

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072318.D
 Acq On : 04 May 2022 10:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 04 14:18:40 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	218331	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	376297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	334130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	143406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	163329	48.728	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.460%		
35) Dibromofluoromethane	8.016	113	113698	47.207	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.420%		
50) Toluene-d8	10.439	98	434542	45.915	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.840%		
62) 4-Bromofluorobenzene	12.727	95	148348	47.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	113419	46.336	ug/l	98
3) Chloromethane	2.299	50	125185	45.516	ug/l	97
4) Vinyl Chloride	2.440	62	104876	42.670	ug/l	94
5) Bromomethane	2.828	94	61665	52.526	ug/l	95
6) Chloroethane	2.999	64	70950	51.107	ug/l	96
7) Trichlorofluoromethane	3.369	101	187396	43.642	ug/l	95
8) Diethyl Ether	3.822	74	71563	46.026	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	105994	46.994	ug/l	94
10) Methyl Iodide	4.422	142	120840	44.137	ug/l	# 88
11) Tert butyl alcohol	5.369	59	120081	218.000	ug/l	99
12) 1,1-Dichloroethene	4.181	96	91994	44.116	ug/l	88
13) Acrolein	4.040	56	113791	205.276	ug/l	96
14) Allyl chloride	4.834	41	201181	46.467	ug/l	# 95
15) Acrylonitrile	5.545	53	399464	240.320	ug/l	98
16) Acetone	4.281	43	342667	237.119	ug/l	95
17) Carbon Disulfide	4.528	76	202309	41.299	ug/l	98
18) Methyl Acetate	4.851	43	198510	49.136	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	395412	48.376	ug/l	98
20) Methylene Chloride	5.093	84	119368	43.092	ug/l	# 78
21) trans-1,2-Dichloroethene	5.598	96	101131	43.982	ug/l	91
22) Diisopropyl ether	6.492	45	450115	50.472	ug/l	97
23) Vinyl Acetate	6.428	43	1924747	256.982	ug/l	# 92
24) 1,1-Dichloroethane	6.381	63	233502	46.809	ug/l	99
25) 2-Butanone	7.328	43	569315	247.371	ug/l	91
26) 2,2-Dichloropropane	7.322	77	190726	48.946	ug/l	95
27) cis-1,2-Dichloroethene	7.316	96	131303	46.840	ug/l	91
28) Bromochloromethane	7.651	49	112316	50.283	ug/l	# 77
29) Tetrahydrofuran	7.681	42	377485	249.928	ug/l	# 84
30) Chloroform	7.816	83	231154	46.152	ug/l	98
31) Cyclohexane	8.092	56	189997	42.423	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	198223	46.506	ug/l	98
36) 1,1-Dichloropropene	8.216	75	161487	46.064	ug/l	95
37) Ethyl Acetate	7.404	43	233105	50.069	ug/l	# 93
38) Carbon Tetrachloride	8.204	117	168175	44.790	ug/l	99
39) Methylcyclohexane	9.457	83	175496	44.758	ug/l	93
40) Benzene	8.457	78	498054	45.802	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	120911	51.336	ug/l #	82
42) 1,2-Dichloroethane	8.522	62	196268	47.145	ug/l	97
43) Isopropyl Acetate	8.557	43	343981	47.104	ug/l #	93
44) Trichloroethene	9.210	130	112083	44.309	ug/l	92
45) 1,2-Dichloropropane	9.486	63	134444	45.755	ug/l	100
46) Dibromomethane	9.575	93	86625	47.061	ug/l	89
47) Bromodichloromethane	9.757	83	182347	47.213	ug/l	100
48) Methyl methacrylate	9.557	41	147903	48.093	ug/l	90
49) 1,4-Dioxane	9.563	88	48118	890.709	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1115538	253.947	ug/l	91
52) Toluene	10.498	92	300330	46.199	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	188795	48.627	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	202312	48.183	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	126983	46.587	ug/l	97
56) Ethyl methacrylate	10.757	69	203791	43.037	ug/l	87
57) 1,3-Dichloropropane	11.039	76	225257	47.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	258542	204.766	ug/l	93
59) 2-Hexanone	11.080	43	780213	252.091	ug/l	90
60) Dibromochloromethane	11.233	129	135629	48.661	ug/l	99
61) 1,2-Dibromoethane	11.339	107	126202	47.079	ug/l	100
64) Tetrachloroethene	10.975	164	95808	47.635	ug/l	93
65) Chlorobenzene	11.763	112	316433	46.871	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	124914	49.104	ug/l	98
67) Ethyl Benzene	11.839	91	583609	49.569	ug/l	100
68) m/p-Xylenes	11.951	106	448119	102.497	ug/l	97
69) o-Xylene	12.274	106	217870	51.403	ug/l	98
70) Styrene	12.292	104	354560	53.108	ug/l	98
71) Bromoform	12.451	173	93716	49.533	ug/l #	99
73) Isopropylbenzene	12.574	105	565100	44.617	ug/l	99
74) N-amyl acetate	12.386	43	219643	46.288	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.822	83	198070	46.796	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	174787m	52.032	ug/l	
77) Bromobenzene	12.857	156	124957	41.719	ug/l	84
78) n-propylbenzene	12.916	91	661842	47.433	ug/l	97
79) 2-Chlorotoluene	13.004	91	403639	44.042	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	479623	45.470	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	57121	46.056	ug/l	95
82) 4-Chlorotoluene	13.098	91	378491	44.365	ug/l	97
83) tert-Butylbenzene	13.321	119	415491	44.863	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	469739	46.027	ug/l	97
85) sec-Butylbenzene	13.498	105	585239	48.470	ug/l	98
86) p-Isopropyltoluene	13.610	119	470547	49.988	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	230475	47.543	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	227336	48.223	ug/l	98
89) n-Butylbenzene	13.939	91	369559	51.255	ug/l	97
90) Hexachloroethane	14.210	117	85164	41.677	ug/l	85
91) 1,2-Dichlorobenzene	13.986	146	228416	47.805	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	38065	43.454	ug/l	81
93) 1,2,4-Trichlorobenzene	15.257	180	93788	42.826	ug/l	98
94) Hexachlorobutadiene	15.363	225	57540	44.941	ug/l	98
95) Naphthalene	15.504	128	286613	39.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	98171	44.884	ug/l	96

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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

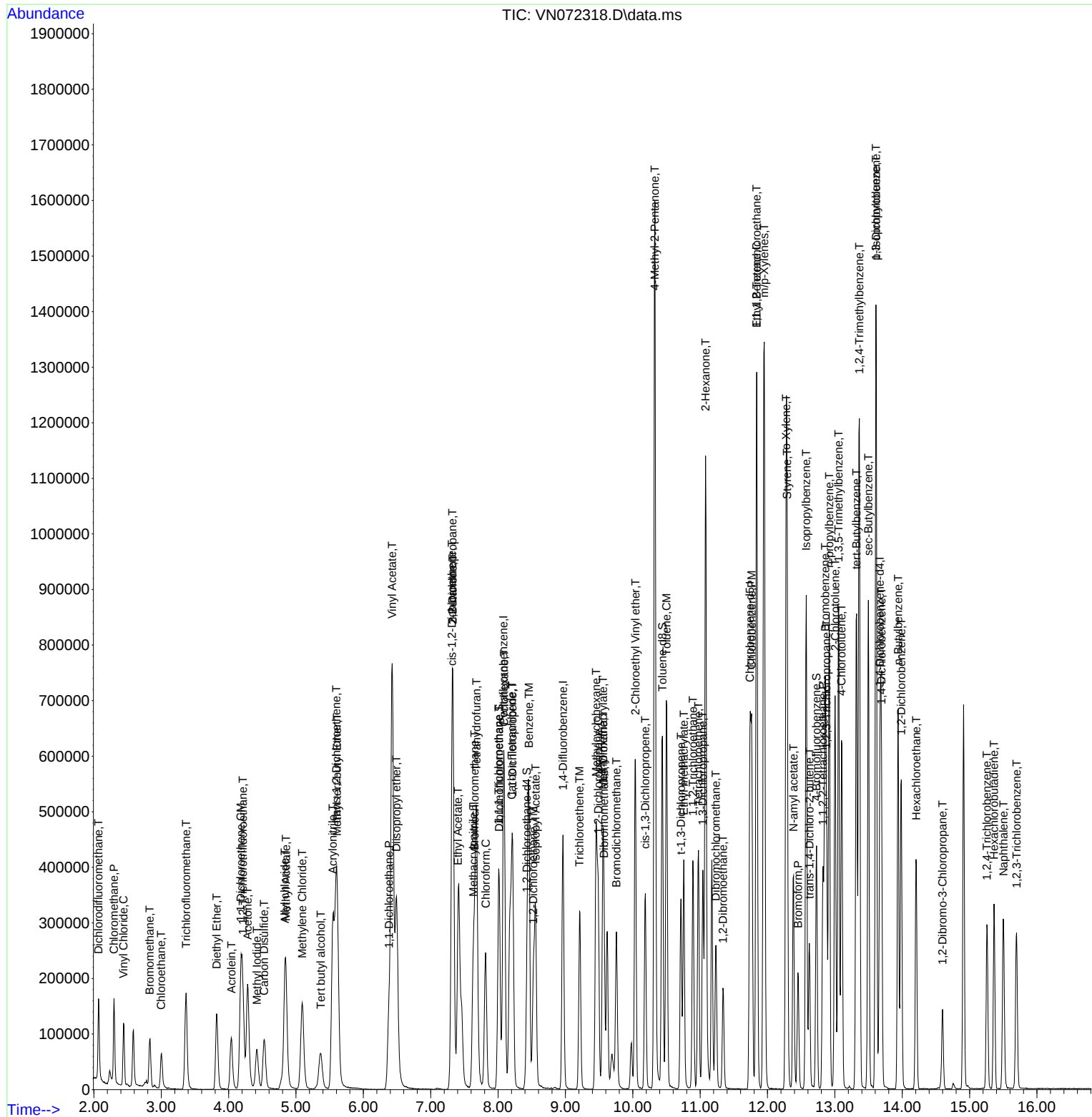
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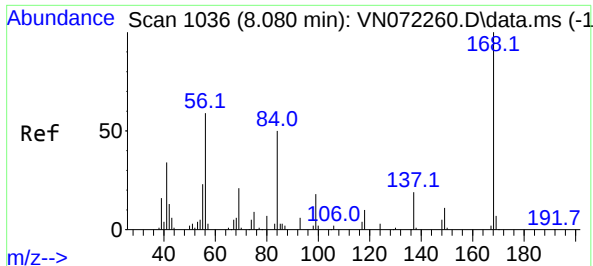
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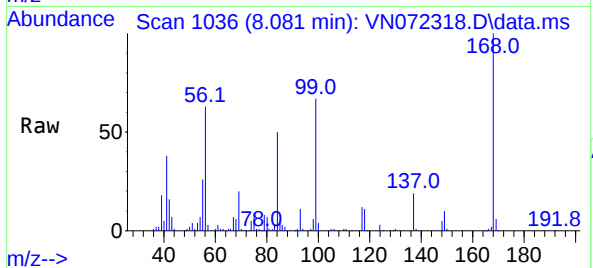
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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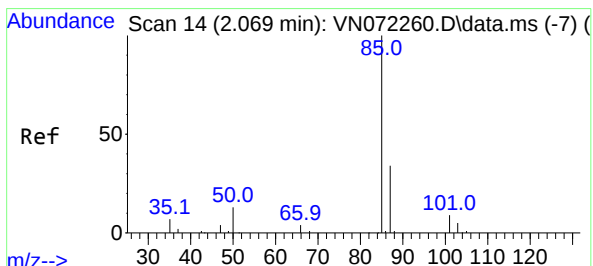
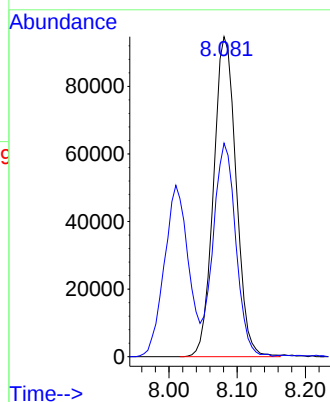
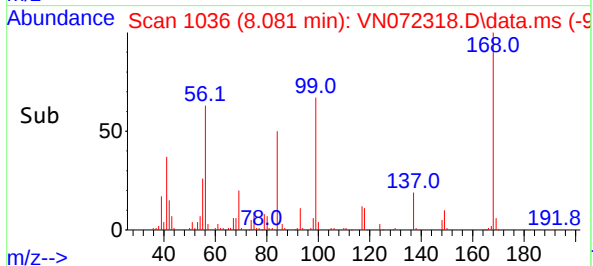
Instrument :
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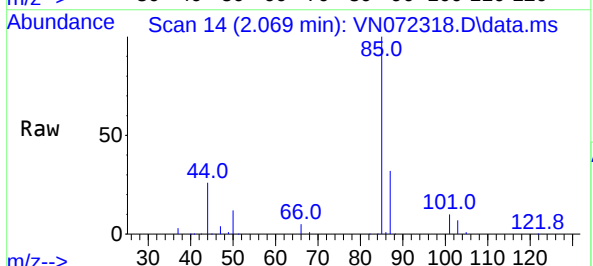
Tgt Ion:168 Resp: 21833
Ion Ratio Lower Upper
168 100
99 66.3 42.3 63.5

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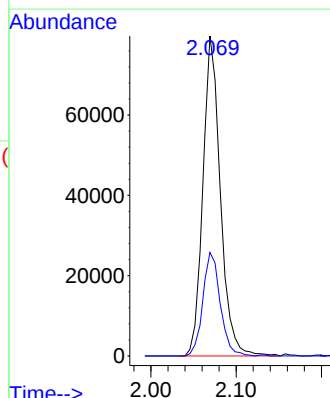
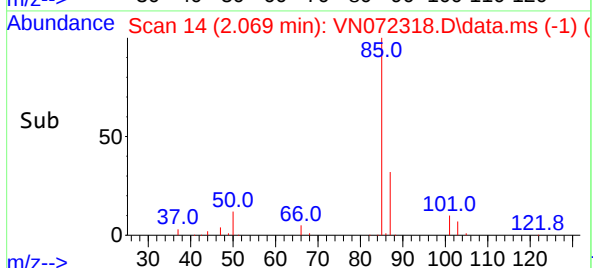
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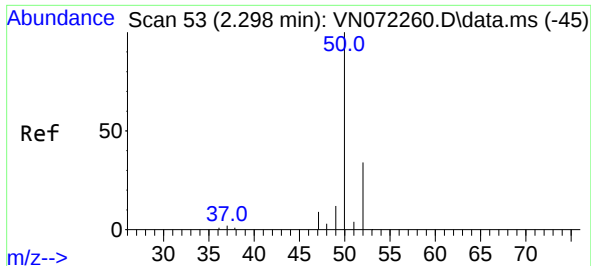


#2
Dichlorodifluoromethane
Concen: 46.336 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



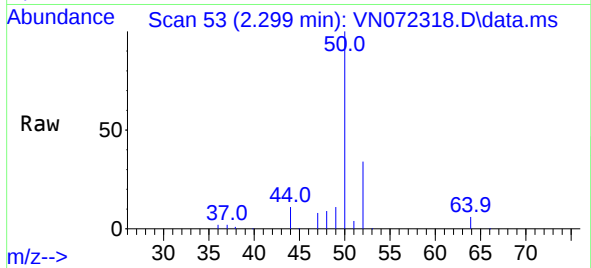
Tgt Ion: 85 Resp: 113419
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3
Chloromethane
Concen: 45.516 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

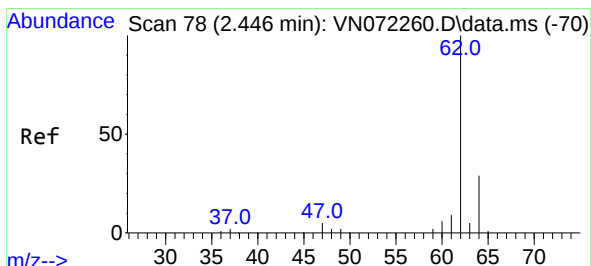
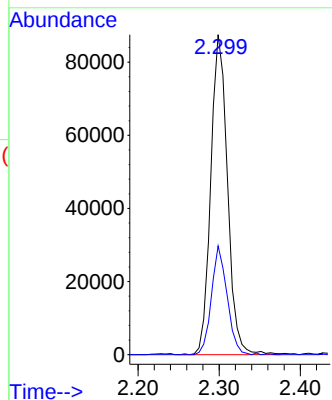
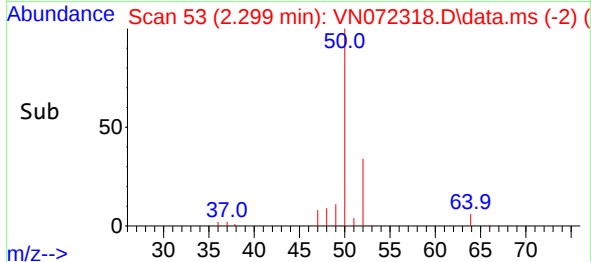
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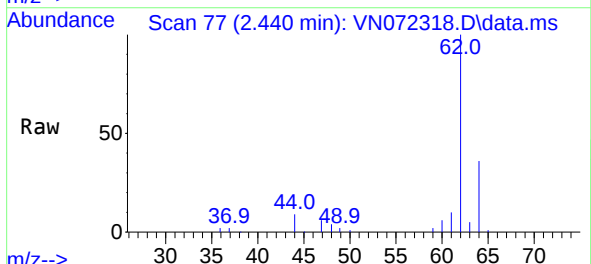
Tgt Ion: 50 Resp: 12518
Ion Ratio Lower Upper
50 100
52 34.0 25.7 38.5

Manual Integrations
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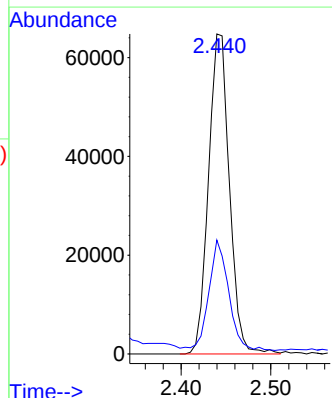
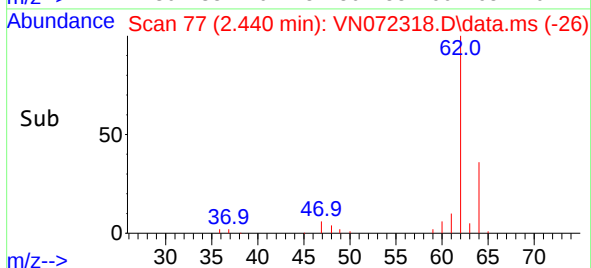
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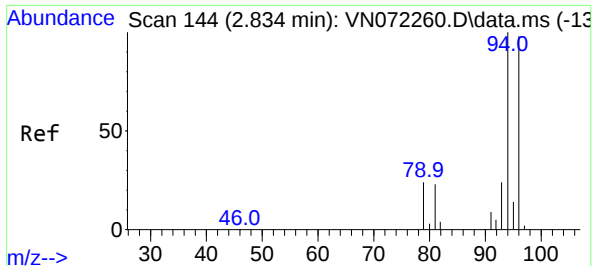


#4
Vinyl Chloride
Concen: 42.670 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



Tgt Ion: 62 Resp: 104876
Ion Ratio Lower Upper
62 100
64 34.3 25.0 37.4





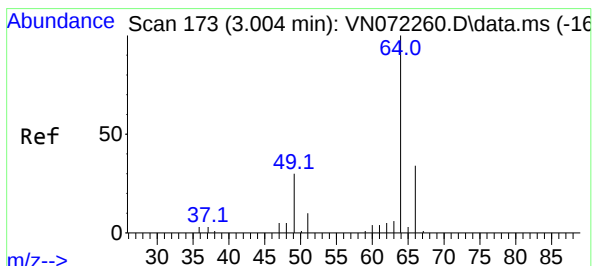
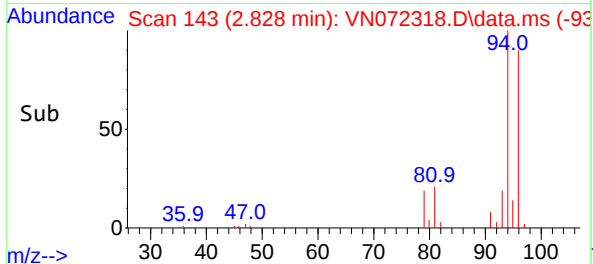
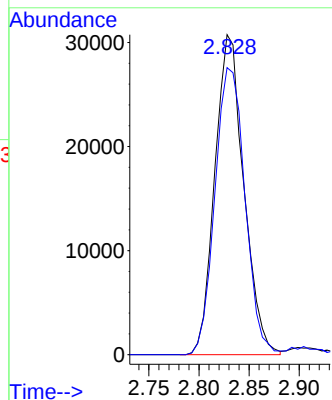
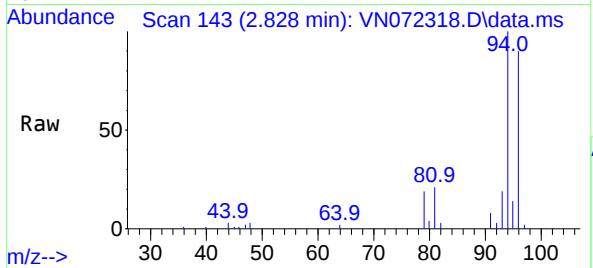
#5
Bromomethane
Concen: 52.526 ug/l
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN072318.D
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Instrument :
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Tgt Ion: 94 Resp: 6166
Ion Ratio Lower Upper
94 100
96 89.7 76.0 114.0

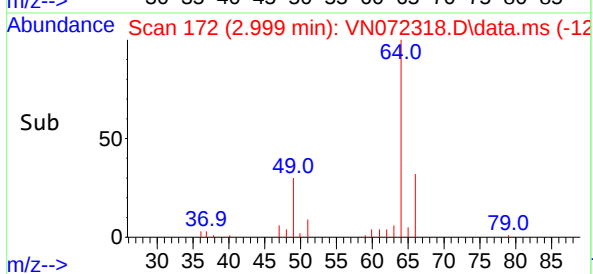
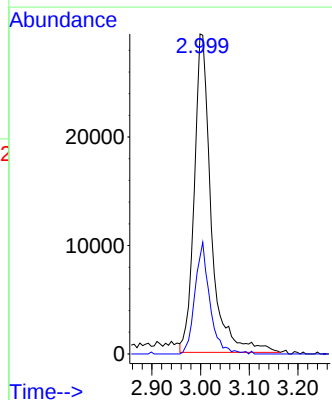
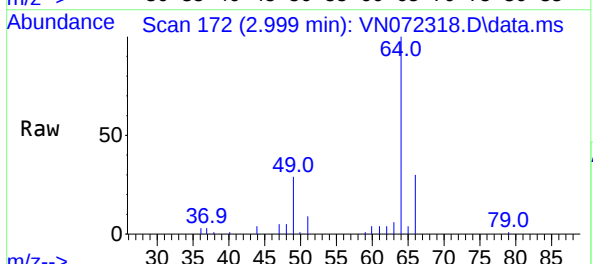
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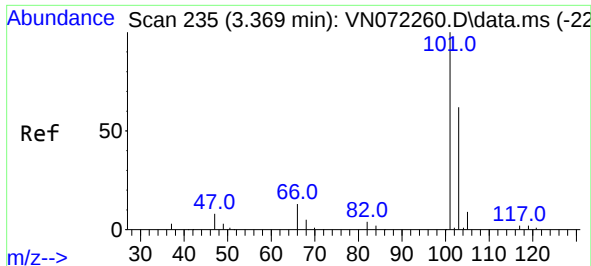
Reviewed By :John Carlone 05/05/2022
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#6
Chloroethane
Concen: 51.107 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

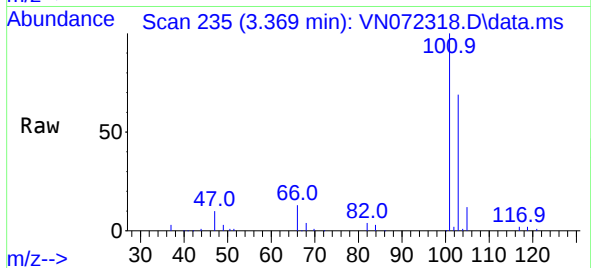
Tgt Ion: 64 Resp: 70950
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 43.642 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

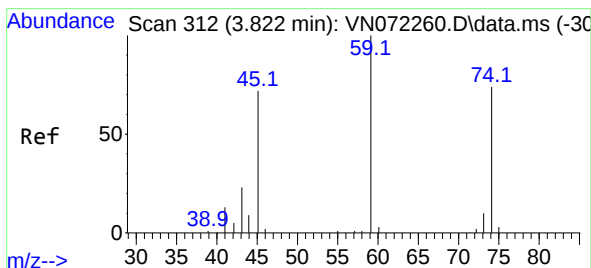
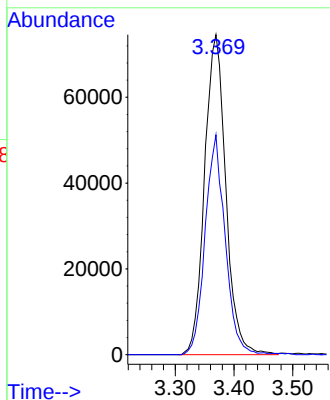
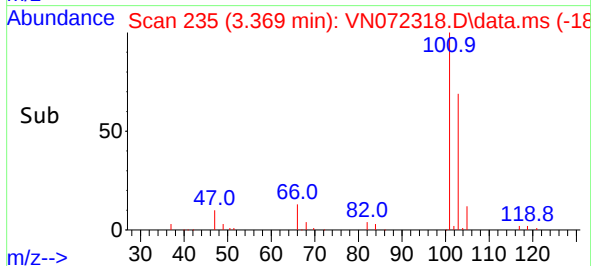
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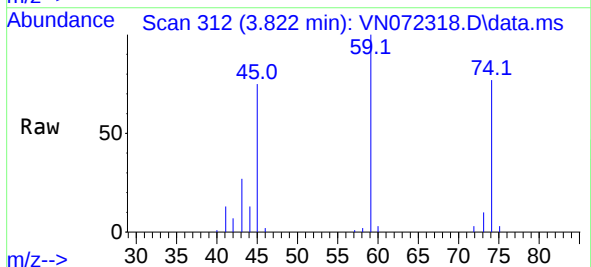
Tgt Ion:101 Resp: 187390
Ion Ratio Lower Upper
101 100
103 68.6 51.5 77.3

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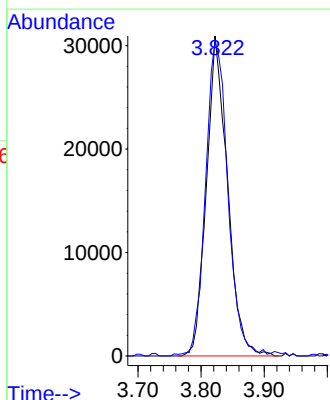
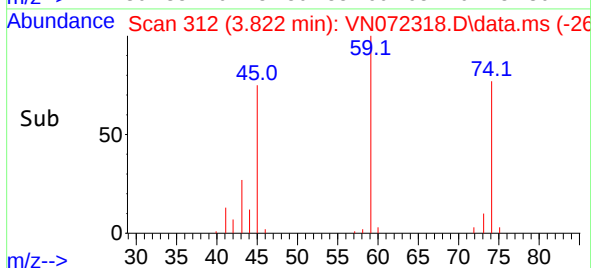
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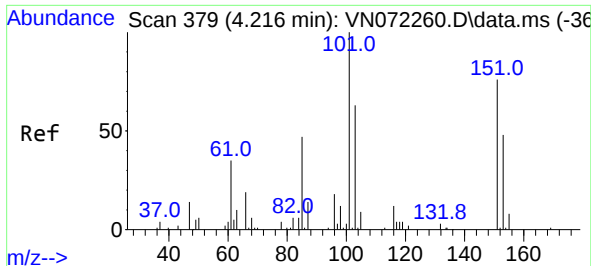


#8
Diethyl Ether
Concen: 46.026 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



Tgt Ion: 74 Resp: 71563
Ion Ratio Lower Upper
74 100
45 104.9 42.9 128.5





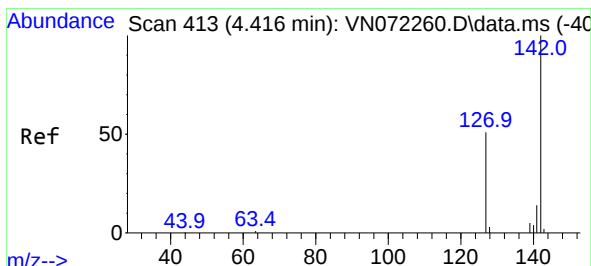
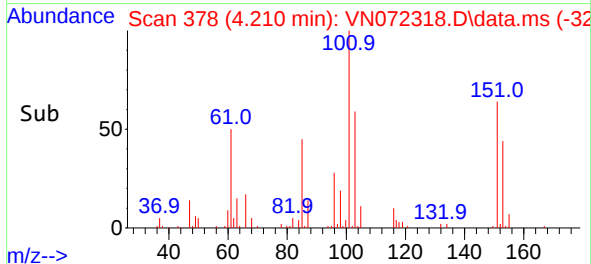
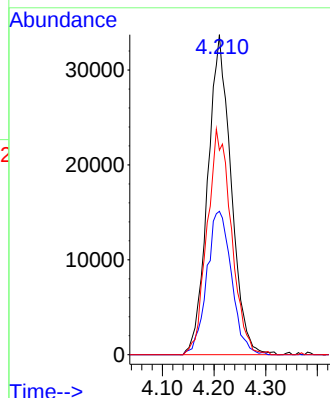
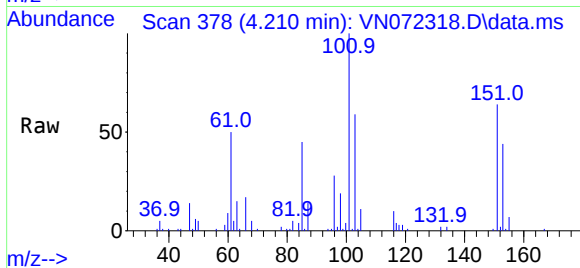
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.994 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 105994
Ion Ratio Lower Upper
101 100
85 47.3 34.7 52.1
151 73.3 63.0 94.4

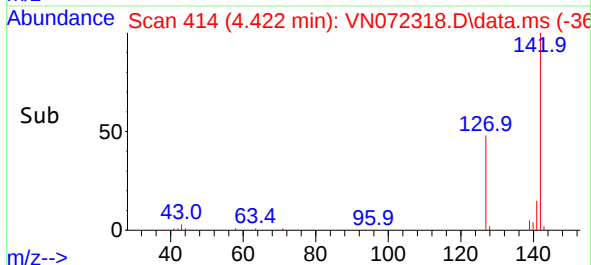
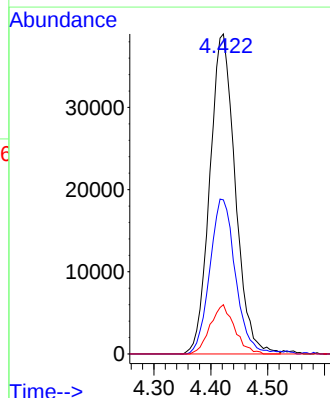
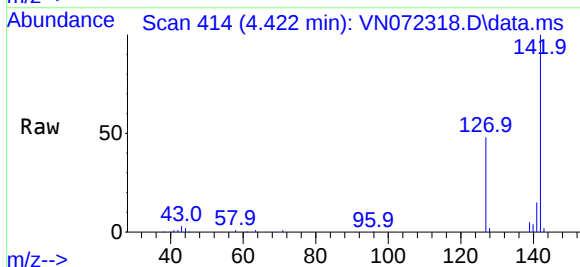
Manual Integrations
APPROVED

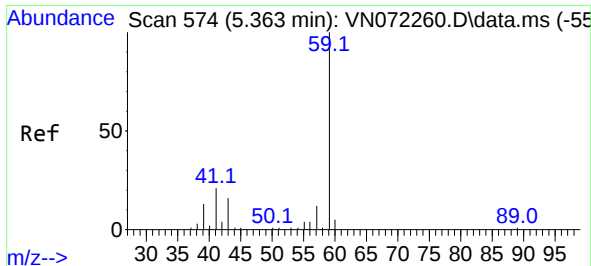
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#10
Methyl Iodide
Concen: 44.137 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

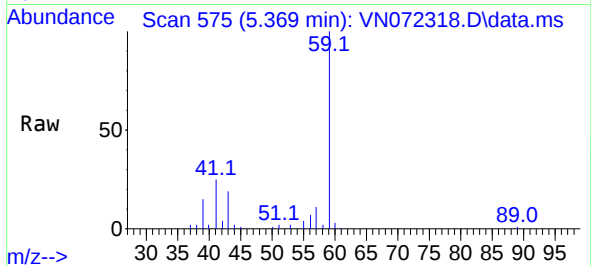
Tgt Ion:142 Resp: 120840
Ion Ratio Lower Upper
142 100
127 49.0 31.3 46.9#
141 14.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 218.000 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

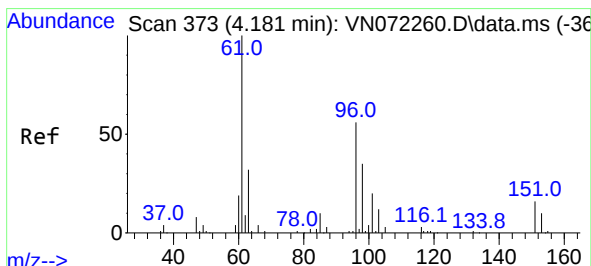
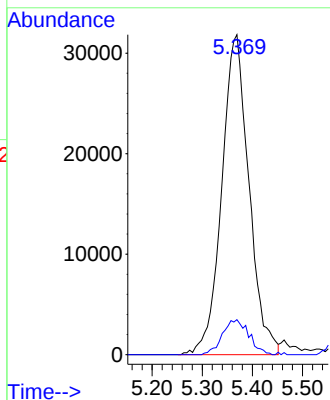
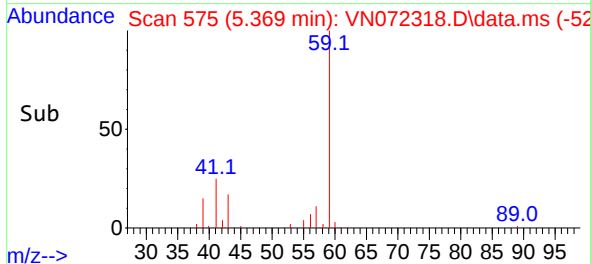
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



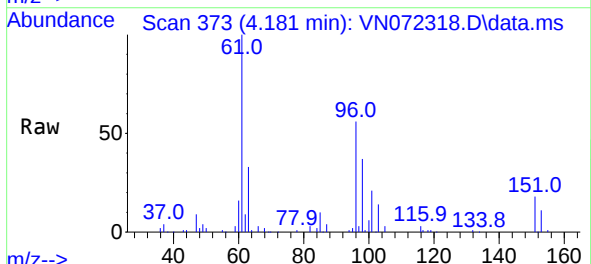
Tgt Ion: 59 Resp: 12008
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

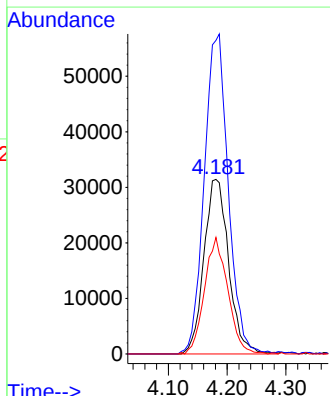
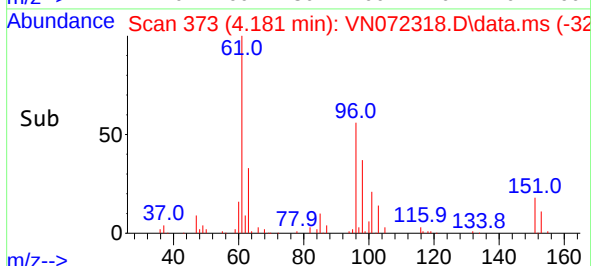
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

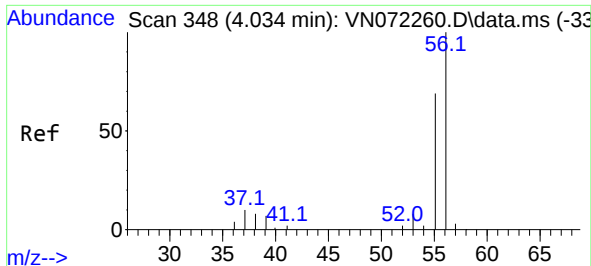


#12
1,1-Dichloroethene
Concen: 44.116 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



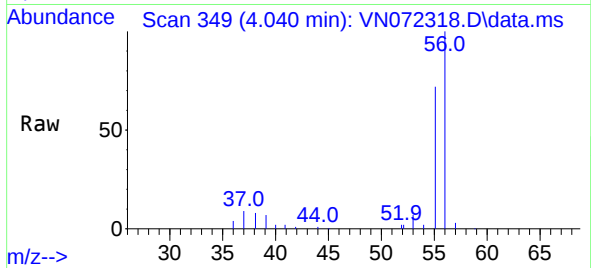
Tgt Ion: 96 Resp: 91994
Ion Ratio Lower Upper
96 100
61 179.6 127.6 191.4
98 66.7 51.2 76.8





#13
Acrolein
Concen: 205.276 ug/l
RT: 4.040 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

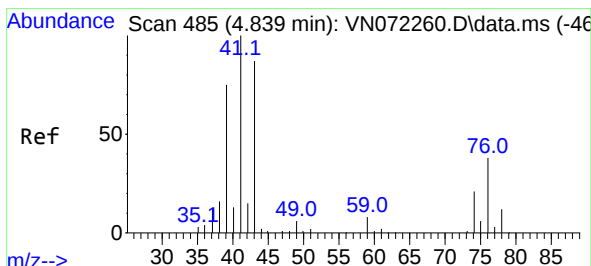
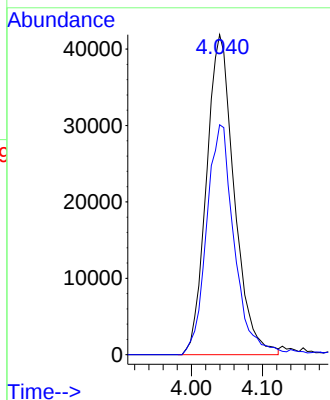
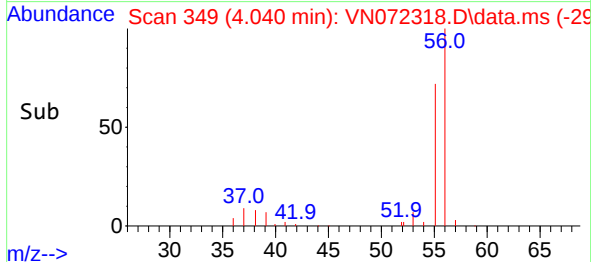
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



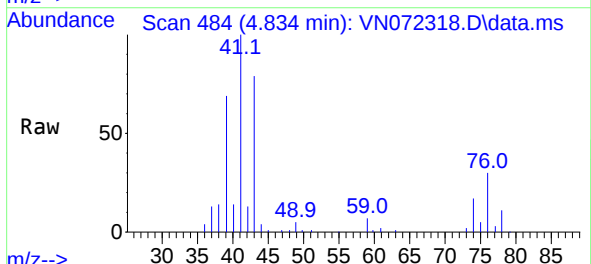
Tgt Ion: 56 Resp: 11379
Ion Ratio Lower Upper
56 100
55 71.5 54.8 82.2

Manual Integrations
APPROVED

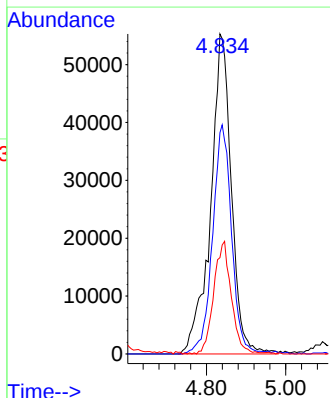
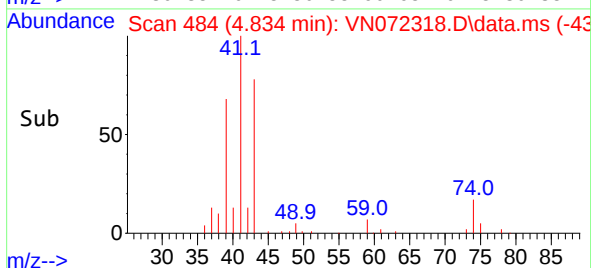
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

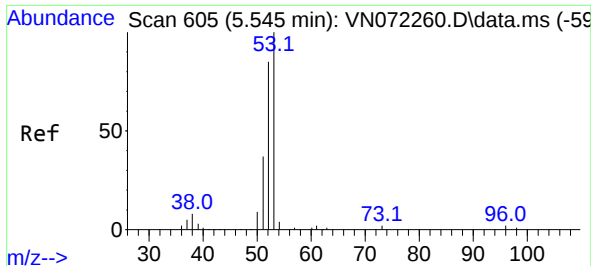


#14
Allyl chloride
Concen: 46.467 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



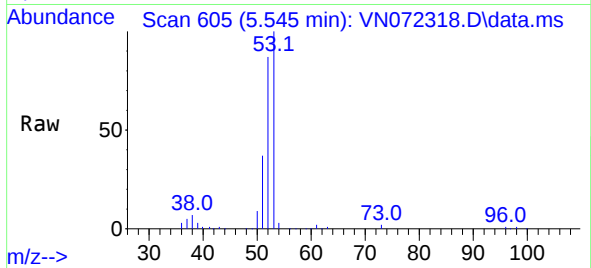
Tgt Ion: 41 Resp: 201181
Ion Ratio Lower Upper
41 100
39 65.7 53.2 79.8
76 29.7 29.9 44.9#





#15
Acrylonitrile
Concen: 240.320 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

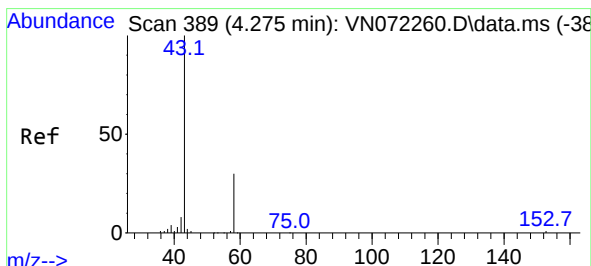
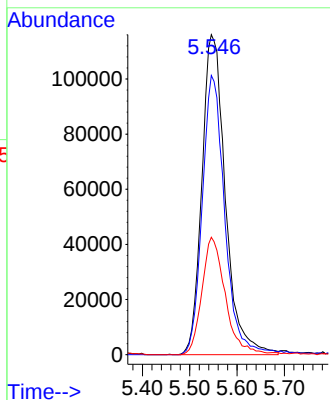
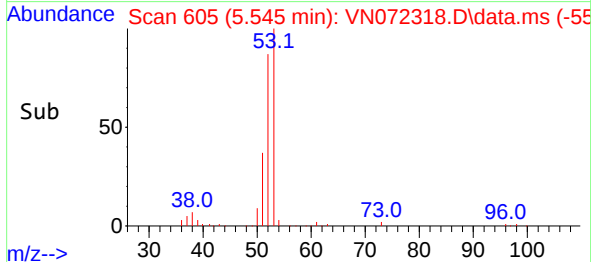
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



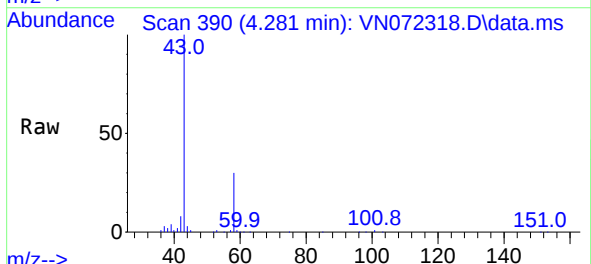
Tgt Ion: 53 Resp: 399464
Ion Ratio Lower Upper
53 100
52 84.4 66.4 99.6
51 36.4 28.5 42.7

Manual Integrations
APPROVED

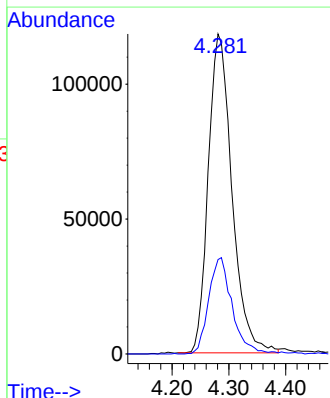
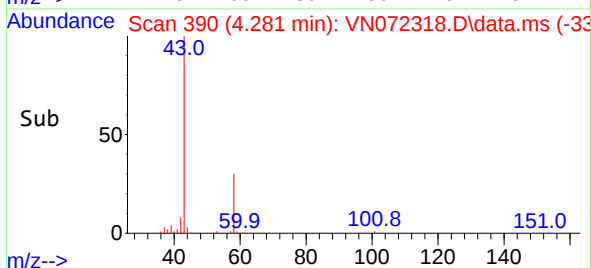
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

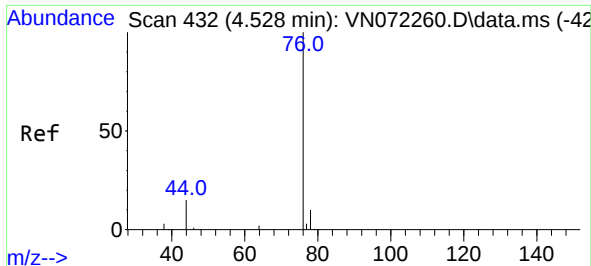


#16
Acetone
Concen: 237.119 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



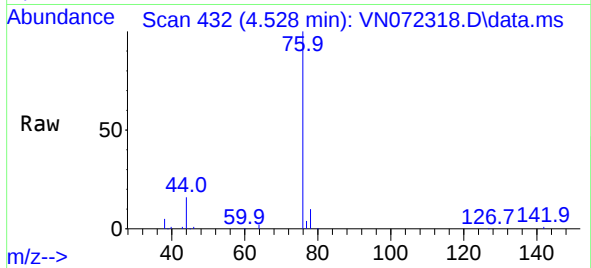
Tgt Ion: 43 Resp: 342667
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0





#17
Carbon Disulfide
Concen: 41.299 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

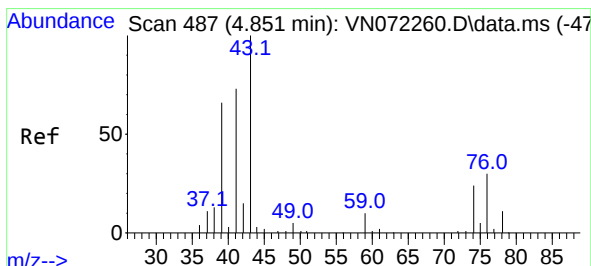
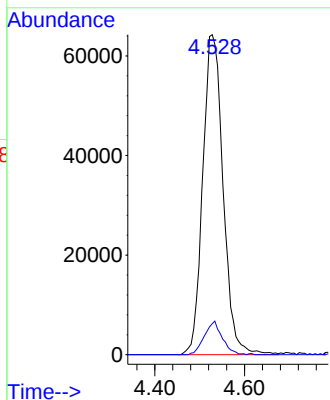
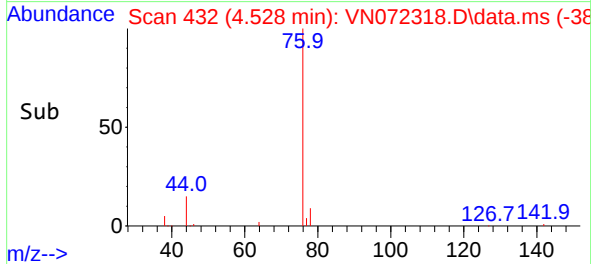
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



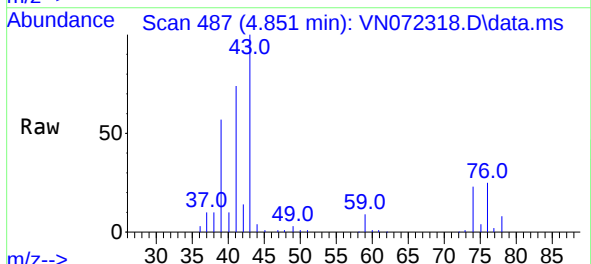
Tgt Ion: 76 Resp: 202309
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

Manual Integrations
APPROVED

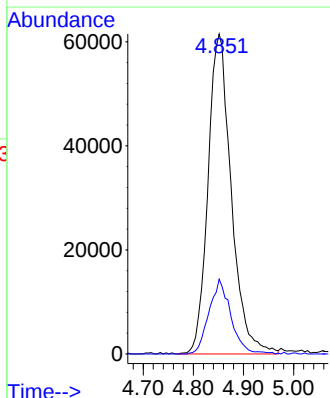
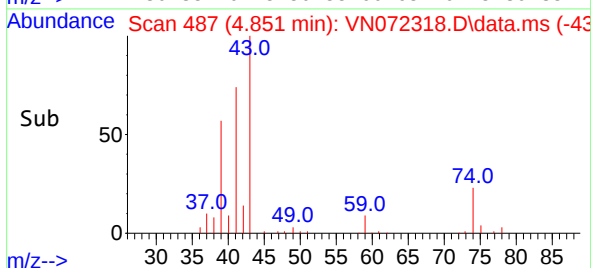
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

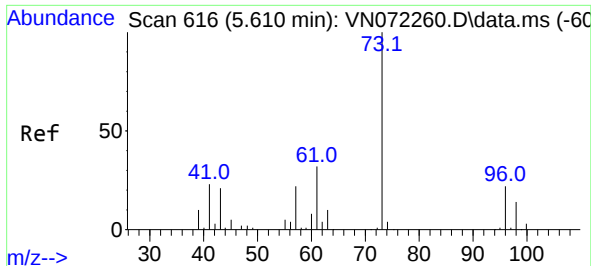


#18
Methyl Acetate
Concen: 49.136 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



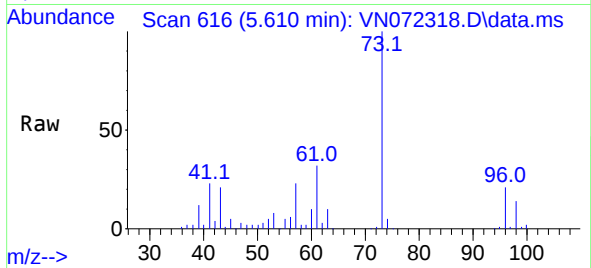
Tgt Ion: 43 Resp: 198510
Ion Ratio Lower Upper
43 100
74 21.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 48.376 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

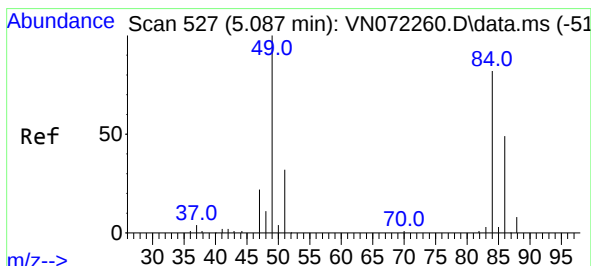
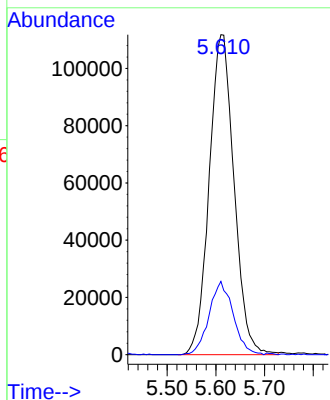
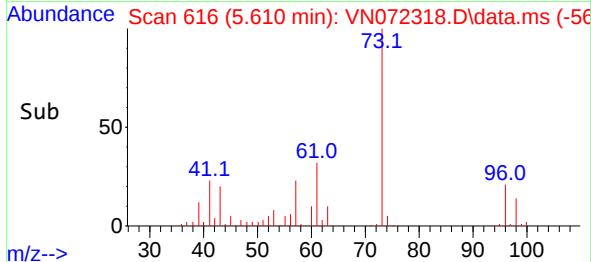
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



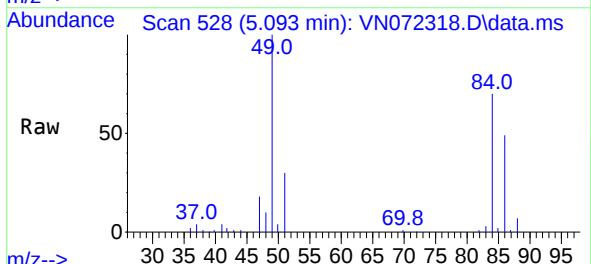
Tgt Ion: 73 Resp: 395412
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

Manual Integrations
APPROVED

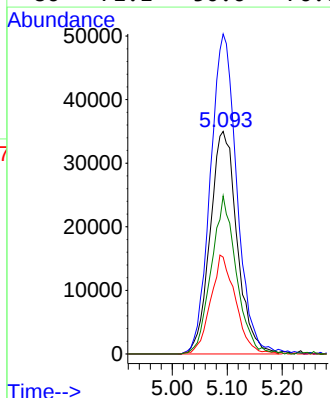
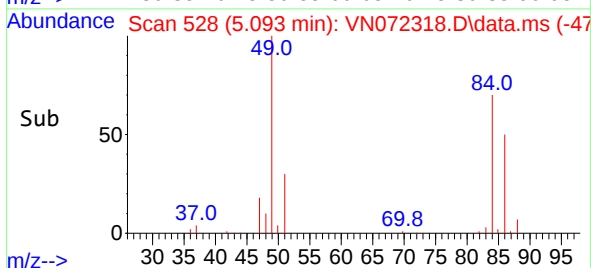
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

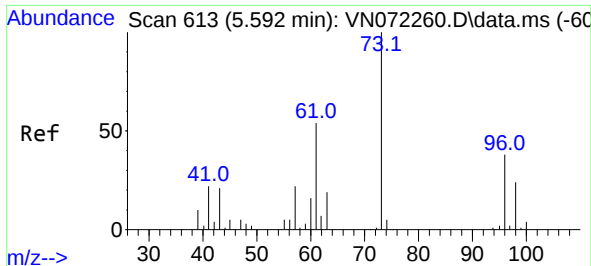


#20
Methylene Chloride
Concen: 43.092 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



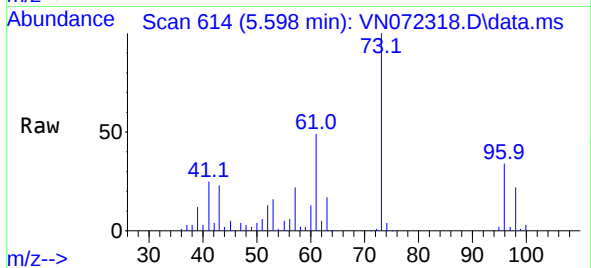
Tgt Ion: 84 Resp: 119368
Ion Ratio Lower Upper
84 100
49 143.8 88.3 132.5#
51 43.5 28.2 42.2#
86 71.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 43.982 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

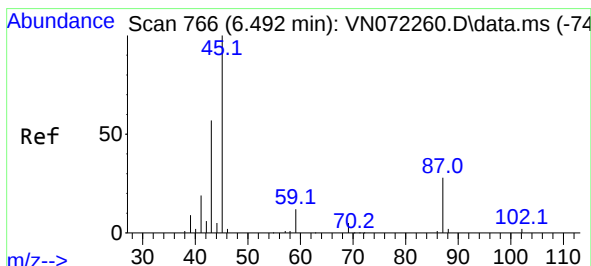
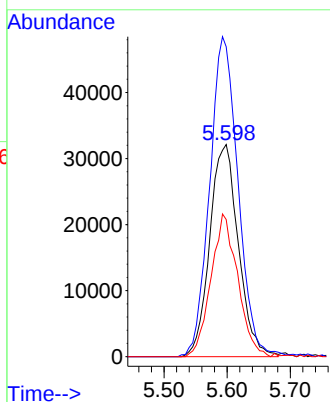
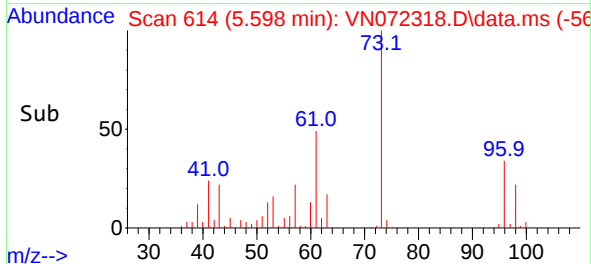
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



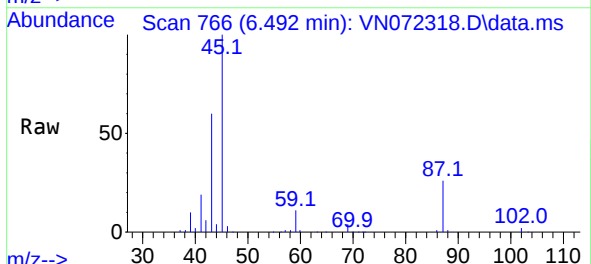
Tgt Ion: 96 Resp: 10113
Ion Ratio Lower Upper
96 100
61 146.1 105.8 158.8
98 64.7 50.3 75.5

Manual Integrations
APPROVED

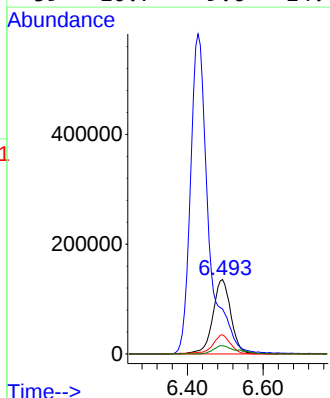
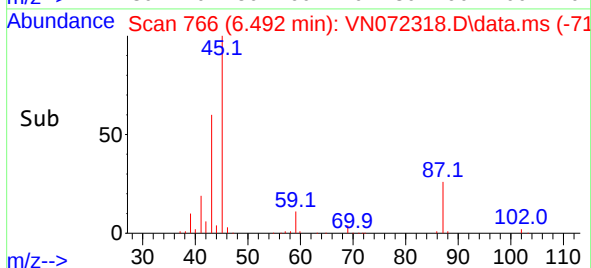
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

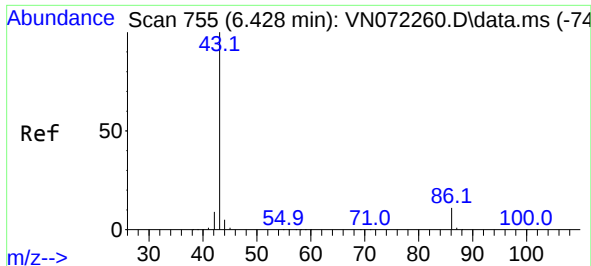


#22
Diisopropyl ether
Concen: 50.472 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



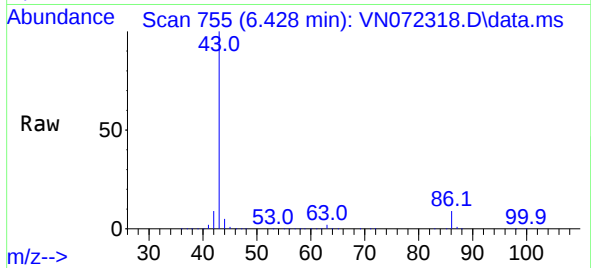
Tgt Ion: 45 Resp: 450115
Ion Ratio Lower Upper
45 100
43 59.0 46.6 70.0
87 25.9 24.3 36.5
59 10.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 256.982 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072318.D
 Acq: 04 May 2022 10:37

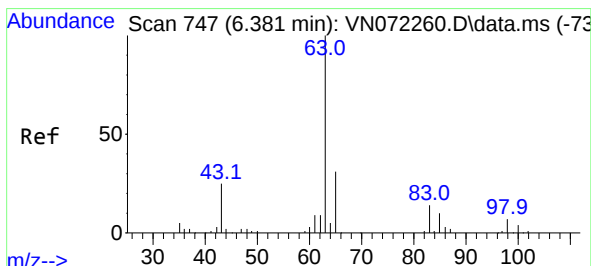
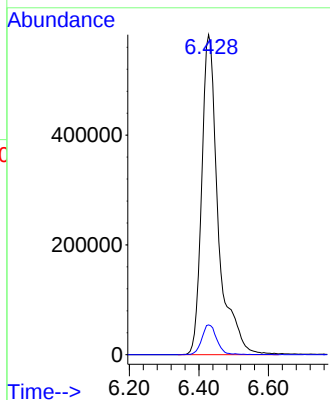
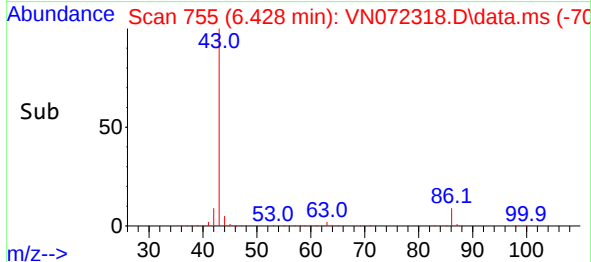
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



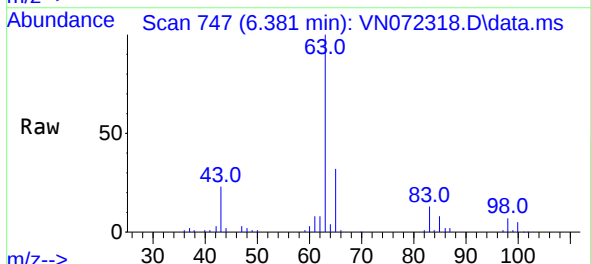
Tgt Ion: 43 Resp: 192474
 Ion Ratio Lower Upper
 43 100
 86 9.3 10.0 15.0

Manual Integrations
 APPROVED

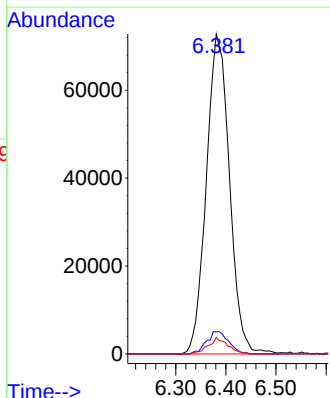
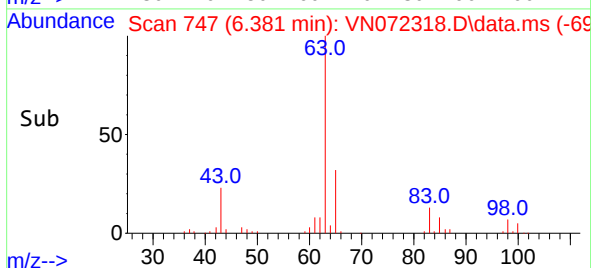
Reviewed By :John Carlone 05/05/2022
 Supervised By :Mahesh Dadoda 05/05/2022

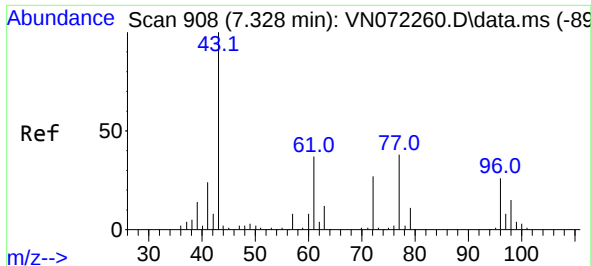


#24
 1,1-Dichloroethane
 Concen: 46.809 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072318.D
 Acq: 04 May 2022 10:37



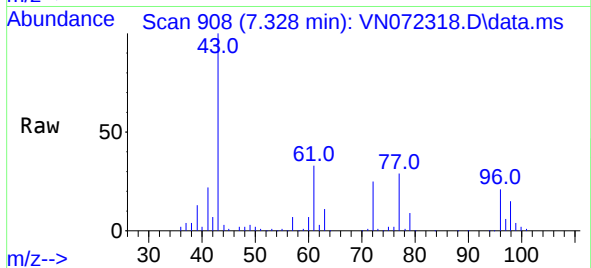
Tgt Ion: 63 Resp: 233502
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 5.2 2.3 6.8





#25
2-Butanone
Concen: 247.371 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

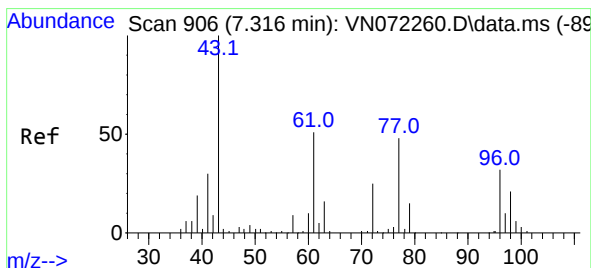
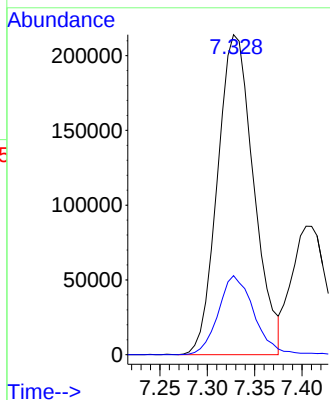
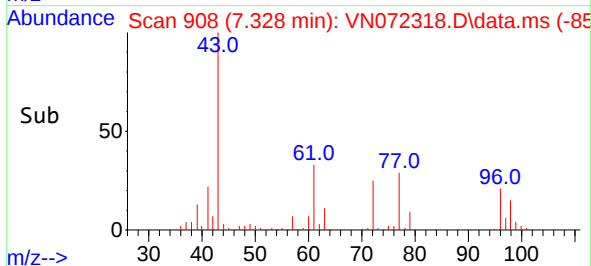
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



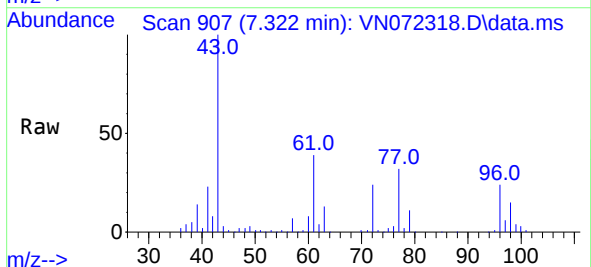
Tgt Ion: 43 Resp: 569315
Ion Ratio Lower Upper
43 100
72 24.7 23.7 35.5

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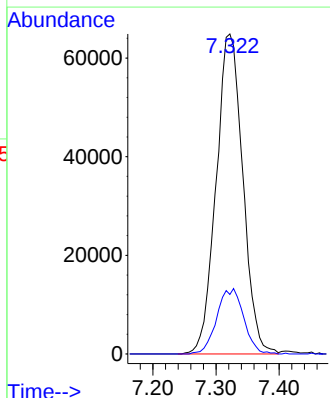
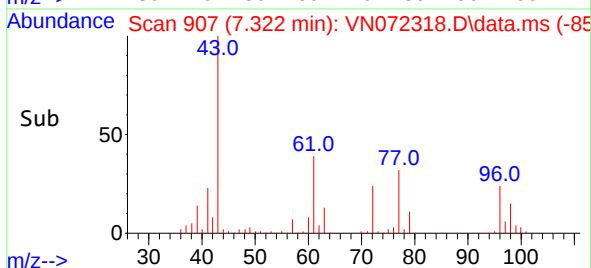
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

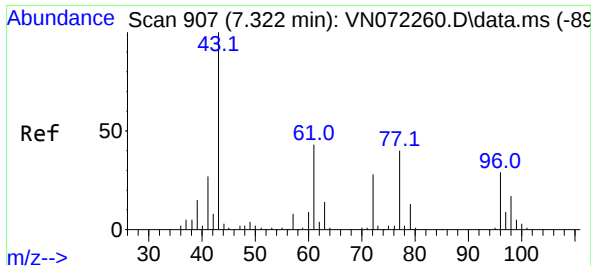


#26
2,2-Dichloropropane
Concen: 48.946 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



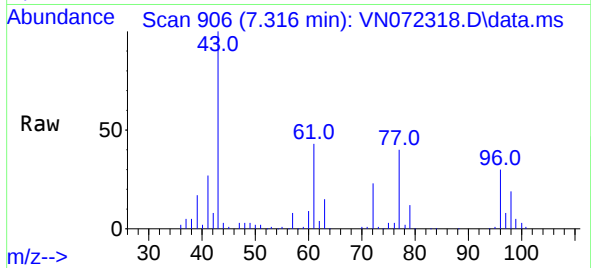
Tgt Ion: 77 Resp: 190726
Ion Ratio Lower Upper
77 100
97 20.5 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 46.840 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

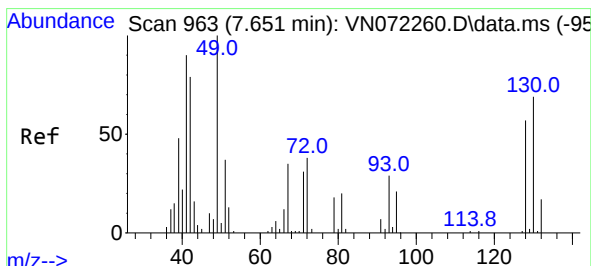
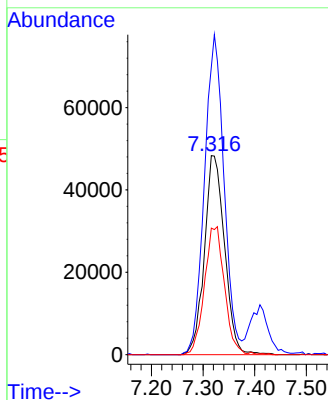
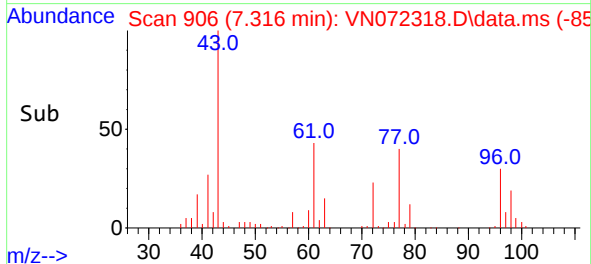
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 13130
Ion Ratio Lower Upper
96 100
61 155.7 0.0 280.6
98 63.5 0.0 128.4

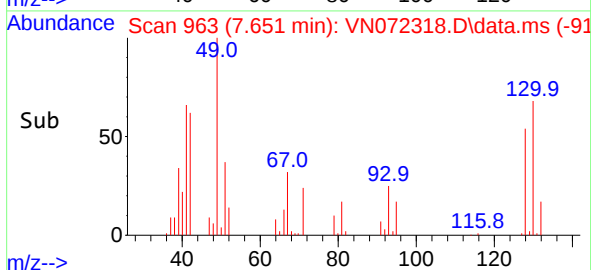
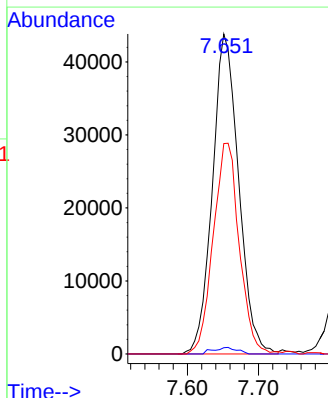
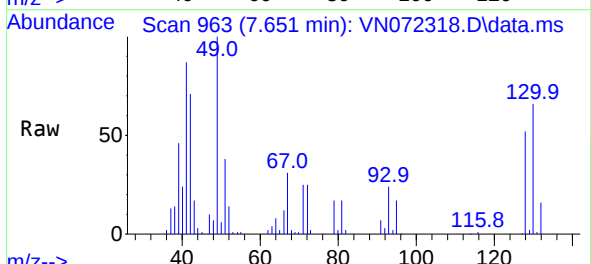
Manual Integrations
APPROVED

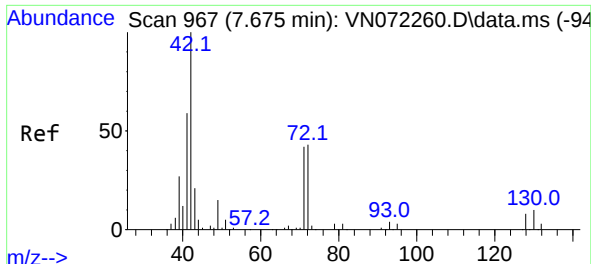
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#28
Bromochloromethane
Concen: 50.283 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion: 49 Resp: 112316
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 65.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 249.928 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072318.D

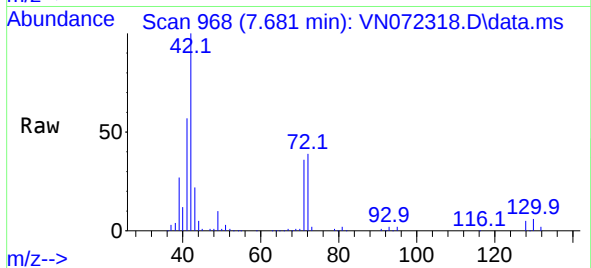
Acq: 04 May 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 37748

Ion Ratio Lower Upper

42 100

72 38.2 39.7 59.5

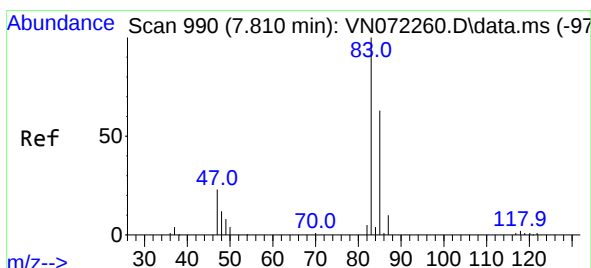
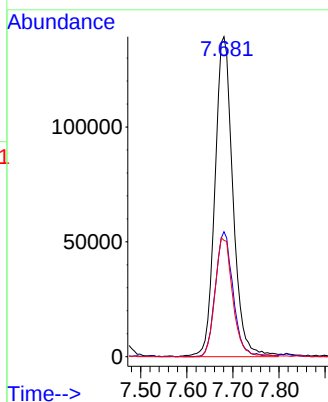
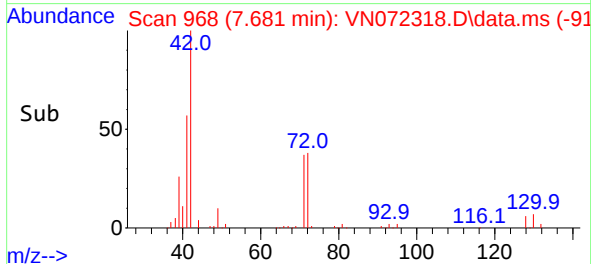
71 36.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#30

Chloroform

Concen: 46.152 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072318.D

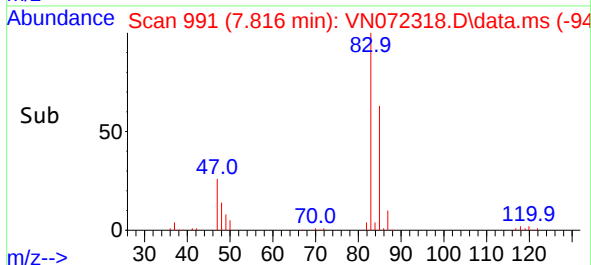
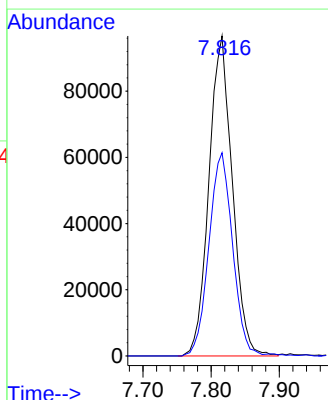
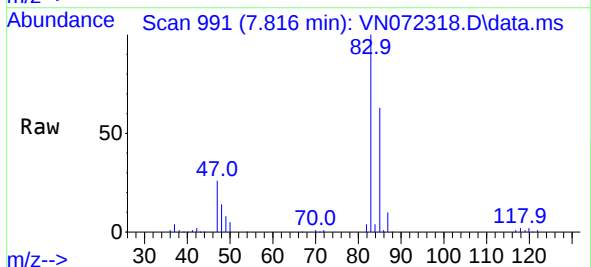
Acq: 04 May 2022 10:37

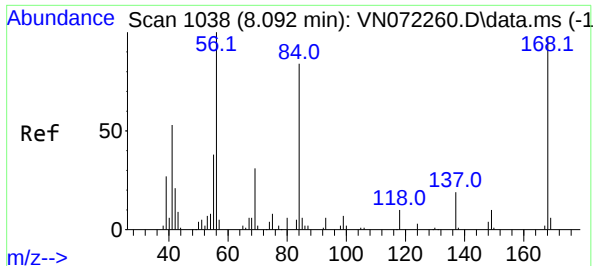
Tgt Ion: 83 Resp: 231154

Ion Ratio Lower Upper

83 100

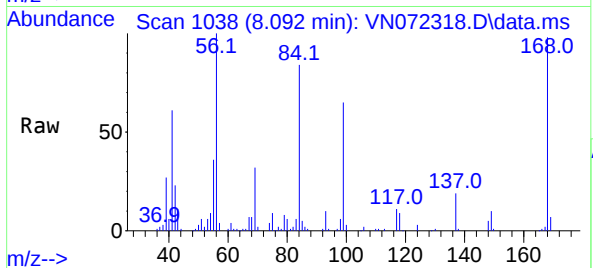
85 63.5 51.8 77.8





#31
Cyclohexane
Concen: 42.423 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

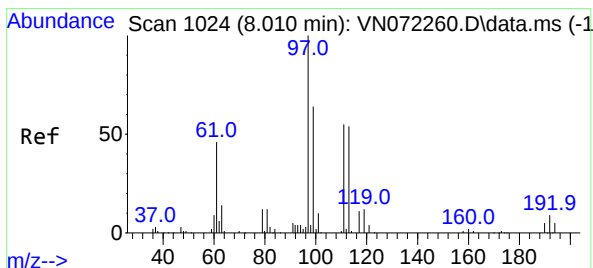
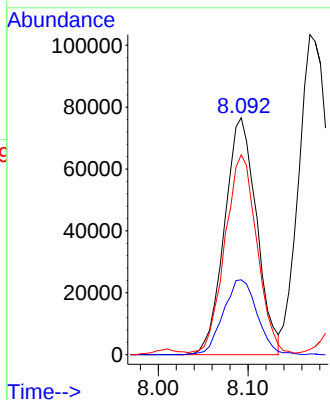
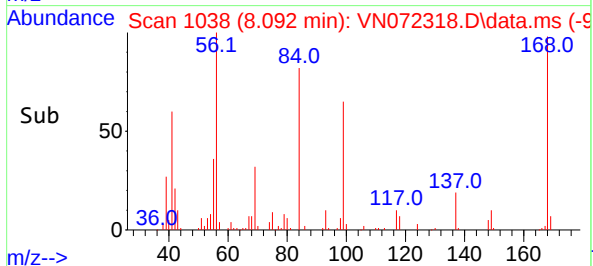
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



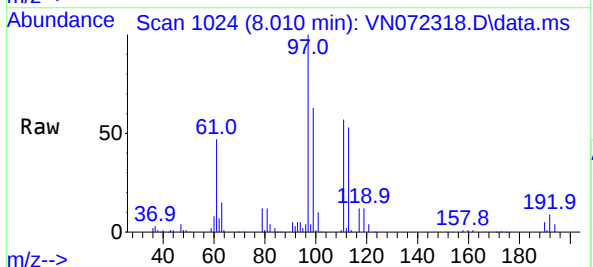
Tgt Ion: 56 Resp: 189997
Ion Ratio Lower Upper
56 100
69 31.6 27.8 41.8
84 83.0 76.9 115.3

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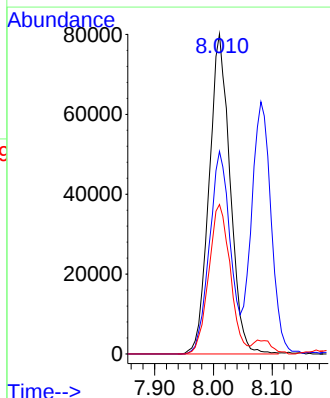
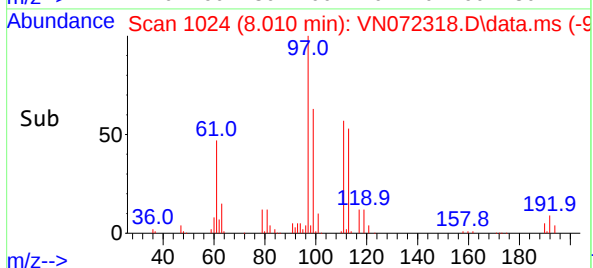
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

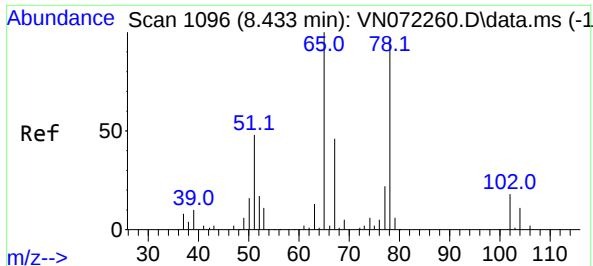


#32
1,1,1-Trichloroethane
Concen: 46.506 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



Tgt Ion: 97 Resp: 198223
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 48.2 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 48.728 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

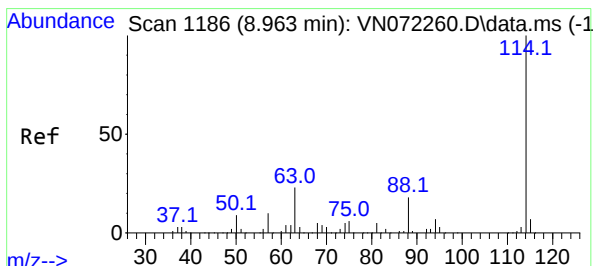
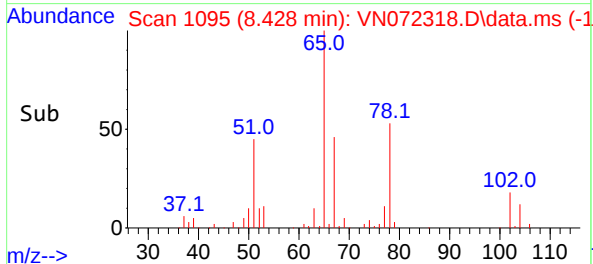
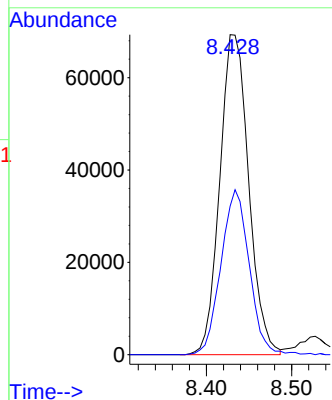
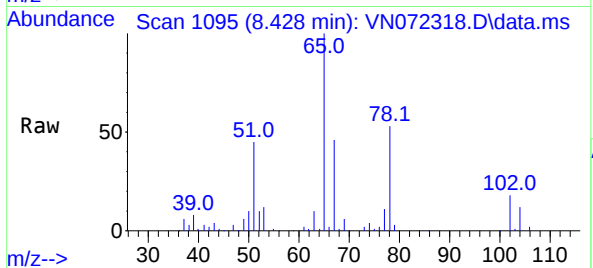
VSTDCCC050

Tgt Ion: 65 Resp: 163329
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.8

Manual Integrations

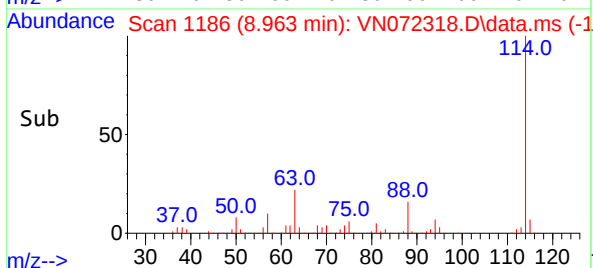
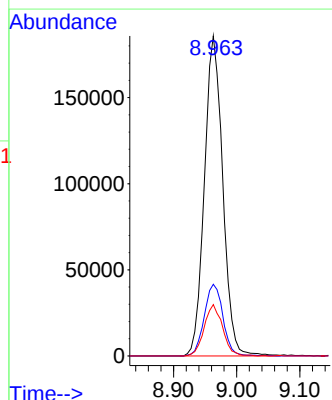
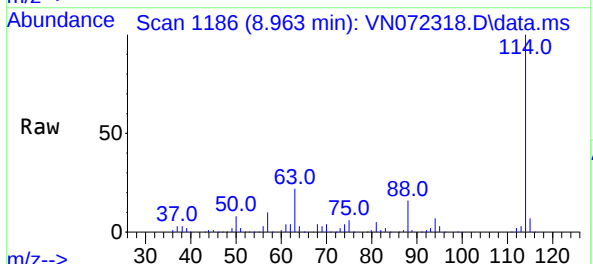
APPROVED

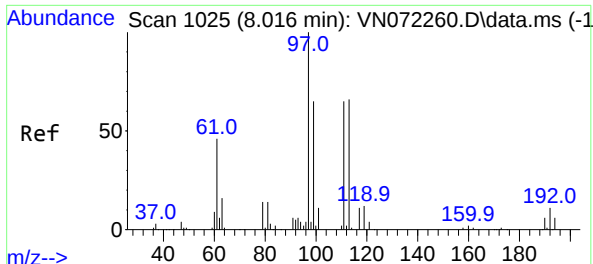
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

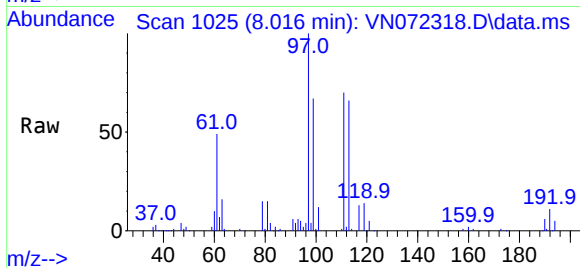
Tgt Ion:114 Resp: 376297
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.207 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

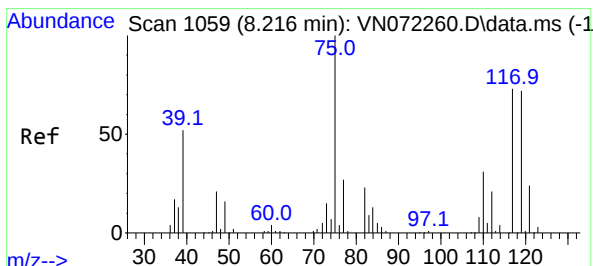
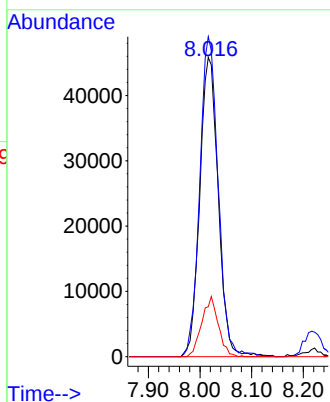
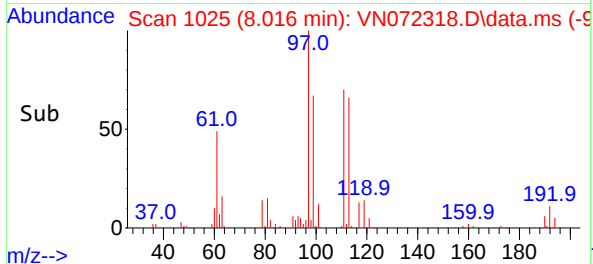
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



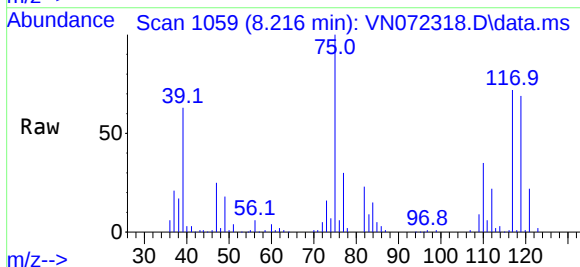
Tgt Ion:113 Resp: 113698
Ion Ratio Lower Upper
113 100
111 106.7 81.4 122.0
192 18.1 17.0 25.6

Manual Integrations
APPROVED

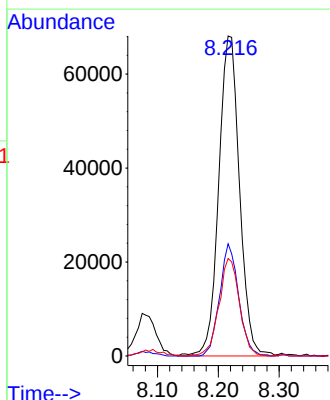
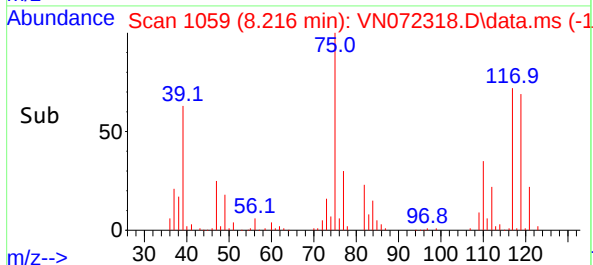
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

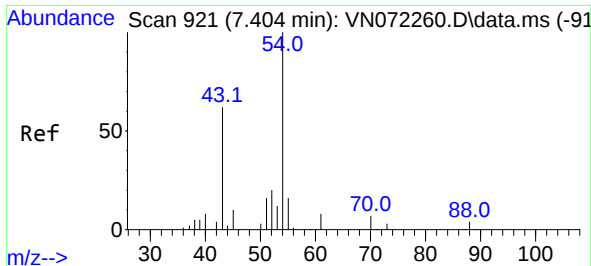


#36
1,1-Dichloropropene
Concen: 46.064 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



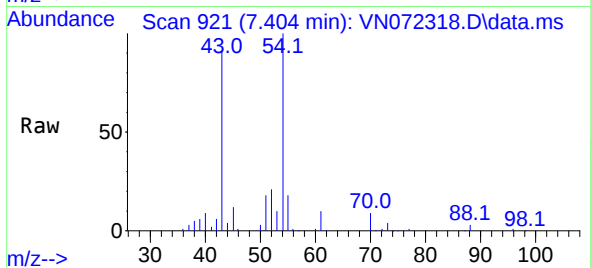
Tgt Ion: 75 Resp: 161487
Ion Ratio Lower Upper
75 100
110 32.1 18.3 54.8
77 30.0 25.1 37.7





#37
Ethyl Acetate
Concen: 50.069 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

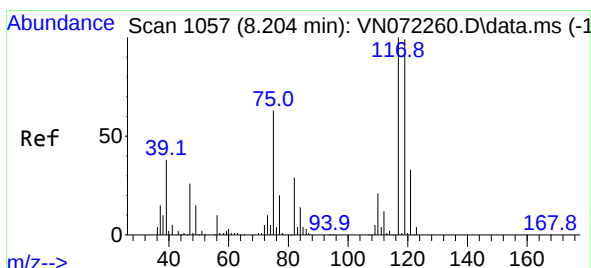
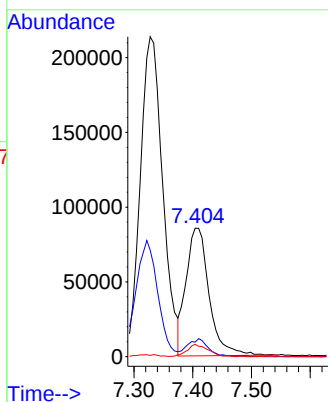
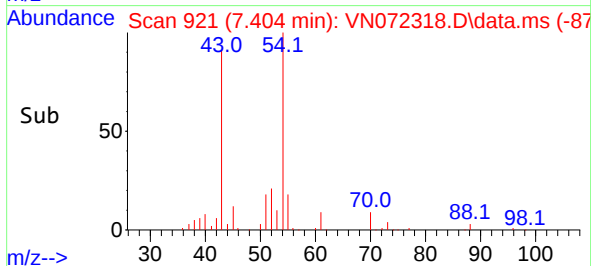
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



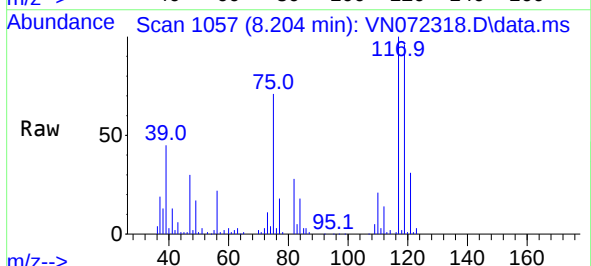
Tgt Ion: 43 Resp: 23310
Ion Ratio Lower Upper
43 100
61 12.0 11.8 17.6
70 8.8 9.3 13.9

Manual Integrations
APPROVED

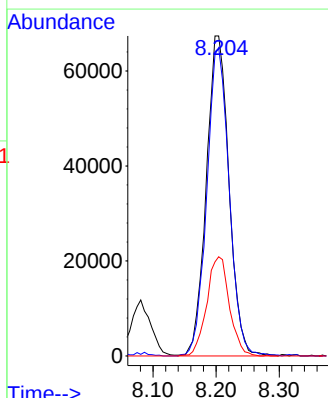
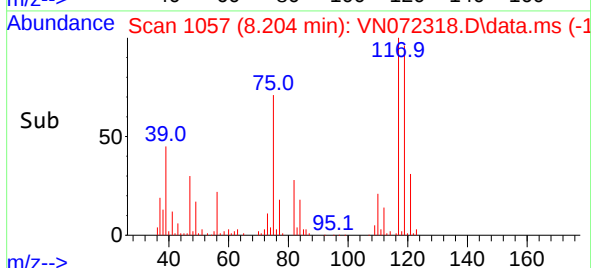
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

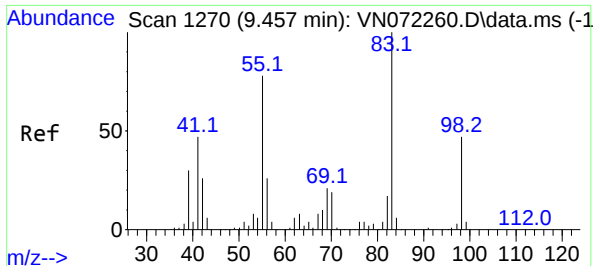


#38
Carbon Tetrachloride
Concen: 44.790 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



Tgt Ion:117 Resp: 168175
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
121 31.0 24.6 37.0





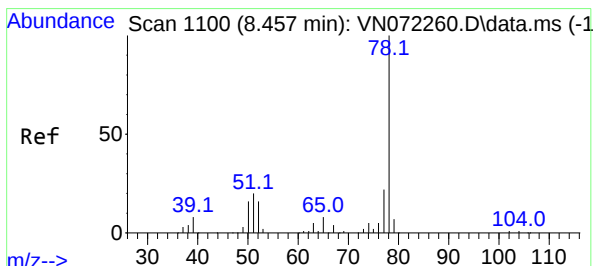
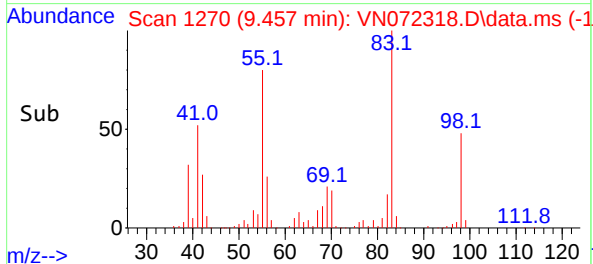
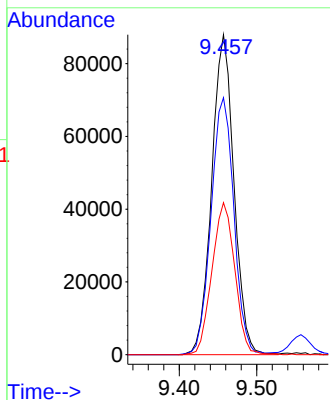
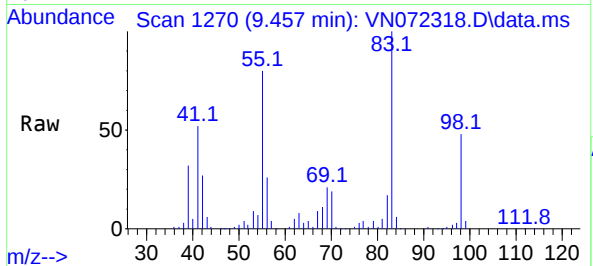
#39
Methylcyclohexane
Concen: 44.758 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 175490
Ion Ratio Lower Upper
83 100
55 80.3 57.8 86.8
98 47.5 39.4 59.2

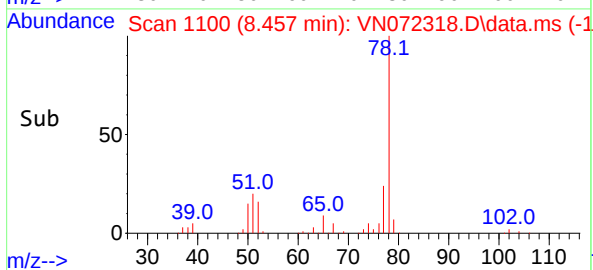
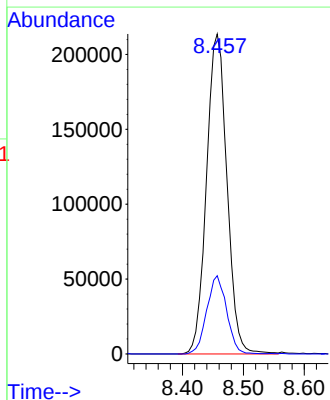
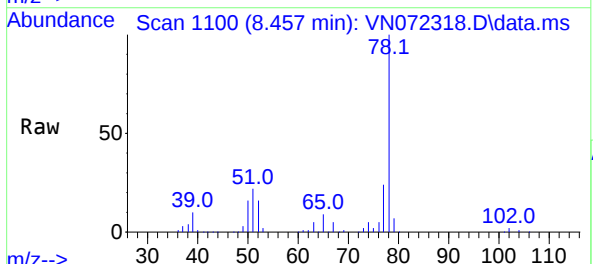
Manual Integrations
APPROVED

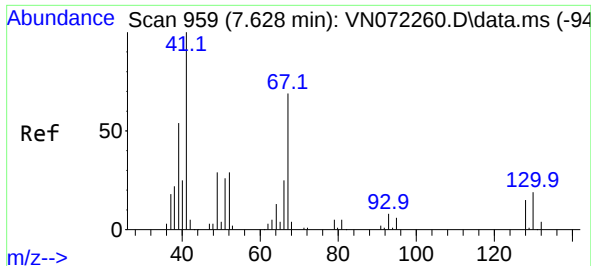
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#40
Benzene
Concen: 45.802 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

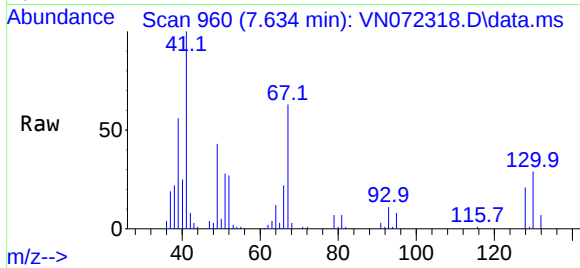
Tgt Ion: 78 Resp: 498054
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0





#41
Methacrylonitrile
Concen: 51.336 ug/l
RT: 7.634 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

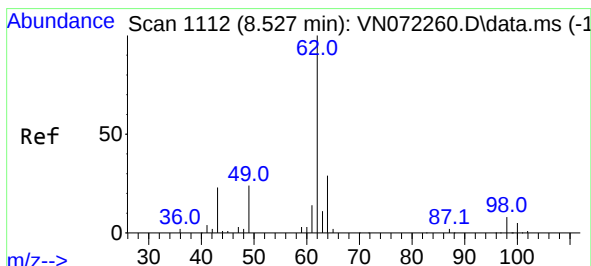
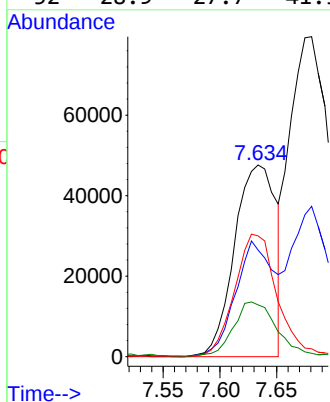
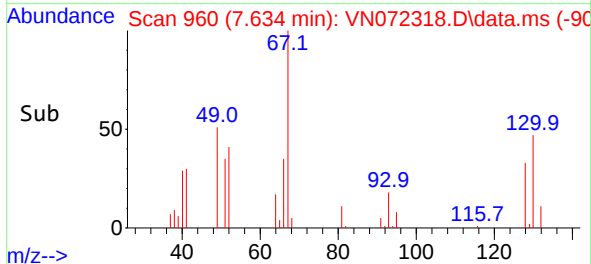
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 12091
Ion Ratio Lower Upper
41 100
39 55.3 48.6 73.0
67 65.7 73.4 110.2
52 28.9 27.7 41.5

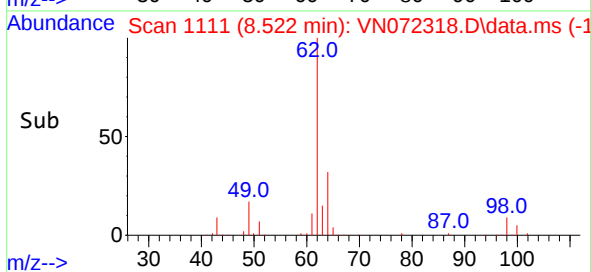
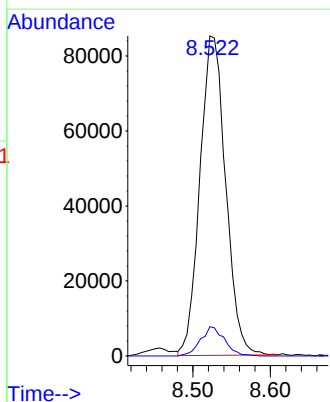
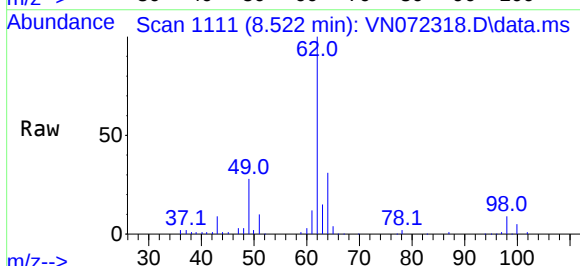
Manual Integrations
APPROVED

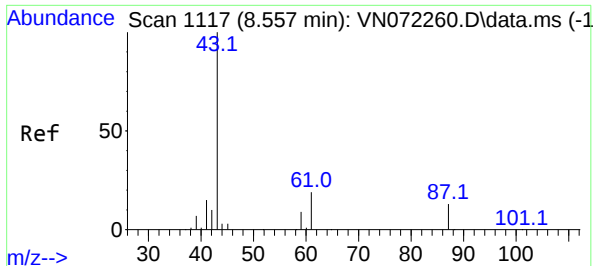
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#42
1,2-Dichloroethane
Concen: 47.145 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

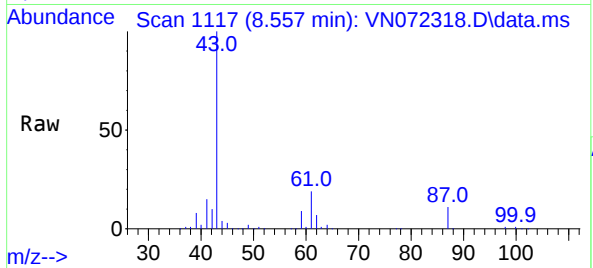
Tgt Ion: 62 Resp: 196268
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 47.104 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

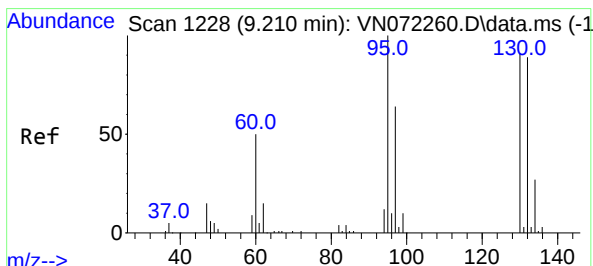
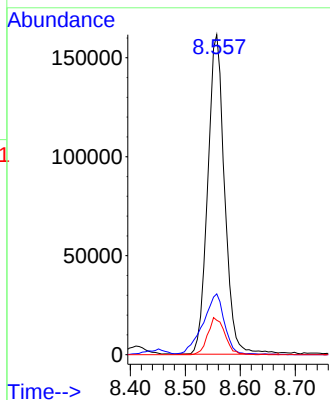
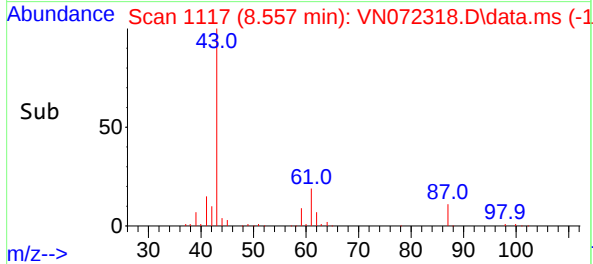
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



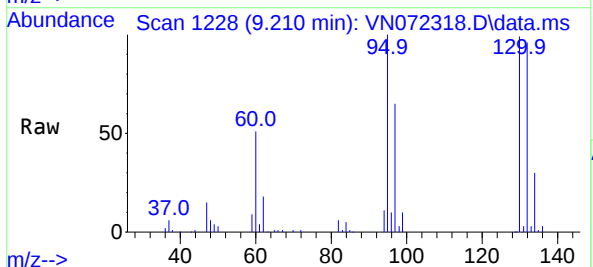
Tgt Ion: 43 Resp: 34398
Ion Ratio Lower Upper
43 100
61 24.0 21.9 32.9
87 11.8 12.0 18.0

Manual Integrations
APPROVED

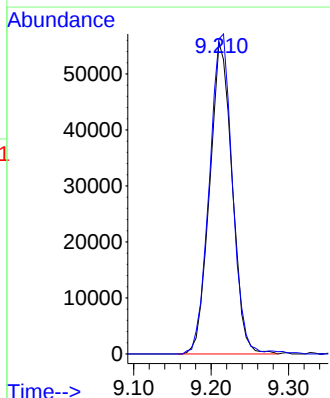
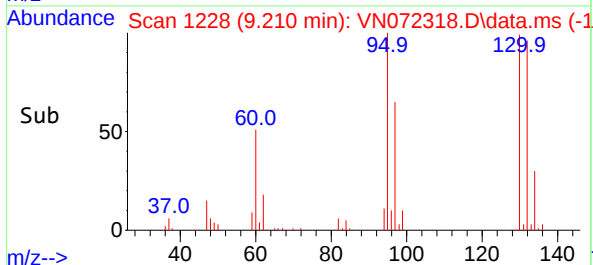
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

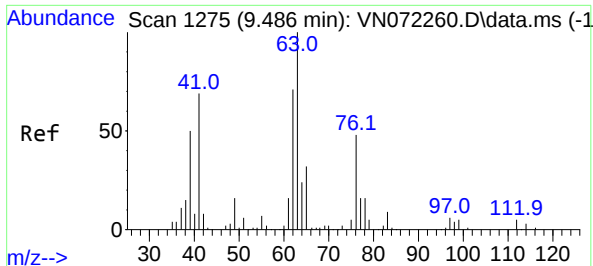


#44
Trichloroethene
Concen: 44.309 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



Tgt Ion:130 Resp: 112083
Ion Ratio Lower Upper
130 100
95 101.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 45.755 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072318.D

Acq: 04 May 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13444

Ion Ratio Lower Upper

63 100

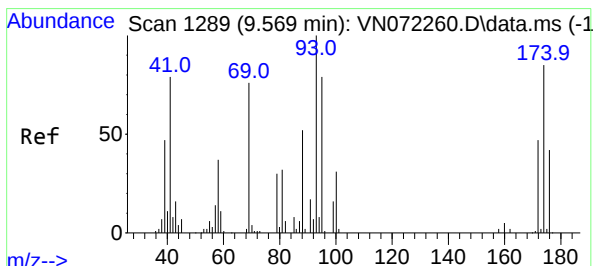
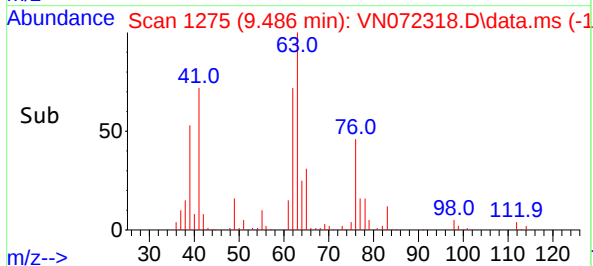
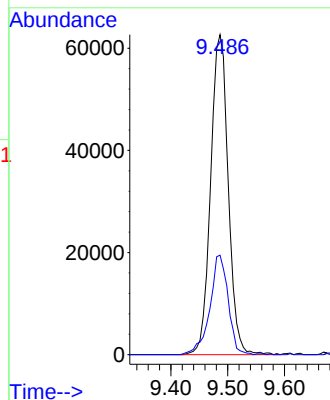
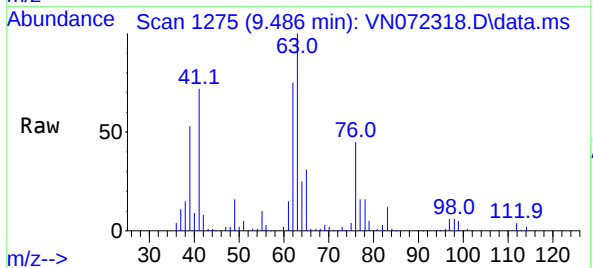
65 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#46

Dibromomethane

Concen: 47.061 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072318.D

Acq: 04 May 2022 10:37

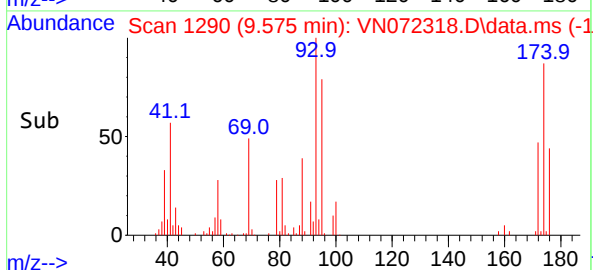
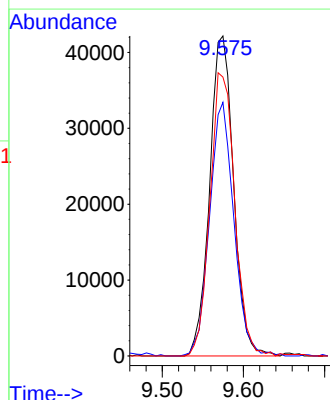
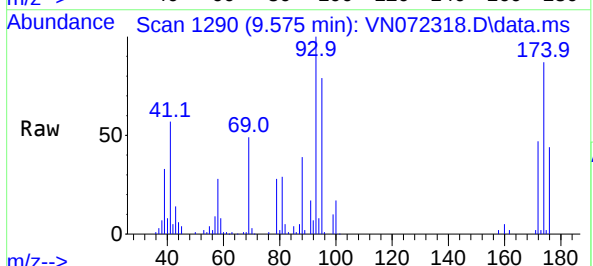
Tgt Ion: 93 Resp: 86625

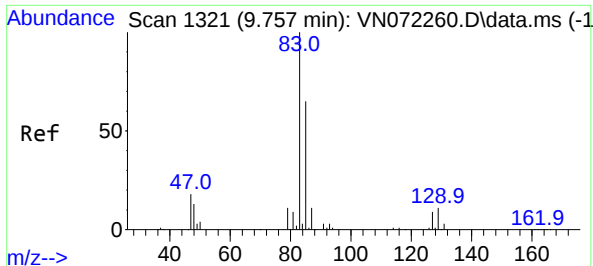
Ion Ratio Lower Upper

93 100

95 80.4 66.9 100.3

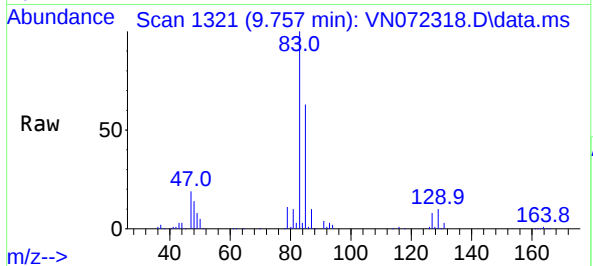
174 91.5 86.6 130.0





#47
Bromodichloromethane
Concen: 47.213 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

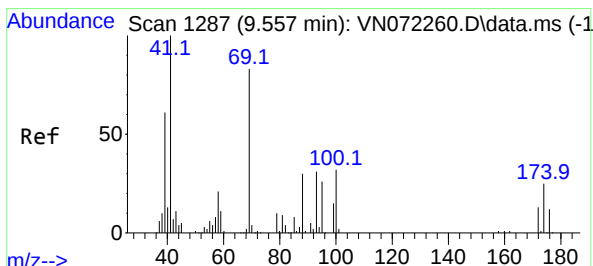
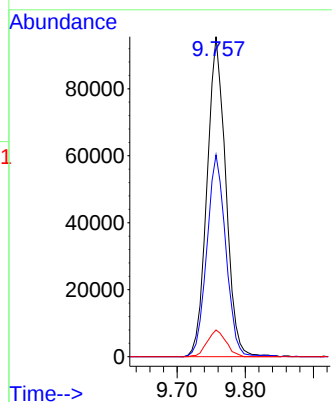
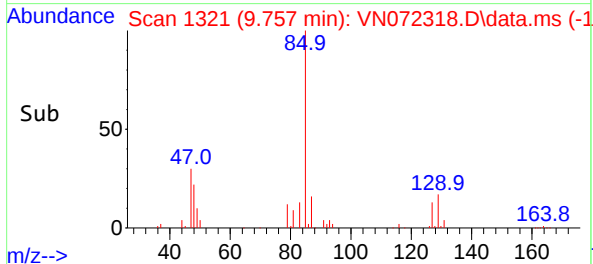
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



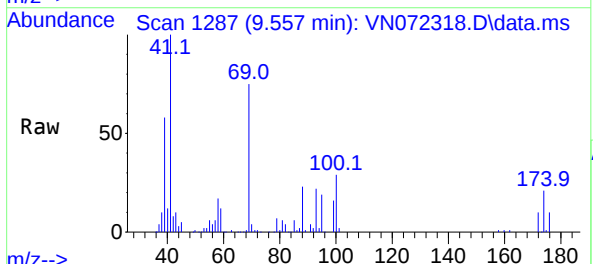
Tgt Ion: 83 Resp: 18234
Ion Ratio Lower Upper
83 100
85 63.0 50.5 75.7
127 8.3 6.8 10.2

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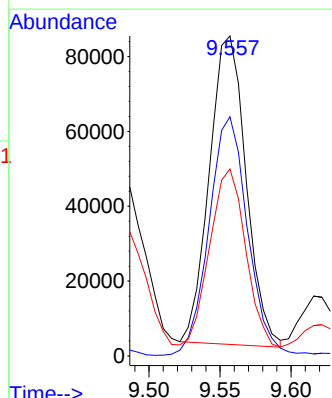
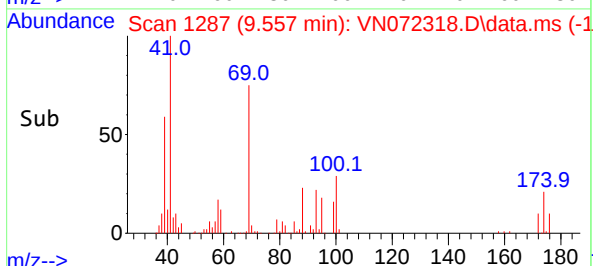
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

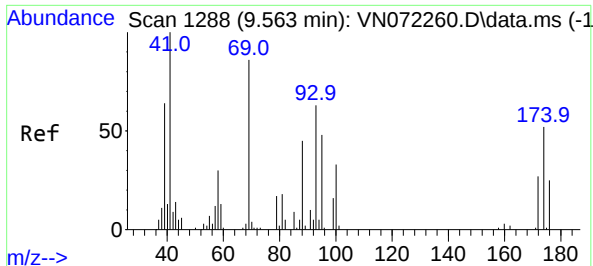


#48
Methyl methacrylate
Concen: 48.093 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



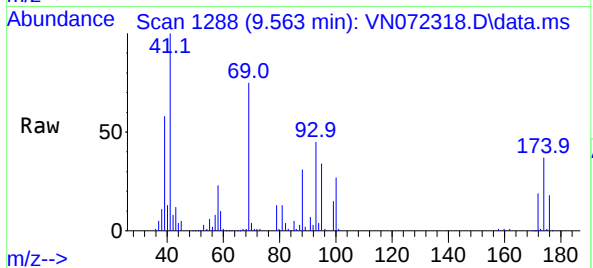
Tgt Ion: 41 Resp: 147903
Ion Ratio Lower Upper
41 100
69 82.1 74.7 112.1
39 62.6 45.6 68.4





#49
1,4-Dioxane
Concen: 890.709 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

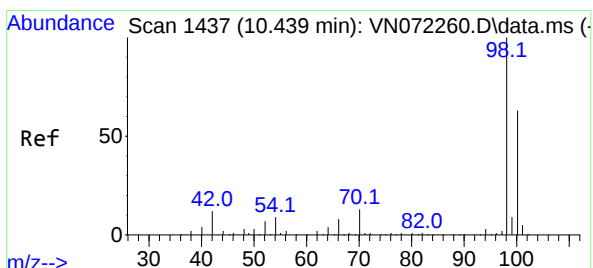
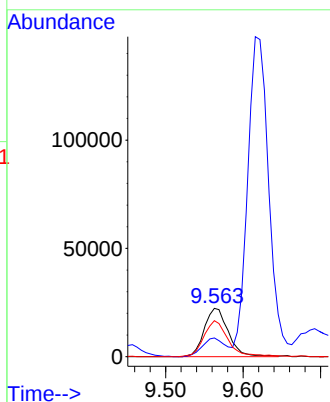
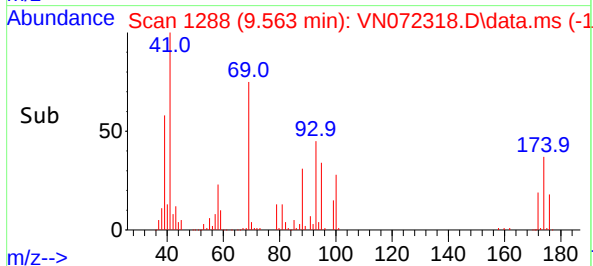
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



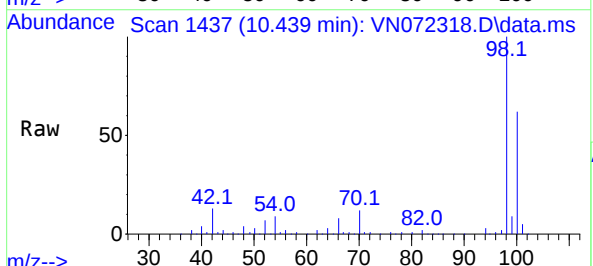
Tgt Ion: 88 Resp: 48118
Ion Ratio Lower Upper
88 100
43 38.3 20.2 30.4
58 75.7 54.2 81.4

Manual Integrations
APPROVED

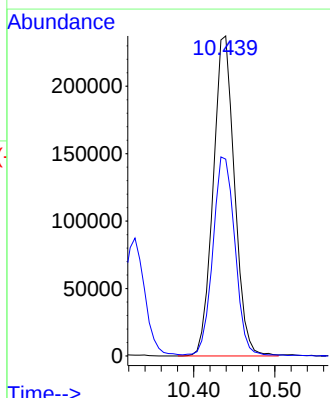
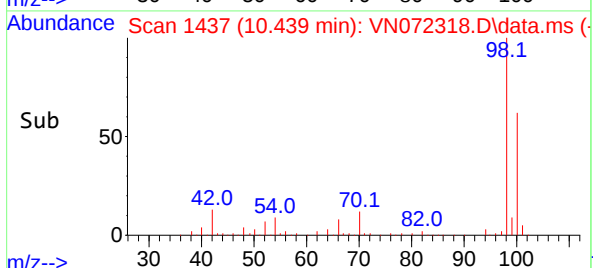
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

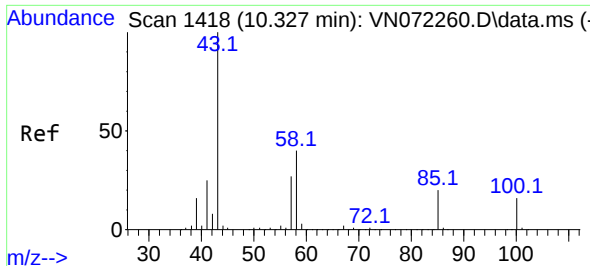


#50
Toluene-d8
Concen: 45.915 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



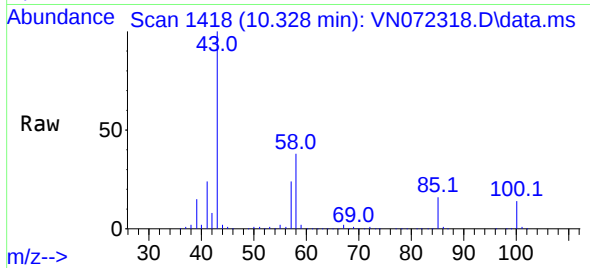
Tgt Ion: 98 Resp: 434542
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 253.947 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

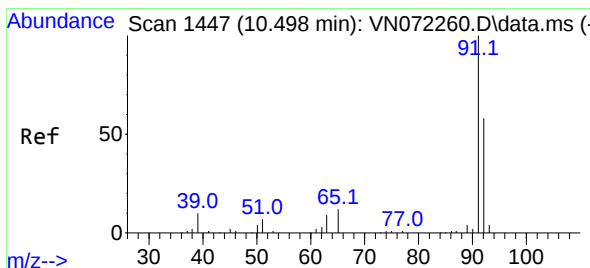
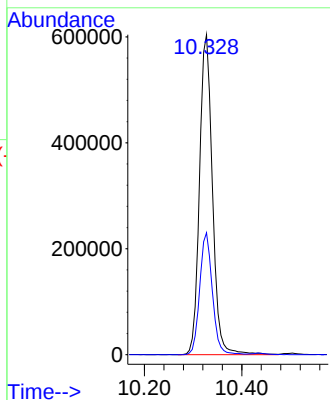
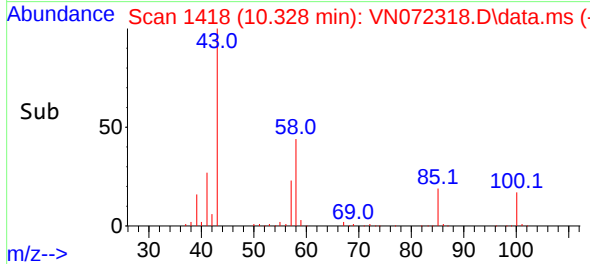
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



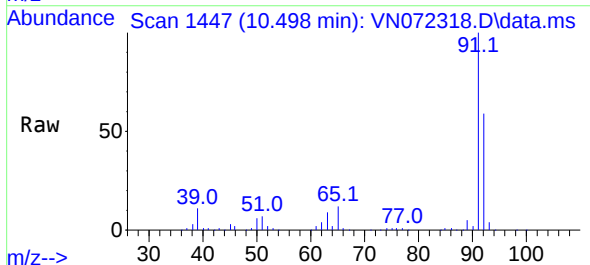
Tgt Ion: 43 Resp: 111538
Ion Ratio Lower Upper
43 100
58 37.1 34.1 51.1

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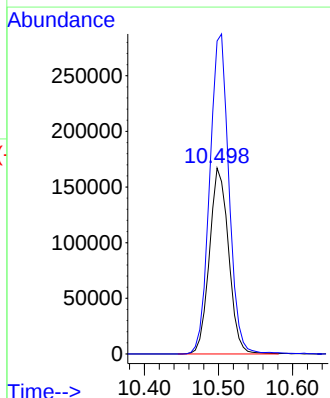
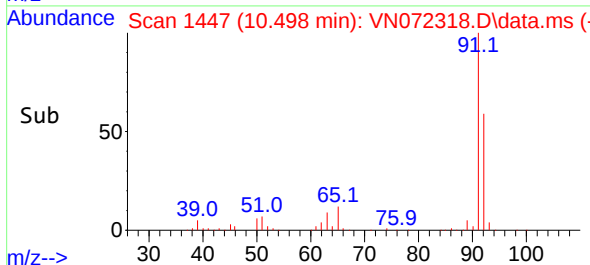
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

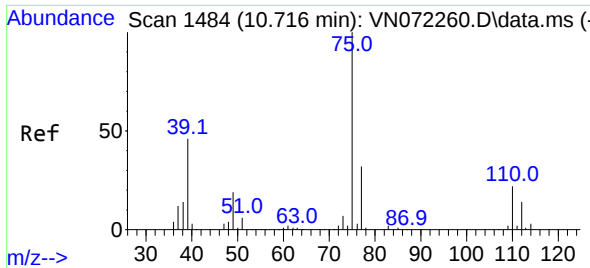


#52
Toluene
Concen: 46.199 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



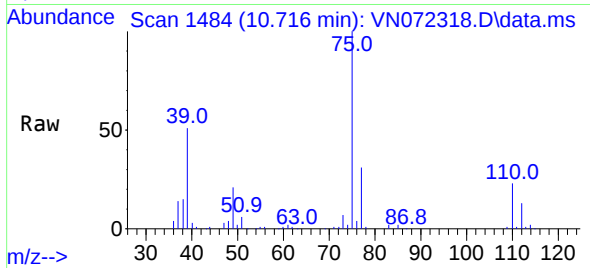
Tgt Ion: 92 Resp: 300330
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 48.627 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

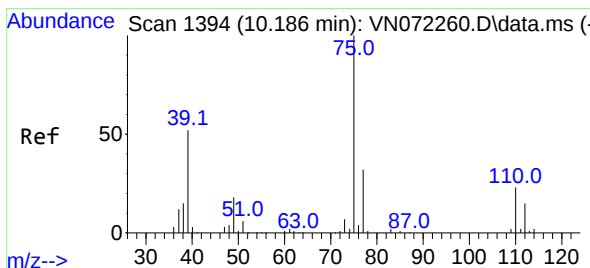
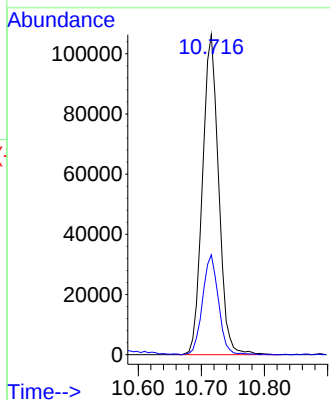
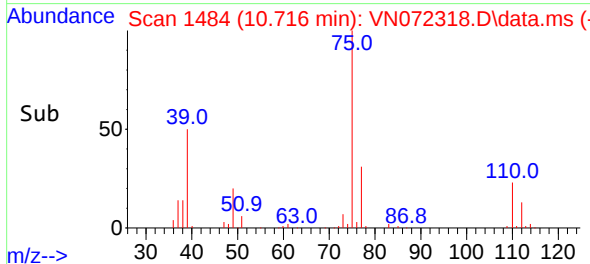
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



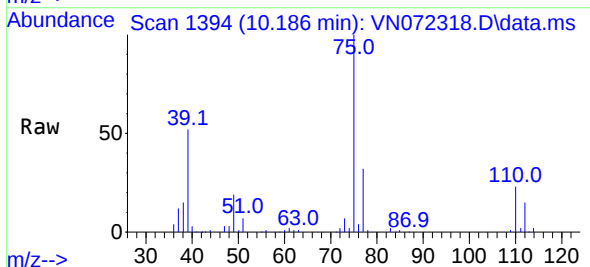
Tgt Ion: 75 Resp: 188795
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

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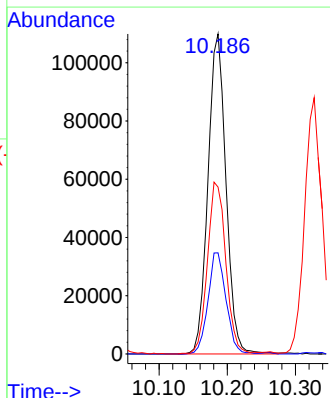
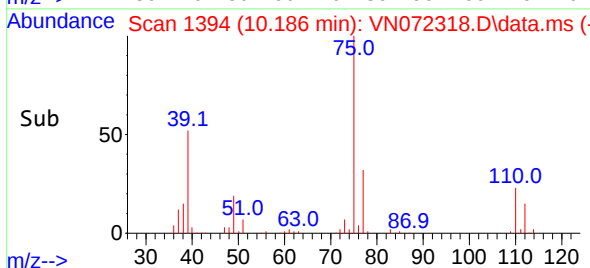
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

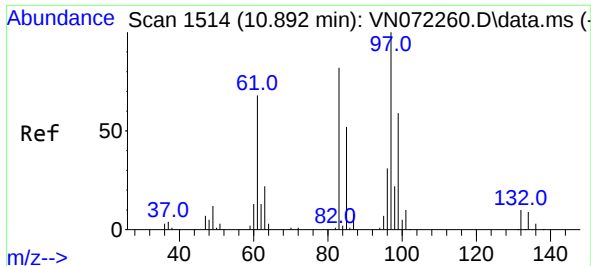


#54
cis-1,3-Dichloropropene
Concen: 48.183 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



Tgt Ion: 75 Resp: 202312
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 52.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 46.587 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

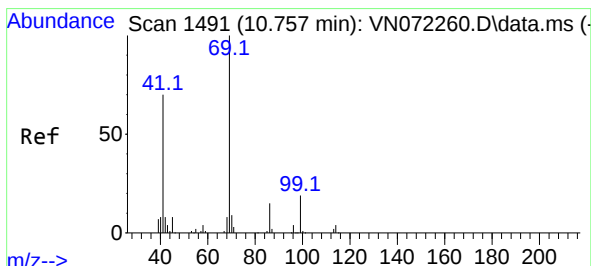
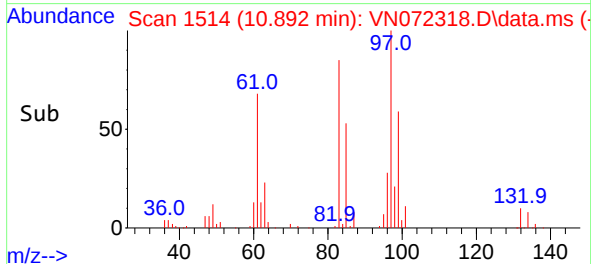
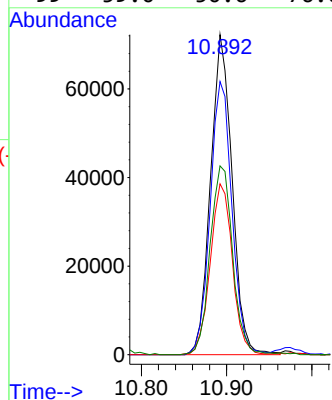
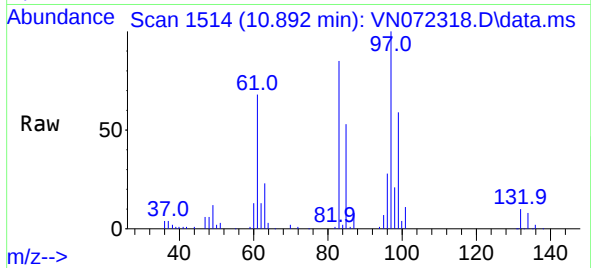
VSTDCCC050

Tgt Ion:	97	Resp:	12698
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.2	99.4
85	53.4	43.9	65.9
99	59.0	50.6	76.0

Manual Integrations

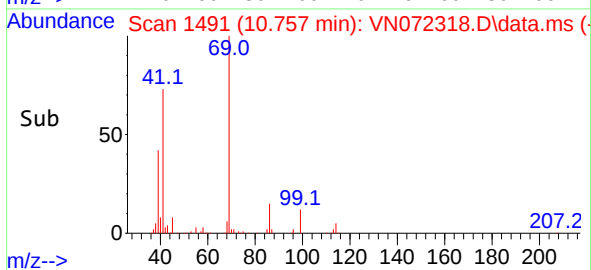
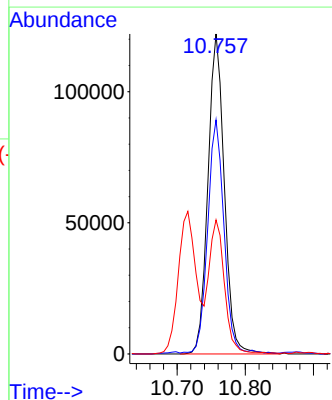
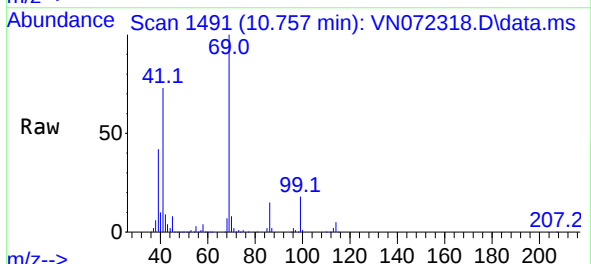
APPROVED

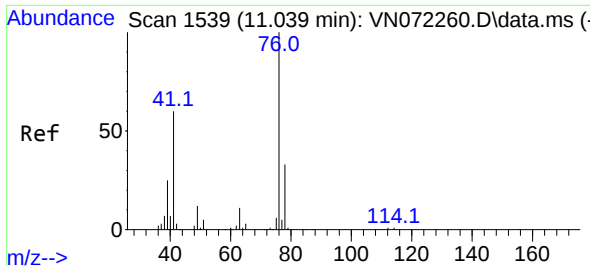
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#56
Ethyl methacrylate
Concen: 43.037 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion:	69	Resp:	203791
Ion	Ratio	Lower	Upper
69	100		
41	71.0	47.8	71.6
39	38.8	27.3	40.9





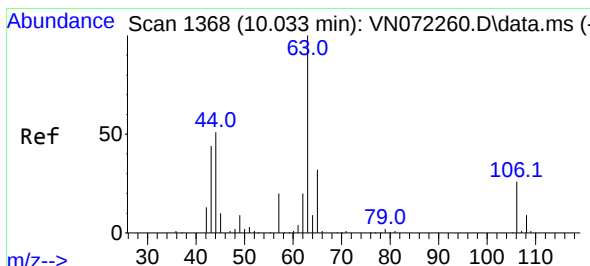
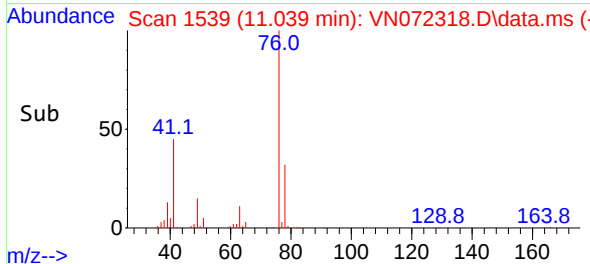
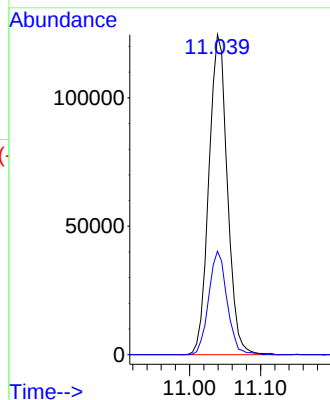
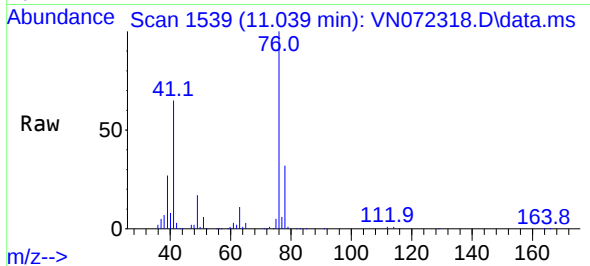
#57
1,3-Dichloropropane
Concen: 47.095 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 22525
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2

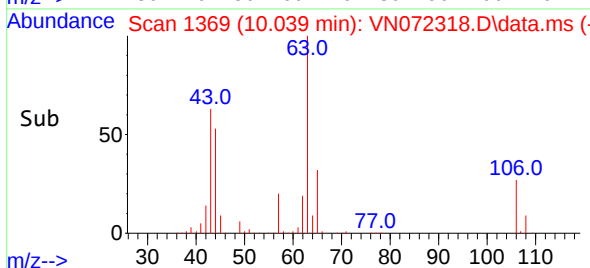
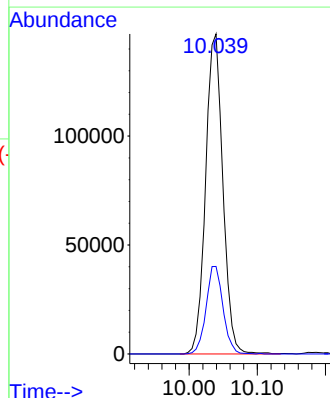
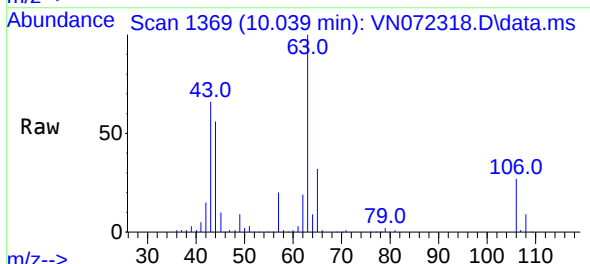
Manual Integrations
APPROVED

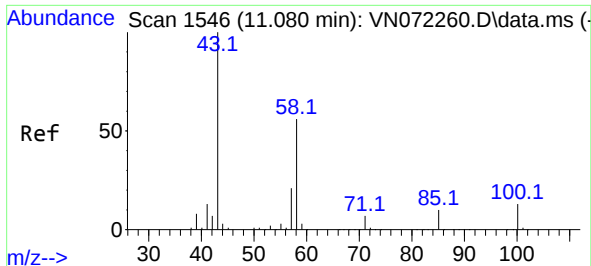
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 204.766 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion: 63 Resp: 258542
Ion Ratio Lower Upper
63 100
106 26.9 24.6 36.8





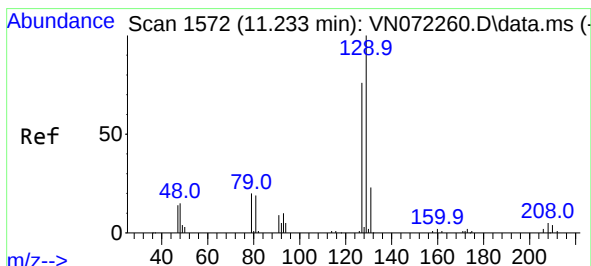
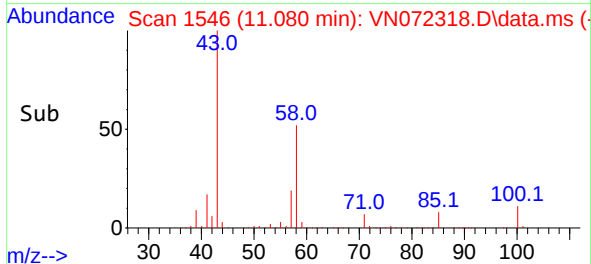
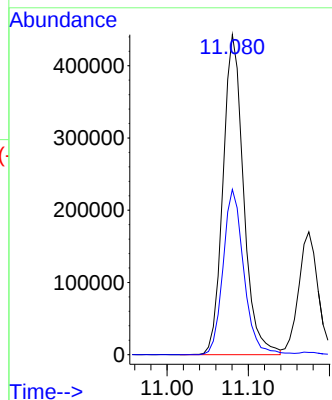
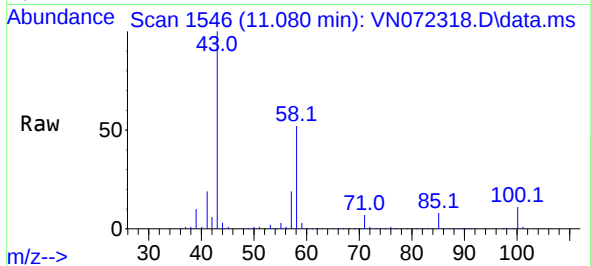
#59
2-Hexanone
Concen: 252.091 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 78021
Ion Ratio Lower Upper
43 100
58 52.0 29.7 89.1

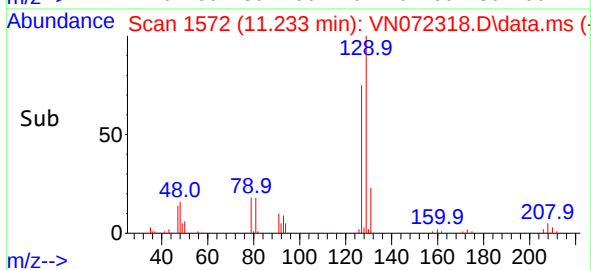
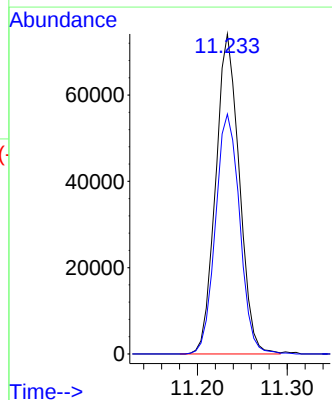
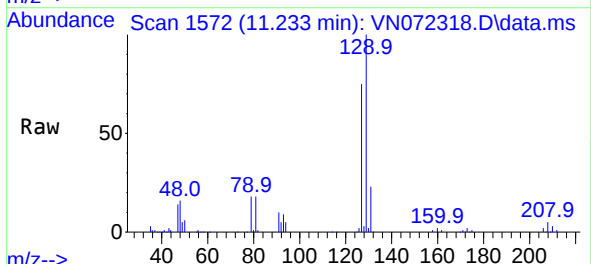
Manual Integrations
APPROVED

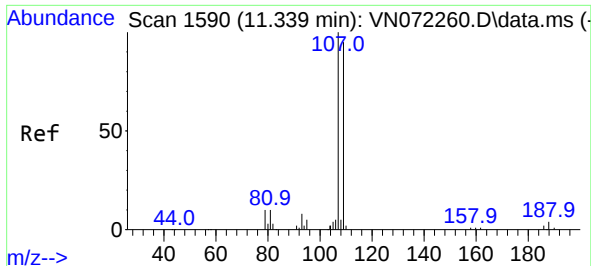
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#60
Dibromochloromethane
Concen: 48.661 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion:129 Resp: 135629
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





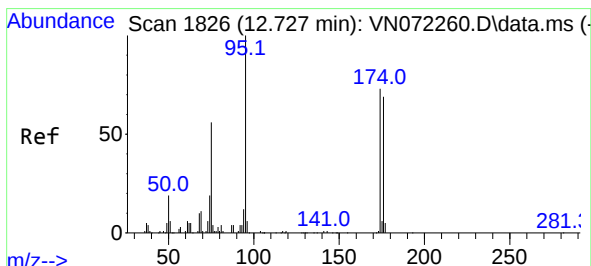
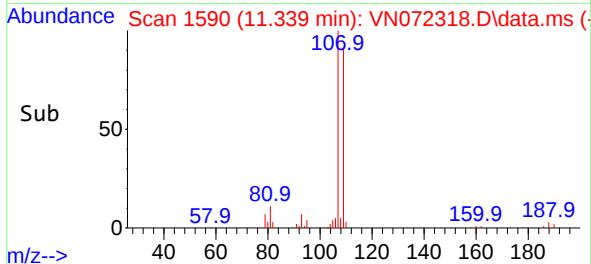
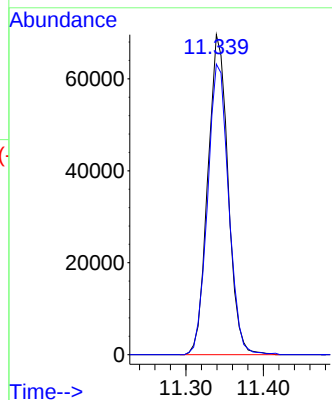
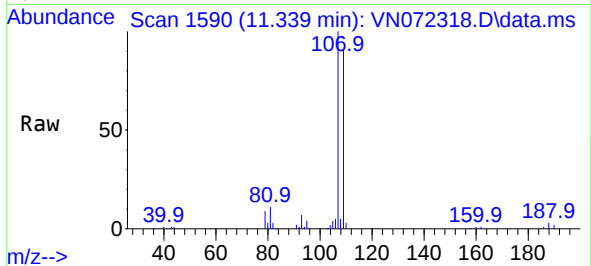
#61
1,2-Dibromoethane
Concen: 47.079 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 12620
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6

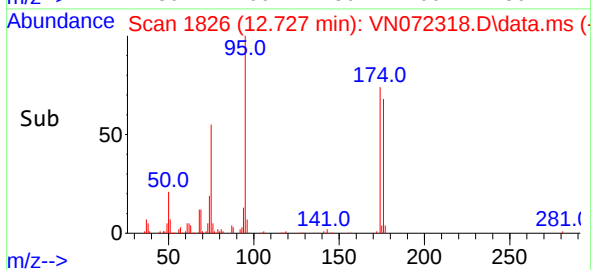
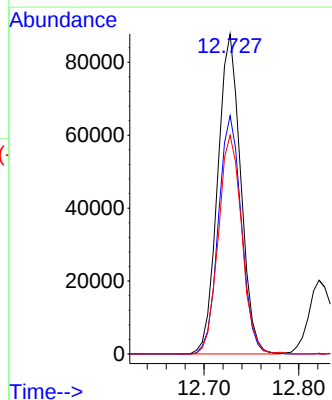
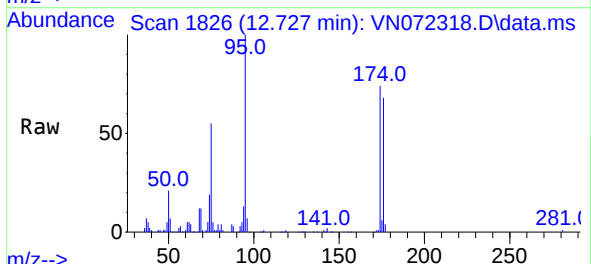
Manual Integrations
APPROVED

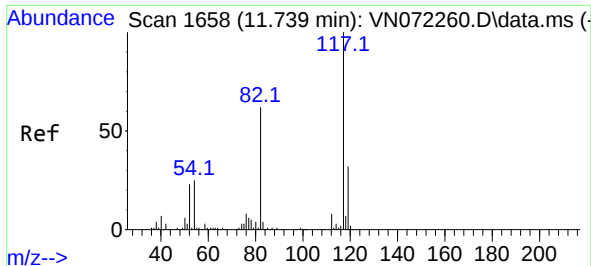
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#62
4-Bromofluorobenzene
Concen: 47.225 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

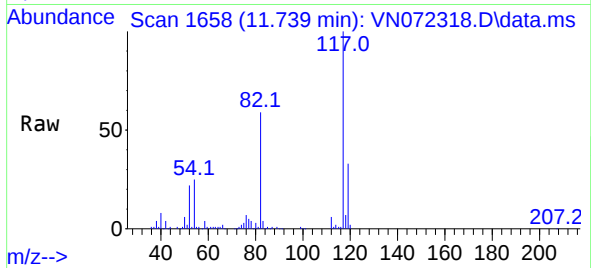
Tgt Ion: 95 Resp: 148348
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 69.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

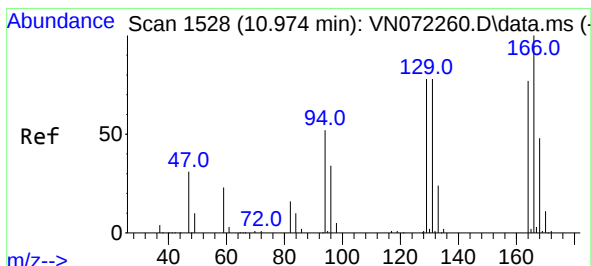
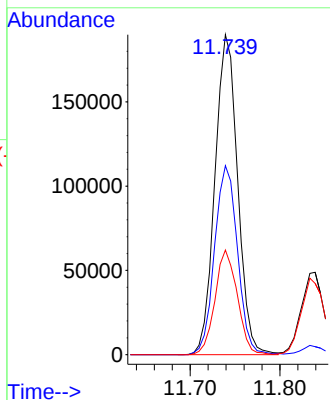
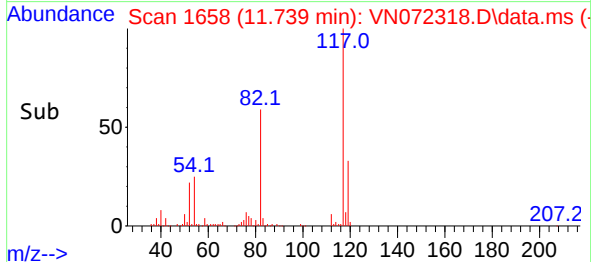
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



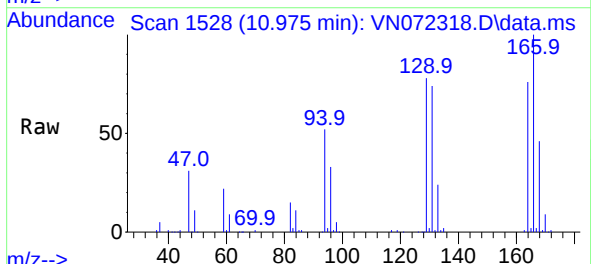
Tgt Ion:117 Resp: 334130
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 32.7 25.4 38.0

Manual Integrations
APPROVED

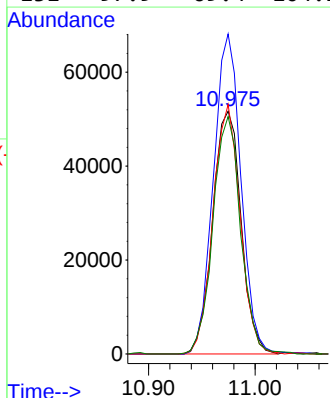
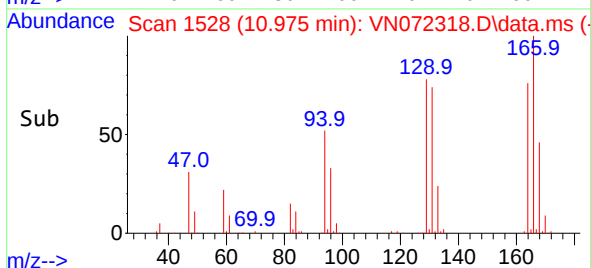
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

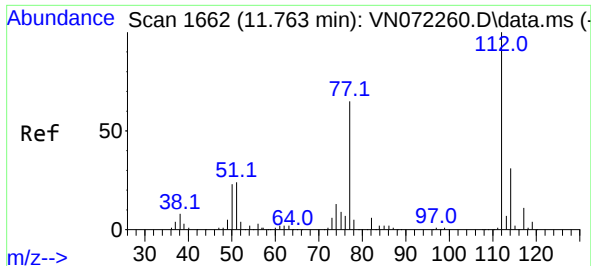


#64
Tetrachloroethene
Concen: 47.635 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



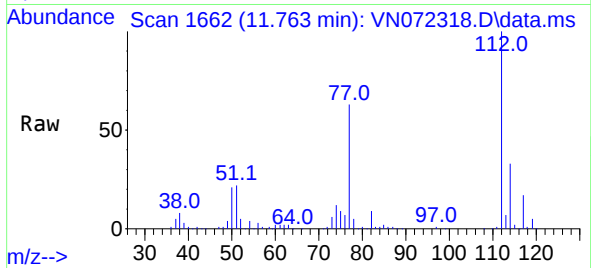
Tgt Ion:164 Resp: 95808
Ion Ratio Lower Upper
164 100
166 131.9 104.2 156.2
129 102.8 73.9 110.9
131 97.9 69.4 104.2





#65
Chlorobenzene
Concen: 46.871 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

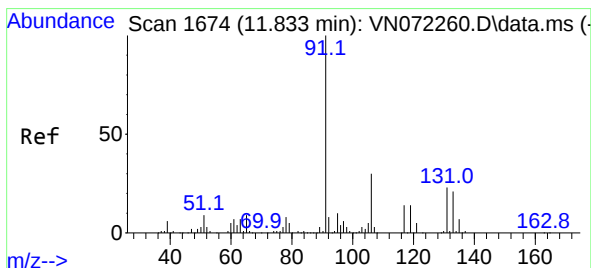
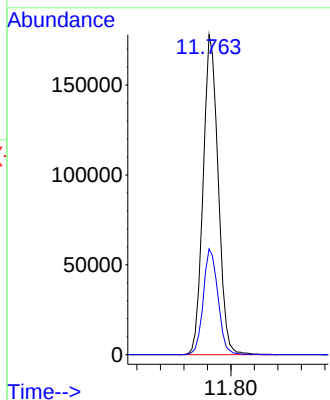
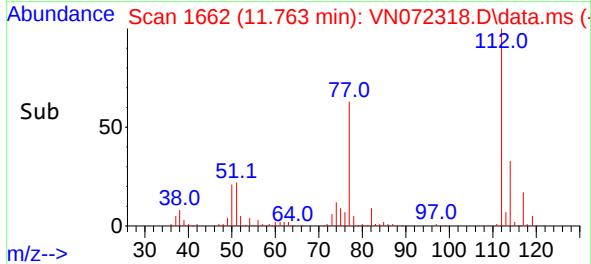
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 31643
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2

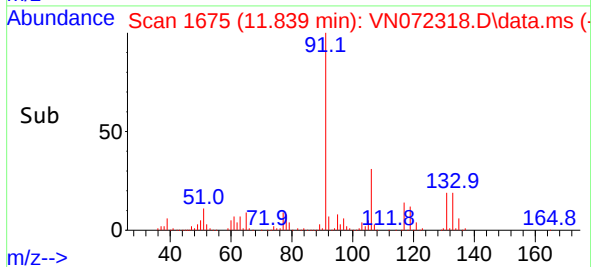
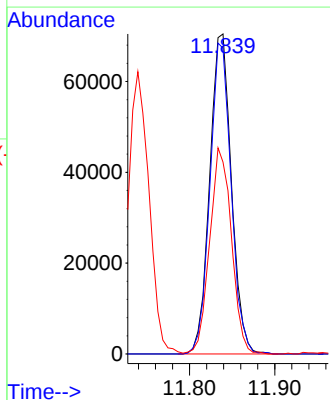
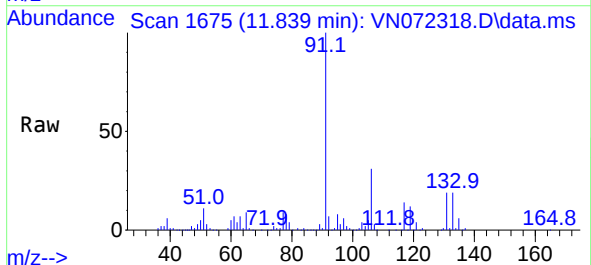
Manual Integrations
APPROVED

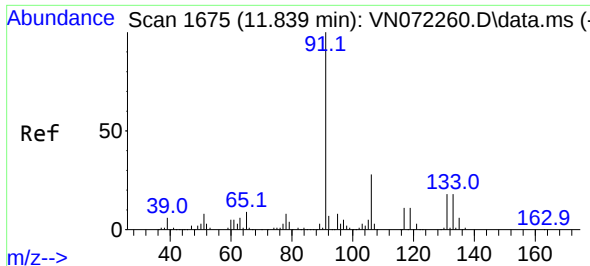
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.104 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion:131 Resp: 124914
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.4
119 64.6 33.4 100.2





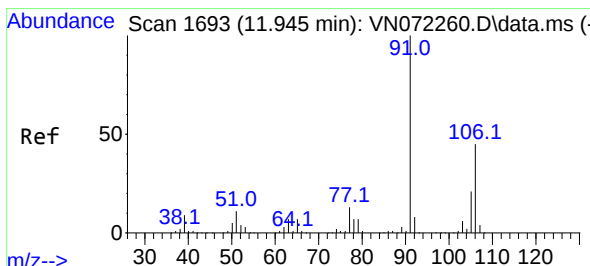
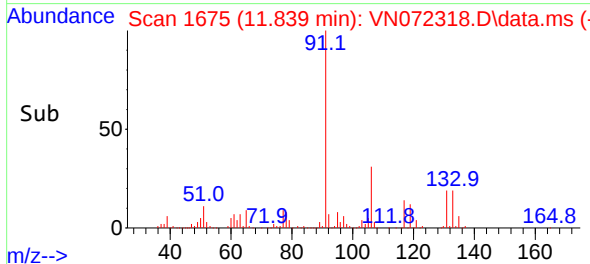
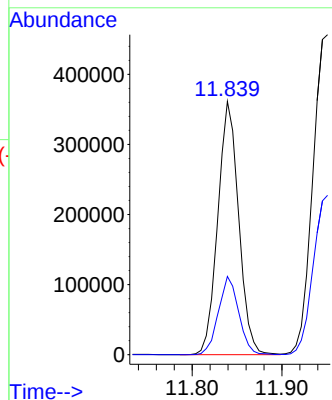
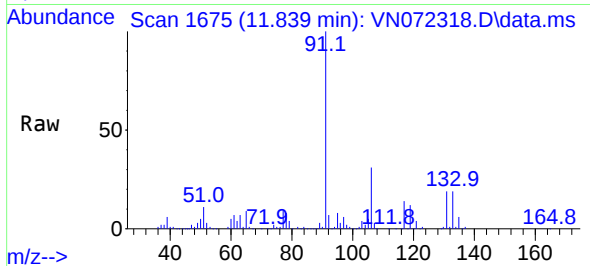
#67
Ethyl Benzene
Concen: 49.569 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 583609
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

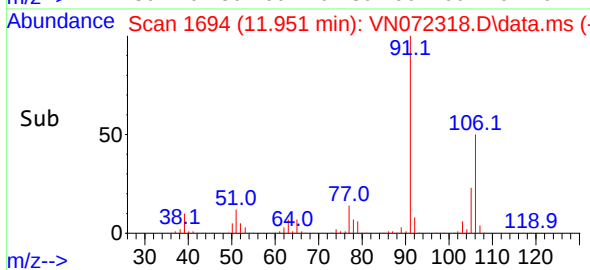
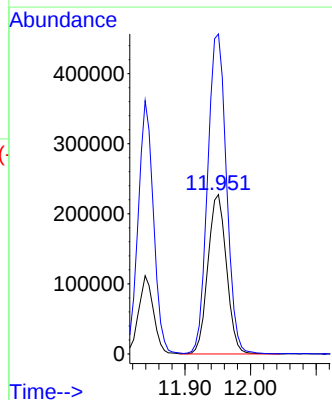
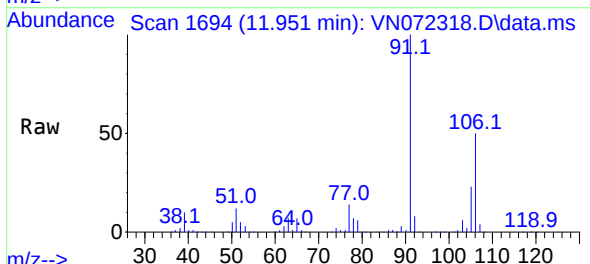
Manual Integrations
APPROVED

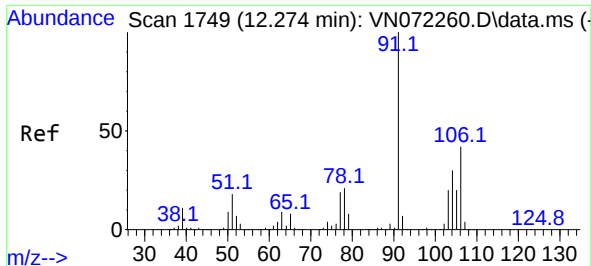
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#68
m/p-Xylenes
Concen: 102.497 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion:106 Resp: 448119
Ion Ratio Lower Upper
106 100
91 203.1 158.9 238.3





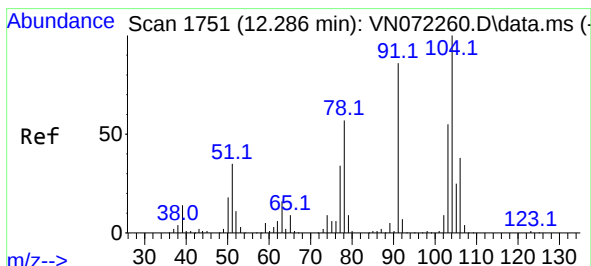
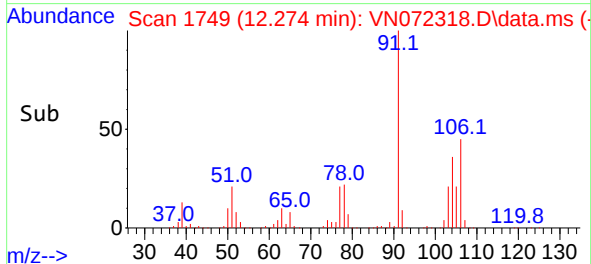
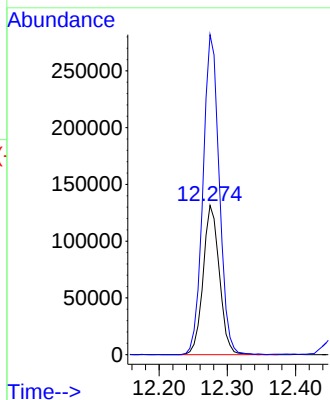
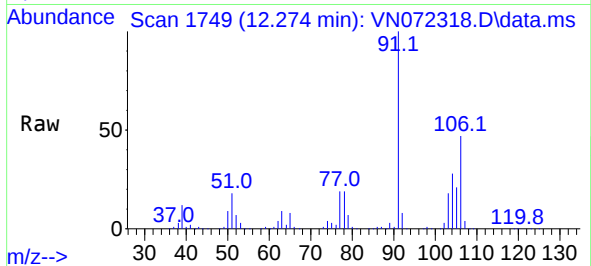
#69
o-Xylene
Concen: 51.403 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 217870
Ion Ratio Lower Upper
106 100
91 215.5 106.0 318.0

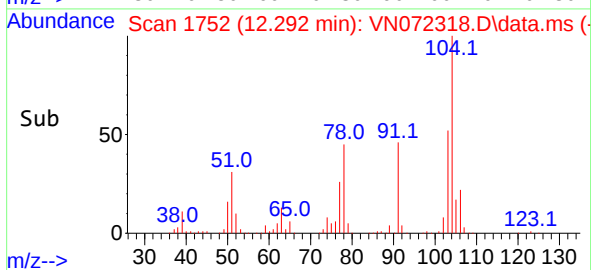
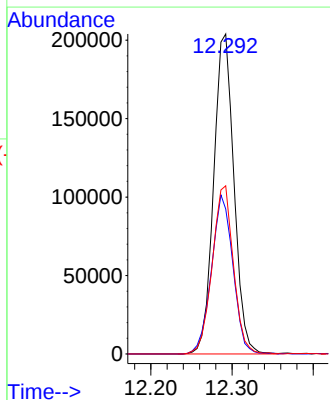
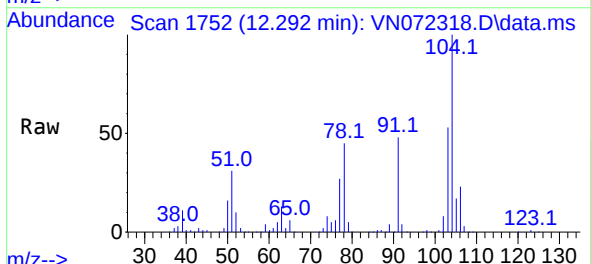
Manual Integrations
APPROVED

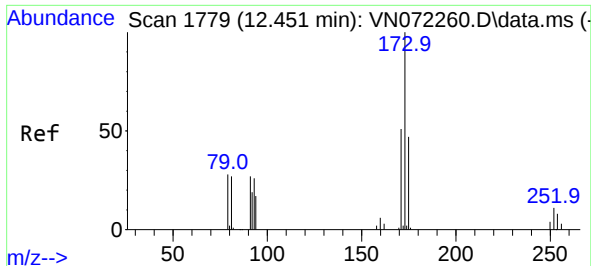
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#70
Styrene
Concen: 53.108 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

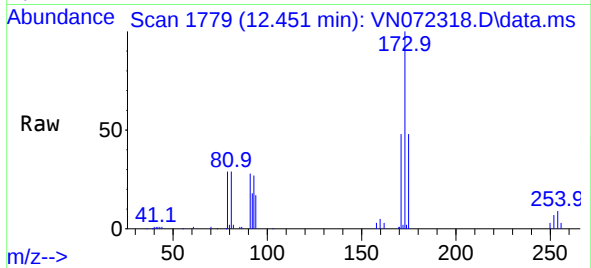
Tgt Ion:104 Resp: 354560
Ion Ratio Lower Upper
104 100
78 52.5 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 49.533 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

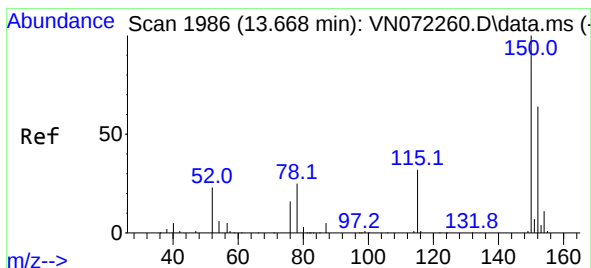
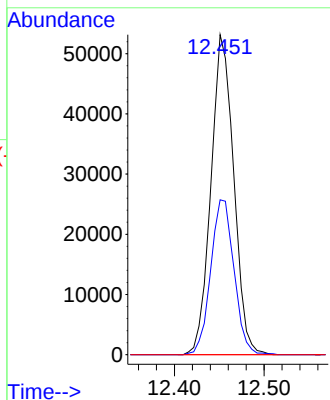
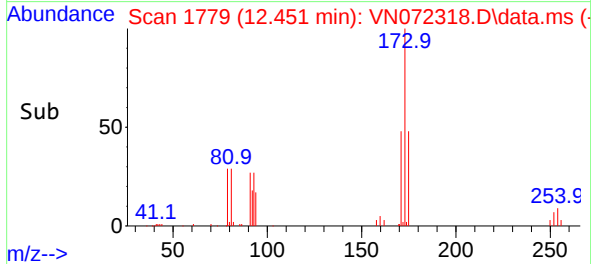
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



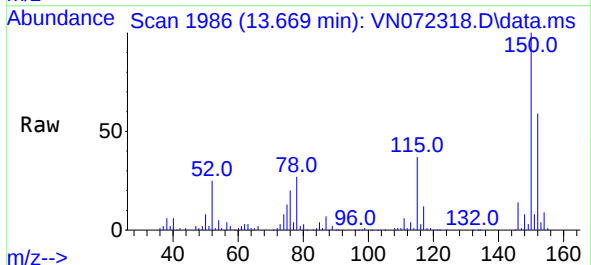
Tgt Ion:173 Resp: 93710
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

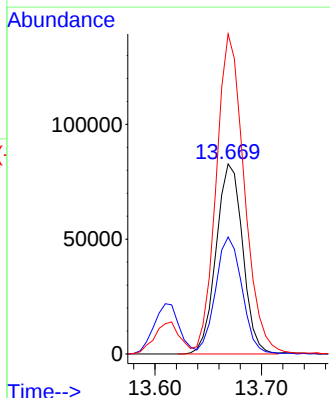
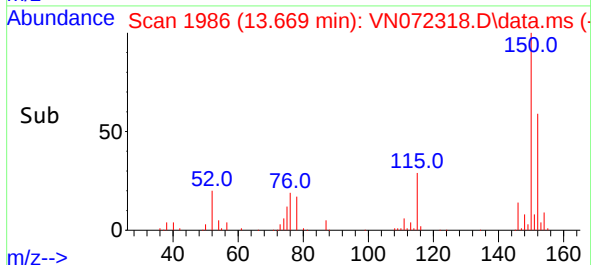
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

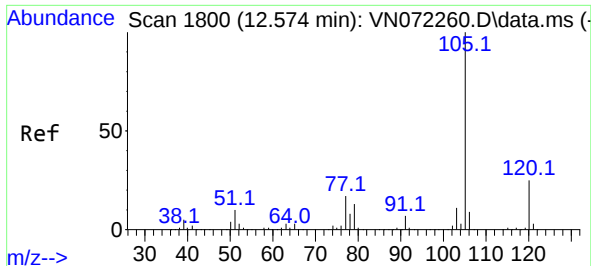


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



Tgt Ion:152 Resp: 143406
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 178.5 0.0 356.2





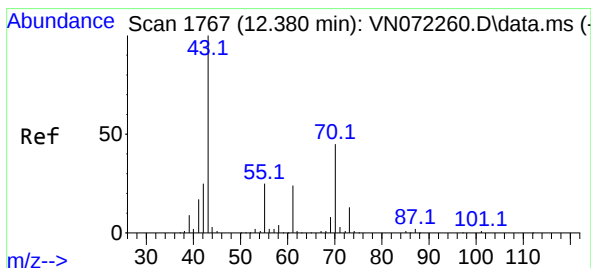
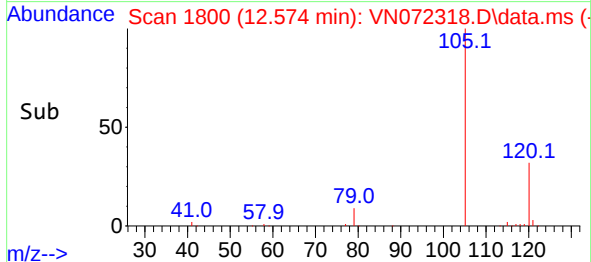
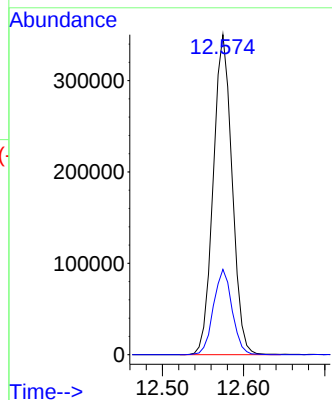
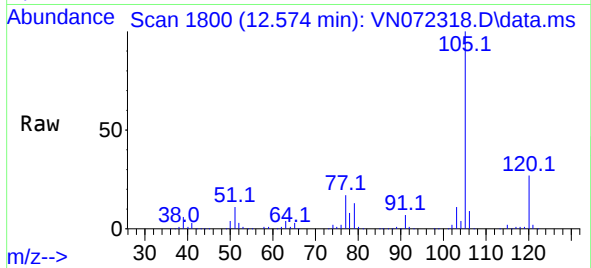
#73
Isopropylbenzene
Concen: 44.617 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 565100
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

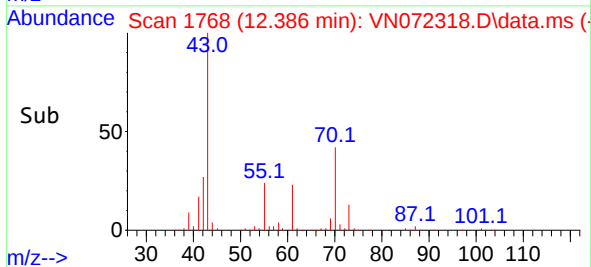
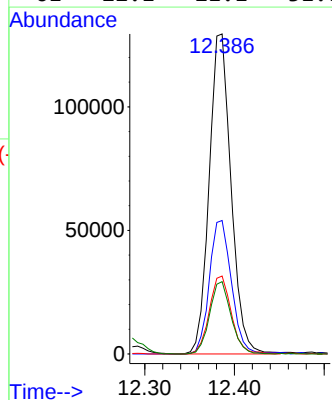
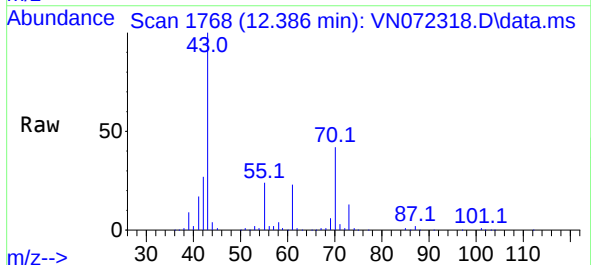
Manual Integrations
APPROVED

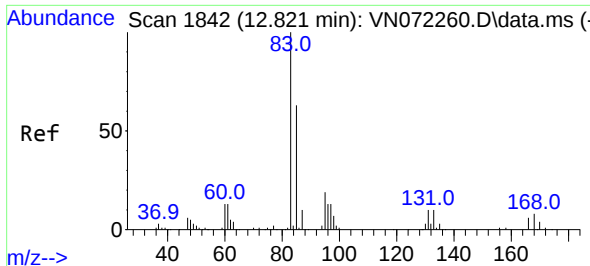
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#74
N-ethyl acetate
Concen: 46.288 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion: 43 Resp: 219643
Ion Ratio Lower Upper
43 100
70 41.9 39.0 58.4
55 24.6 21.1 31.7
61 22.1 21.1 31.7





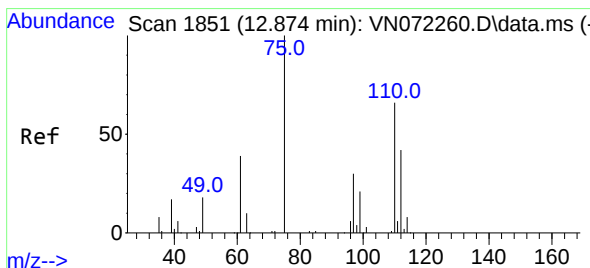
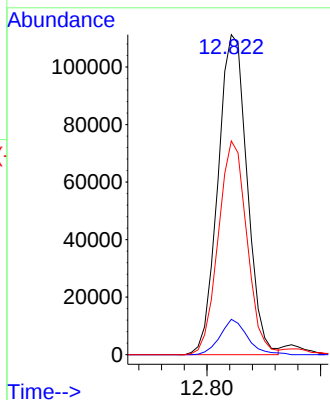
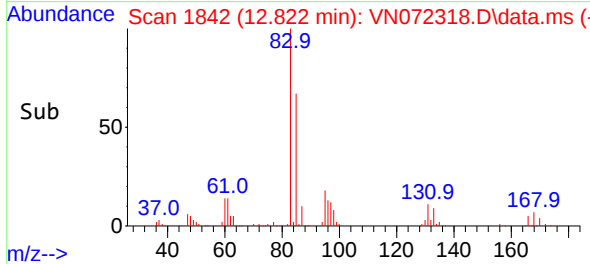
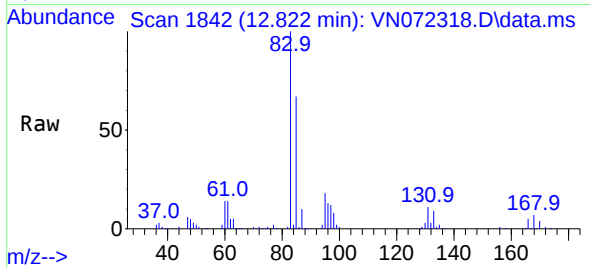
#75
1,1,2,2-Tetrachloroethane
Concen: 46.796 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 198070
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 65.6 32.3 96.9

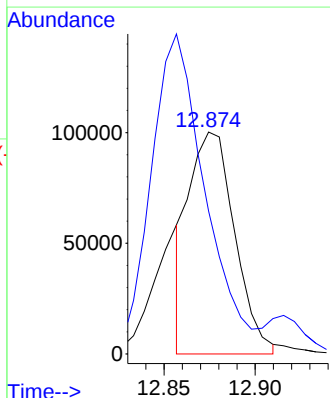
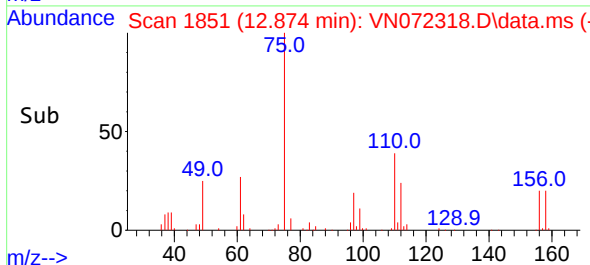
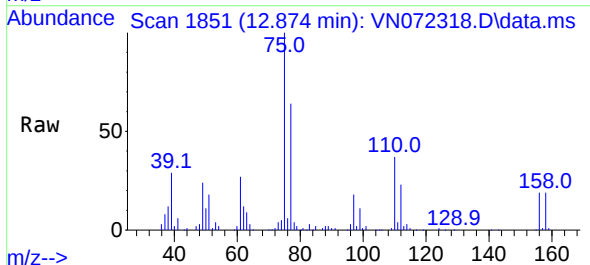
Manual Integrations
APPROVED

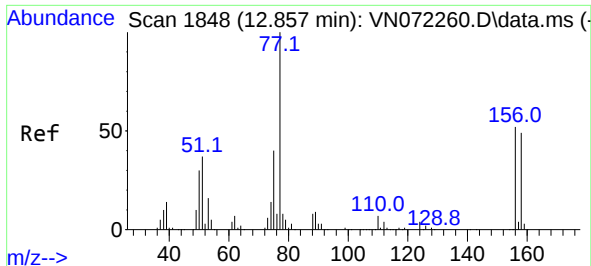
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#76
1,2,3-Trichloropropane
Concen: 52.032 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion: 75 Resp: 174787
Ion Ratio Lower Upper
75 100
77 169.6 98.5 295.5





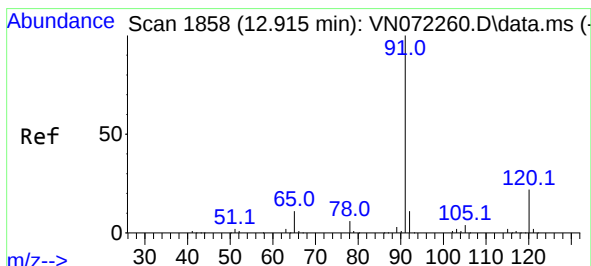
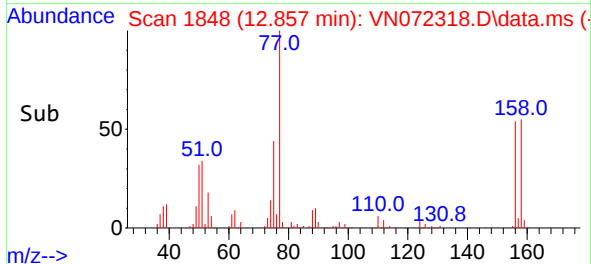
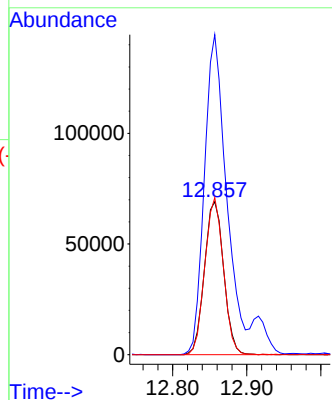
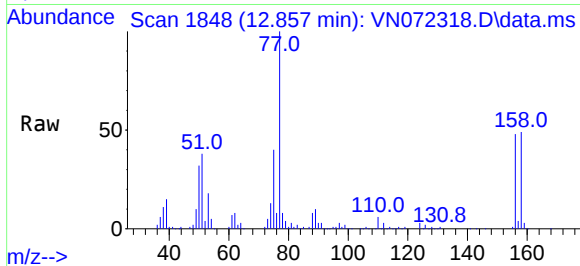
#77
Bromobenzene
Concen: 41.719 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 12495
Ion Ratio Lower Upper
156 100
77 237.3 100.5 301.5
158 98.9 48.9 146.6

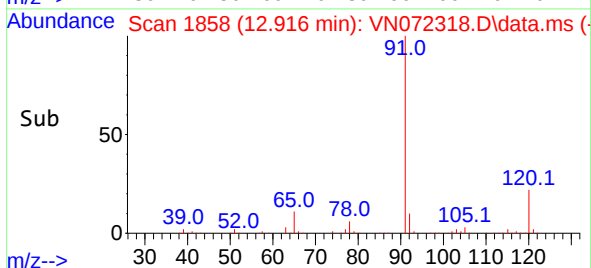
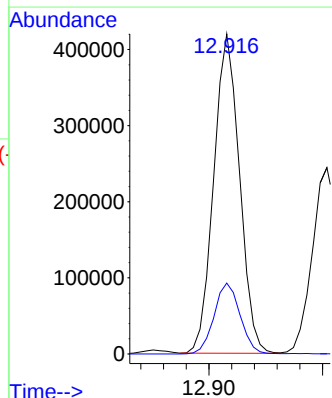
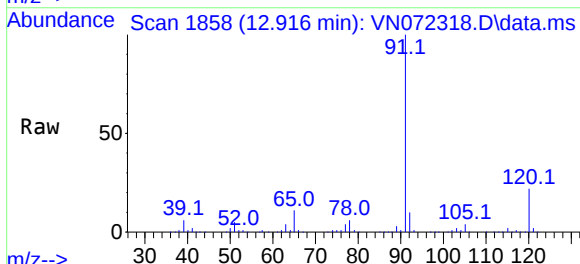
Manual Integrations
APPROVED

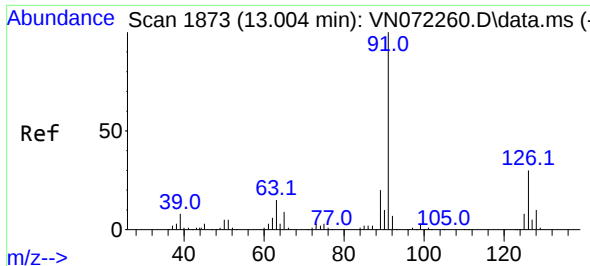
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#78
n-propylbenzene
Concen: 47.433 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion: 91 Resp: 661842
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





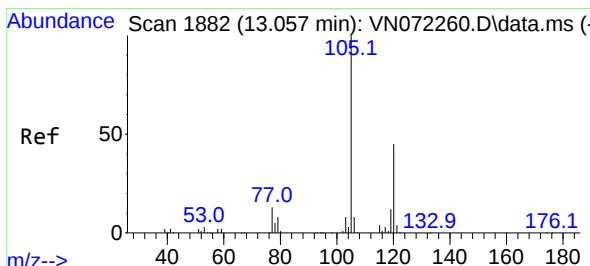
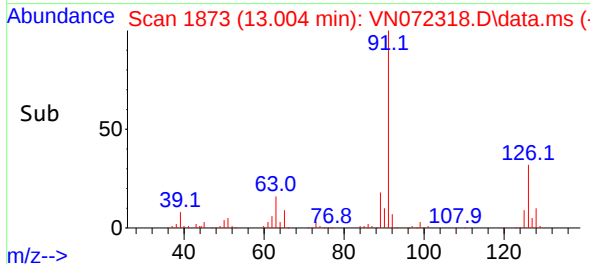
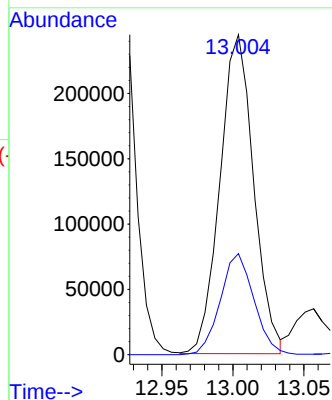
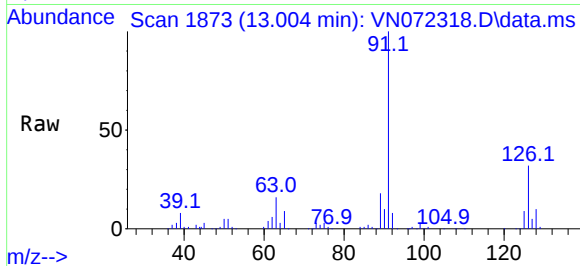
#79
2-Chlorotoluene
Concen: 44.042 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 403639
Ion Ratio Lower Upper
91 100
126 31.6 17.3 51.9

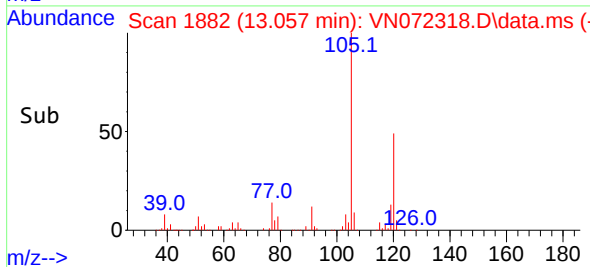
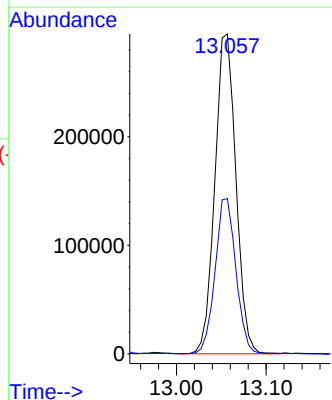
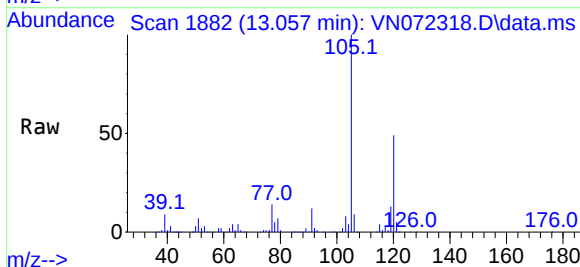
Manual Integrations
APPROVED

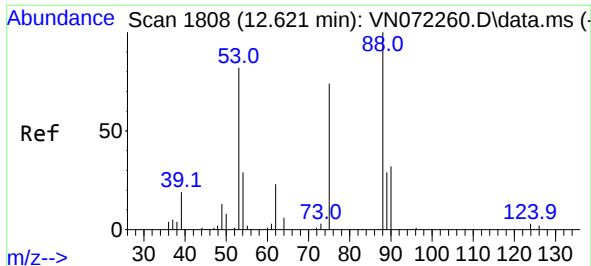
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 45.470 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion:105 Resp: 479623
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7





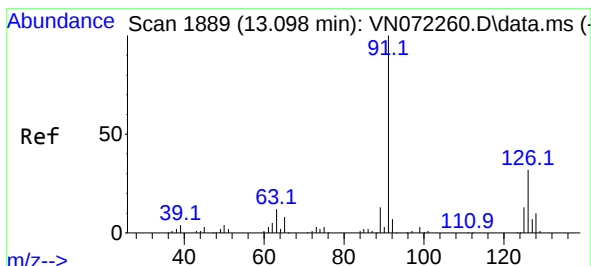
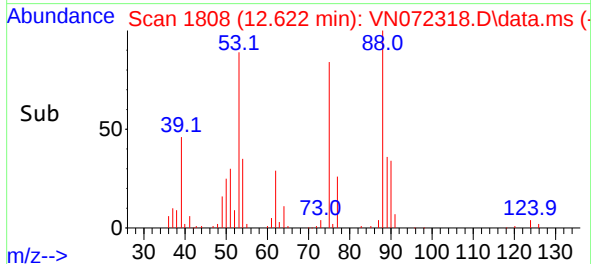
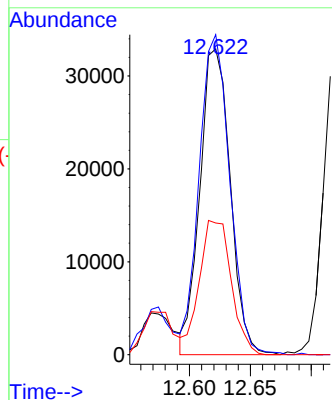
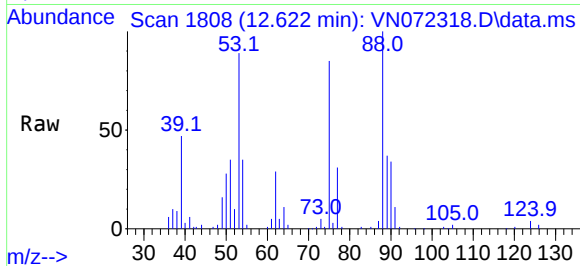
#81
trans-1,4-Dichloro-2-butene
Concen: 46.056 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5712
Ion Ratio Lower Upper
75 100
53 105.1 78.0 117.0
89 46.3 37.2 55.8

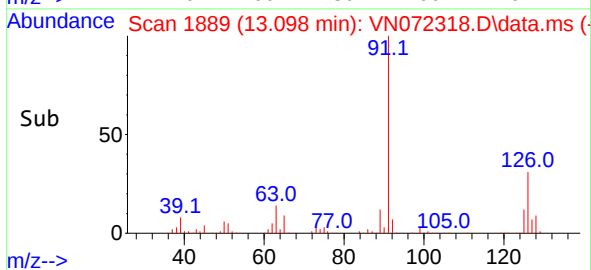
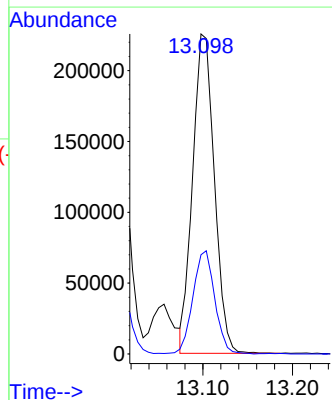
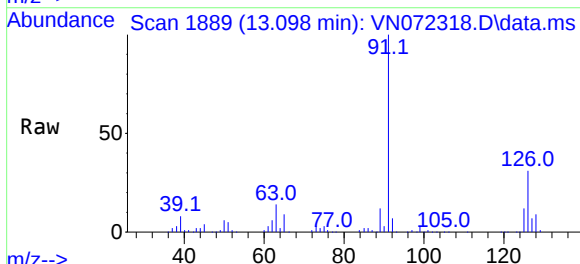
Manual Integrations
APPROVED

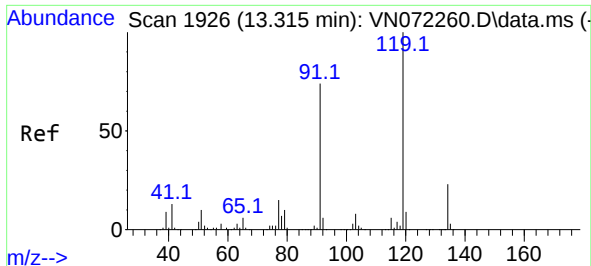
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#82
4-Chlorotoluene
Concen: 44.365 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion: 91 Resp: 378491
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.6





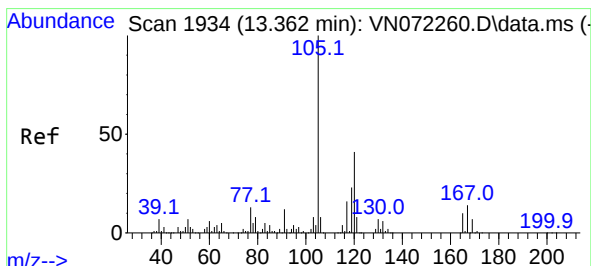
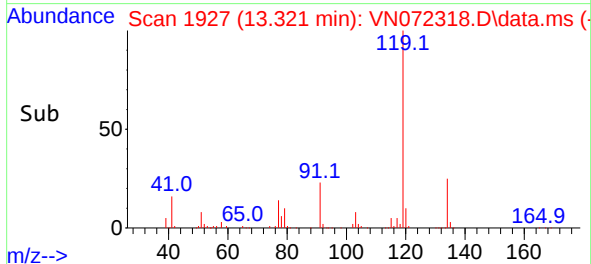
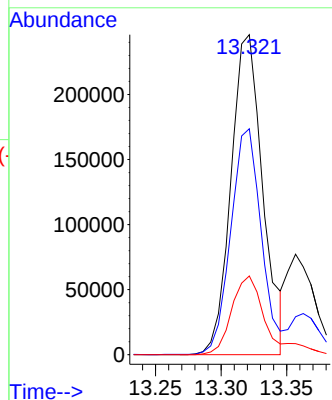
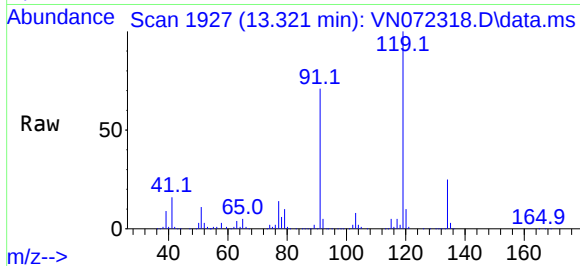
#83
tert-Butylbenzene
Concen: 44.863 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 41549
Ion Ratio Lower Upper
119 100
91 67.8 31.6 94.8
134 26.5 13.7 41.1

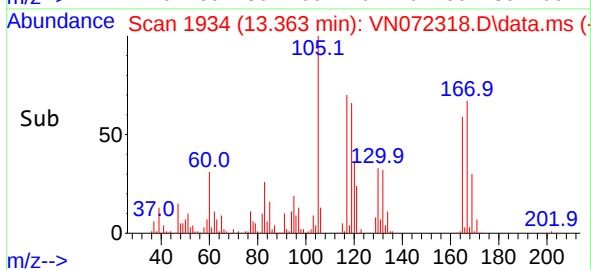
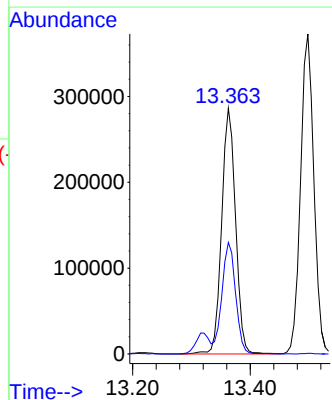
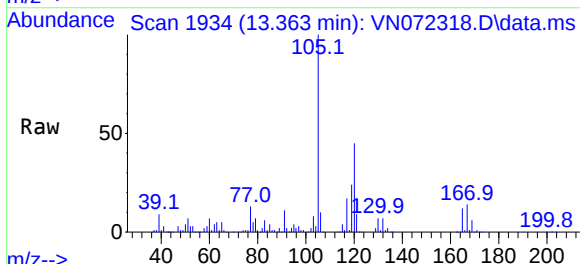
Manual Integrations
APPROVED

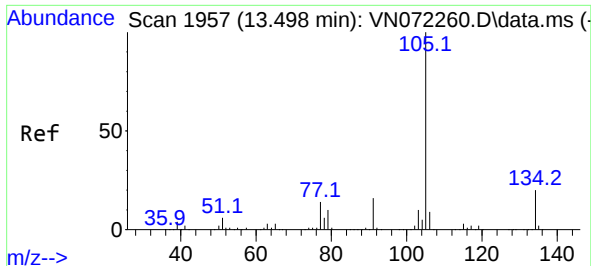
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 46.027 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion:105 Resp: 469739
Ion Ratio Lower Upper
105 100
120 44.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 48.470 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072318.D
 Acq: 04 May 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

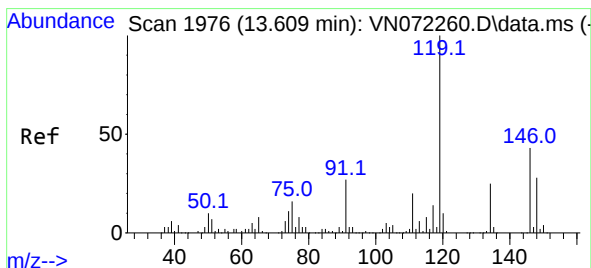
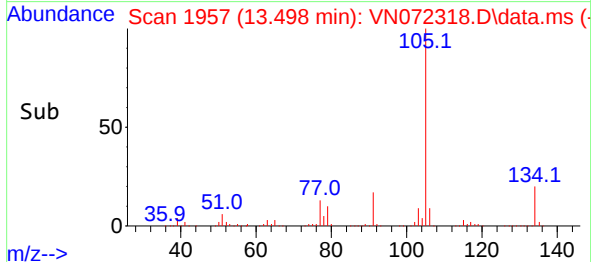
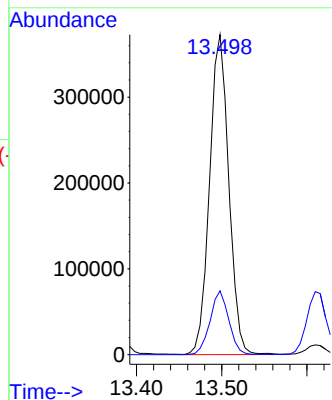
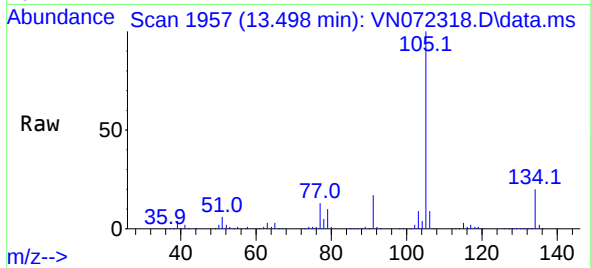
VSTDCCC050

Tgt Ion:105 Resp: 585239
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations

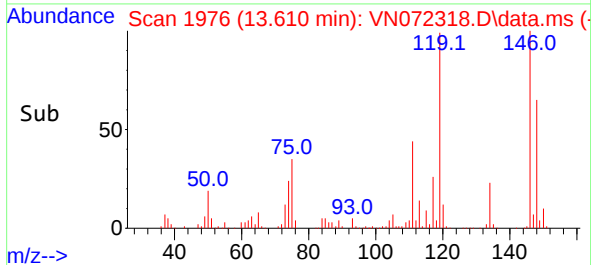
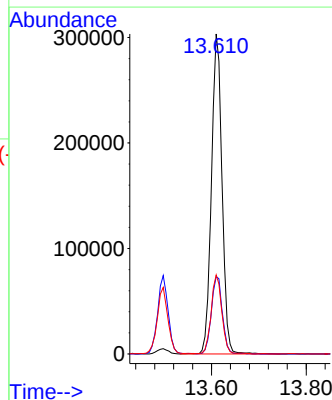
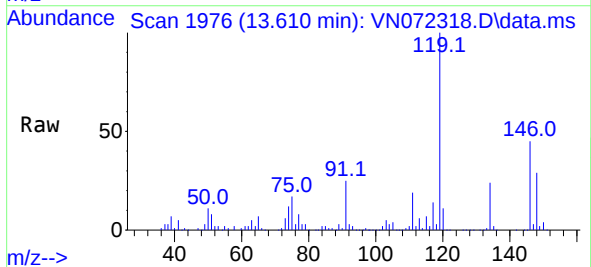
APPROVED

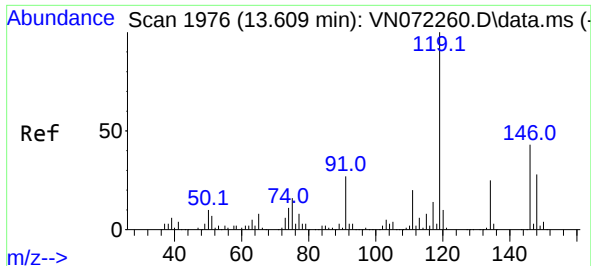
Reviewed By :John Carlone 05/05/2022
 Supervised By :Mahesh Dadoda 05/05/2022



#86
 p-Isopropyltoluene
 Concen: 49.988 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072318.D
 Acq: 04 May 2022 10:37

Tgt Ion:119 Resp: 470547
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 24.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.543 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072318.D

Acq: 04 May 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

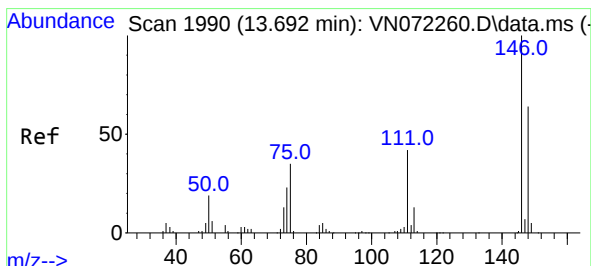
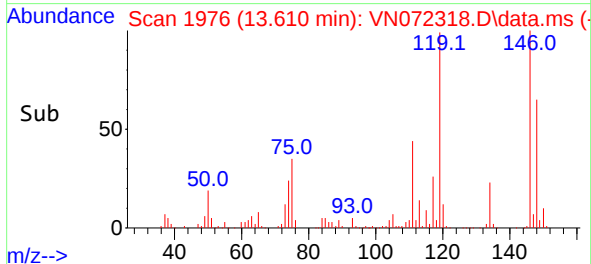
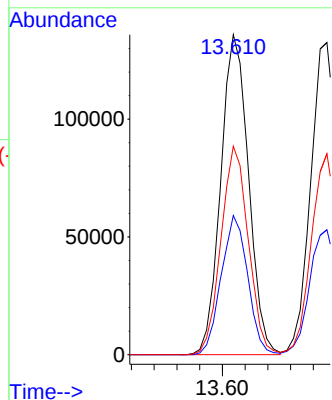
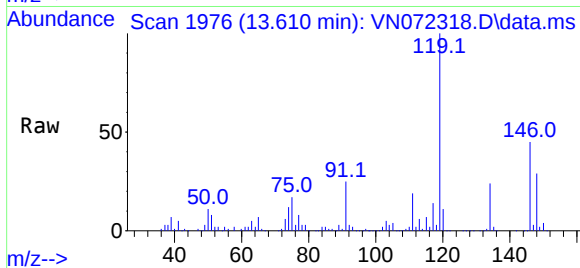
Tgt Ion:146 Resp: 230475
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.0 60.0
 148 64.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2022

Supervised By :Mahesh Dadoda 05/05/2022



#88

1,4-Dichlorobenzene

Concen: 48.223 ug/l

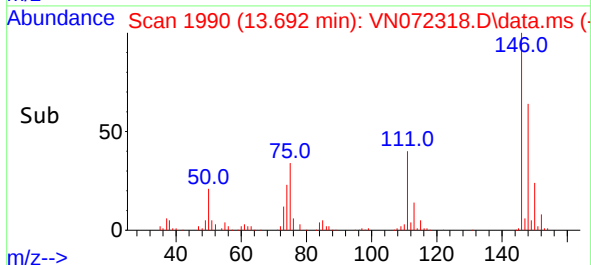
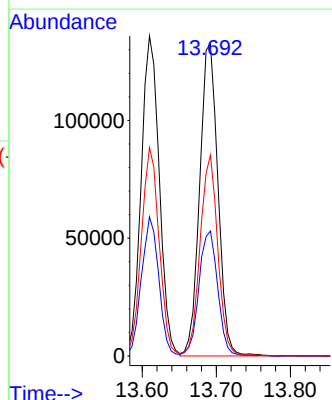
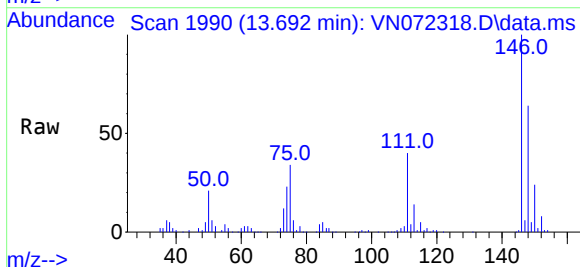
RT: 13.692 min Scan# 1990

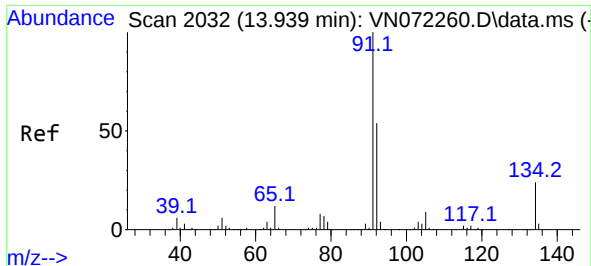
Delta R.T. 0.000 min

Lab File: VN072318.D

Acq: 04 May 2022 10:37

Tgt Ion:146 Resp: 227336
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.1 57.1
 148 62.5 31.4 94.3





#89
n-Butylbenzene
Concen: 51.255 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :

MSVOA_N

ClientSampleId :

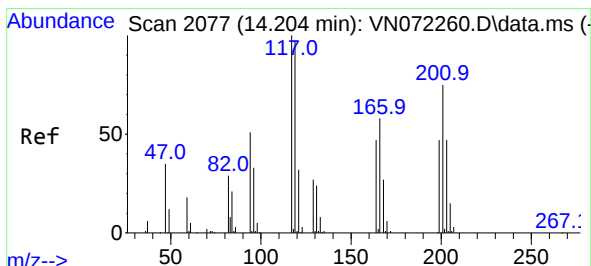
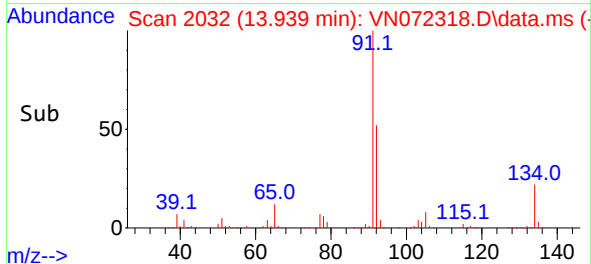
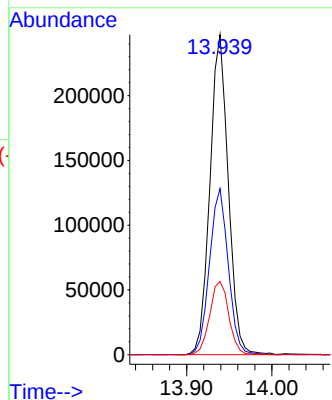
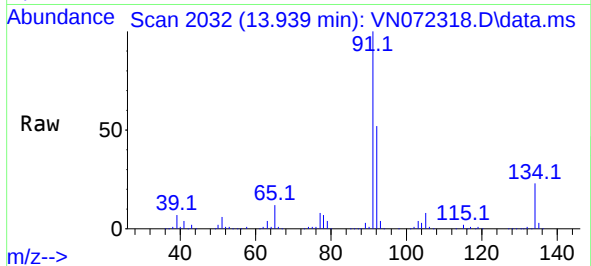
VSTDCCC050

Tgt Ion: 91 Resp: 369559
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 23.8 13.6 40.8

Manual Integrations

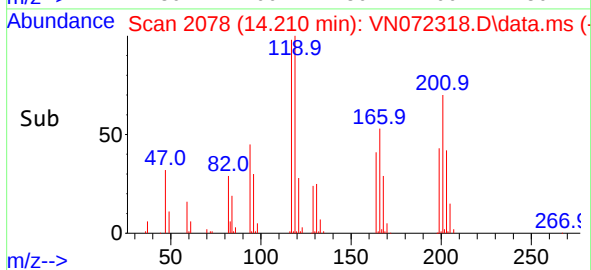
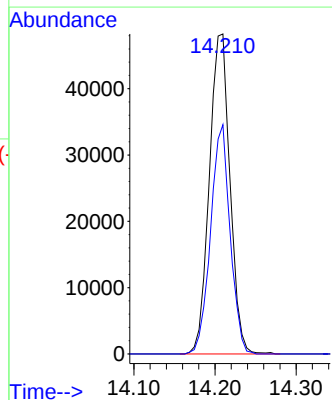
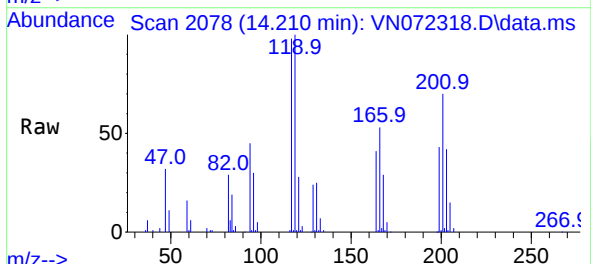
APPROVED

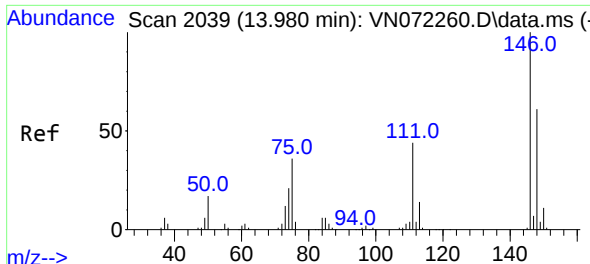
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#90
Hexachloroethane
Concen: 41.677 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Tgt Ion:117 Resp: 85164
Ion Ratio Lower Upper
117 100
201 67.7 40.6 122.0





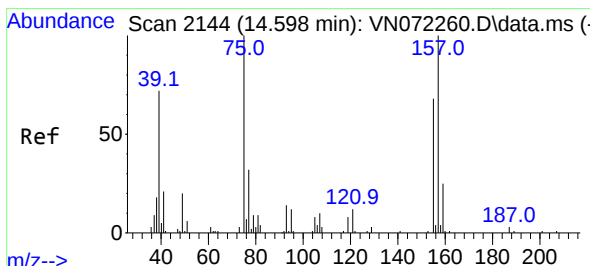
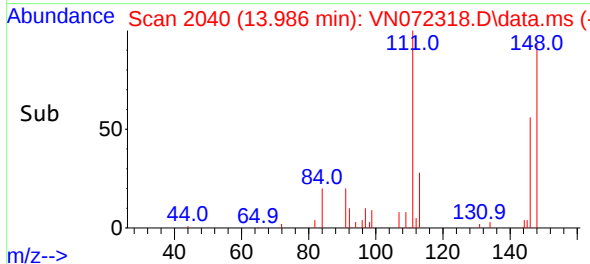
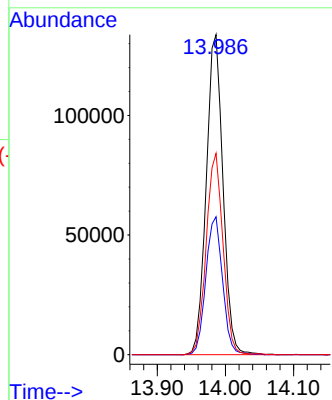
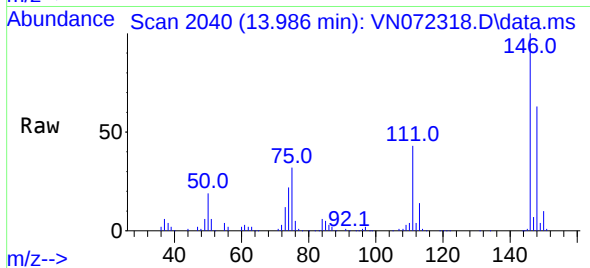
#91
1,2-Dichlorobenzene
Concen: 47.805 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 228410
Ion Ratio Lower Upper
146 100
111 43.1 20.9 62.8
148 63.2 32.1 96.3

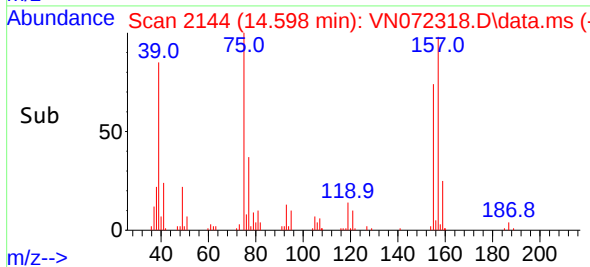
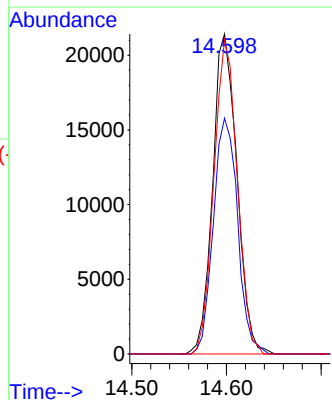
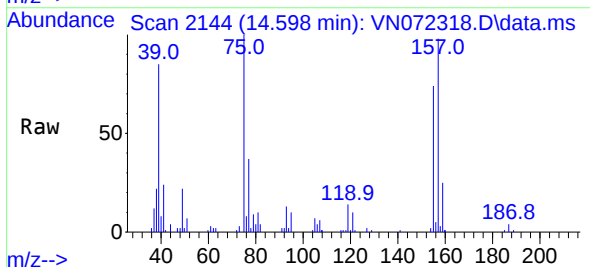
Manual Integrations
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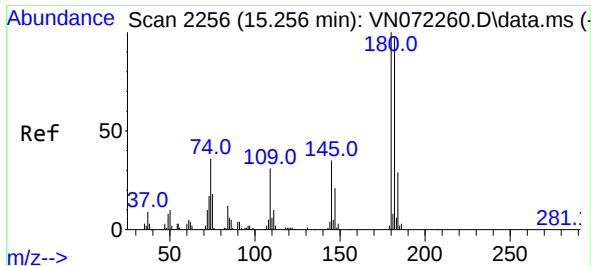
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.454 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

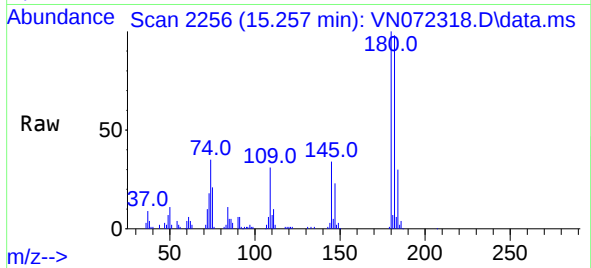
Tgt Ion: 75 Resp: 38065
Ion Ratio Lower Upper
75 100
155 73.8 44.9 134.5
157 95.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 42.826 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

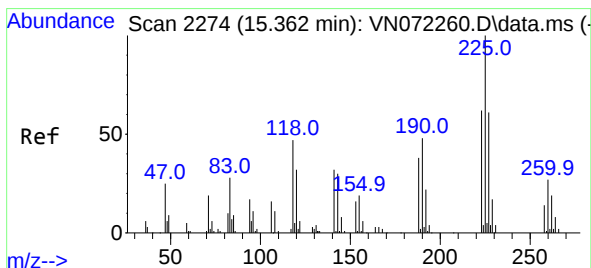
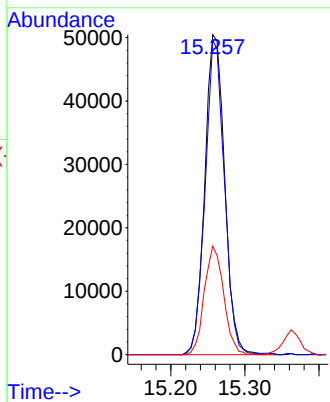
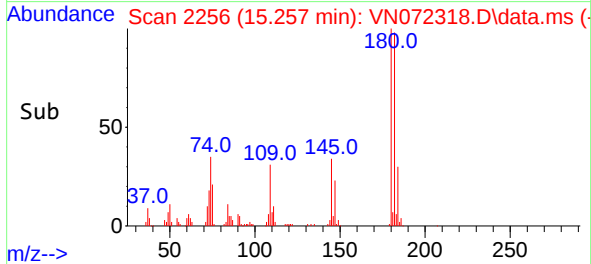
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



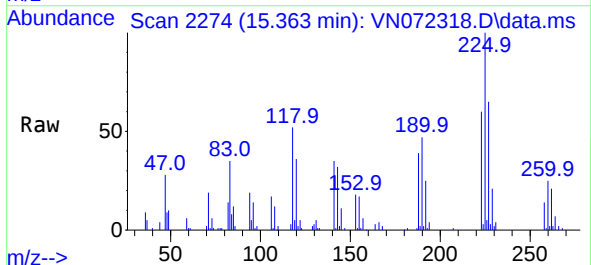
Tgt Ion:180 Resp: 93788
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 33.1 14.5 43.5

Manual Integrations
APPROVED

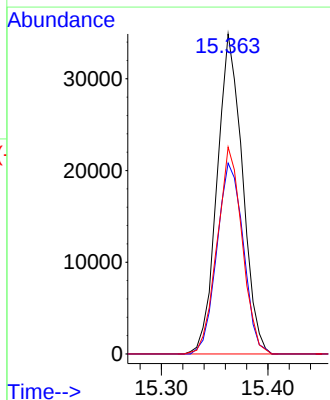
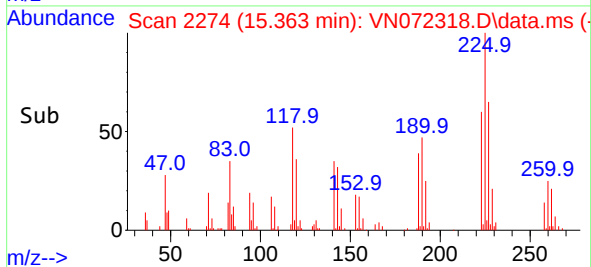
Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

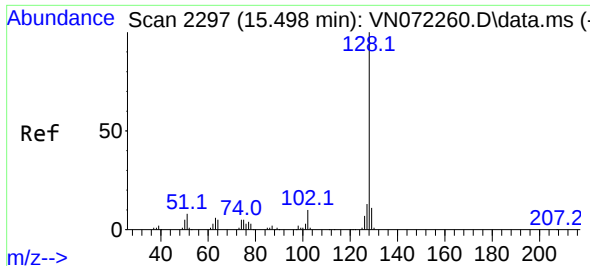


#94
Hexachlorobutadiene
Concen: 44.941 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



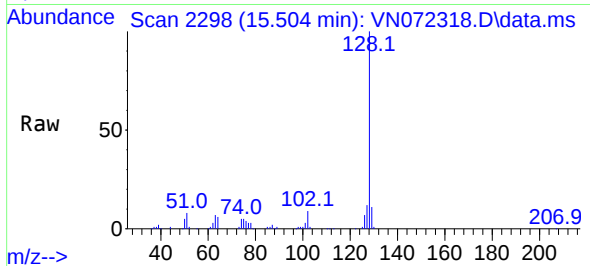
Tgt Ion:225 Resp: 57540
Ion Ratio Lower Upper
225 100
223 62.2 32.4 97.2
227 63.9 31.8 95.4





#95
Naphthalene
Concen: 39.568 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37

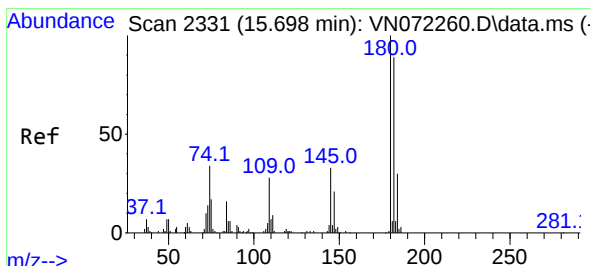
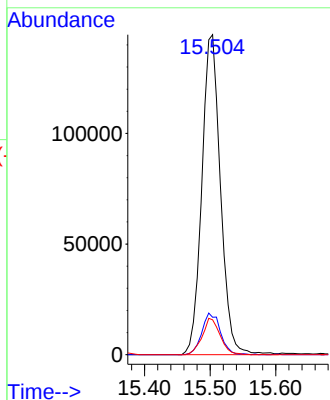
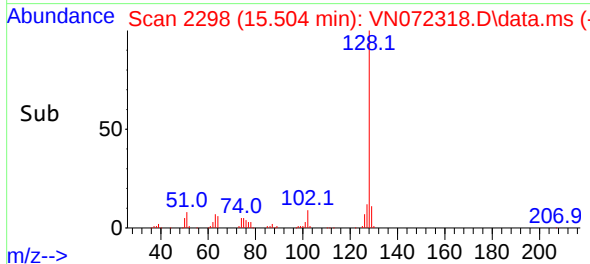
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



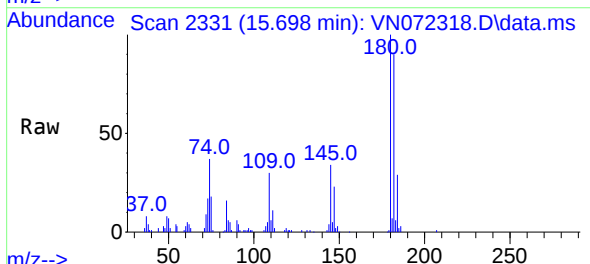
Tgt Ion:128 Resp: 286611
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 44.884 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072318.D
Acq: 04 May 2022 10:37



Tgt Ion:180 Resp: 98171
Ion Ratio Lower Upper
180 100
182 92.2 47.8 143.3
145 34.1 15.5 46.5

