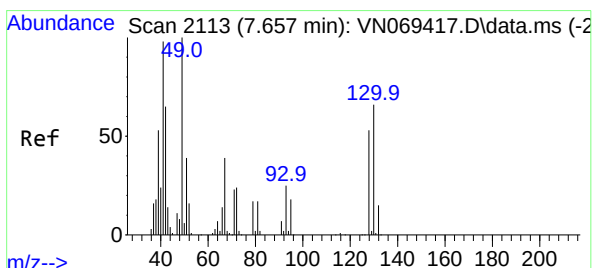
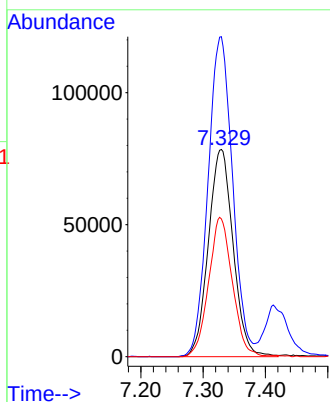
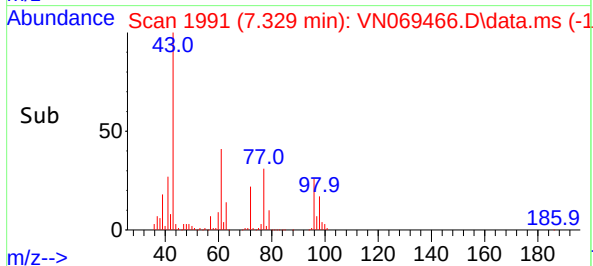
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 96 Resp: 216807
Ion Ratio Lower Upper
96 100
61 153.1 0.0 275.0
98 64.1 0.0 129.6

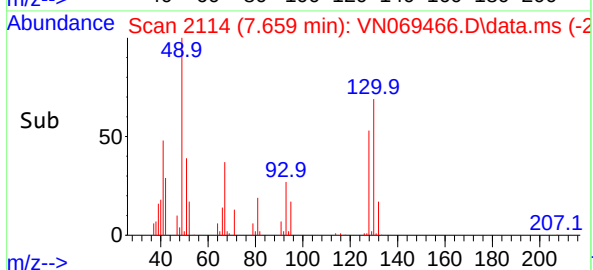
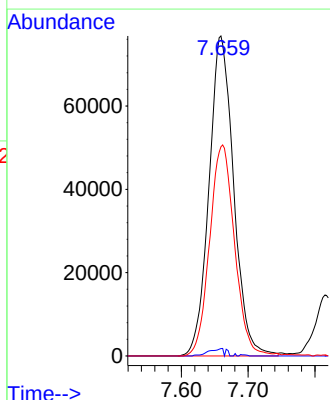
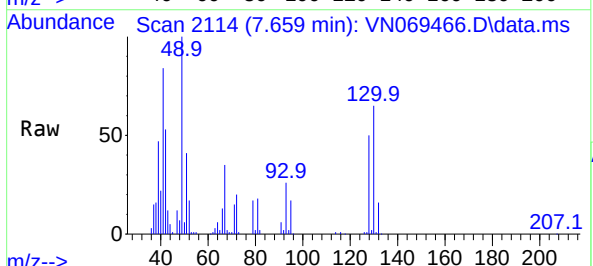
Manual Integrations
APPROVED

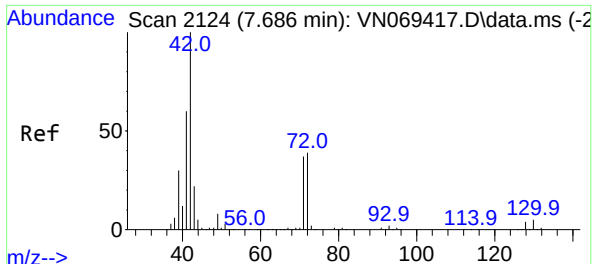
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28
Bromochloromethane
Concen: 21.142 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

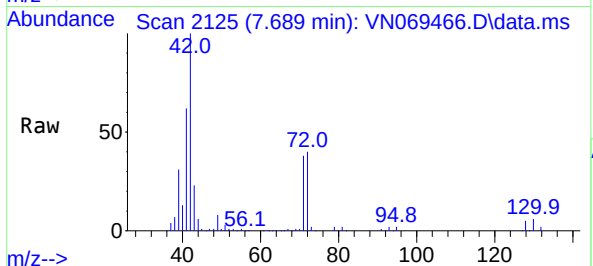
Tgt Ion: 49 Resp: 197007
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.0
130 66.6 67.8 101.8#





#29
Tetrahydrofuran
Concen: 106.668 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

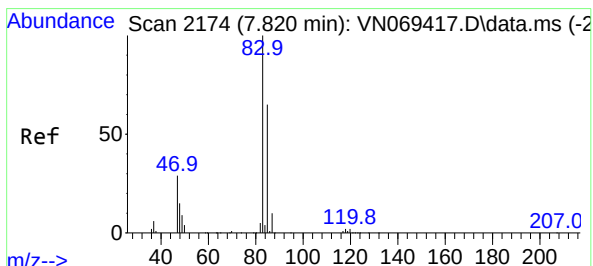
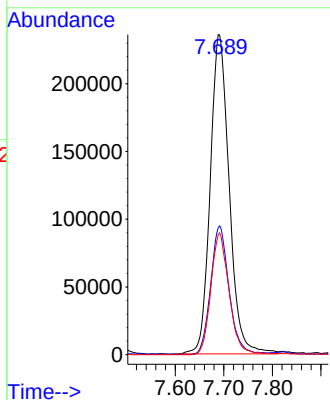
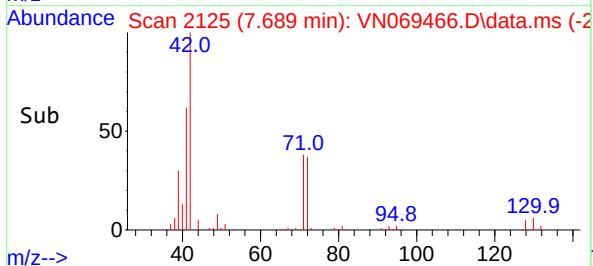
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



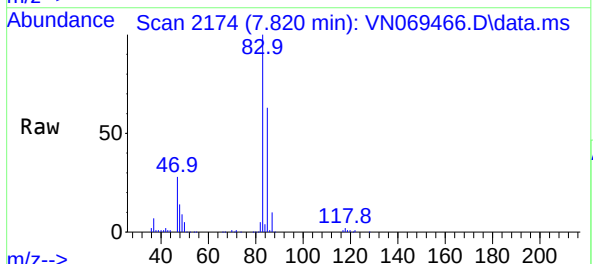
Tgt Ion: 42 Resp: 64175
Ion Ratio Lower Upper
42 100
72 38.9 36.3 54.5
71 36.2 34.7 52.1

Manual Integrations
APPROVED

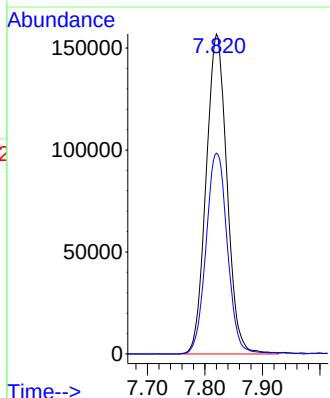
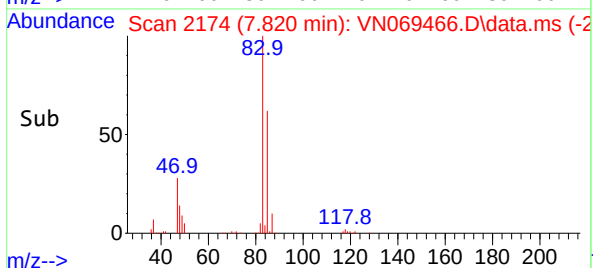
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

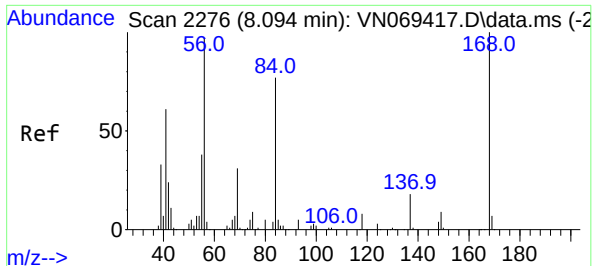


#30
Chloroform
Concen: 21.212 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion: 83 Resp: 395691
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9





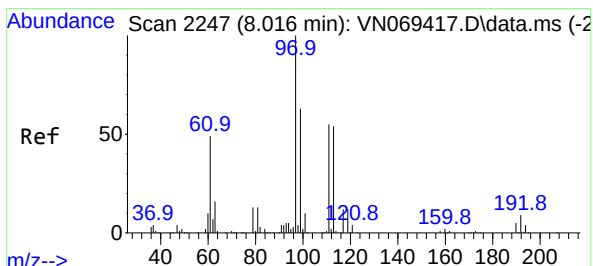
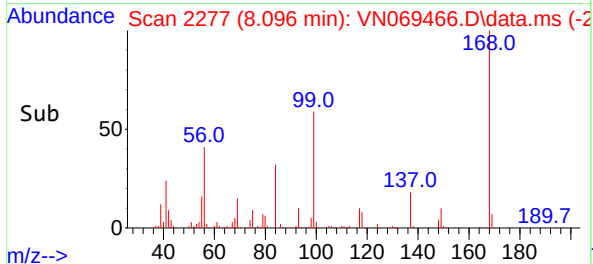
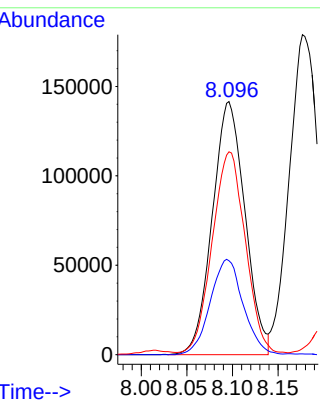
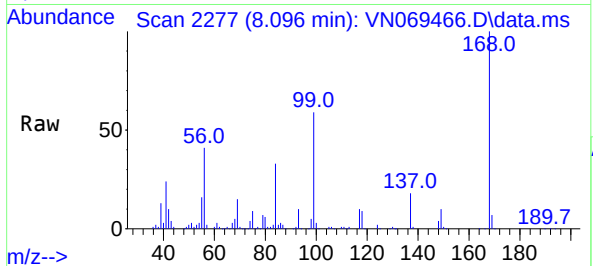
#31
Cyclohexane
Concen: 19.256 ug/l
RT: 8.096 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion: 56 Resp: 353020
Ion Ratio Lower Upper
56 100
69 37.1 27.1 40.7
84 79.0 73.4 110.0

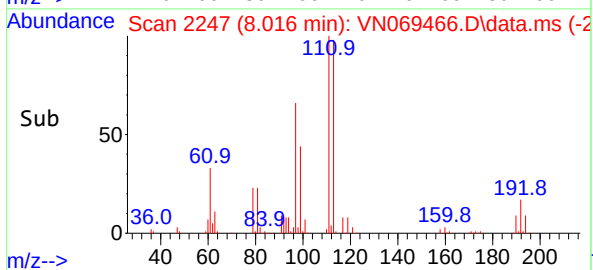
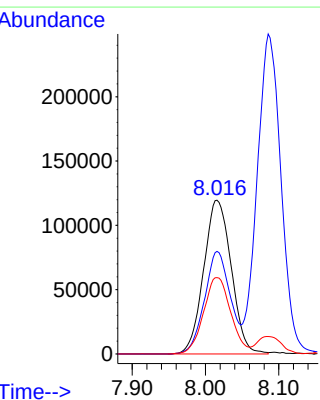
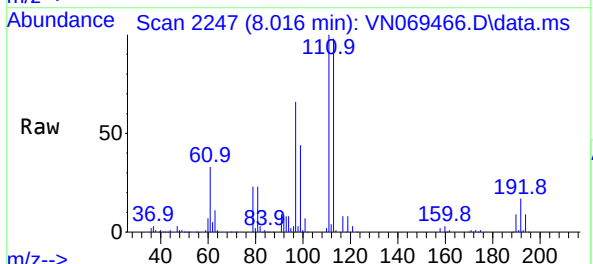
Manual Integrations
APPROVED

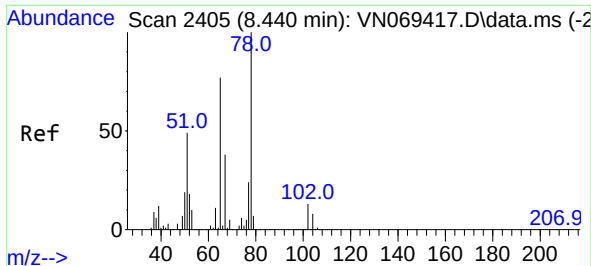
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 20.117 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Tgt Ion: 97 Resp: 313239
Ion Ratio Lower Upper
97 100
99 62.1 50.1 75.1
61 48.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.415 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBSD01

Tgt Ion: 65 Resp: 730198

Ion Ratio Lower Upper

65 100

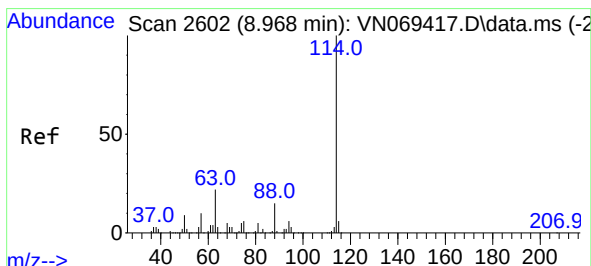
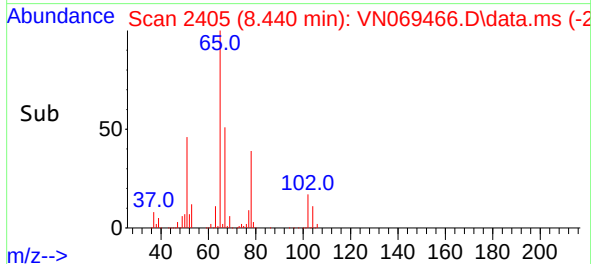
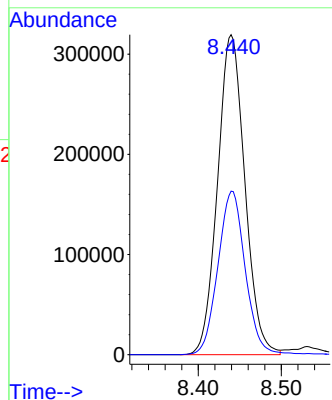
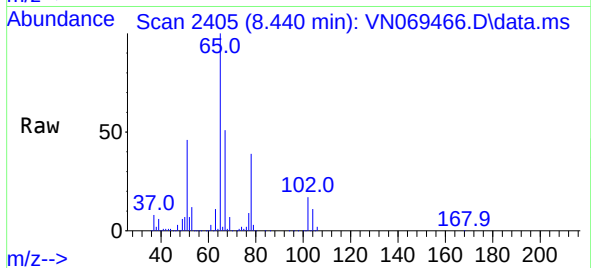
67 51.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

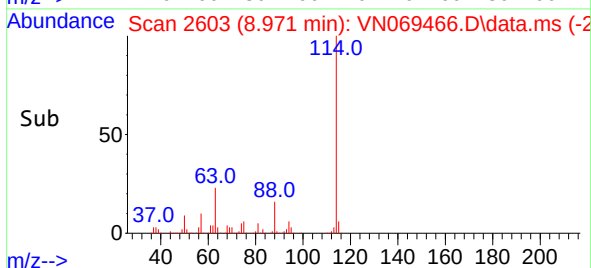
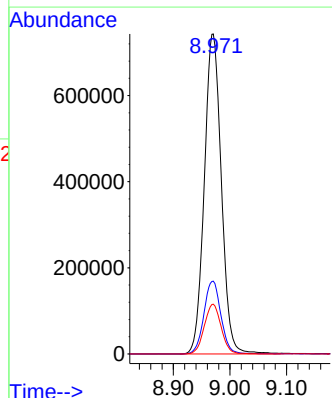
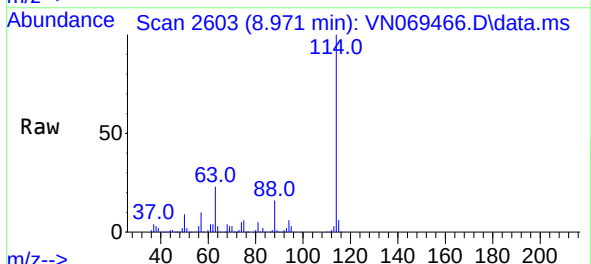
Tgt Ion:114 Resp: 1553400

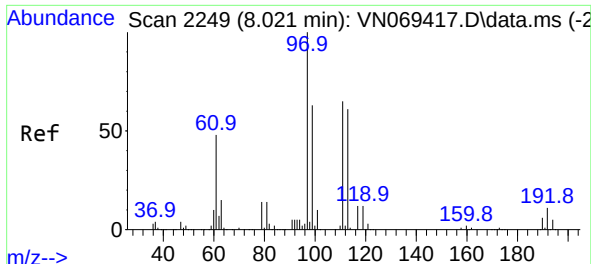
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

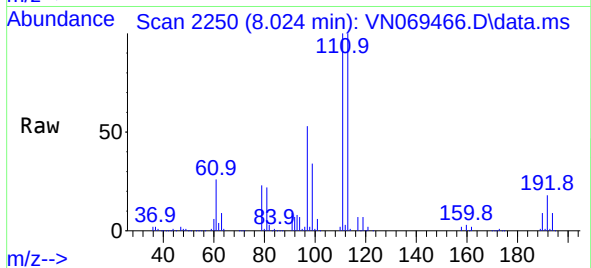
88 15.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.358 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

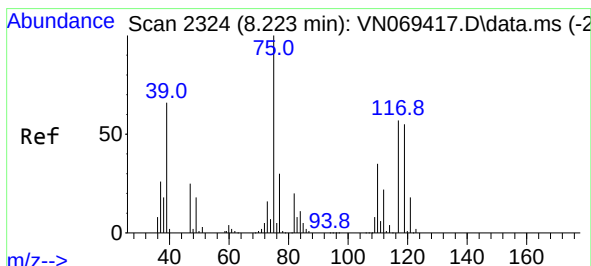
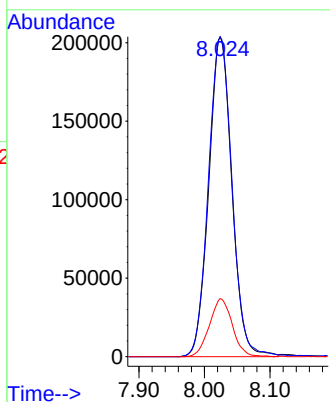
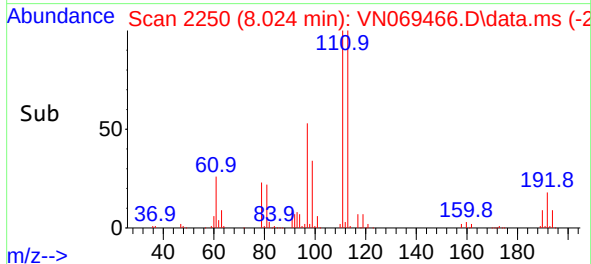
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



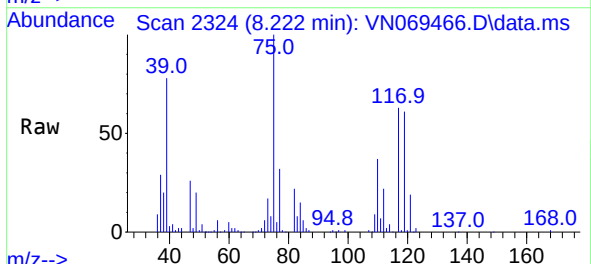
Tgt Ion:113 Resp: 49712
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.0 16.9 25.3

Manual Integrations
APPROVED

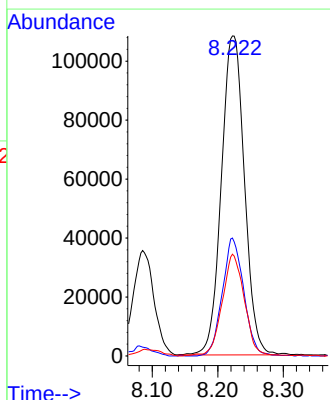
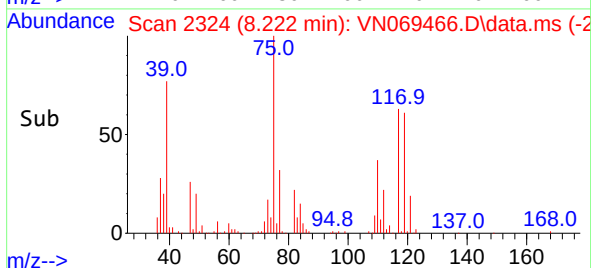
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

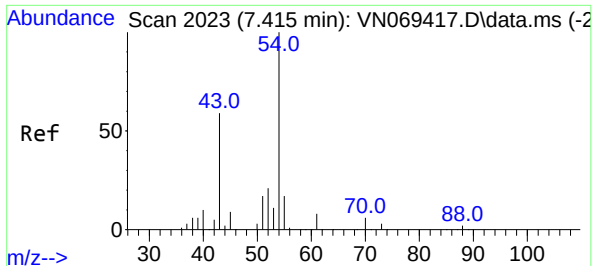


#36
1,1-Dichloropropene
Concen: 20.246 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion: 75 Resp: 264635
Ion Ratio Lower Upper
75 100
110 34.4 18.4 55.2
77 29.7 24.4 36.6





#37
Ethyl Acetate
Concen: 21.724 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :

MSVOA_N

ClientSampleId :

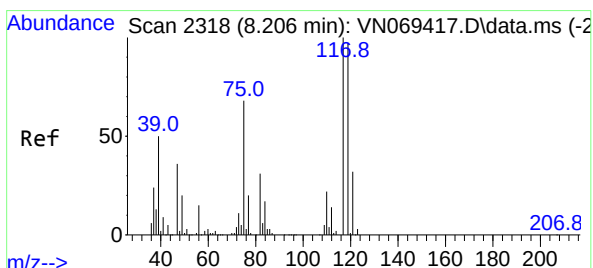
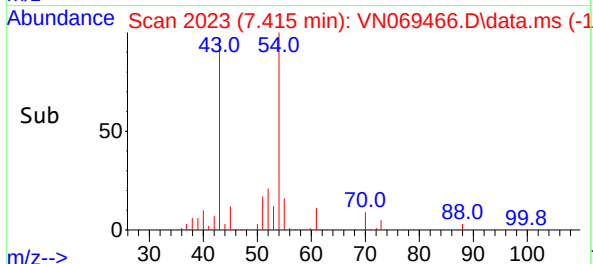
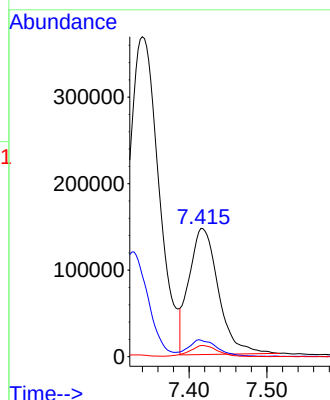
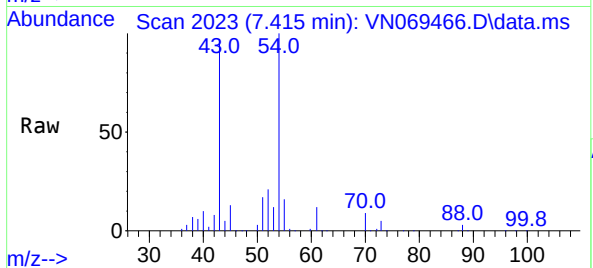
VN1112MBSD01

Tgt Ion: 43 Resp: 38384
Ion Ratio Lower Upper
43 100
61 12.8 11.5 17.3
70 8.1 7.9 11.9

Manual Integrations

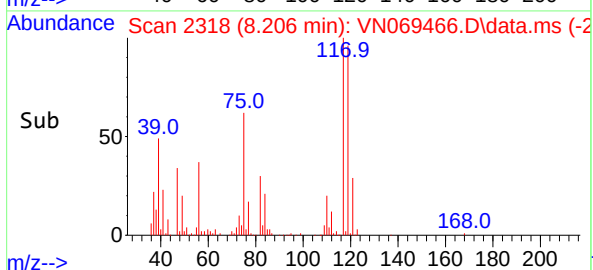
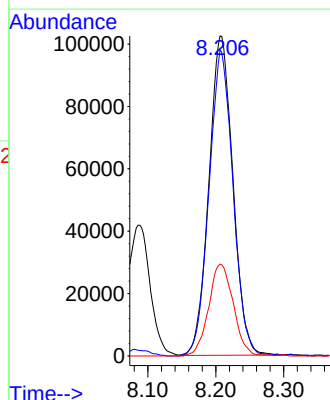
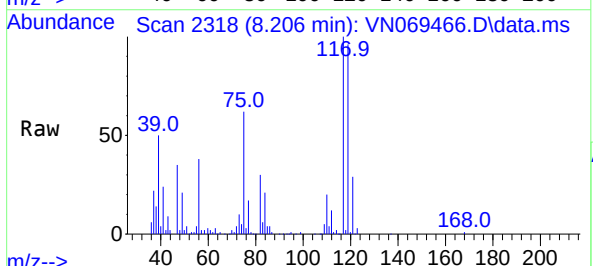
APPROVED

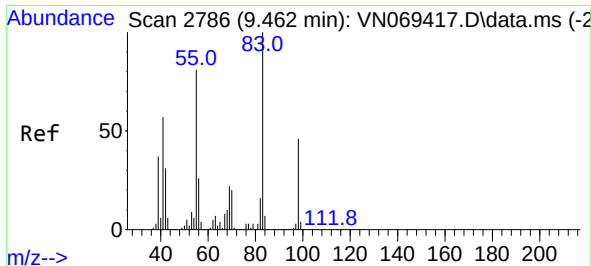
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 19.910 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Tgt Ion:117 Resp: 251251
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 28.8 24.2 36.2





#39

Methylcyclohexane

Concen: 19.381 ug/l

RT: 9.461 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBSD01

Tgt Ion: 83 Resp: 31513

Ion Ratio Lower Upper

83 100

55 84.1 58.1 87.1

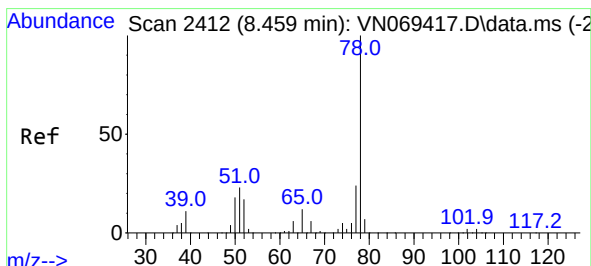
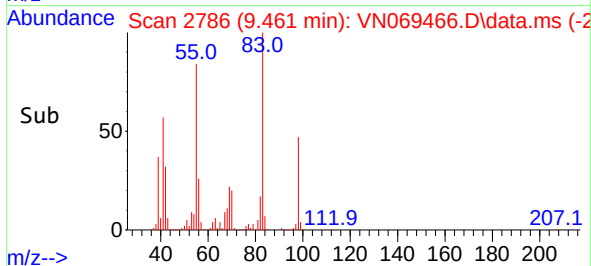
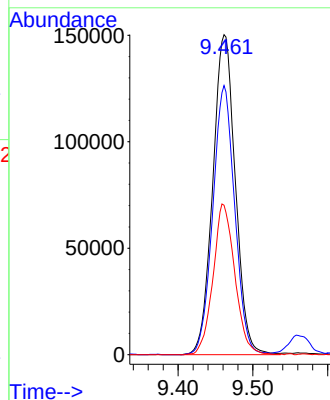
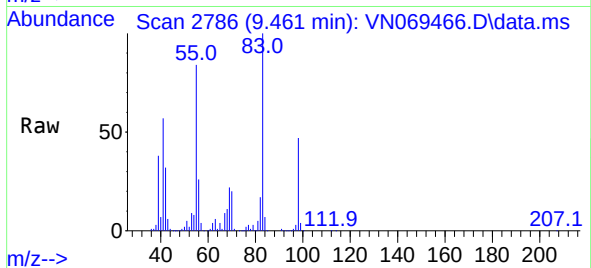
98 46.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 21.175 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.002 min

Lab File: VN069466.D

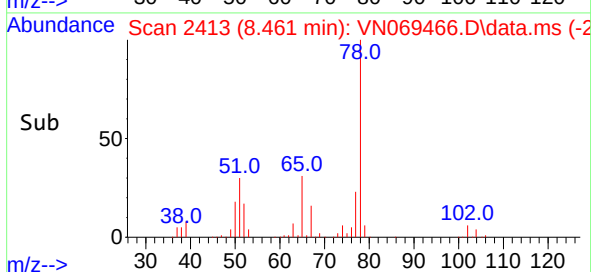
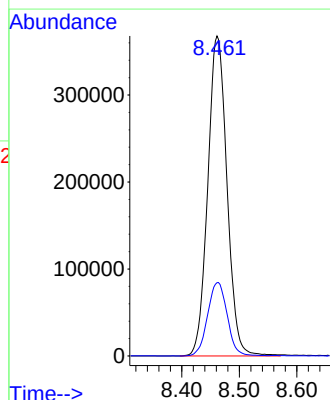
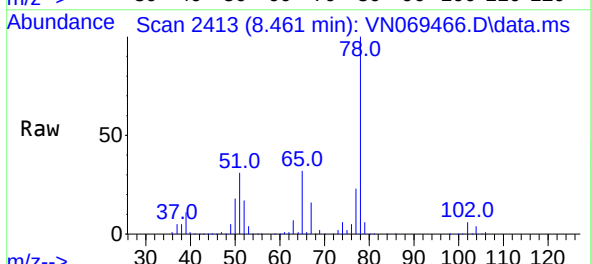
Acq: 12 Nov 2021 14:23

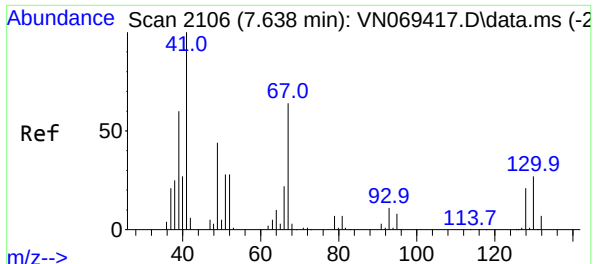
Tgt Ion: 78 Resp: 854311

Ion Ratio Lower Upper

78 100

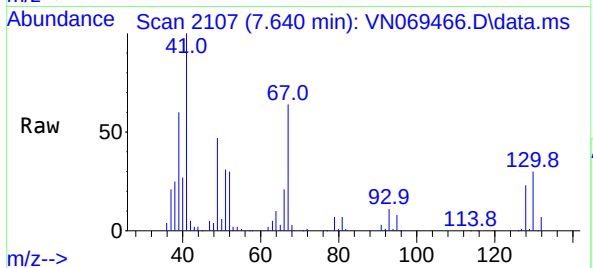
77 22.9 18.6 27.8





#41
Methacrylonitrile
Concen: 20.882 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

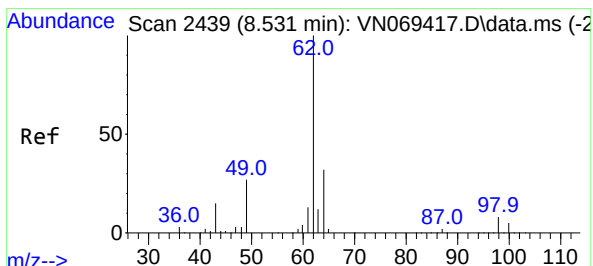
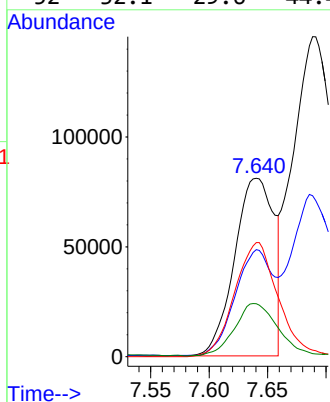
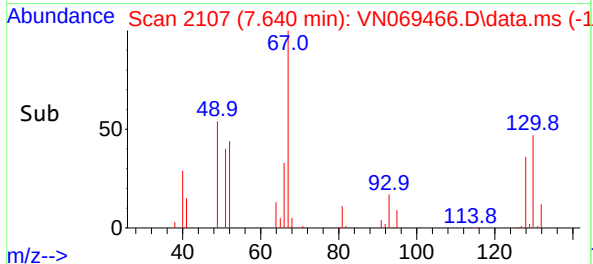
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 41 Resp: 190648
Ion Ratio Lower Upper
41 100
39 57.3 48.1 72.1
67 70.6 68.3 102.5
52 32.1 29.6 44.4

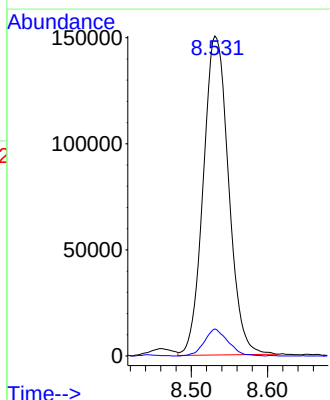
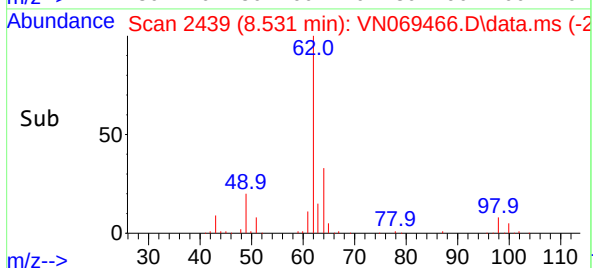
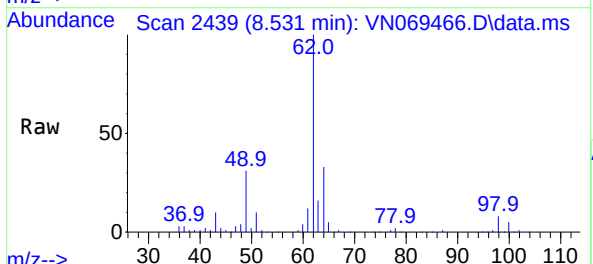
Manual Integrations
APPROVED

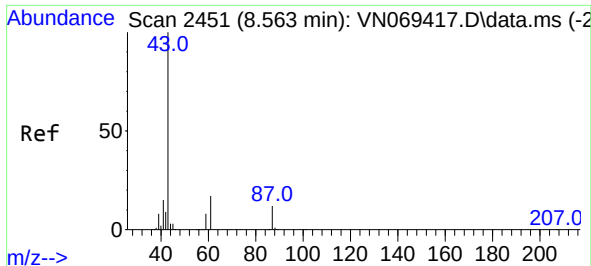
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 21.963 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

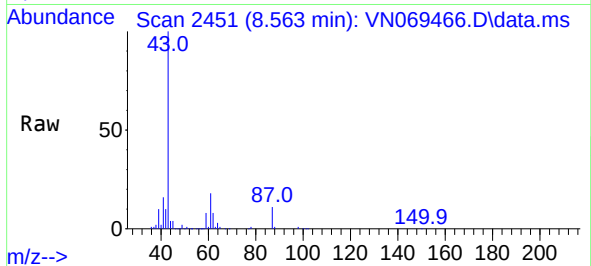
Tgt Ion: 62 Resp: 346966
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.109 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

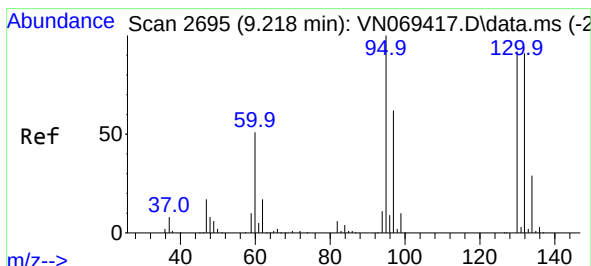
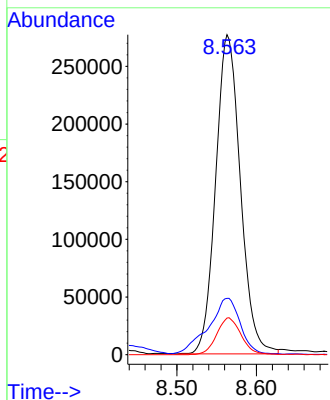
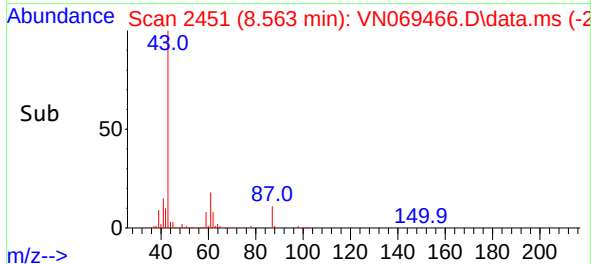
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 43 Resp: 599072
Ion Ratio Lower Upper
43 100
61 22.7 20.4 30.6
87 11.4 11.2 16.8

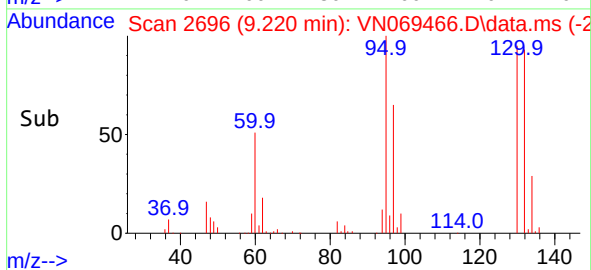
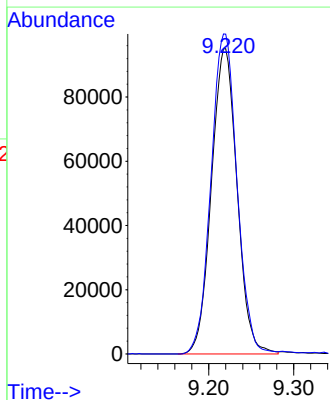
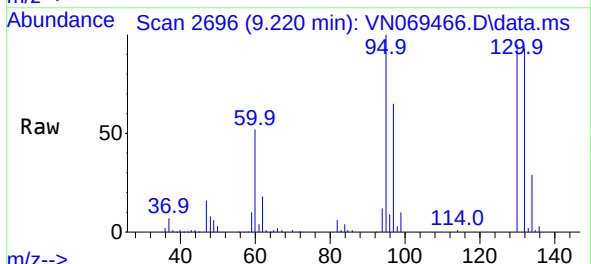
Manual Integrations
APPROVED

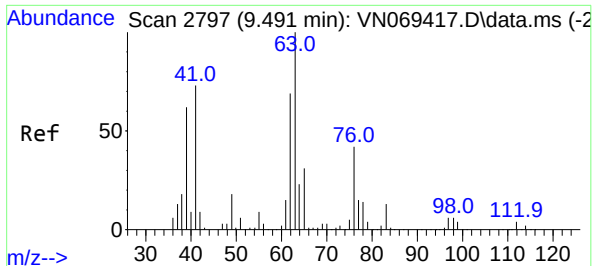
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 20.667 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

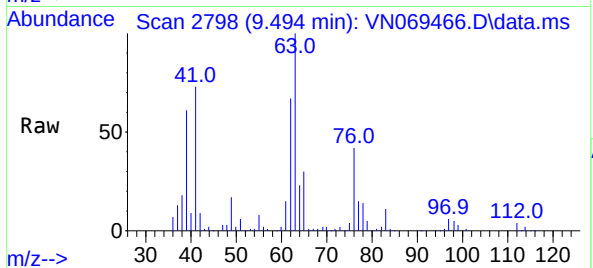
Tgt Ion:130 Resp: 199553
Ion Ratio Lower Upper
130 100
95 104.8 0.0 191.2





#45
1,2-Dichloropropane
Concen: 21.619 ug/l
RT: 9.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

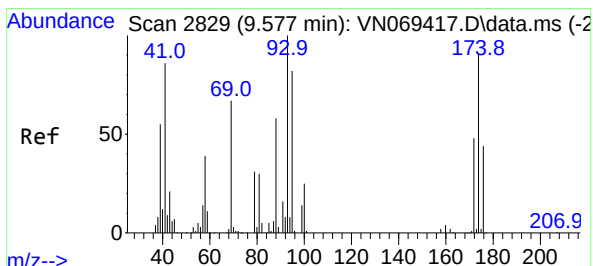
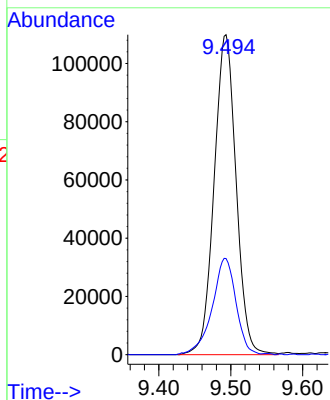
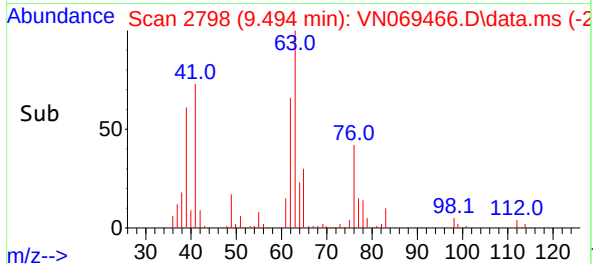
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



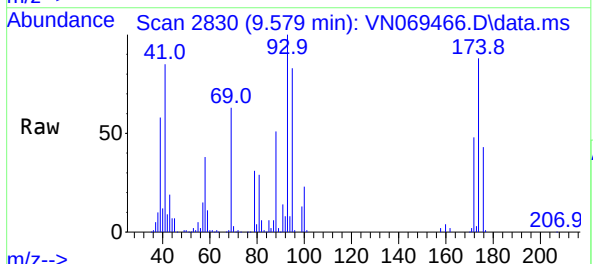
Tgt Ion: 63 Resp: 233034
Ion Ratio Lower Upper
63 100
65 29.9 24.7 37.1

Manual Integrations
APPROVED

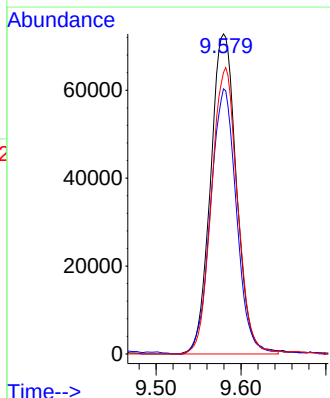
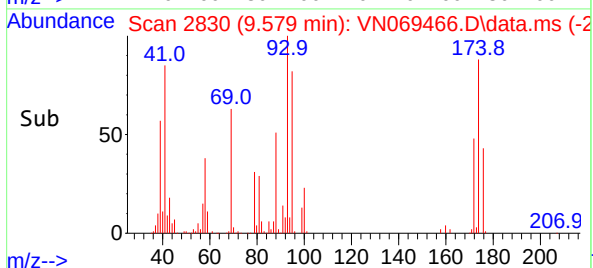
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

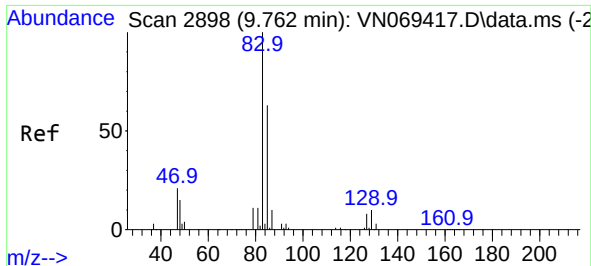


#46
Dibromomethane
Concen: 21.394 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion: 93 Resp: 154466
Ion Ratio Lower Upper
93 100
95 82.3 65.9 98.9
174 89.1 84.6 127.0





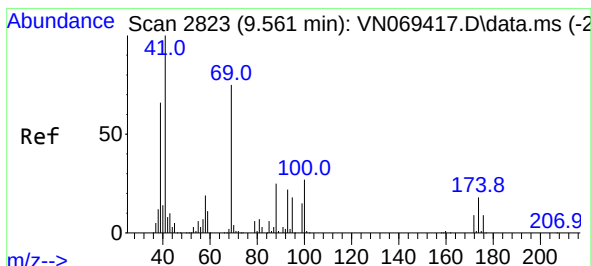
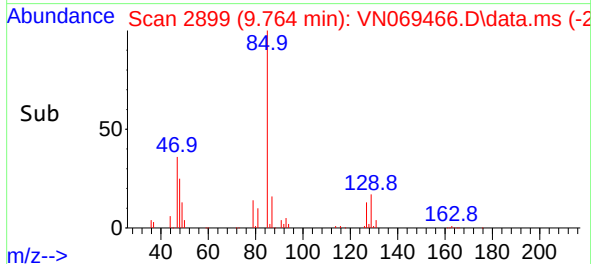
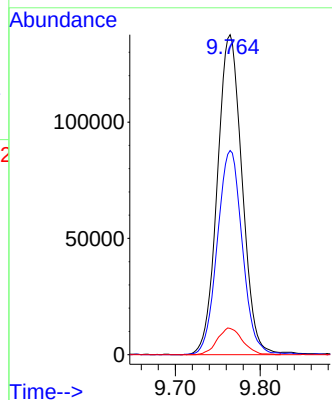
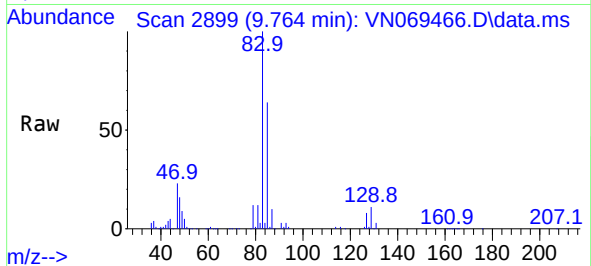
#47
Bromodichloromethane
Concen: 20.637 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion: 83 Resp: 27804
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 8.2 7.1 10.7

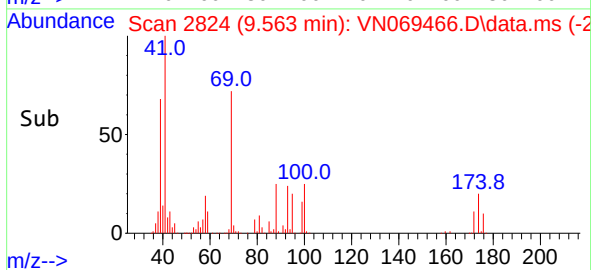
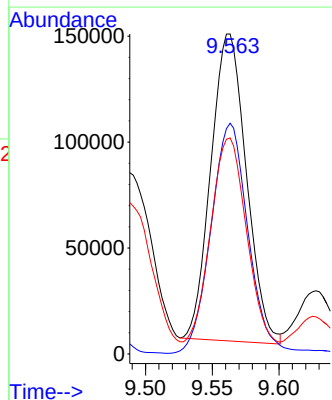
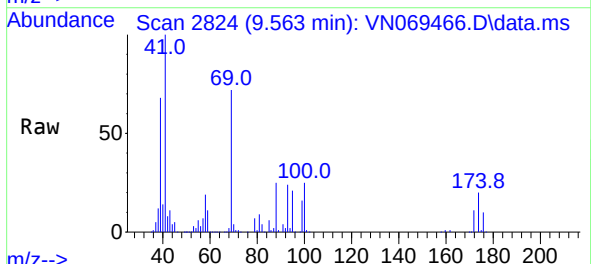
Manual Integrations
APPROVED

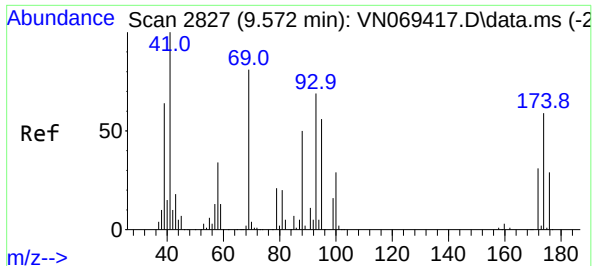
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 20.049 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Tgt Ion: 41 Resp: 267706
Ion Ratio Lower Upper
41 100
69 79.1 72.4 108.6
39 74.0 58.4 87.6





#49

1,4-Dioxane

Concen: 385.527 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. -0.001 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 88 Resp: 95400

Ion Ratio Lower Upper

88 100

43 36.8 23.4 35.2

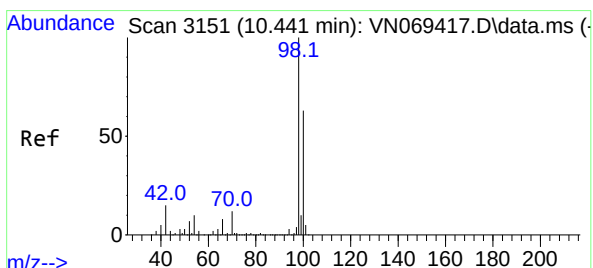
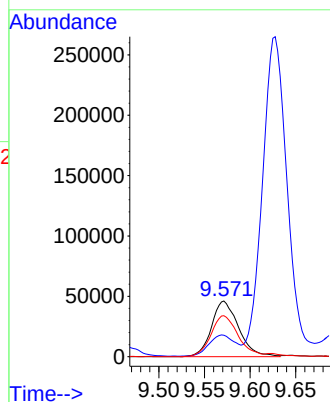
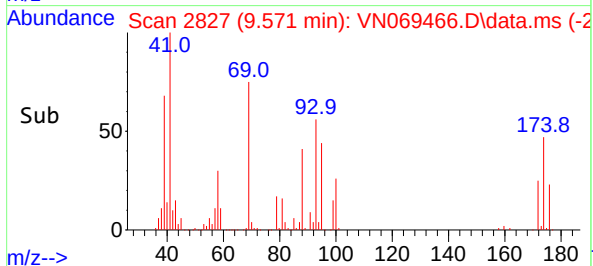
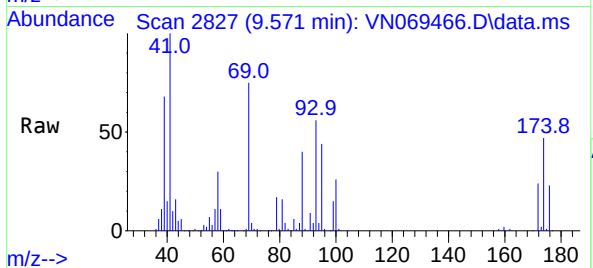
58 73.8 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 53.083 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069466.D

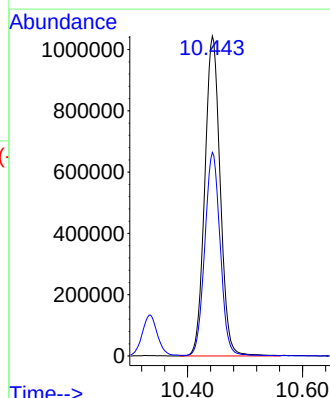
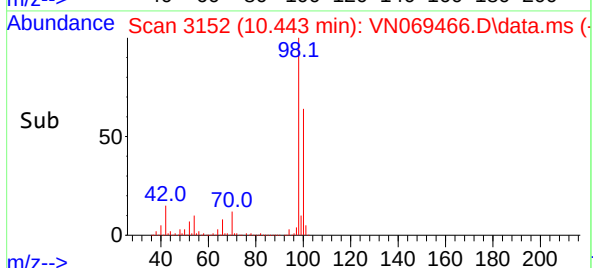
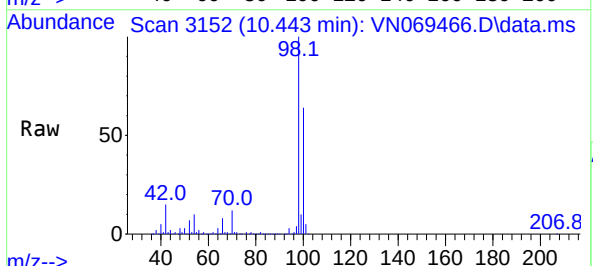
Acq: 12 Nov 2021 14:23

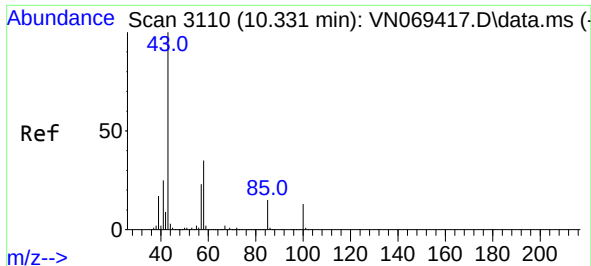
Tgt Ion: 98 Resp: 1945066

Ion Ratio Lower Upper

98 100

100 63.0 50.4 75.6





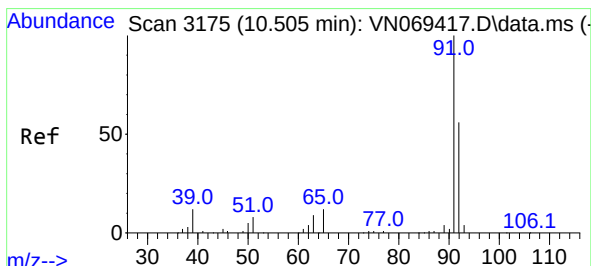
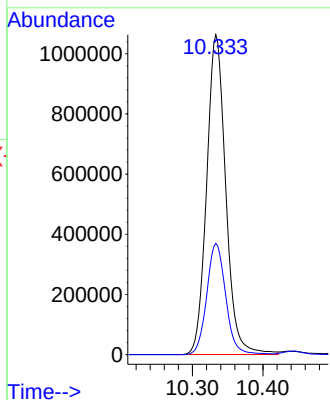
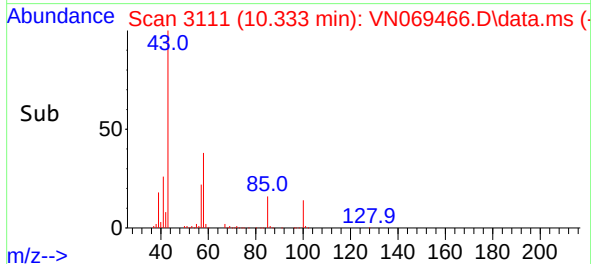
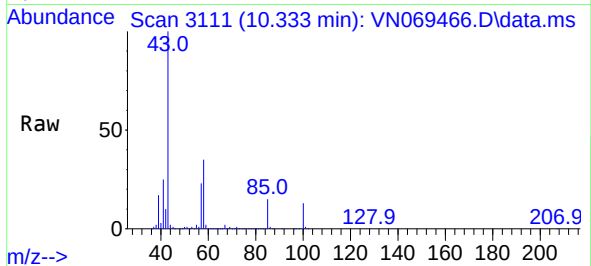
#51
4-Methyl-2-Pentanone
Concen: 109.295 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion: 43 Resp: 2002134
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

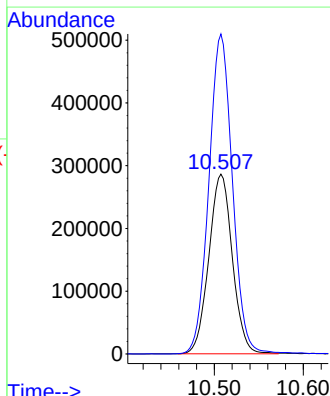
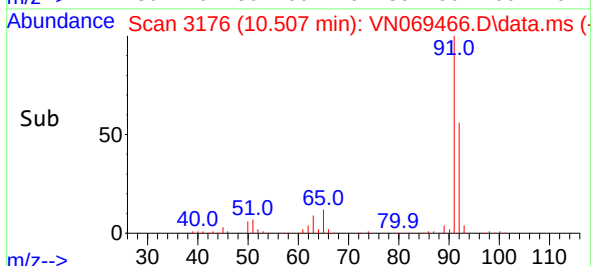
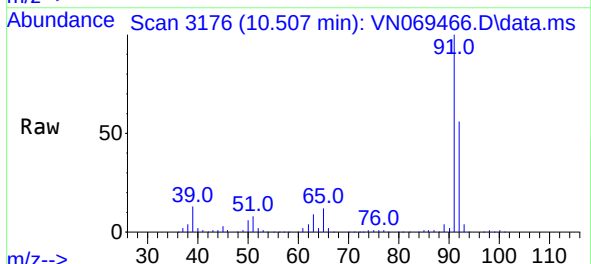
Manual Integrations
APPROVED

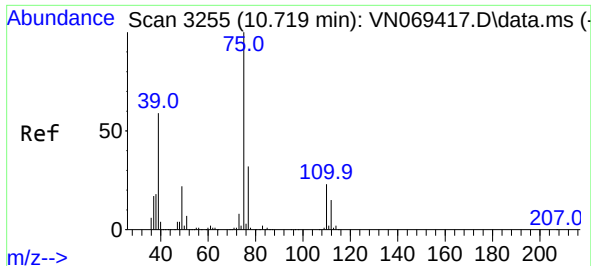
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 20.956 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

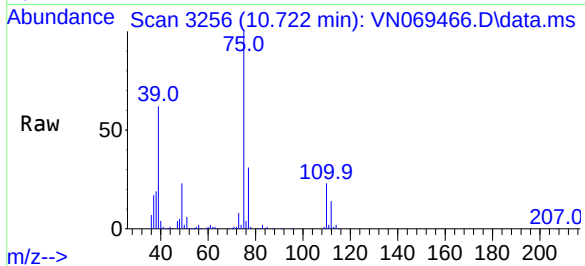
Tgt Ion: 92 Resp: 526710
Ion Ratio Lower Upper
92 100
91 178.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.594 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

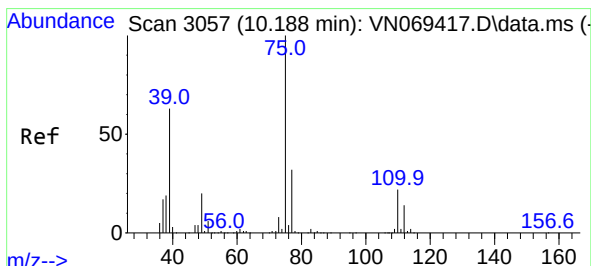
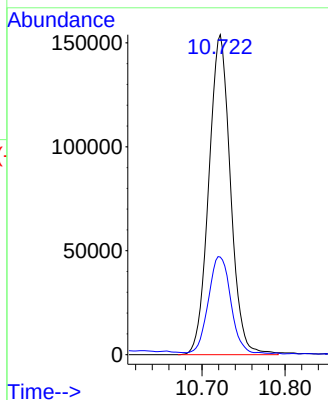
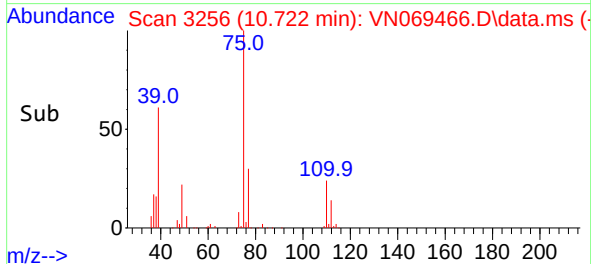
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



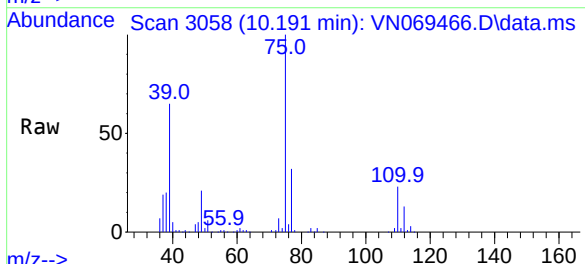
Tgt Ion: 75 Resp: 279040
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4

Manual Integrations
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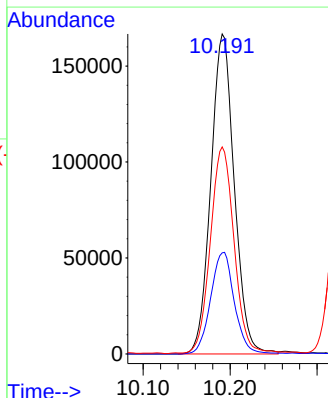
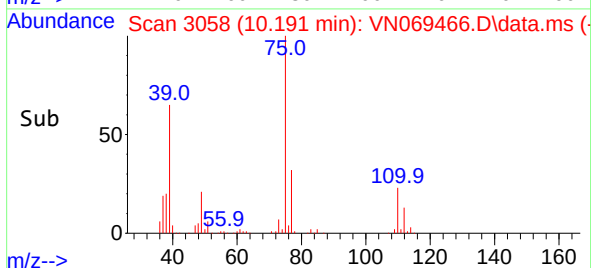
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

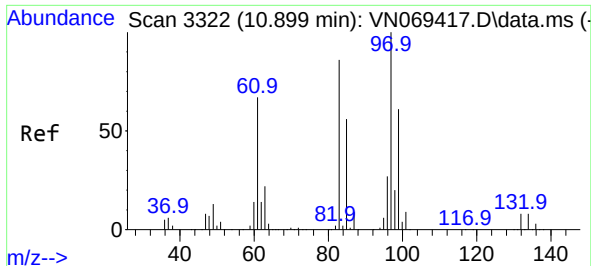


#54
cis-1,3-Dichloropropene
Concen: 19.025 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



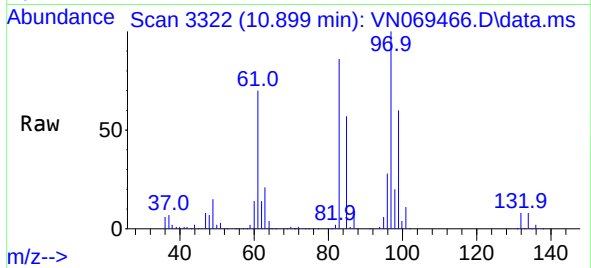
Tgt Ion: 75 Resp: 312693
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 64.4 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 22.325 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

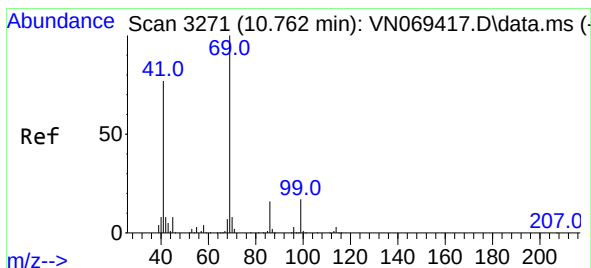
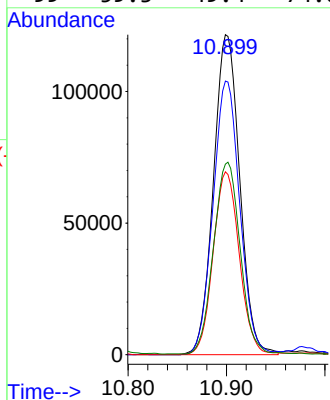
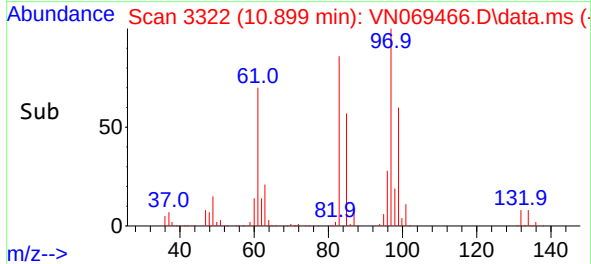


Tgt Ion: 97 Resp: 226190

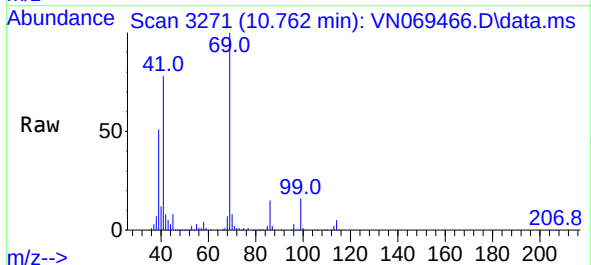
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.6
85	57.2	45.4	68.2
99	59.3	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

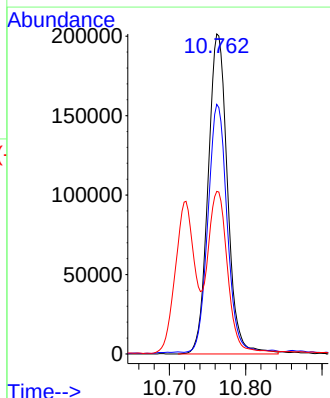
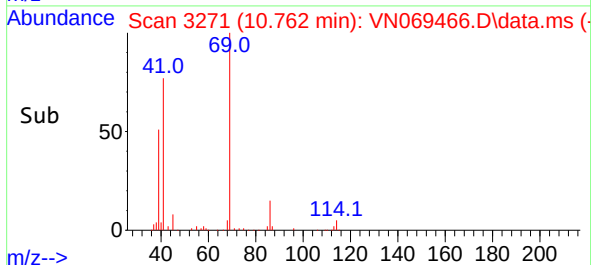


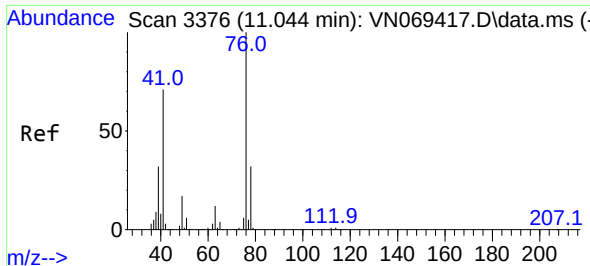
#56
Ethyl methacrylate
Concen: 19.933 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion: 69 Resp: 356010

Ion	Ratio	Lower	Upper
69	100		
41	76.3	51.4	77.0
39	49.6	34.6	52.0





#57

1,3-Dichloropropane

Concen: 21.383 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 76 Resp: 38070

Ion Ratio Lower Upper

76 100

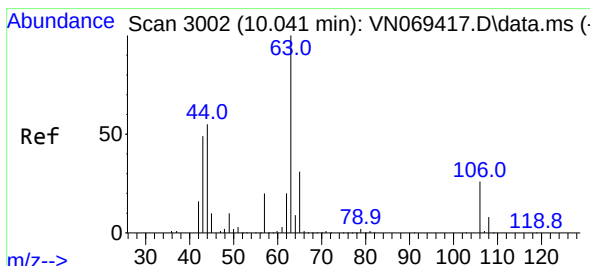
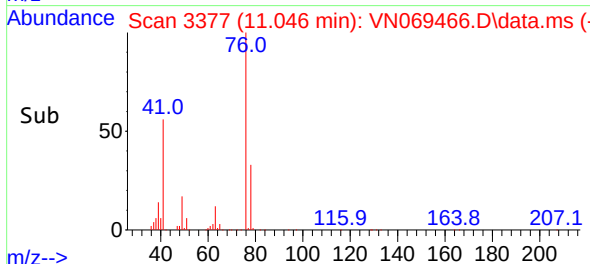
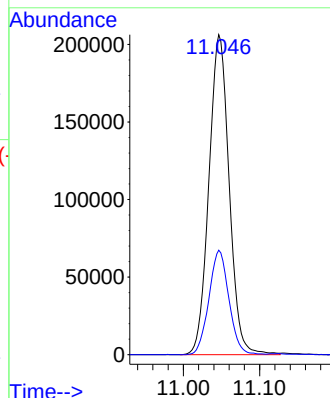
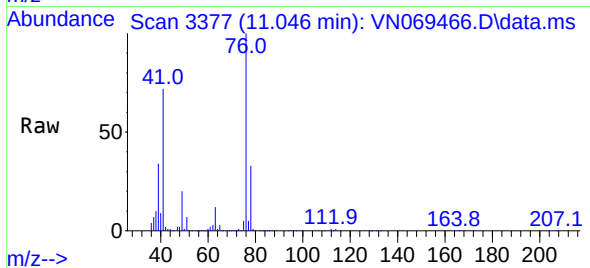
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 91.949 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069466.D

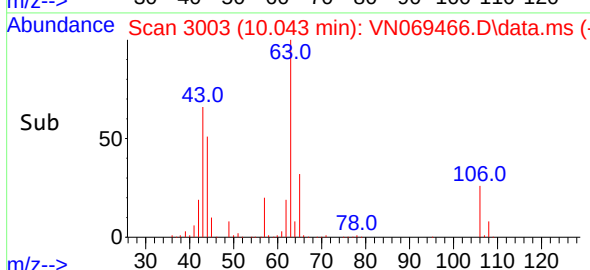
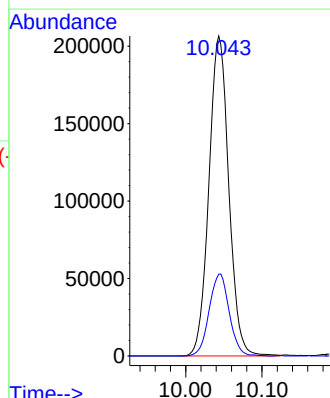
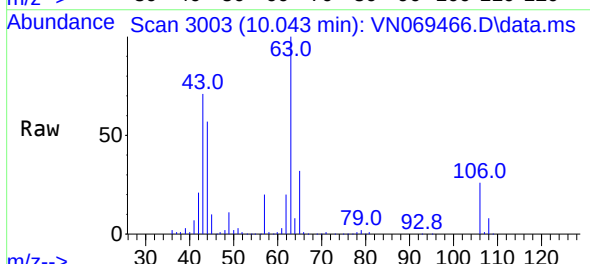
Acq: 12 Nov 2021 14:23

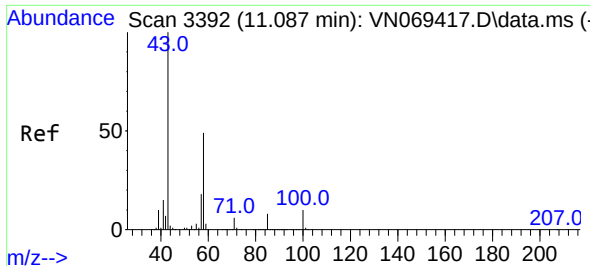
Tgt Ion: 63 Resp: 373674

Ion Ratio Lower Upper

63 100

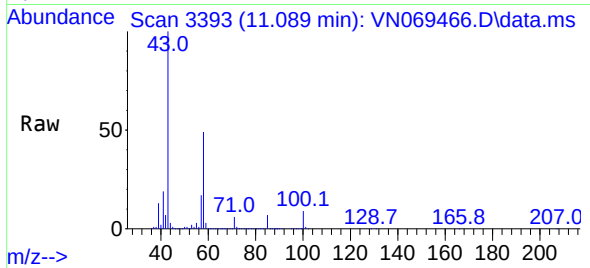
106 25.9 23.9 35.9





#59
2-Hexanone
Concen: 96.222 ug/l
RT: 11.089 min Scan# 3392
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

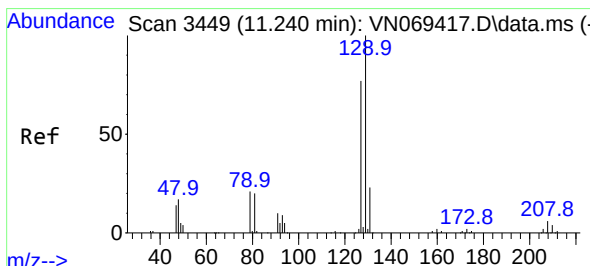
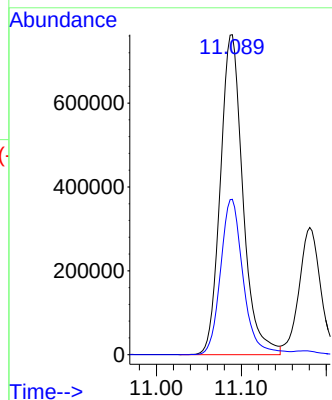
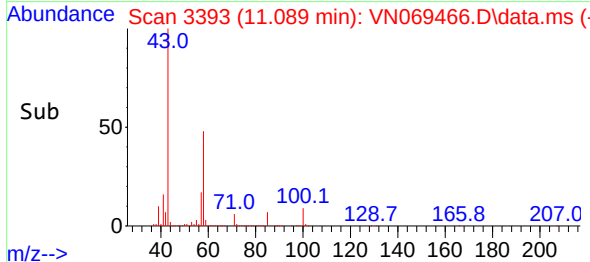
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 43 Resp: 1410249
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7

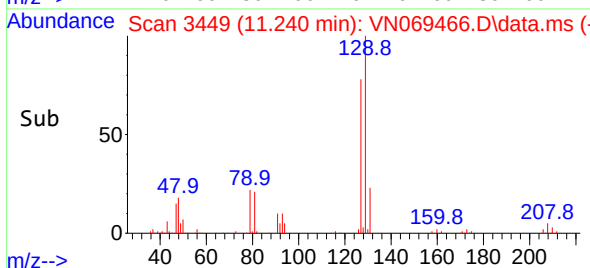
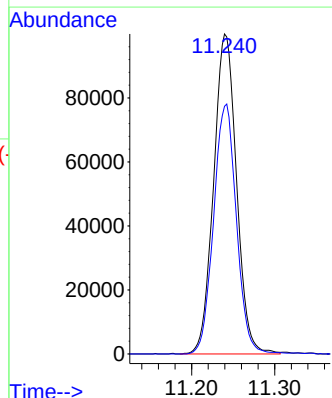
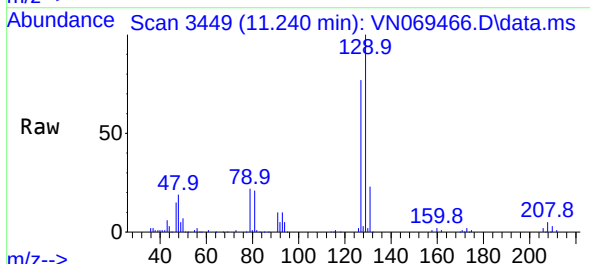
Manual Integrations
APPROVED

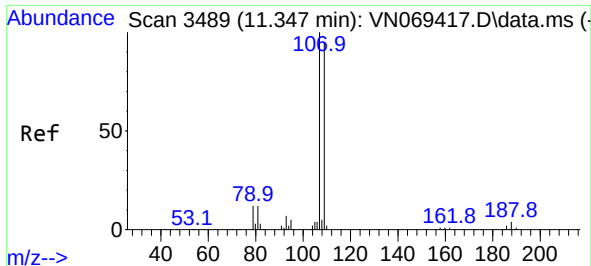
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 18.828 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.001 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

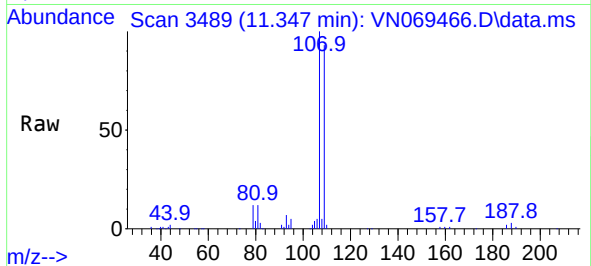
Tgt Ion:129 Resp: 191763
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.180 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

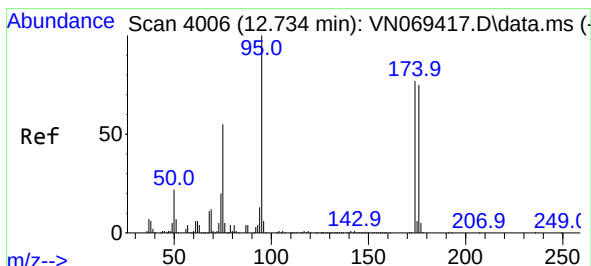
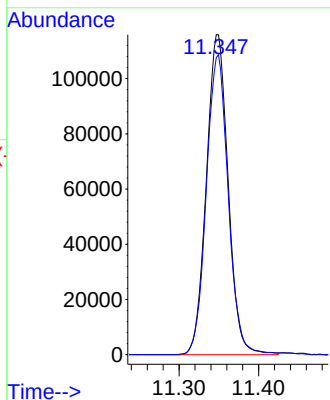
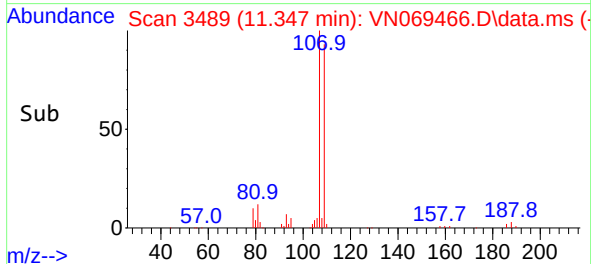
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



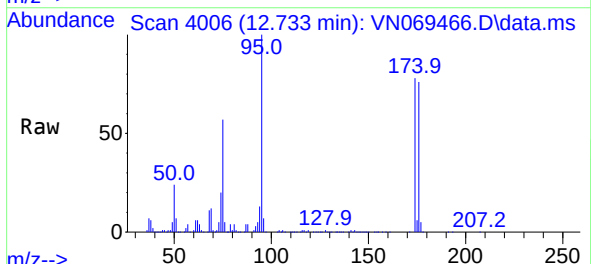
Tgt Ion:107 Resp: 22083
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

Manual Integrations
APPROVED

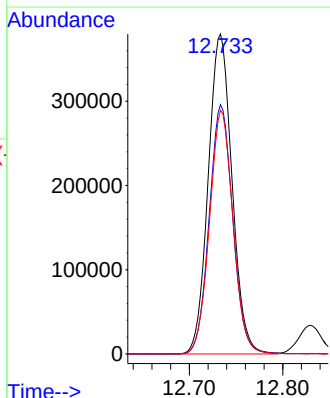
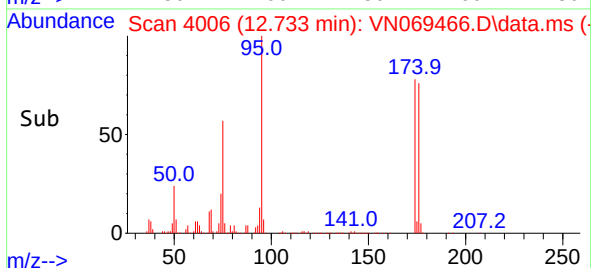
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

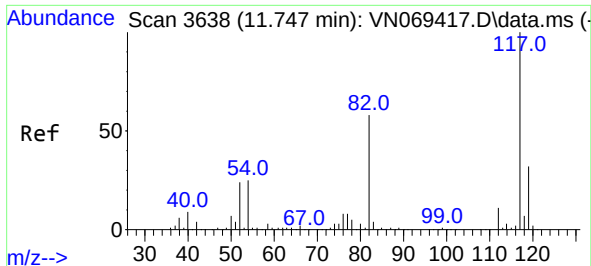


#62
4-Bromofluorobenzene
Concen: 49.976 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



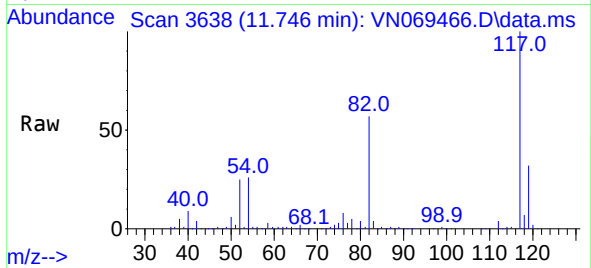
Tgt Ion: 95 Resp: 672726
Ion Ratio Lower Upper
95 100
174 77.1 0.0 187.2
176 75.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

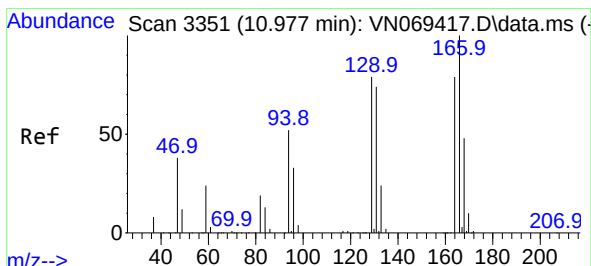
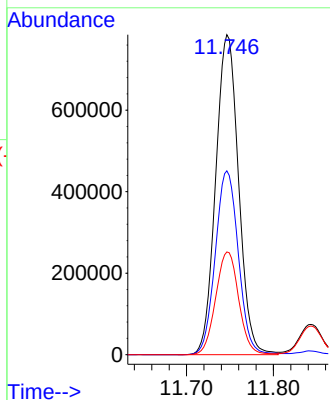
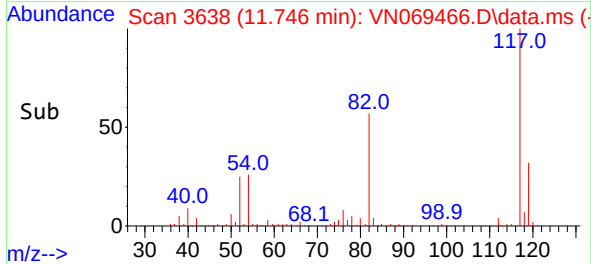
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



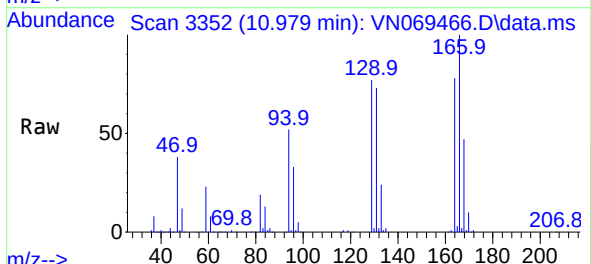
Tgt Ion:117 Resp: 1436904
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
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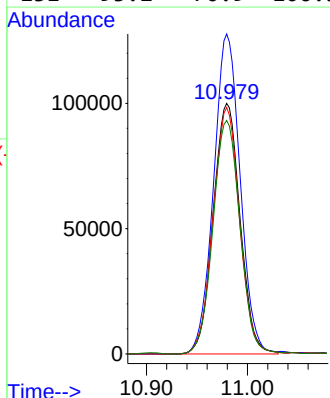
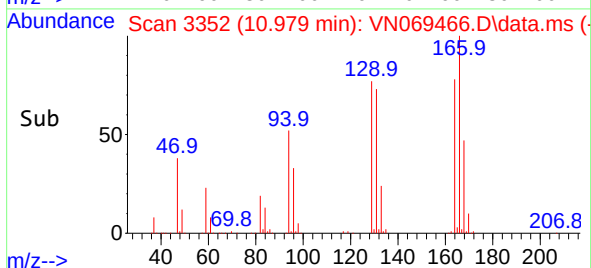
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

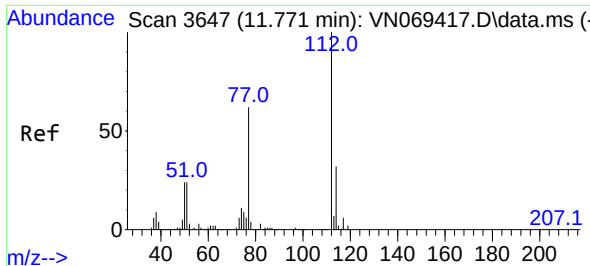


#64
Tetrachloroethene
Concen: 21.297 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion:164 Resp: 184779
Ion Ratio Lower Upper
164 100
166 127.7 101.9 152.9
129 98.4 72.0 108.0
131 93.2 70.9 106.3





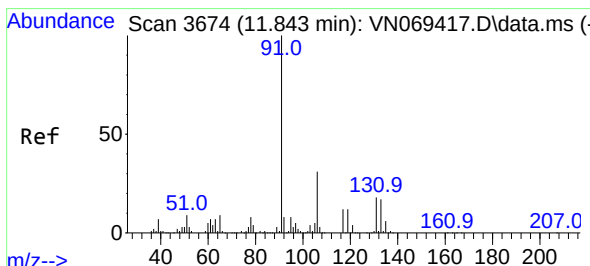
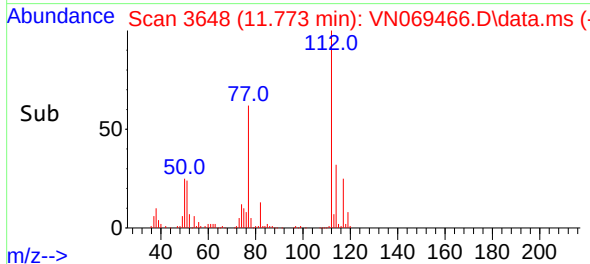
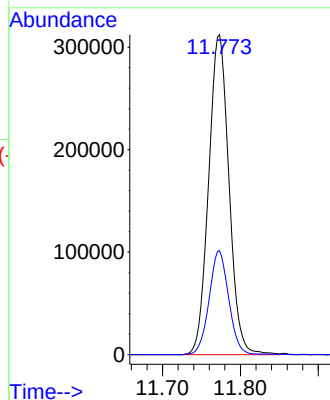
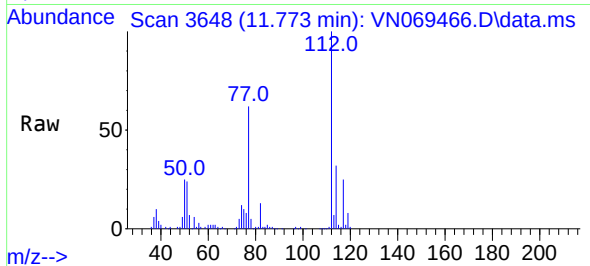
#65
Chlorobenzene
Concen: 21.208 ug/l
RT: 11.773 min Scan# 3647
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion:112 Resp: 567235
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

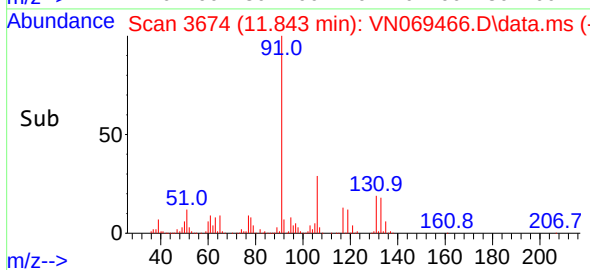
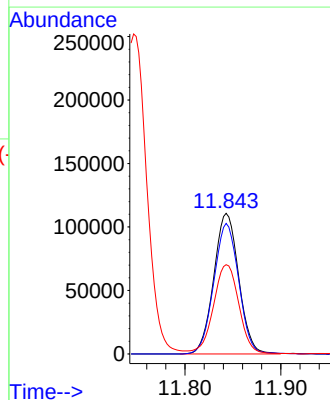
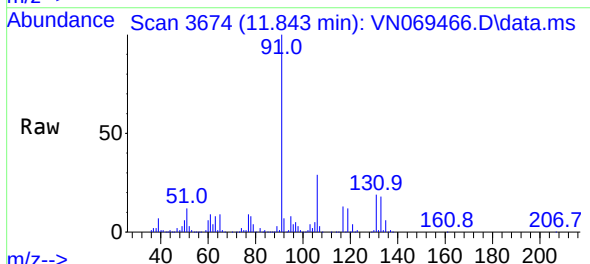
Manual Integrations
APPROVED

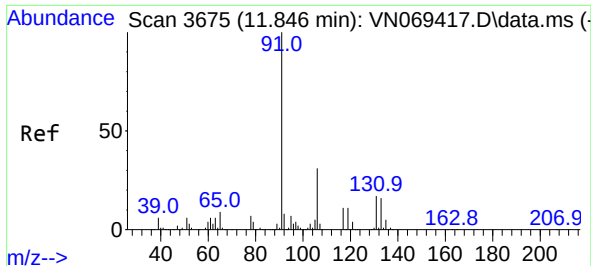
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.588 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

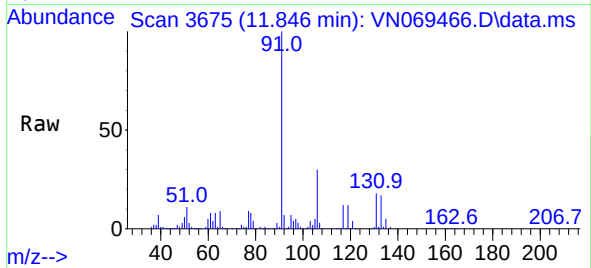
Tgt Ion:131 Resp: 200267
Ion Ratio Lower Upper
131 100
133 92.7 47.9 143.7
119 65.1 32.1 96.5





#67
Ethyl Benzene
Concen: 20.933 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

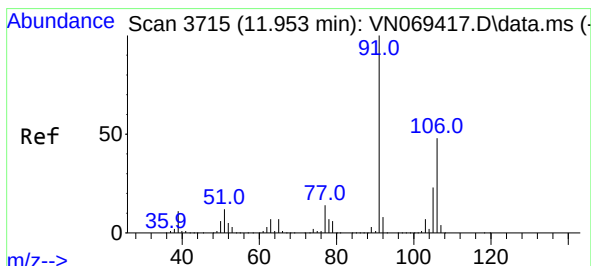
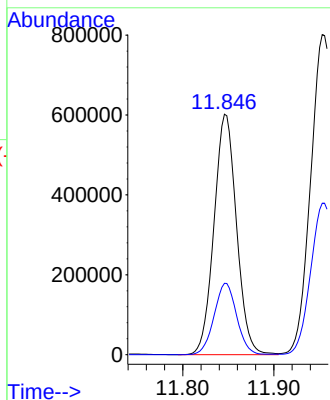
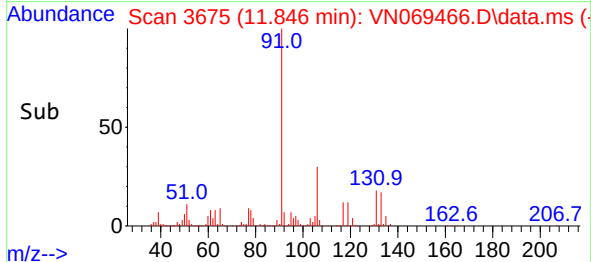
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



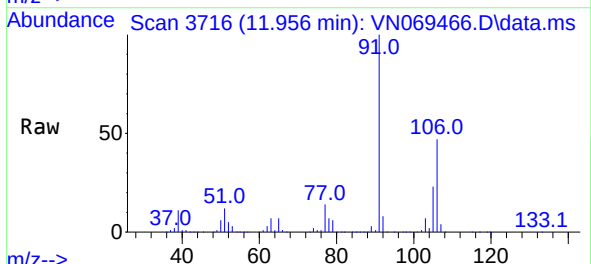
Tgt Ion: 91 Resp: 1032550
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

Manual Integrations
APPROVED

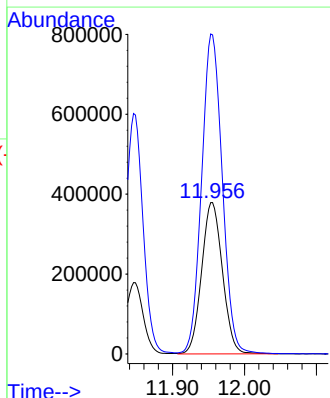
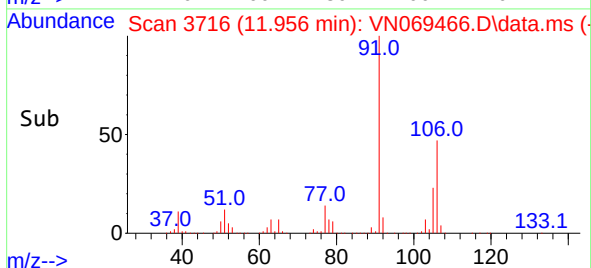
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

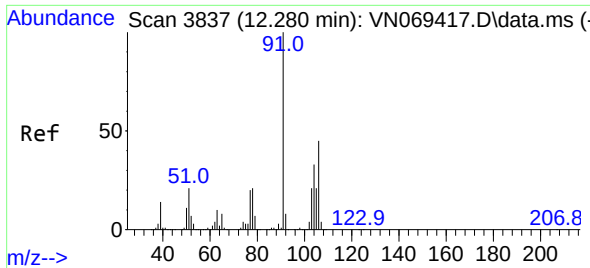


#68
m/p-Xylenes
Concen: 41.981 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion:106 Resp: 761620
Ion Ratio Lower Upper
106 100
91 210.1 160.6 240.8





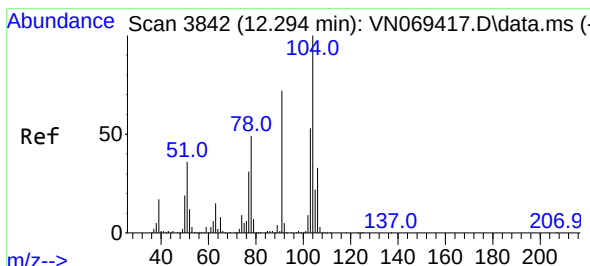
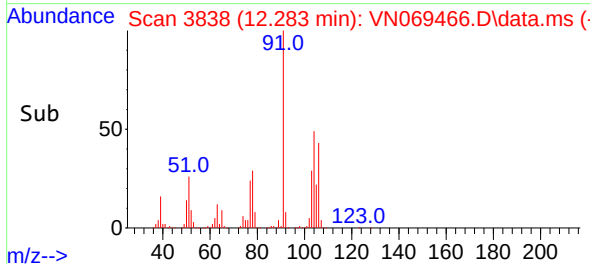
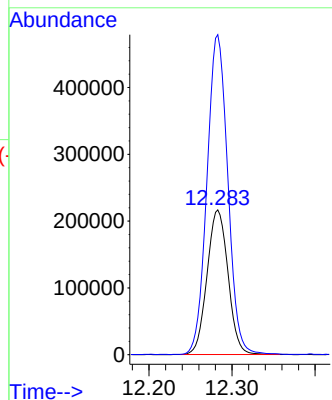
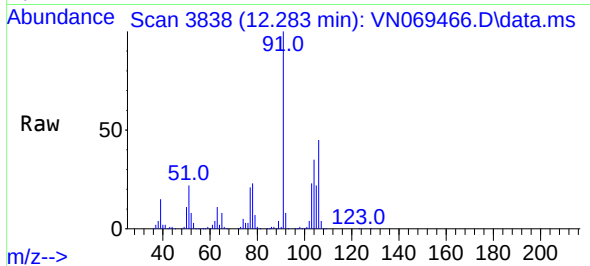
#69
o-Xylene
Concen: 21.035 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion:106 Resp: 38045
Ion Ratio Lower Upper
106 100
91 219.1 105.8 317.3

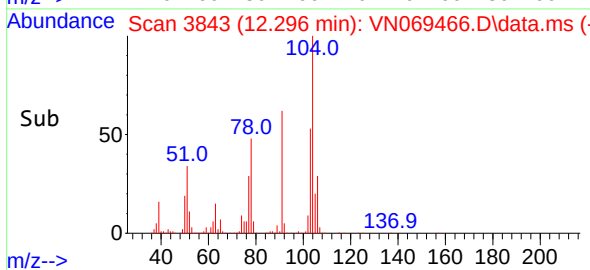
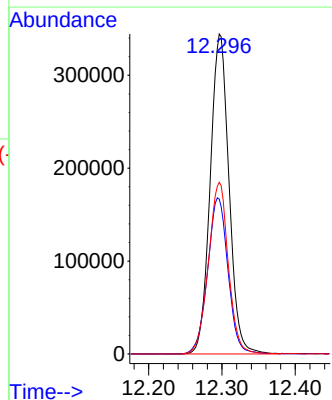
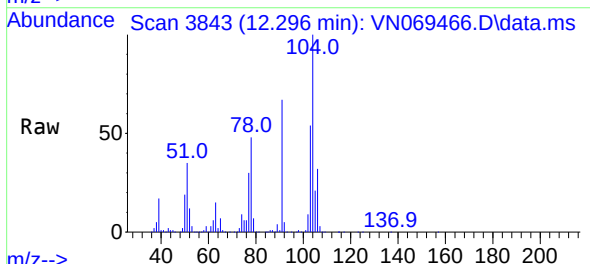
Manual Integrations
APPROVED

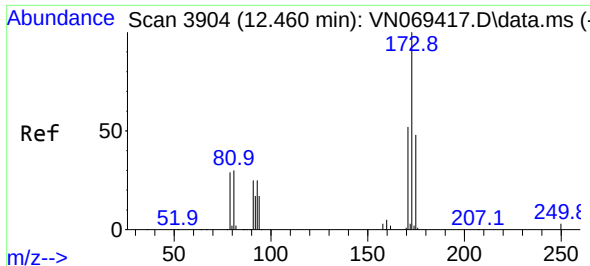
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 19.856 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

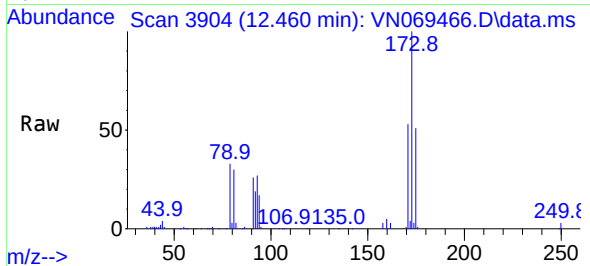
Tgt Ion:104 Resp: 614085
Ion Ratio Lower Upper
104 100
78 52.9 38.7 58.1
103 56.9 45.0 67.6





#71
Bromoform
Concen: 17.946 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

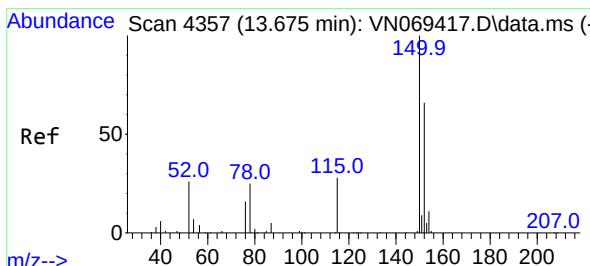
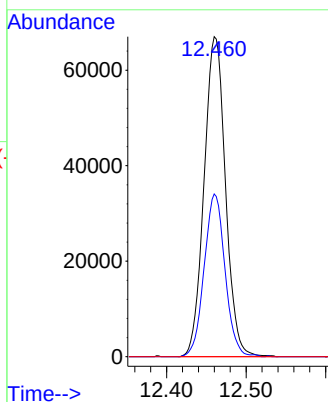
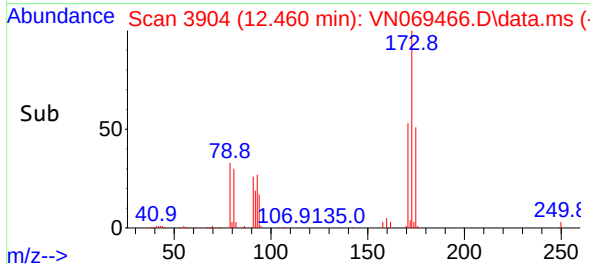
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



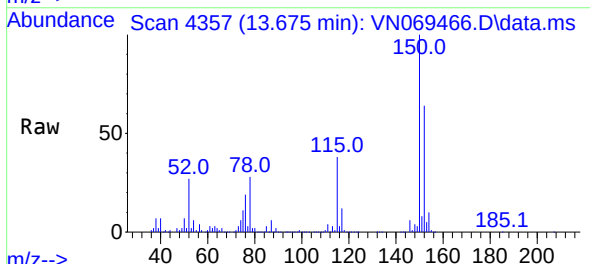
Tgt Ion:173 Resp: 12555
Ion Ratio Lower Upper
173 100
175 49.5 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

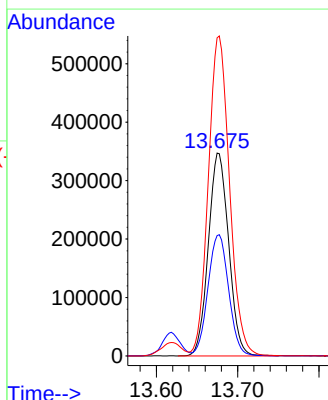
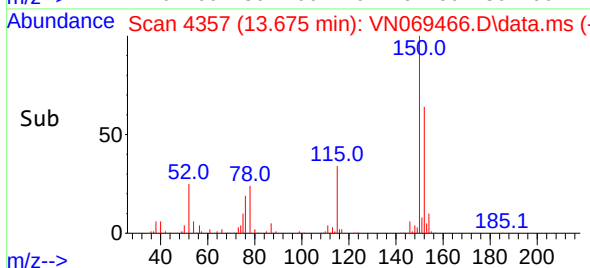
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

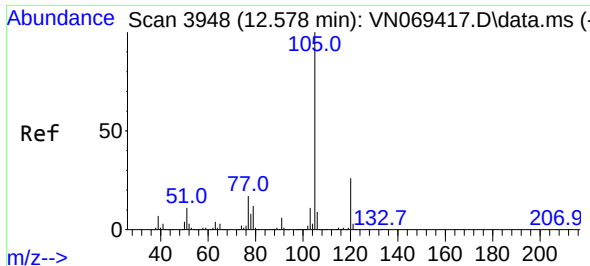


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



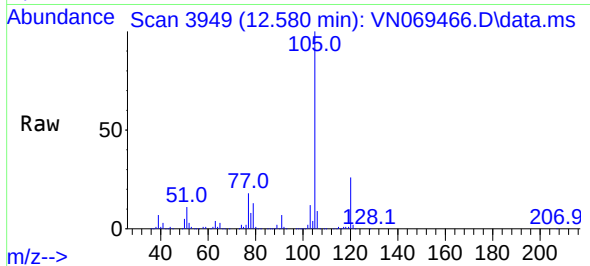
Tgt Ion:152 Resp: 603343
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 164.5 0.0 344.4





#73
Isopropylbenzene
Concen: 20.388 ug/l
RT: 12.580 min Scan# 3948
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

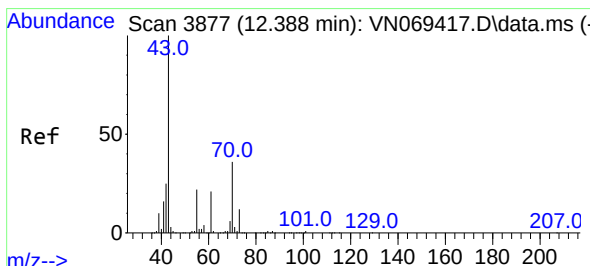
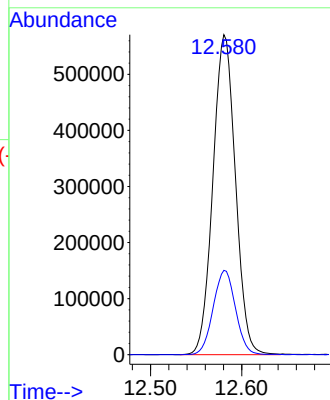
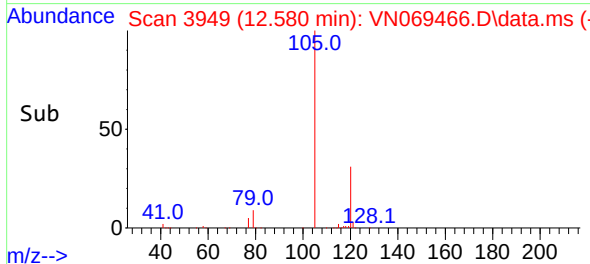
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



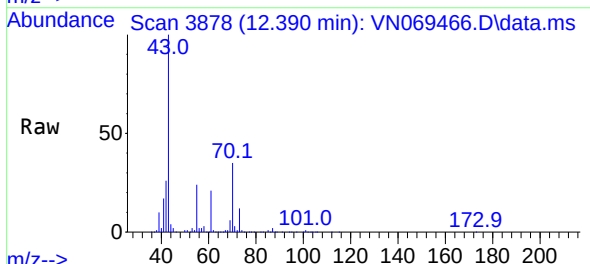
Tgt Ion:105 Resp: 979399
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

Manual Integrations
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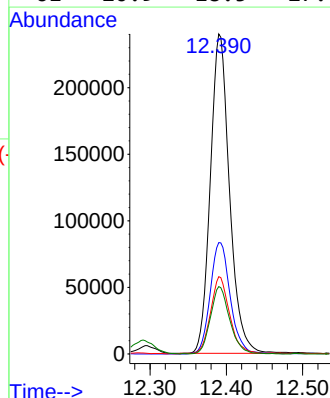
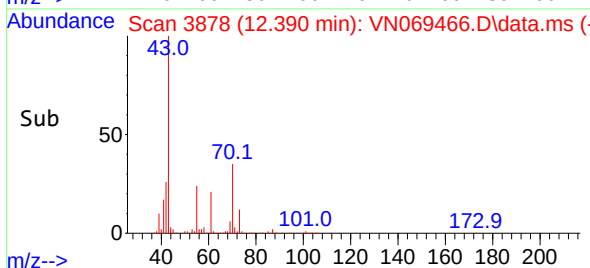
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

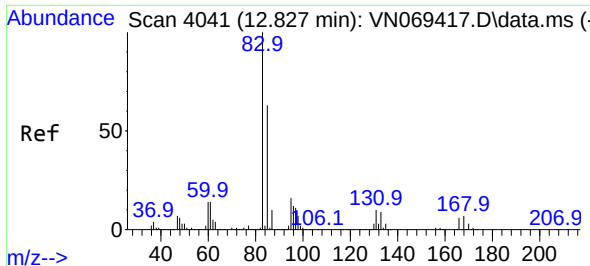


#74
N-ethyl acetate
Concen: 20.543 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



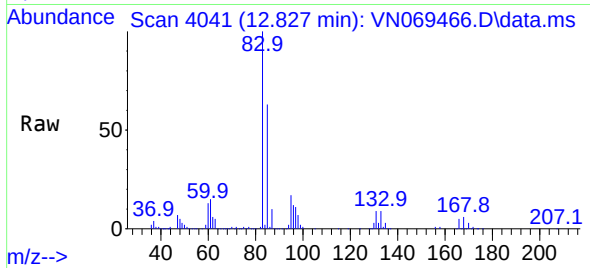
Tgt Ion: 43 Resp: 418224
Ion Ratio Lower Upper
43 100
70 36.6 33.4 50.0
55 23.7 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.737 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

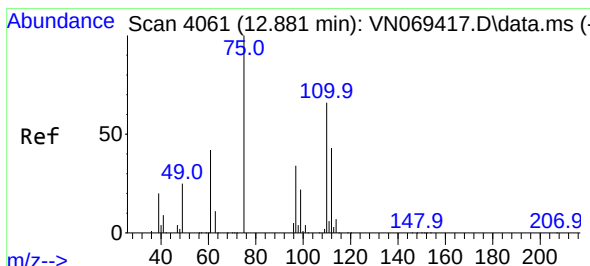
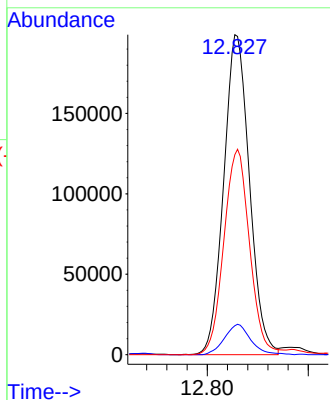
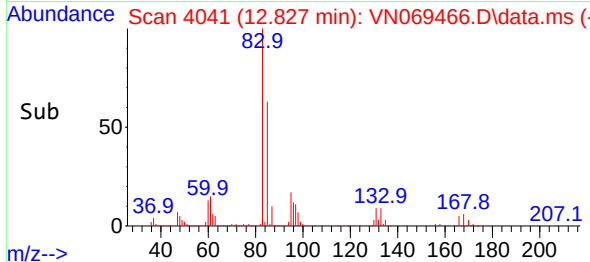
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



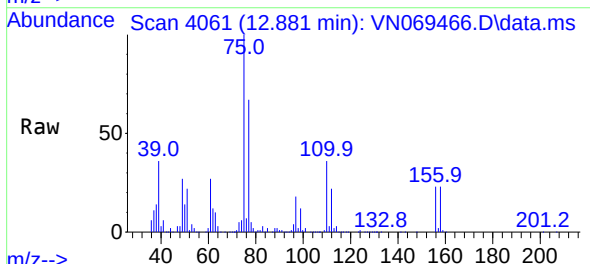
Tgt Ion: 83 Resp: 352178
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 64.2 32.4 97.2

Manual Integrations
APPROVED

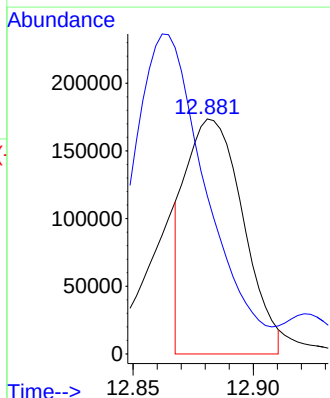
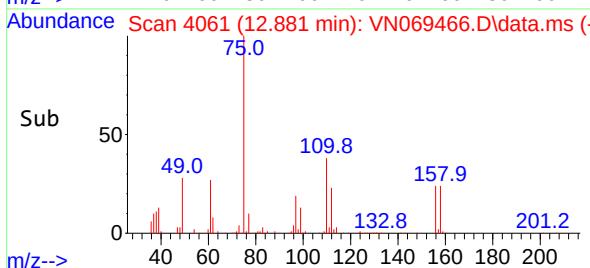
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

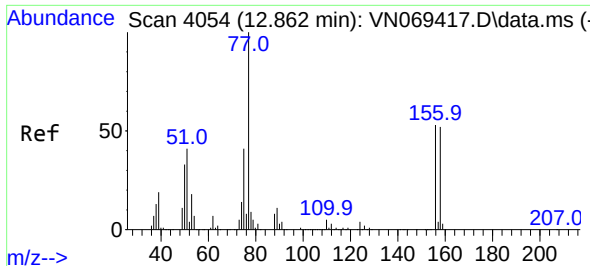


#76
1,2,3-Trichloropropane
Concen: 20.679 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



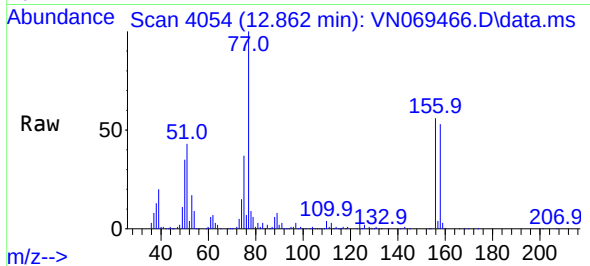
Tgt Ion: 75 Resp: 287929
Ion Ratio Lower Upper
75 100
77 176.7 82.6 247.8





#77
Bromobenzene
Concen: 21.277 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

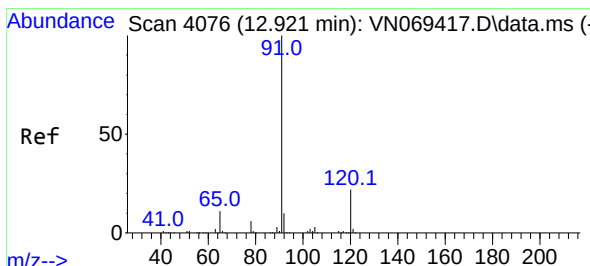
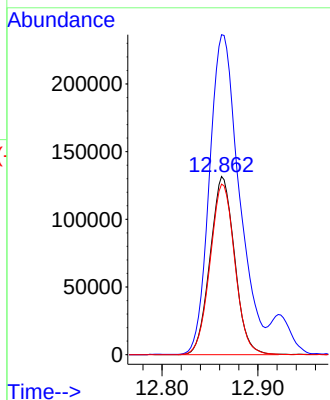
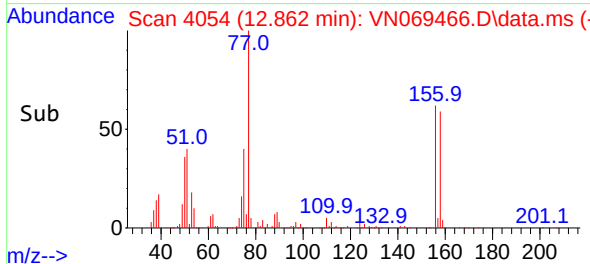
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



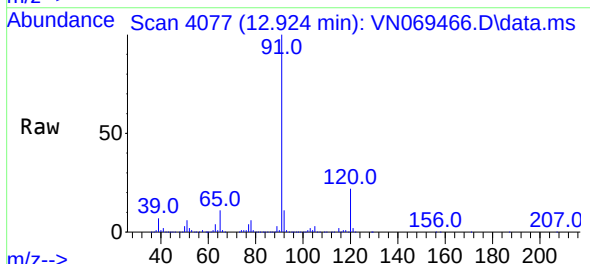
Tgt Ion:156 Resp: 233750
Ion Ratio Lower Upper
156 100
77 217.6 90.6 271.8
158 96.8 48.9 146.7

Manual Integrations
APPROVED

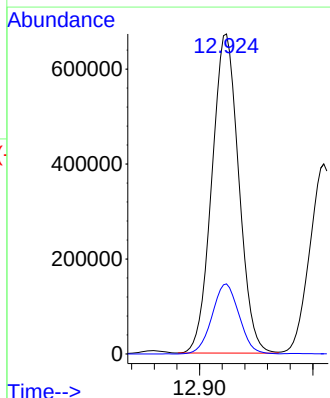
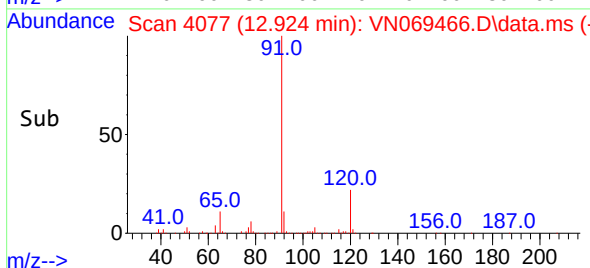
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

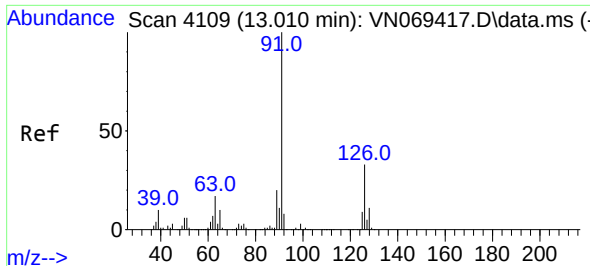


#78
n-propylbenzene
Concen: 20.507 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion: 91 Resp: 1108497
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





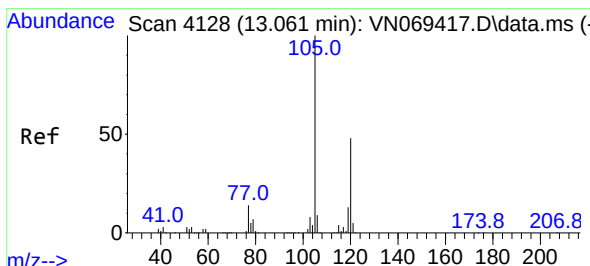
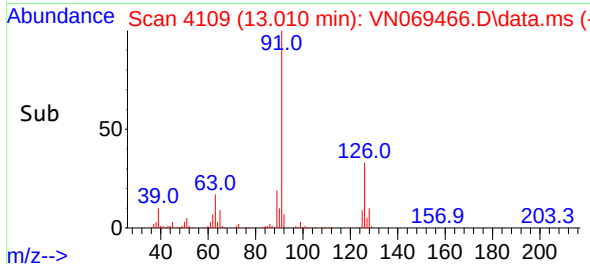
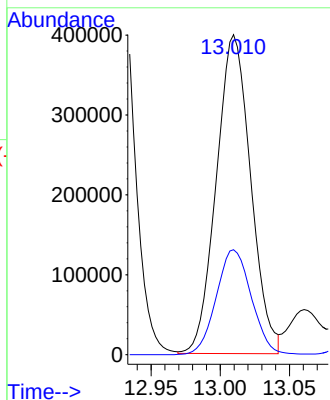
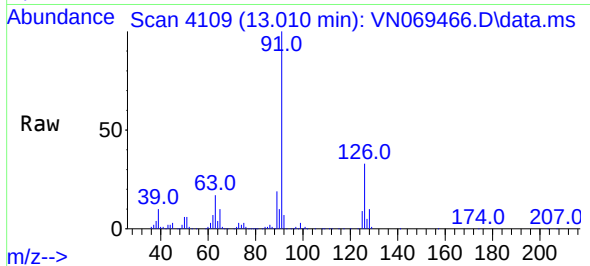
#79
2-Chlorotoluene
Concen: 20.576 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion: 91 Resp: 688650
Ion Ratio Lower Upper
91 100
126 33.7 18.3 54.8

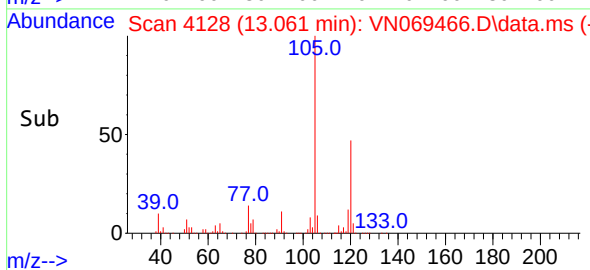
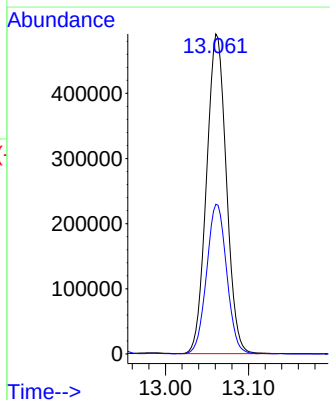
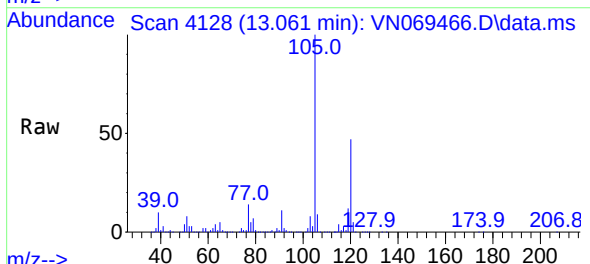
Manual Integrations
APPROVED

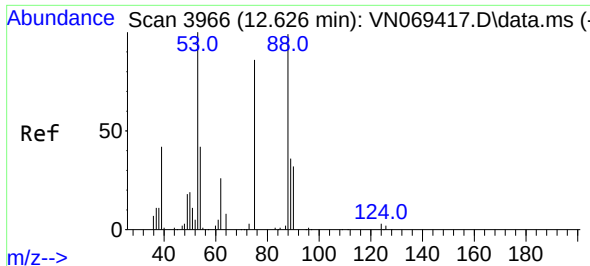
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.890 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

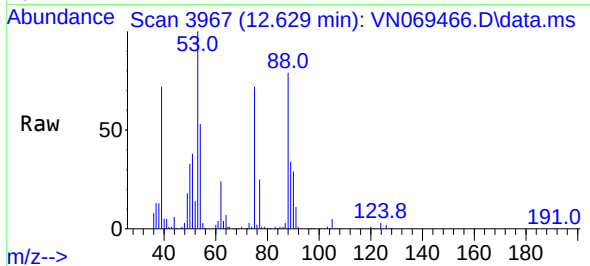
Tgt Ion:105 Resp: 811272
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.557 ug/l
RT: 12.629 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

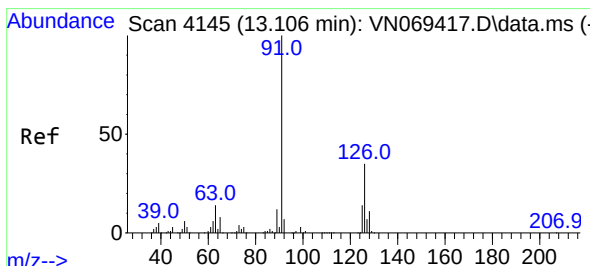
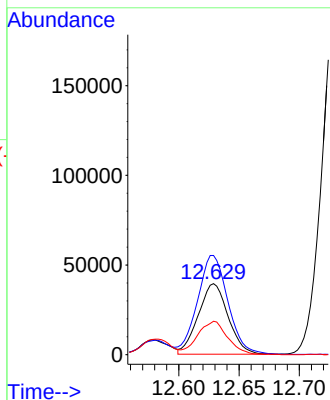
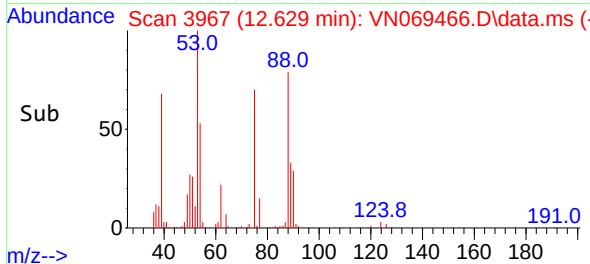
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



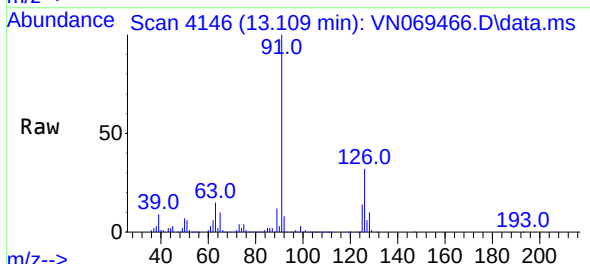
Tgt Ion: 75 Resp: 67552
Ion Ratio Lower Upper
75 100
53 144.3 90.5 135.7
89 46.7 38.2 57.4

Manual Integrations
APPROVED

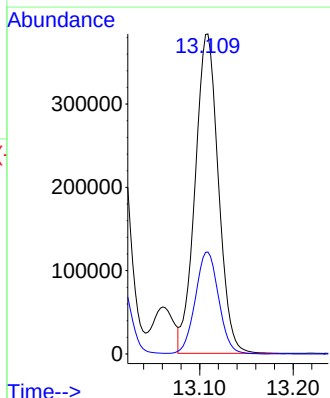
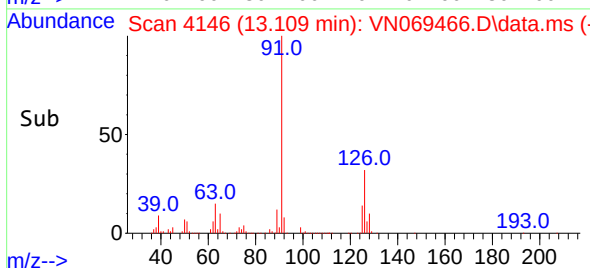
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

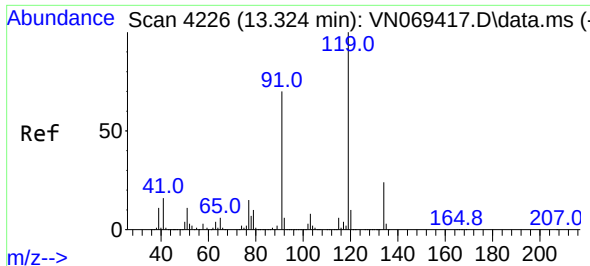


#82
4-Chlorotoluene
Concen: 20.759 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



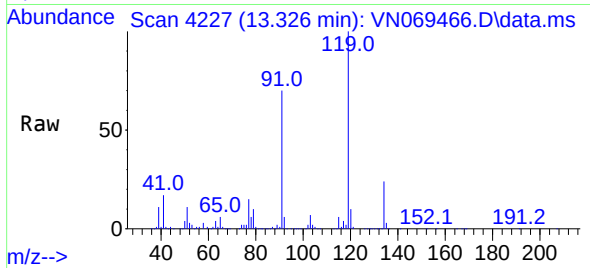
Tgt Ion: 91 Resp: 662321
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.680 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

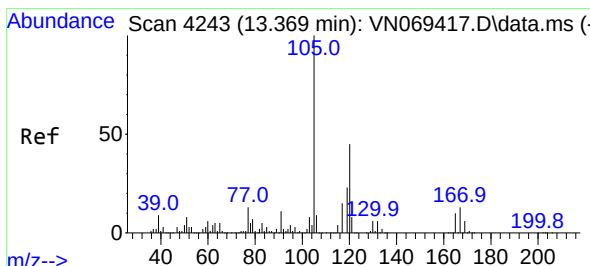
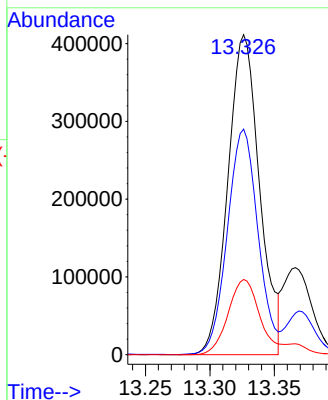
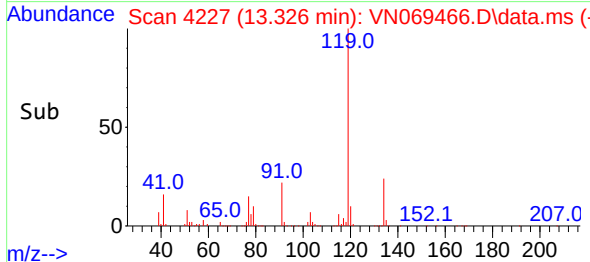
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



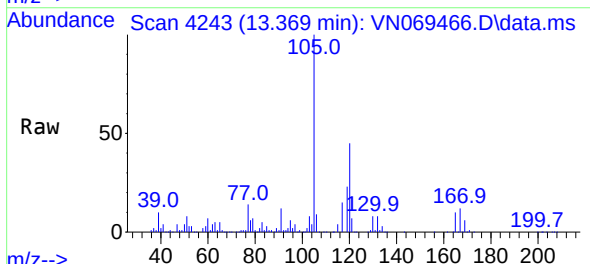
Tgt Ion:119 Resp: 703792
Ion Ratio Lower Upper
119 100
91 68.3 31.5 94.5
134 23.8 12.4 37.4

Manual Integrations
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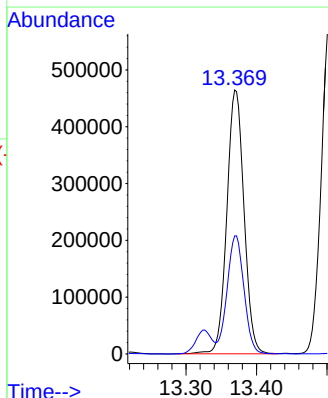
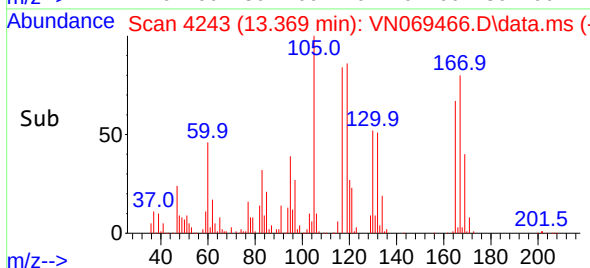
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

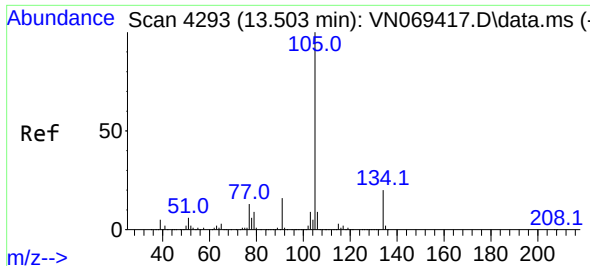


#84
1,2,4-Trimethylbenzene
Concen: 20.957 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



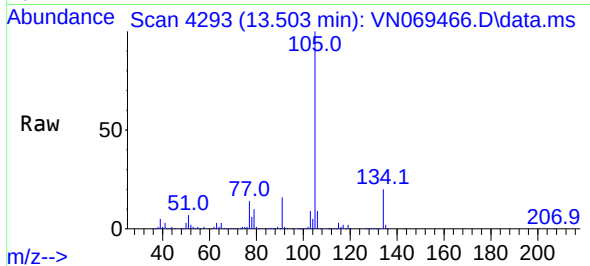
Tgt Ion:105 Resp: 785710
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.309 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069466.D
 Acq: 12 Nov 2021 14:23

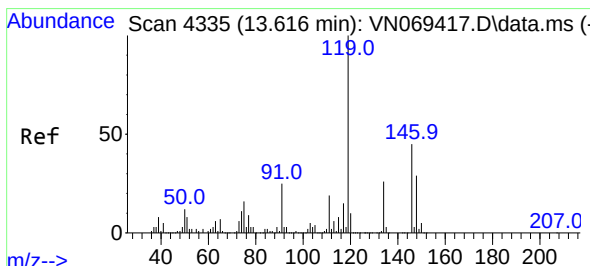
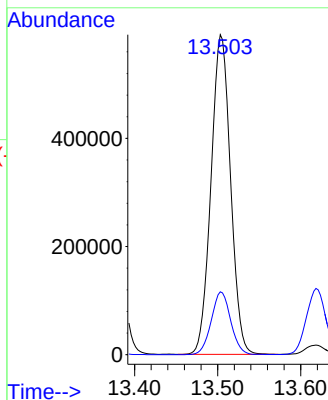
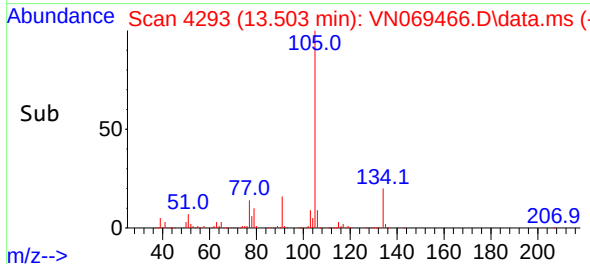
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBSD01



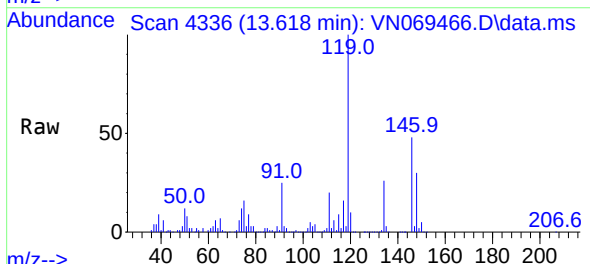
Tgt Ion:105 Resp: 96548
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
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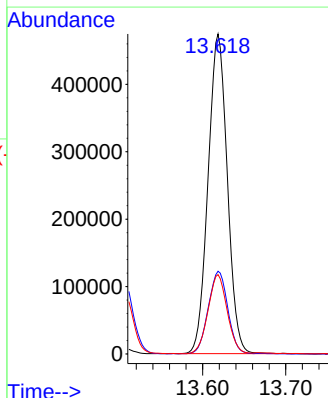
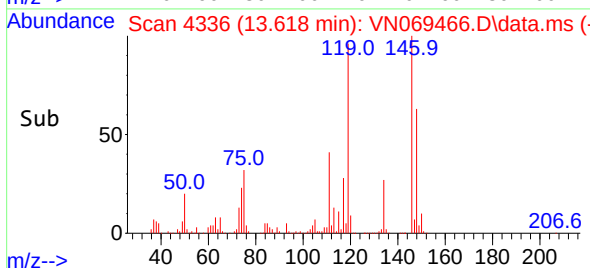
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

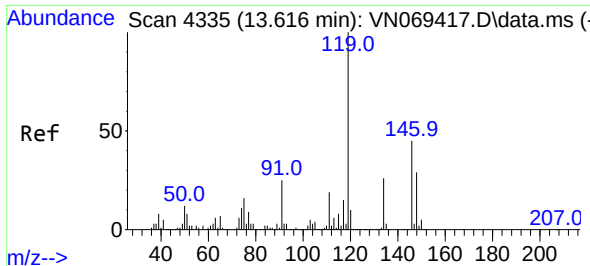


#86
 p-Isopropyltoluene
 Concen: 20.176 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.002 min
 Lab File: VN069466.D
 Acq: 12 Nov 2021 14:23



Tgt Ion:119 Resp: 761410
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 24.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 20.855 ug/l

RT: 13.618 min Scan# 4335

Delta R.T. 0.002 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion:146 Resp: 397250

Ion Ratio Lower Upper

146 100

111 41.3 18.6 55.6

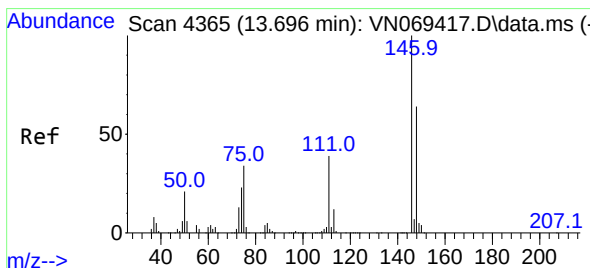
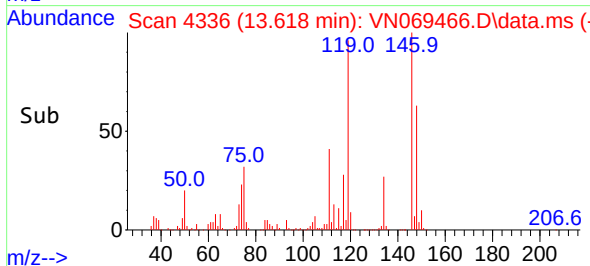
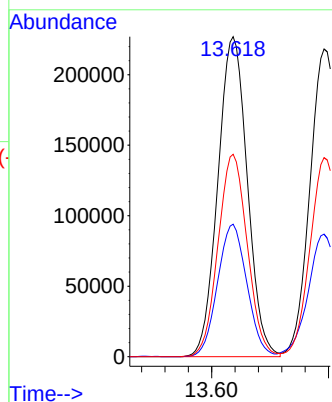
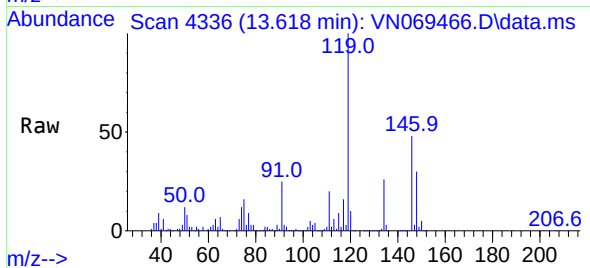
148 62.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#88

1,4-Dichlorobenzene

Concen: 20.690 ug/l

RT: 13.696 min Scan# 4365

Delta R.T. 0.000 min

Lab File: VN069466.D

Acq: 12 Nov 2021 14:23

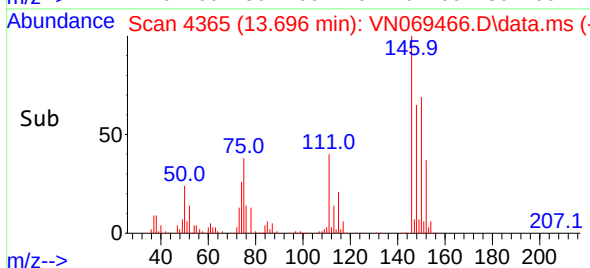
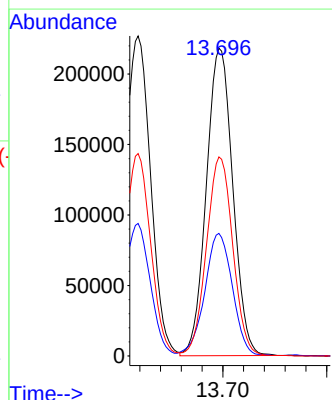
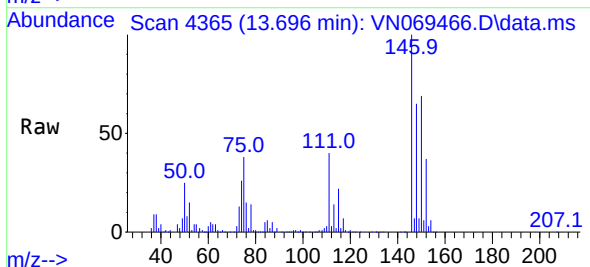
Tgt Ion:146 Resp: 386613

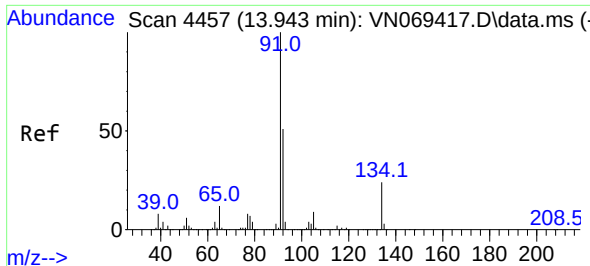
Ion Ratio Lower Upper

146 100

111 41.5 18.3 54.8

148 64.8 31.8 95.4





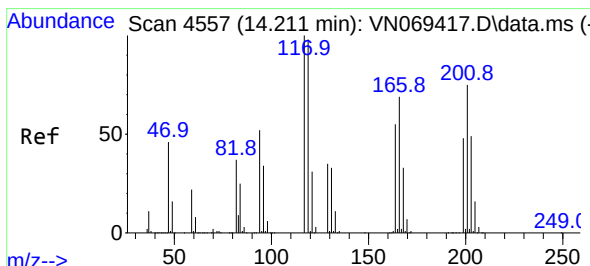
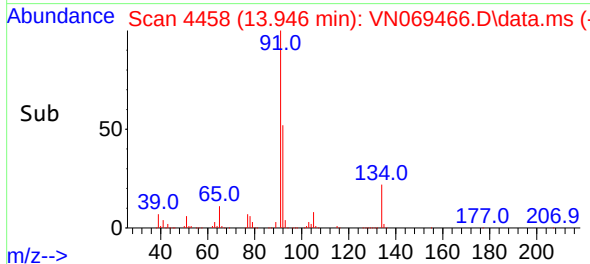
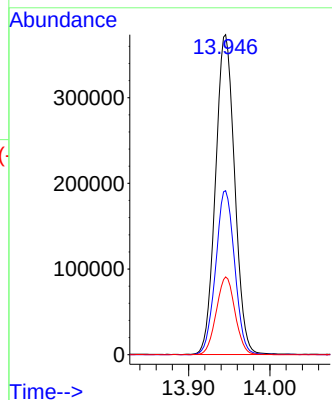
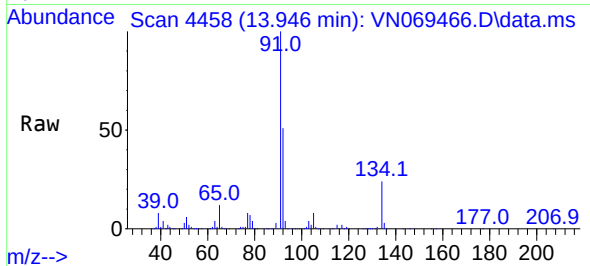
#89
n-Butylbenzene
Concen: 19.406 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion: 91 Resp: 610724
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 23.9 13.6 40.8

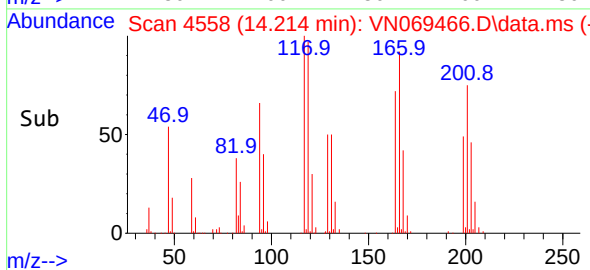
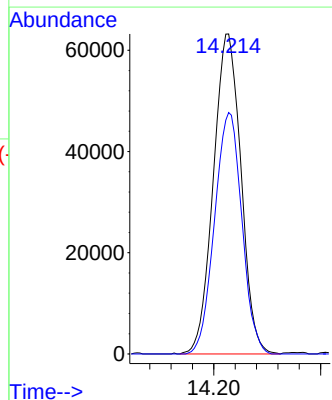
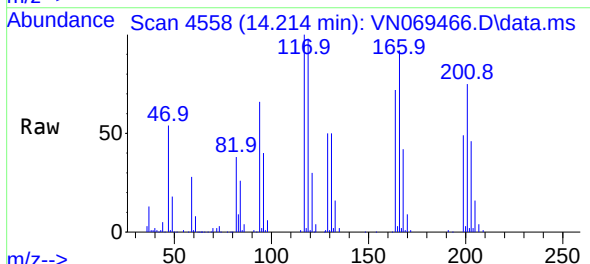
Manual Integrations
APPROVED

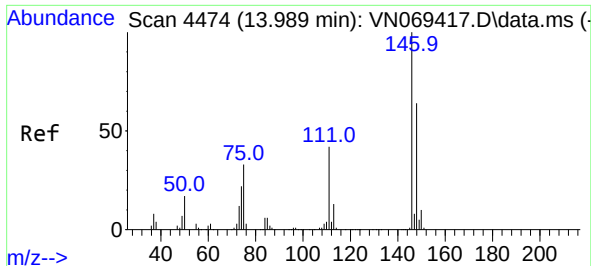
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 17.824 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

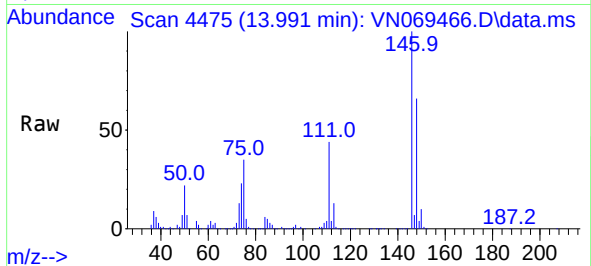
Tgt Ion:117 Resp: 113552
Ion Ratio Lower Upper
117 100
201 74.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.534 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

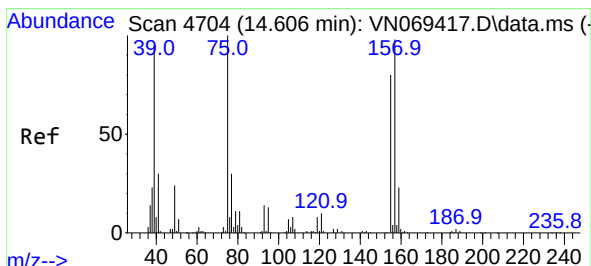
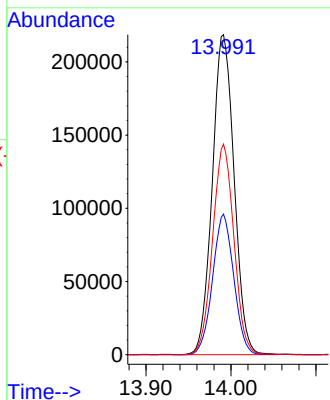
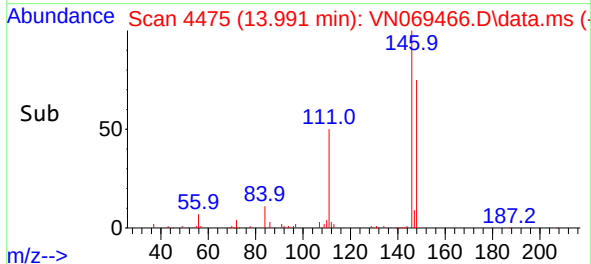
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



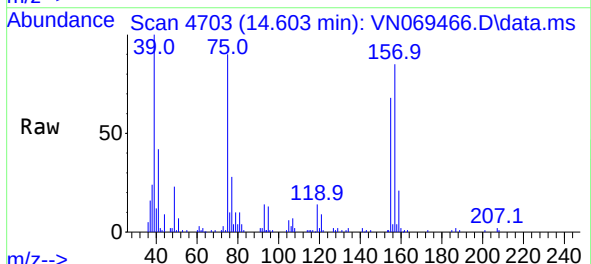
Tgt Ion:146 Resp: 39031
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 64.3 32.1 96.3

Manual Integrations
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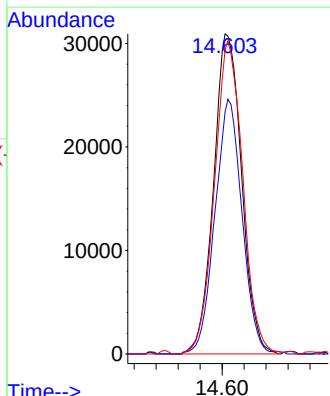
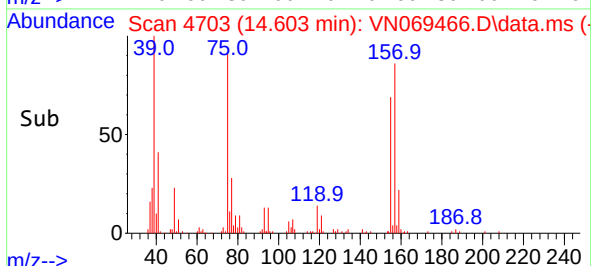
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

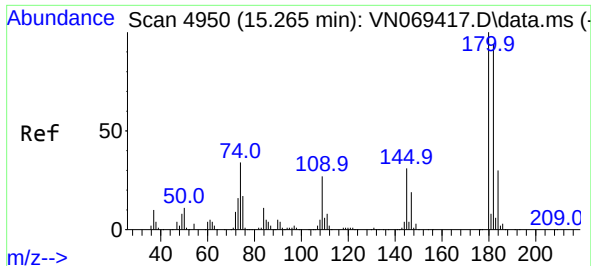


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.298 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



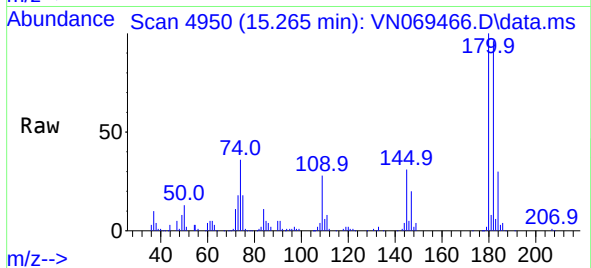
Tgt Ion: 75 Resp: 54684
Ion Ratio Lower Upper
75 100
155 77.2 46.9 140.7
157 98.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.618 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

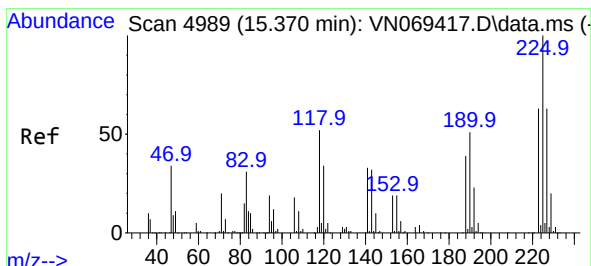
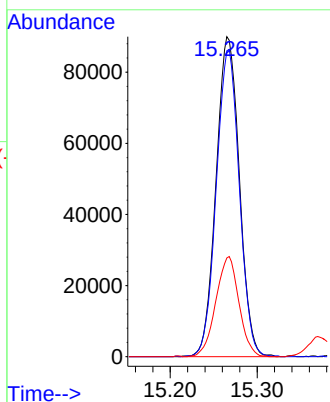
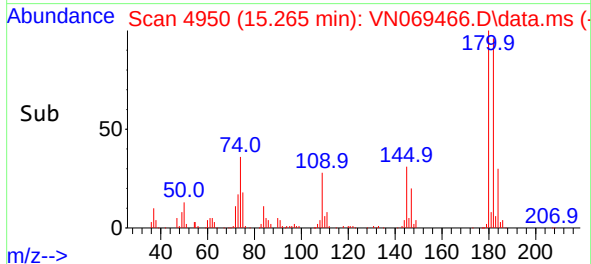
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



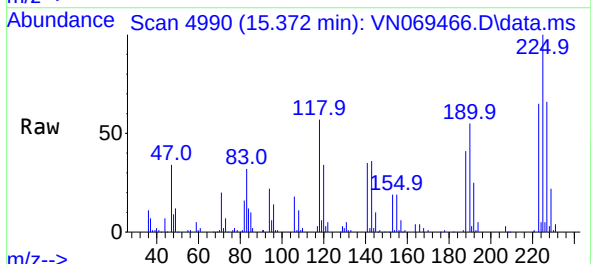
Tgt Ion:180 Resp: 16715
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.9
145 31.1 14.5 43.5

Manual Integrations
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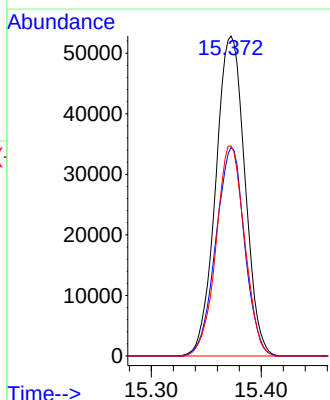
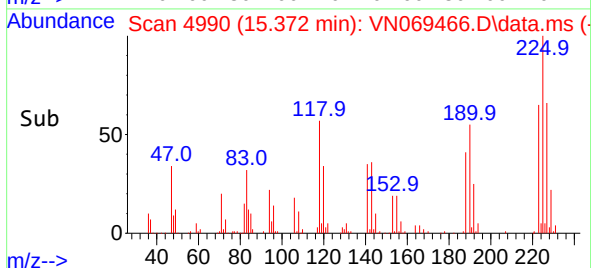
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

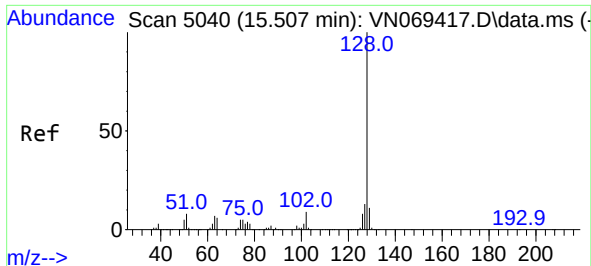


#94
Hexachlorobutadiene
Concen: 20.674 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23



Tgt Ion:225 Resp: 97363
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.7
227 64.1 32.1 96.3





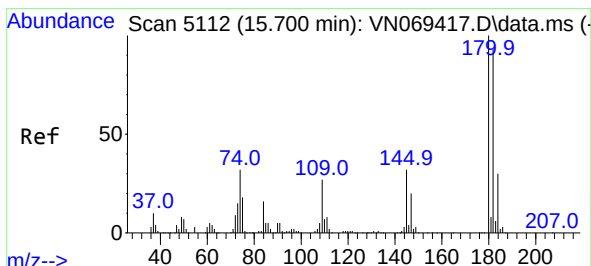
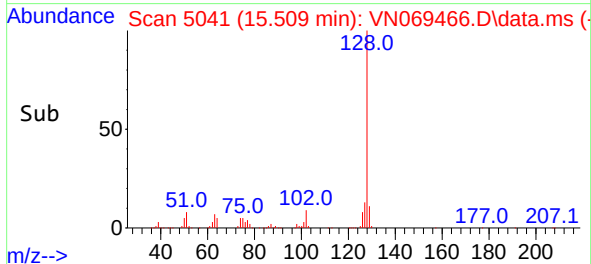
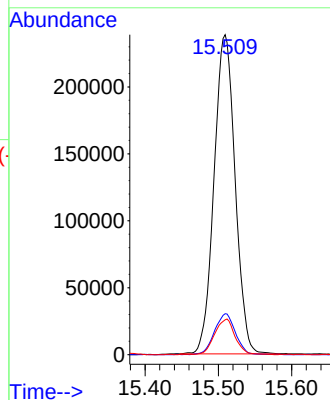
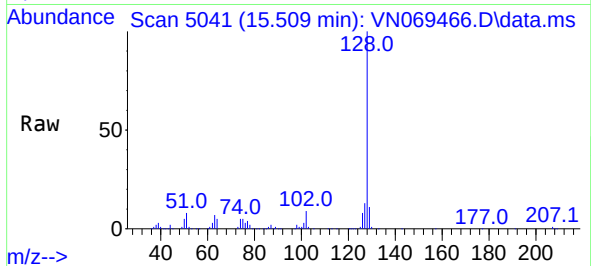
#95
Naphthalene
Concen: 20.635 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion:128 Resp: 475824
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.766 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069466.D
Acq: 12 Nov 2021 14:23

Tgt Ion:180 Resp: 170618
Ion Ratio Lower Upper
180 100
182 92.3 47.4 142.2
145 33.0 15.0 45.1

