

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072331.D
 Acq On : 04 May 2022 16:26
 Operator : JC\MD
 Sample : VN0504MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2022
 Supervised By : Mahesh Dadoda 05/05/2022

Quant Time: May 05 02:20:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	195210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	357670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	323476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	125936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	165445	55.205	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.420%			
35) Dibromofluoromethane	8.022	113	118995	51.979	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.960%			
50) Toluene-d8	10.439	98	433805	48.225	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.440%			
62) 4-Bromofluorobenzene	12.727	95	145218	48.636	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	36664	16.644	ug/l	99
3) Chloromethane	2.299	50	47416	18.808	ug/l	99
4) Vinyl Chloride	2.446	62	35716	16.253	ug/l	98
5) Bromomethane	2.840	94	23841	21.381	ug/l	88
6) Chloroethane	3.010	64	25508	19.526	ug/l	92
7) Trichlorofluoromethane	3.369	101	62462	16.270	ug/l	93
8) Diethyl Ether	3.828	74	28415	20.440	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.216	101	35462	17.585	ug/l	95
10) Methyl Iodide	4.428	142	45382	18.539	ug/l	91
11) Tert butyl alcohol	5.363	59	56343	114.403	ug/l	99
12) 1,1-Dichloroethene	4.187	96	31846	17.081	ug/l	98
13) Acrolein	4.040	56	44208	89.196	ug/l	97
14) Allyl chloride	4.840	41	77318	19.973	ug/l	# 93
15) Acrylonitrile	5.551	53	162329	109.225	ug/l	99
16) Acetone	4.287	43	143098	110.749	ug/l	97
17) Carbon Disulfide	4.528	76	72922	16.866	ug/l	96
18) Methyl Acetate	4.851	43	82525	22.825	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	161360	22.079	ug/l	99
20) Methylene Chloride	5.093	84	47998	19.380	ug/l	# 79
21) trans-1,2-Dichloroethene	5.604	96	36949	17.972	ug/l	83
22) Diisopropyl ether	6.492	45	178270	22.357	ug/l	94
23) Vinyl Acetate	6.428	43	756507	112.968	ug/l	# 93
24) 1,1-Dichloroethane	6.381	63	88927	19.938	ug/l	96
25) 2-Butanone	7.334	43	232339	112.910	ug/l	# 87
26) 2,2-Dichloropropane	7.322	77	62862	18.043	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	49386	19.704	ug/l	89
28) Bromochloromethane	7.651	49	47649	23.859	ug/l	# 80
29) Tetrahydrofuran	7.681	42	155625	115.241	ug/l	# 85
30) Chloroform	7.816	83	91217	20.369	ug/l	93
31) Cyclohexane	8.092	56	65879	16.452	ug/l	# 90
32) 1,1,1-Trichloroethane	8.016	97	73395	19.259	ug/l	98
36) 1,1-Dichloropropene	8.216	75	54793	16.443	ug/l	96
37) Ethyl Acetate	7.410	43	92699	20.948	ug/l	# 95
38) Carbon Tetrachloride	8.204	117	59572	16.692	ug/l	98
39) Methylcyclohexane	9.457	83	56321	15.112	ug/l	94
40) Benzene	8.457	78	183628	17.766	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	46853	20.929	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	78526	19.845	ug/l	96
43) Isopropyl Acetate	8.557	43	133534	19.712	ug/l #	94
44) Trichloroethene	9.216	130	42494	17.674	ug/l	89
45) 1,2-Dichloropropane	9.486	63	54362	19.464	ug/l	99
46) Dibromomethane	9.575	93	35254	20.150	ug/l	90
47) Bromodichloromethane	9.757	83	71242	19.406	ug/l	94
48) Methyl methacrylate	9.557	41	62787	21.479	ug/l	90
49) 1,4-Dioxane	9.569	88	19165	373.238	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	454944	108.959	ug/l	91
52) Toluene	10.504	92	111875	18.106	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	70508	19.106	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	77655	19.458	ug/l #	86
55) 1,1,2-Trichloroethane	10.892	97	52829	20.391	ug/l	97
56) Ethyl methacrylate	10.757	69	77468	18.631	ug/l #	80
57) 1,3-Dichloropropane	11.039	76	92067	20.251	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.039	63	92861	88.408	ug/l	93
59) 2-Hexanone	11.080	43	315194	107.145	ug/l	91
60) Dibromochloromethane	11.233	129	53497	20.193	ug/l	100
61) 1,2-Dibromoethane	11.345	107	48382	18.989	ug/l	97
64) Tetrachloroethene	10.974	164	34509	17.723	ug/l	93
65) Chlorobenzene	11.769	112	117068	17.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	46371	18.829	ug/l	99
67) Ethyl Benzene	11.839	91	200022	17.549	ug/l	100
68) m/p-Xylenes	11.951	106	149452	35.310	ug/l	93
69) o-Xylene	12.274	106	78112	19.036	ug/l	97
70) Styrene	12.292	104	122933	19.020	ug/l	97
71) Bromoform	12.457	173	35660	19.469	ug/l #	100
73) Isopropylbenzene	12.574	105	192274	17.287	ug/l	97
74) N-amyl acetate	12.386	43	83356	20.003	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.821	83	79075	20.463	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	60123m	20.956	ug/l	
77) Bromobenzene	12.857	156	45301	17.223	ug/l	81
78) n-propylbenzene	12.916	91	206462	16.849	ug/l	96
79) 2-Chlorotoluene	13.004	91	137518	17.086	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	159681	17.238	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	20693	18.999	ug/l	92
82) 4-Chlorotoluene	13.104	91	130184	17.376	ug/l	95
83) tert-Butylbenzene	13.321	119	137496	16.906	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	156106	17.418	ug/l	98
85) sec-Butylbenzene	13.498	105	179577	16.936	ug/l	98
86) p-Isopropyltoluene	13.610	119	141057	17.064	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	75569	17.751	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	72355	17.477	ug/l	96
89) n-Butylbenzene	13.939	91	105906	16.726	ug/l	97
90) Hexachloroethane	14.204	117	29100	16.216	ug/l	81
91) 1,2-Dichlorobenzene	13.980	146	80082	19.085	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	14164	18.412	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	27199	15.763	ug/l	97
94) Hexachlorobutadiene	15.362	225	17579	15.634	ug/l	95
95) Naphthalene	15.498	128	85916	16.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	29164	16.953	ug/l	96

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBSD01

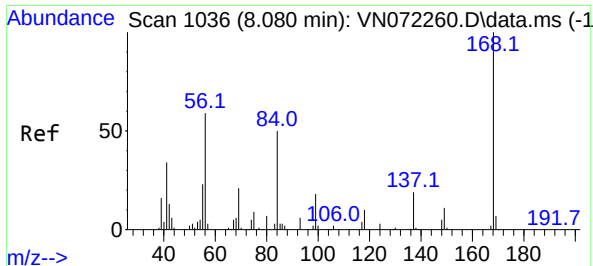
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/05/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
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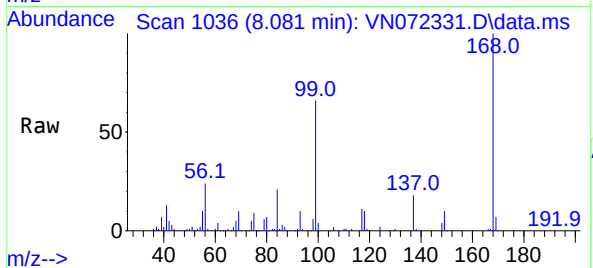
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072331.D
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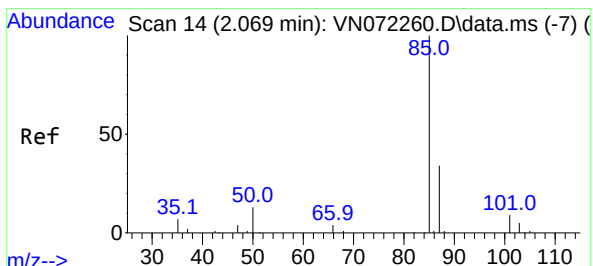
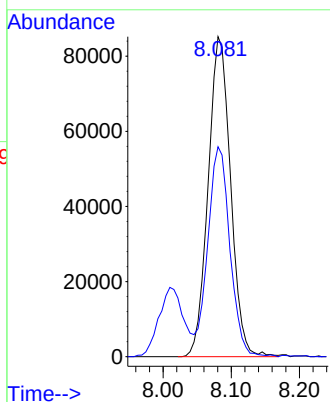
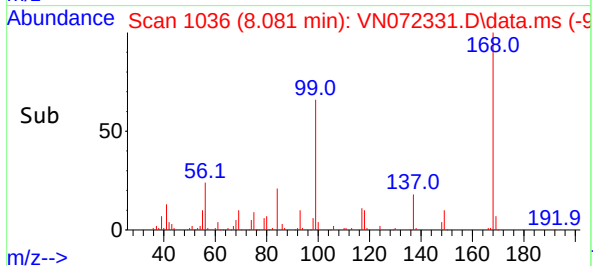
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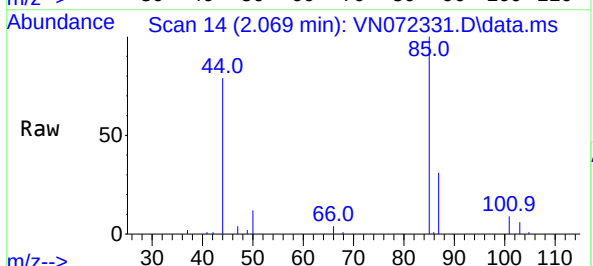
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Ion Ratio Lower Upper
168 100
99 65.6 42.3 63.5

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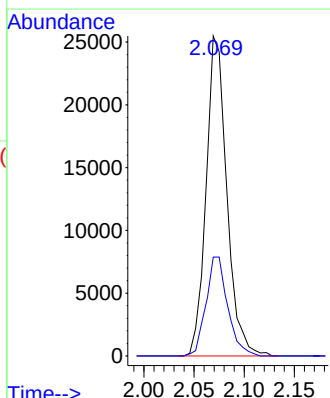
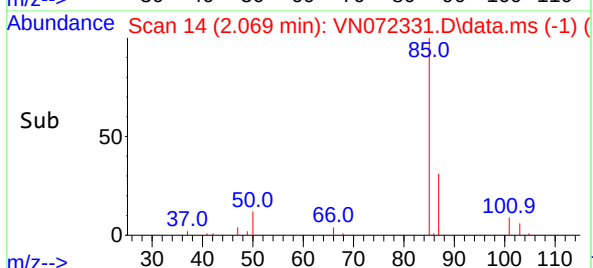
Reviewed By :John Carlone 05/05/2022
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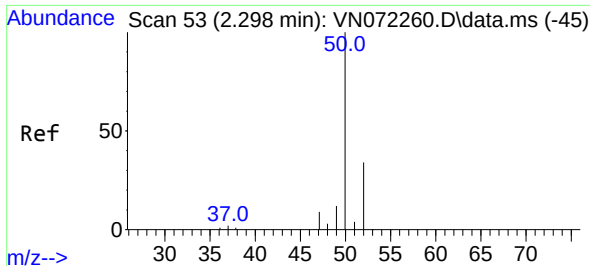


#2
Dichlorodifluoromethane
Concen: 16.644 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 85 Resp: 36664
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.1





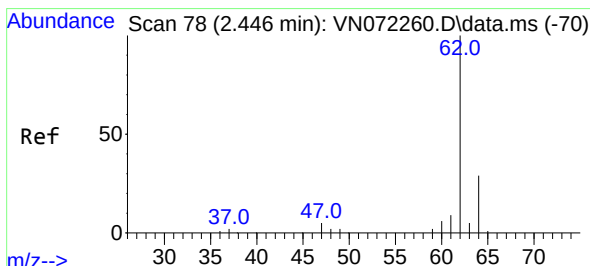
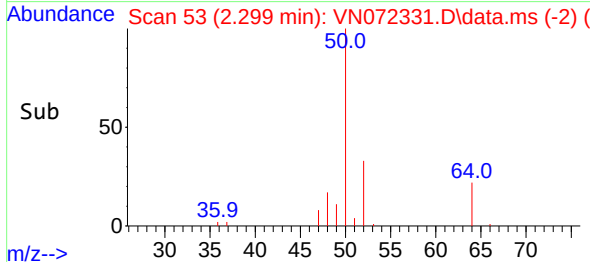
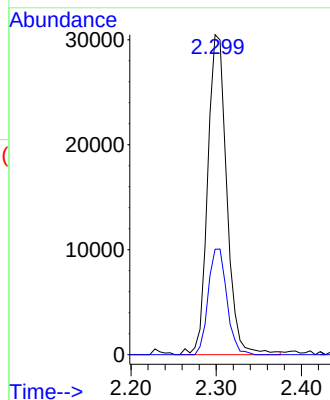
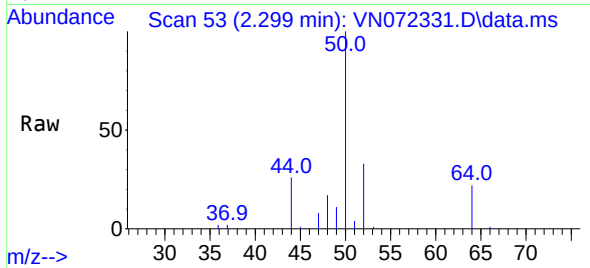
#3
Chloromethane
Concen: 18.808 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
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Tgt Ion: 50 Resp: 47410
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5

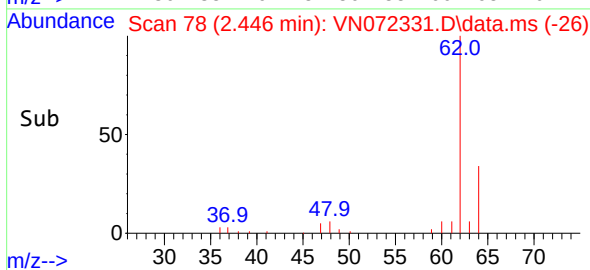
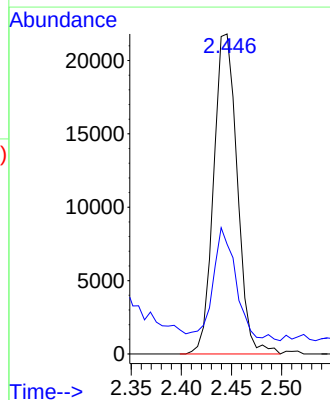
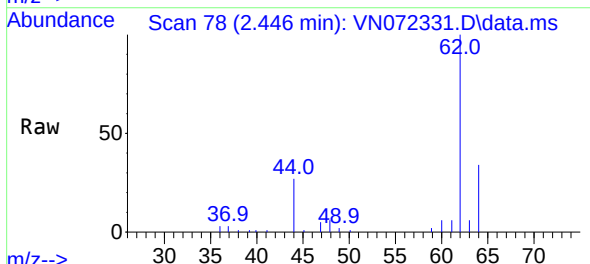
Manual Integrations
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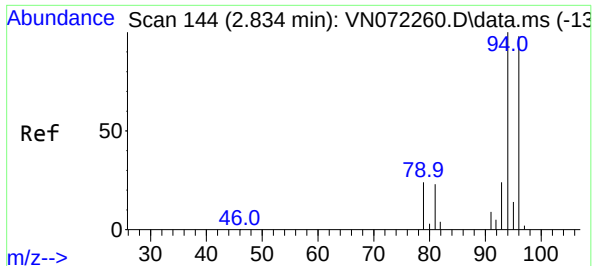
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#4
Vinyl Chloride
Concen: 16.253 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

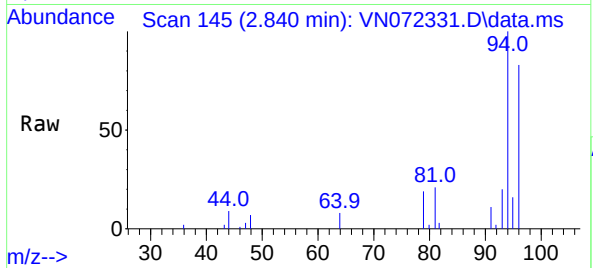
Tgt Ion: 62 Resp: 35716
Ion Ratio Lower Upper
62 100
64 30.2 25.0 37.4





#5
Bromomethane
Concen: 21.381 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

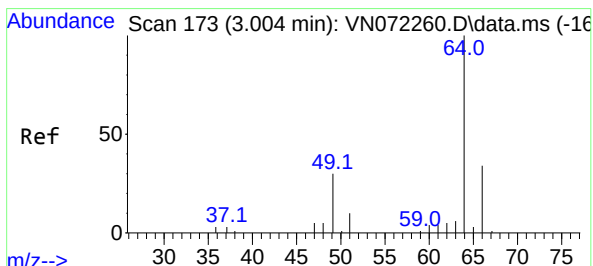
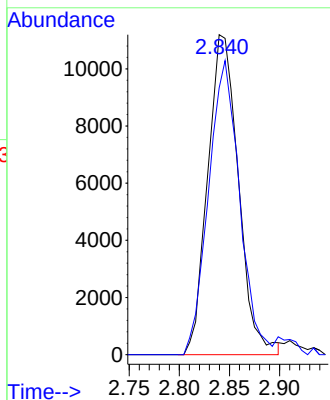
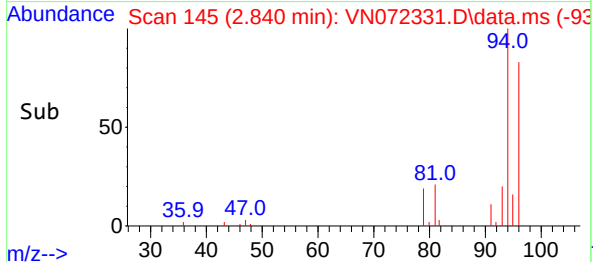
Instrument :
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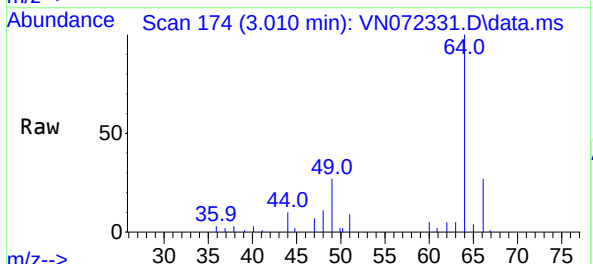
Tgt Ion: 94 Resp: 2384
Ion Ratio Lower Upper
94 100
96 83.3 76.0 114.0

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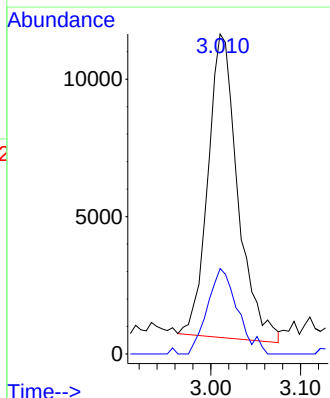
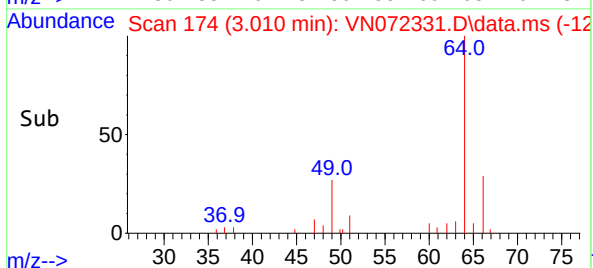
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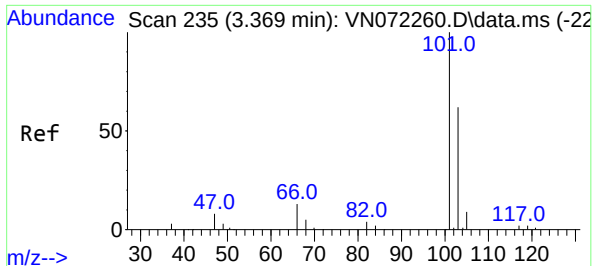


#6
Chloroethane
Concen: 19.526 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.005 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 64 Resp: 25508
Ion Ratio Lower Upper
64 100
66 28.5 26.2 39.4





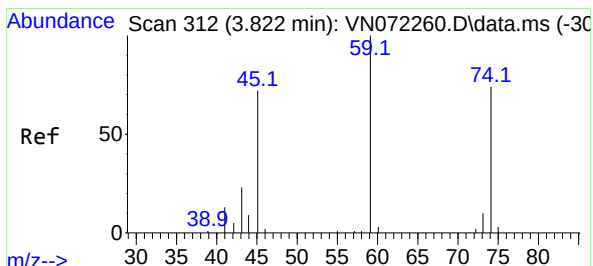
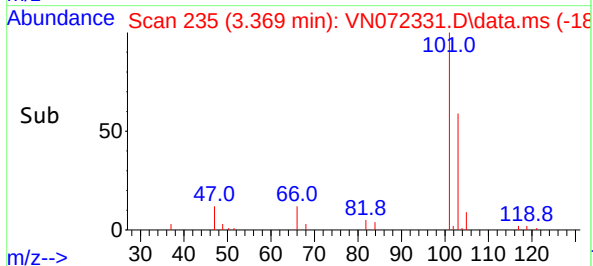
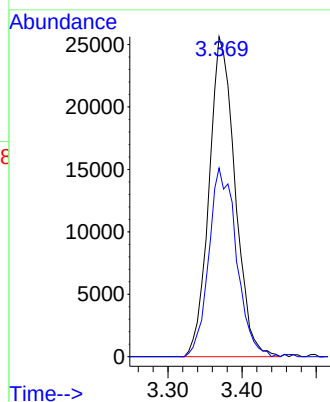
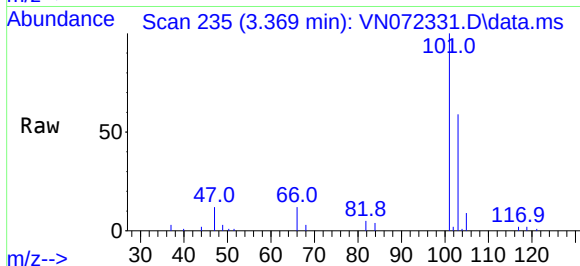
#7
Trichlorofluoromethane
Concen: 16.270 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
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ClientSampleId :
VN0504MBS01

Tgt Ion:101 Resp: 62462
Ion Ratio Lower Upper
101 100
103 58.9 51.5 77.3

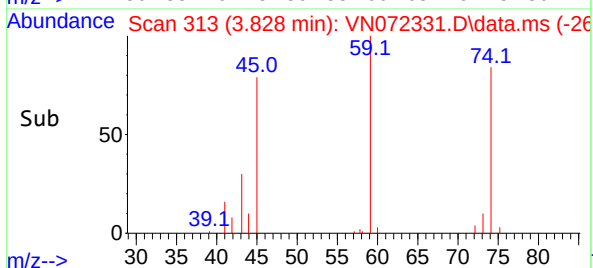
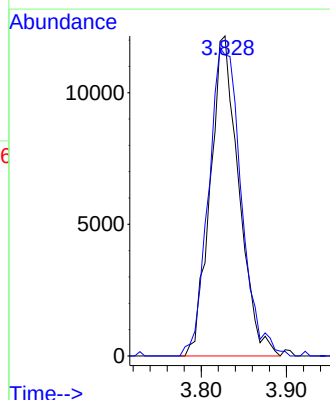
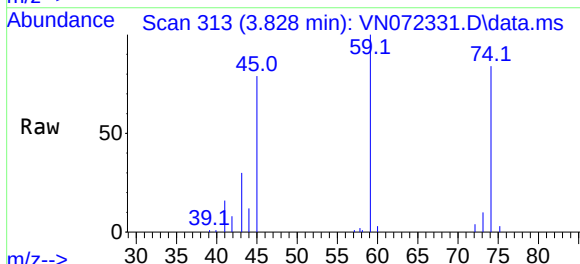
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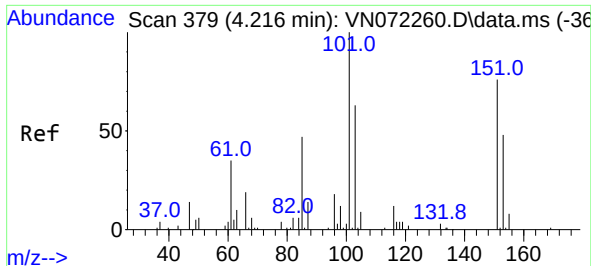
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#8
Diethyl Ether
Concen: 20.440 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Tgt Ion: 74 Resp: 28415
Ion Ratio Lower Upper
74 100
45 109.6 42.9 128.5





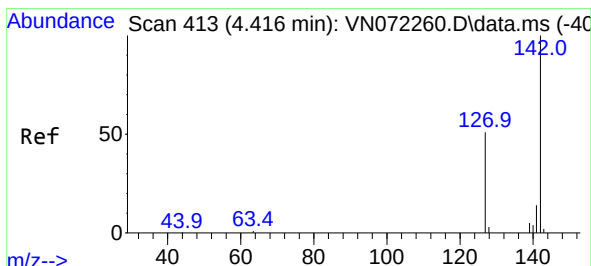
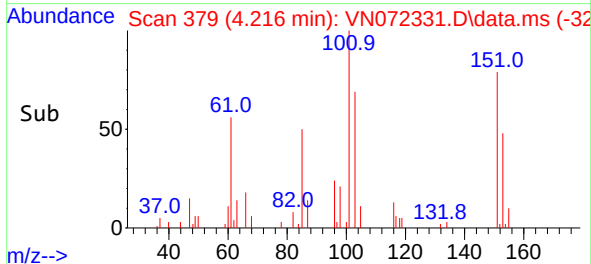
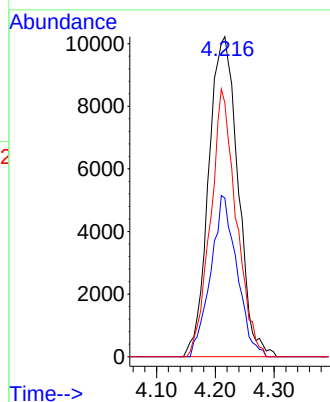
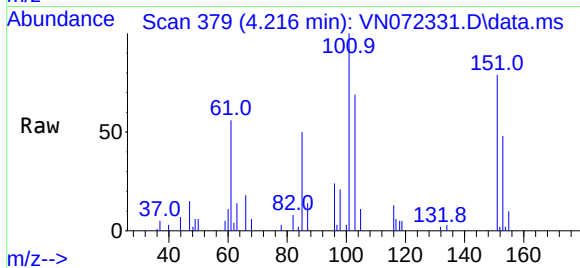
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.585 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion:101 Resp: 3546
Ion Ratio Lower Upper
101 100
85 45.0 34.7 52.1
151 73.3 63.0 94.4

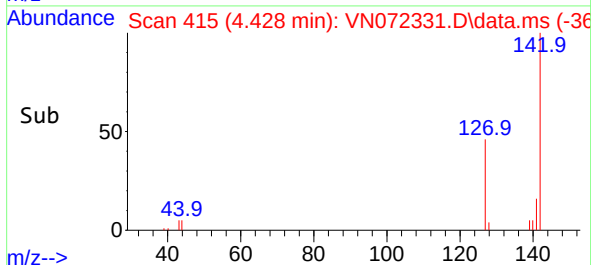
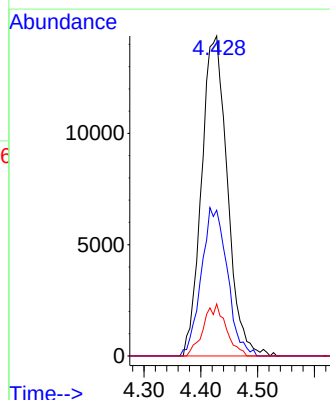
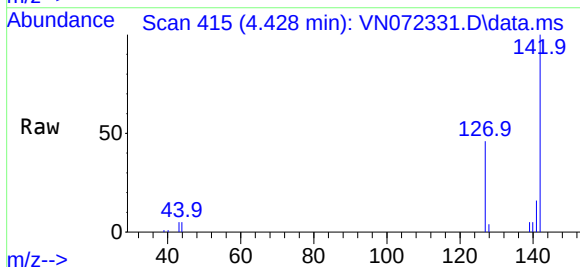
Manual Integrations
APPROVED

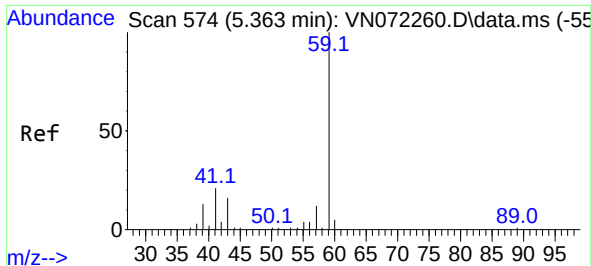
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#10
Methyl Iodide
Concen: 18.539 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

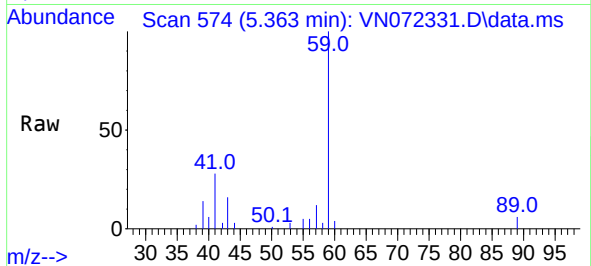
Tgt Ion:142 Resp: 45382
Ion Ratio Lower Upper
142 100
127 46.6 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 114.403 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

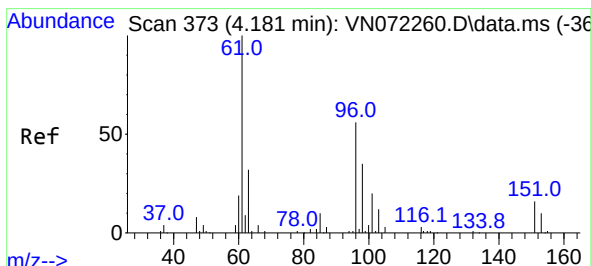
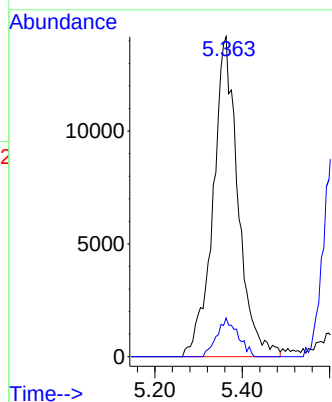
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



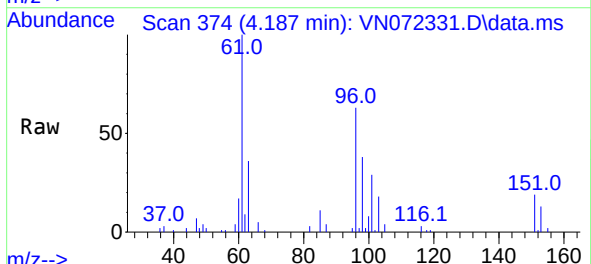
Tgt Ion: 59 Resp: 5634
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

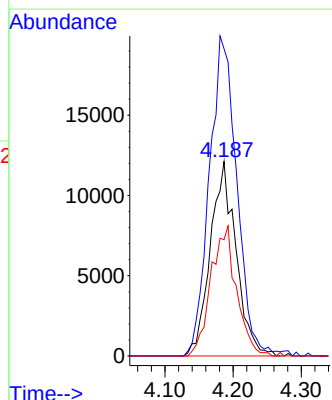
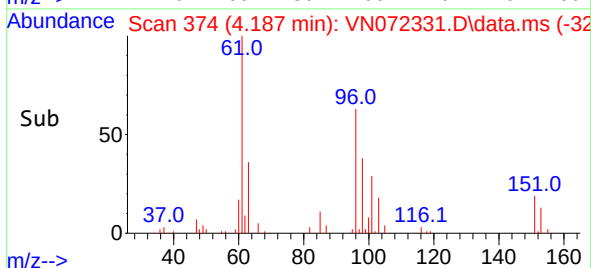
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

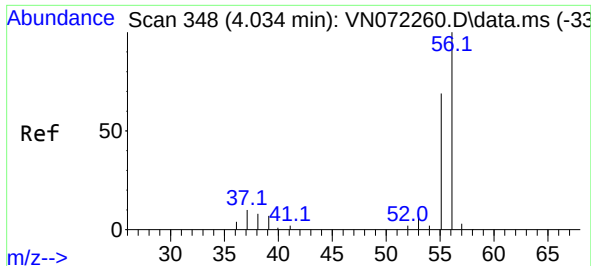


#12
1,1-Dichloroethene
Concen: 17.081 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 96 Resp: 31846
Ion Ratio Lower Upper
96 100
61 158.0 127.6 191.4
98 59.8 51.2 76.8





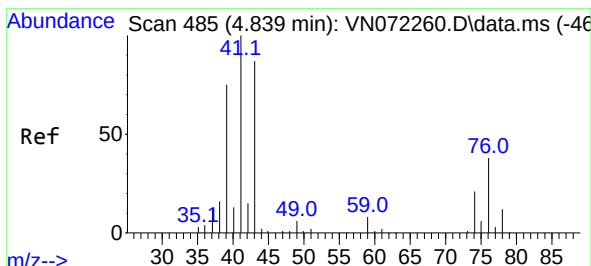
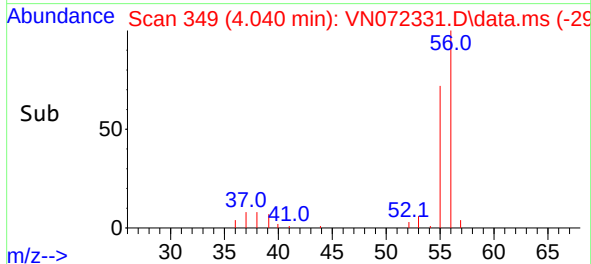
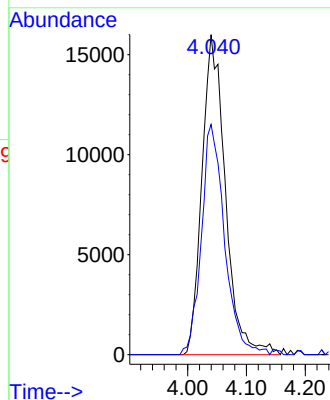
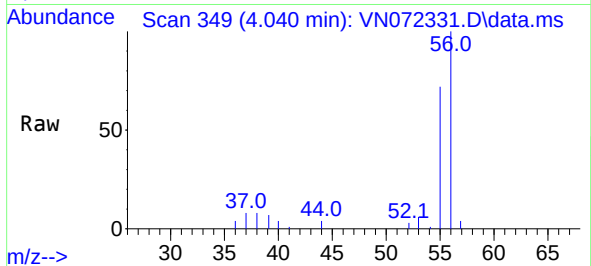
#13
Acrolein
Concen: 89.196 ug/l
RT: 4.040 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion: 56 Resp: 44208
Ion Ratio Lower Upper
56 100
55 71.3 54.8 82.2

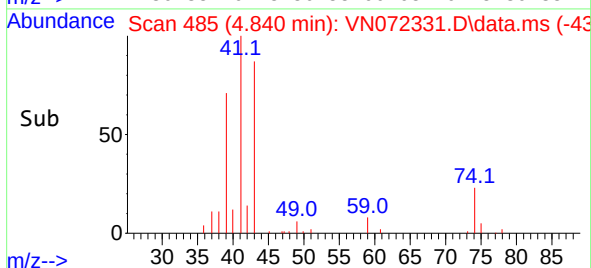
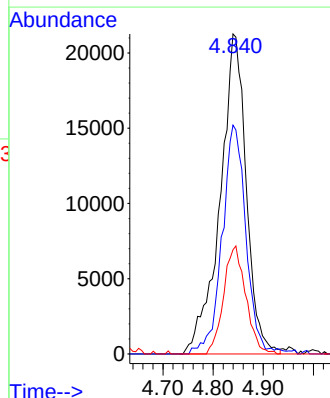
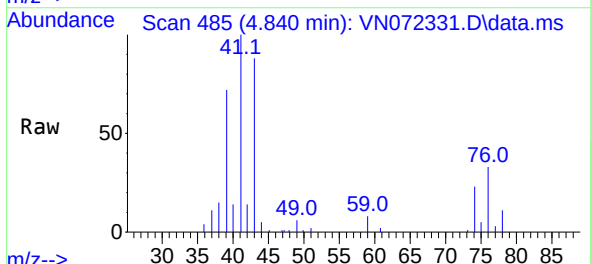
Manual Integrations
APPROVED

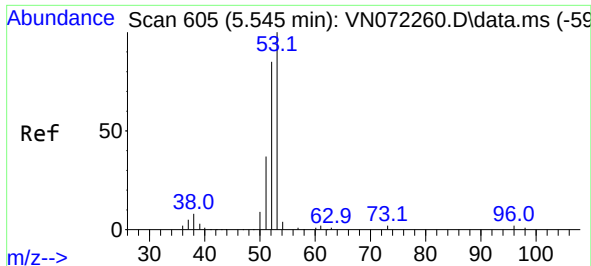
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#14
Allyl chloride
Concen: 19.973 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

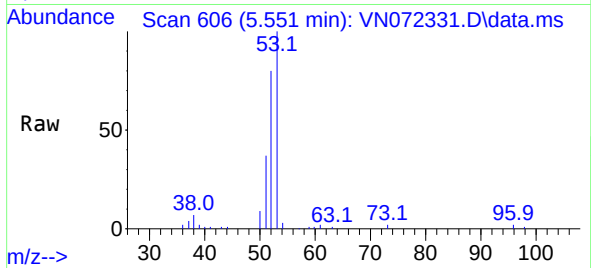
Tgt Ion: 41 Resp: 77318
Ion Ratio Lower Upper
41 100
39 64.9 53.2 79.8
76 28.6 29.9 44.9





#15
Acrylonitrile
Concen: 109.225 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

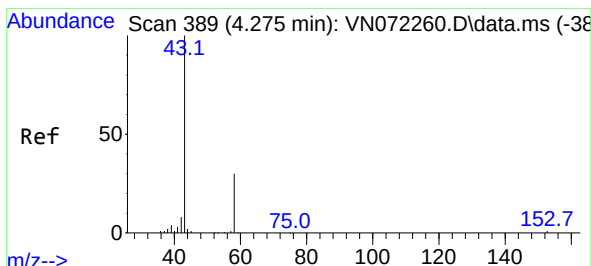
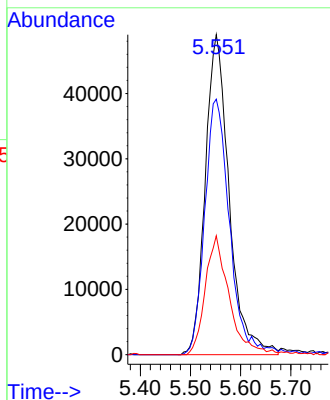
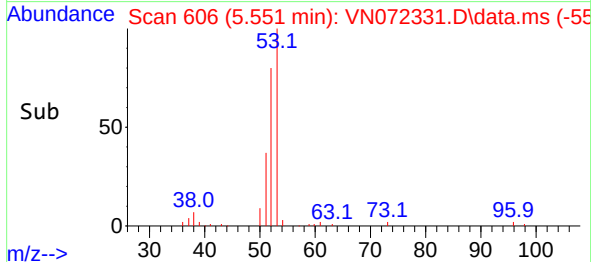
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



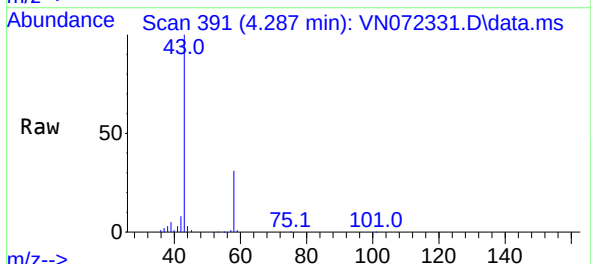
Tgt Ion: 53 Resp: 162329
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 37.1 28.5 42.7

Manual Integrations
APPROVED

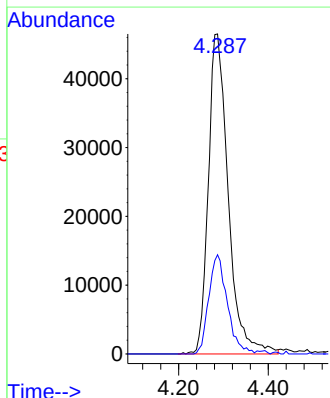
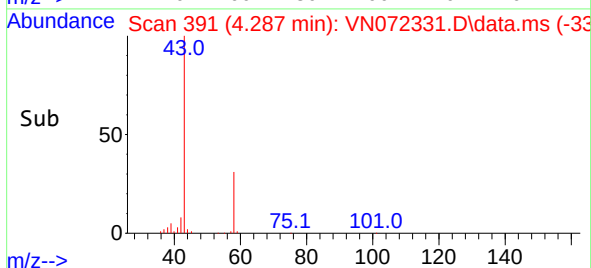
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

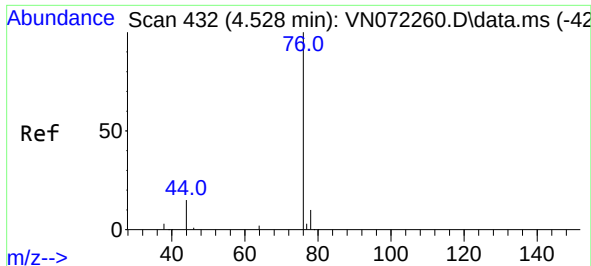


#16
Acetone
Concen: 110.749 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



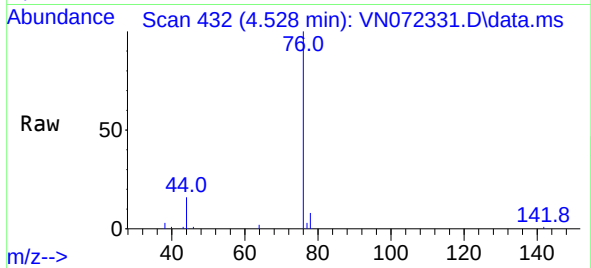
Tgt Ion: 43 Resp: 143098
Ion Ratio Lower Upper
43 100
58 31.0 26.0 39.0





#17
Carbon Disulfide
Concen: 16.866 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

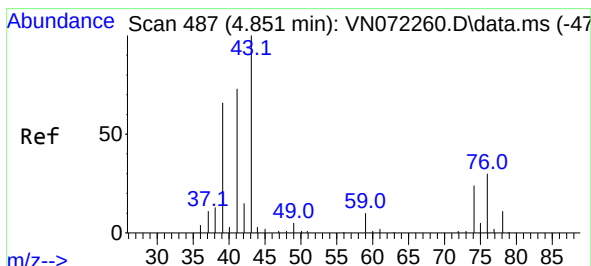
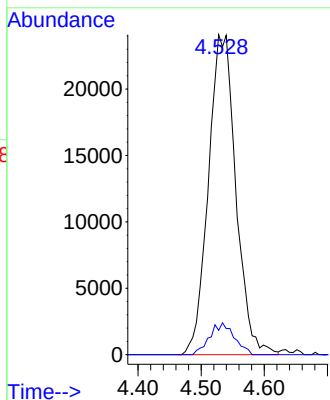
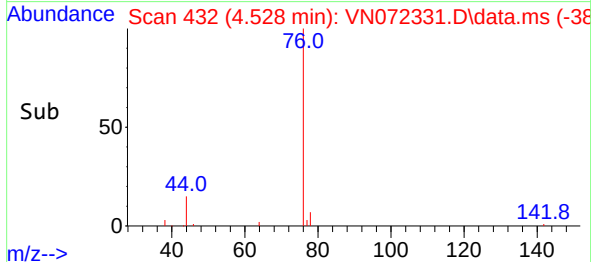
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



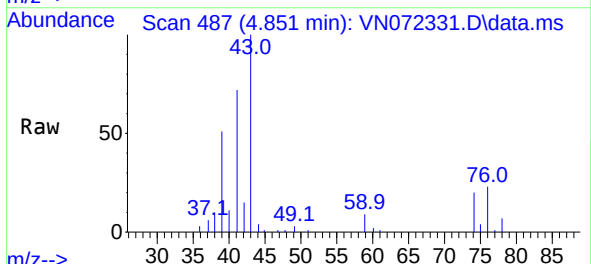
Tgt Ion: 76 Resp: 7292
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8

Manual Integrations
APPROVED

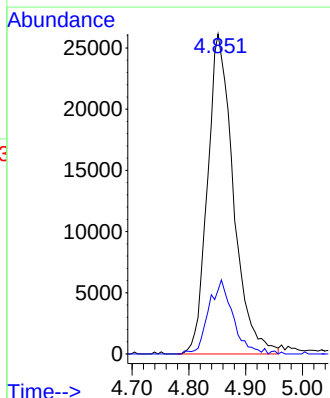
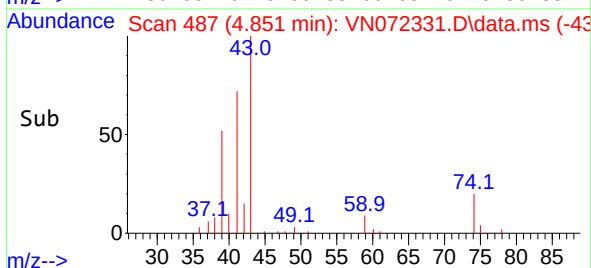
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

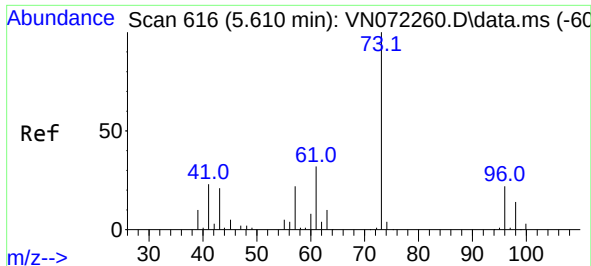


#18
Methyl Acetate
Concen: 22.825 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



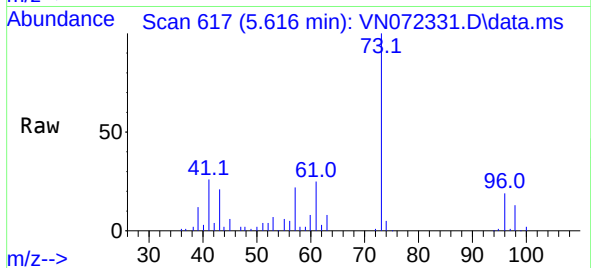
Tgt Ion: 43 Resp: 82525
Ion Ratio Lower Upper
43 100
74 21.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 22.079 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

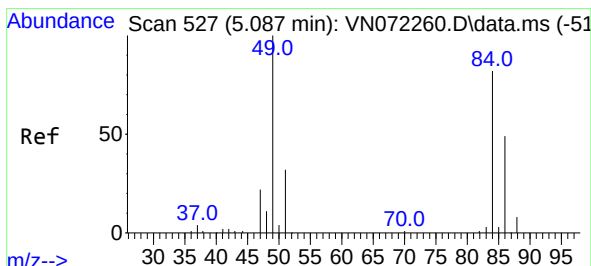
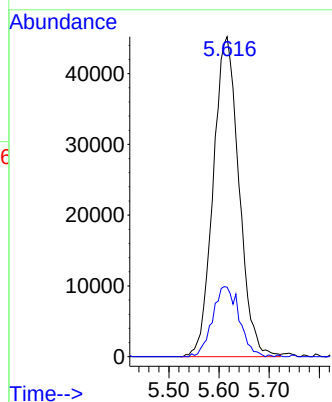
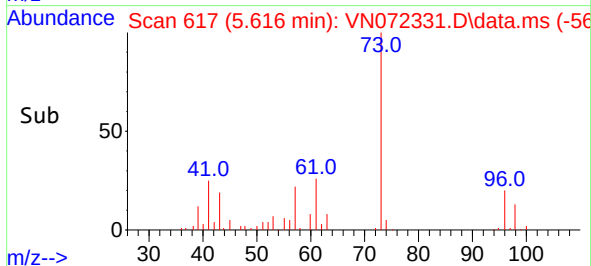
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



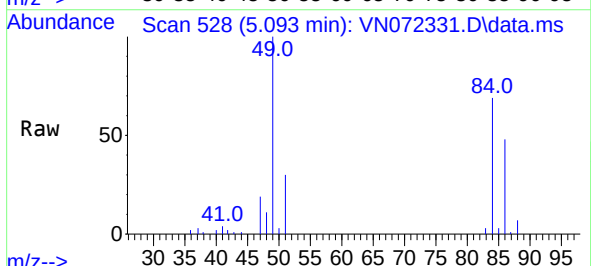
Tgt Ion: 73 Resp: 161360
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

Manual Integrations
APPROVED

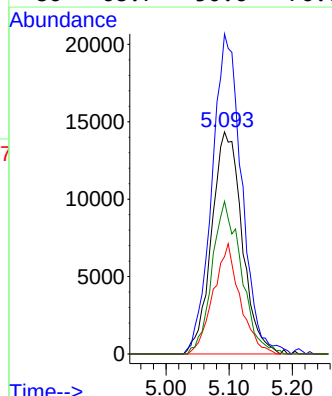
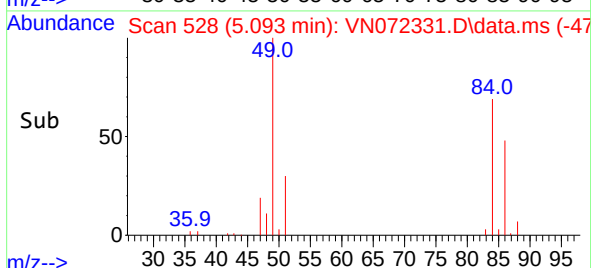
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

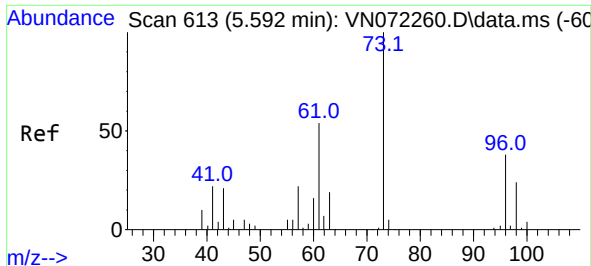


#20
Methylene Chloride
Concen: 19.380 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



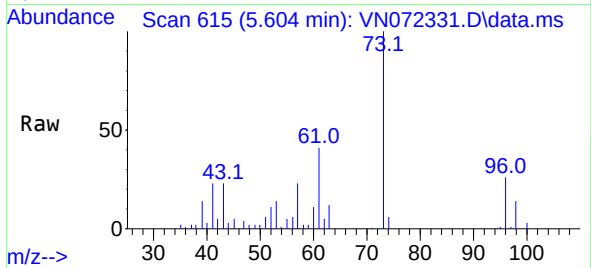
Tgt Ion: 84 Resp: 47998
Ion Ratio Lower Upper
84 100
49 144.1 88.3 132.5#
51 43.8 28.2 42.2#
86 68.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.972 ug/l
RT: 5.604 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

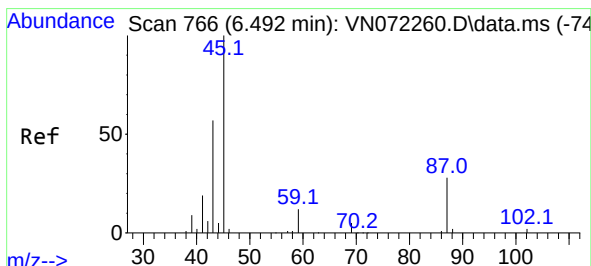
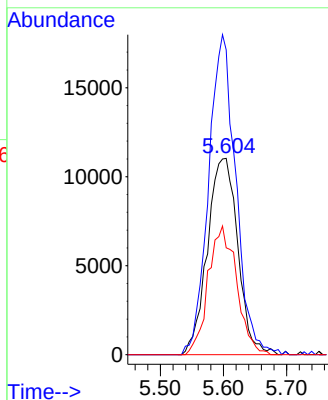
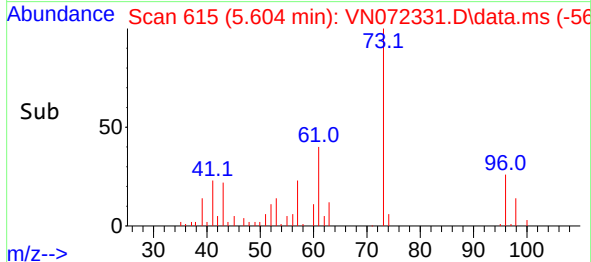
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



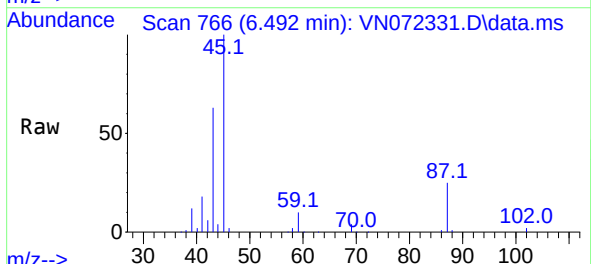
Tgt Ion: 96 Resp: 36949
Ion Ratio Lower Upper
96 100
61 155.2 105.8 158.8
98 54.5 50.3 75.5

Manual Integrations
APPROVED

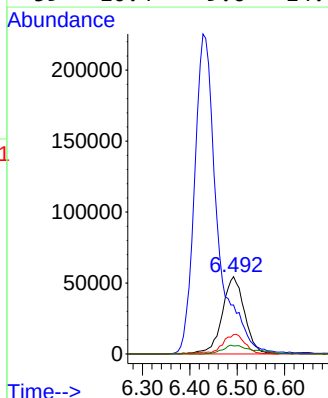
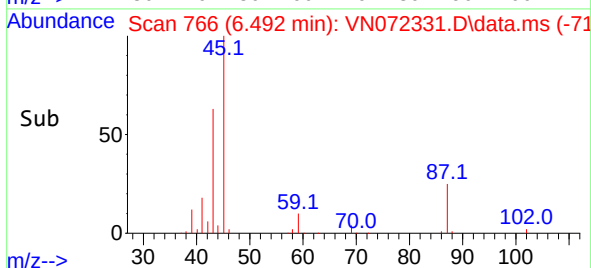
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

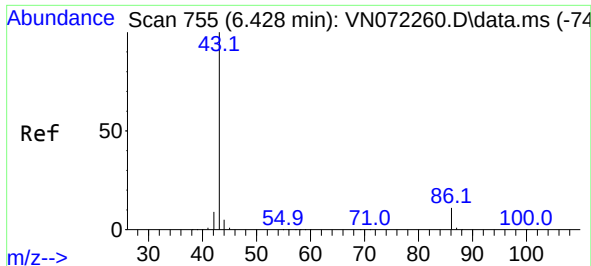


#22
Diisopropyl ether
Concen: 22.357 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



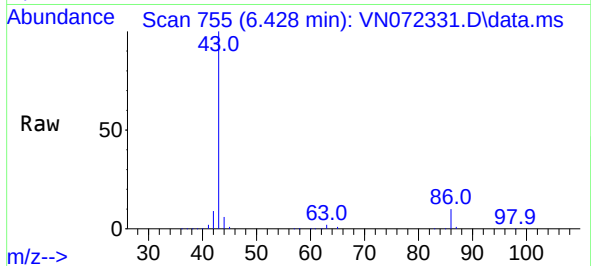
Tgt Ion: 45 Resp: 178270
Ion Ratio Lower Upper
45 100
43 61.0 46.6 70.0
87 24.9 24.3 36.5
59 10.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 112.968 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072331.D
 Acq: 04 May 2022 16:26

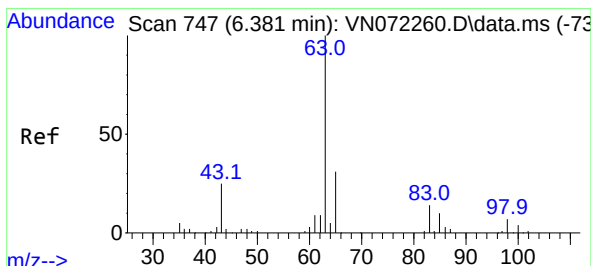
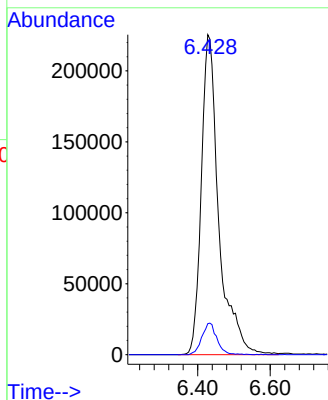
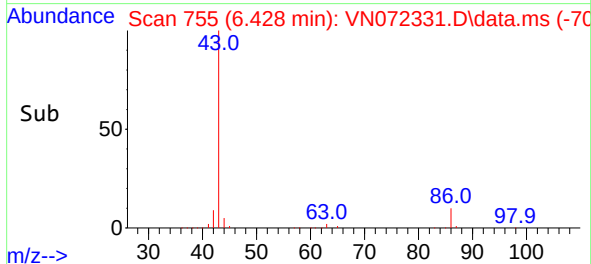
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504MBSD01



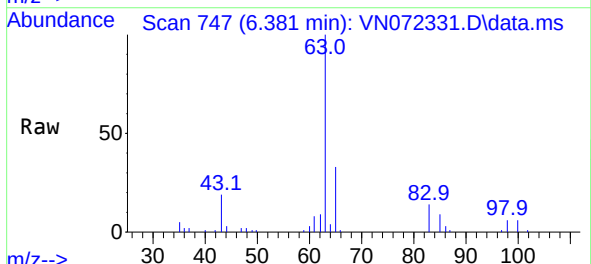
Tgt Ion: 43 Resp: 756507
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0

Manual Integrations
 APPROVED

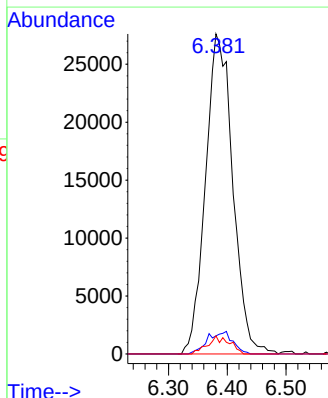
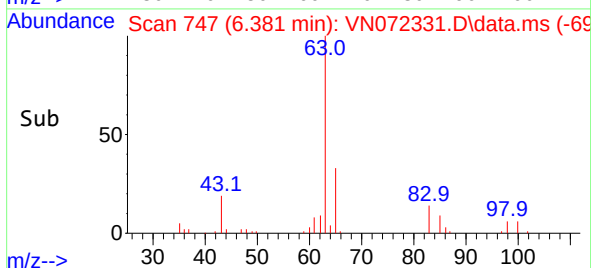
Reviewed By :John Carlone 05/05/2022
 Supervised By :Mahesh Dadoda 05/05/2022

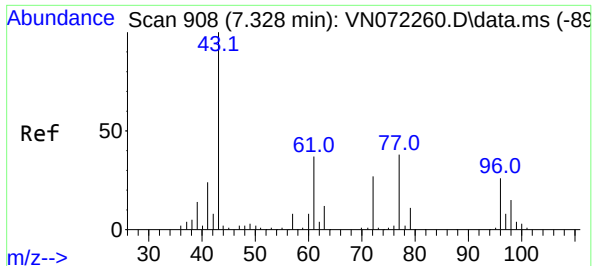


#24
 1,1-Dichloroethane
 Concen: 19.938 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072331.D
 Acq: 04 May 2022 16:26



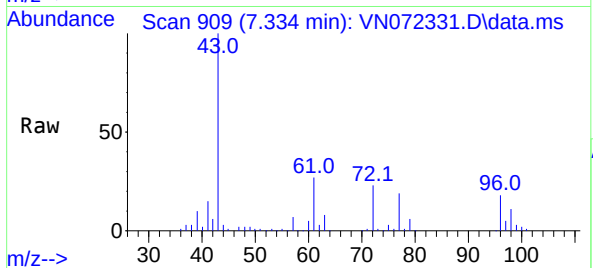
Tgt Ion: 63 Resp: 88927
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.4
 100 5.7 2.3 6.8





#25
2-Butanone
Concen: 112.910 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

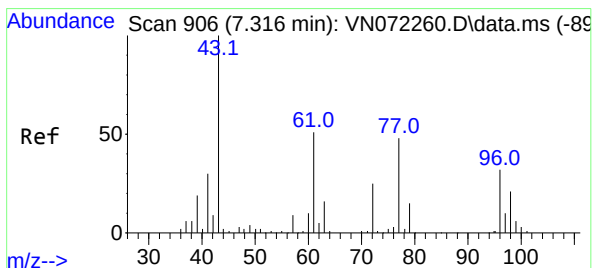
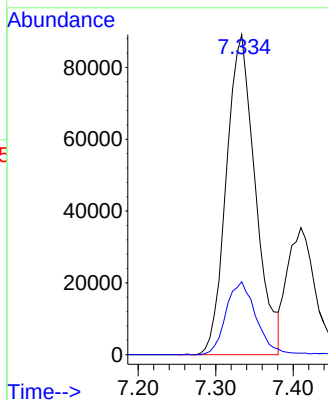
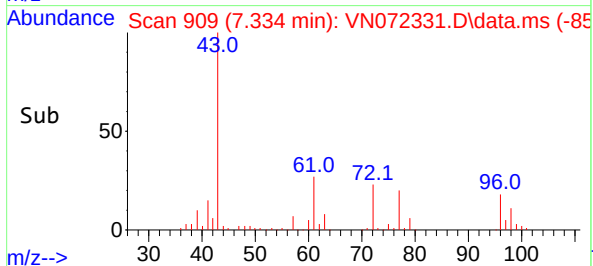
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



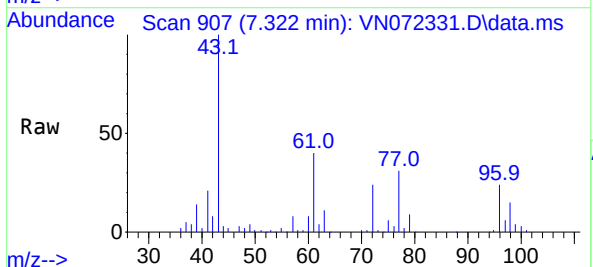
Tgt Ion: 43 Resp: 232339
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5

Manual Integrations
APPROVED

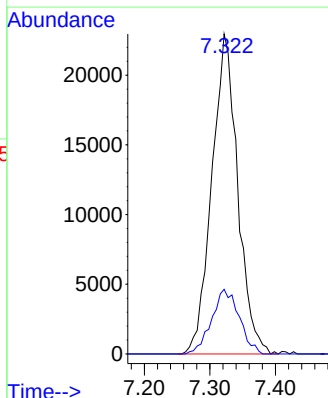
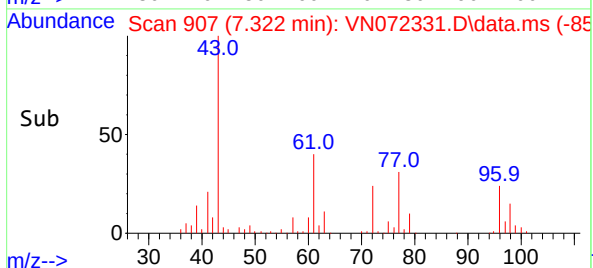
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

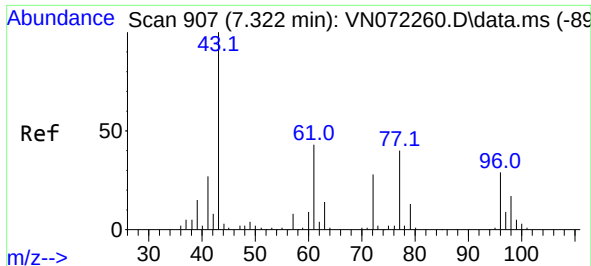


#26
2,2-Dichloropropane
Concen: 18.043 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 77 Resp: 62862
Ion Ratio Lower Upper
77 100
97 21.5 11.4 34.2





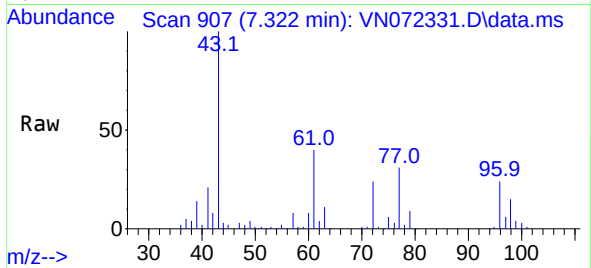
#27
cis-1,2-Dichloroethene
Concen: 19.704 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

VN0504MBS01

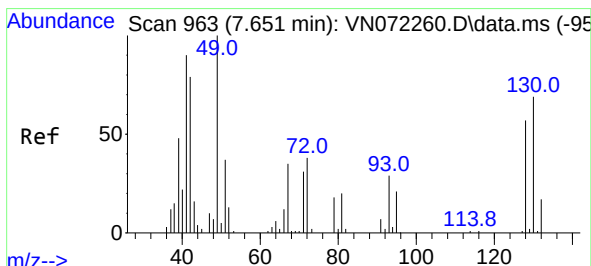
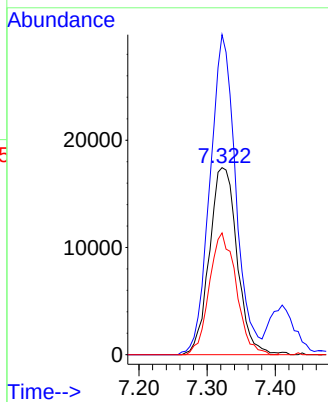
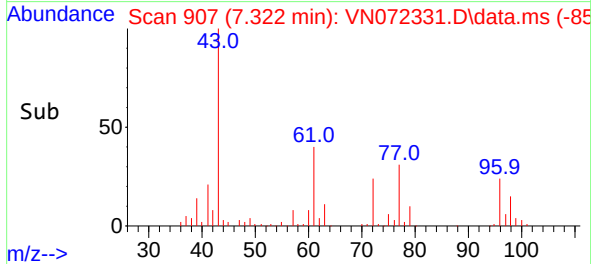


Tgt Ion: 96 Resp: 49380
Ion Ratio Lower Upper
96 100
61 159.3 0.0 280.6
98 63.2 0.0 128.4

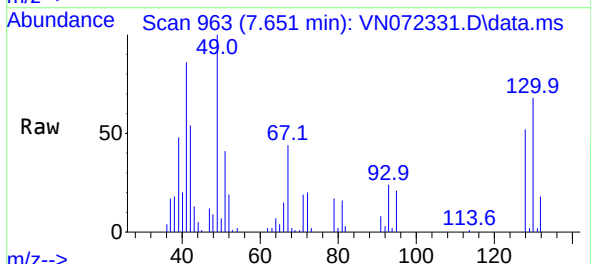
Manual Integrations

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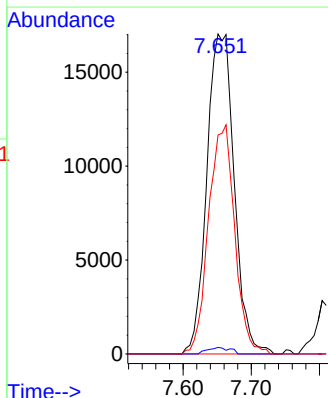
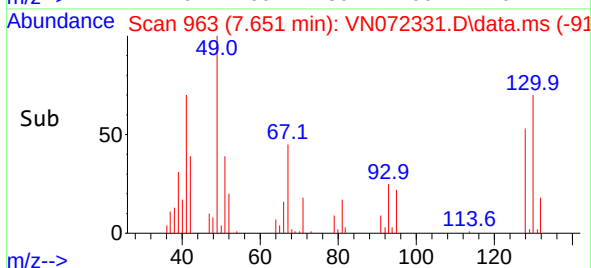
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

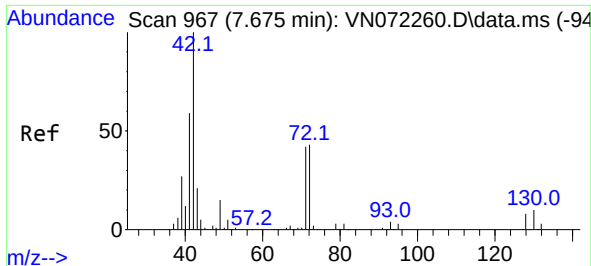


#28
Bromochloromethane
Concen: 23.859 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 49 Resp: 47649
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 68.4 69.7 104.5#





#29

Tetrahydrofuran

Concen: 115.241 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072331.D

Acq: 04 May 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

VN0504MBS01

Tgt Ion: 42 Resp: 15562

Ion Ratio Lower Upper

42 100

72 38.9 39.7 59.5

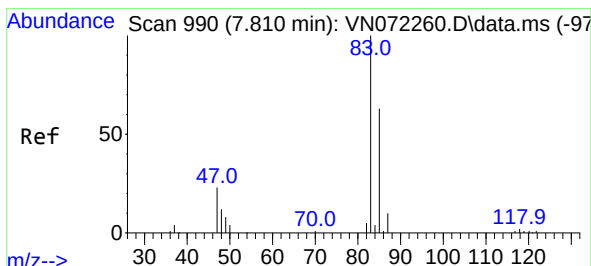
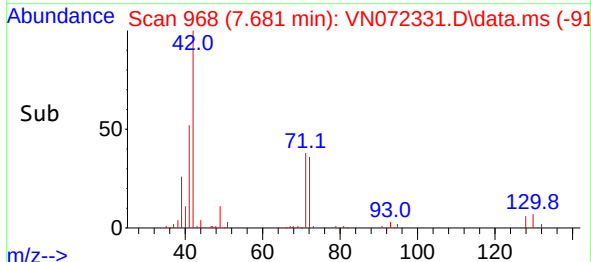
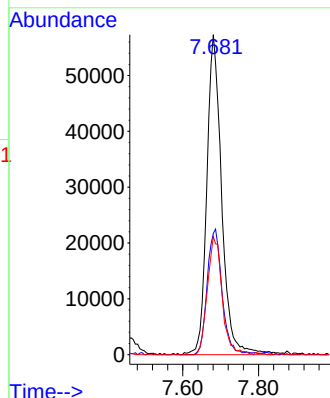
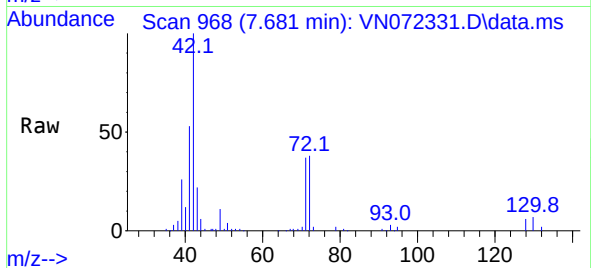
71 36.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#30

Chloroform

Concen: 20.369 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072331.D

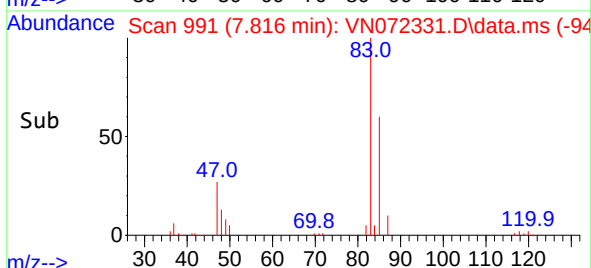
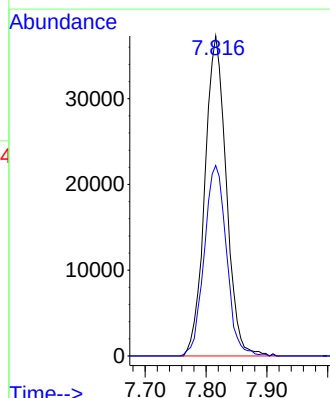
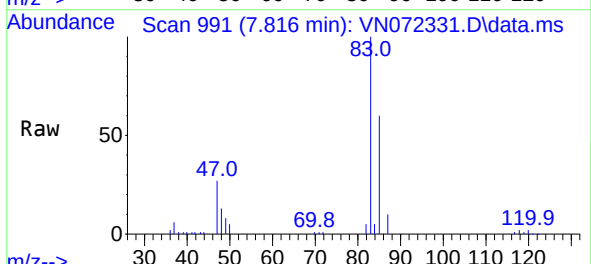
Acq: 04 May 2022 16:26

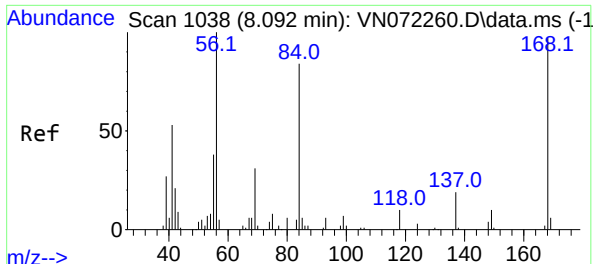
Tgt Ion: 83 Resp: 91217

Ion Ratio Lower Upper

83 100

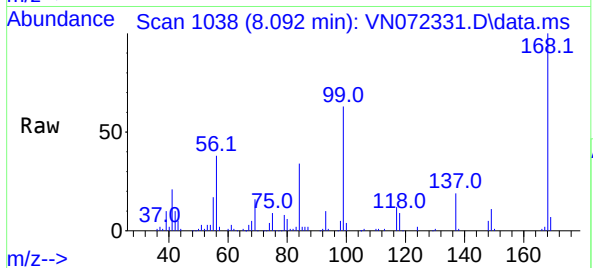
85 59.5 51.8 77.8





#31
Cyclohexane
Concen: 16.452 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

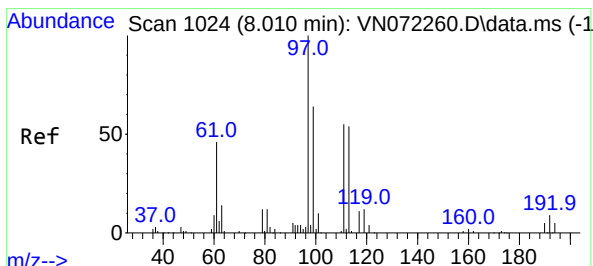
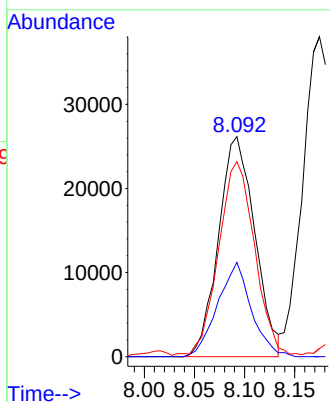
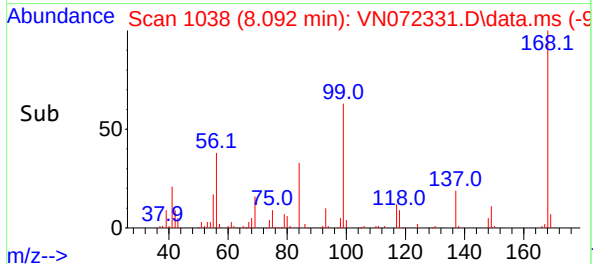
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



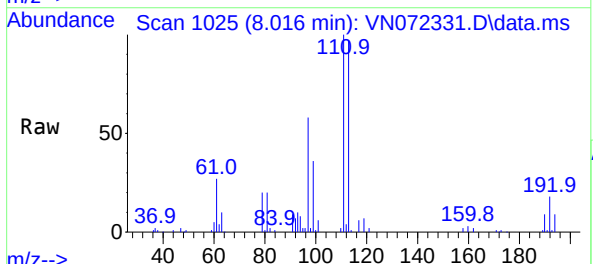
Tgt Ion: 56 Resp: 65879
Ion Ratio Lower Upper
56 100
69 42.8 27.8 41.8
84 87.3 76.9 115.3

Manual Integrations
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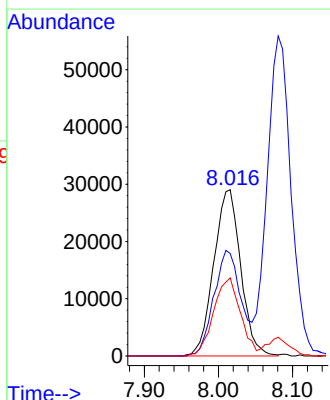
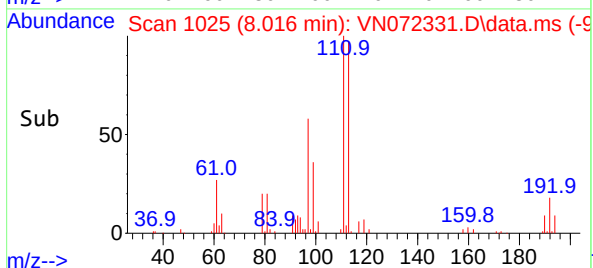
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

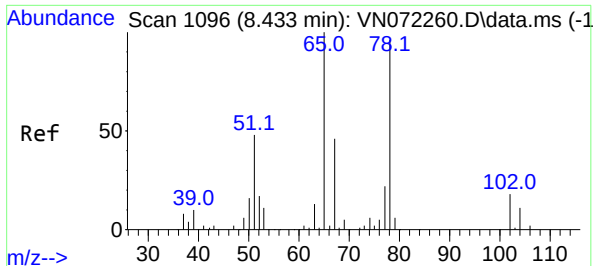


#32
1,1,1-Trichloroethane
Concen: 19.259 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 97 Resp: 73395
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 46.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 55.205 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072331.D

Acq: 04 May 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

VN0504MBS01

Tgt Ion: 65 Resp: 16544

Ion Ratio Lower Upper

65 100

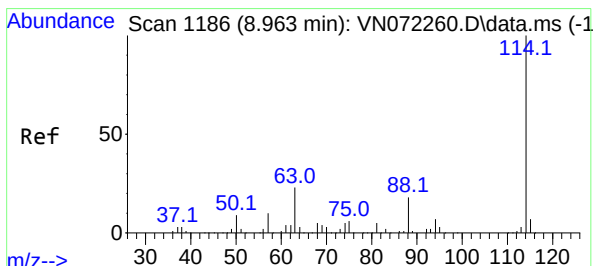
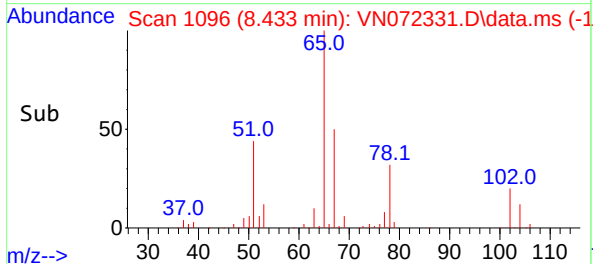
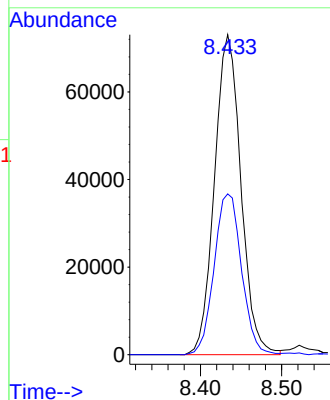
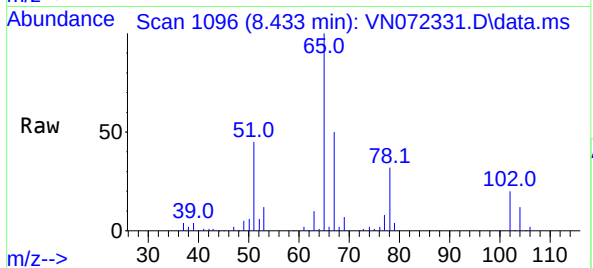
67 52.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072331.D

Acq: 04 May 2022 16:26

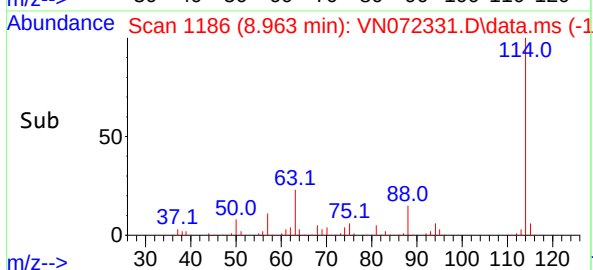
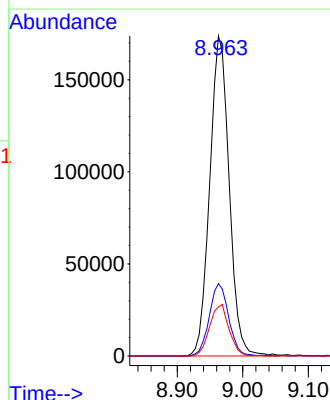
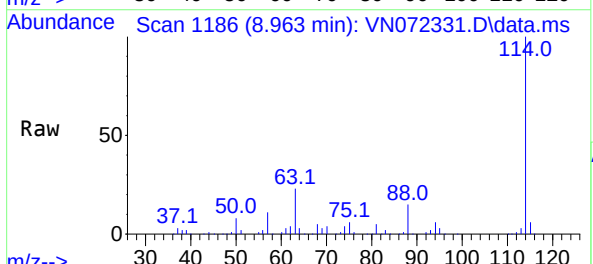
Tgt Ion:114 Resp: 357670

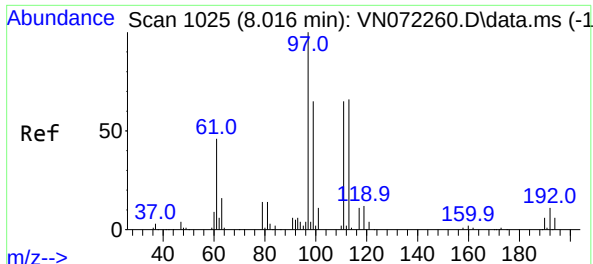
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

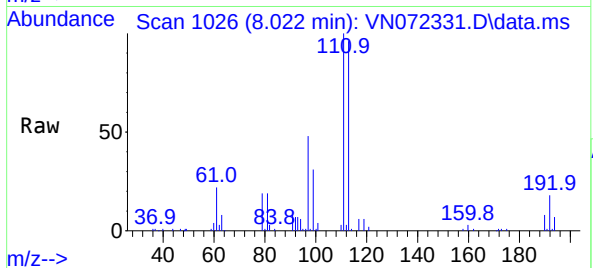
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.979 ug/l
RT: 8.022 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

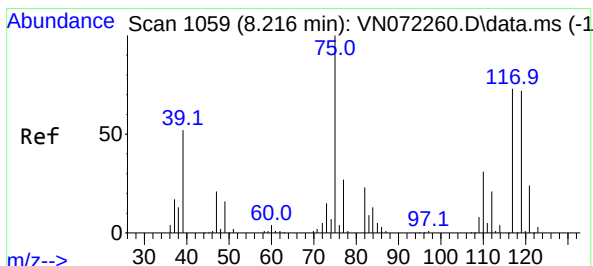
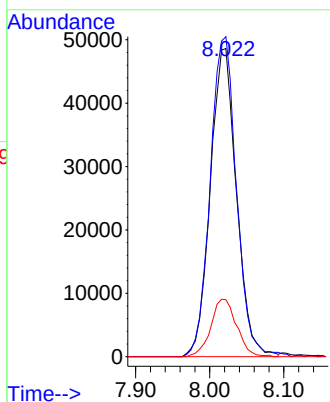
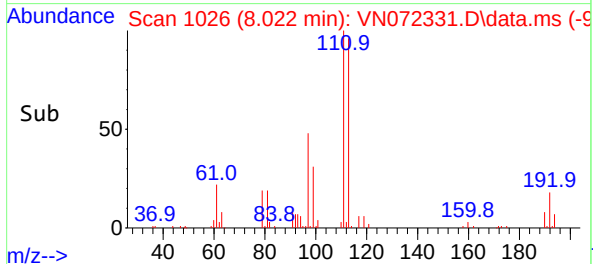
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



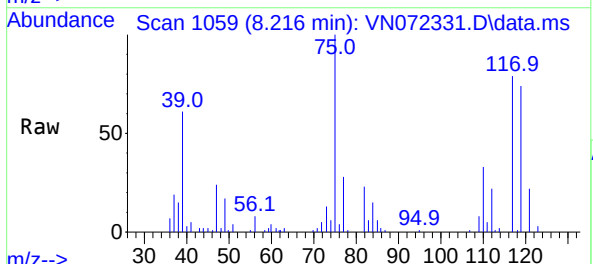
Tgt Ion: 113 Resp: 11899
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 18.5 17.0 25.6

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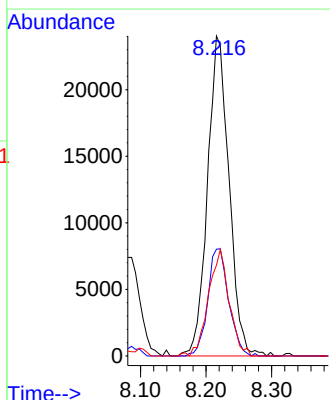
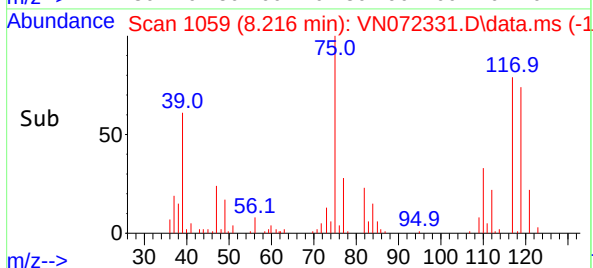
Reviewed By : John Carlone 05/05/2022
Supervised By : Mahesh Dadoda 05/05/2022

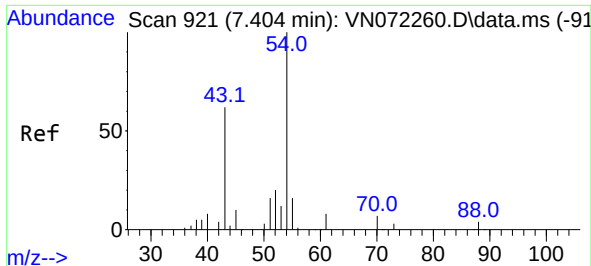


#36
1,1-Dichloropropene
Concen: 16.443 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



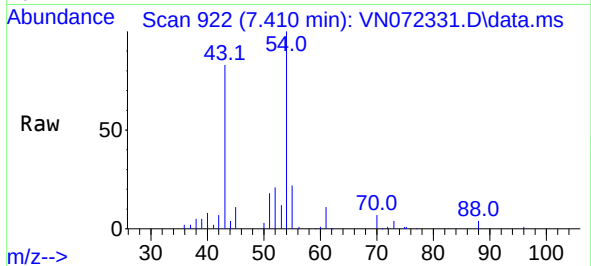
Tgt Ion: 75 Resp: 54793
Ion Ratio Lower Upper
75 100
110 32.6 18.3 54.8
77 32.1 25.1 37.7





#37
Ethyl Acetate
Concen: 20.948 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

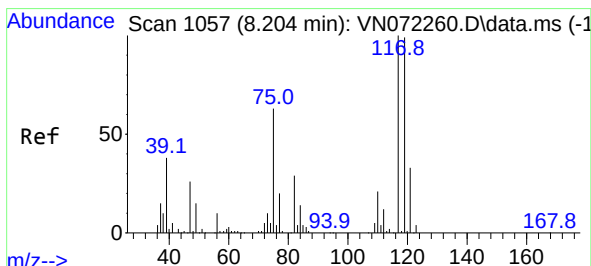
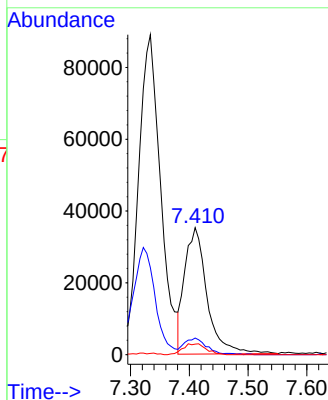
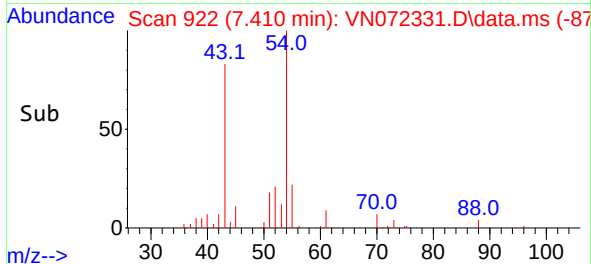
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBSD01



Tgt Ion: 43 Resp: 9269
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 9.0 9.3 13.9

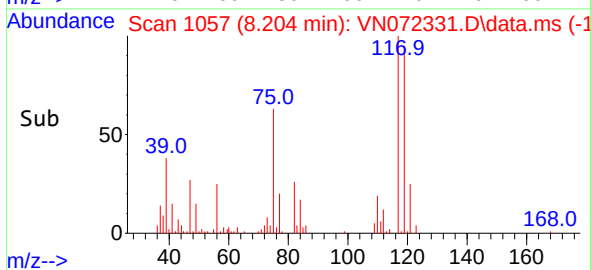
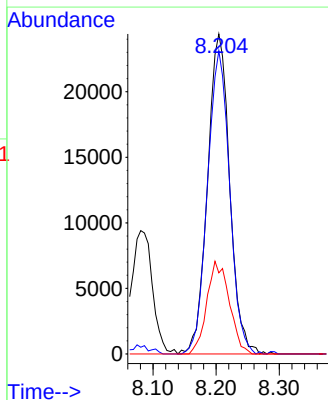
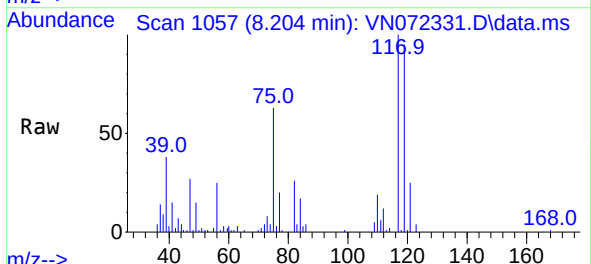
Manual Integrations
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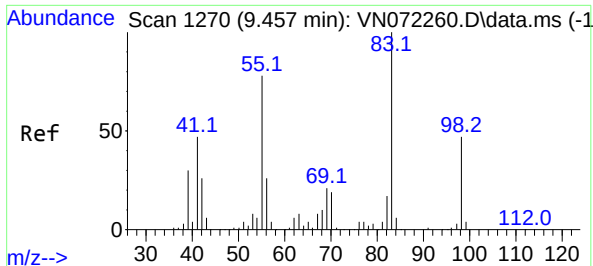
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#38
Carbon Tetrachloride
Concen: 16.692 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Tgt Ion:117 Resp: 59572
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 25.4 24.6 37.0





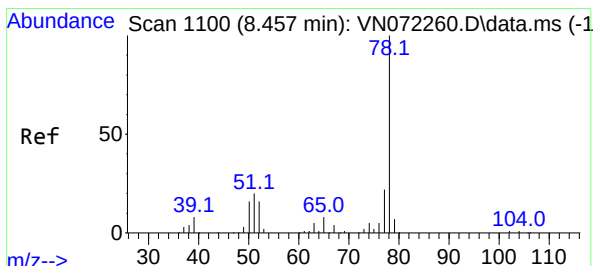
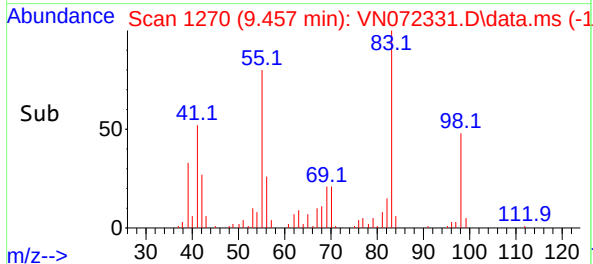
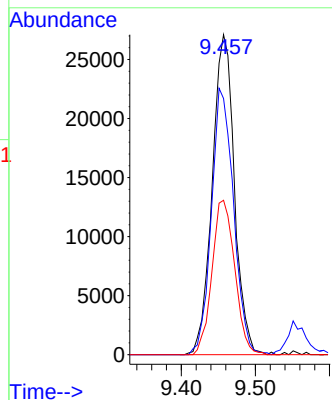
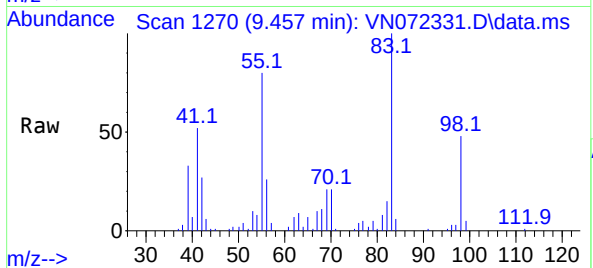
#39
Methylcyclohexane
Concen: 15.112 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBSD01

Tgt Ion: 83 Resp: 5632
Ion Ratio Lower Upper
83 100
55 80.0 57.8 86.8
98 48.3 39.4 59.2

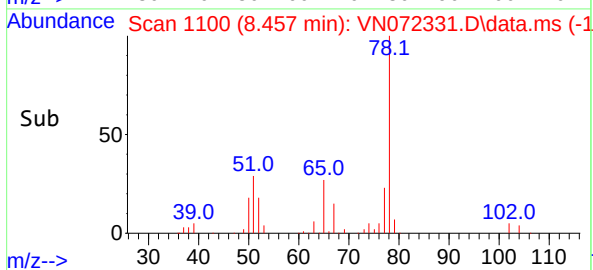
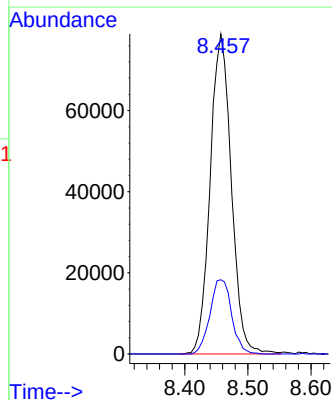
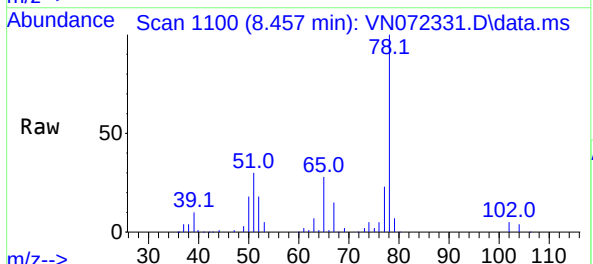
Manual Integrations
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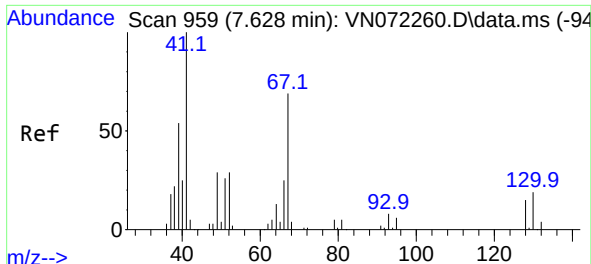
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#40
Benzene
Concen: 17.766 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

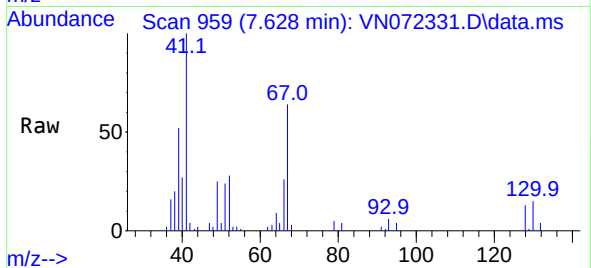
Tgt Ion: 78 Resp: 183628
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0





#41
Methacrylonitrile
Concen: 20.929 ug/l
RT: 7.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

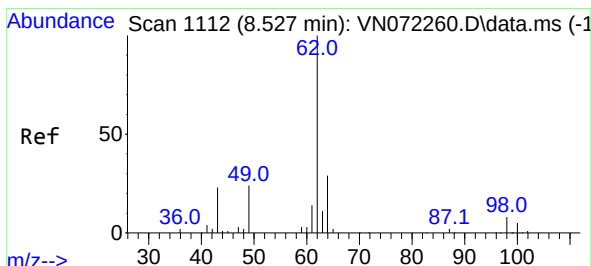
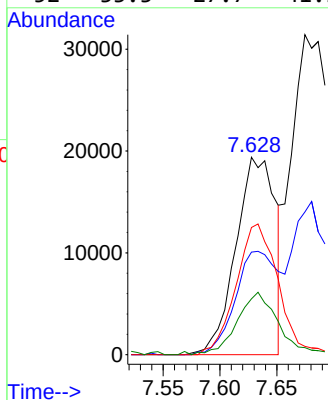
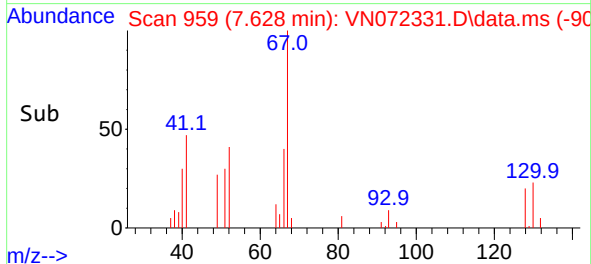
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



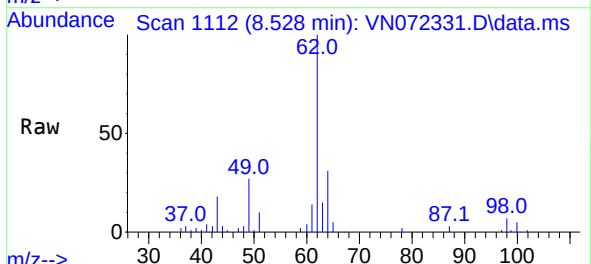
Tgt Ion: 41 Resp: 4685
Ion Ratio Lower Upper
41 100
39 60.1 48.6 73.0
67 70.7 73.4 110.2
52 33.3 27.7 41.5

Manual Integrations
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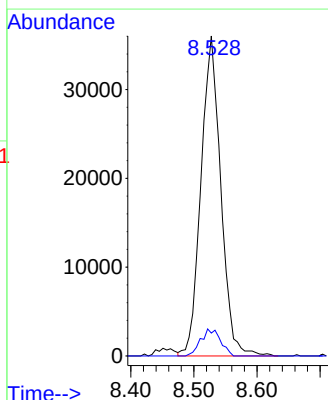
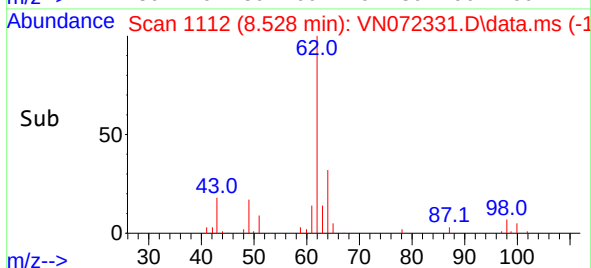
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

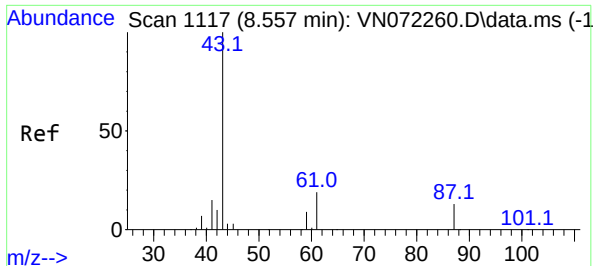


#42
1,2-Dichloroethane
Concen: 19.845 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



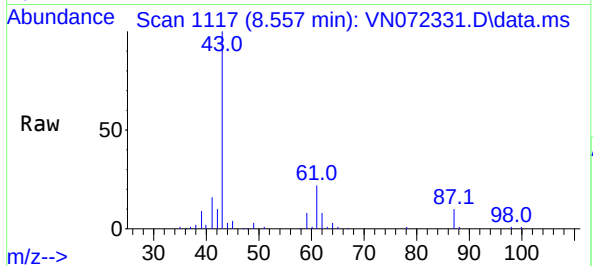
Tgt Ion: 62 Resp: 78526
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.712 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

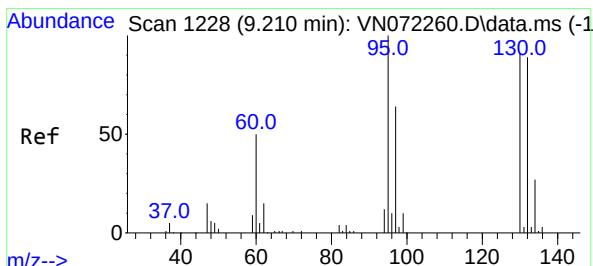
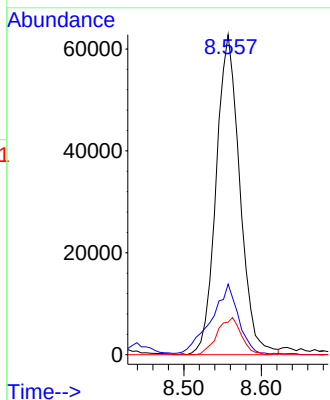
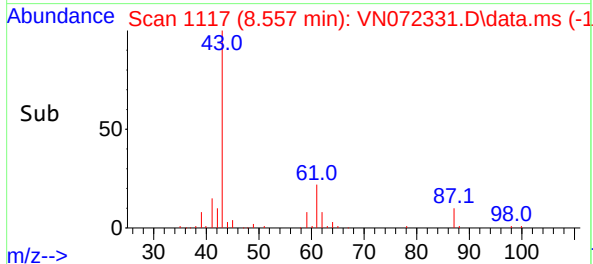
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



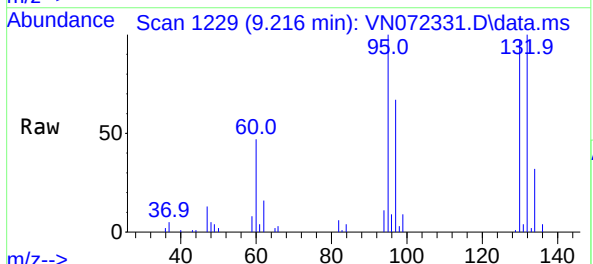
Tgt Ion: 43 Resp: 133534
Ion Ratio Lower Upper
43 100
61 25.0 21.9 32.9
87 11.7 12.0 18.0

Manual Integrations
APPROVED

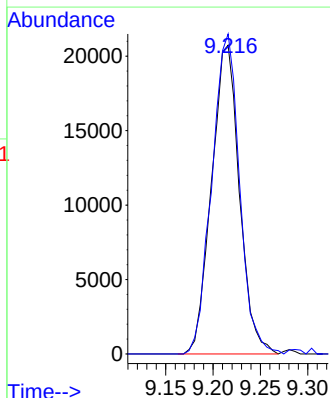
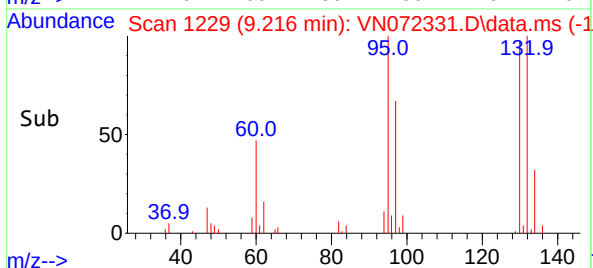
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

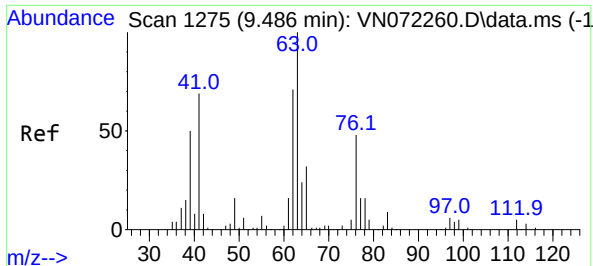


#44
Trichloroethene
Concen: 17.674 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion:130 Resp: 42494
Ion Ratio Lower Upper
130 100
95 103.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.464 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072331.D

Acq: 04 May 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

VN0504MBS01

Tgt Ion: 63 Resp: 5436

Ion Ratio Lower Upper

63 100

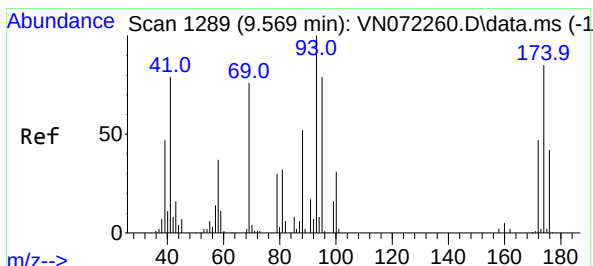
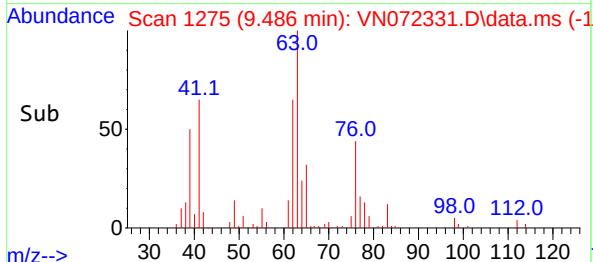
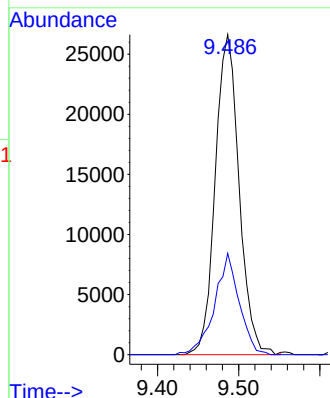
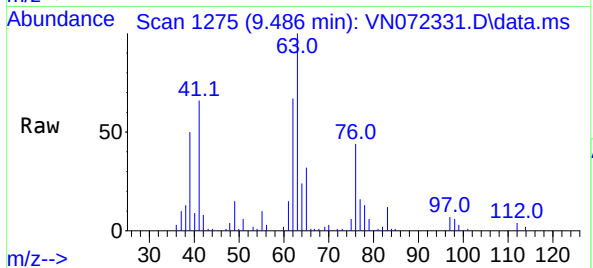
65 31.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#46

Dibromomethane

Concen: 20.150 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072331.D

Acq: 04 May 2022 16:26

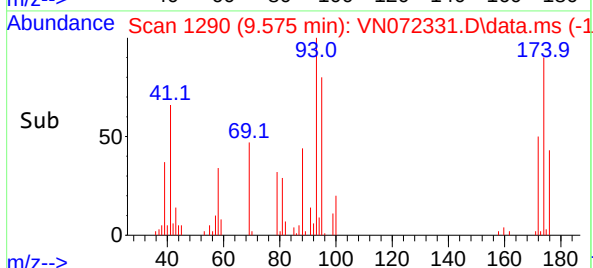
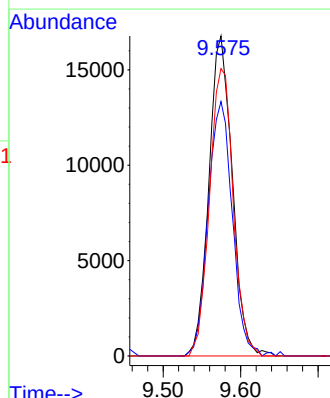
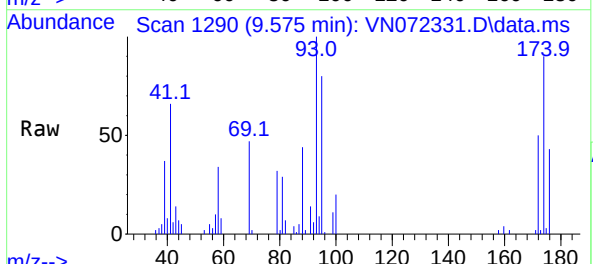
Tgt Ion: 93 Resp: 35254

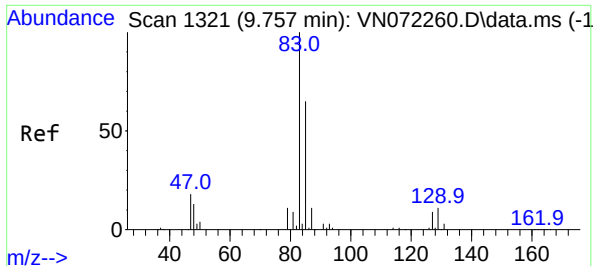
Ion Ratio Lower Upper

93 100

95 82.0 66.9 100.3

174 90.9 86.6 130.0





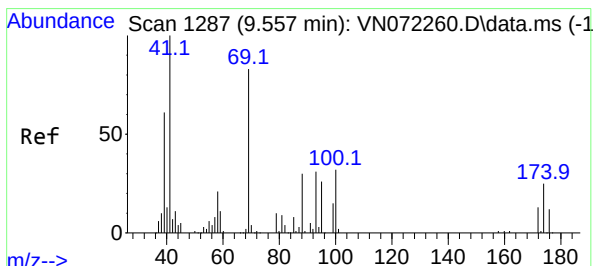
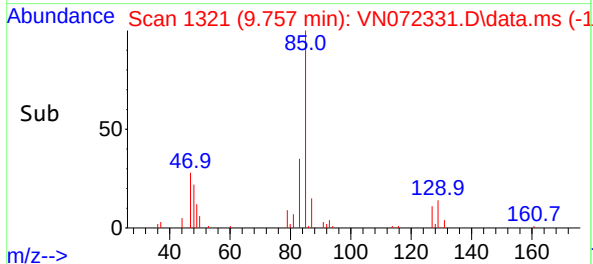
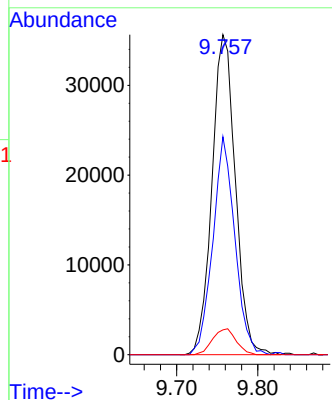
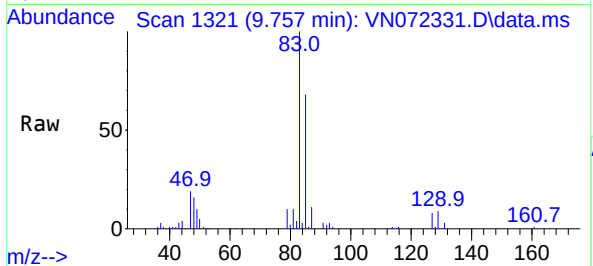
#47
Bromodichloromethane
Concen: 19.406 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion: 83 Resp: 7124
Ion Ratio Lower Upper
83 100
85 68.1 50.5 75.7
127 7.7 6.8 10.2

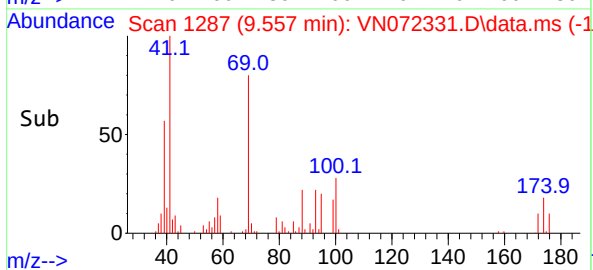
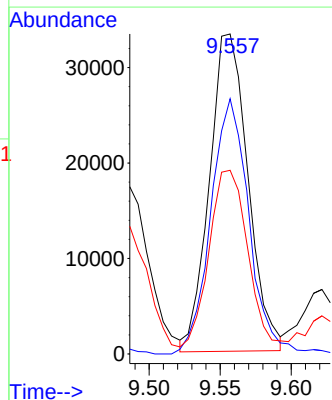
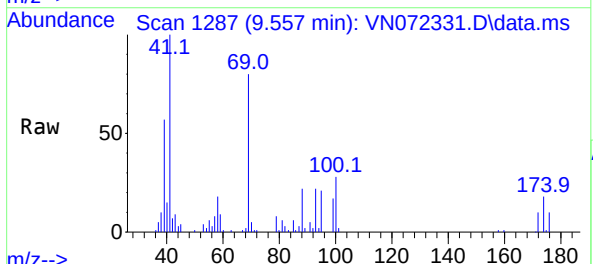
Manual Integrations
APPROVED

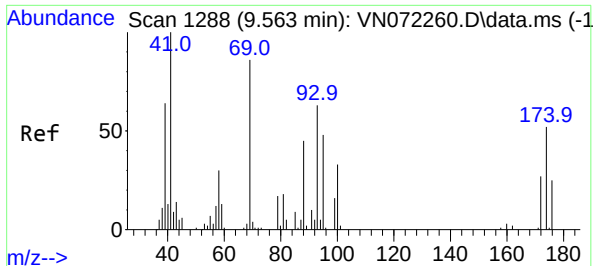
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#48
Methyl methacrylate
Concen: 21.479 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

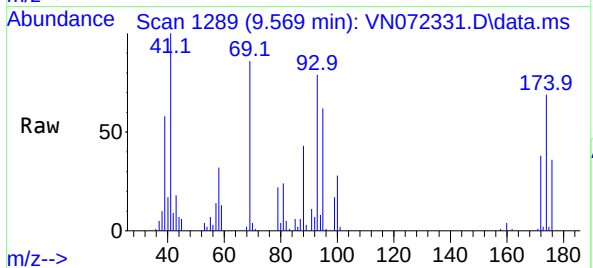
Tgt Ion: 41 Resp: 62787
Ion Ratio Lower Upper
41 100
69 80.2 74.7 112.1
39 60.5 45.6 68.4





#49
1,4-Dioxane
Concen: 373.238 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

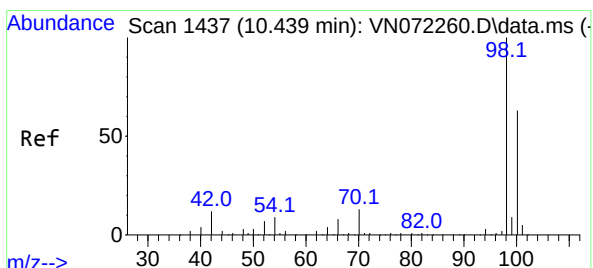
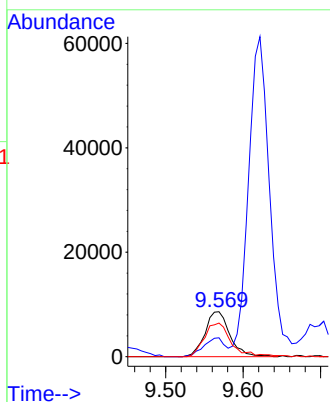
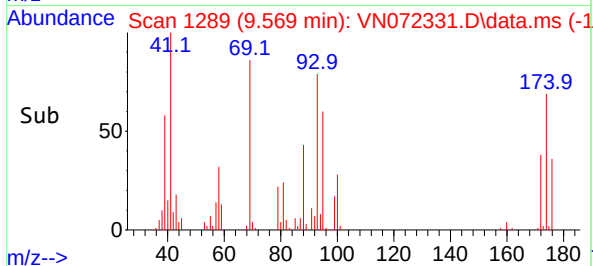
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



Tgt Ion: 88 Resp: 1916
Ion Ratio Lower Upper
88 100
43 35.6 20.2 30.4
58 81.7 54.2 81.4

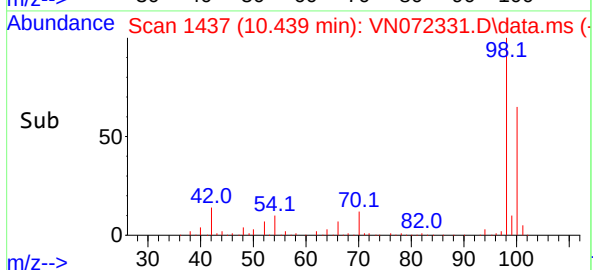
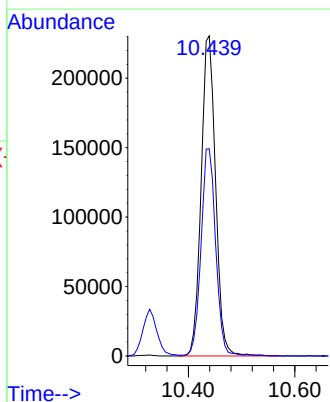
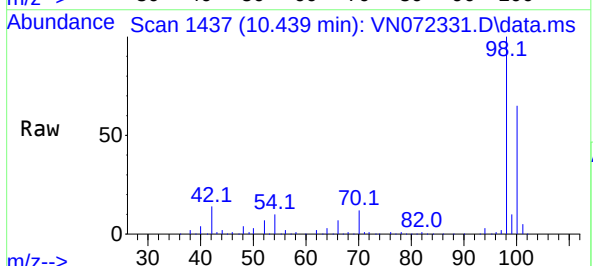
Manual Integrations
APPROVED

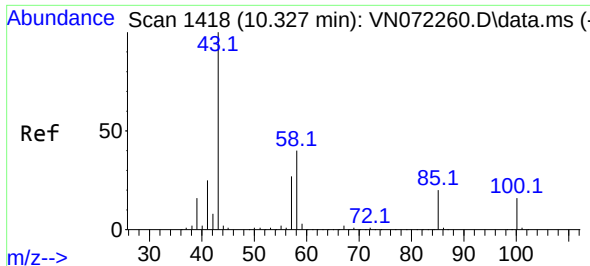
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

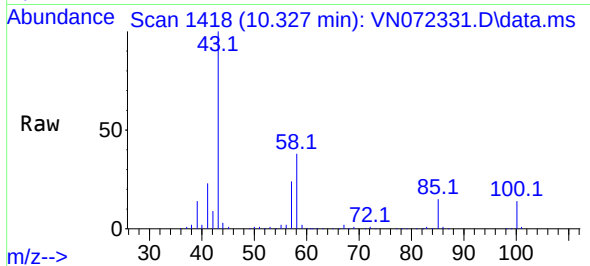
Tgt Ion: 98 Resp: 433805
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 108.959 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

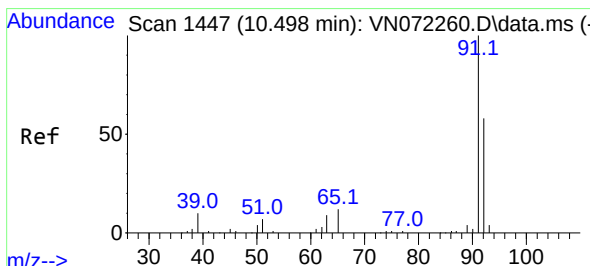
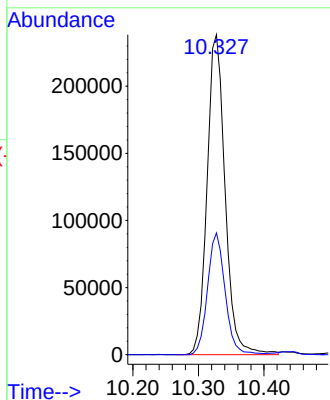
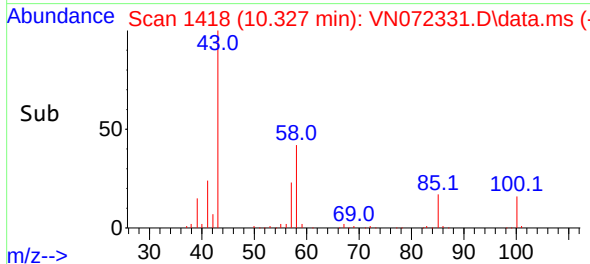
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



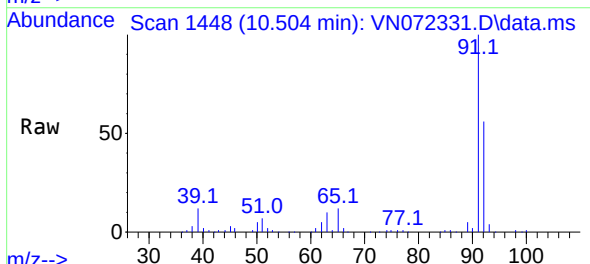
Tgt Ion: 43 Resp: 454944
Ion Ratio Lower Upper
43 100
58 37.1 34.1 51.1

Manual Integrations
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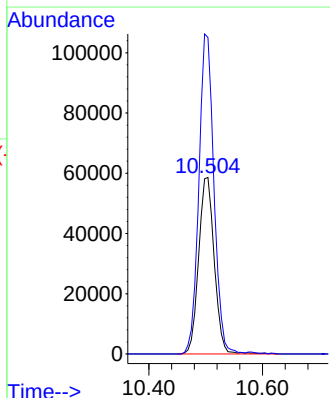
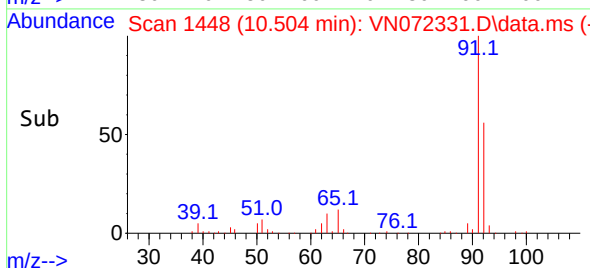
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

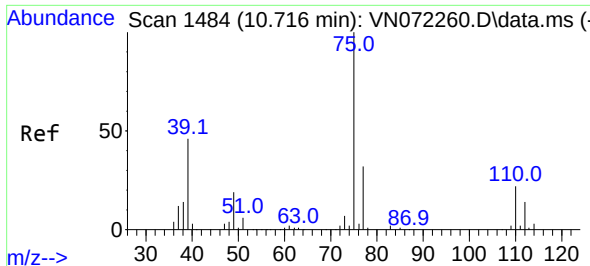


#52
Toluene
Concen: 18.106 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 92 Resp: 111875
Ion Ratio Lower Upper
92 100
91 174.7 138.6 207.8





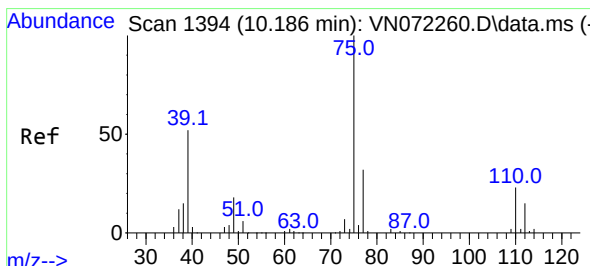
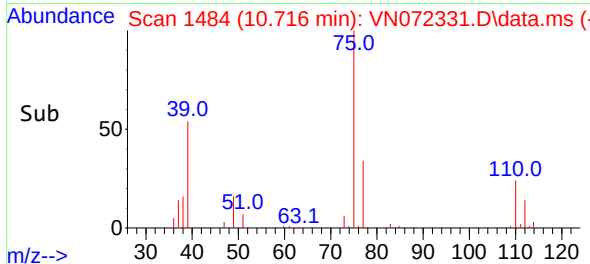
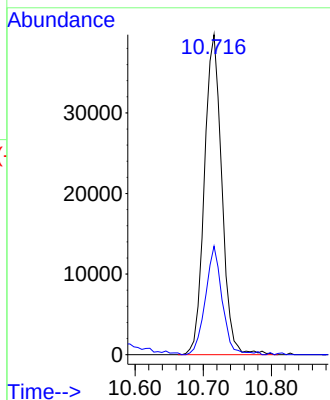
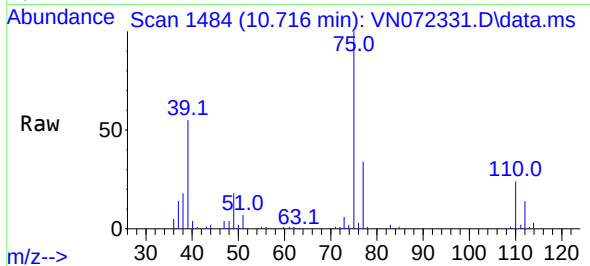
#53
t-1,3-Dichloropropene
Concen: 19.106 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion: 75 Resp: 70508
Ion Ratio Lower Upper
75 100
77 33.5 25.6 38.4

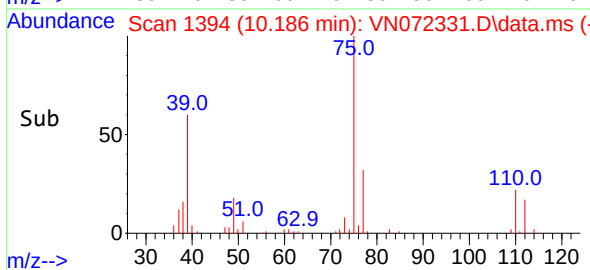
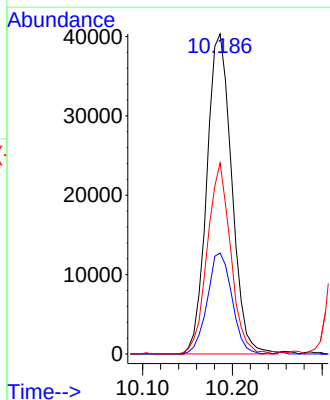
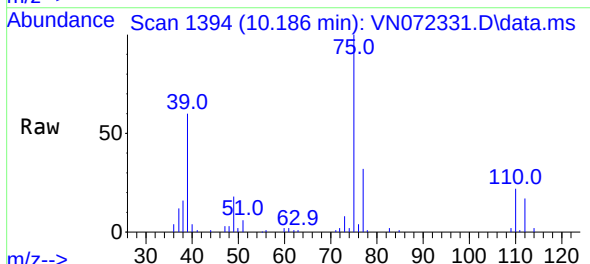
Manual Integrations
APPROVED

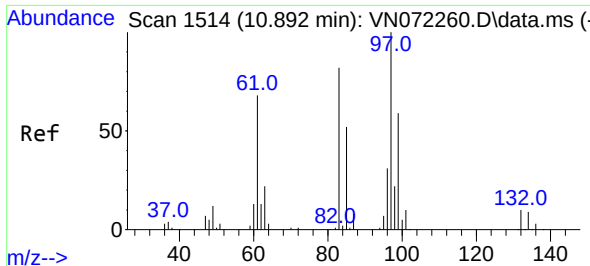
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#54
cis-1,3-Dichloropropene
Concen: 19.458 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

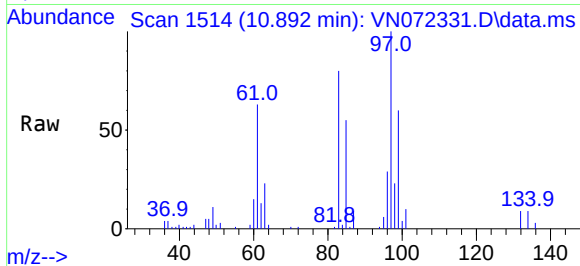
Tgt Ion: 75 Resp: 77655
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 59.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 20.391 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

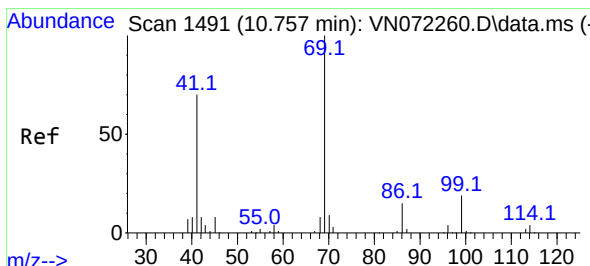
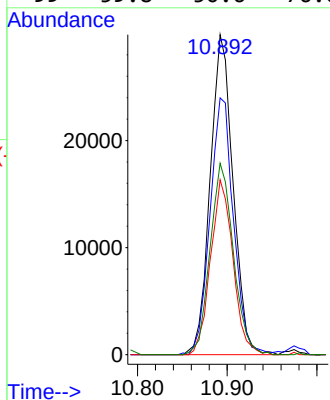
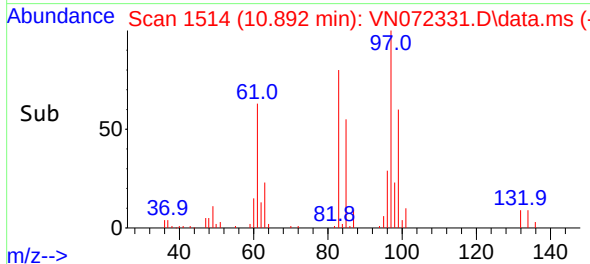


Tgt Ion: 97 Resp: 52829

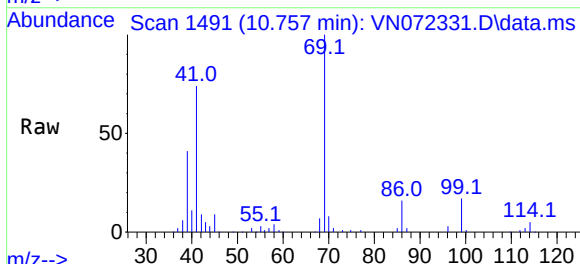
Ion	Ratio	Lower	Upper
97	100		
83	80.3	66.2	99.4
85	54.7	43.9	65.9
99	59.8	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

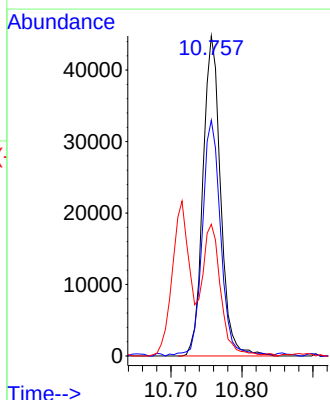
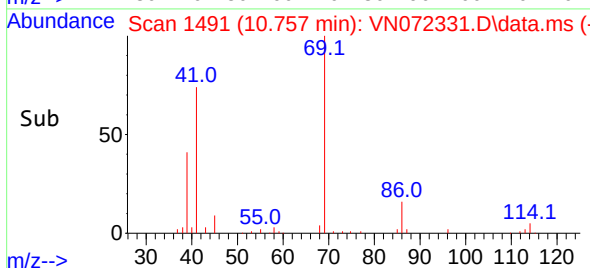


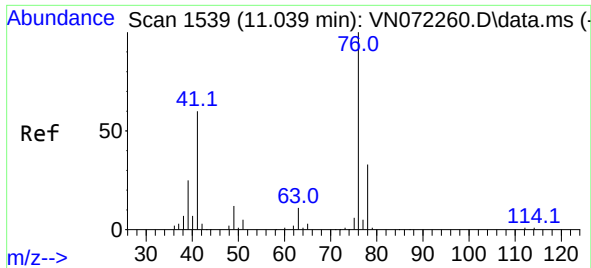
#56
Ethyl methacrylate
Concen: 18.631 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 69 Resp: 77468

Ion	Ratio	Lower	Upper
69	100		
41	77.0	47.8	71.6#
39	43.2	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 20.251 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072331.D

Acq: 04 May 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

VN0504MBSD01

Tgt Ion: 76 Resp: 9206

Ion Ratio Lower Upper

76 100

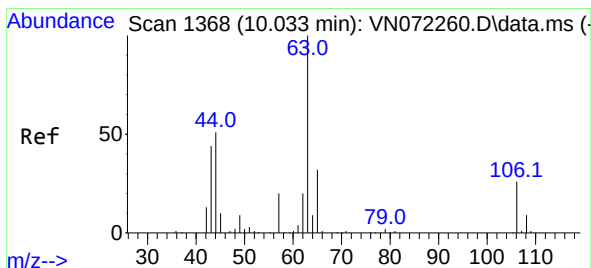
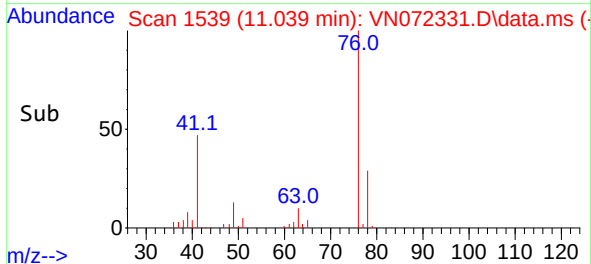
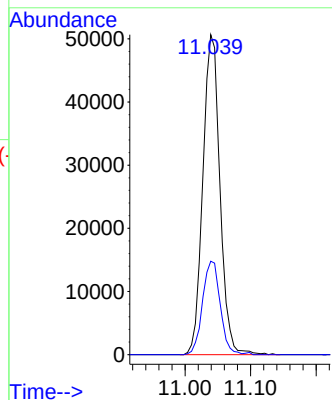
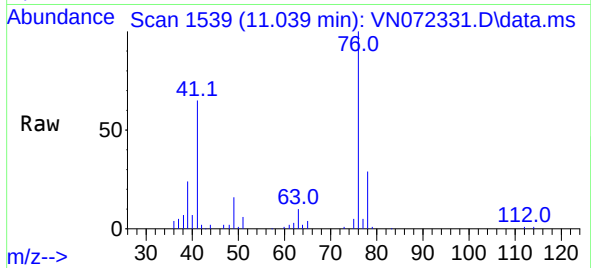
78 30.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 88.408 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072331.D

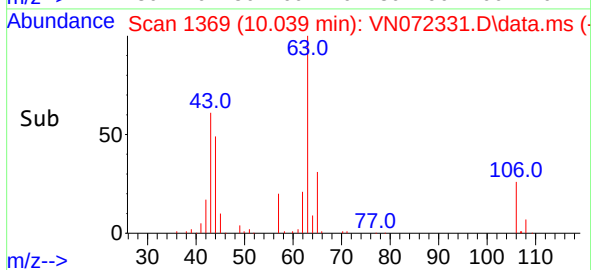
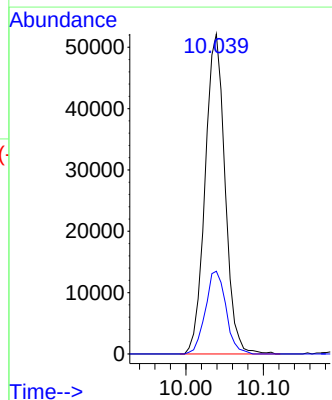
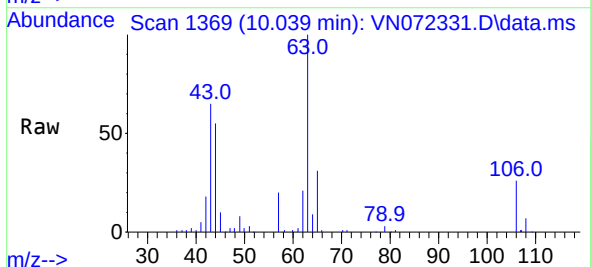
Acq: 04 May 2022 16:26

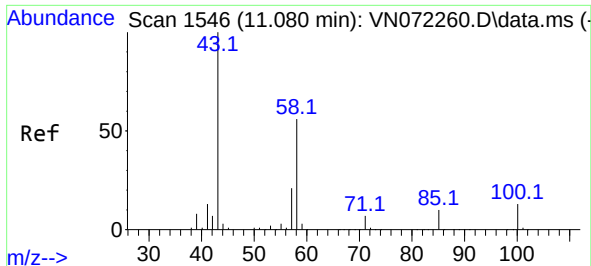
Tgt Ion: 63 Resp: 92861

Ion Ratio Lower Upper

63 100

106 26.8 24.6 36.8





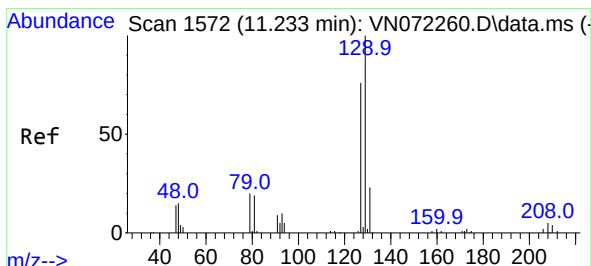
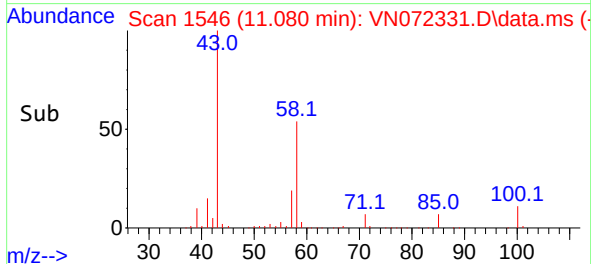
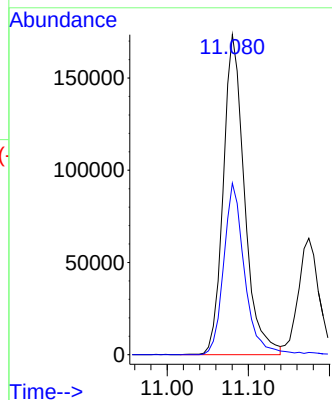
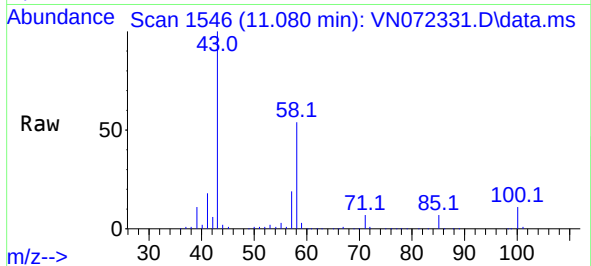
#59
2-Hexanone
Concen: 107.145 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion: 43 Resp: 315194
Ion Ratio Lower Upper
43 100
58 52.7 29.7 89.1

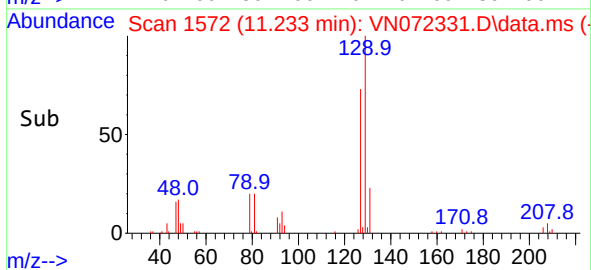
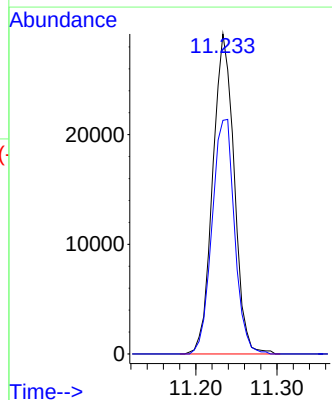
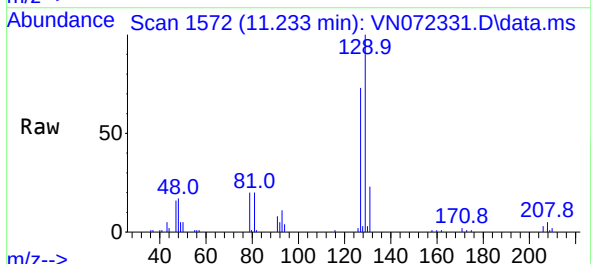
Manual Integrations
APPROVED

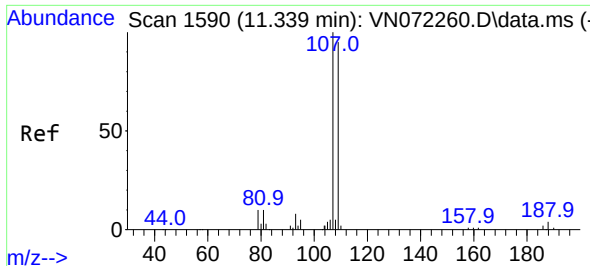
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#60
Dibromochloromethane
Concen: 20.193 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Tgt Ion:129 Resp: 53497
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





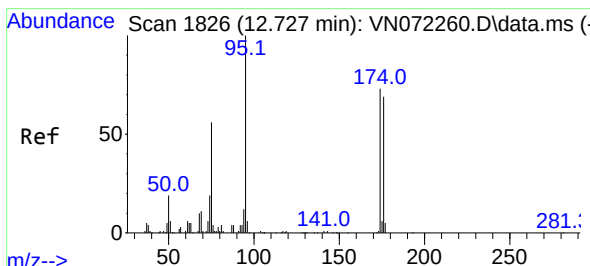
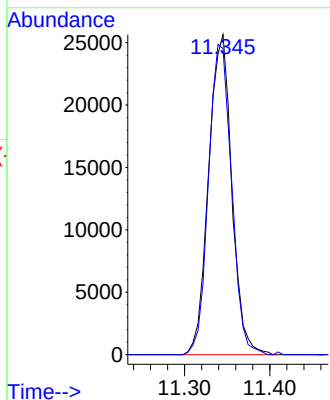
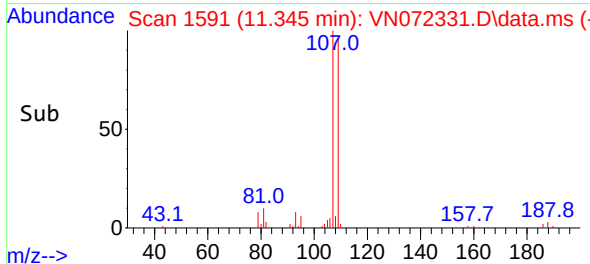
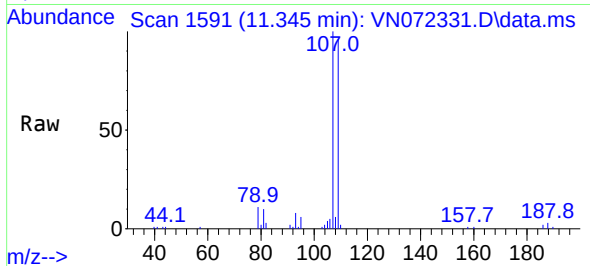
#61
1,2-Dibromoethane
Concen: 18.989 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBSD01

Tgt Ion:107 Resp: 4838
Ion Ratio Lower Upper
107 100
109 96.6 75.0 112.6

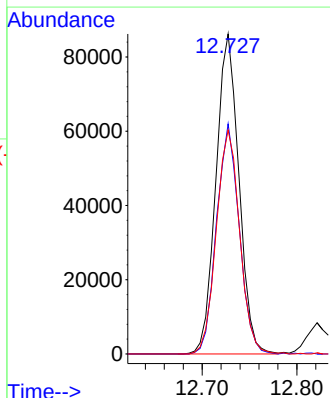
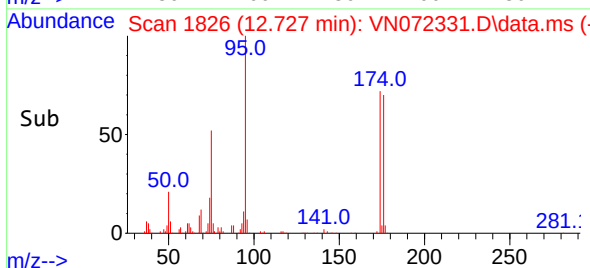
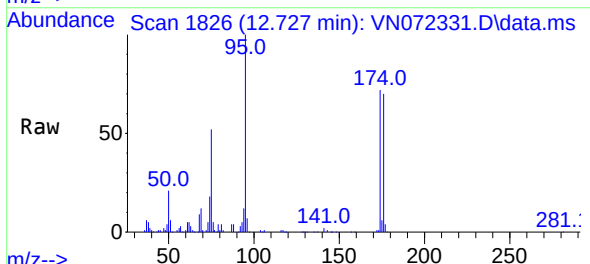
Manual Integrations
APPROVED

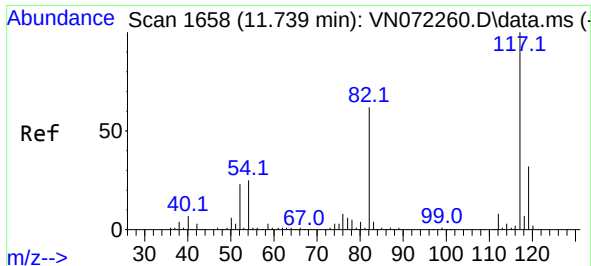
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#62
4-Bromofluorobenzene
Concen: 48.636 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

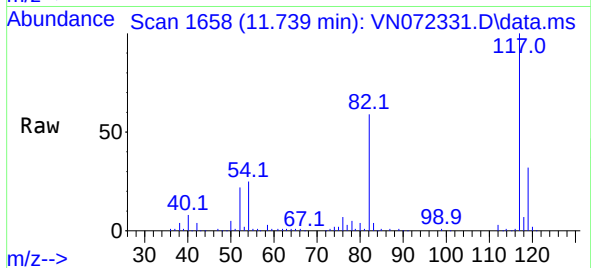
Tgt Ion: 95 Resp: 145218
Ion Ratio Lower Upper
95 100
174 71.0 0.0 167.6
176 71.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

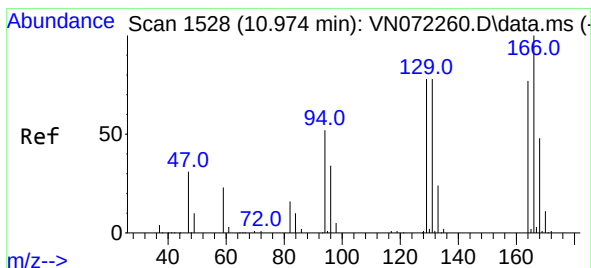
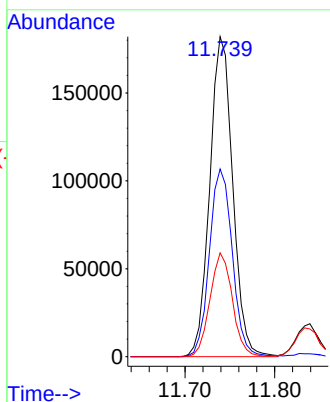
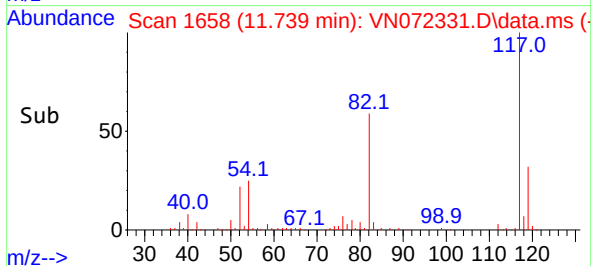
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



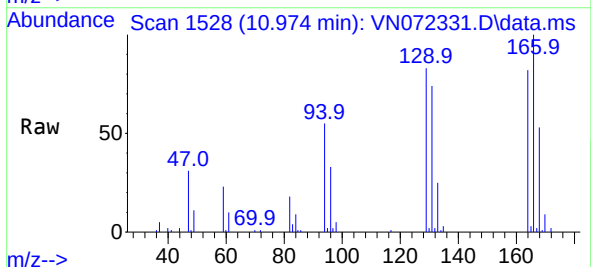
Tgt Ion:117 Resp: 323470
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
APPROVED

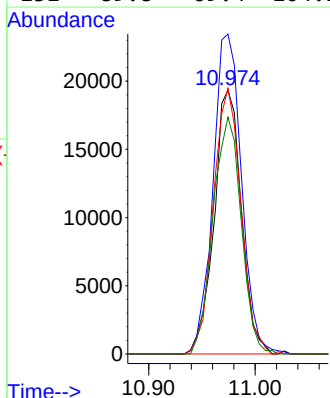
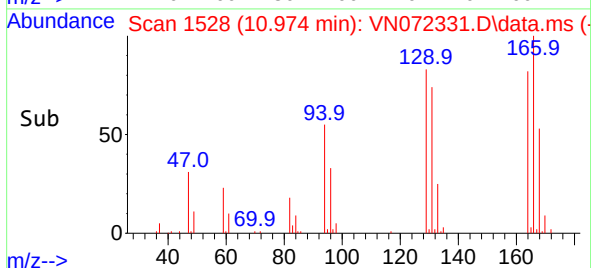
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

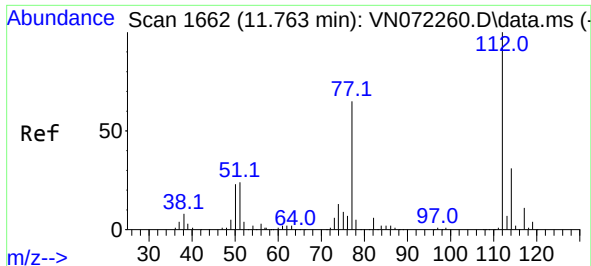


#64
Tetrachloroethene
Concen: 17.723 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



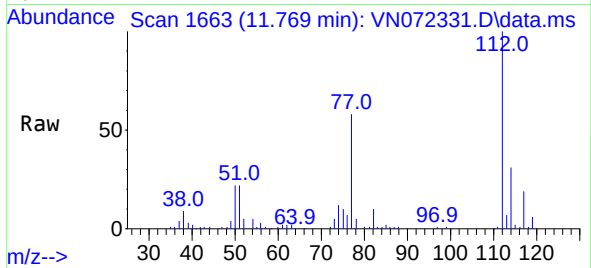
Tgt Ion:164 Resp: 34509
Ion Ratio Lower Upper
164 100
166 121.3 104.2 156.2
129 100.7 73.9 110.9
131 89.8 69.4 104.2





#65
Chlorobenzene
Concen: 17.911 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

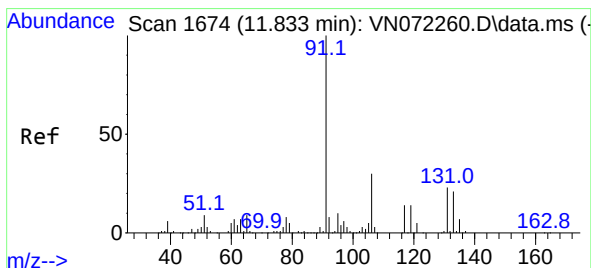
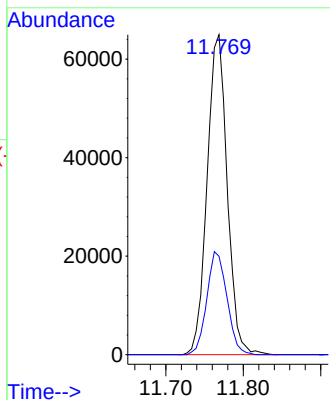
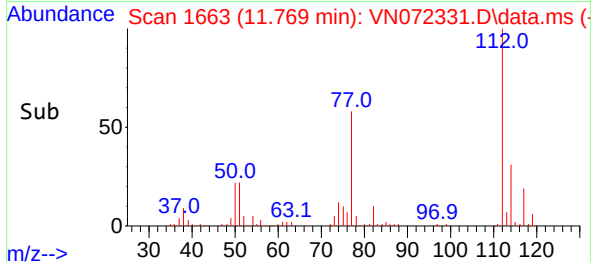
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



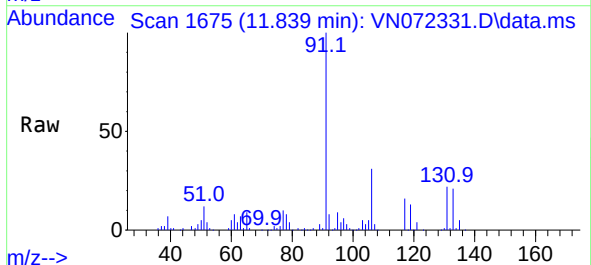
Tgt Ion:112 Resp: 117068
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

Manual Integrations
APPROVED

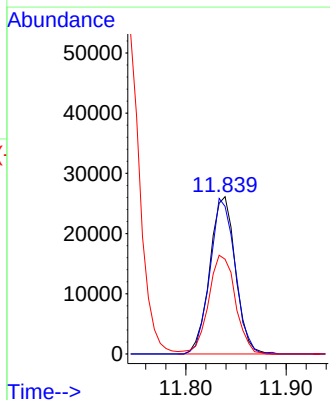
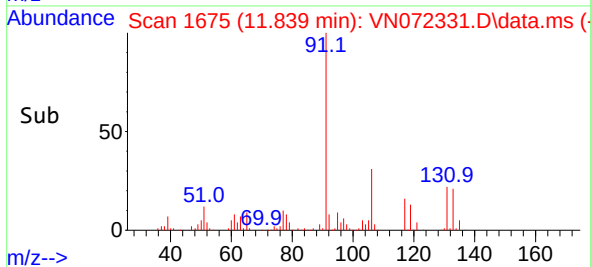
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

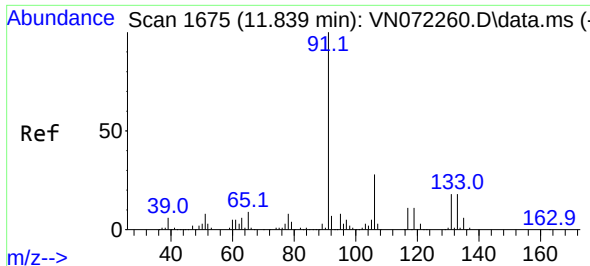


#66
1,1,1,2-Tetrachloroethane
Concen: 18.829 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion:131 Resp: 46371
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.4
119 65.7 33.4 100.2





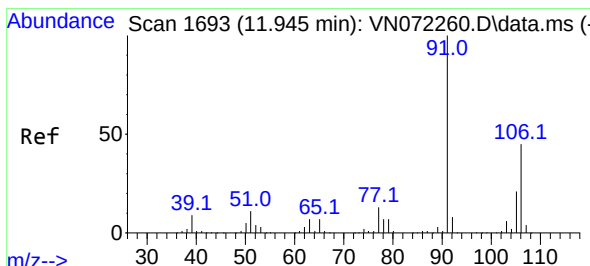
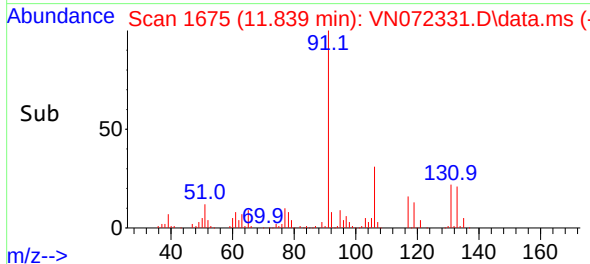
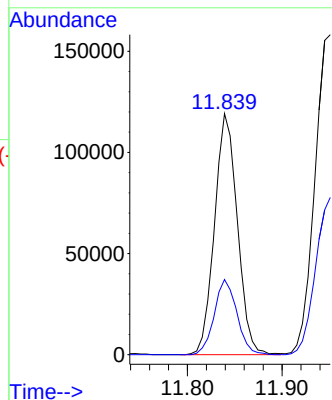
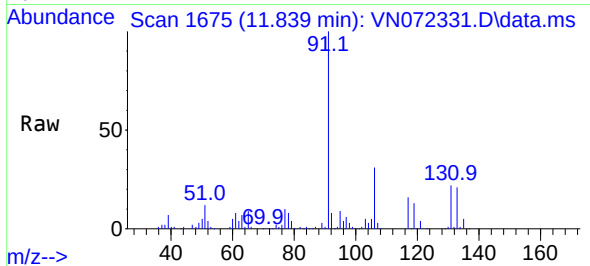
#67
Ethyl Benzene
Concen: 17.549 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBSD01

Tgt Ion: 91 Resp: 20002
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

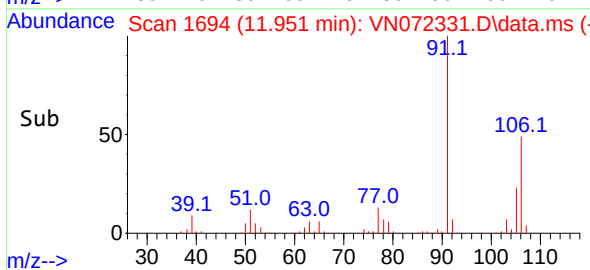
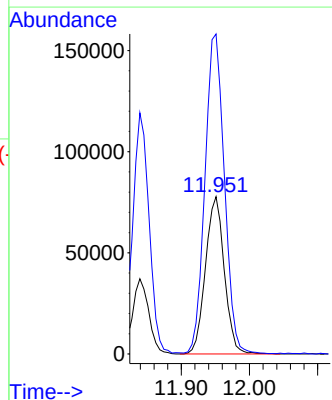
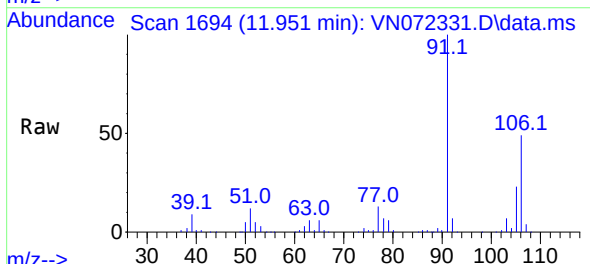
Manual Integrations
APPROVED

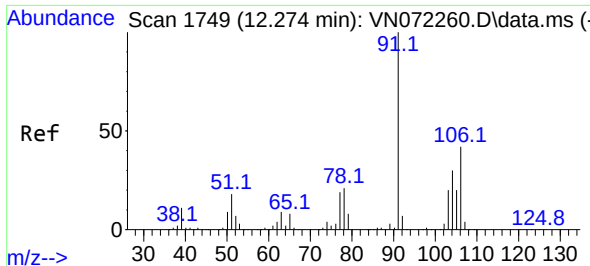
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#68
m/p-Xylenes
Concen: 35.310 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Tgt Ion:106 Resp: 149452
Ion Ratio Lower Upper
106 100
91 209.6 158.9 238.3





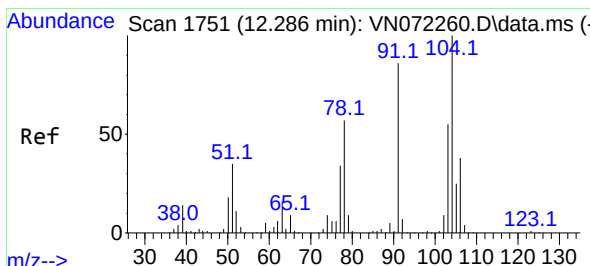
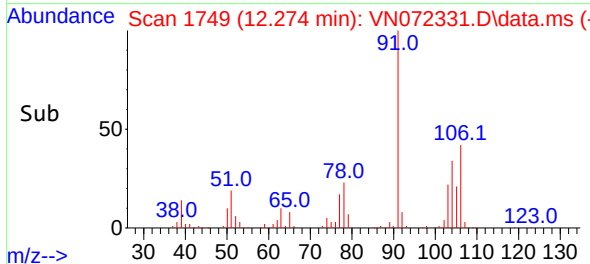
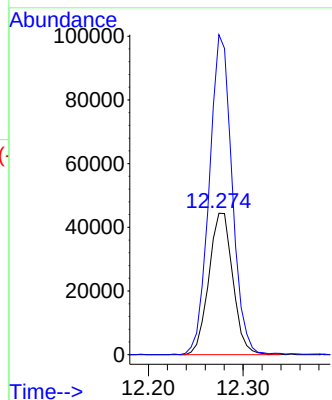
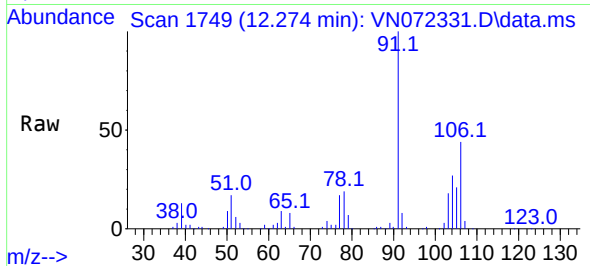
#69
o-Xylene
Concen: 19.036 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion:106 Resp: 78112
Ion Ratio Lower Upper
106 100
91 216.3 106.0 318.0

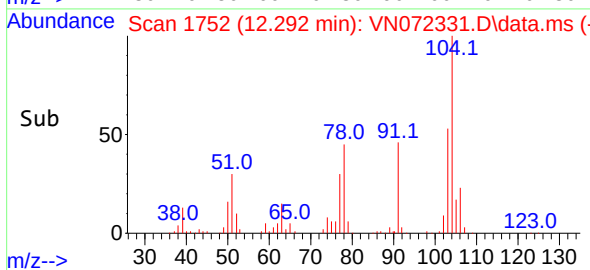
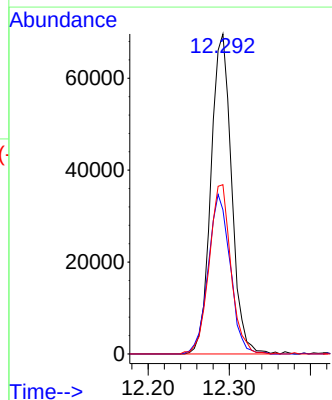
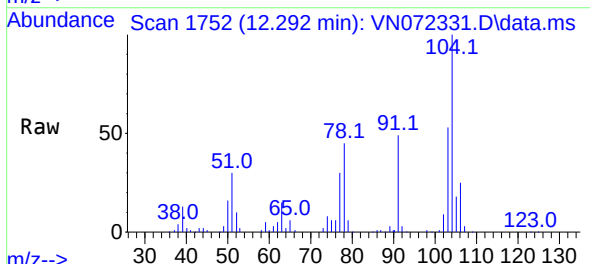
Manual Integrations
APPROVED

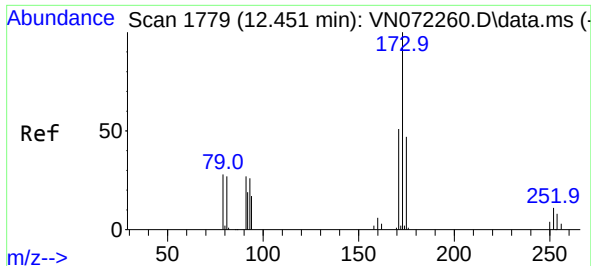
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#70
Styrene
Concen: 19.020 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

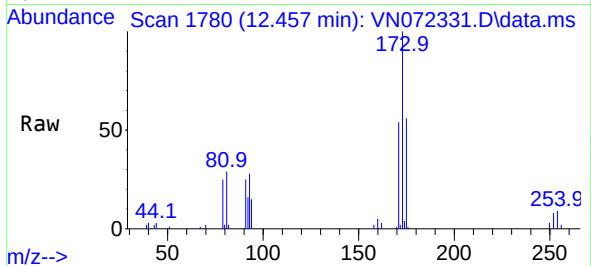
Tgt Ion:104 Resp: 122933
Ion Ratio Lower Upper
104 100
78 53.1 39.5 59.3
103 56.0 44.0 66.0





#71
Bromoform
Concen: 19.469 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

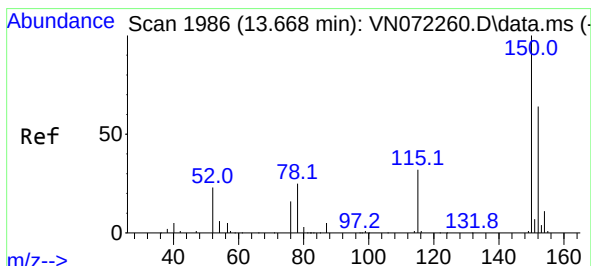
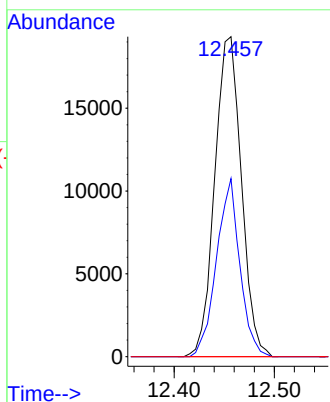
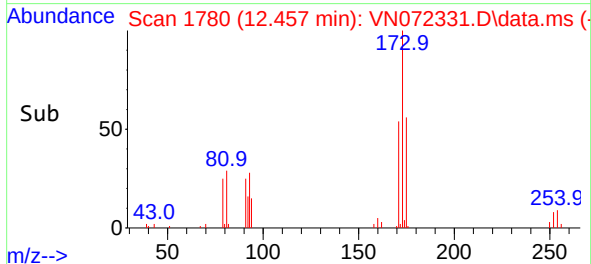
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBSD01



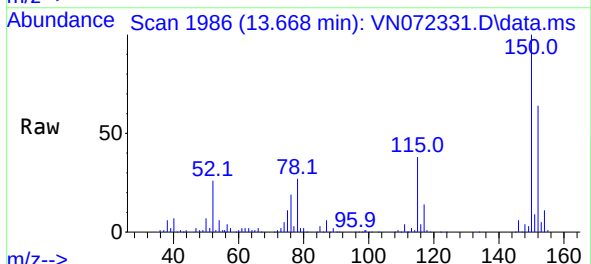
Tgt Ion:173 Resp: 35660
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

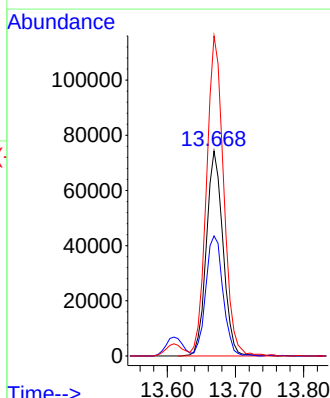
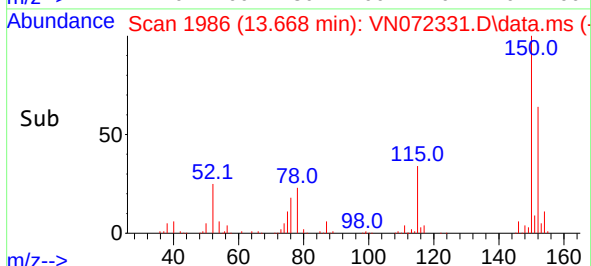
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

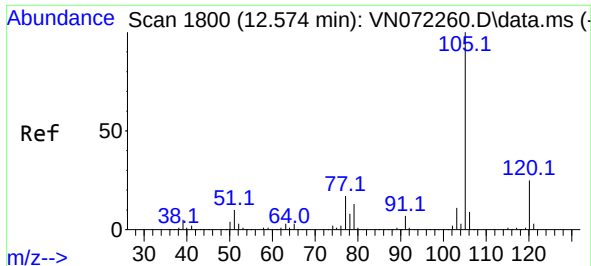


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion:152 Resp: 125936
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 161.3 0.0 356.2





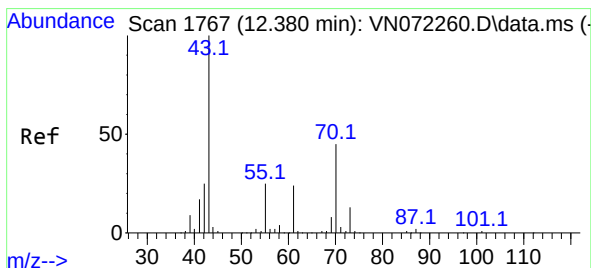
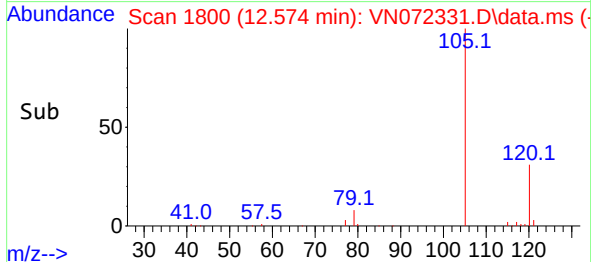
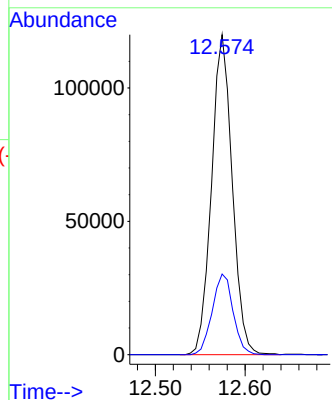
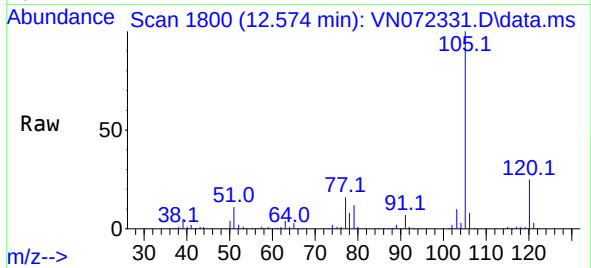
#73
Isopropylbenzene
Concen: 17.287 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion:105 Resp: 192274
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4

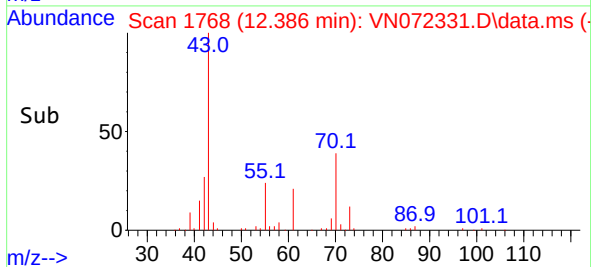
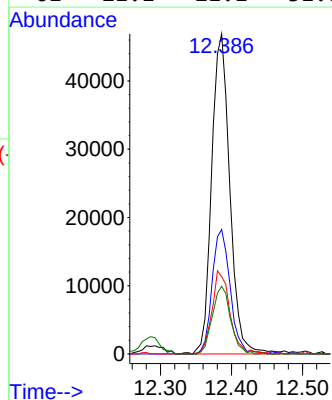
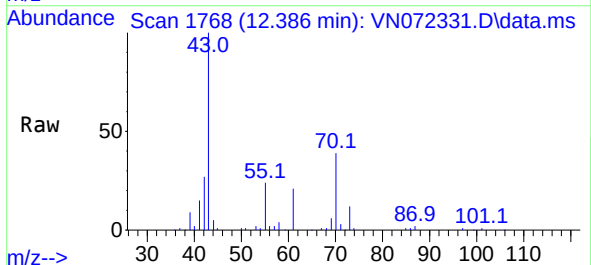
Manual Integrations
APPROVED

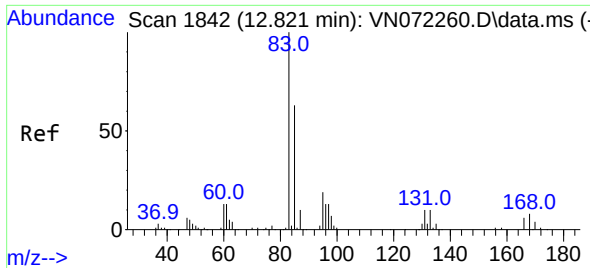
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#74
N-ethyl acetate
Concen: 20.003 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Tgt Ion: 43 Resp: 83356
Ion Ratio Lower Upper
43 100
70 38.6 39.0 58.4#
55 25.7 21.1 31.7
61 21.1 21.1 31.7#





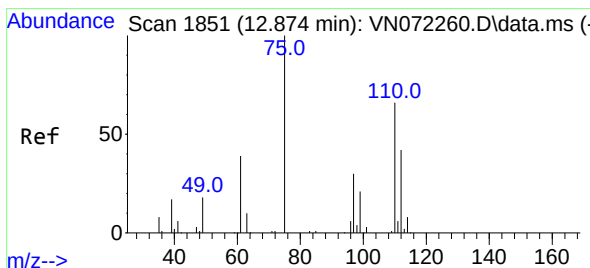
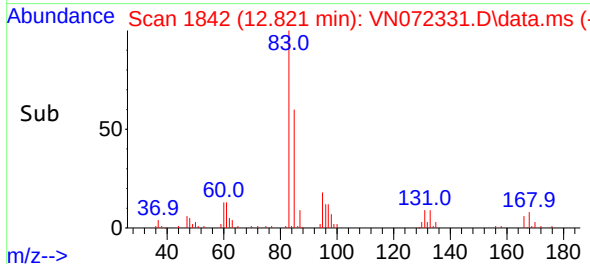
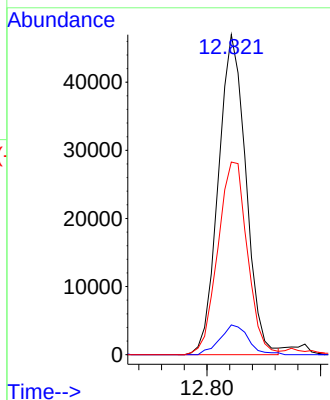
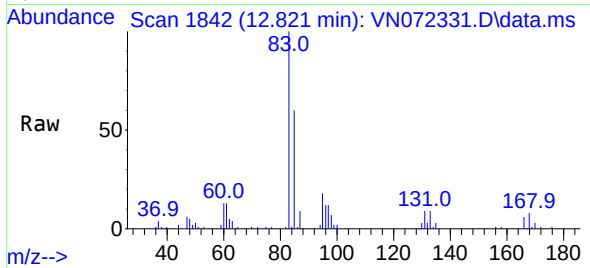
#75
1,1,2,2-Tetrachloroethane
Concen: 20.463 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion: 83 Resp: 79075
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.9
85 64.5 32.3 96.9

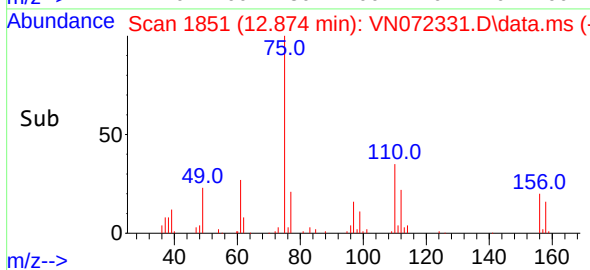
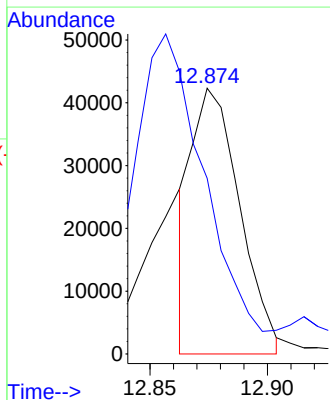
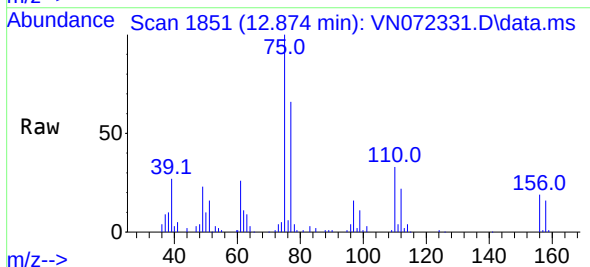
Manual Integrations
APPROVED

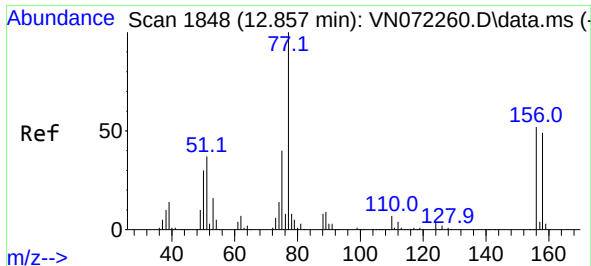
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#76
1,2,3-Trichloropropane
Concen: 20.956 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

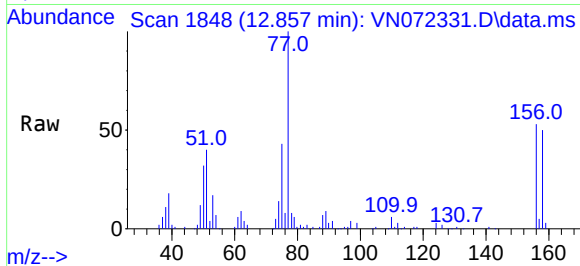
Tgt Ion: 75 Resp: 60123
Ion Ratio Lower Upper
75 100
77 182.3 98.5 295.5





#77
Bromobenzene
Concen: 17.223 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

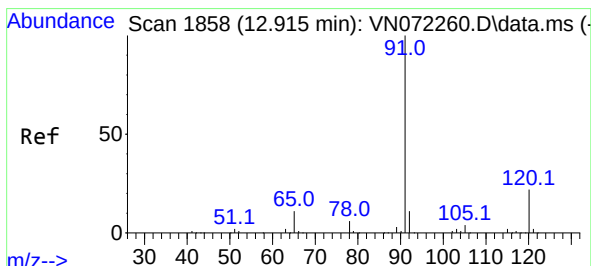
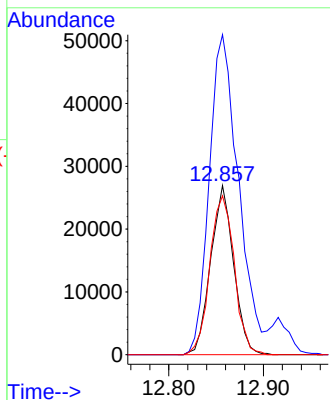
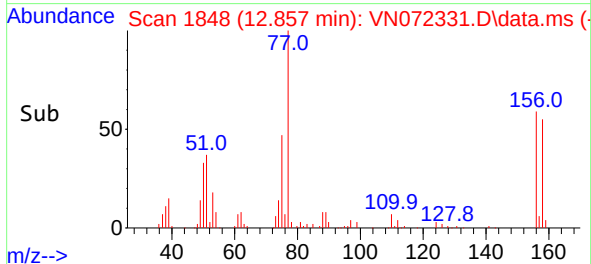
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



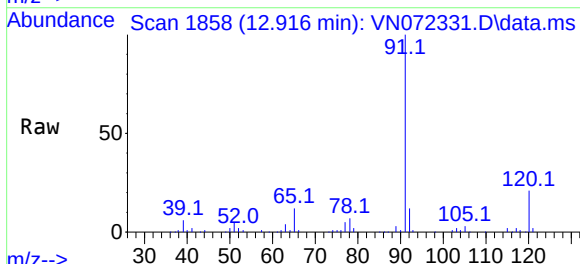
Tgt Ion:156 Resp: 4530
Ion Ratio Lower Upper
156 100
77 242.0 100.5 301.5
158 100.2 48.9 146.6

Manual Integrations
APPROVED

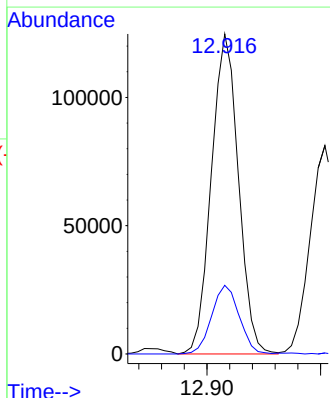
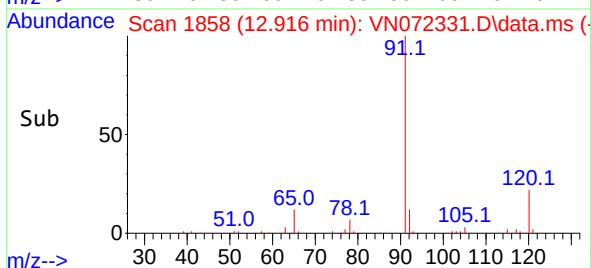
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

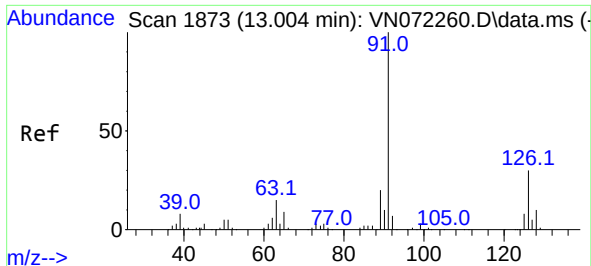


#78
n-propylbenzene
Concen: 16.849 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 91 Resp: 206462
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.5





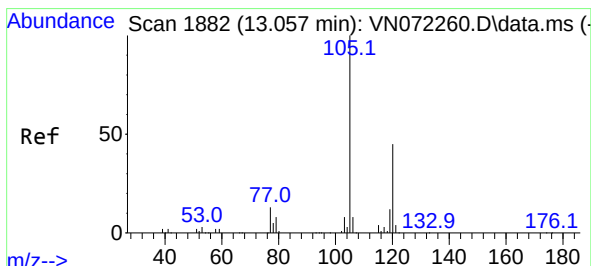
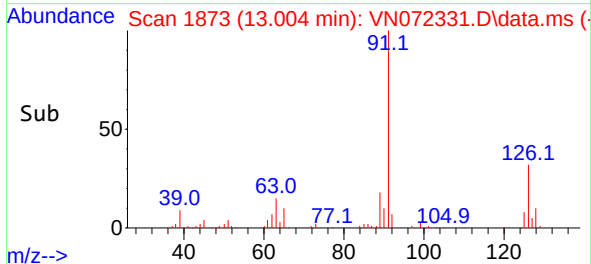
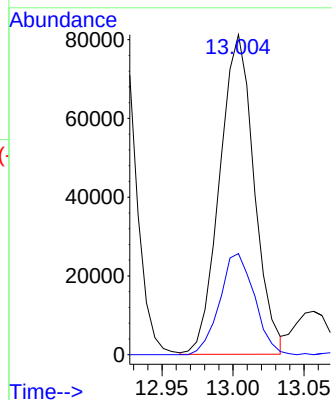
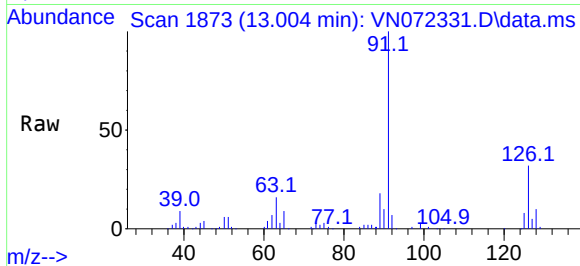
#79
2-Chlorotoluene
Concen: 17.086 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion: 91 Resp: 137518
Ion Ratio Lower Upper
91 100
126 31.8 17.3 51.9

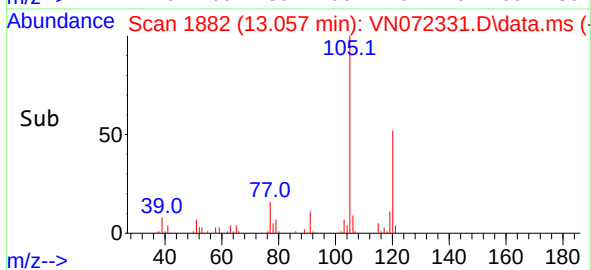
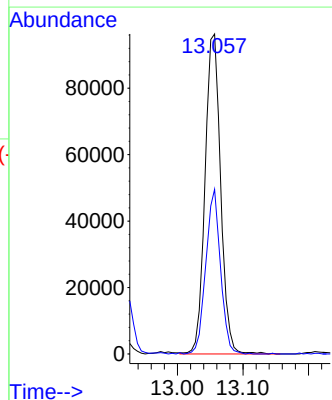
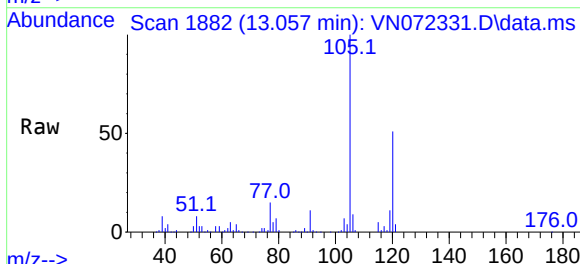
Manual Integrations
APPROVED

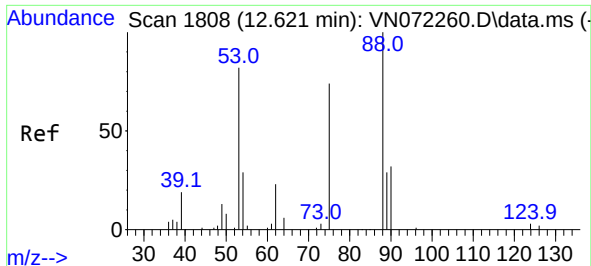
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 17.238 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

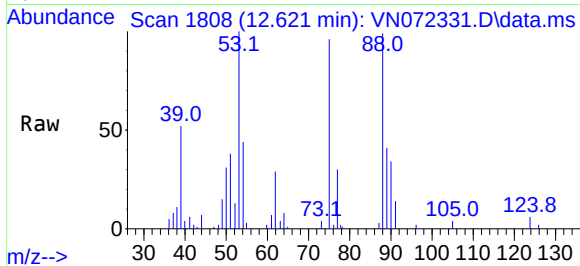
Tgt Ion:105 Resp: 159681
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.999 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

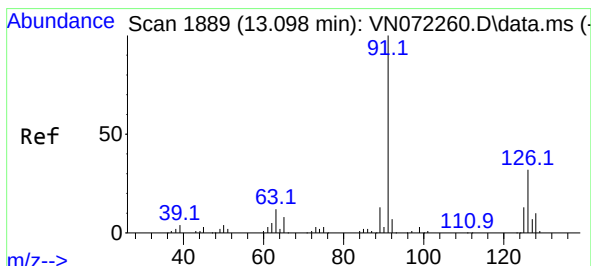
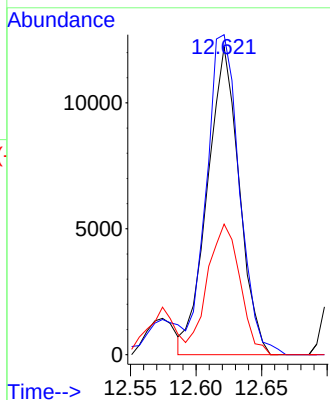
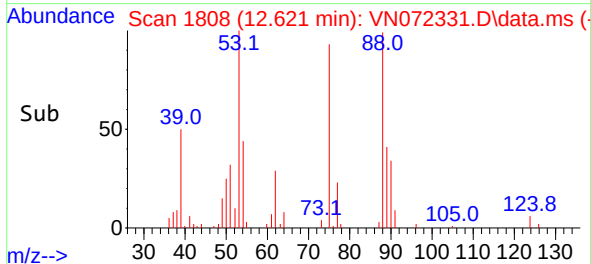
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



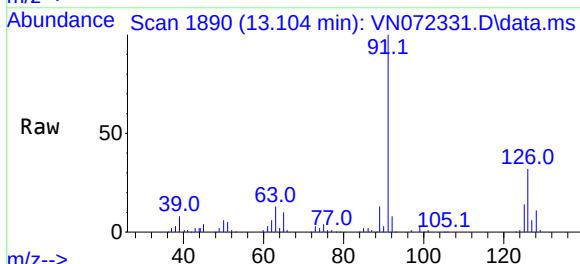
Tgt Ion: 75 Resp: 2069
Ion Ratio Lower Upper
75 100
53 106.8 78.0 117.0
89 43.3 37.2 55.8

Manual Integrations
APPROVED

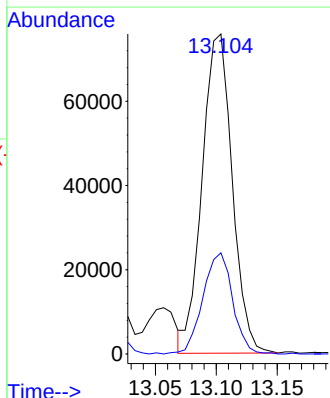
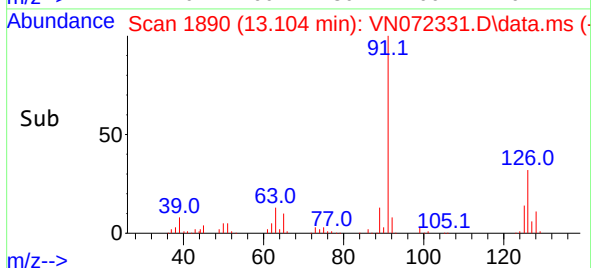
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

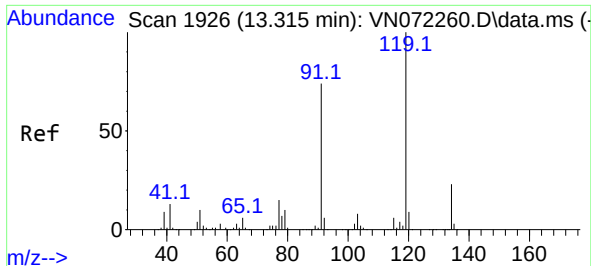


#82
4-Chlorotoluene
Concen: 17.376 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



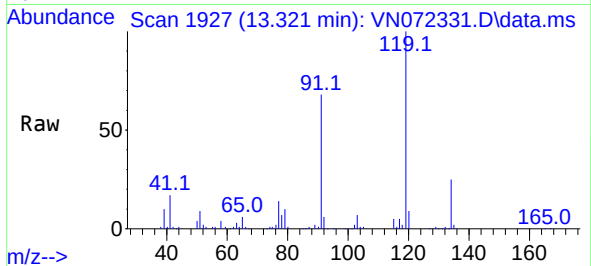
Tgt Ion: 91 Resp: 130184
Ion Ratio Lower Upper
91 100
126 31.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 16.906 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

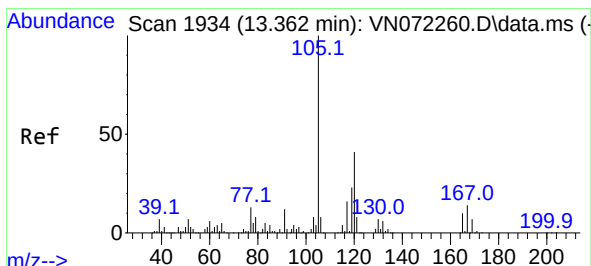
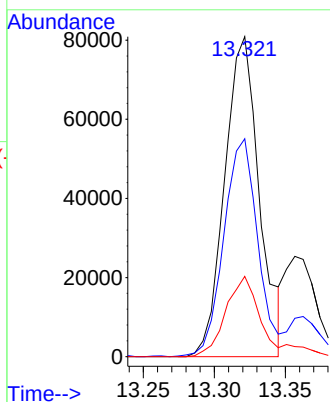
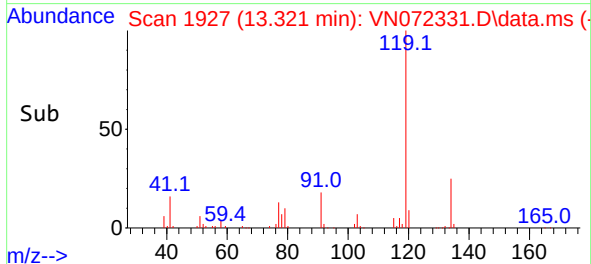
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



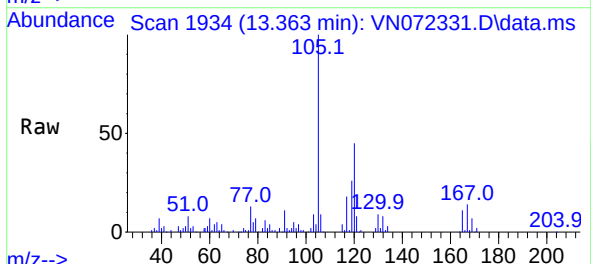
Tgt Ion:119 Resp: 137490
Ion Ratio Lower Upper
119 100
91 66.5 31.6 94.8
134 26.8 13.7 41.1

Manual Integrations
APPROVED

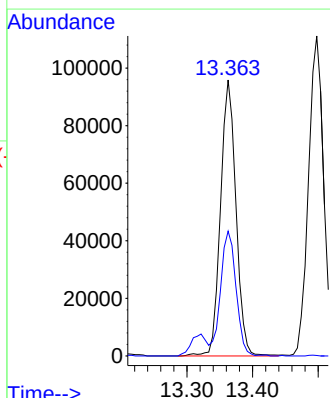
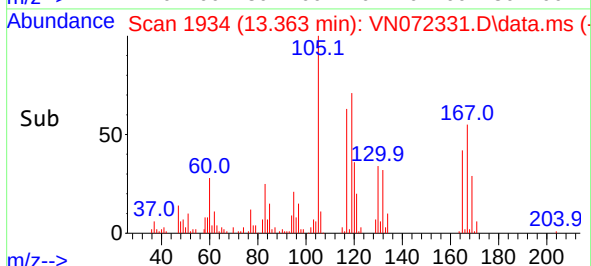
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

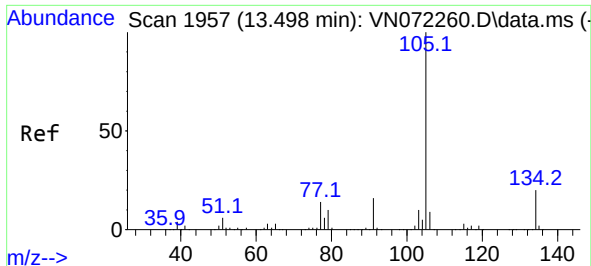


#84
1,2,4-Trimethylbenzene
Concen: 17.418 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



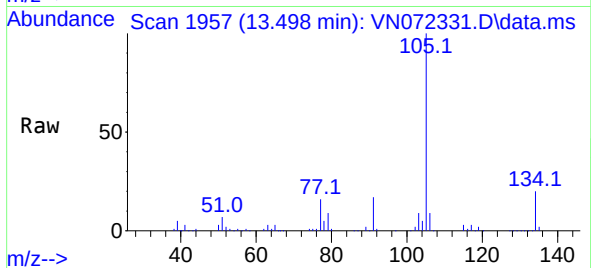
Tgt Ion:105 Resp: 156106
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 16.936 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072331.D
 Acq: 04 May 2022 16:26

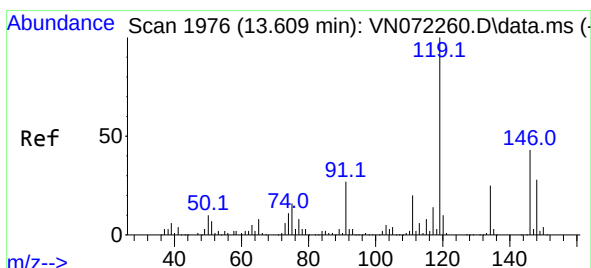
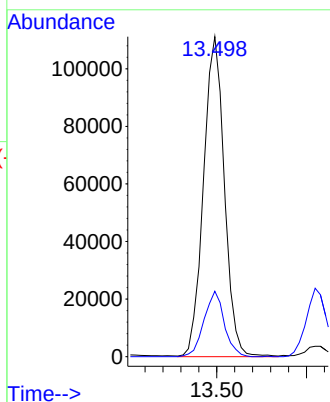
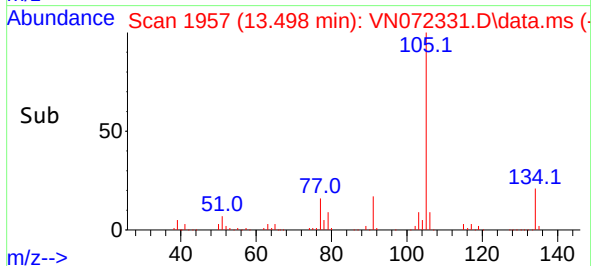
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504MBSD01



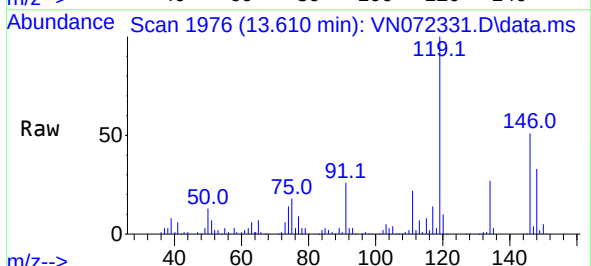
Tgt Ion:105 Resp: 17957
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1

Manual Integrations
 APPROVED

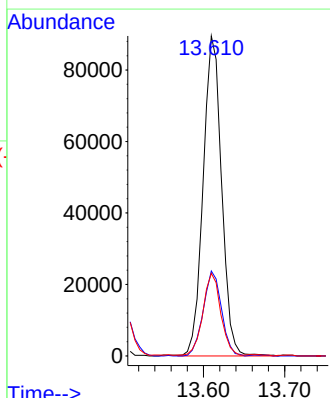
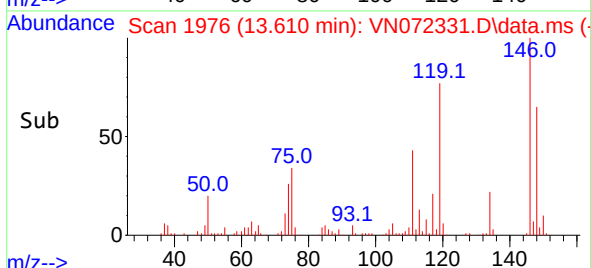
Reviewed By :John Carlone 05/05/2022
 Supervised By :Mahesh Dadoda 05/05/2022

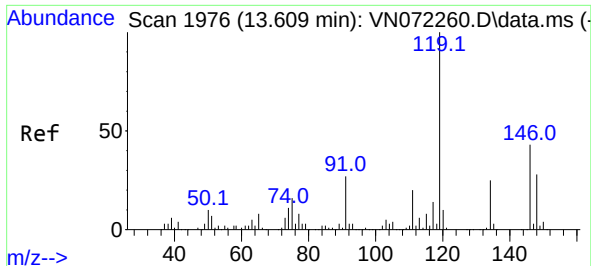


#86
 p-Isopropyltoluene
 Concen: 17.064 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072331.D
 Acq: 04 May 2022 16:26



Tgt Ion:119 Resp: 141057
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 24.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 17.751 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072331.D

Acq: 04 May 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

VN0504MBS01

Tgt Ion:146 Resp: 7556

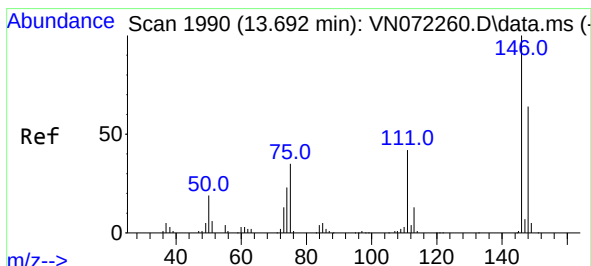
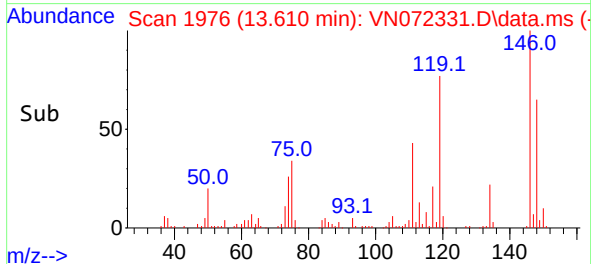
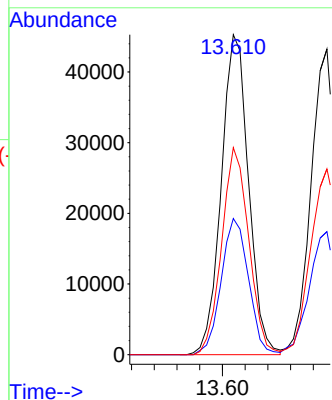
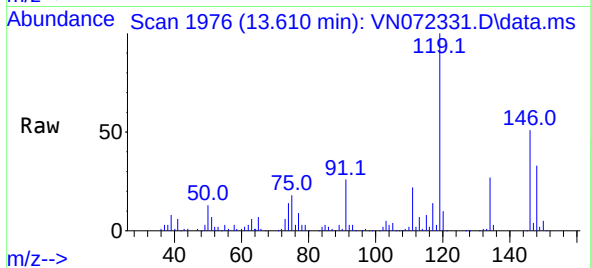
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.0	60.0
148	64.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#88

1,4-Dichlorobenzene

Concen: 17.477 ug/l

RT: 13.692 min Scan# 1990

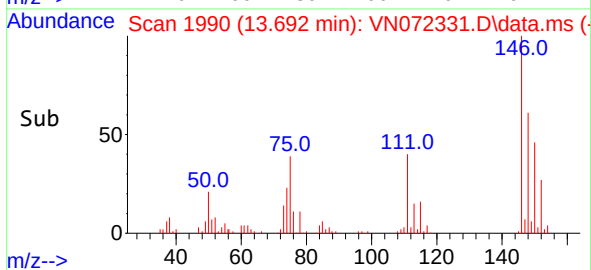
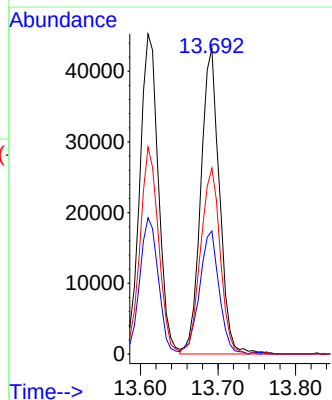
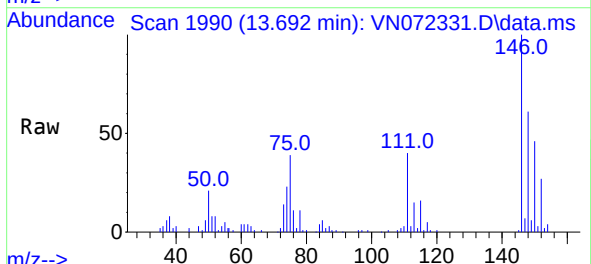
Delta R.T. -0.000 min

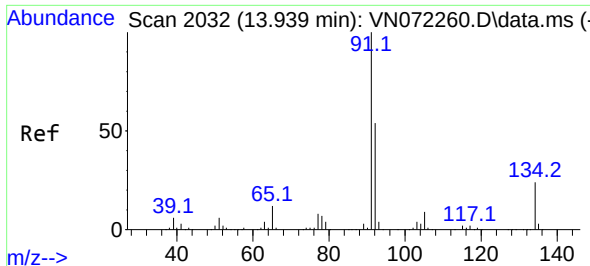
Lab File: VN072331.D

Acq: 04 May 2022 16:26

Tgt Ion:146 Resp: 72355

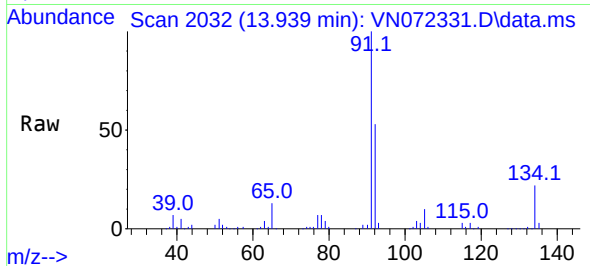
Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.1	57.1
148	64.1	31.4	94.3





#89
n-Butylbenzene
Concen: 16.726 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

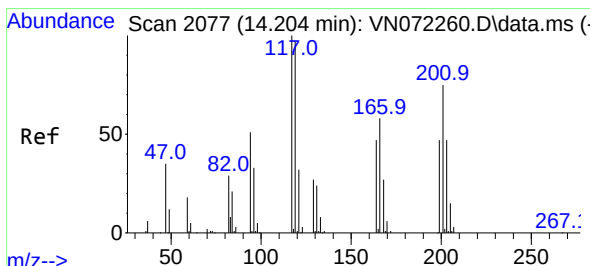
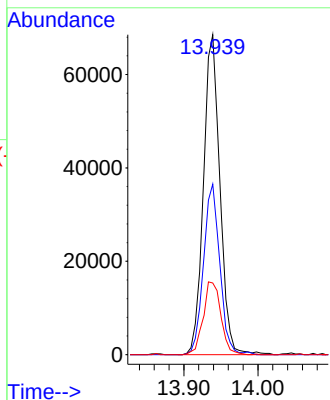
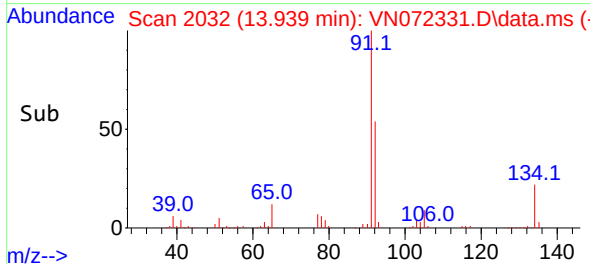
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



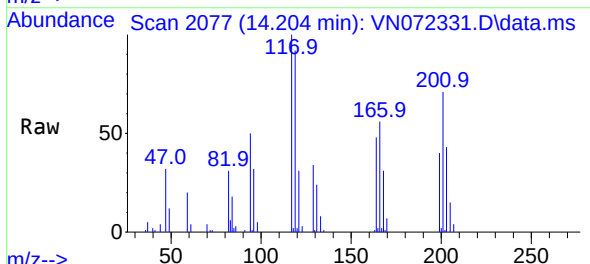
Tgt Ion: 91 Resp: 105900
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 24.4 13.6 40.8

Manual Integrations
APPROVED

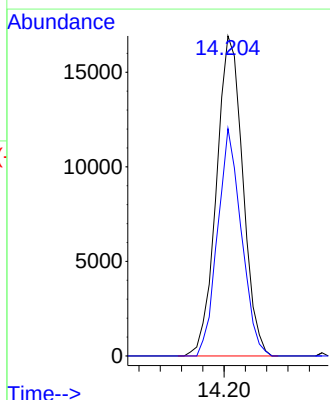
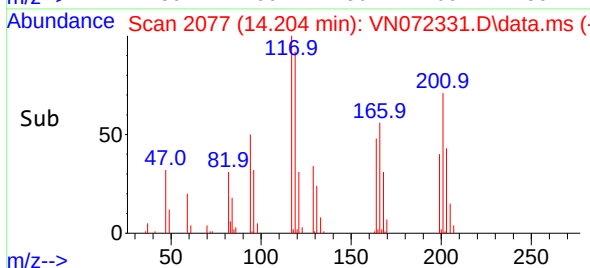
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

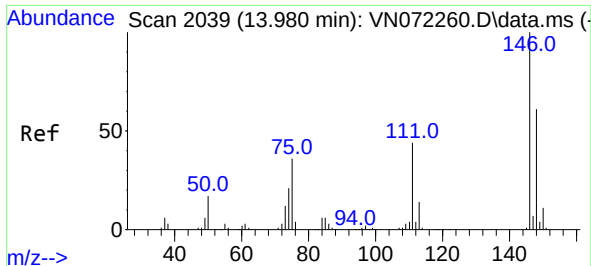


#90
Hexachloroethane
Concen: 16.216 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



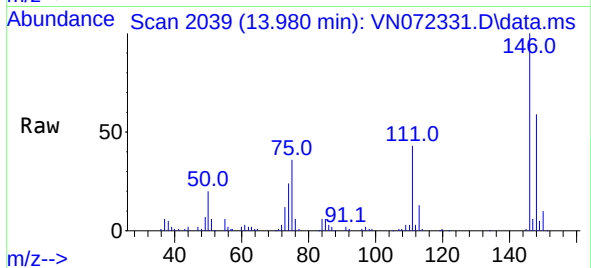
Tgt Ion:117 Resp: 29100
Ion Ratio Lower Upper
117 100
201 64.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.085 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

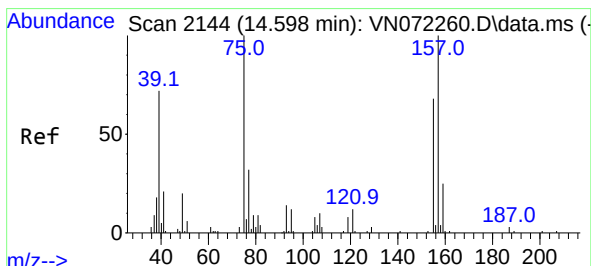
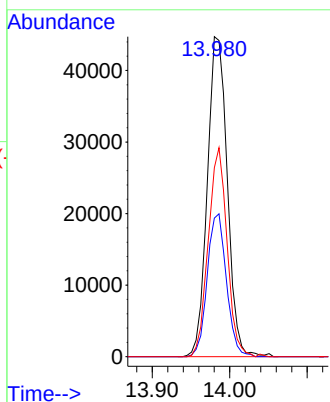
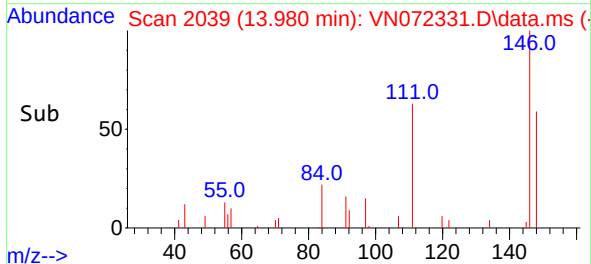
Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01



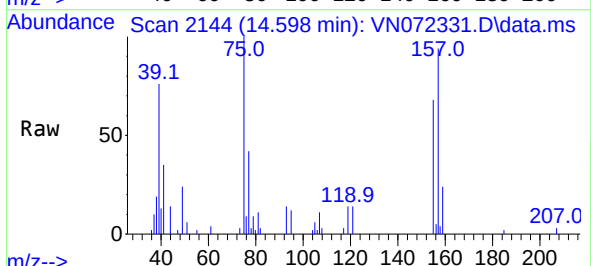
Tgt Ion:146 Resp: 8008
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 61.4 32.1 96.3

Manual Integrations
APPROVED

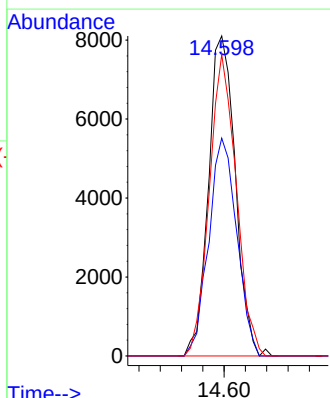
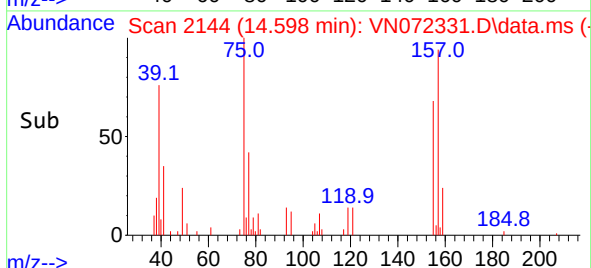
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

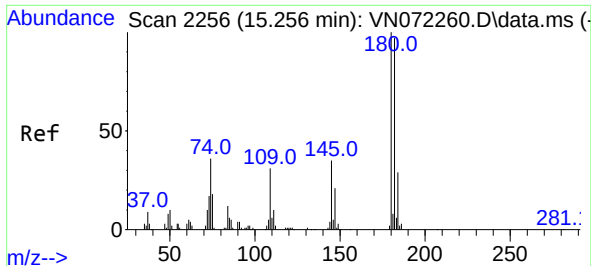


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.412 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26



Tgt Ion: 75 Resp: 14164
Ion Ratio Lower Upper
75 100
155 71.0 44.9 134.5
157 94.4 59.0 176.8





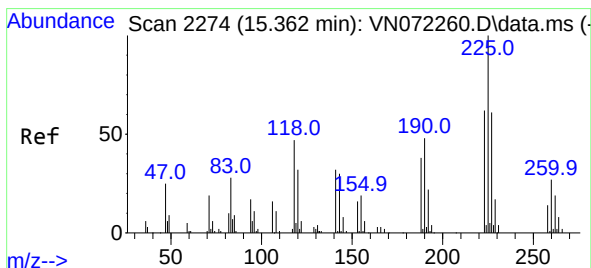
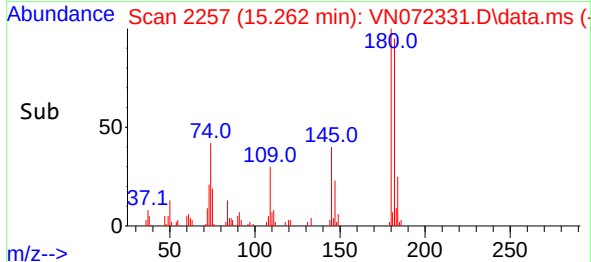
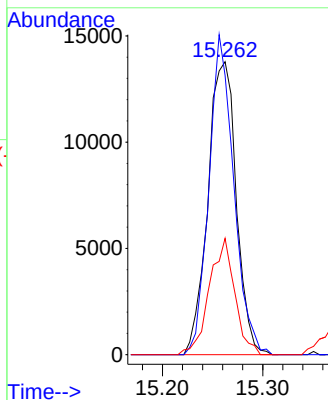
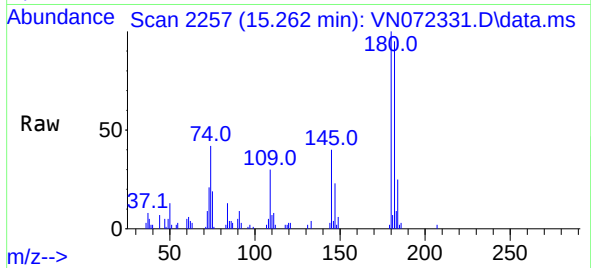
#93
1,2,4-Trichlorobenzene
Concen: 15.763 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion:180 Resp: 27199
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 35.4 14.5 43.5

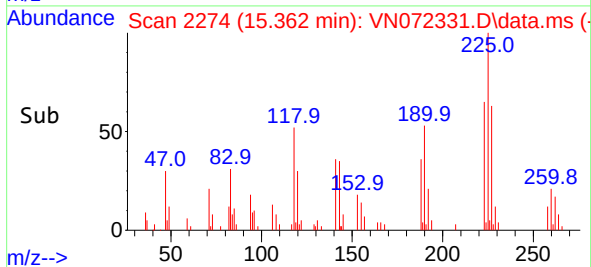
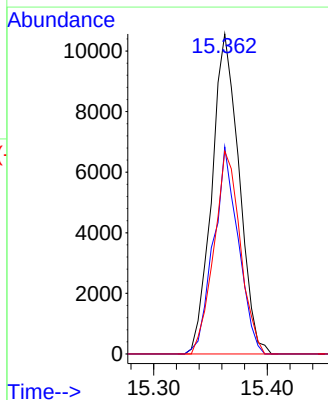
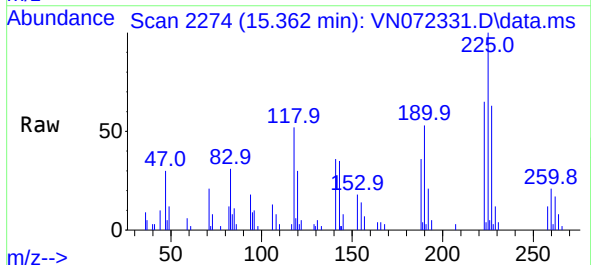
Manual Integrations
APPROVED

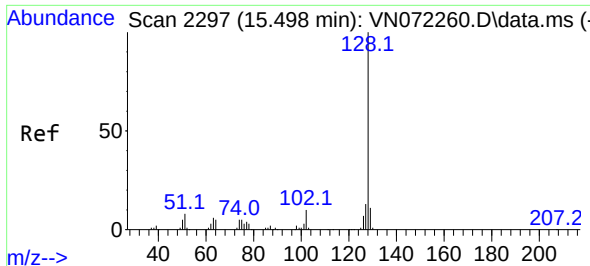
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#94
Hexachlorobutadiene
Concen: 15.634 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Tgt Ion:225 Resp: 17579
Ion Ratio Lower Upper
225 100
223 59.0 32.4 97.2
227 61.2 31.8 95.4





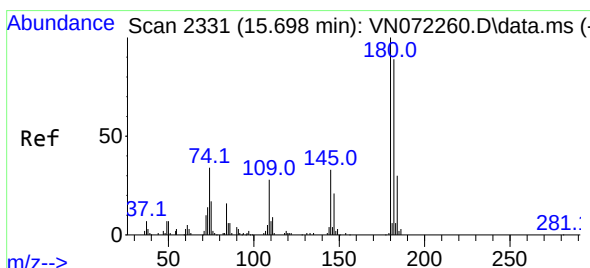
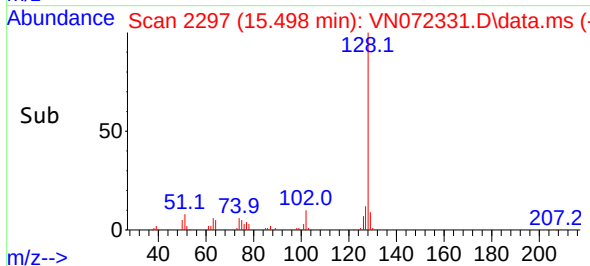
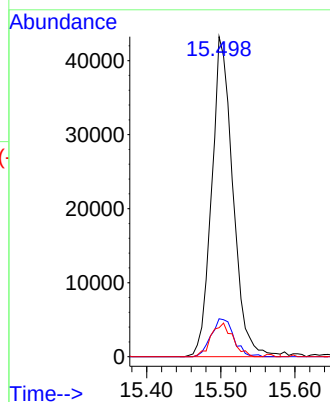
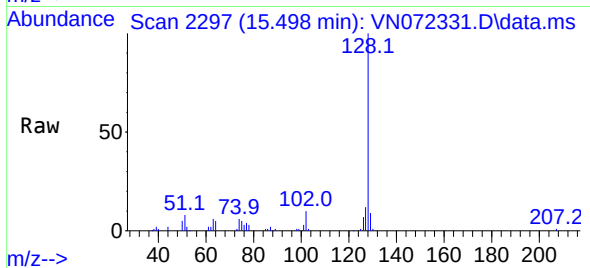
#95
Naphthalene
Concen: 16.338 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0504MBS01

Tgt Ion:128 Resp: 85910
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.953 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072331.D
Acq: 04 May 2022 16:26

Tgt Ion:180 Resp: 29164
Ion Ratio Lower Upper
180 100
182 98.3 47.8 143.3
145 35.5 15.5 46.5

