

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073454.D
 Acq On : 13 Jul 2022 17:38
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 14 07:04:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	237805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	407540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	380603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	184526	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	172735	50.316	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.640%	
35) Dibromofluoromethane	7.951	113	136671	50.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.820%	
50) Toluene-d8	10.380	98	466961	48.490	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.980%	
62) 4-Bromofluorobenzene	12.668	95	198269	53.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	153475	44.143	ug/l	96
3) Chloromethane	2.269	50	143173	42.417	ug/l	99
4) Vinyl Chloride	2.404	62	124921	43.557	ug/l	98
5) Bromomethane	2.781	94	57246	42.260	ug/l	100
6) Chloroethane	2.951	64	78159	46.328	ug/l	97
7) Trichlorofluoromethane	3.304	101	199974	40.332	ug/l	98
8) Diethyl Ether	3.763	74	98747	48.924	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.140	101	139310	47.551	ug/l	97
10) Methyl Iodide	4.351	142	145477	41.563	ug/l	96
11) Tert butyl alcohol	5.292	59	227810	273.935	ug/l	99
12) 1,1-Dichloroethene	4.104	96	127864	45.675	ug/l	99
13) Acrolein	3.981	56	84788	161.304	ug/l	98
14) Allyl chloride	4.751	41	291447	49.419	ug/l #	92
15) Acrylonitrile	5.469	53	598670	279.646	ug/l	99
16) Acetone	4.222	43	541254	280.881	ug/l	95
17) Carbon Disulfide	4.451	76	290912	40.077	ug/l	100
18) Methyl Acetate	4.775	43	320270	59.308	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	531019	52.046	ug/l	99
20) Methylene Chloride	5.010	84	161348	47.644	ug/l	87
21) trans-1,2-Dichloroethene	5.504	96	134636	46.028	ug/l	98
22) Diisopropyl ether	6.410	45	590416	53.652	ug/l	95
23) Vinyl Acetate	6.345	43	2555106	259.329	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	289924	50.910	ug/l	99
25) 2-Butanone	7.257	43	884884	288.426	ug/l	91
26) 2,2-Dichloropropane	7.245	77	221389	42.034	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	172416	48.674	ug/l	96
28) Bromochloromethane	7.580	49	124699	52.284	ug/l	82
29) Tetrahydrofuran	7.610	42	591906	281.765	ug/l	86
30) Chloroform	7.745	83	292755	51.040	ug/l	100
31) Cyclohexane	8.016	56	245643	43.690	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	248819	48.678	ug/l	99
36) 1,1-Dichloropropene	8.151	75	203545	48.788	ug/l	98
37) Ethyl Acetate	7.333	43	336674	53.407	ug/l #	95
38) Carbon Tetrachloride	8.127	117	206329	47.823	ug/l	99
39) Methylcyclohexane	9.392	83	244107	46.996	ug/l	95
40) Benzene	8.392	78	627572	48.741	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	181200	59.269	ug/l #	81
42) 1,2-Dichloroethane	8.463	62	239738	51.365	ug/l	97
43) Isopropyl Acetate	8.492	43	496531	54.806	ug/l	92
44) Trichloroethene	9.151	130	157028	47.924	ug/l	93
45) 1,2-Dichloropropane	9.427	63	167420	51.015	ug/l	98
46) Dibromomethane	9.510	93	112983	50.704	ug/l	92
47) Bromodichloromethane	9.698	83	230147	53.327	ug/l	98
48) Methyl methacrylate	9.498	41	222489	53.039	ug/l	89
49) 1,4-Dioxane	9.504	88	89864	1128.476	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1696365	295.261	ug/l	90
52) Toluene	10.445	92	392078	49.274	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	245246	51.620	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	264565	51.580	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	165407	50.493	ug/l	97
56) Ethyl methacrylate	10.704	69	285330	53.889	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	287852	51.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	644794	273.059	ug/l	94
59) 2-Hexanone	11.027	43	1295686	295.854	ug/l	88
60) Dibromochloromethane	11.180	129	170108	54.465	ug/l	100
61) 1,2-Dibromoethane	11.286	107	171418	52.389	ug/l	98
64) Tetrachloroethene	10.916	164	142981	46.006	ug/l	94
65) Chlorobenzene	11.710	112	412276	47.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	153343	48.432	ug/l	99
67) Ethyl Benzene	11.780	91	769321	49.229	ug/l	100
68) m/p-Xylenes	11.892	106	580614	98.447	ug/l	95
69) o-Xylene	12.221	106	292134	48.521	ug/l	96
70) Styrene	12.233	104	478943	51.524	ug/l	98
71) Bromoform	12.398	173	125787	54.295	ug/l #	98
73) Isopropylbenzene	12.515	105	766327	48.092	ug/l	100
74) N-amyl acetate	12.327	43	392488	49.191	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	265827	50.273	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	353801	73.327	ug/l #	1
77) Bromobenzene	12.798	156	172680	46.610	ug/l	84
78) n-propylbenzene	12.857	91	898511	50.757	ug/l	97
79) 2-Chlorotoluene	12.945	91	547190	48.840	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	646843	49.803	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.568	75	82829	47.079	ug/l	90
82) 4-Chlorotoluene	13.045	91	529245	48.794	ug/l	96
83) tert-Butylbenzene	13.262	119	564270	48.460	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	636187	49.061	ug/l	96
85) sec-Butylbenzene	13.439	105	797878	51.030	ug/l	99
86) p-Isopropyltoluene	13.557	119	658104	52.105	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	320016	48.149	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	320026	48.057	ug/l	99
89) n-Butylbenzene	13.880	91	559162	53.128	ug/l	98
90) Hexachloroethane	14.151	117	112969	47.993	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	326602	48.239	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	67524	52.540	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	182972	51.902	ug/l	97
94) Hexachlorobutadiene	15.298	225	77301	49.326	ug/l	98
95) Naphthalene	15.433	128	701214	49.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	184888	50.842	ug/l	99

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Response via : Initial Calibration

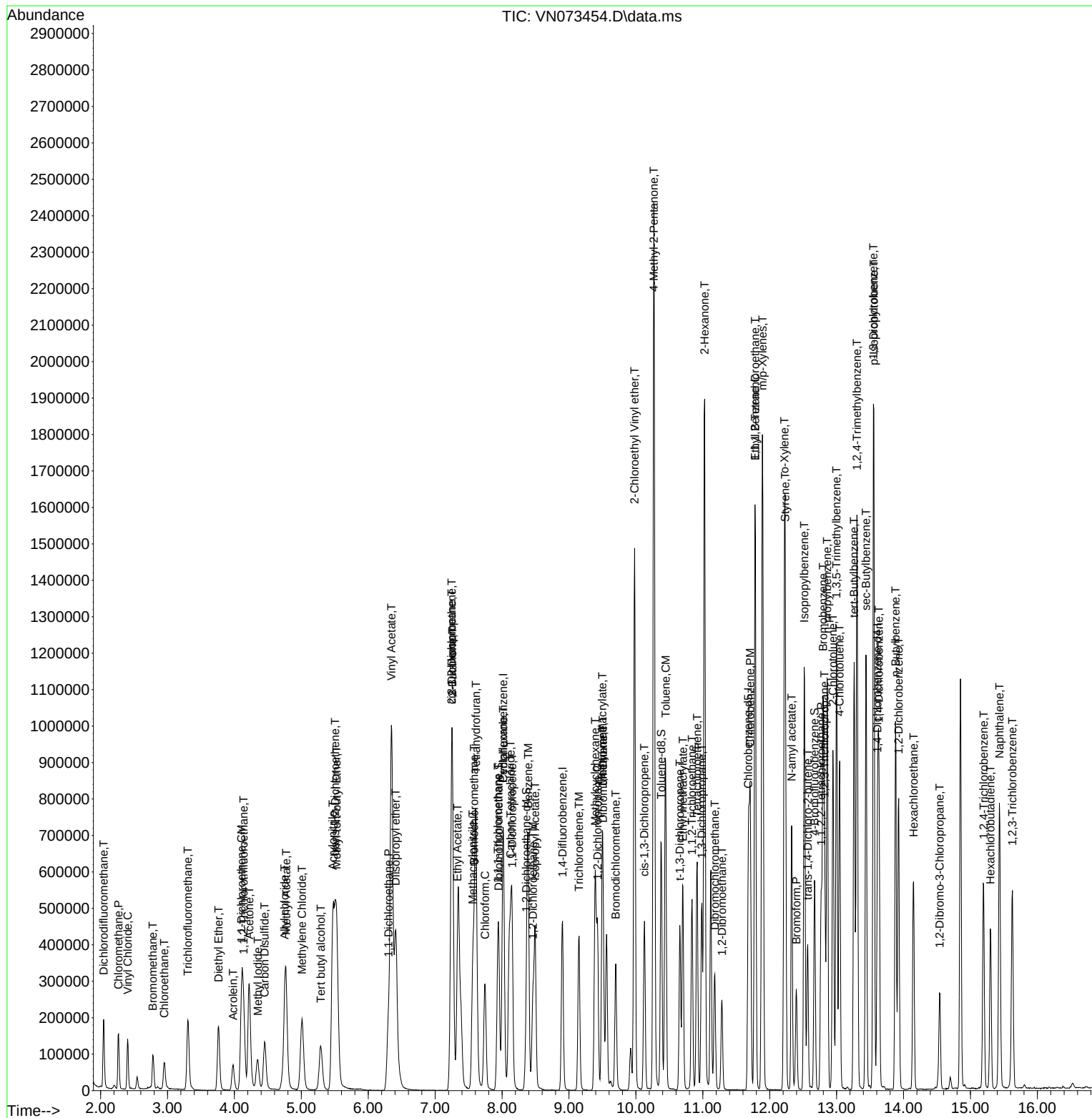
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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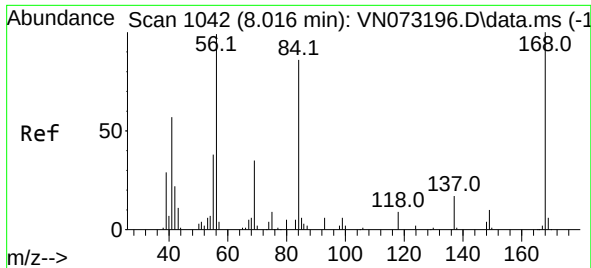
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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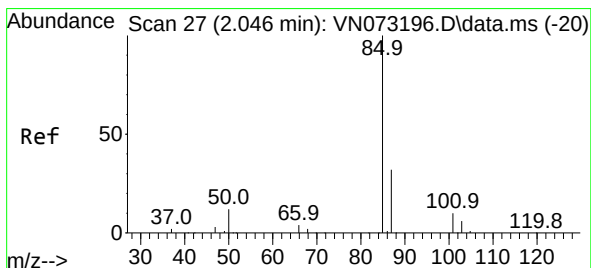
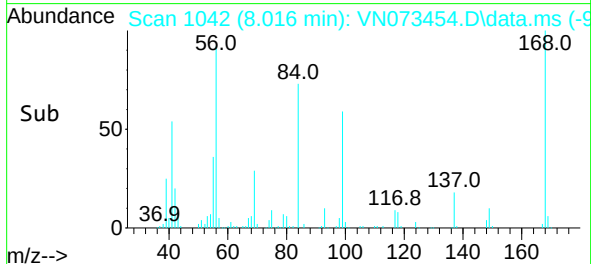
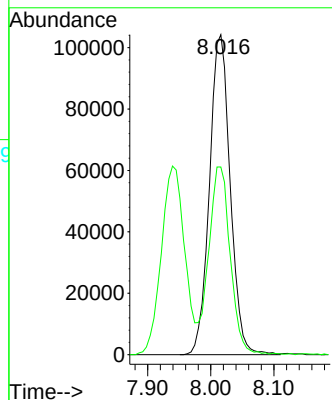
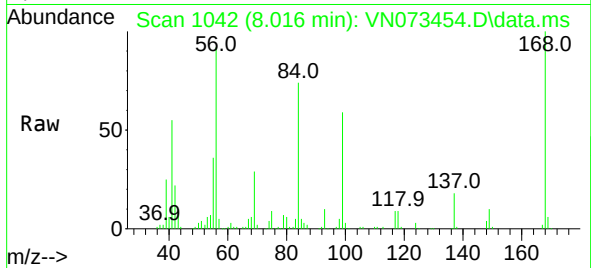




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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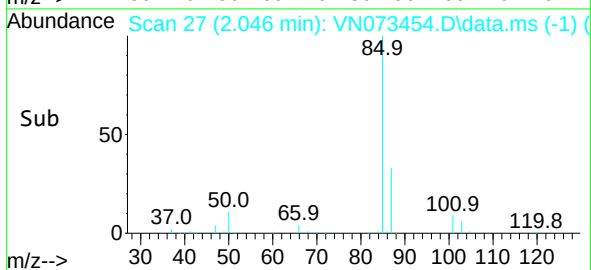
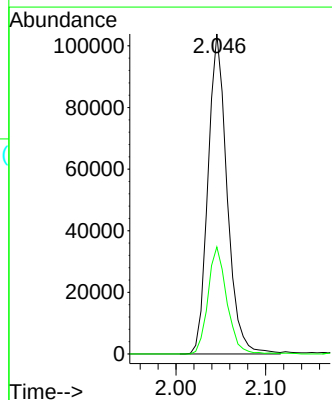
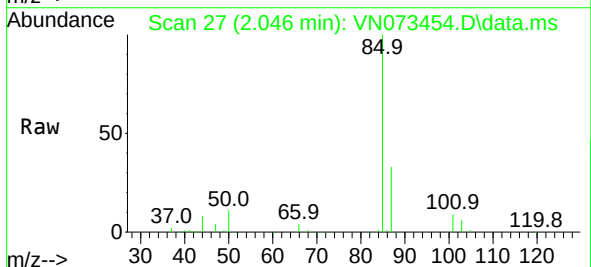
Instrument :
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ClientSampleId :
VSTDCCC050EC

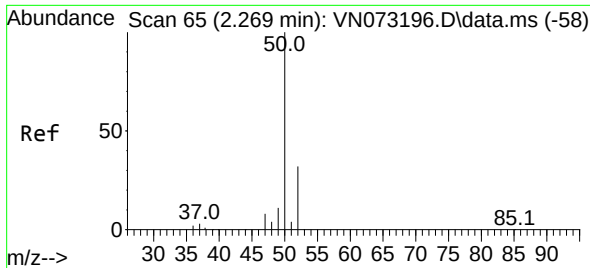
Tgt Ion:168 Resp: 237805
Ion Ratio Lower Upper
168 100
99 58.4 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 44.143 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 85 Resp: 153475
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.1

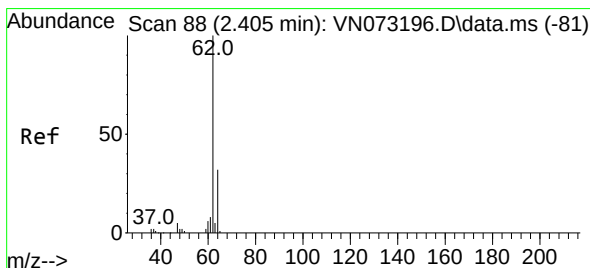
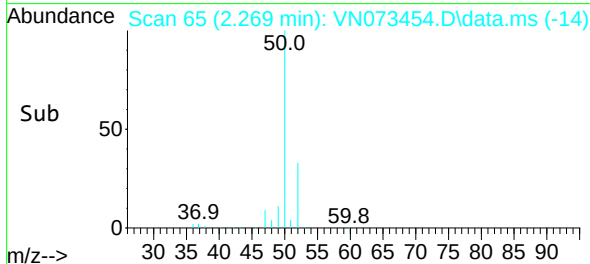
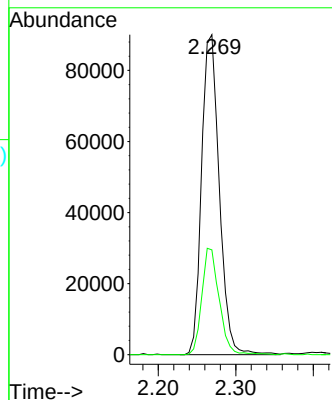
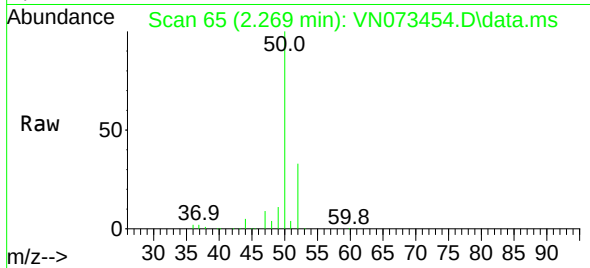




#3
Chloromethane
Concen: 42.417 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

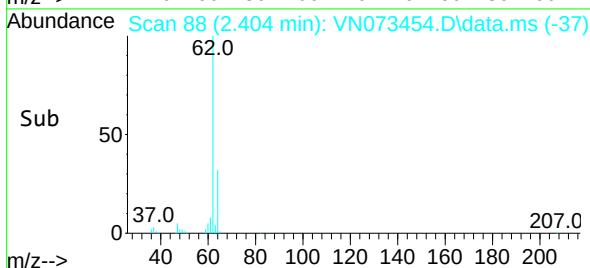
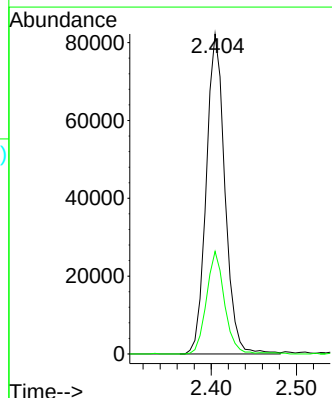
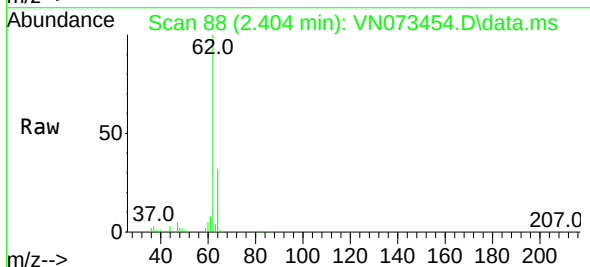
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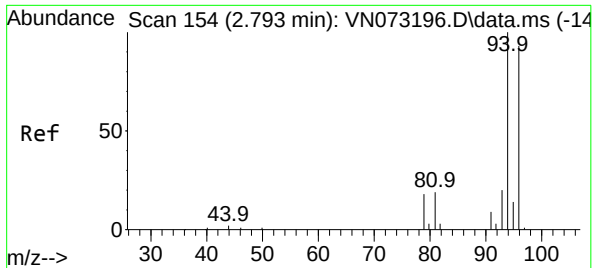
Tgt Ion: 50 Resp: 143173
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 43.557 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 62 Resp: 124921
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4

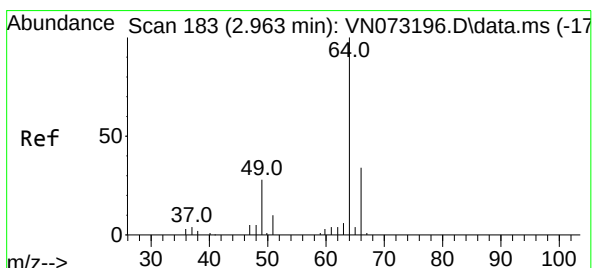
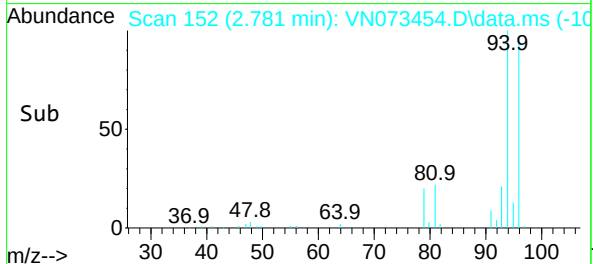
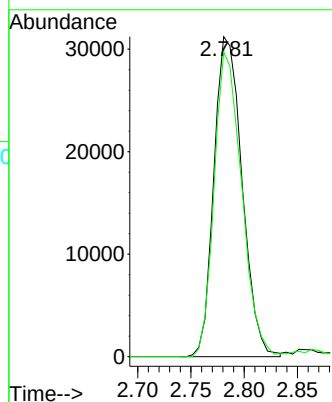
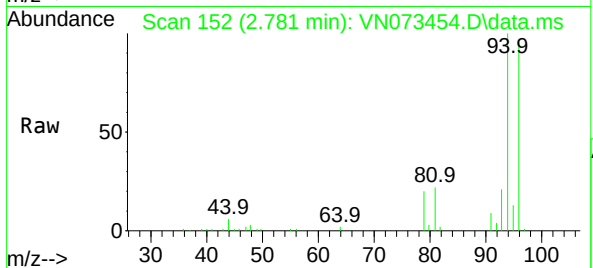




#5
Bromomethane
Concen: 42.260 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073454.D
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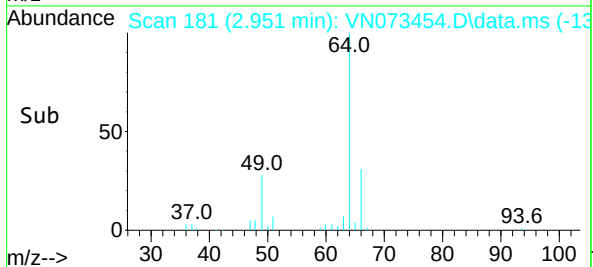
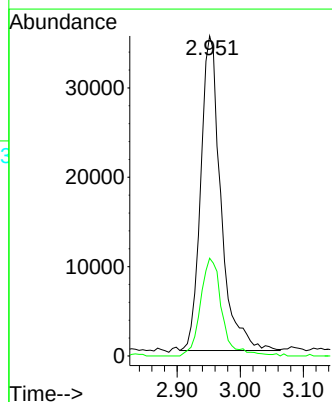
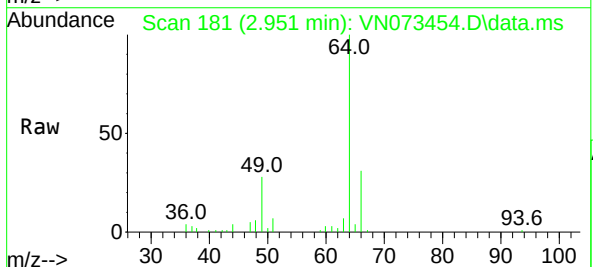
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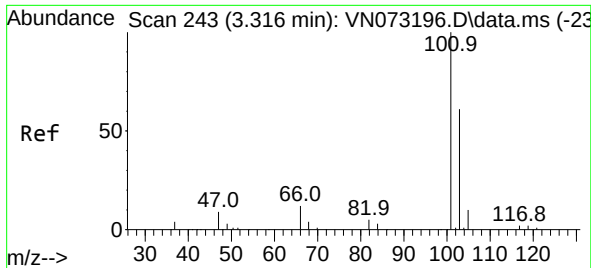
Tgt Ion: 94 Resp: 57246
Ion Ratio Lower Upper
94 100
96 95.2 76.0 114.0



#6
Chloroethane
Concen: 46.328 ug/l
RT: 2.951 min Scan# 181
Delta R.T. -0.012 min
Lab File: VN073454.D
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Tgt Ion: 64 Resp: 78159
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4

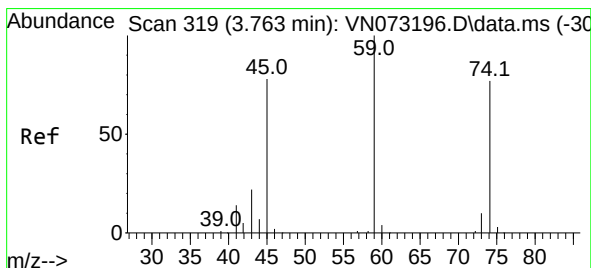
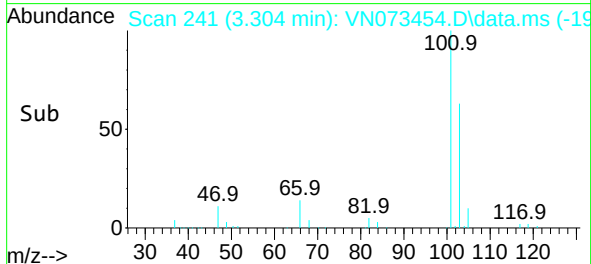
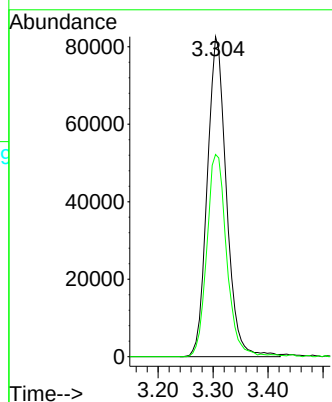
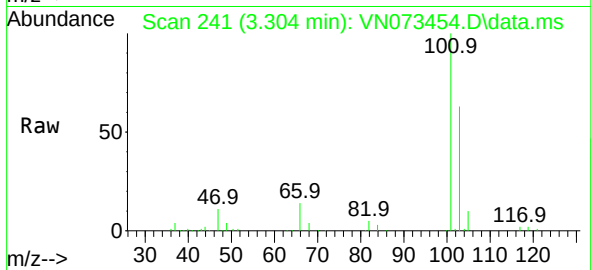




#7
 Trichlorofluoromethane
 Concen: 40.332 ug/l
 RT: 3.304 min Scan# 243
 Delta R.T. -0.012 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

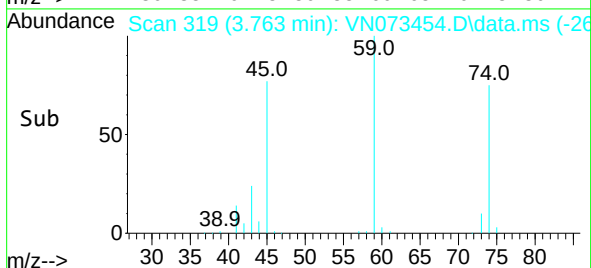
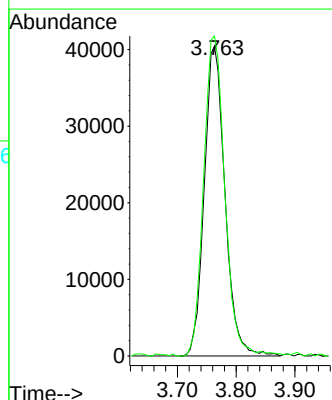
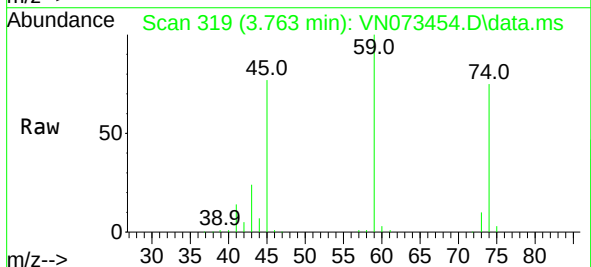
Instrument :
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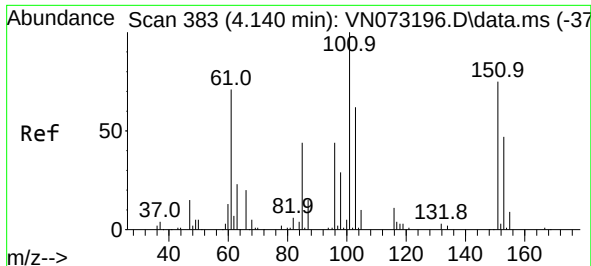
Tgt Ion:101 Resp: 199974
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 48.924 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 98747
 Ion Ratio Lower Upper
 74 100
 45 105.8 42.9 128.5

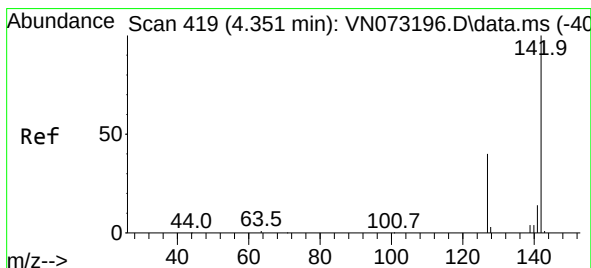
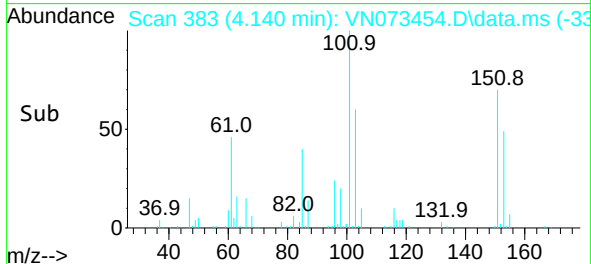
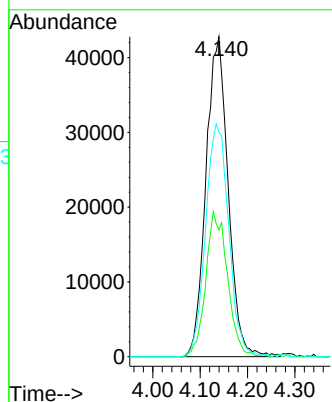
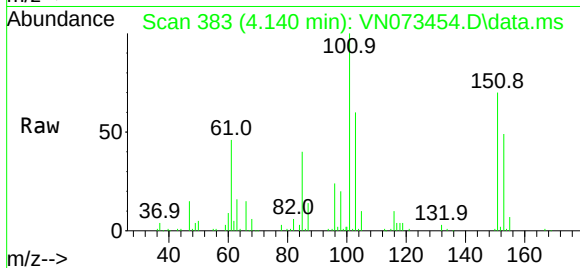




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.551 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

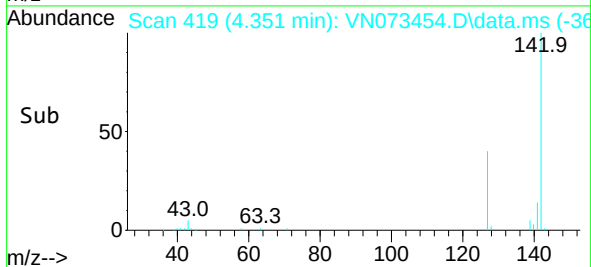
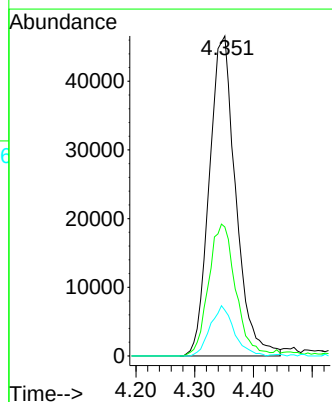
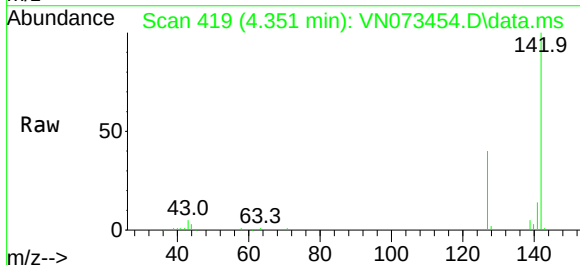
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

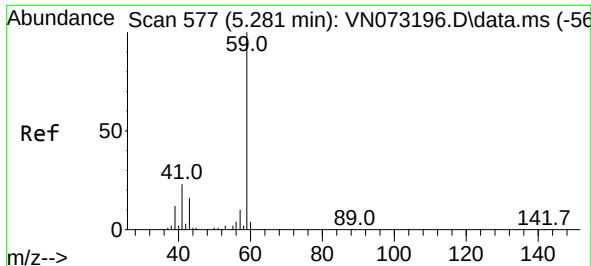
Tgt Ion:101 Resp: 139310
Ion Ratio Lower Upper
101 100
85 44.3 34.7 52.1
151 75.6 63.0 94.4



#10
Methyl Iodide
Concen: 41.563 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion:142 Resp: 145477
Ion Ratio Lower Upper
142 100
127 42.2 31.3 46.9
141 14.3 11.2 16.8

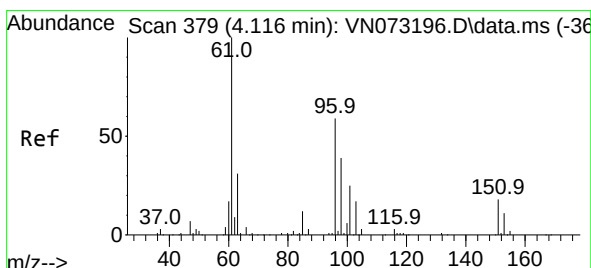
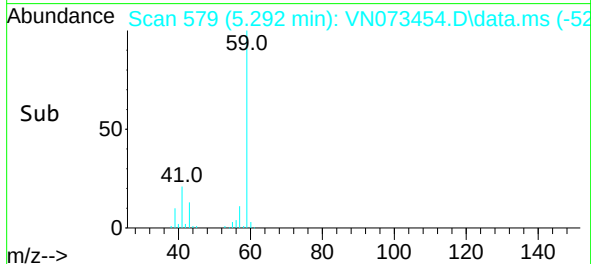
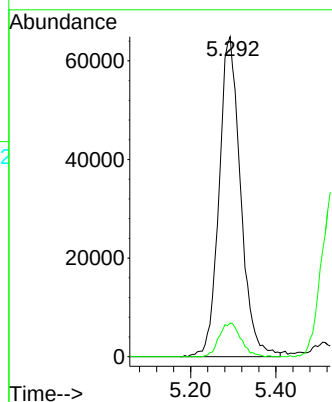
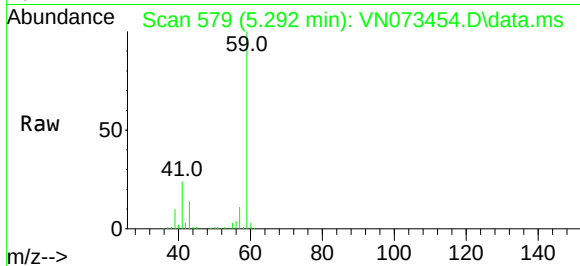




#11
Tert butyl alcohol
Concen: 273.935 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

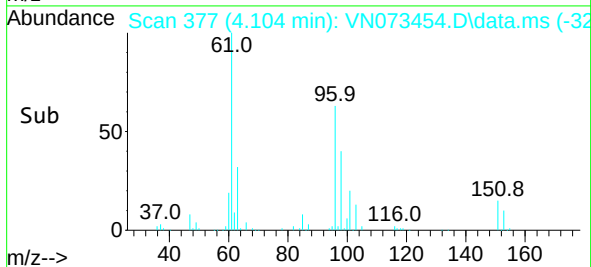
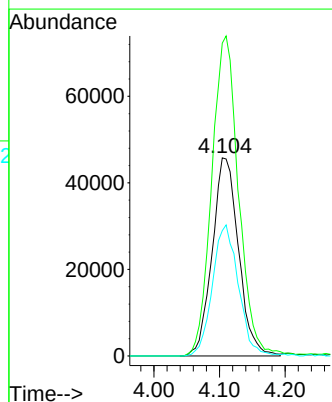
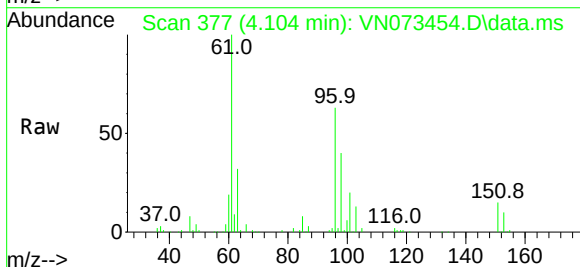
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

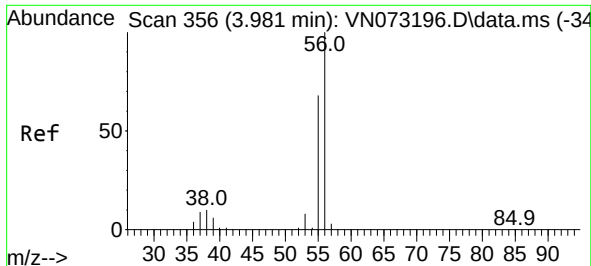
Tgt Ion: 59 Resp: 227810
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.675 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 96 Resp: 127864
Ion Ratio Lower Upper
96 100
61 157.9 127.6 191.4
98 63.2 51.2 76.8

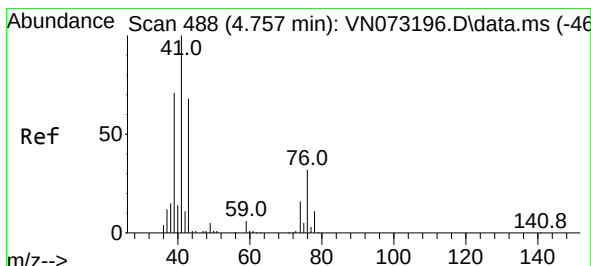
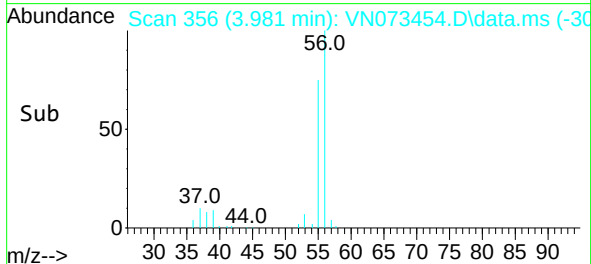
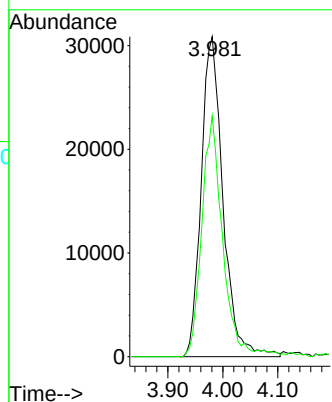
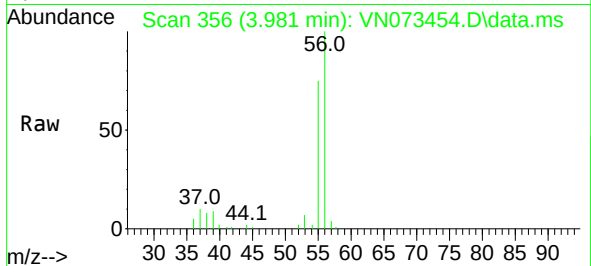




#13
Acrolein
Concen: 161.304 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

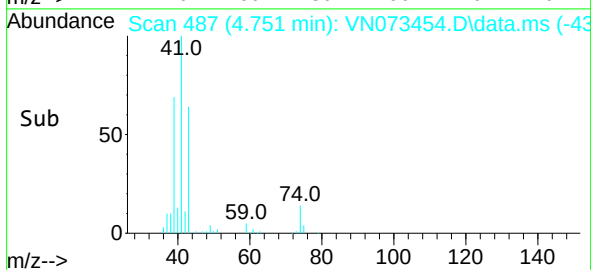
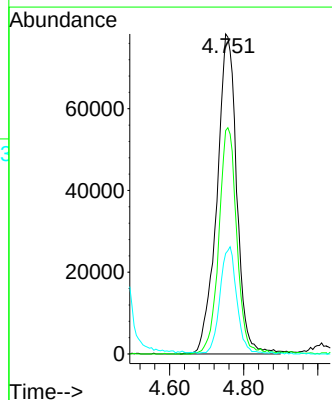
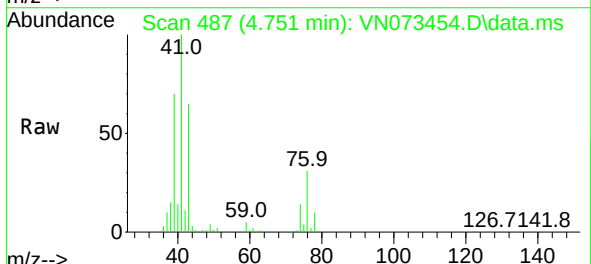
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

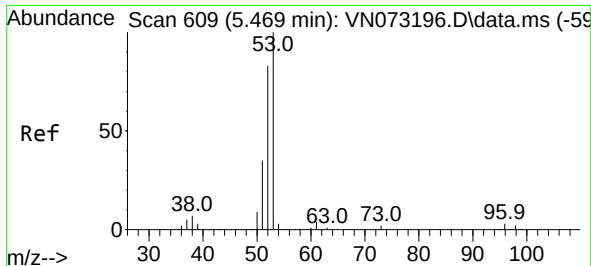
Tgt Ion: 56 Resp: 84788
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2



#14
Allyl chloride
Concen: 49.419 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 41 Resp: 291447
Ion Ratio Lower Upper
41 100
39 63.5 53.2 79.8
76 27.5 29.9 44.9#



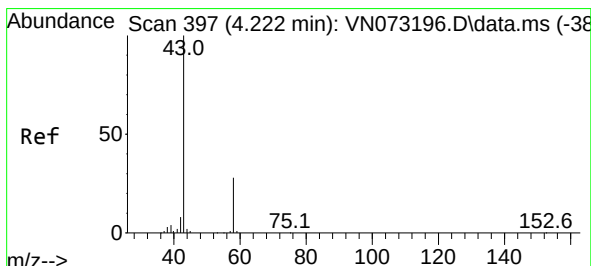
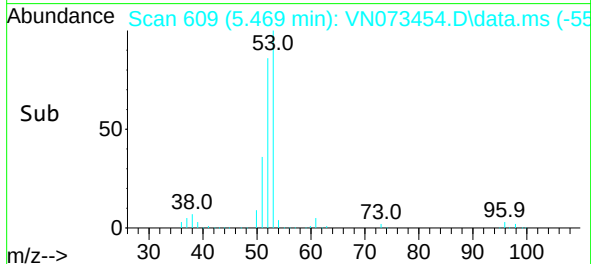
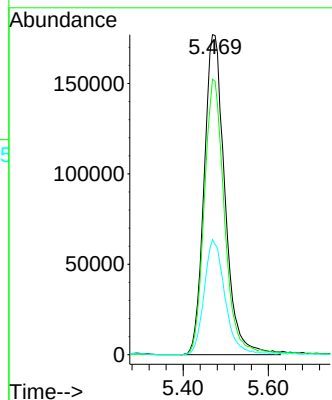
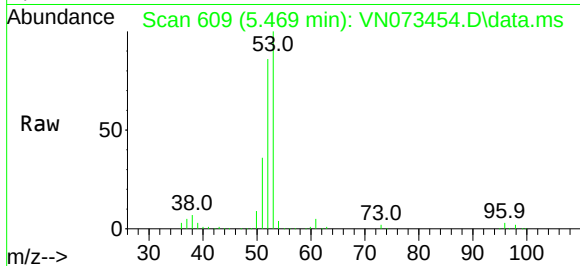


#15
 Acrylonitrile
 Concen: 279.646 ug/l
 RT: 5.469 min Scan# 609
 Delta R.T. -0.000 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 53 Resp: 598670

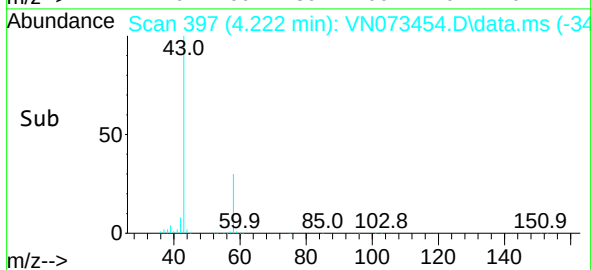
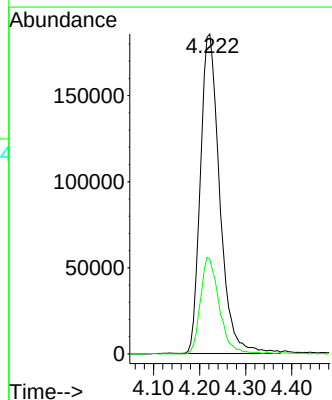
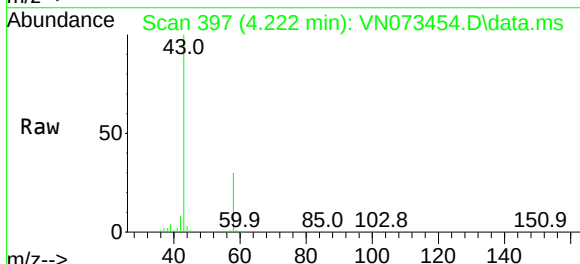
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.4	99.6
51	36.2	28.5	42.7

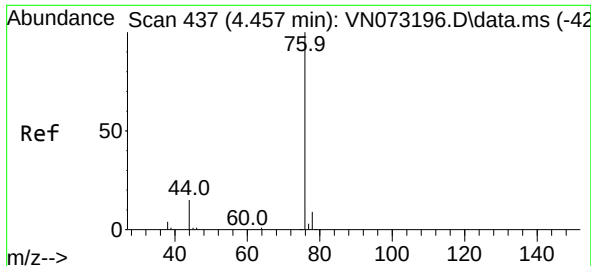


#16
 Acetone
 Concen: 280.881 ug/l
 RT: 4.222 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

Tgt Ion: 43 Resp: 541254

Ion	Ratio	Lower	Upper
43	100		
58	29.7	26.0	39.0

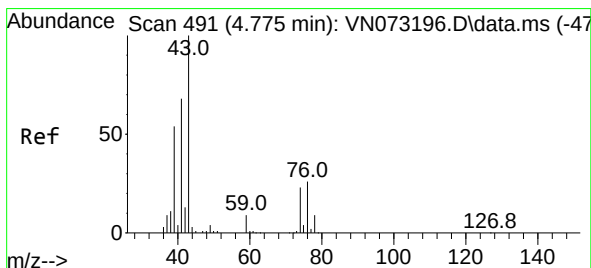
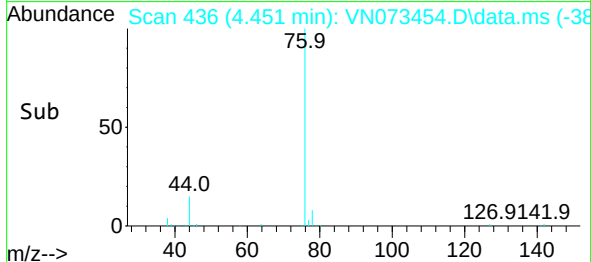
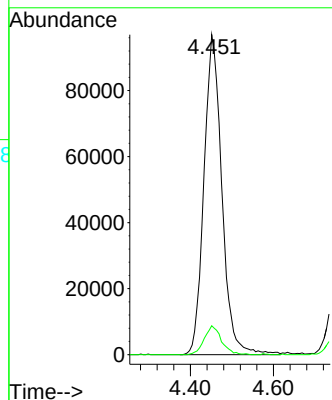
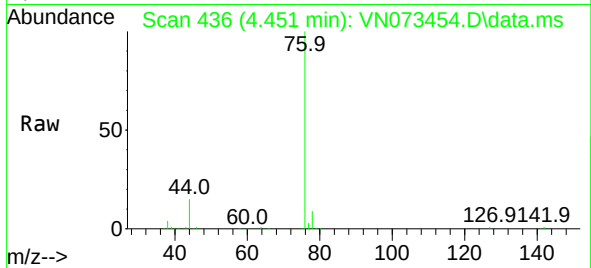




#17
Carbon Disulfide
Concen: 40.077 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

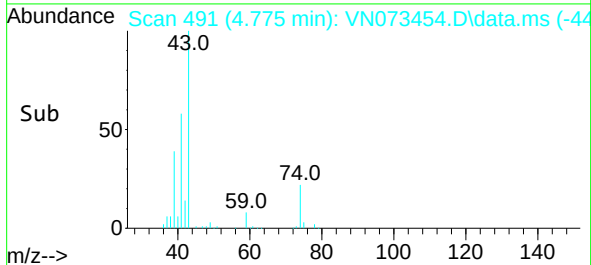
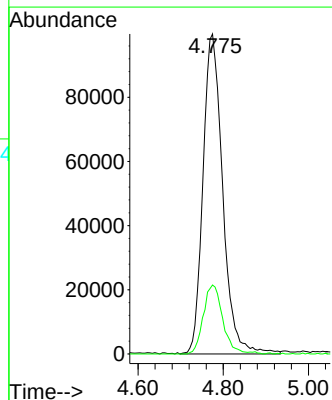
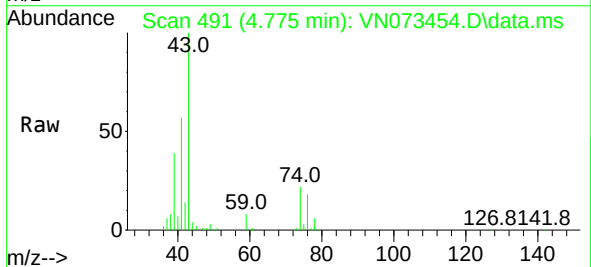
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

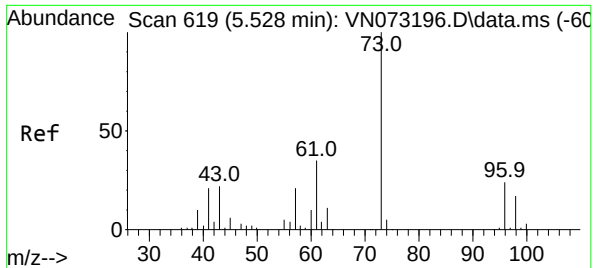
Tgt Ion: 76 Resp: 290912
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 59.308 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 43 Resp: 320270
Ion Ratio Lower Upper
43 100
74 21.1 21.6 32.4#

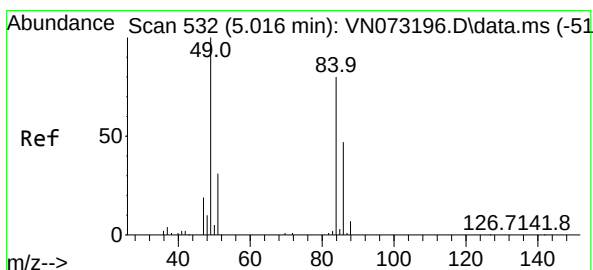
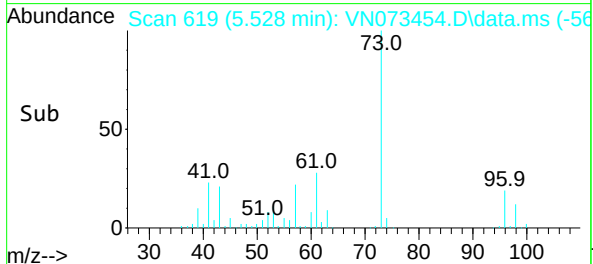
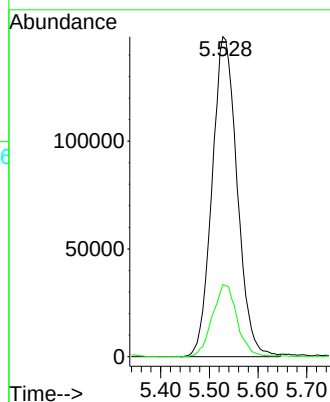
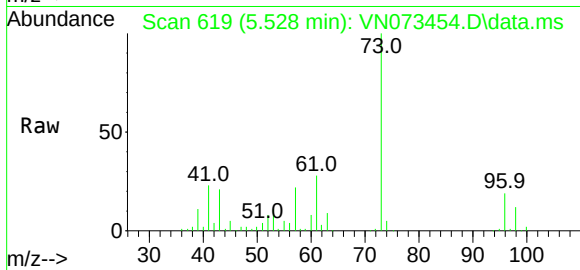




#19
Methyl tert-butyl Ether
Concen: 52.046 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

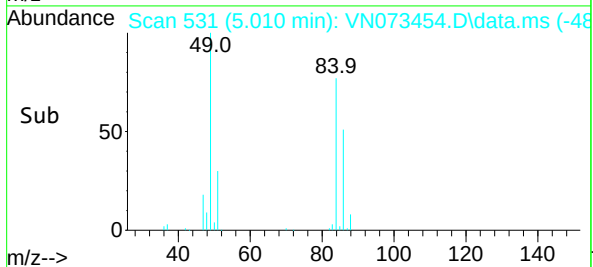
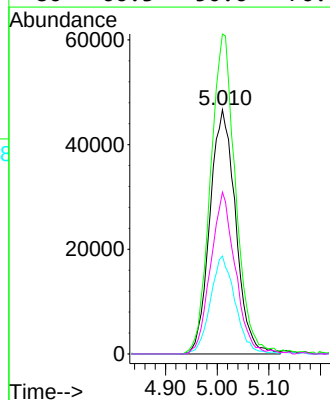
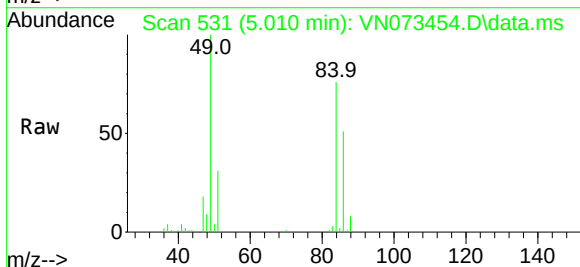
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

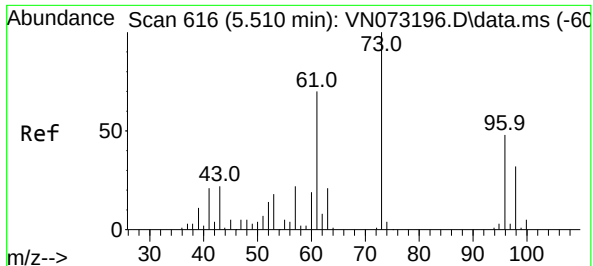
Tgt Ion: 73 Resp: 531019
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4



#20
Methylene Chloride
Concen: 47.644 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

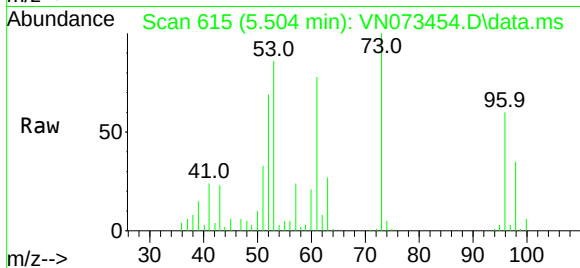
Tgt Ion: 84 Resp: 161348
Ion Ratio Lower Upper
84 100
49 131.1 88.3 132.5
51 40.1 28.2 42.2
86 66.3 50.6 76.0





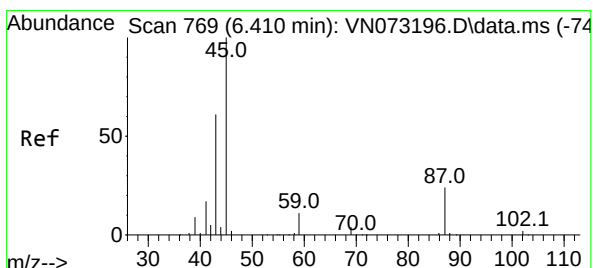
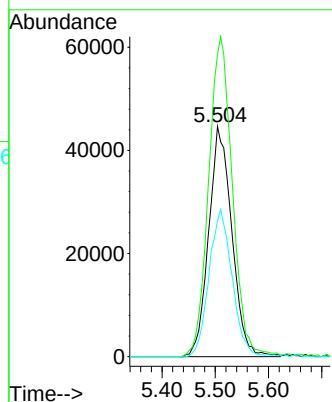
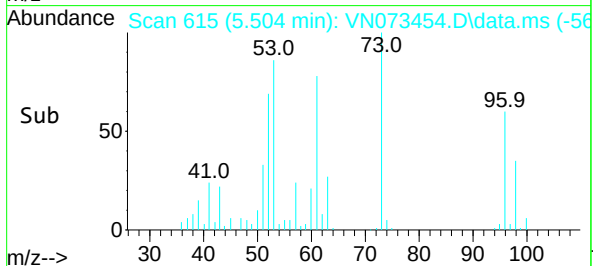
#21
trans-1,2-Dichloroethene
Concen: 46.028 ug/l
RT: 5.504 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

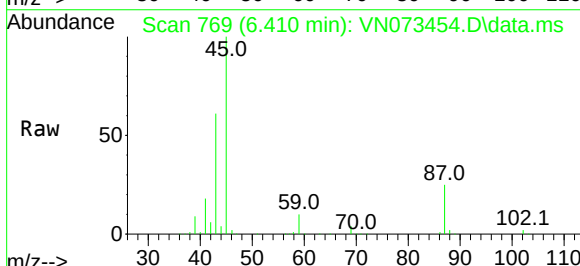


Tgt Ion: 96 Resp: 134636

Ion	Ratio	Lower	Upper
96	100		
61	131.2	105.8	158.8
98	59.0	50.3	75.5

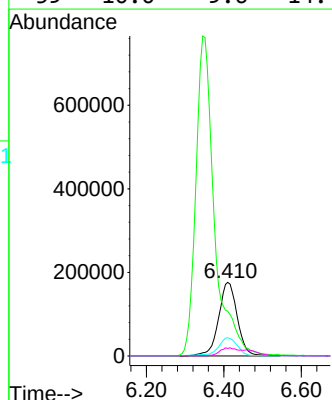
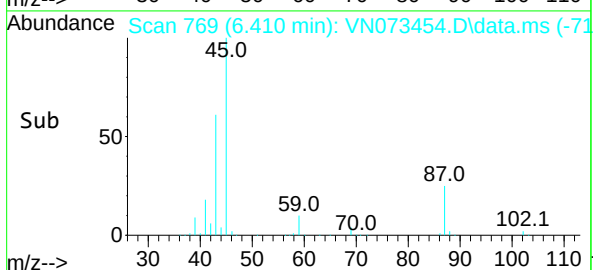


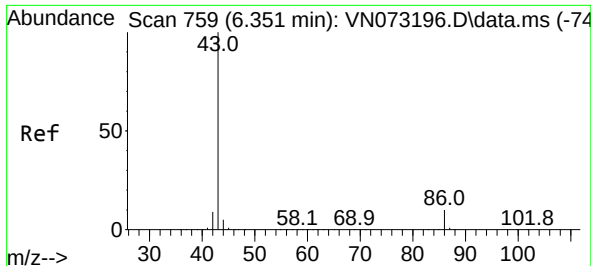
#22
Diisopropyl ether
Concen: 53.652 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38



Tgt Ion: 45 Resp: 590416

Ion	Ratio	Lower	Upper
45	100		
43	59.6	46.6	70.0
87	24.7	24.3	36.5
59	10.0	9.6	14.4

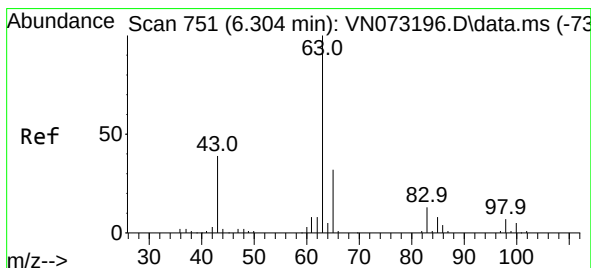
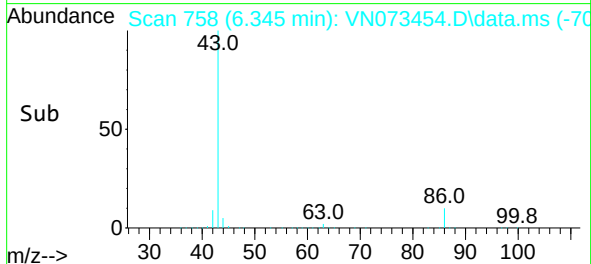
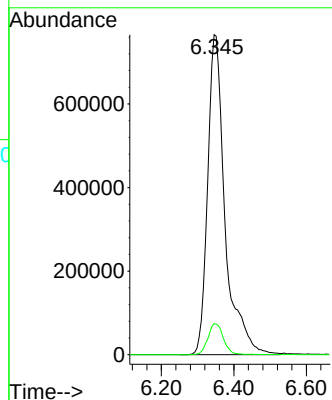
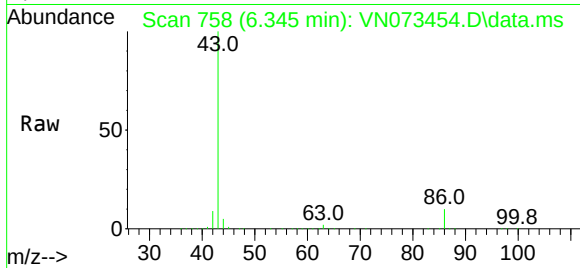




#23
 Vinyl Acetate
 Concen: 259.329 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

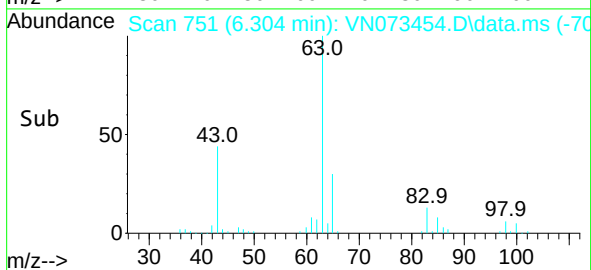
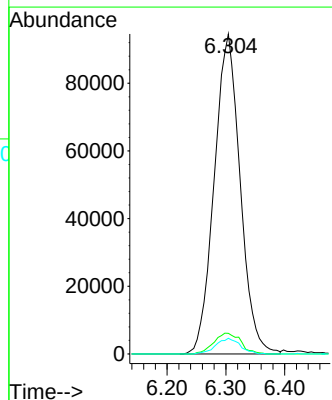
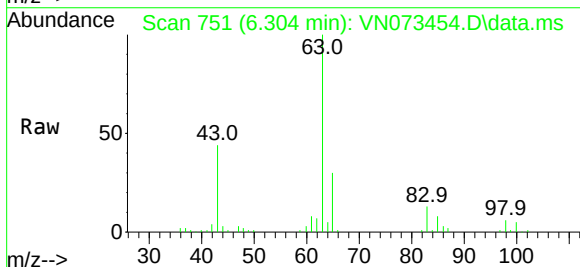
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

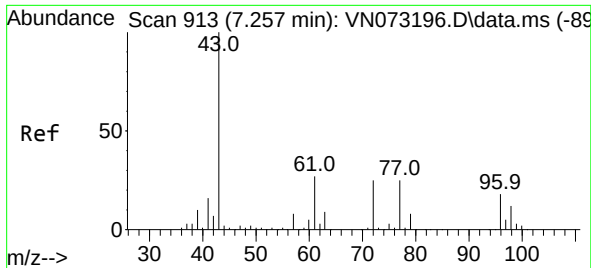
Tgt Ion: 43 Resp: 2555106
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 50.910 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

Tgt Ion: 63 Resp: 289924
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.9 2.3 6.8

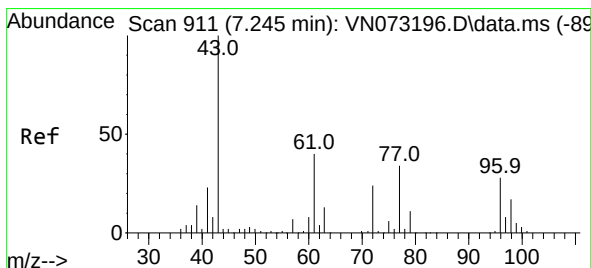
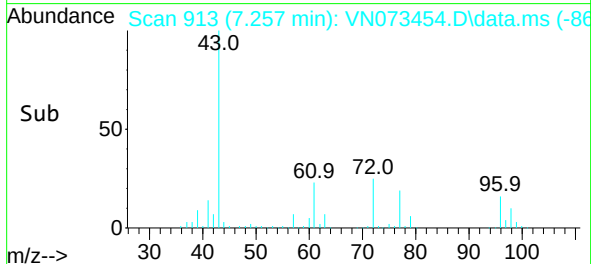
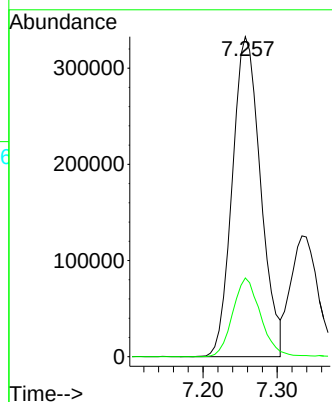
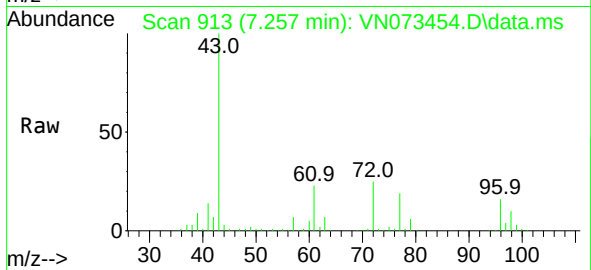




#25
2-Butanone
Concen: 288.426 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

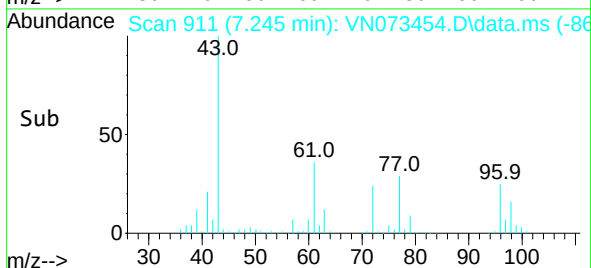
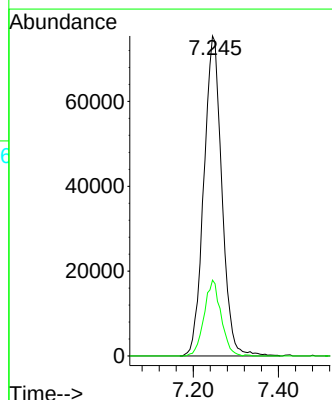
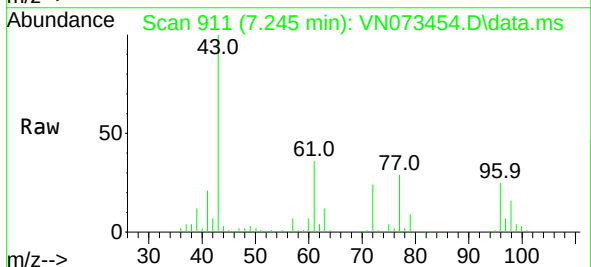
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

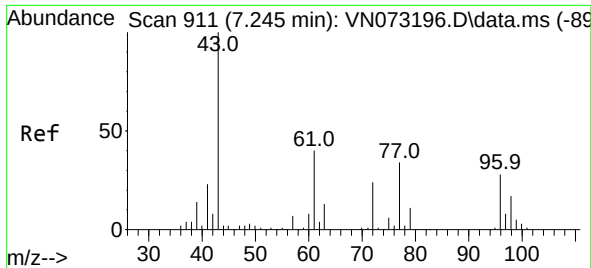
Tgt Ion: 43 Resp: 884884
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5



#26
2,2-Dichloropropane
Concen: 42.034 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 77 Resp: 221389
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2

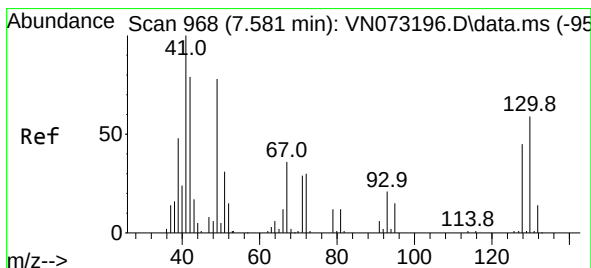
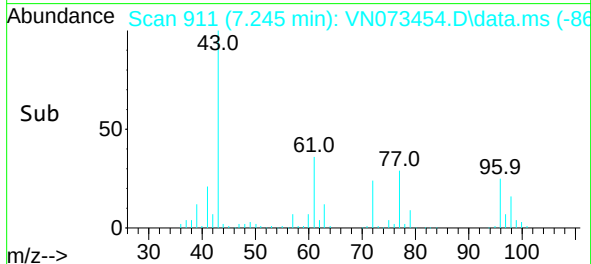
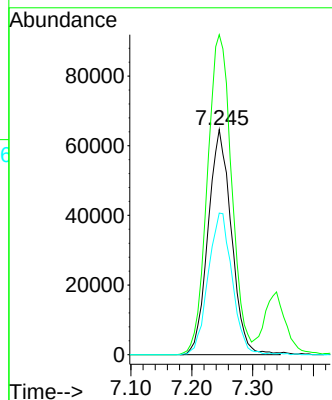
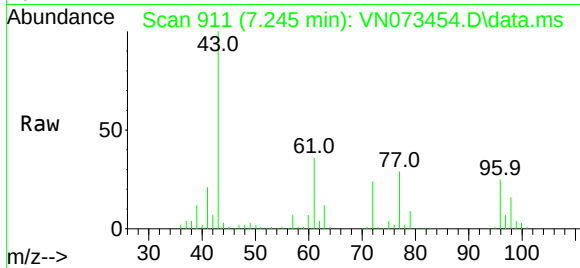




#27
 cis-1,2-Dichloroethene
 Concen: 48.674 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

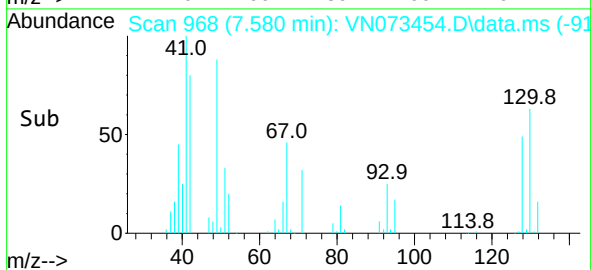
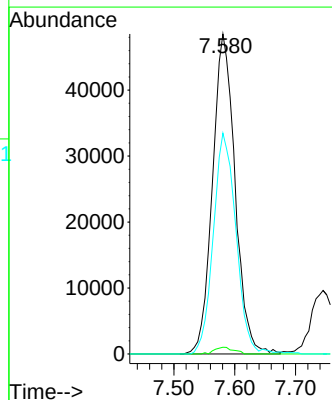
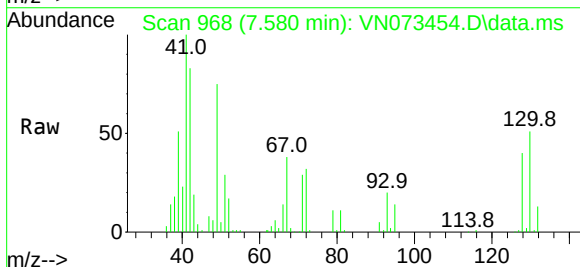
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

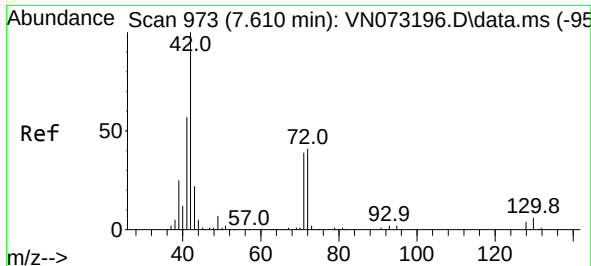
Tgt Ion: 96 Resp: 172416
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 280.6
 98 64.3 0.0 128.4



#28
 Bromochloromethane
 Concen: 52.284 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.001 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

Tgt Ion: 49 Resp: 124699
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 69.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 281.765 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

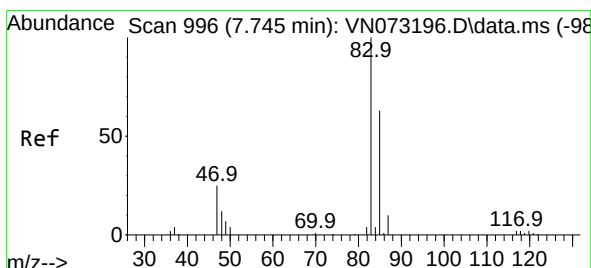
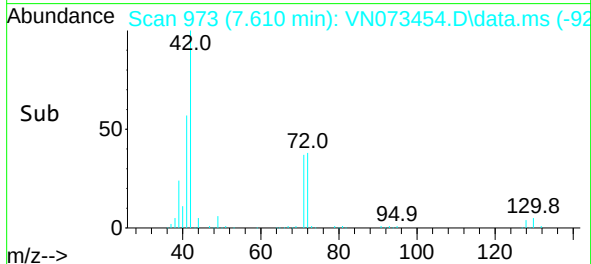
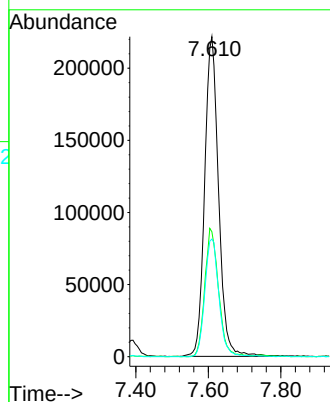
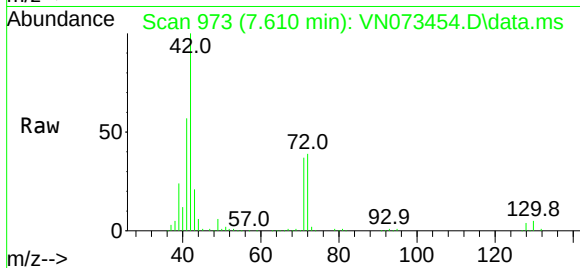
Tgt Ion: 42 Resp: 591906

Ion Ratio Lower Upper

42 100

72 39.8 39.7 59.5

71 37.2 36.6 55.0



#30

Chloroform

Concen: 51.040 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073454.D

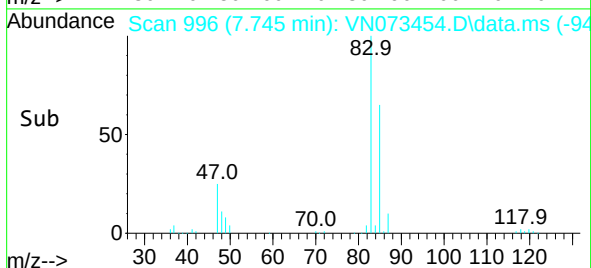
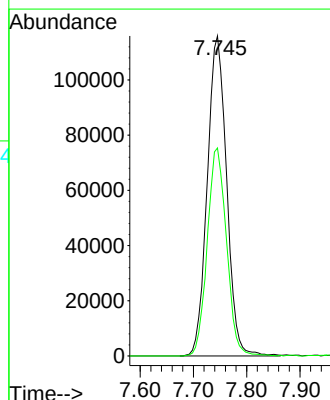
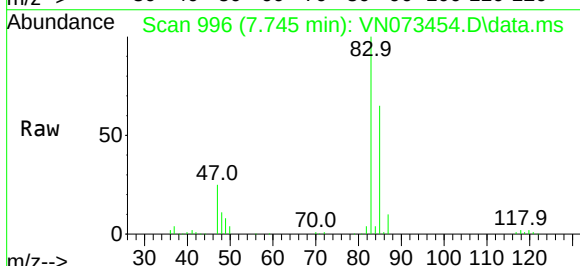
Acq: 13 Jul 2022 17:38

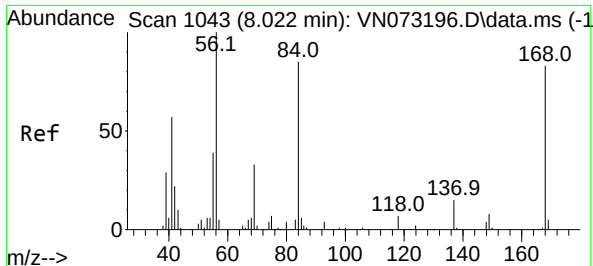
Tgt Ion: 83 Resp: 292755

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8





#31

Cyclohexane

Concen: 43.690 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

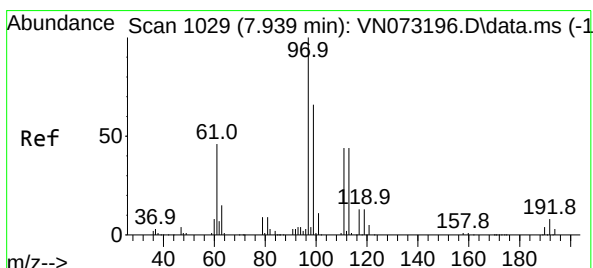
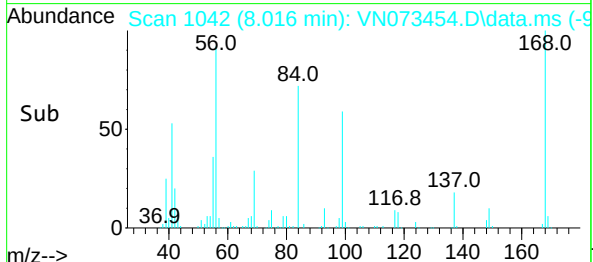
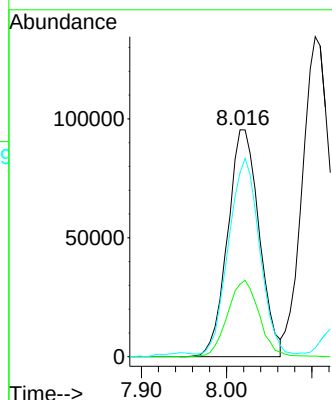
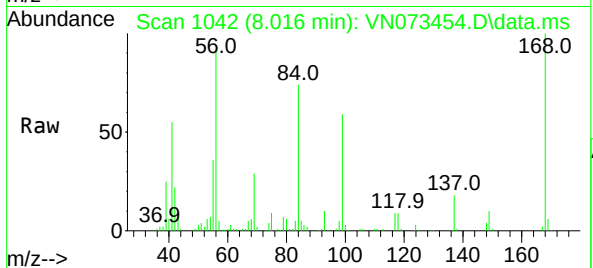
Tgt Ion: 56 Resp: 245643

Ion Ratio Lower Upper

56 100

69 32.0 27.8 41.8

84 79.4 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 48.678 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

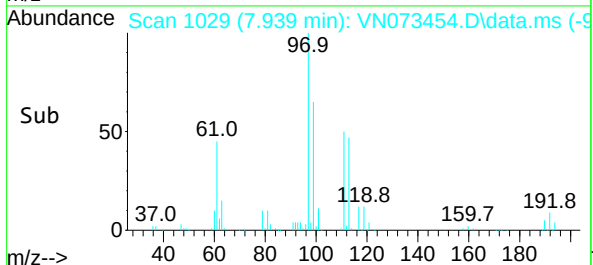
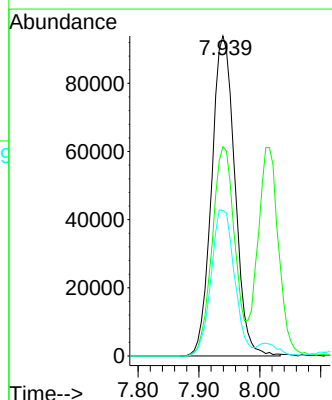
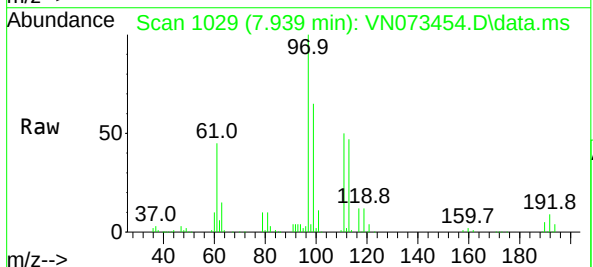
Tgt Ion: 97 Resp: 248819

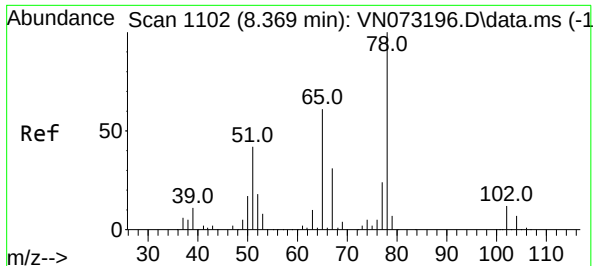
Ion Ratio Lower Upper

97 100

99 63.0 50.6 76.0

61 46.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.316 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

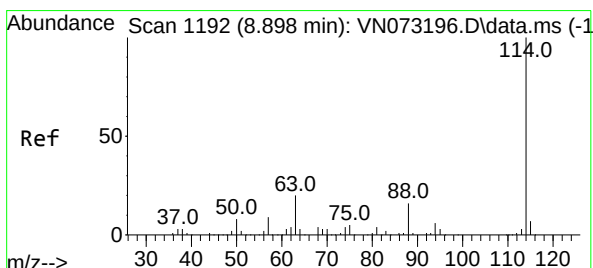
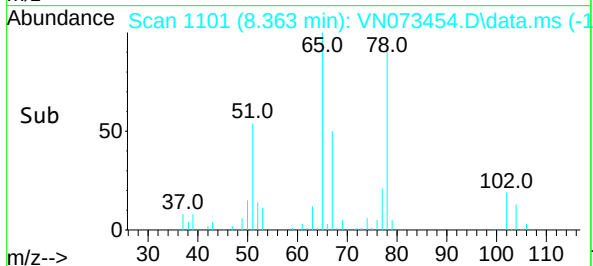
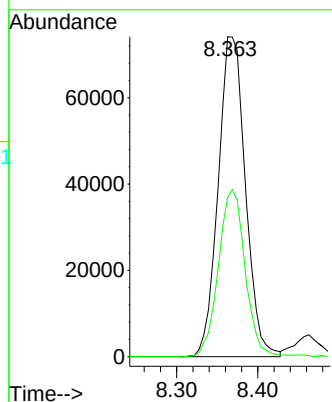
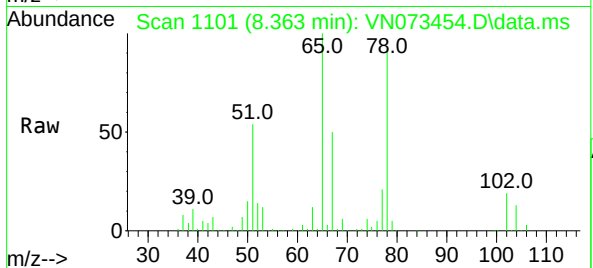
VSTDCCC050EC

Tgt Ion: 65 Resp: 172735

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

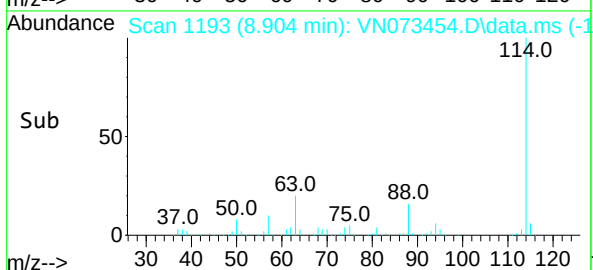
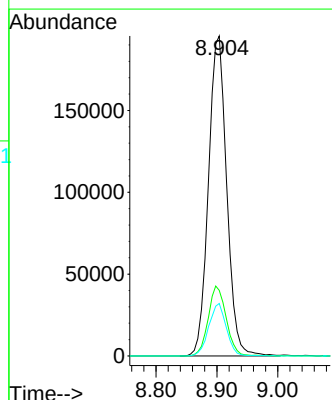
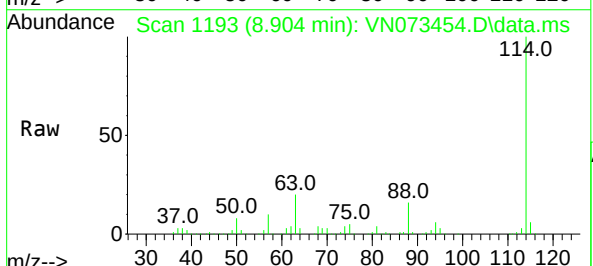
Tgt Ion: 114 Resp: 407540

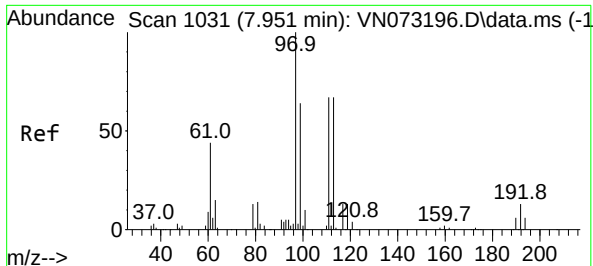
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.406 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

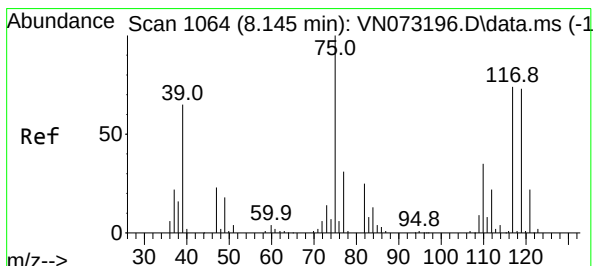
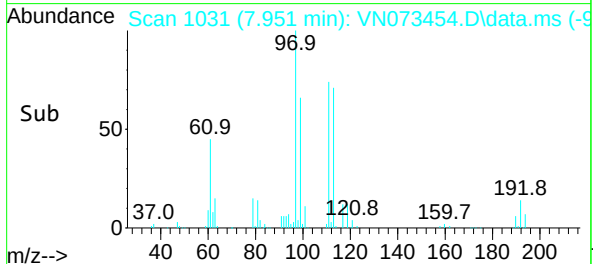
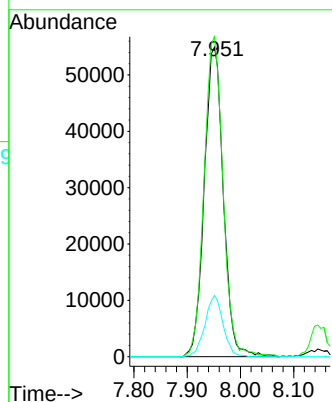
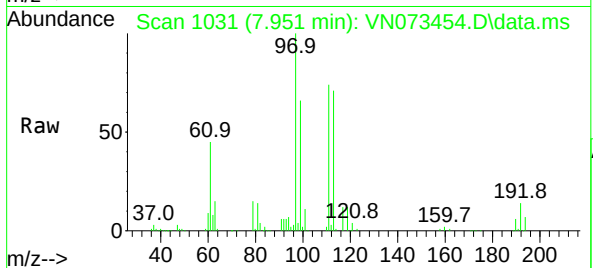
Tgt Ion:113 Resp: 136671

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 48.788 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

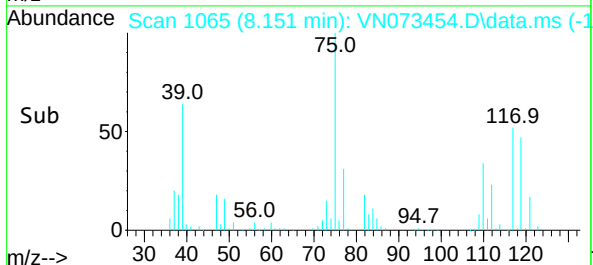
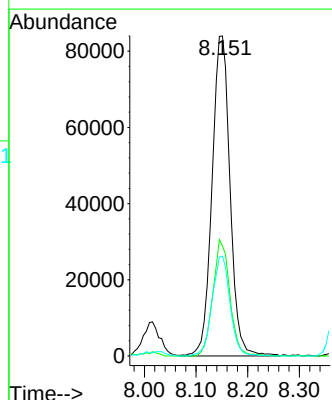
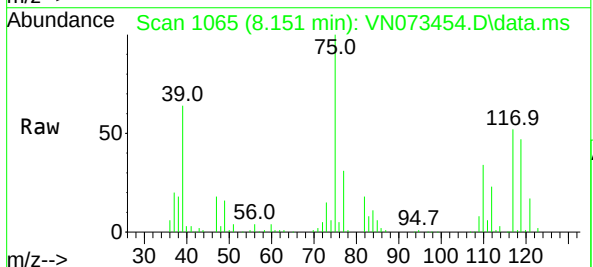
Tgt Ion: 75 Resp: 203545

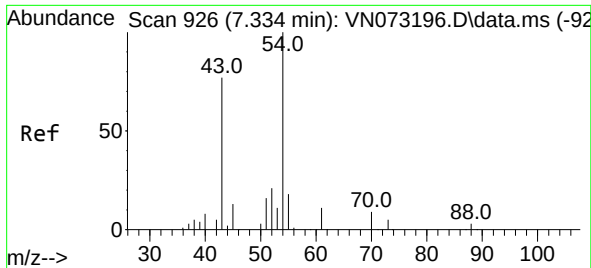
Ion Ratio Lower Upper

75 100

110 34.3 18.3 54.8

77 31.0 25.1 37.7

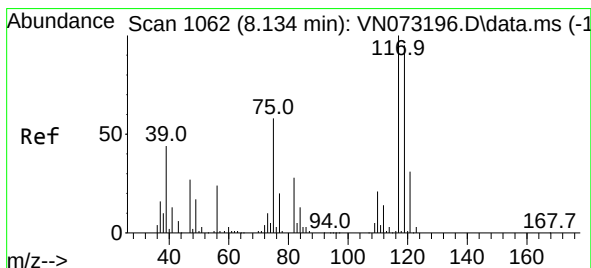
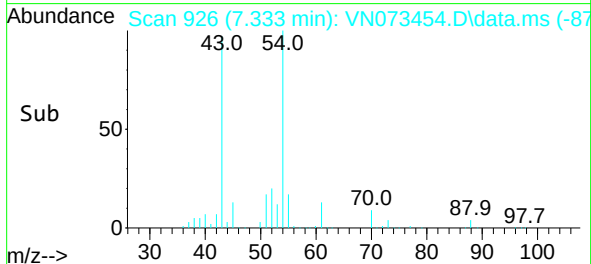
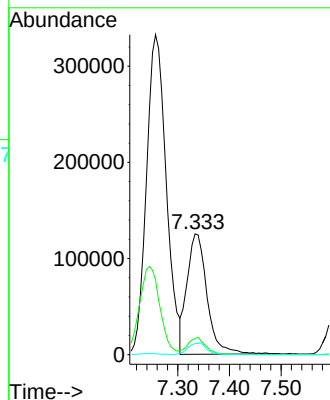
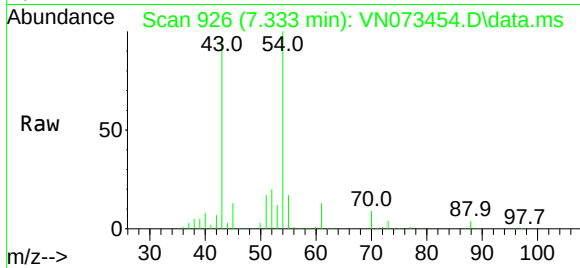




#37
Ethyl Acetate
Concen: 53.407 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

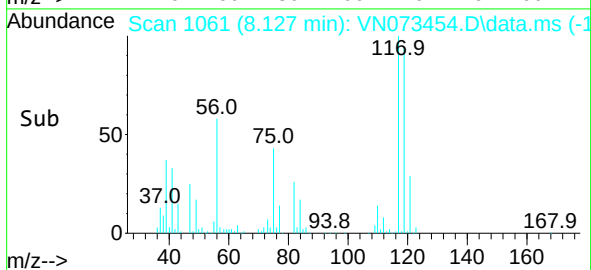
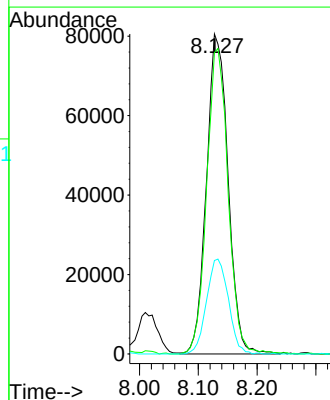
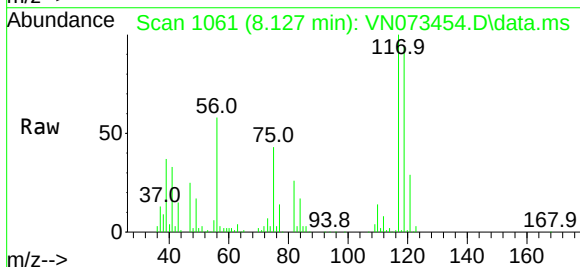
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

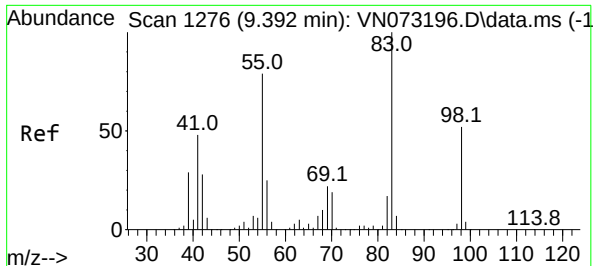
Tgt Ion: 43 Resp: 336674
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 9.1 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 47.823 ug/l
RT: 8.127 min Scan# 1061
Delta R.T. -0.007 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 117 Resp: 206329
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
121 29.2 24.6 37.0





#39

Methylcyclohexane

Concen: 46.996 ug/l

RT: 9.392 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

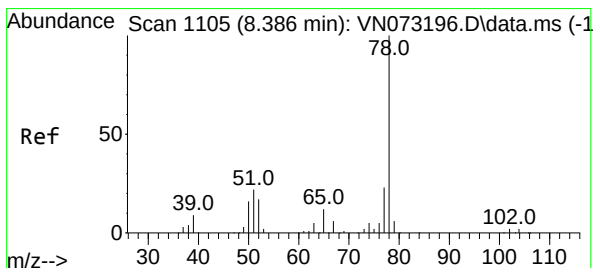
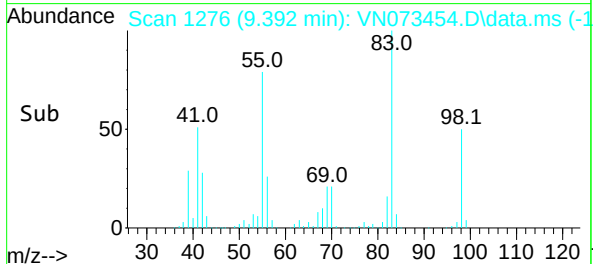
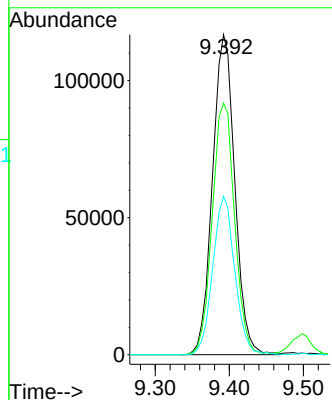
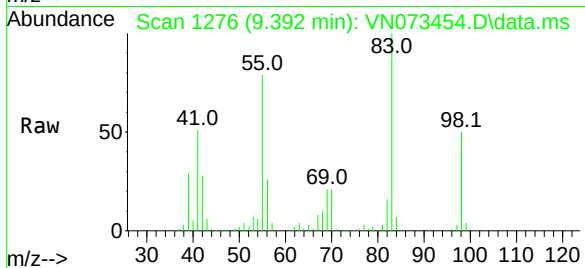
Tgt Ion: 83 Resp: 244107

Ion Ratio Lower Upper

83 100

55 78.7 57.8 86.8

98 49.5 39.4 59.2



#40

Benzene

Concen: 48.741 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN073454.D

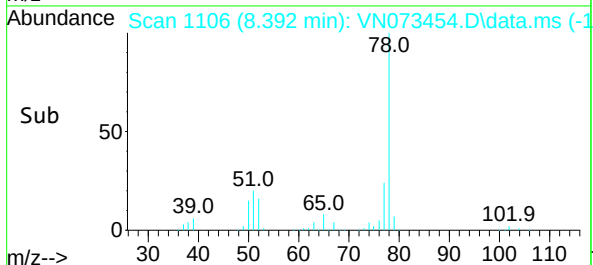
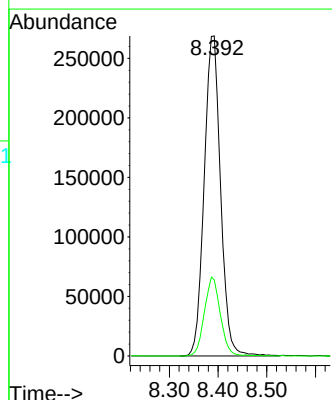
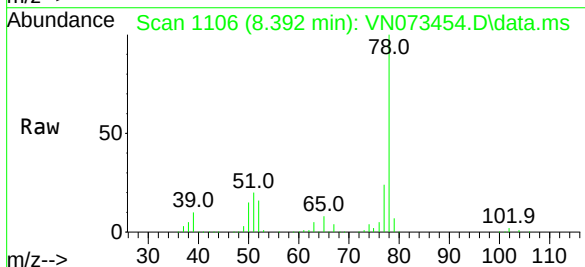
Acq: 13 Jul 2022 17:38

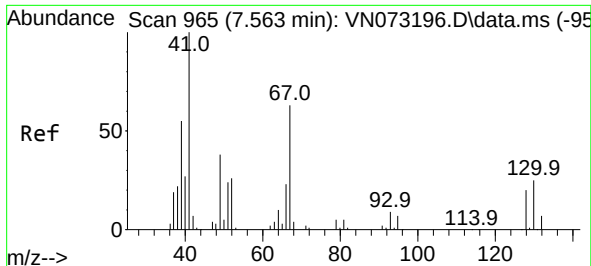
Tgt Ion: 78 Resp: 627572

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

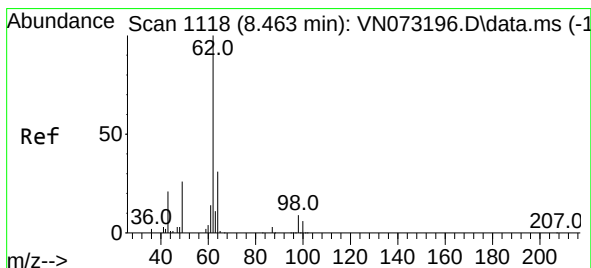
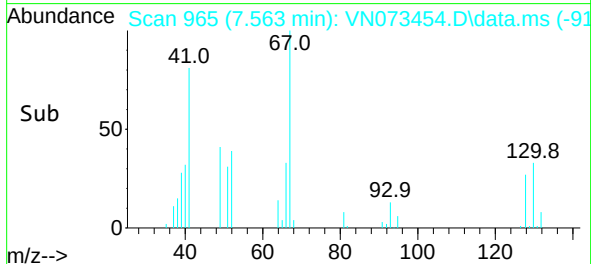
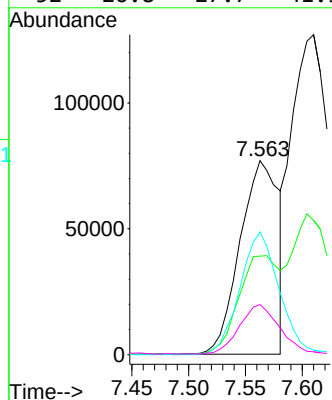
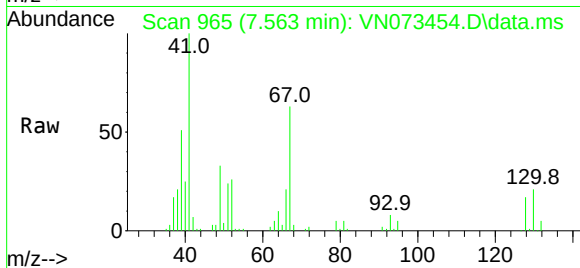




#41
Methacrylonitrile
Concen: 59.269 ug/l
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

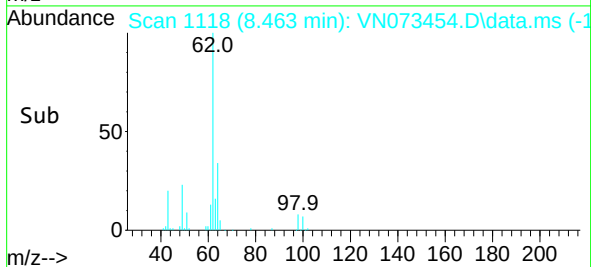
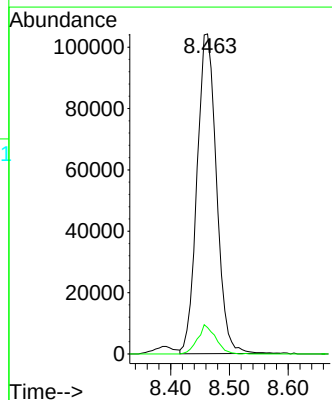
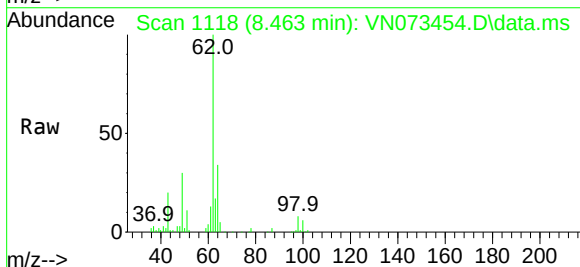
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

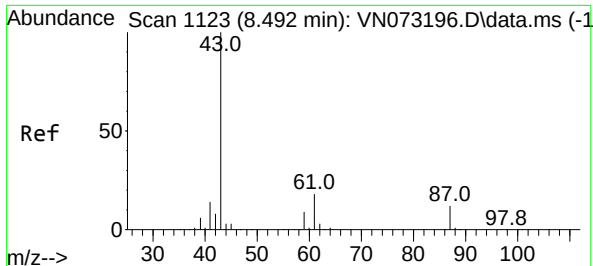
Tgt Ion: 41 Resp: 181200
Ion Ratio Lower Upper
41 100
39 53.1 48.6 73.0
67 65.3 73.4 110.2#
52 26.8 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 51.365 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 62 Resp: 239738
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.4

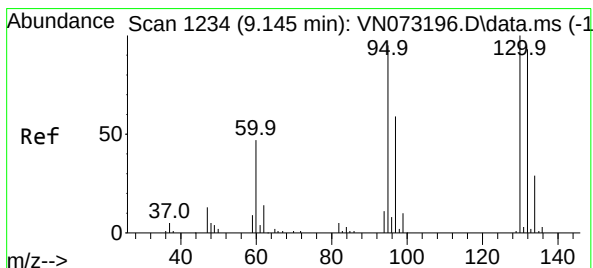
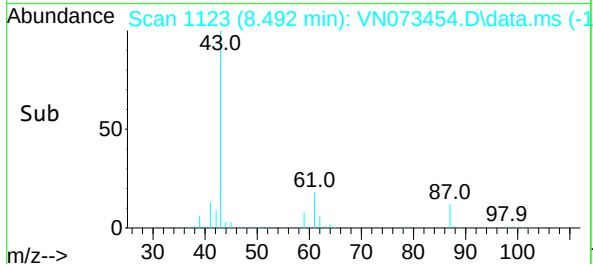
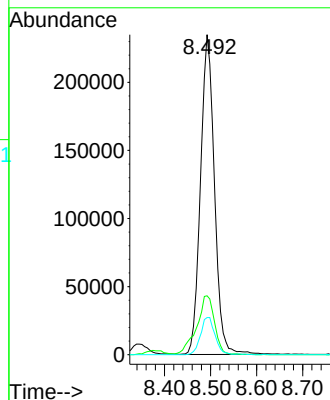
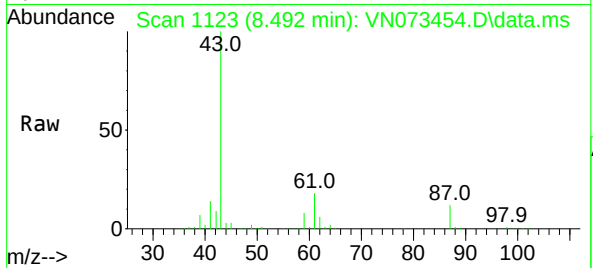




#43
Isopropyl Acetate
Concen: 54.806 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

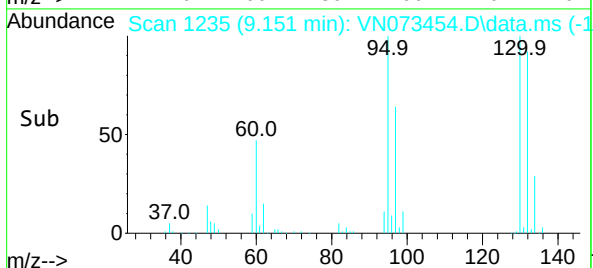
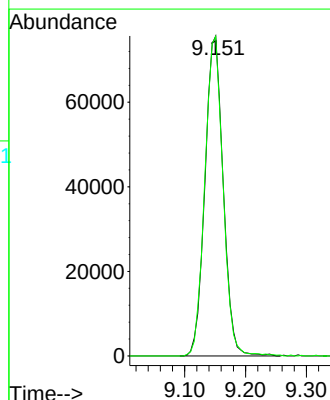
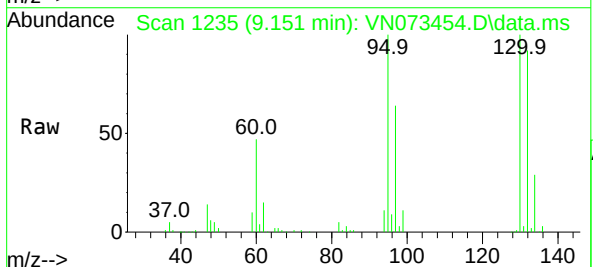
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

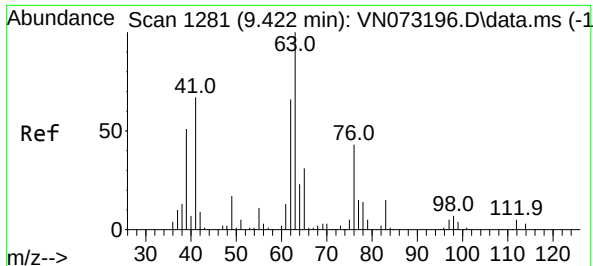
Tgt Ion: 43 Resp: 496531
Ion Ratio Lower Upper
43 100
61 23.4 21.9 32.9
87 12.0 12.0 18.0



#44
Trichloroethene
Concen: 47.924 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 130 Resp: 157028
Ion Ratio Lower Upper
130 100
95 99.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.015 ug/l

RT: 9.427 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

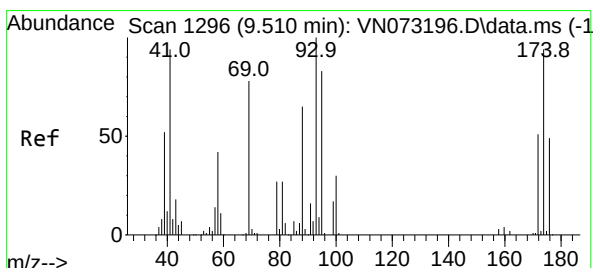
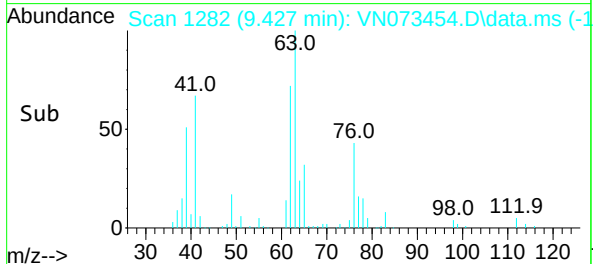
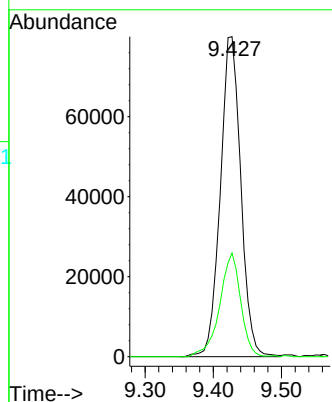
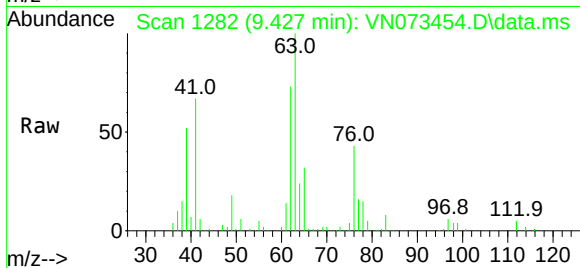
VSTDCCC050EC

Tgt Ion: 63 Resp: 167420

Ion Ratio Lower Upper

63 100

65 32.4 24.9 37.3



#46

Dibromomethane

Concen: 50.704 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

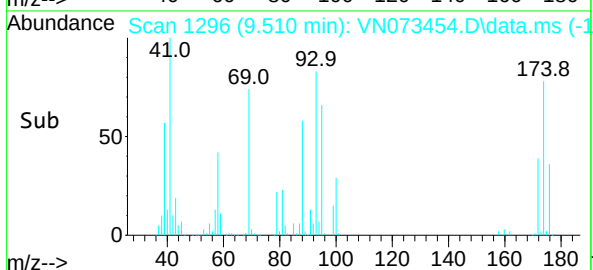
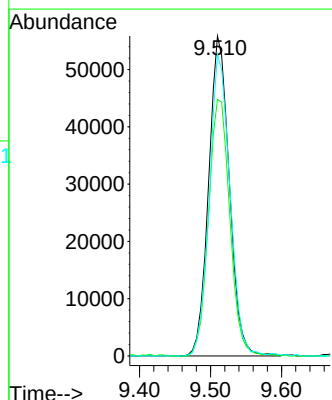
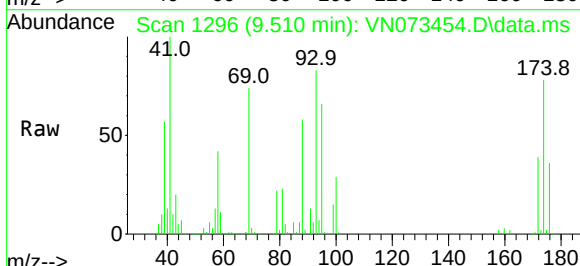
Tgt Ion: 93 Resp: 112983

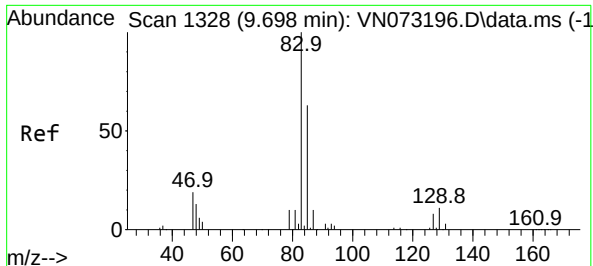
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

174 93.8 86.6 130.0

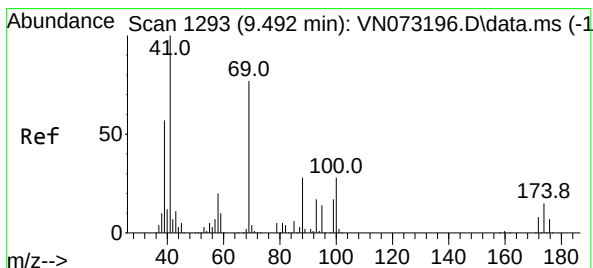
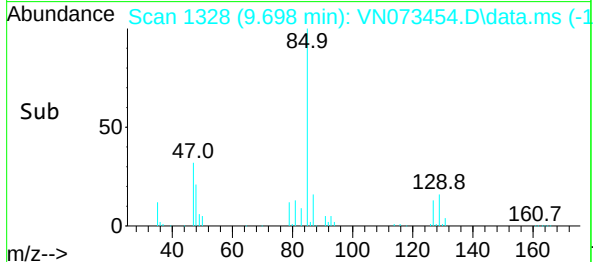
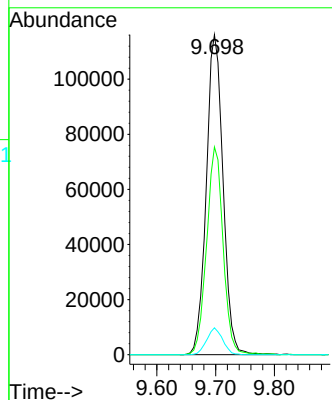
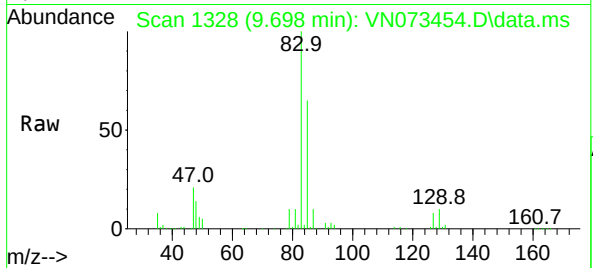




#47
Bromodichloromethane
Concen: 53.327 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

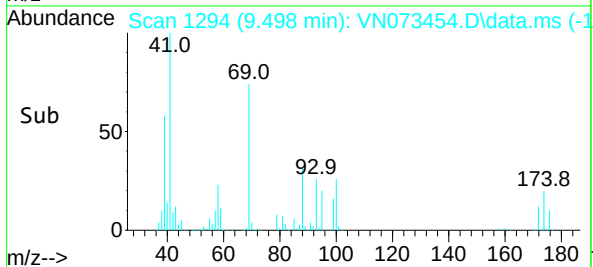
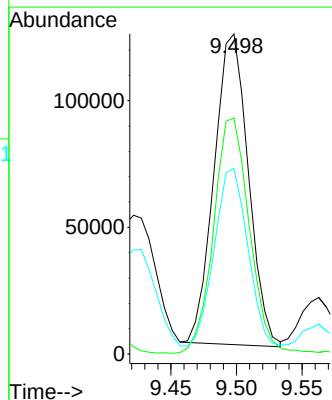
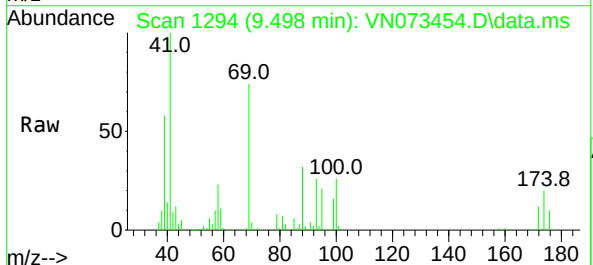
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

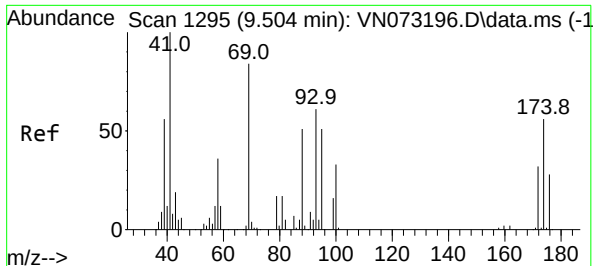
Tgt Ion: 83 Resp: 230147
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 53.039 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 41 Resp: 222489
Ion Ratio Lower Upper
41 100
69 80.2 74.7 112.1
39 61.5 45.6 68.4





#49

1,4-Dioxane

Concen: 1128.476 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

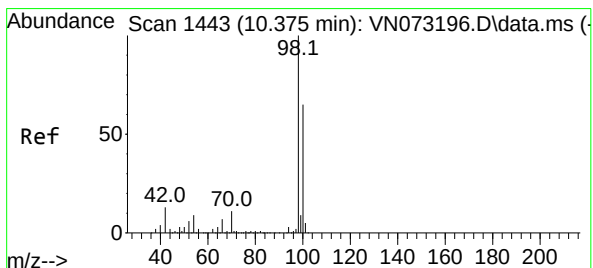
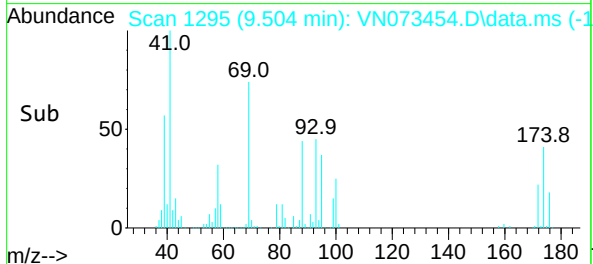
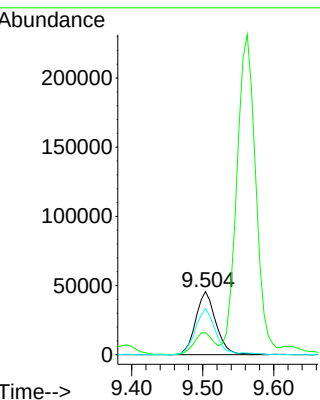
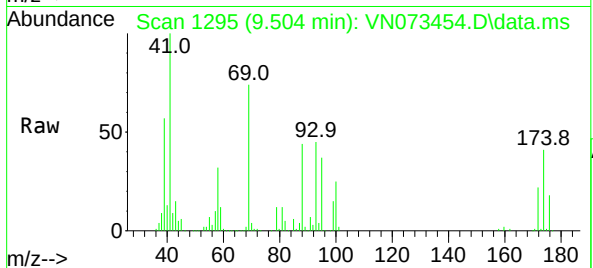
Tgt Ion: 88 Resp: 89864

Ion Ratio Lower Upper

88 100

43 34.0 20.2 30.4#

58 72.2 54.2 81.4



#50

Toluene-d8

Concen: 48.490 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073454.D

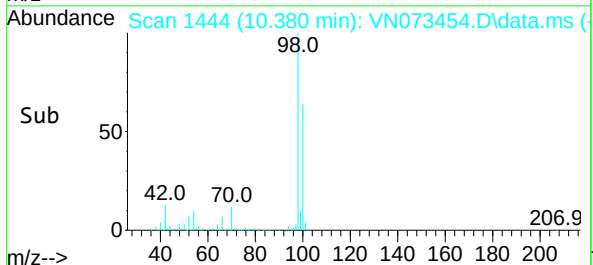
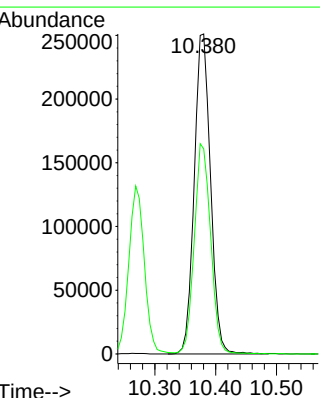
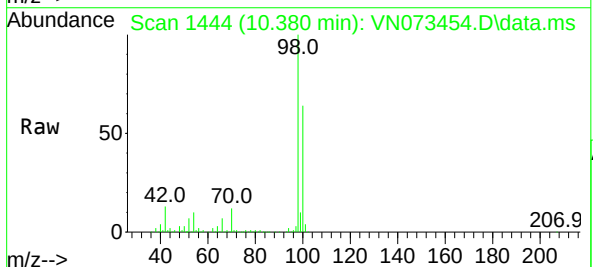
Acq: 13 Jul 2022 17:38

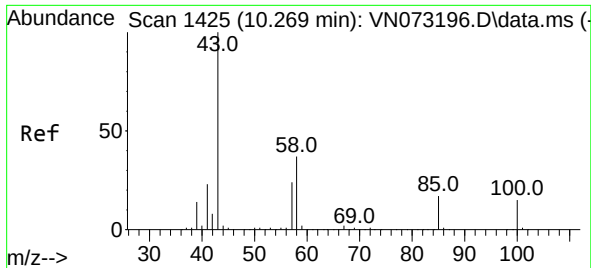
Tgt Ion: 98 Resp: 466961

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

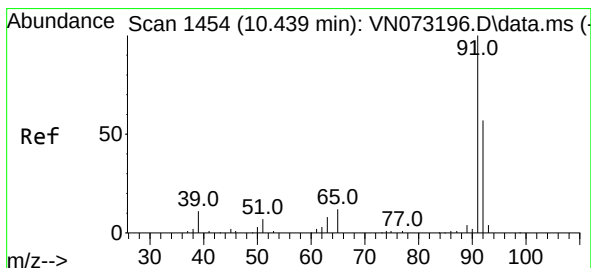
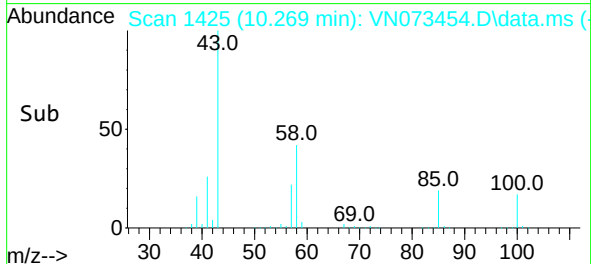
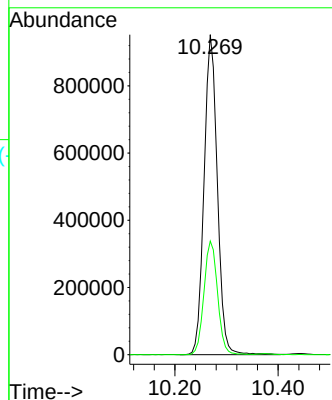
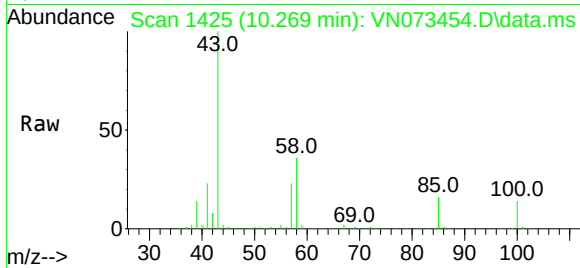




#51
4-Methyl-2-Pentanone
Concen: 295.261 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

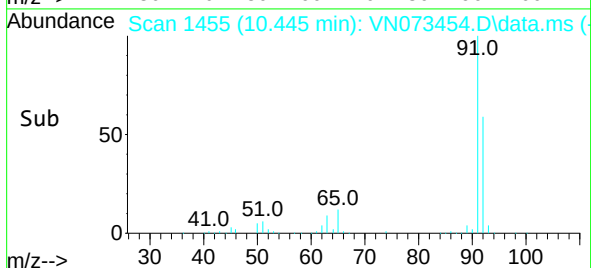
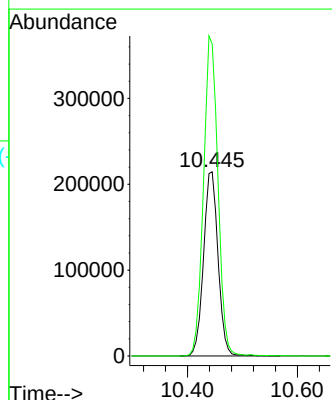
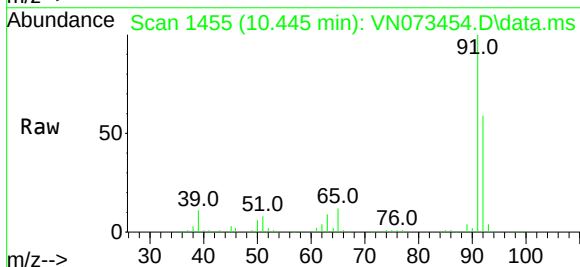
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

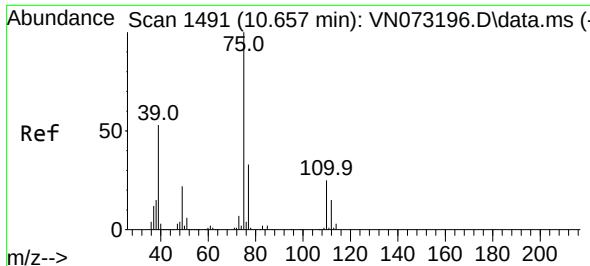
Tgt Ion: 43 Resp: 1696365
Ion Ratio Lower Upper
43 100
58 36.4 34.1 51.1



#52
Toluene
Concen: 49.274 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 92 Resp: 392078
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8

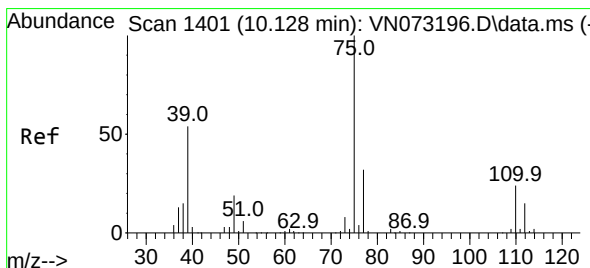
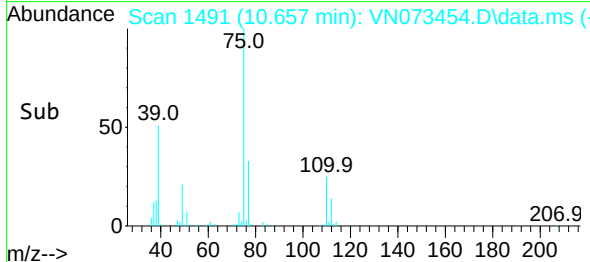
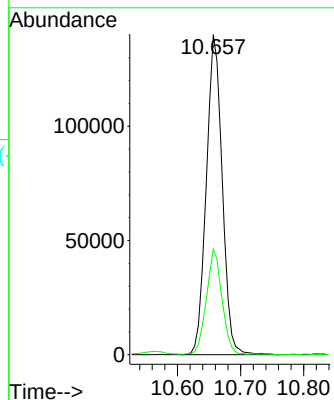
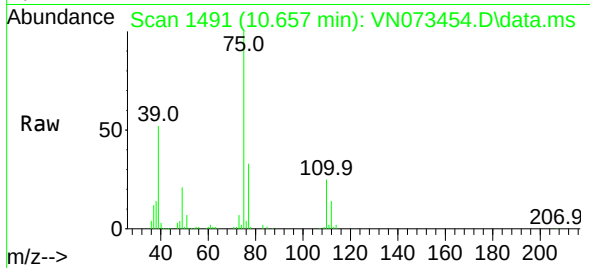




#53
 t-1,3-Dichloropropene
 Concen: 51.620 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

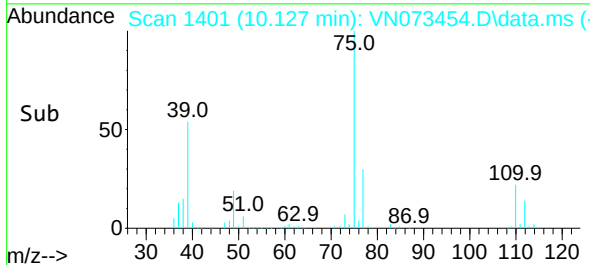
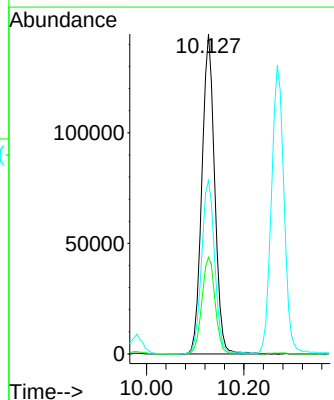
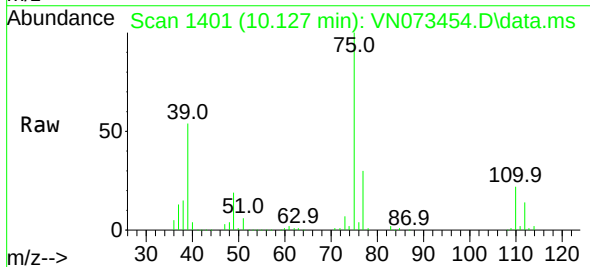
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

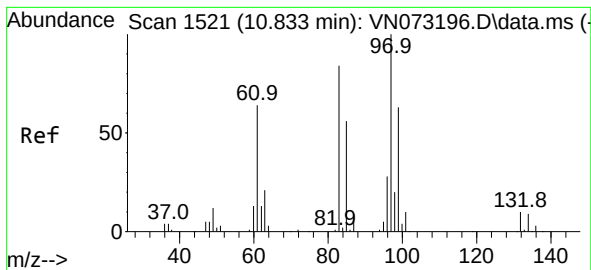
Tgt Ion: 75 Resp: 245246
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.580 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.001 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

Tgt Ion: 75 Resp: 264565
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.2 37.8
 39 54.2 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 50.493 ug/l

RT: 10.839 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 165407

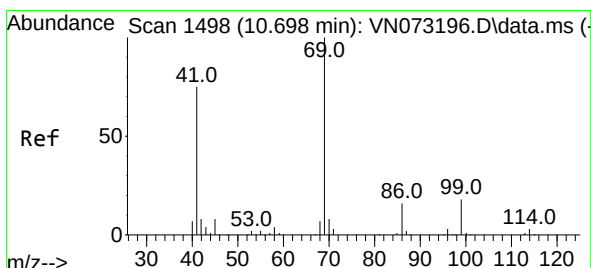
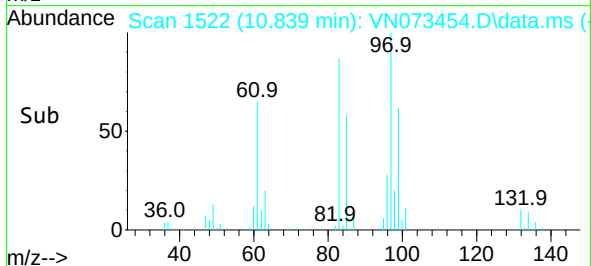
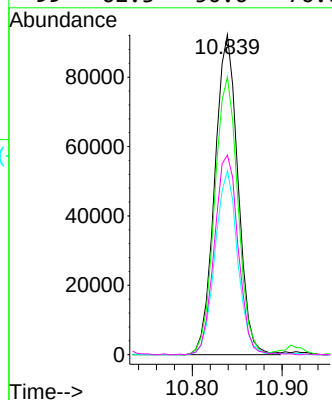
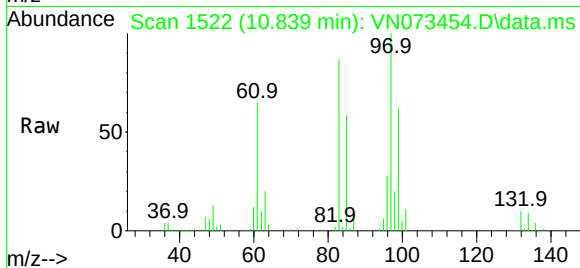
Ion Ratio Lower Upper

97 100

83 86.8 66.2 99.4

85 57.5 43.9 65.9

99 62.3 50.6 76.0



#56

Ethyl methacrylate

Concen: 53.889 ug/l

RT: 10.704 min Scan# 1499

Delta R.T. 0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

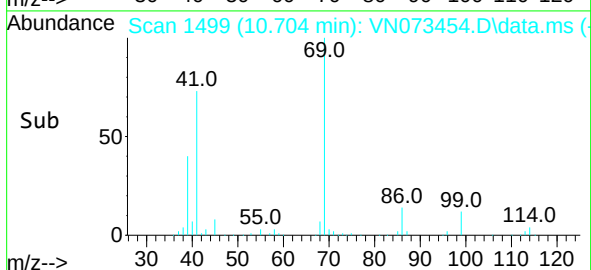
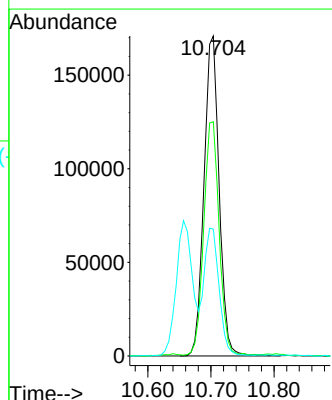
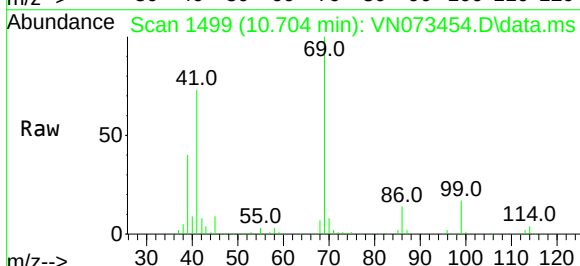
Tgt Ion: 69 Resp: 285330

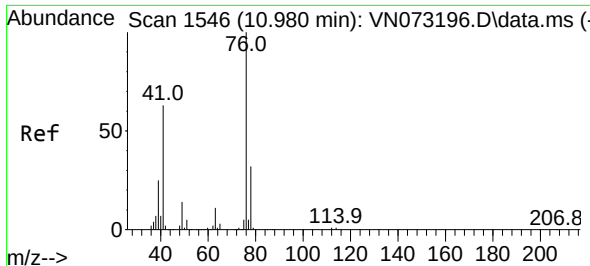
Ion Ratio Lower Upper

69 100

41 74.1 47.8 71.6#

39 39.3 27.3 40.9





#57

1,3-Dichloropropane

Concen: 51.259 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

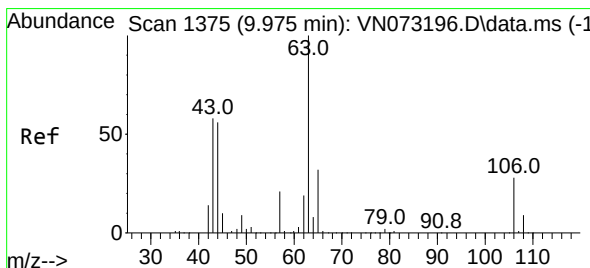
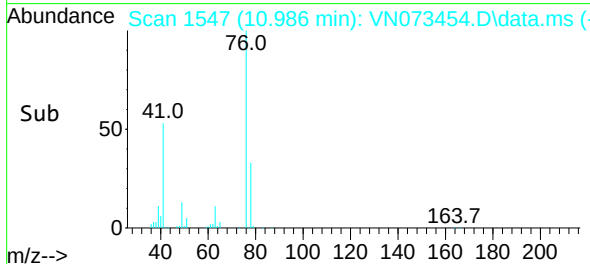
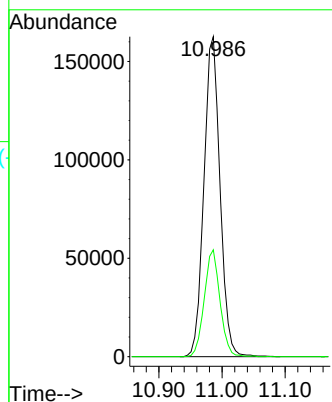
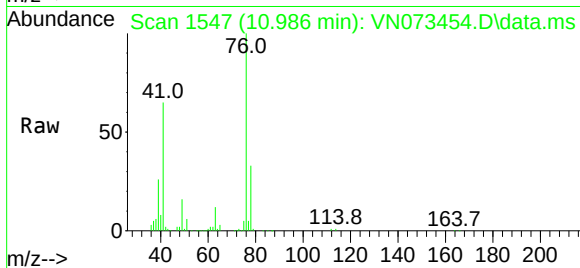
VSTDCCC050EC

Tgt Ion: 76 Resp: 287852

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 273.059 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073454.D

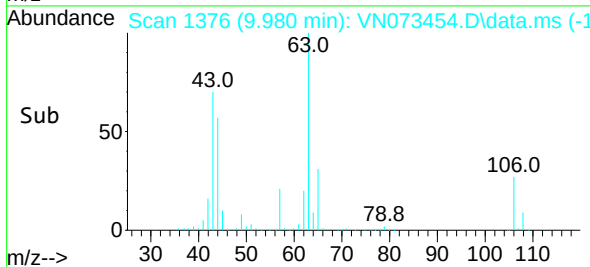
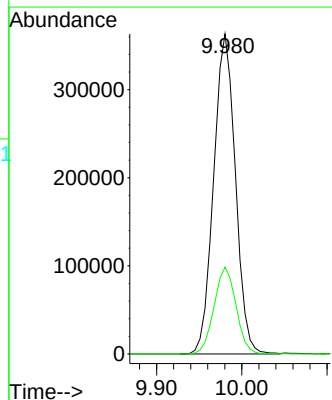
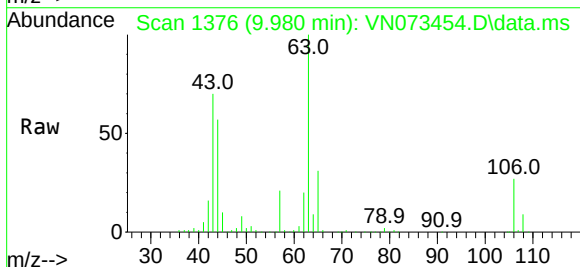
Acq: 13 Jul 2022 17:38

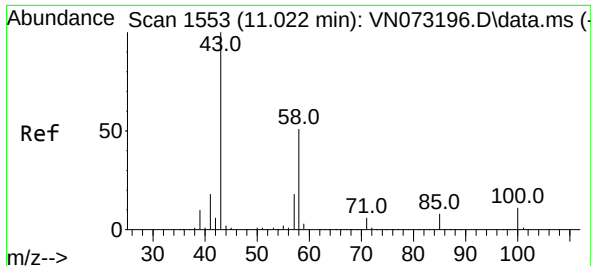
Tgt Ion: 63 Resp: 644794

Ion Ratio Lower Upper

63 100

106 27.4 24.6 36.8

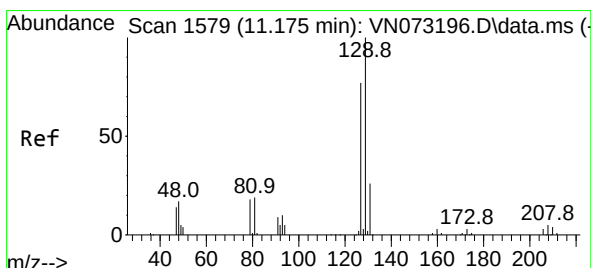
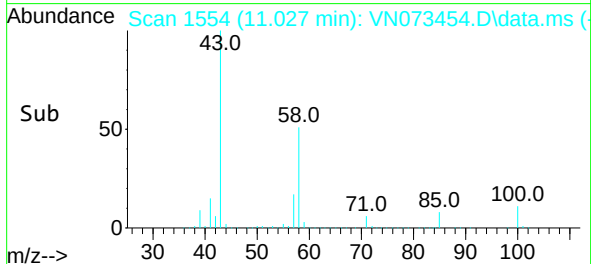
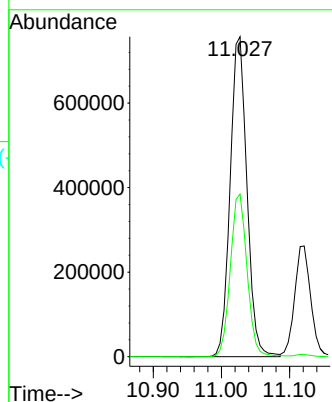
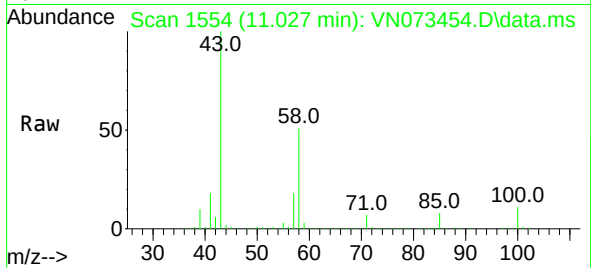




#59
2-Hexanone
Concen: 295.854 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

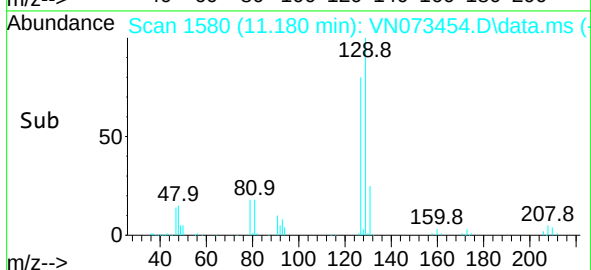
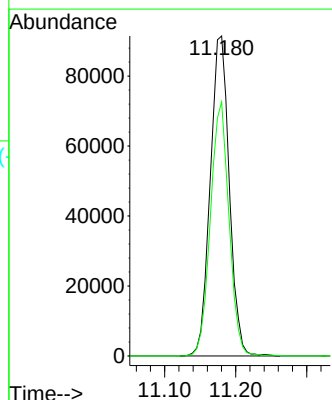
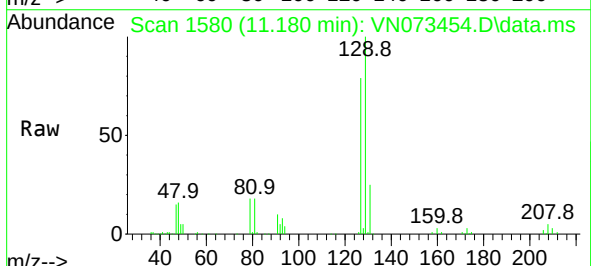
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

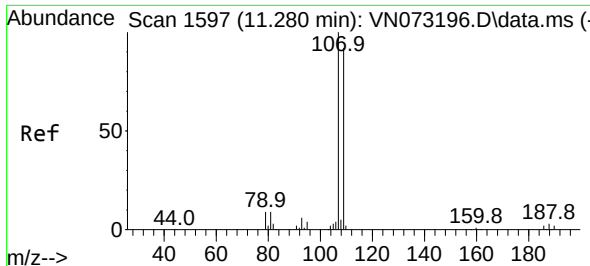
Tgt Ion: 43 Resp: 1295686
Ion Ratio Lower Upper
43 100
58 50.7 29.7 89.1



#60
Dibromochloromethane
Concen: 54.465 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion:129 Resp: 170108
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

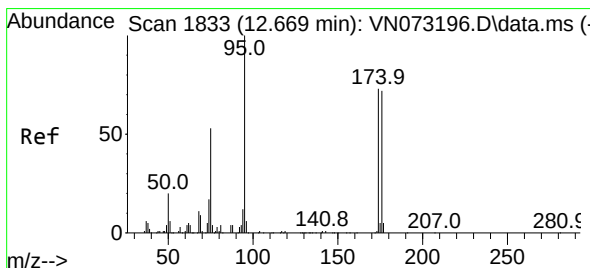
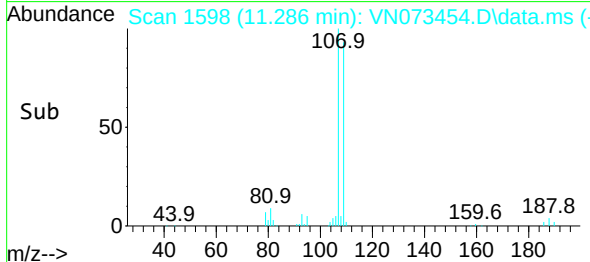
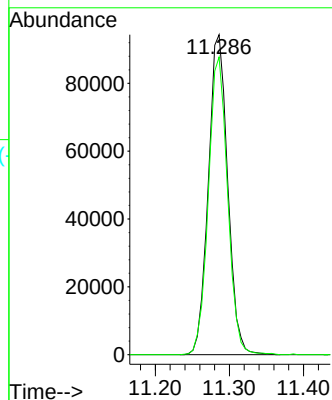
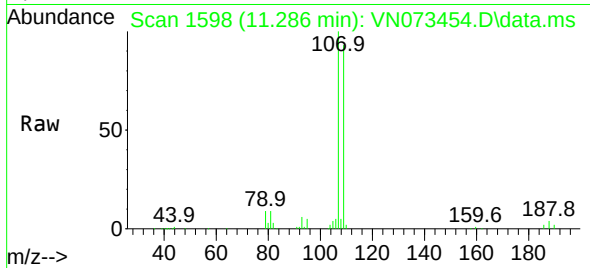




#61
1,2-Dibromoethane
Concen: 52.389 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

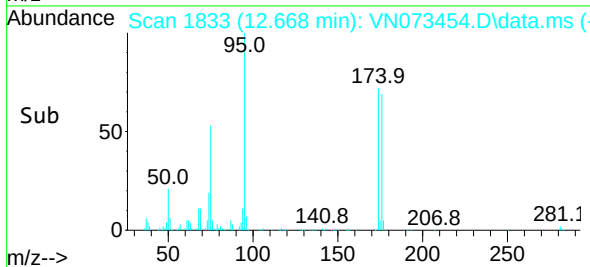
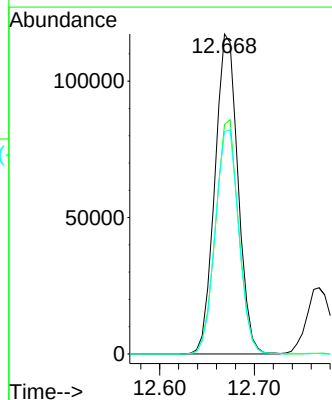
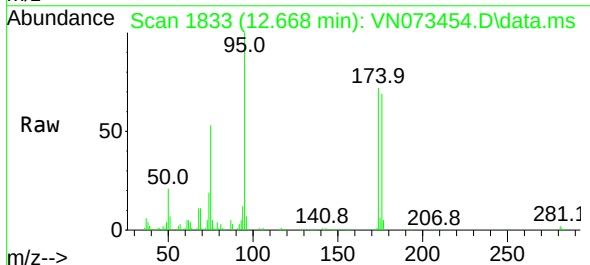
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

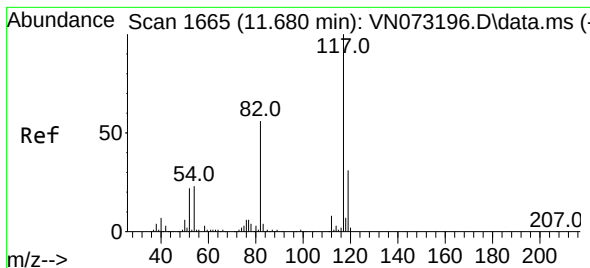
Tgt Ion:107 Resp: 171418
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 53.575 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 95 Resp: 198269
Ion Ratio Lower Upper
95 100
174 73.0 0.0 167.6
176 71.7 0.0 163.4

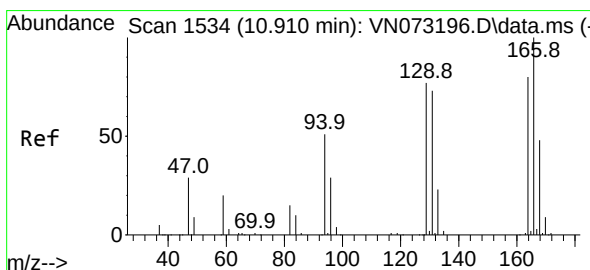
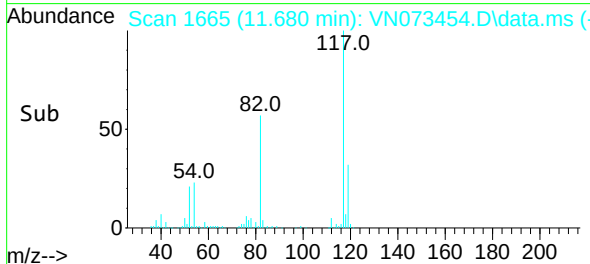
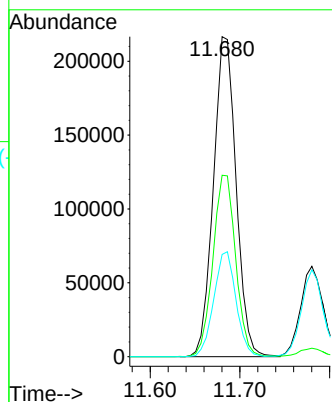
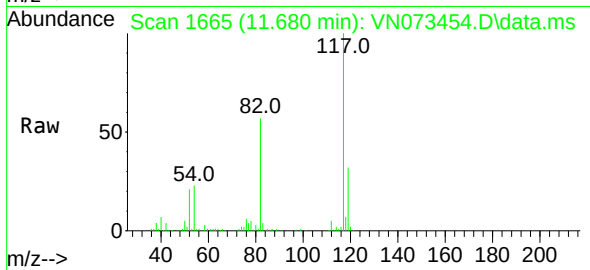




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

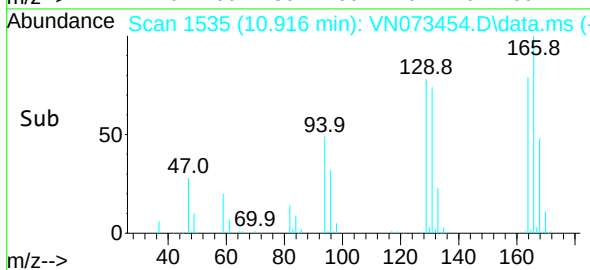
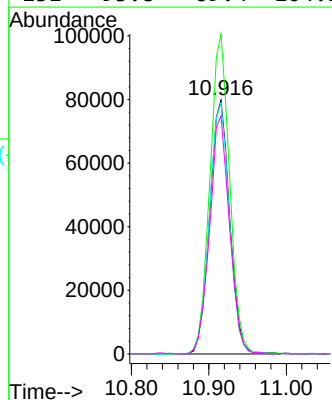
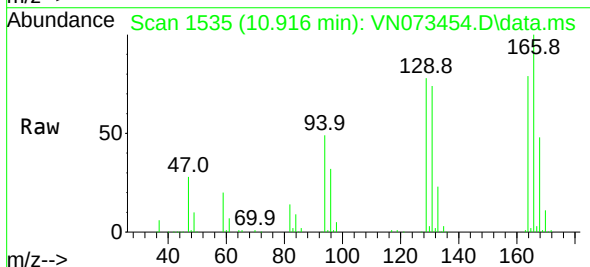
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

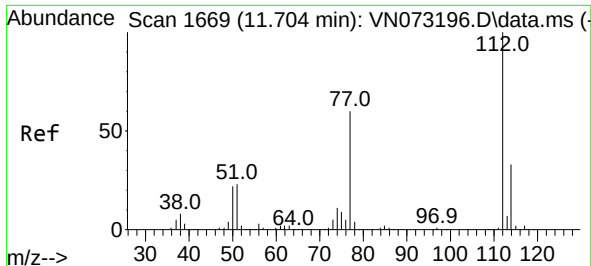
Tgt Ion:117 Resp: 380603
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 46.006 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion:164 Resp: 142981
Ion Ratio Lower Upper
164 100
166 126.1 104.2 156.2
129 98.9 73.9 110.9
131 93.8 69.4 104.2

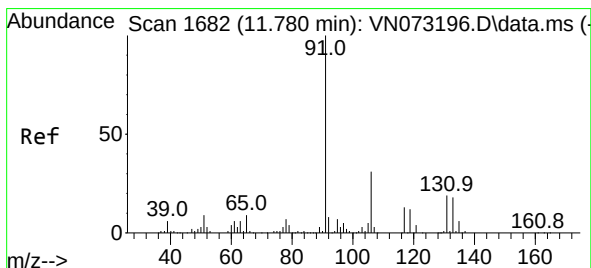
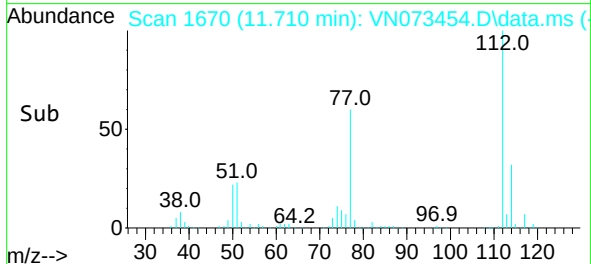
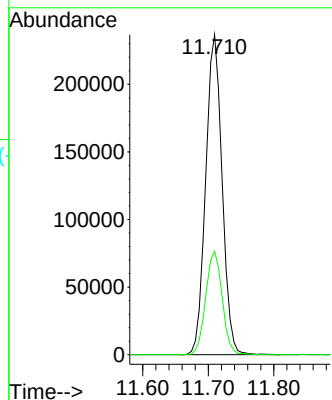
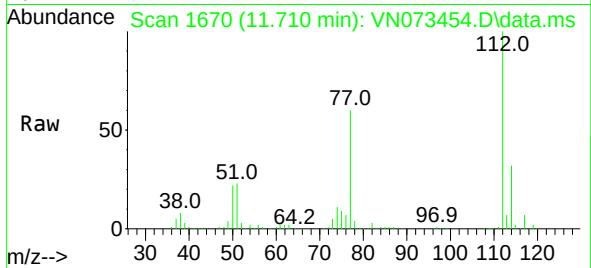




#65
Chlorobenzene
Concen: 47.895 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

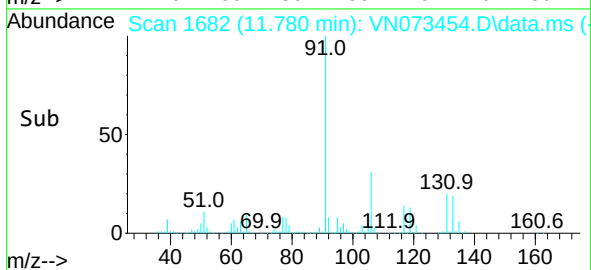
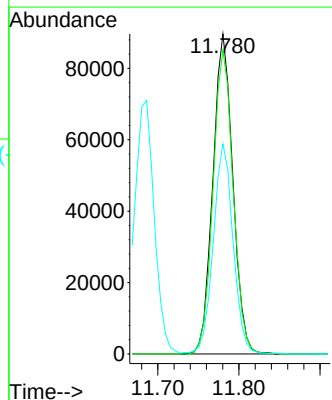
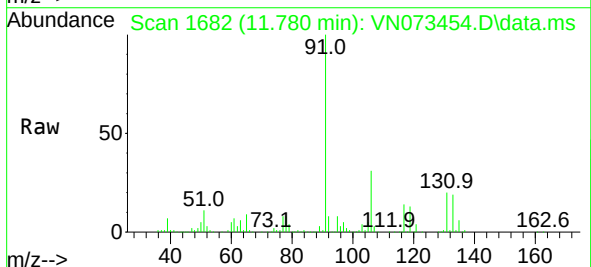
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

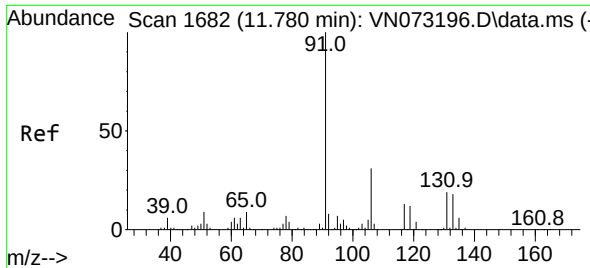
Tgt Ion:112 Resp: 412276
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.432 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion:131 Resp: 153343
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 65.0 33.4 100.2

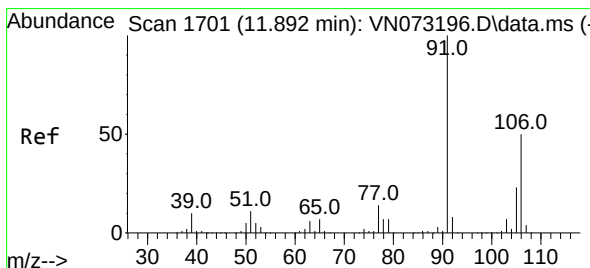
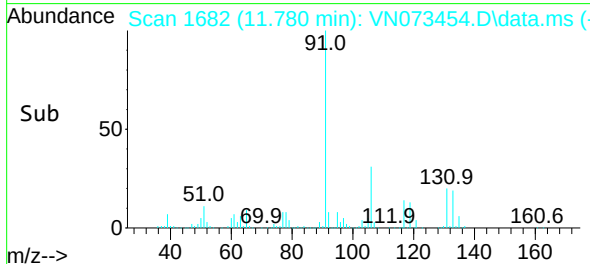
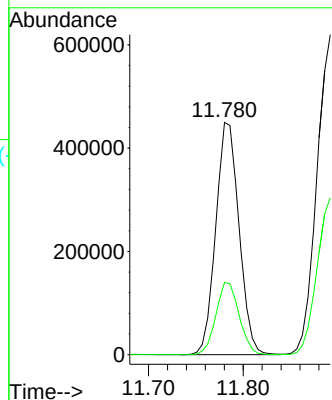
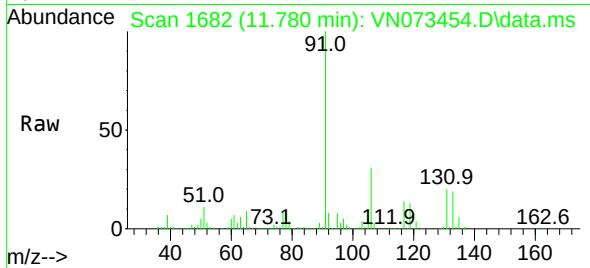




#67
Ethyl Benzene
Concen: 49.229 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

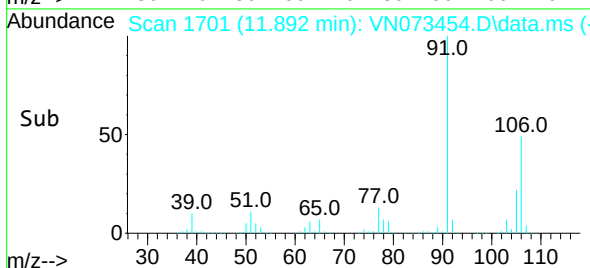
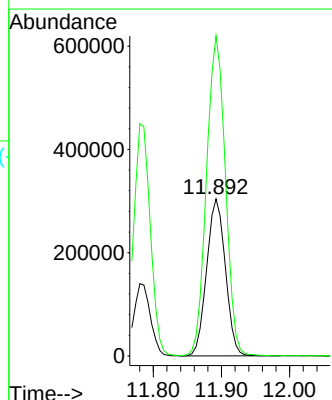
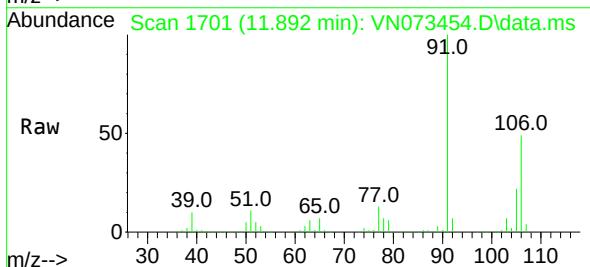
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

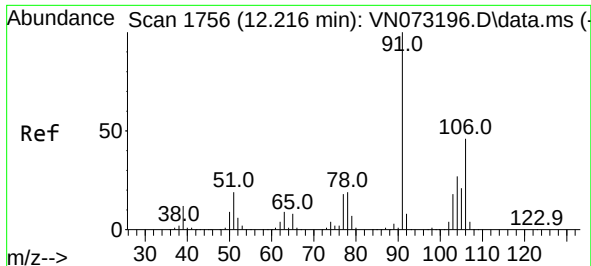
Tgt Ion: 91 Resp: 769321
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 98.447 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 106 Resp: 580614
Ion Ratio Lower Upper
106 100
91 205.9 158.9 238.3

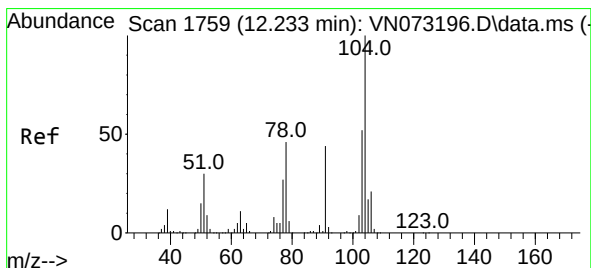
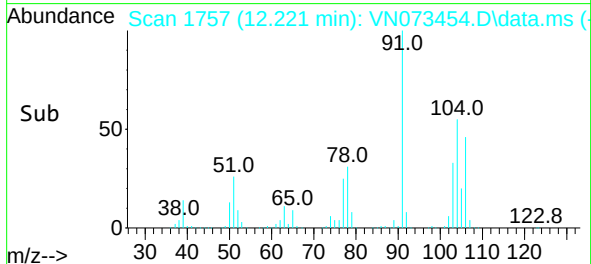
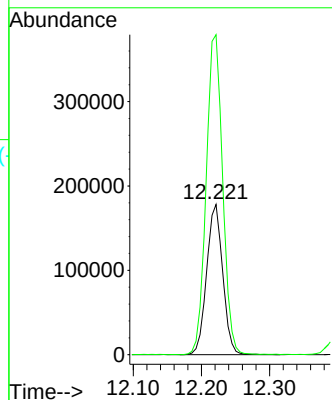
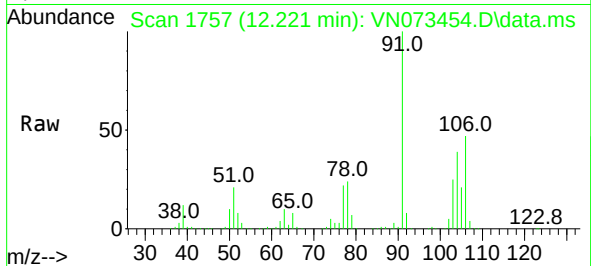




#69
o-Xylene
Concen: 48.521 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

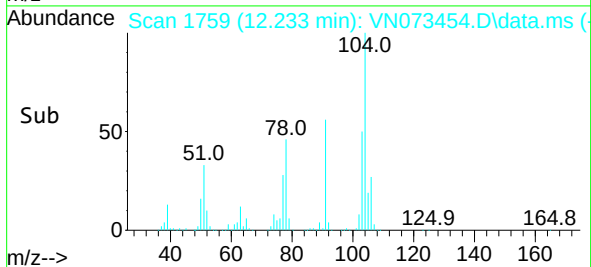
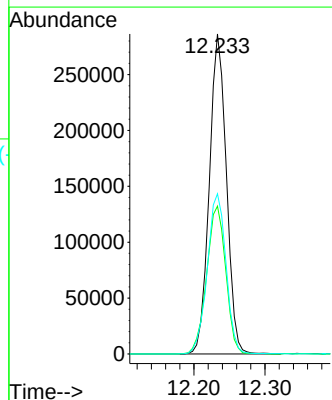
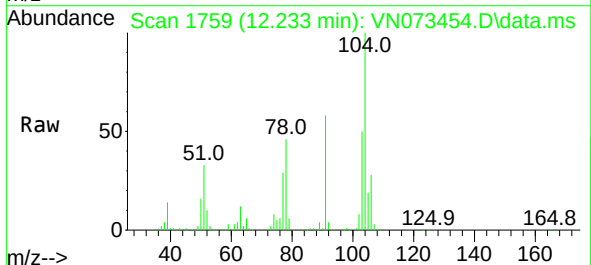
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

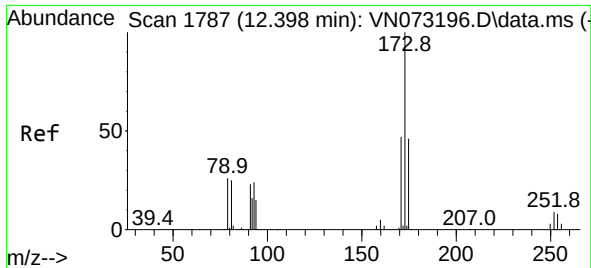
Tgt Ion:106 Resp: 292134
Ion Ratio Lower Upper
106 100
91 218.5 106.0 318.0



#70
Styrene
Concen: 51.524 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion:104 Resp: 478943
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 55.1 44.0 66.0

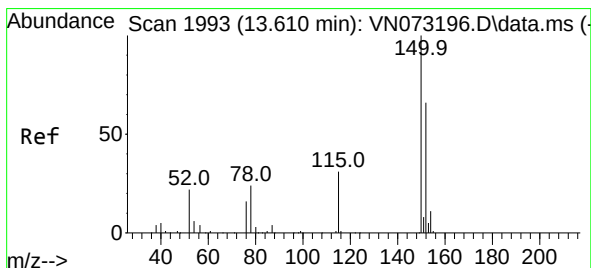
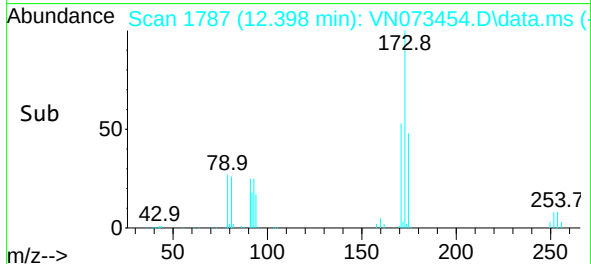
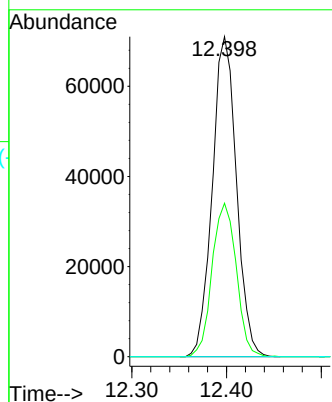
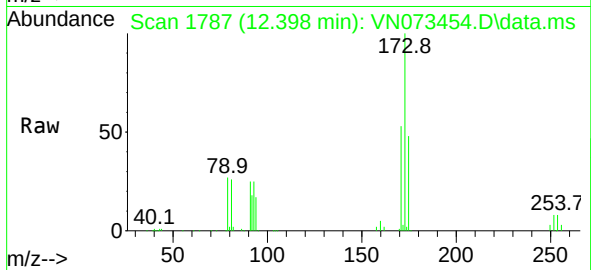




#71
Bromoform
Concen: 54.295 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

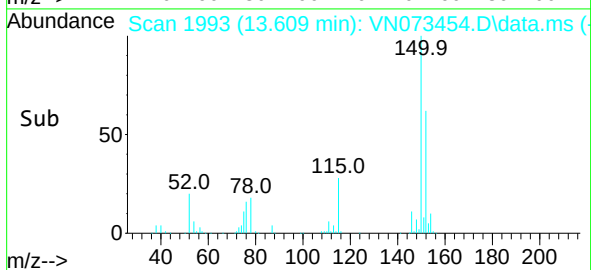
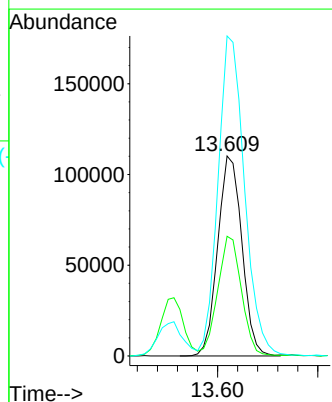
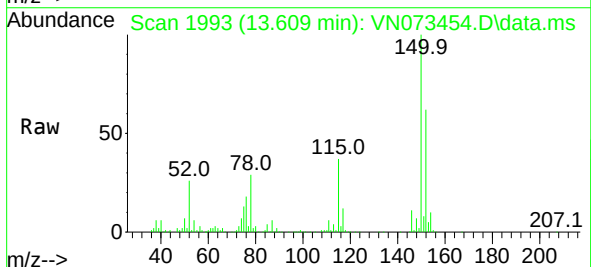
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

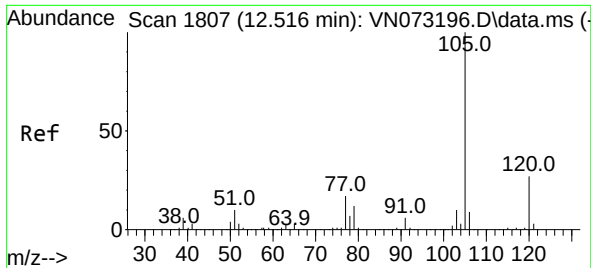
Tgt Ion:173 Resp: 125787
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion:152 Resp: 184526
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 174.9 0.0 356.2

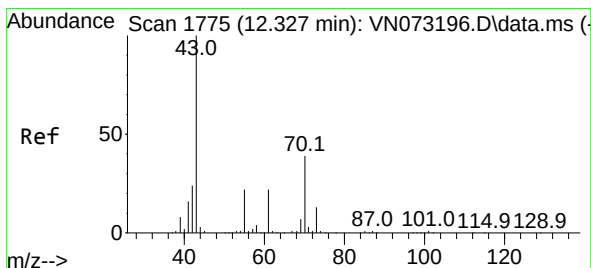
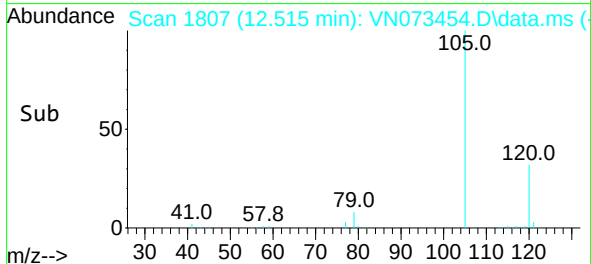
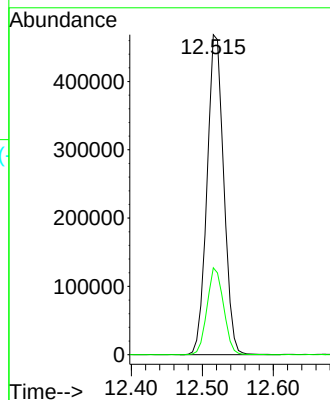
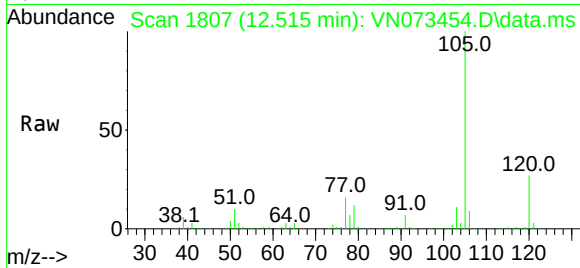




#73
Isopropylbenzene
Concen: 48.092 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

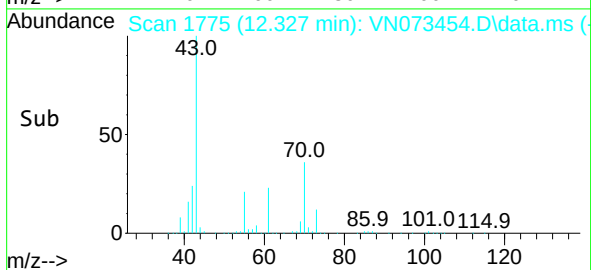
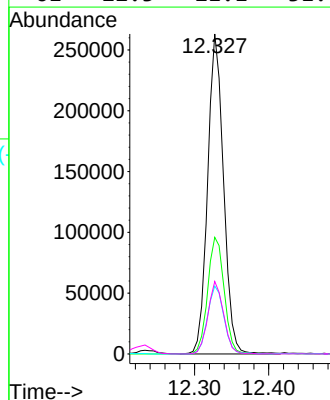
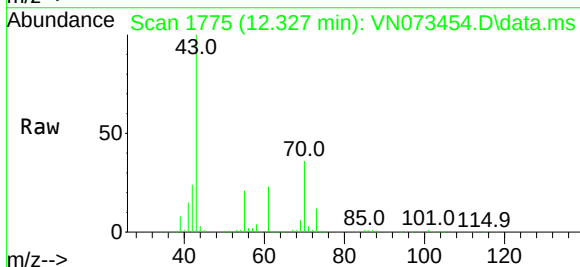
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

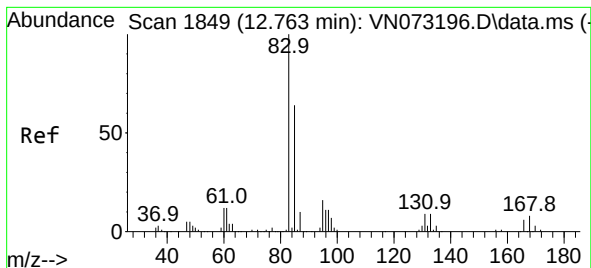
Tgt Ion:105 Resp: 766327
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 49.191 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 43 Resp: 392488
Ion Ratio Lower Upper
43 100
70 37.9 39.0 58.4#
55 21.9 21.1 31.7
61 22.3 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.273 ug/l

RT: 12.768 min Scan# 1849

Delta R.T. 0.005 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

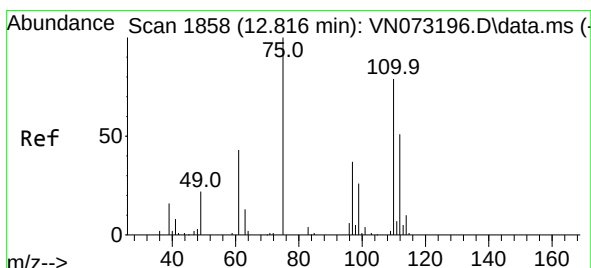
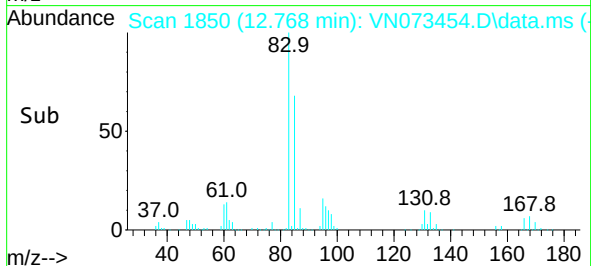
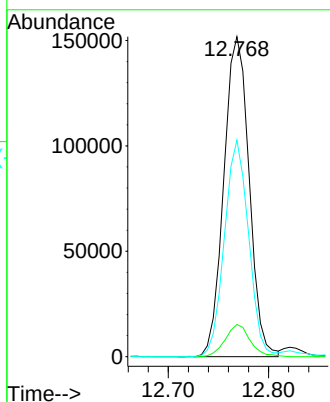
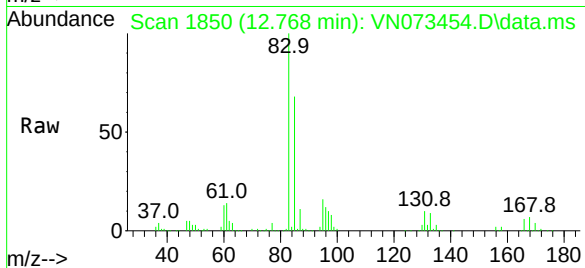
Tgt Ion: 83 Resp: 265827

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.9

85 64.7 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 73.327 ug/l

RT: 12.821 min Scan# 1859

Delta R.T. 0.005 min

Lab File: VN073454.D

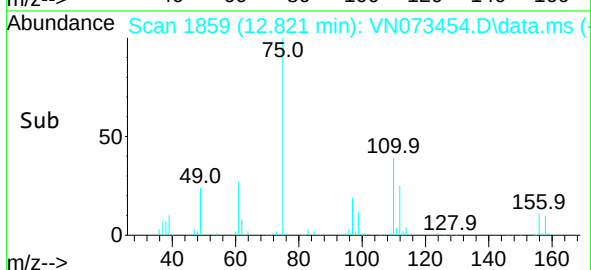
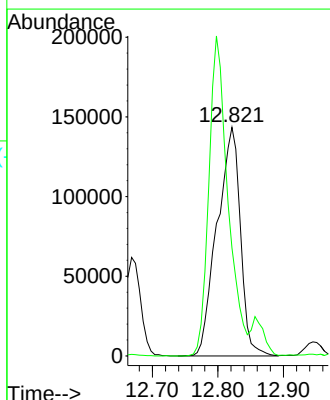
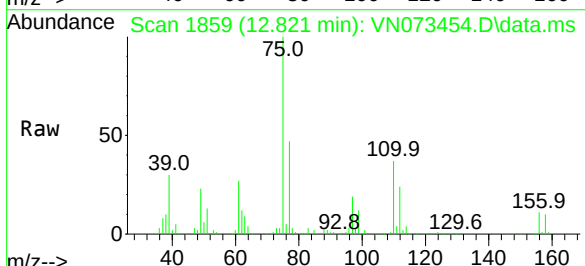
Acq: 13 Jul 2022 17:38

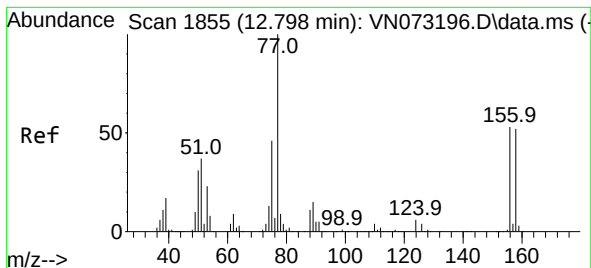
Tgt Ion: 75 Resp: 353801

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 46.610 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

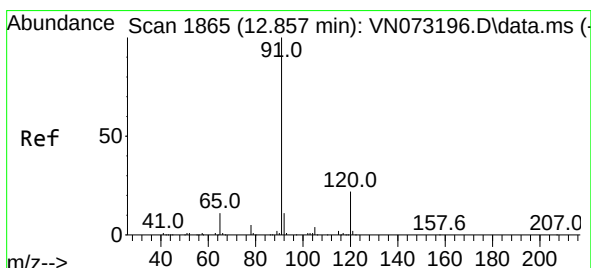
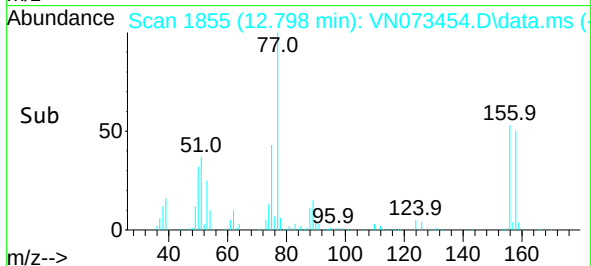
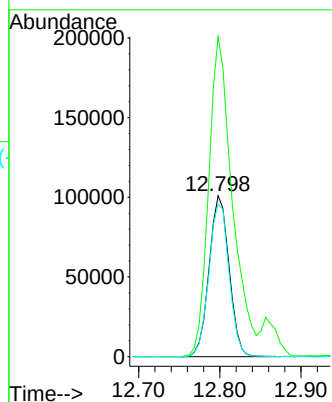
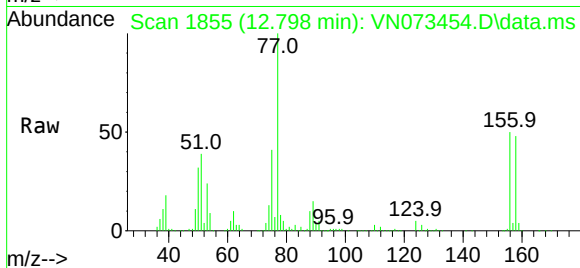
Tgt Ion:156 Resp: 172680

Ion Ratio Lower Upper

156 100

77 234.8 100.5 301.5

158 96.1 48.9 146.6



#78

n-propylbenzene

Concen: 50.757 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073454.D

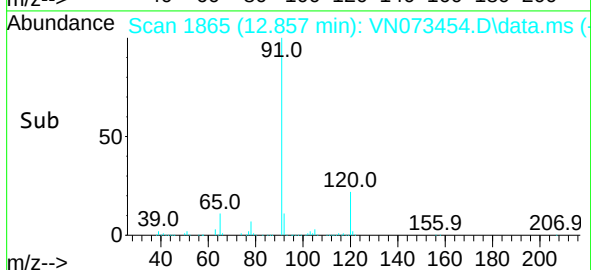
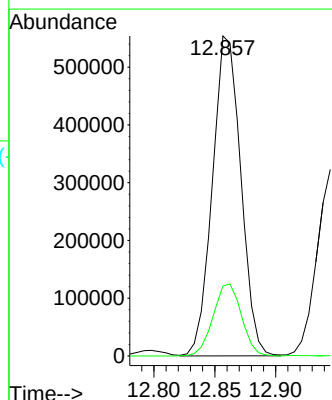
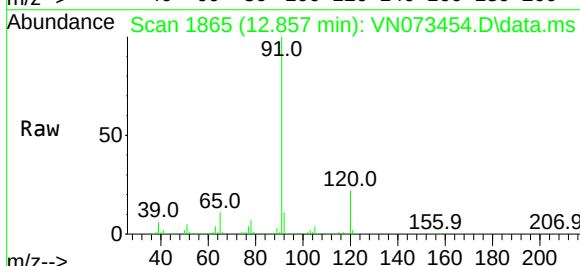
Acq: 13 Jul 2022 17:38

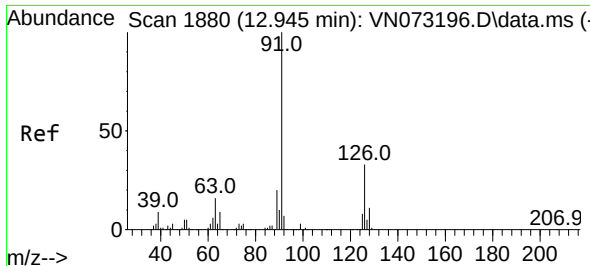
Tgt Ion: 91 Resp: 898511

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.5

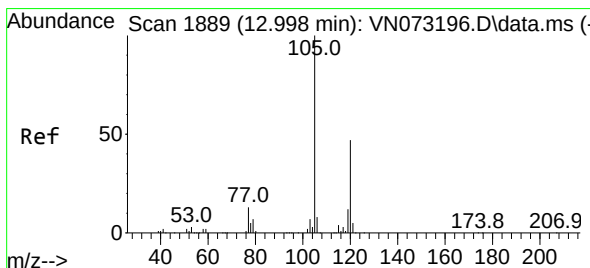
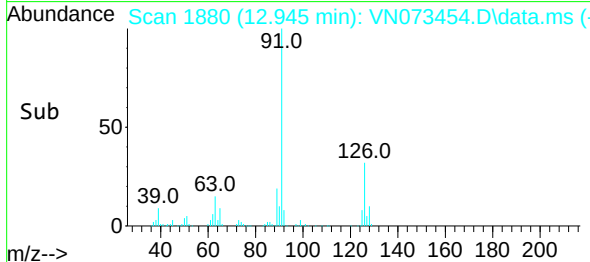
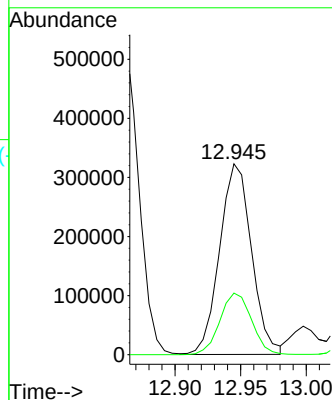
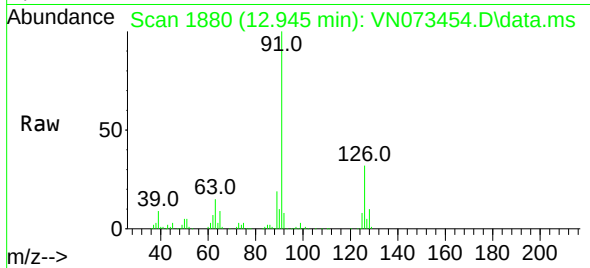




#79
2-Chlorotoluene
Concen: 48.840 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

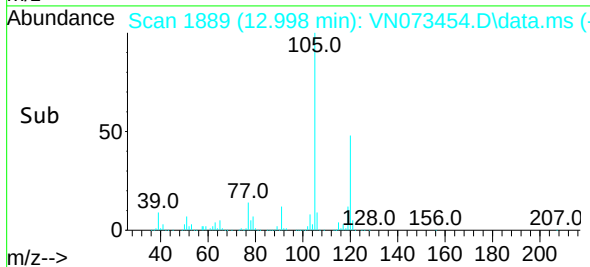
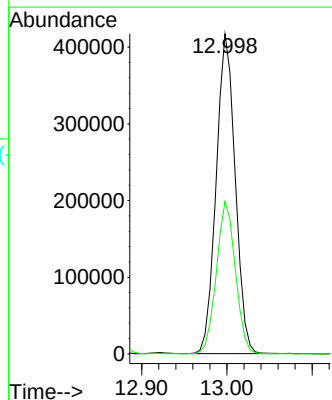
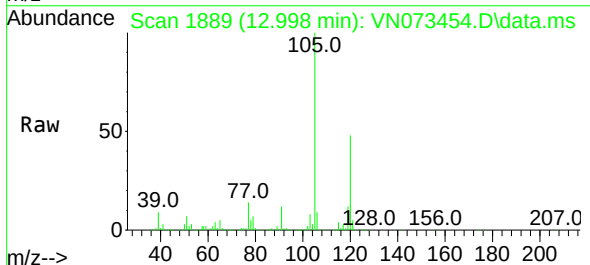
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

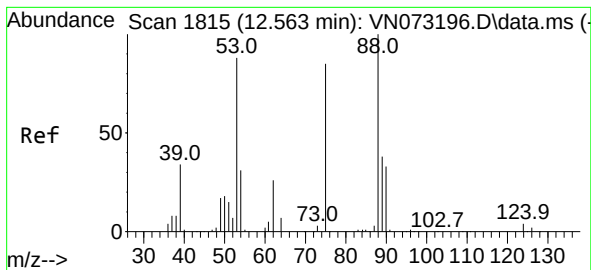
Tgt Ion: 91 Resp: 547190
Ion Ratio Lower Upper
91 100
126 32.1 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 49.803 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 105 Resp: 646843
Ion Ratio Lower Upper
105 100
120 47.8 24.9 74.7

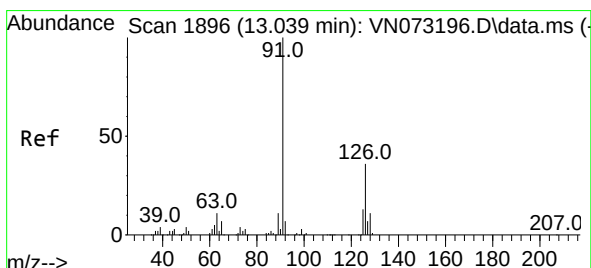
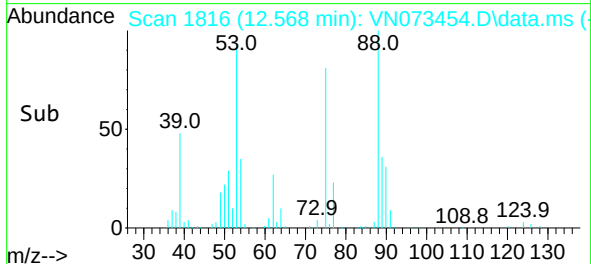
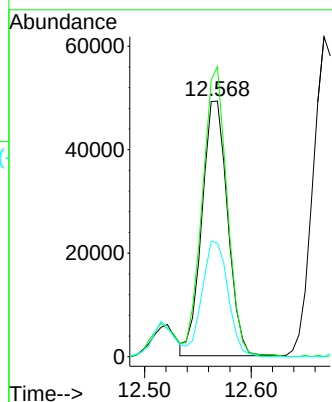
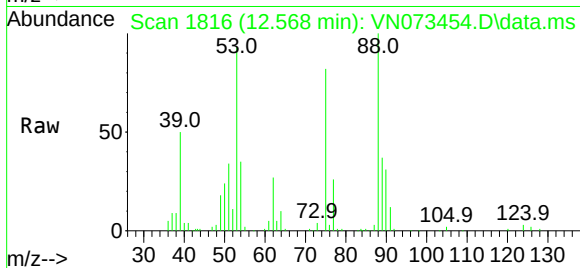




#81
trans-1,4-Dichloro-2-butene
Concen: 47.079 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.005 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

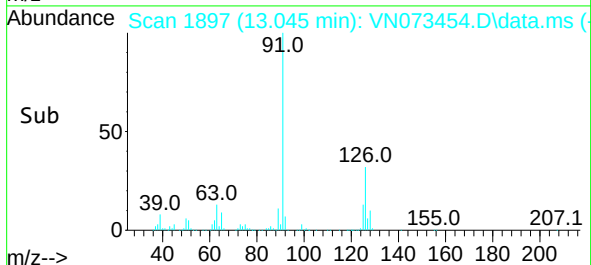
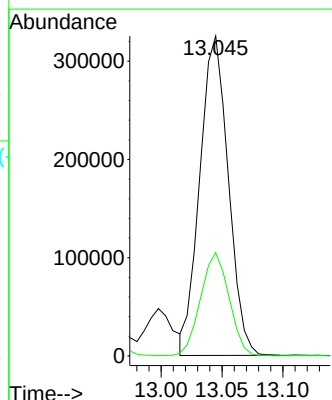
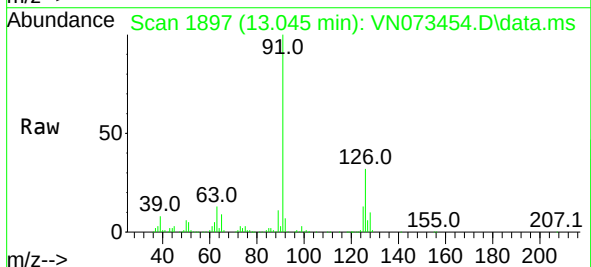
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

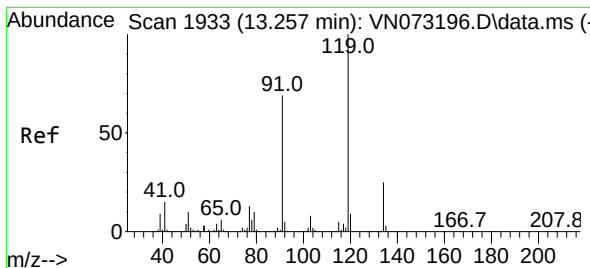
Tgt Ion: 75 Resp: 82829
Ion Ratio Lower Upper
75 100
53 110.7 78.0 117.0
89 45.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 48.794 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 91 Resp: 529245
Ion Ratio Lower Upper
91 100
126 32.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.460 ug/l

RT: 13.262 min Scan# 1934

Delta R.T. 0.005 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

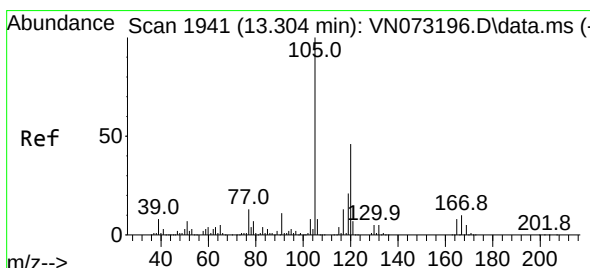
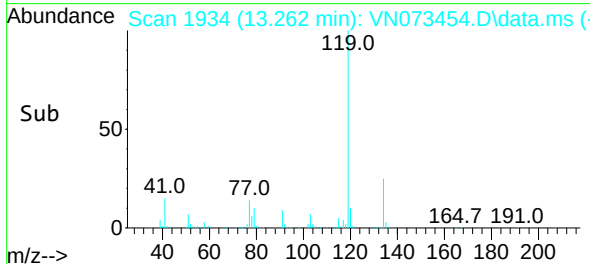
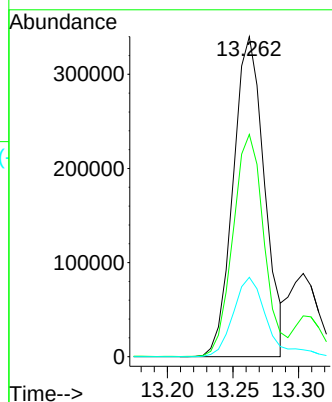
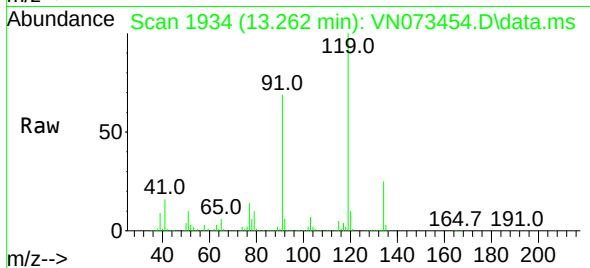
Tgt Ion:119 Resp: 564270

Ion Ratio Lower Upper

119 100

91 69.2 31.6 94.8

134 26.7 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 49.061 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073454.D

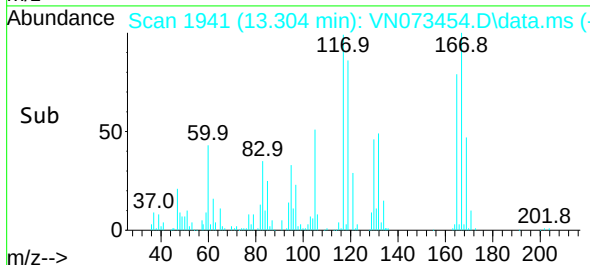
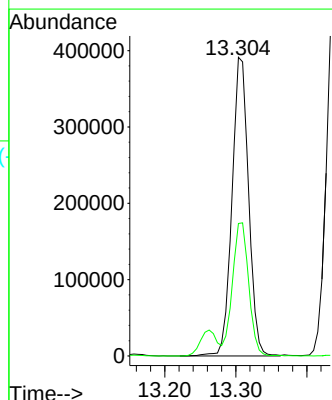
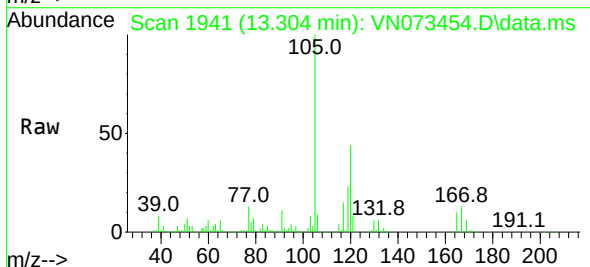
Acq: 13 Jul 2022 17:38

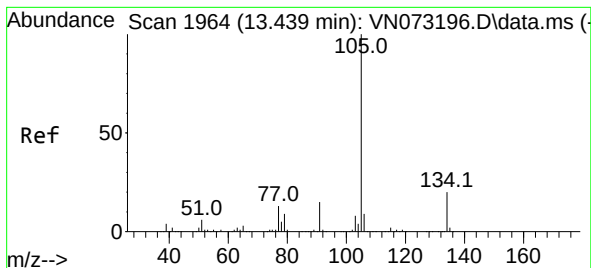
Tgt Ion:105 Resp: 636187

Ion Ratio Lower Upper

105 100

120 43.8 23.3 69.8





#85

sec-Butylbenzene

Concen: 51.030 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

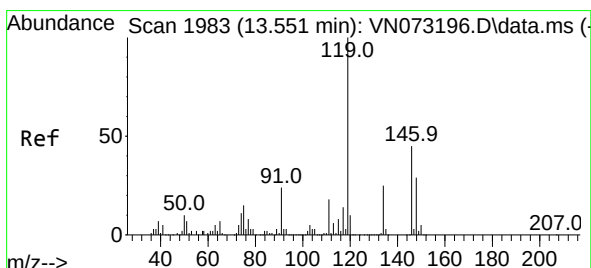
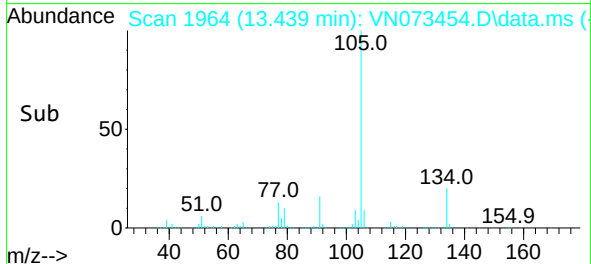
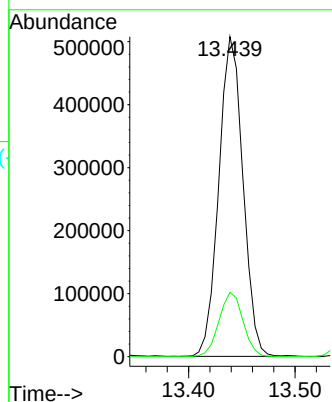
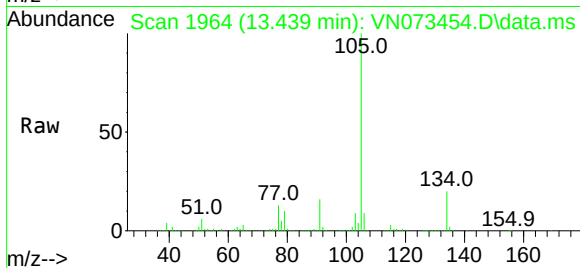
VSTDCCC050EC

Tgt Ion:105 Resp: 797878

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.105 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

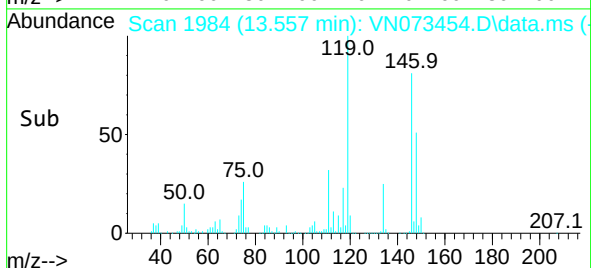
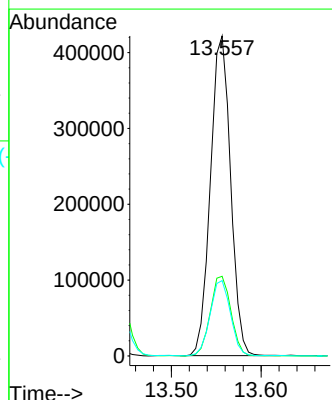
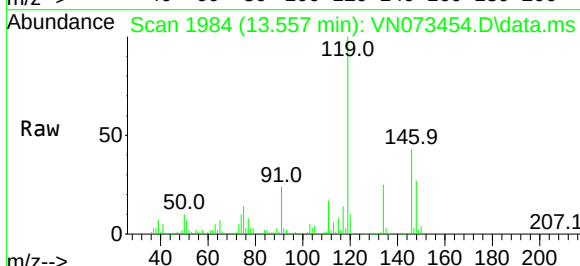
Tgt Ion:119 Resp: 658104

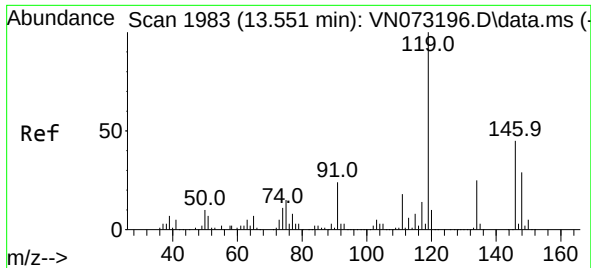
Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.8

91 23.7 11.3 33.9

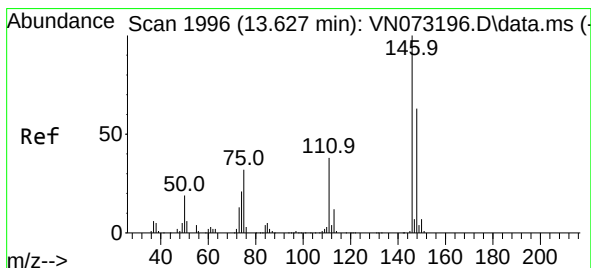
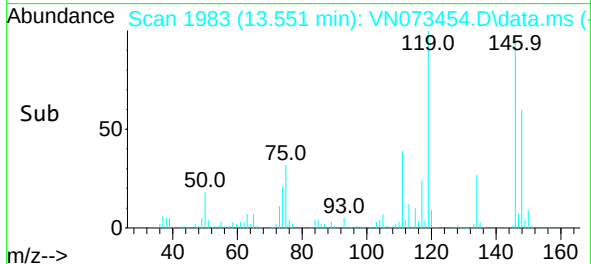
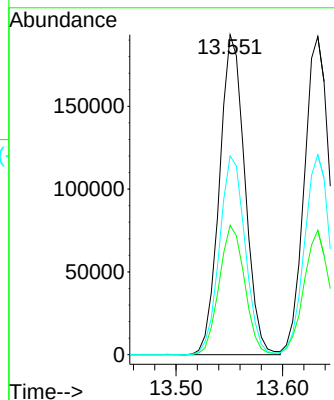
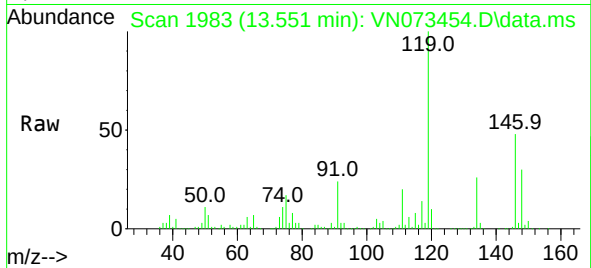




#87
 1,3-Dichlorobenzene
 Concen: 48.149 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

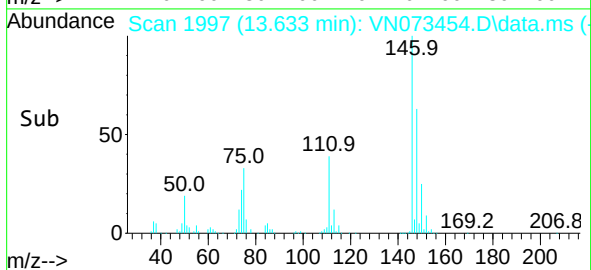
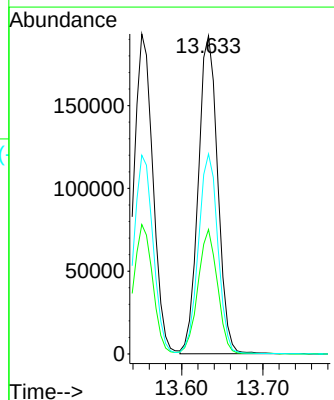
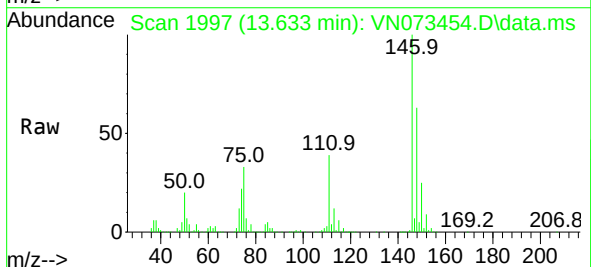
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

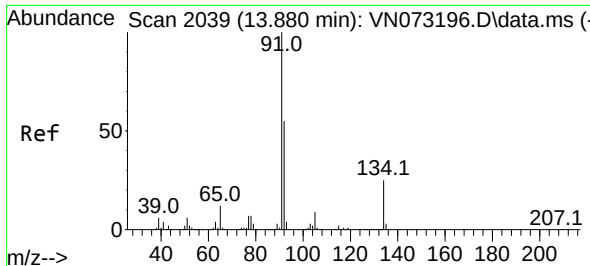
Tgt Ion:146 Resp: 320016
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 62.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.057 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073454.D
 Acq: 13 Jul 2022 17:38

Tgt Ion:146 Resp: 320026
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.1 57.1
 148 62.8 31.4 94.3

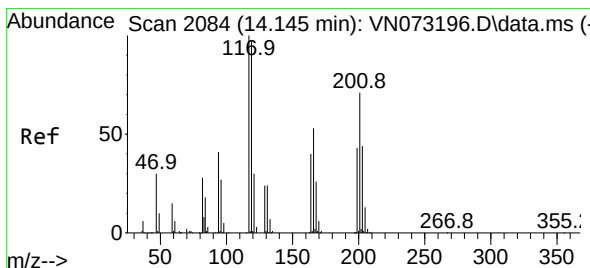
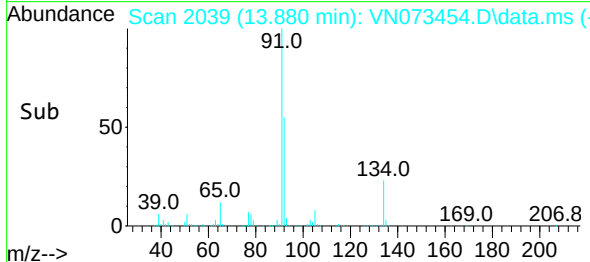
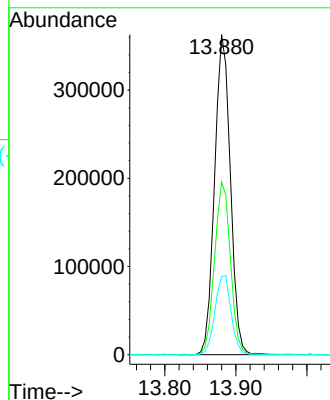
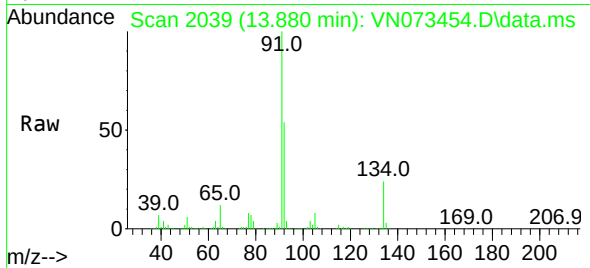




#89
n-Butylbenzene
Concen: 53.128 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

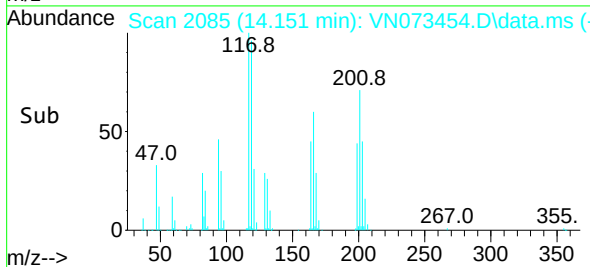
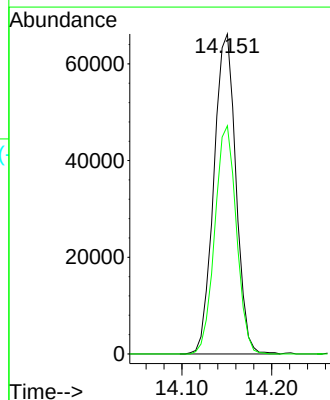
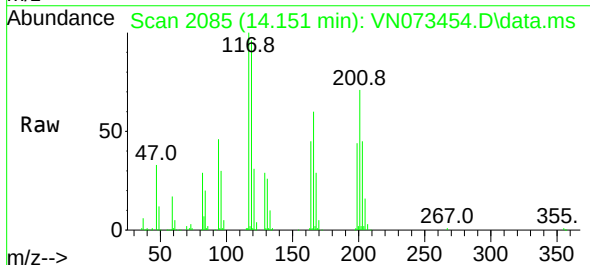
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

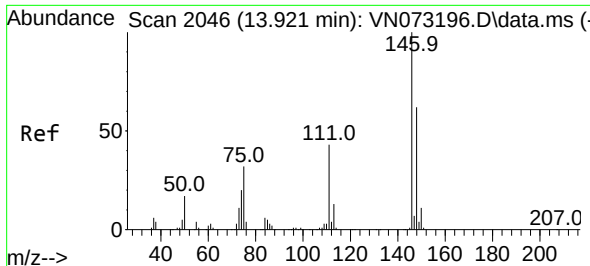
Tgt Ion: 91 Resp: 559162
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 25.4 13.6 40.8



#90
Hexachloroethane
Concen: 47.993 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 117 Resp: 112969
Ion Ratio Lower Upper
117 100
201 69.8 40.6 122.0

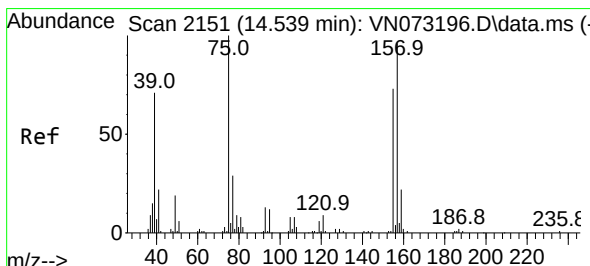
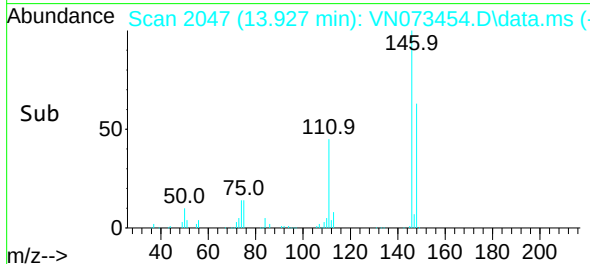
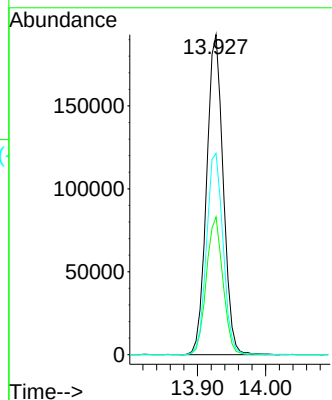
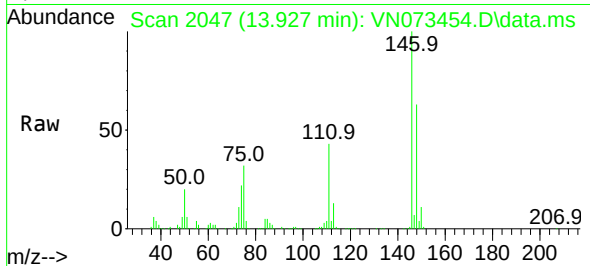




#91
1,2-Dichlorobenzene
Concen: 48.239 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

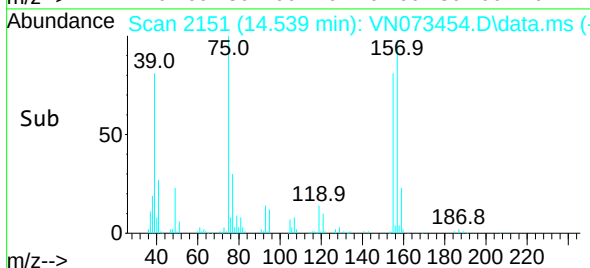
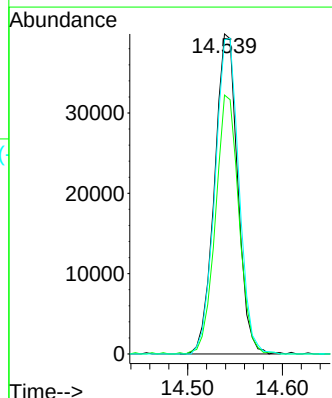
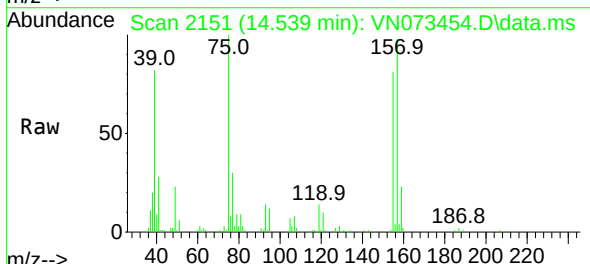
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

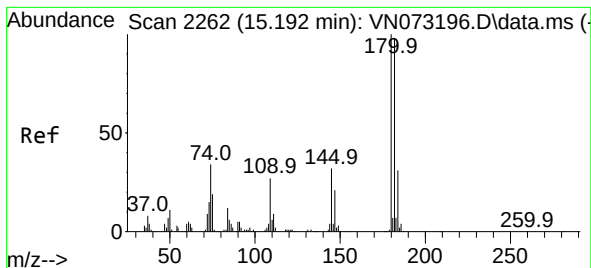
Tgt Ion:146 Resp: 326602
Ion Ratio Lower Upper
146 100
111 43.0 20.9 62.8
148 62.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.540 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073454.D
Acq: 13 Jul 2022 17:38

Tgt Ion: 75 Resp: 67524
Ion Ratio Lower Upper
75 100
155 81.8 44.9 134.5
157 102.2 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 51.902 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

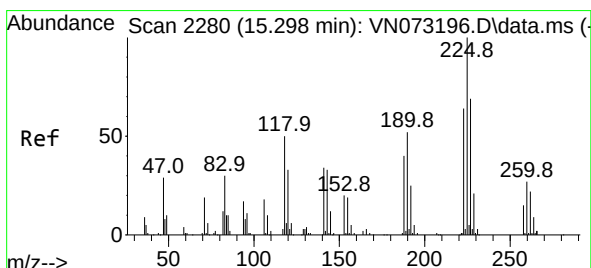
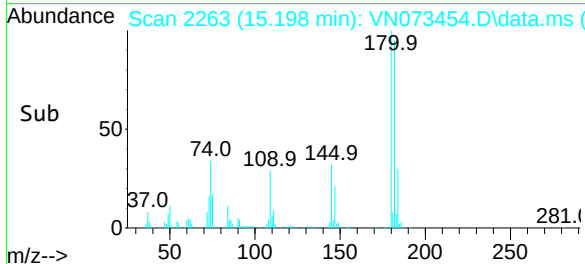
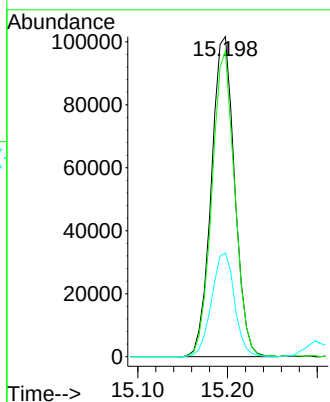
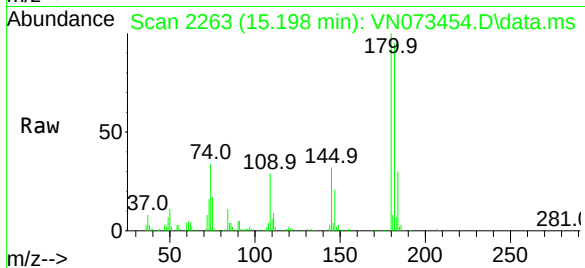
Tgt Ion:180 Resp: 182972

Ion Ratio Lower Upper

180 100

182 93.1 47.5 142.5

145 32.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.326 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

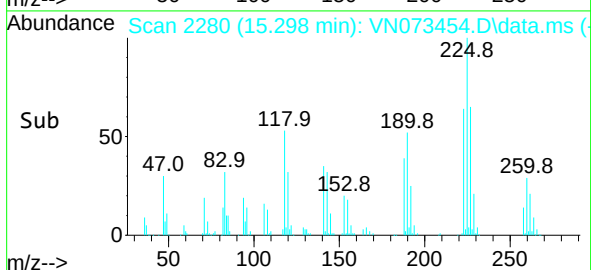
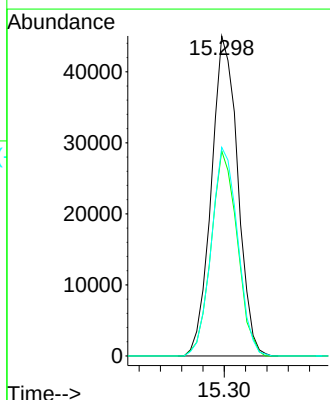
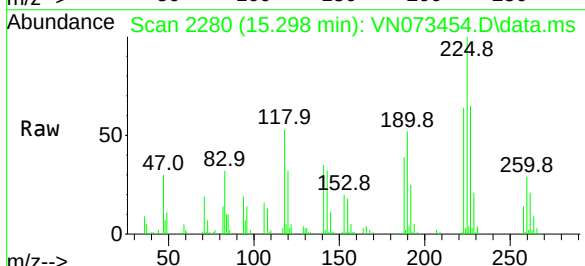
Tgt Ion:225 Resp: 77301

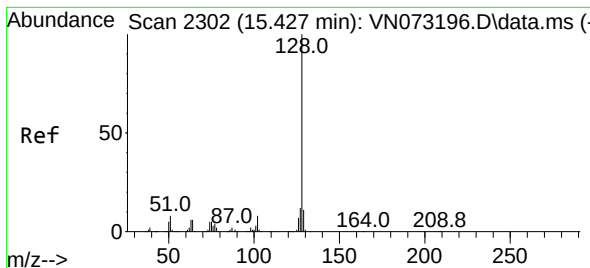
Ion Ratio Lower Upper

225 100

223 63.4 32.4 97.2

227 65.3 31.8 95.4





#95

Naphthalene

Concen: 49.306 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

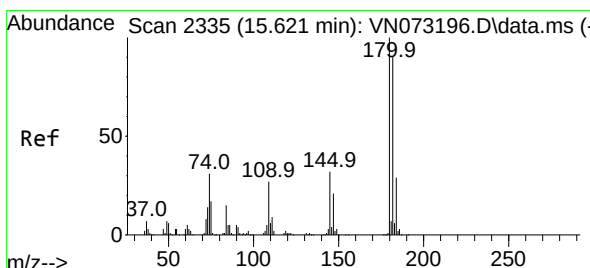
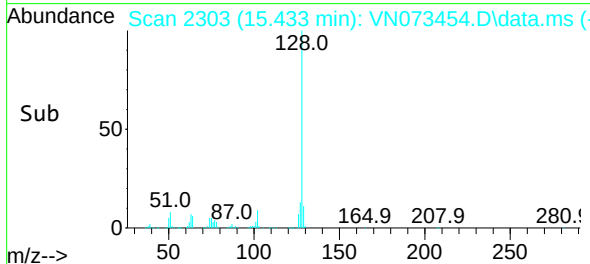
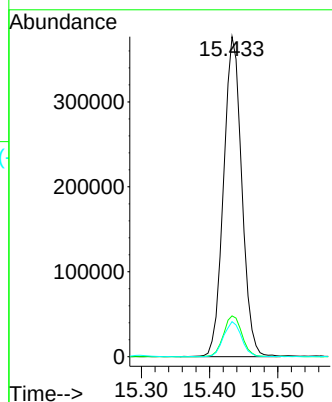
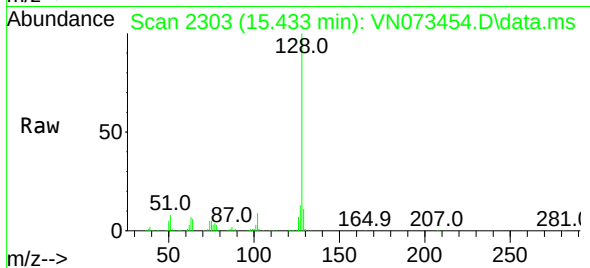
Tgt Ion:128 Resp: 701214

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.842 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073454.D

Acq: 13 Jul 2022 17:38

Tgt Ion:180 Resp: 184888

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 33.2 15.5 46.5

