

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073443.D
 Acq On : 13 Jul 2022 11:14
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 14 07:01:53 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	204542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	347190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	325427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	158322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	159532	54.028	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.060%	
35) Dibromofluoromethane	7.951	113	126183	54.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.260%	
50) Toluene-d8	10.375	98	441578	53.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.669	95	175464	55.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	148964	49.814	ug/l	100
3) Chloromethane	2.269	50	142217	48.985	ug/l	100
4) Vinyl Chloride	2.404	62	118513	48.043	ug/l	98
5) Bromomethane	2.787	94	50409	43.265	ug/l	90
6) Chloroethane	2.952	64	77346	53.302	ug/l	99
7) Trichlorofluoromethane	3.304	101	219963	51.577	ug/l	98
8) Diethyl Ether	3.763	74	90838	52.324	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.140	101	130721	51.875	ug/l	96
10) Methyl Iodide	4.346	142	130080	43.341	ug/l	93
11) Tert butyl alcohol	5.287	59	187515	262.149	ug/l	99
12) 1,1-Dichloroethene	4.110	96	120107	49.881	ug/l	95
13) Acrolein	3.975	56	89685	198.367	ug/l	100
14) Allyl chloride	4.757	41	271351	53.494	ug/l #	89
15) Acrylonitrile	5.469	53	548603	297.933	ug/l	99
16) Acetone	4.216	43	484859	292.533	ug/l	94
17) Carbon Disulfide	4.457	76	281171	45.034	ug/l	99
18) Methyl Acetate	4.775	43	286876	61.763	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	483702	55.118	ug/l	98
20) Methylene Chloride	5.004	84	150393	51.631	ug/l #	85
21) trans-1,2-Dichloroethene	5.504	96	128806	51.196	ug/l	95
22) Diisopropyl ether	6.410	45	563177	59.499	ug/l #	95
23) Vinyl Acetate	6.345	43	2371365	279.820	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	273001	55.734	ug/l	99
25) 2-Butanone	7.257	43	806256	305.534	ug/l #	87
26) 2,2-Dichloropropane	7.251	77	208572	46.040	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	157710	51.763	ug/l	93
28) Bromochloromethane	7.581	49	125310	61.084	ug/l #	80
29) Tetrahydrofuran	7.610	42	533550	295.290	ug/l #	86
30) Chloroform	7.745	83	276392	56.024	ug/l	99
31) Cyclohexane	8.022	56	235104	48.616	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	233114	53.022	ug/l	99
36) 1,1-Dichloropropene	8.145	75	195200	54.920	ug/l	96
37) Ethyl Acetate	7.334	43	297260	55.352	ug/l #	94
38) Carbon Tetrachloride	8.128	117	193187	52.560	ug/l	99
39) Methylcyclohexane	9.392	83	223197	50.440	ug/l	93
40) Benzene	8.386	78	601792	54.863	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	149973	57.581	ug/l #	87
42) 1,2-Dichloroethane	8.457	62	224173	56.379	ug/l	98
43) Isopropyl Acetate	8.492	43	447872	58.028	ug/l #	91
44) Trichloroethene	9.145	130	142666	51.109	ug/l	88
45) 1,2-Dichloropropane	9.422	63	161588	57.797	ug/l	100
46) Dibromomethane	9.510	93	104759	55.185	ug/l	92
47) Bromodichloromethane	9.698	83	216735	58.949	ug/l	98
48) Methyl methacrylate	9.492	41	212726	59.527	ug/l #	87
49) 1,4-Dioxane	9.504	88	81927	1207.638	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	1528632	312.315	ug/l	90
52) Toluene	10.439	92	362099	53.416	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	225355	55.678	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	243731	55.778	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	154961	55.527	ug/l	97
56) Ethyl methacrylate	10.698	69	253059	56.102	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	268186	56.059	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	587882	292.233	ug/l	93
59) 2-Hexanone	11.022	43	1161002	311.181	ug/l	88
60) Dibromochloromethane	11.175	129	157193	59.079	ug/l	99
61) 1,2-Dibromoethane	11.286	107	154232	55.330	ug/l	99
64) Tetrachloroethene	10.910	164	131638	49.537	ug/l	93
65) Chlorobenzene	11.710	112	379759	51.598	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	140973	52.075	ug/l	99
67) Ethyl Benzene	11.780	91	715674	53.561	ug/l	100
68) m/p-Xylenes	11.892	106	540727	107.229	ug/l	95
69) o-Xylene	12.222	106	268635	52.183	ug/l	96
70) Styrene	12.233	104	447172	56.262	ug/l	98
71) Bromoform	12.398	173	112913	57.002	ug/l #	99
73) Isopropylbenzene	12.516	105	705178	51.579	ug/l	98
74) N-amyl acetate	12.327	43	349563	51.062	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	244065	53.797	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	319394	77.152	ug/l #	1
77) Bromobenzene	12.798	156	158597	49.894	ug/l	84
78) n-propylbenzene	12.857	91	837644	55.151	ug/l	96
79) 2-Chlorotoluene	12.945	91	494643	51.457	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	598419	53.701	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	75479	50.002	ug/l	92
82) 4-Chlorotoluene	13.039	91	483394	51.943	ug/l	97
83) tert-Butylbenzene	13.263	119	520614	52.111	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	588766	52.919	ug/l	97
85) sec-Butylbenzene	13.439	105	735648	54.837	ug/l	98
86) p-Isopropyltoluene	13.551	119	597253	55.113	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	292262	51.251	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	289645	50.694	ug/l	98
89) n-Butylbenzene	13.880	91	507847	56.238	ug/l	98
90) Hexachloroethane	14.145	117	106295	52.632	ug/l	84
91) 1,2-Dichlorobenzene	13.921	146	302487	52.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	57576	52.214	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	156623	51.782	ug/l	98
94) Hexachlorobutadiene	15.298	225	69998	52.059	ug/l	97
95) Naphthalene	15.433	128	588100	48.197	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	160687	51.500	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

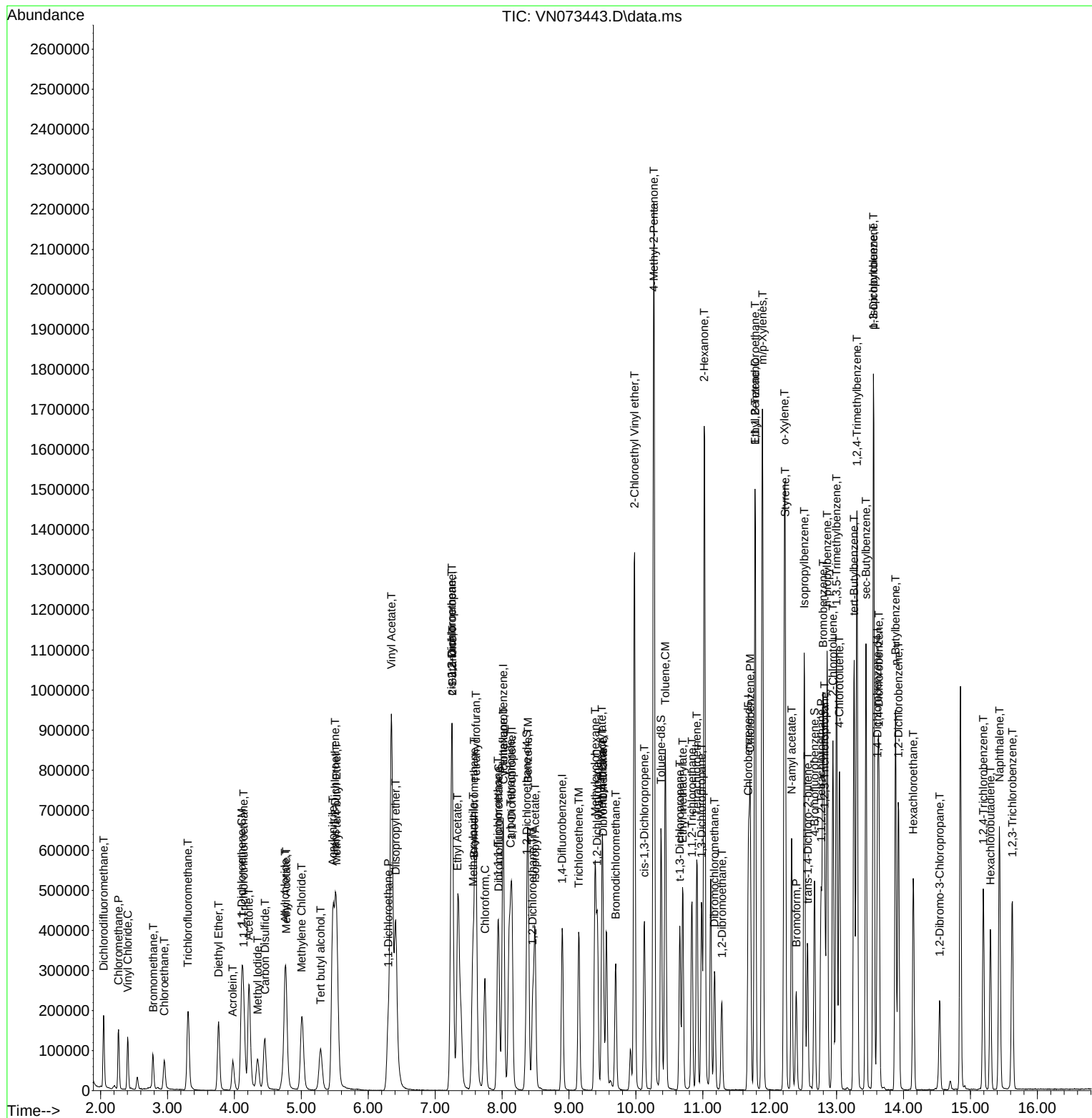
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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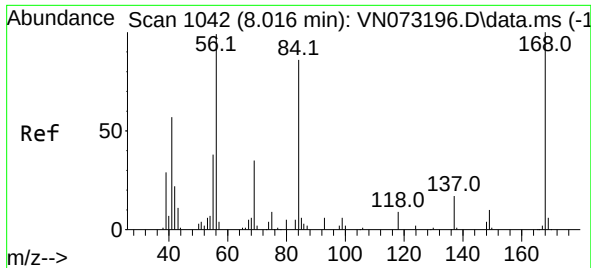
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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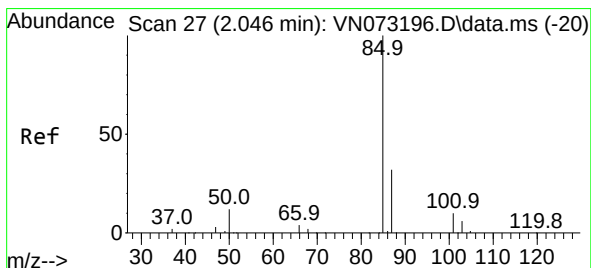
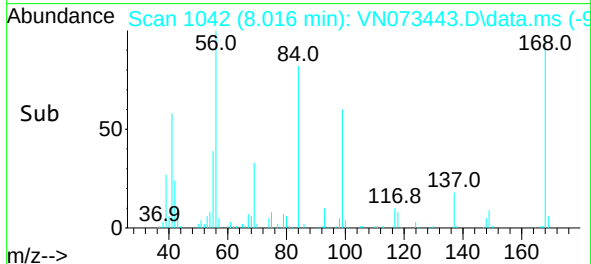
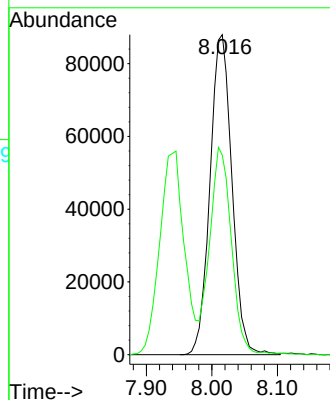
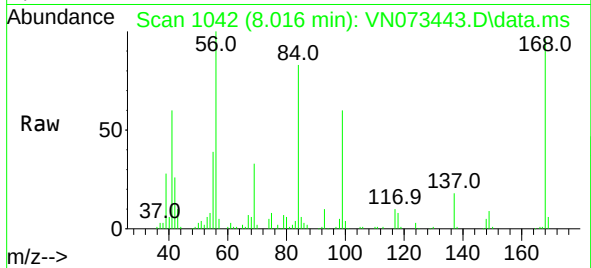




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073443.D
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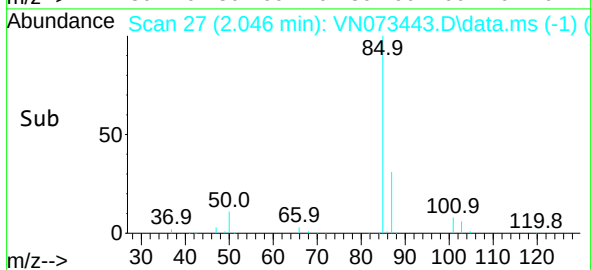
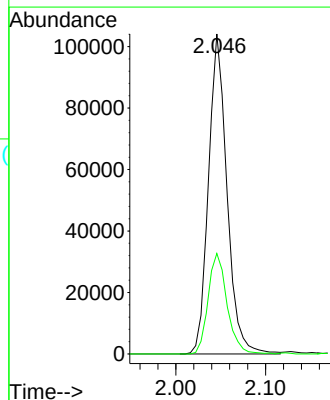
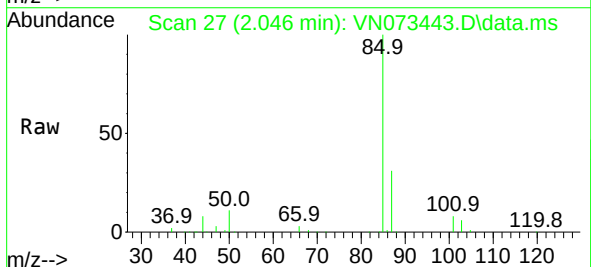
Instrument :
MSVOA_N
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VSTDCCC050

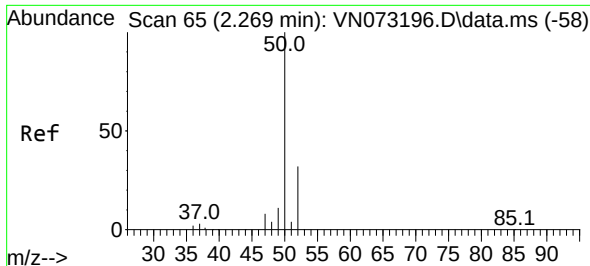
Tgt Ion:168 Resp: 204542
Ion Ratio Lower Upper
168 100
99 61.9 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 49.814 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 85 Resp: 148964
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1

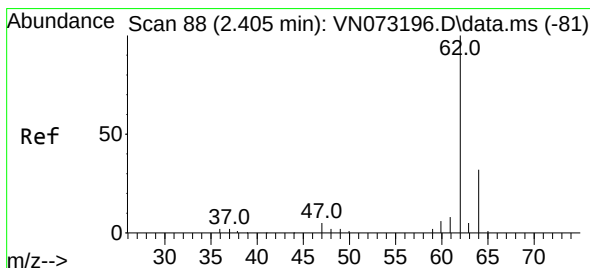
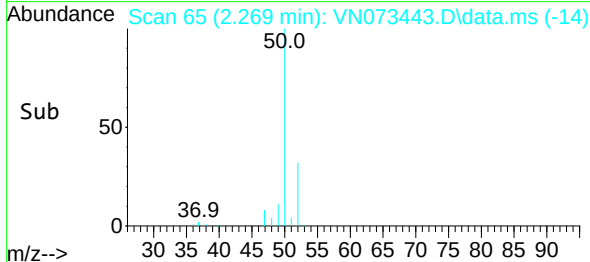
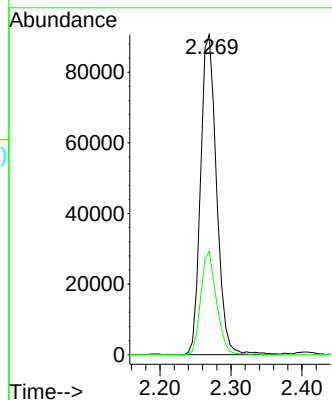
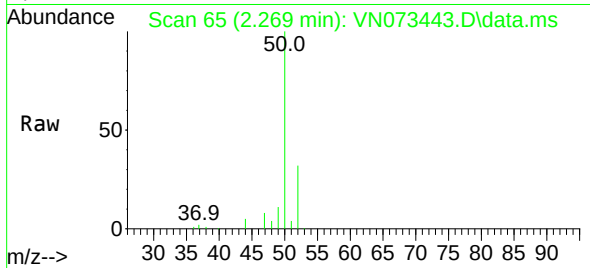




#3
Chloromethane
Concen: 48.985 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

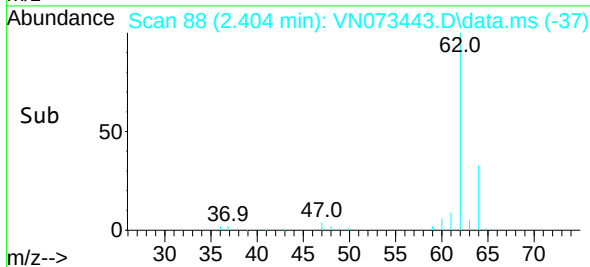
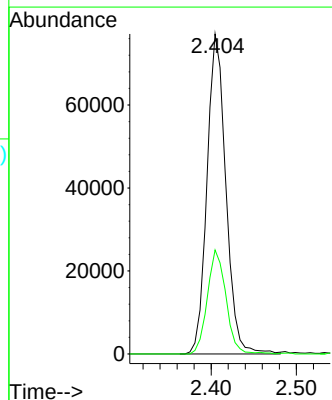
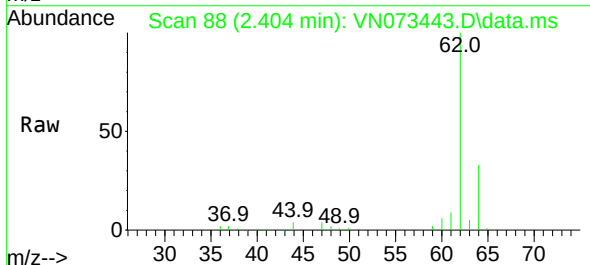
Instrument :
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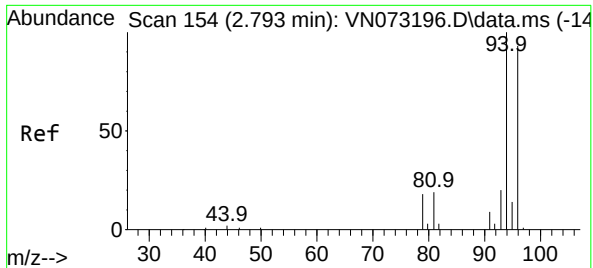
Tgt Ion: 50 Resp: 142217
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5



#4
Vinyl Chloride
Concen: 48.043 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 62 Resp: 118513
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.4

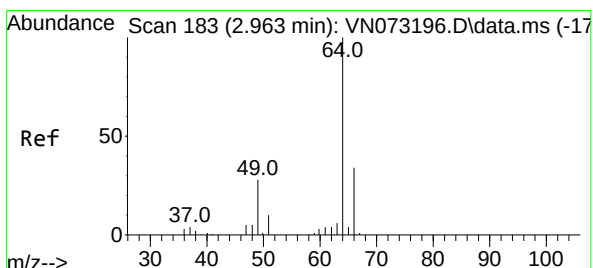
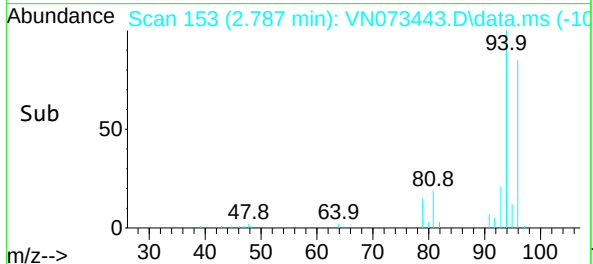
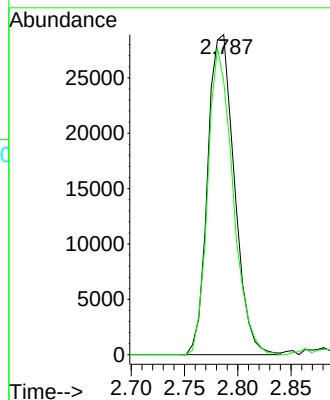
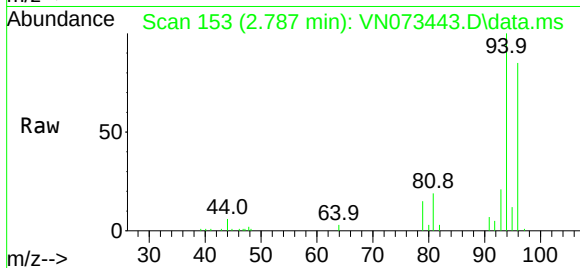




#5
Bromomethane
Concen: 43.265 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073443.D
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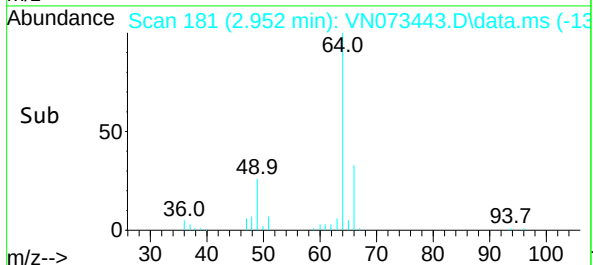
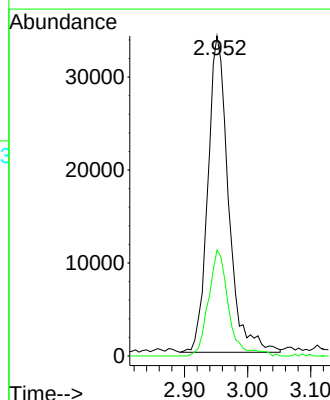
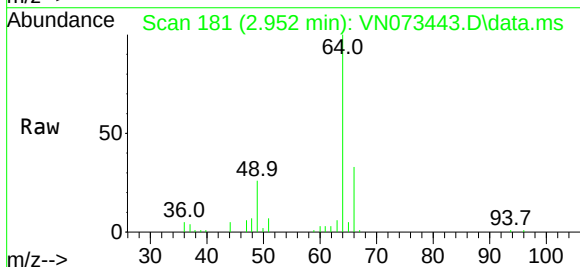
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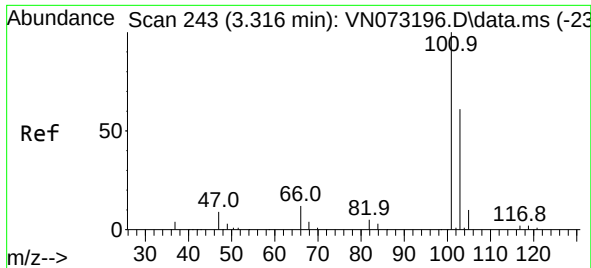
Tgt Ion: 94 Resp: 50409
Ion Ratio Lower Upper
94 100
96 85.4 76.0 114.0



#6
Chloroethane
Concen: 53.302 ug/l
RT: 2.952 min Scan# 181
Delta R.T. -0.011 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 64 Resp: 77346
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.4

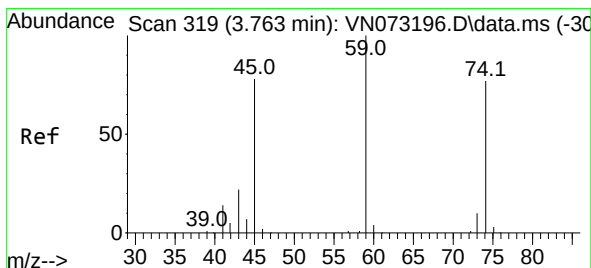
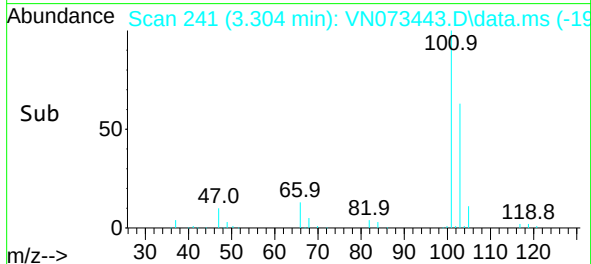
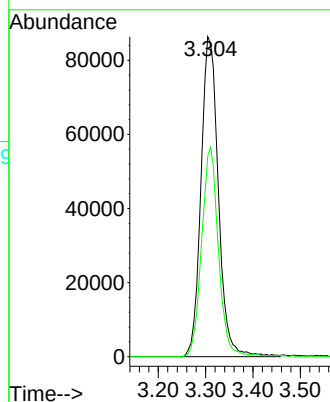
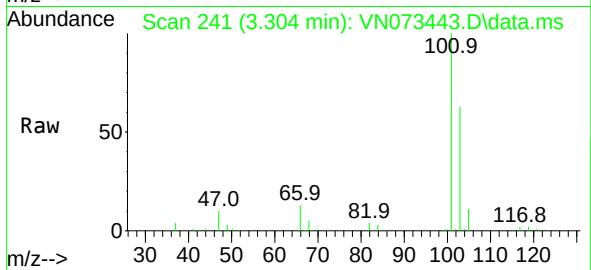




#7
 Trichlorofluoromethane
 Concen: 51.577 ug/l
 RT: 3.304 min Scan# 243
 Delta R.T. -0.012 min
 Lab File: VN073443.D
 Acq: 13 Jul 2022 11:14

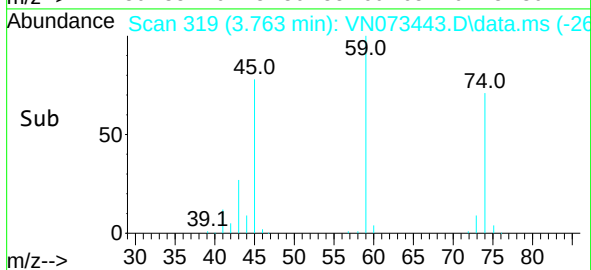
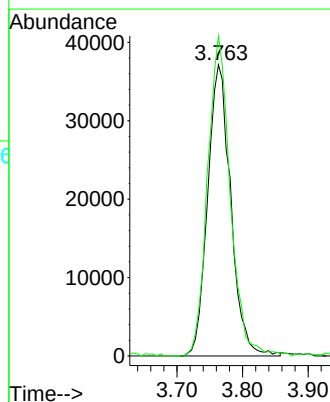
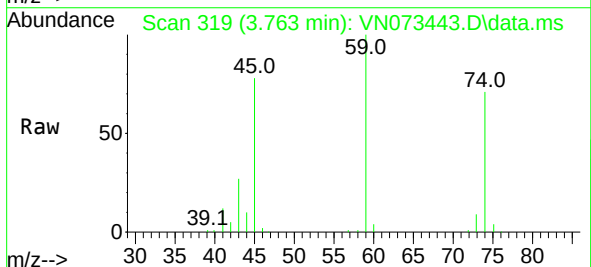
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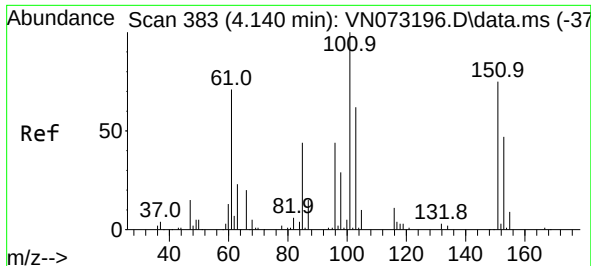
Tgt Ion:101 Resp: 219963
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.5 77.3



#8
 Diethyl Ether
 Concen: 52.324 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073443.D
 Acq: 13 Jul 2022 11:14

Tgt Ion: 74 Resp: 90838
 Ion Ratio Lower Upper
 74 100
 45 108.3 42.9 128.5

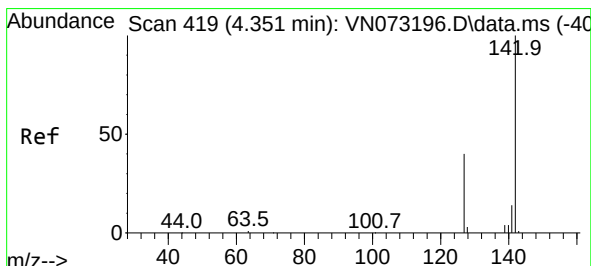
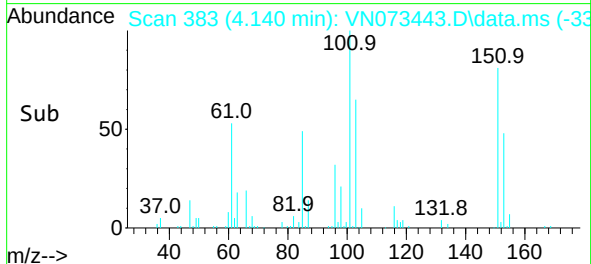
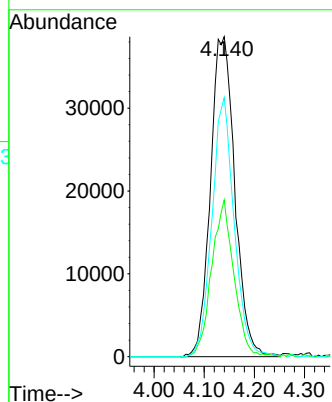
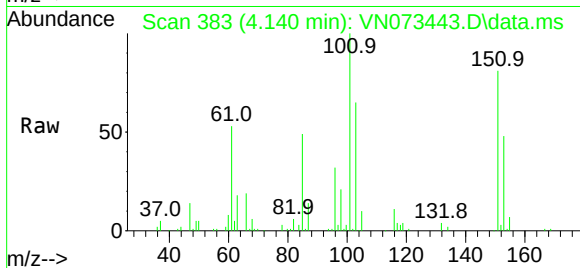




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.875 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

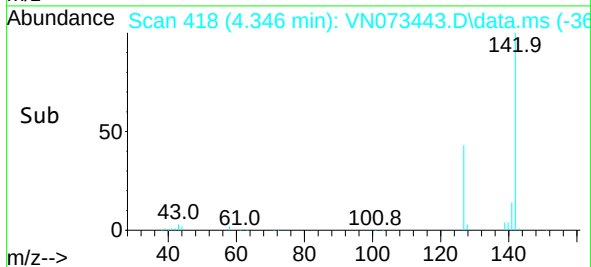
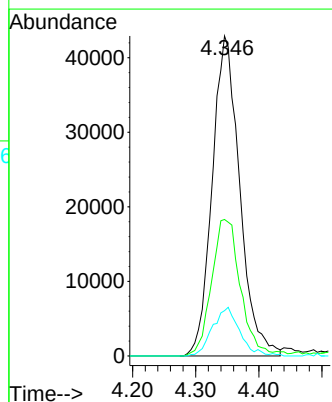
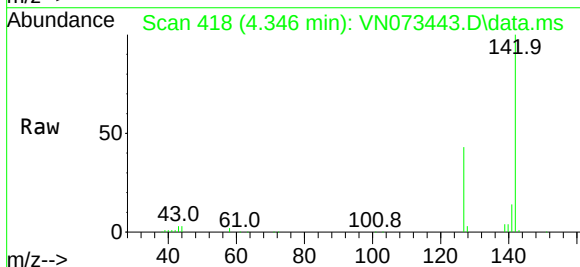
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

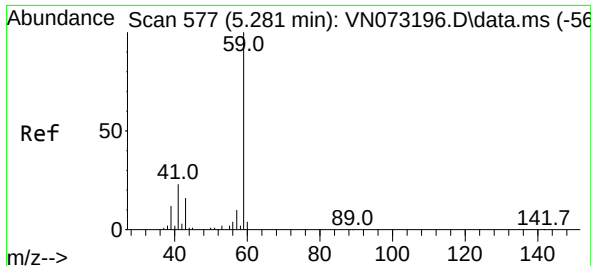
Tgt Ion:101 Resp: 130721
Ion Ratio Lower Upper
101 100
85 44.7 34.7 52.1
151 74.1 63.0 94.4



#10
Methyl Iodide
Concen: 43.341 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion:142 Resp: 130080
Ion Ratio Lower Upper
142 100
127 44.4 31.3 46.9
141 14.9 11.2 16.8

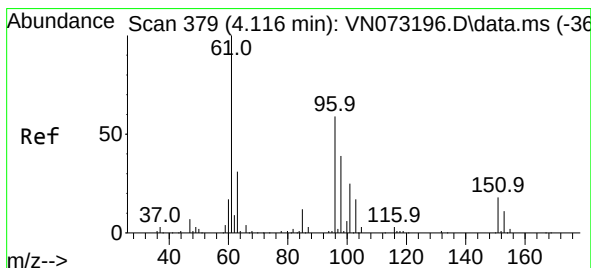
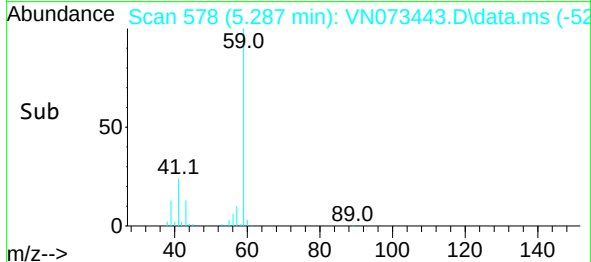
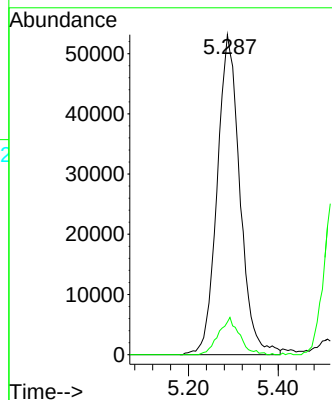
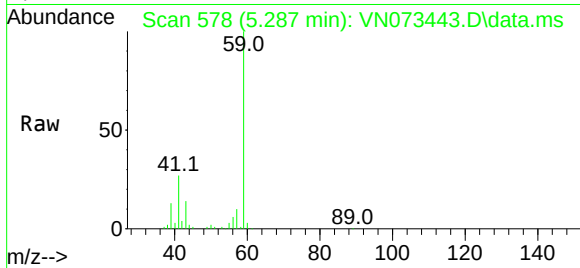




#11
Tert butyl alcohol
Concen: 262.149 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

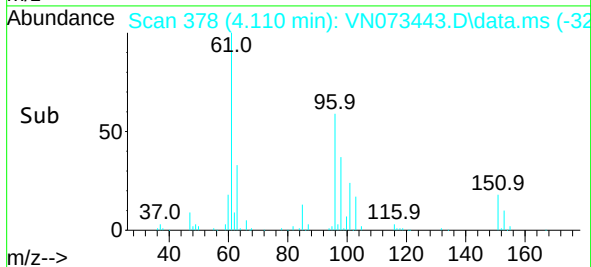
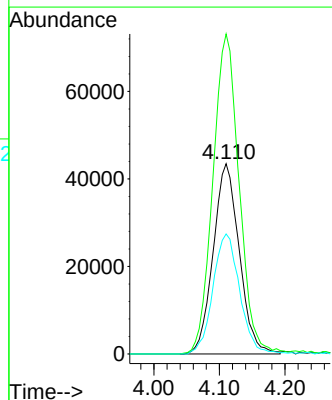
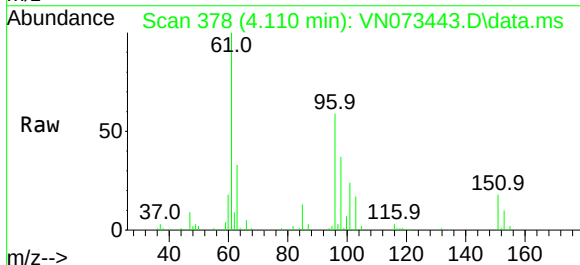
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

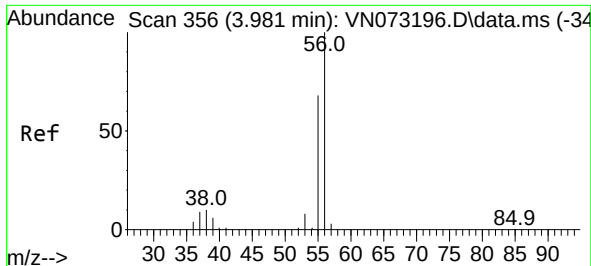
Tgt Ion: 59 Resp: 187515
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.881 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 96 Resp: 120107
Ion Ratio Lower Upper
96 100
61 168.3 127.6 191.4
98 63.1 51.2 76.8

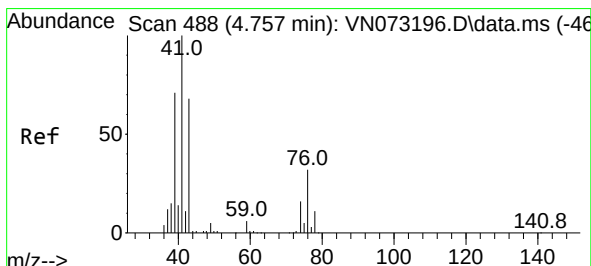
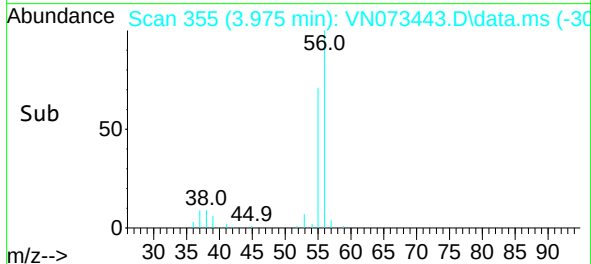
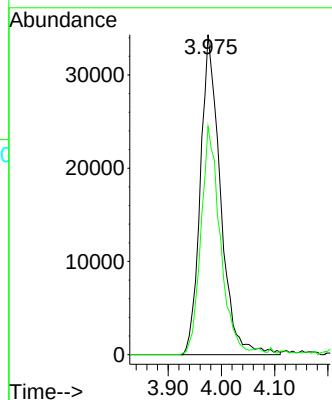
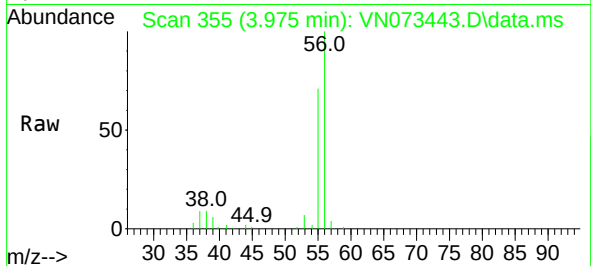




#13
Acrolein
Concen: 198.367 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

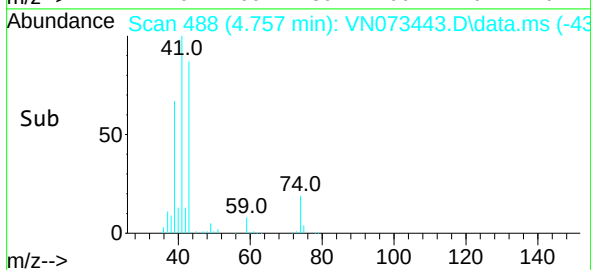
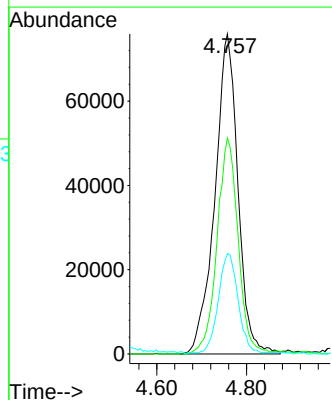
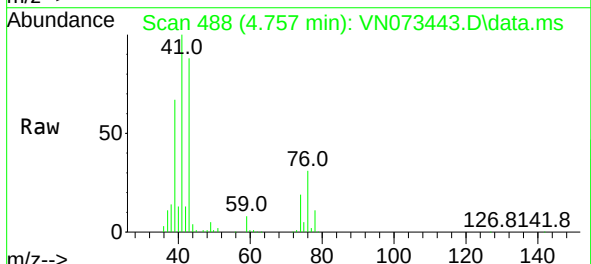
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

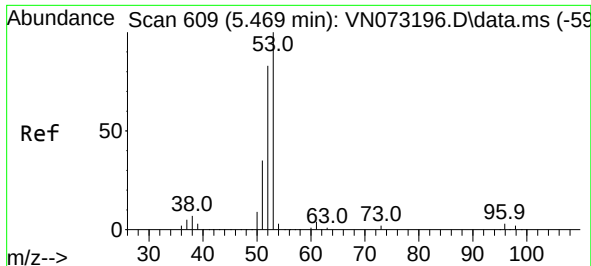
Tgt Ion: 56 Resp: 89685
Ion Ratio Lower Upper
56 100
55 68.4 54.8 82.2



#14
Allyl chloride
Concen: 53.494 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 41 Resp: 271351
Ion Ratio Lower Upper
41 100
39 61.6 53.2 79.8
76 26.3 29.9 44.9#

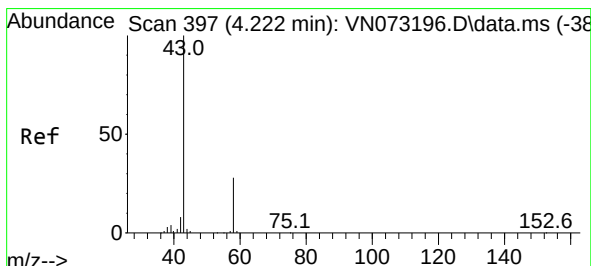
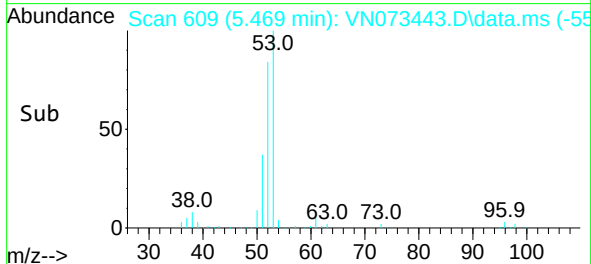
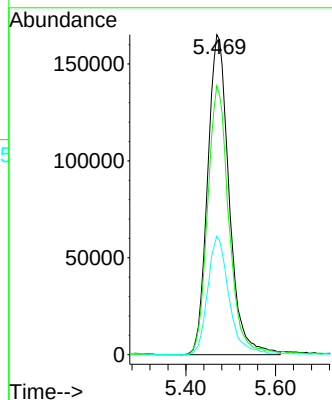
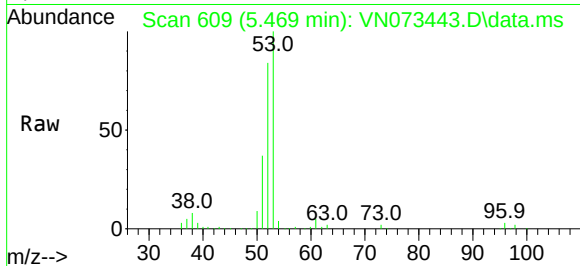




#15
Acrylonitrile
Concen: 297.933 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

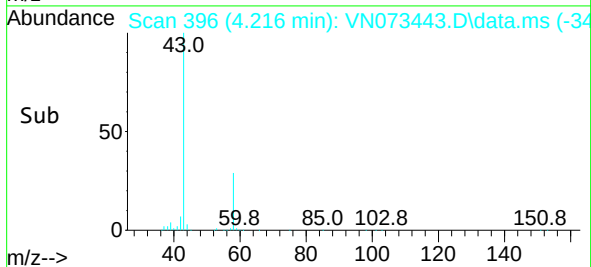
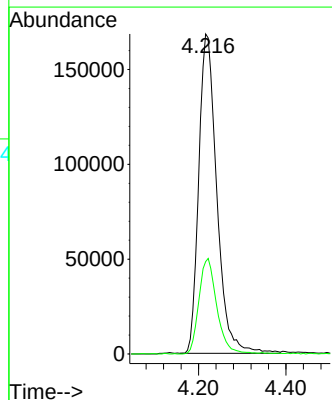
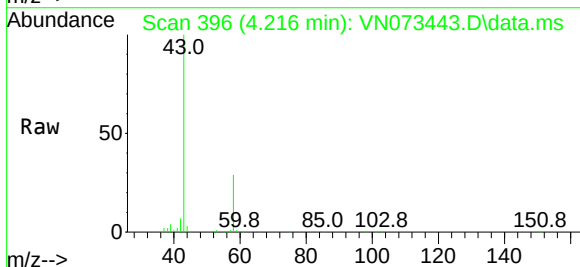
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

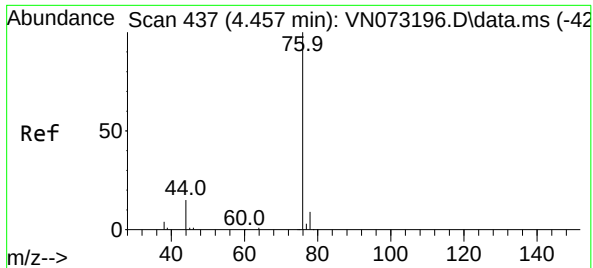
Tgt Ion: 53 Resp: 548603
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 36.9 28.5 42.7



#16
Acetone
Concen: 292.533 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 43 Resp: 484859
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0

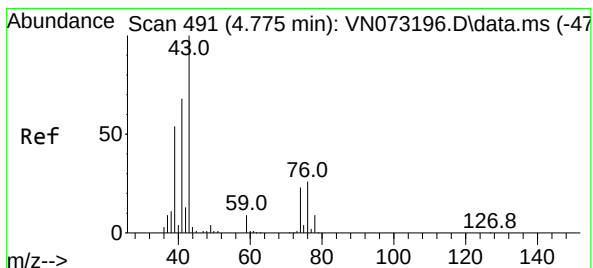
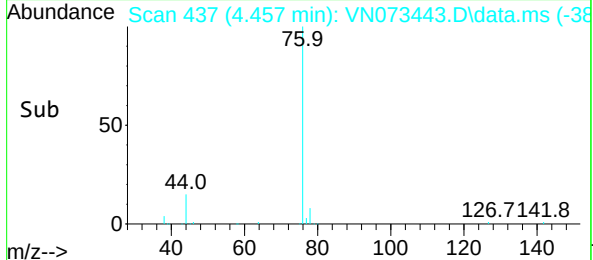
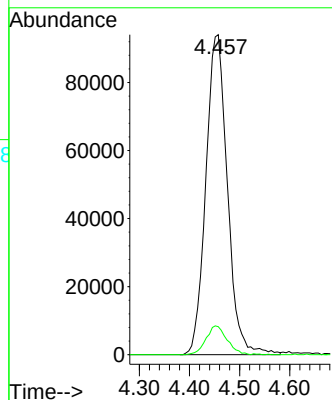
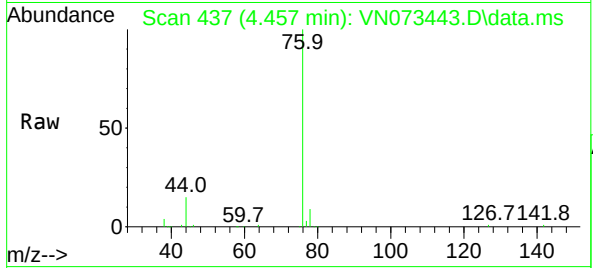




#17
Carbon Disulfide
Concen: 45.034 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

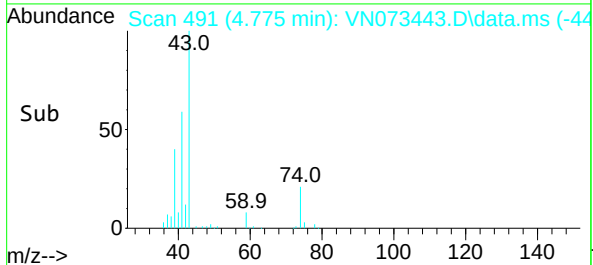
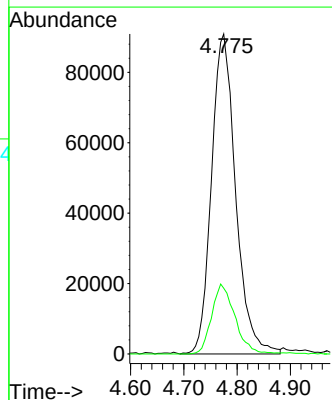
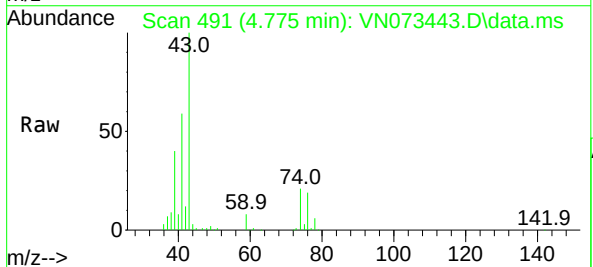
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

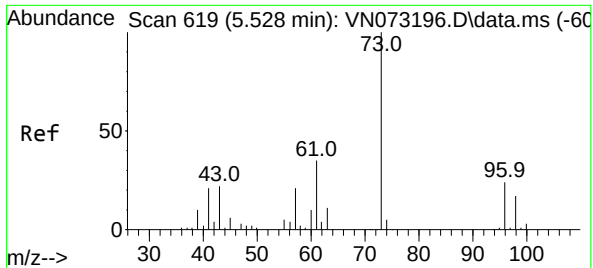
Tgt Ion: 76 Resp: 281171
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 61.763 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 43 Resp: 286876
Ion Ratio Lower Upper
43 100
74 21.1 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 55.118 ug/l

RT: 5.528 min Scan# 619

Delta R.T. -0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

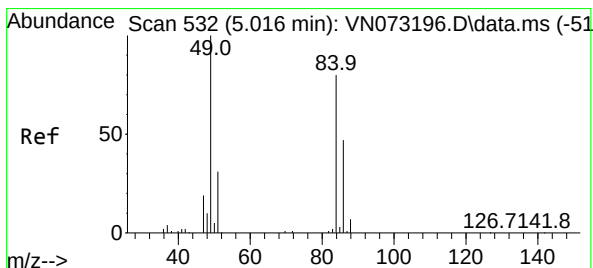
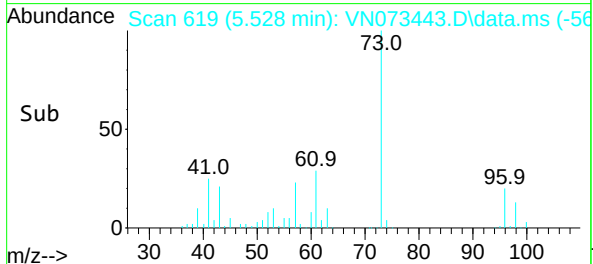
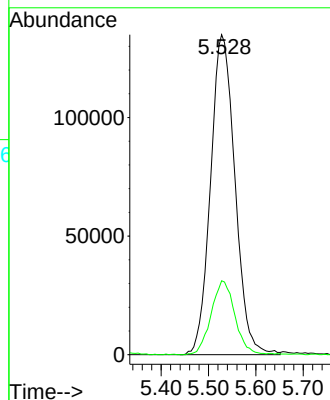
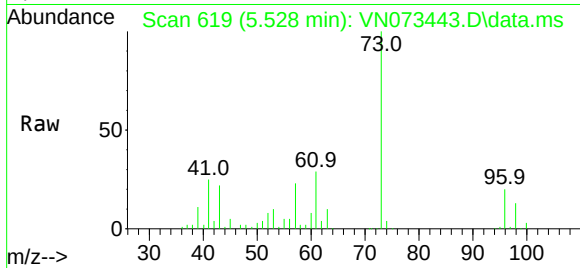
VSTDCCC050

Tgt Ion: 73 Resp: 483702

Ion Ratio Lower Upper

73 100

57 23.1 17.6 26.4



#20

Methylene Chloride

Concen: 51.631 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.012 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Tgt Ion: 84 Resp: 150393

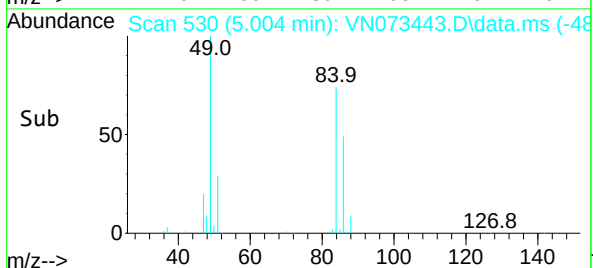
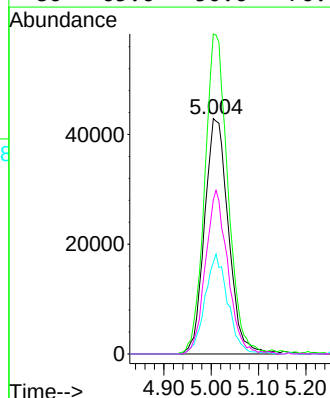
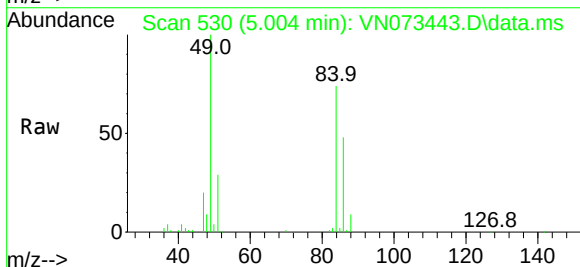
Ion Ratio Lower Upper

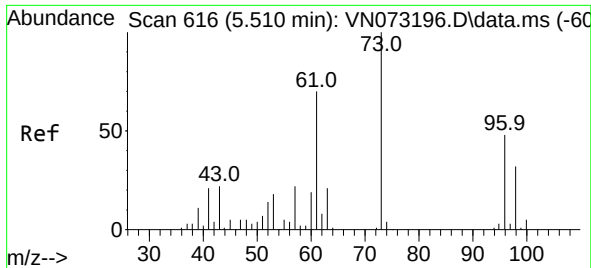
84 100

49 135.5 88.3 132.5#

51 38.9 28.2 42.2

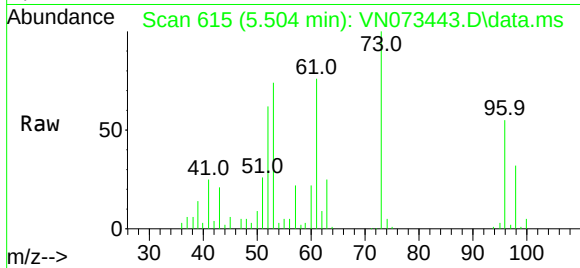
86 65.6 50.6 76.0





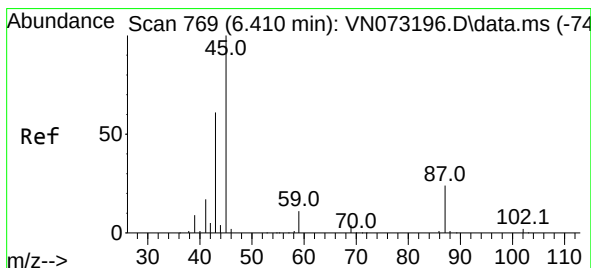
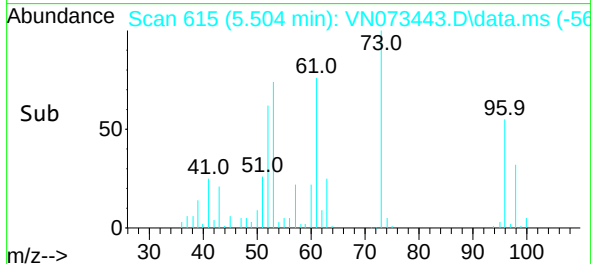
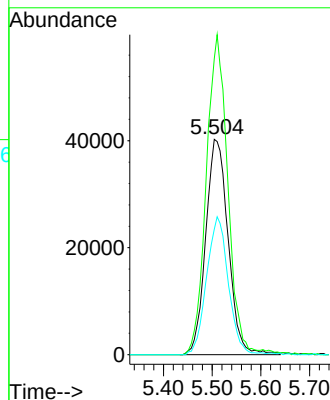
#21
trans-1,2-Dichloroethene
Concen: 51.196 ug/l
RT: 5.504 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 128806

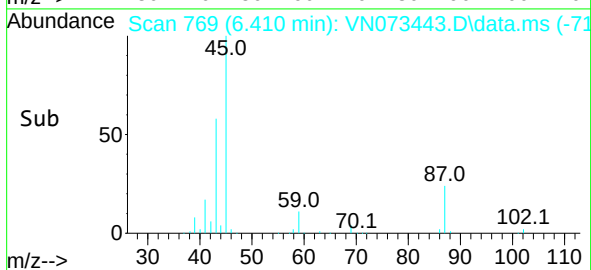
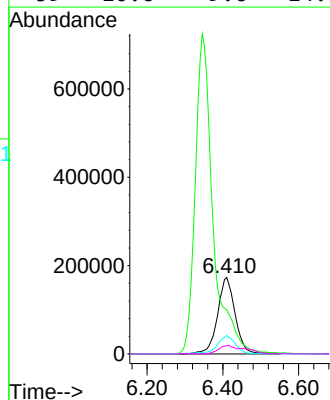
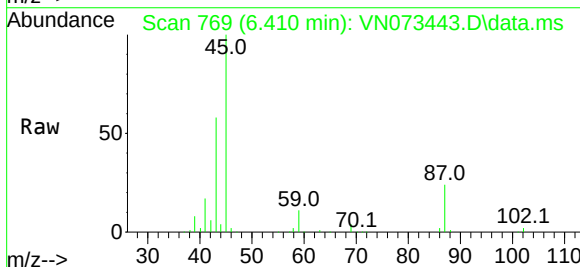
Ion	Ratio	Lower	Upper
96	100		
61	137.4	105.8	158.8
98	58.2	50.3	75.5

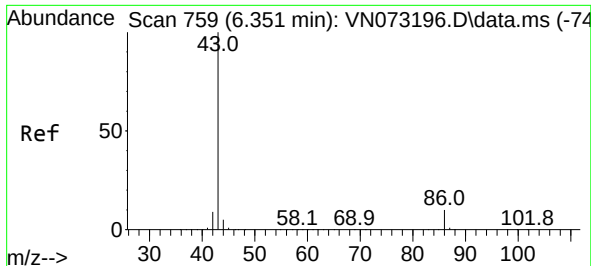


#22
Diisopropyl ether
Concen: 59.499 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 45 Resp: 563177

Ion	Ratio	Lower	Upper
45	100		
43	56.5	46.6	70.0
87	24.3	24.3	36.5
59	10.6	9.6	14.4

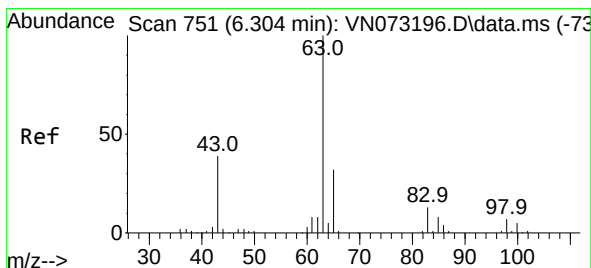
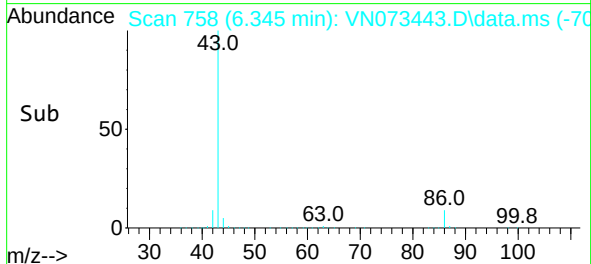
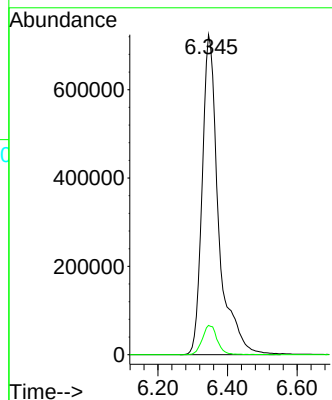
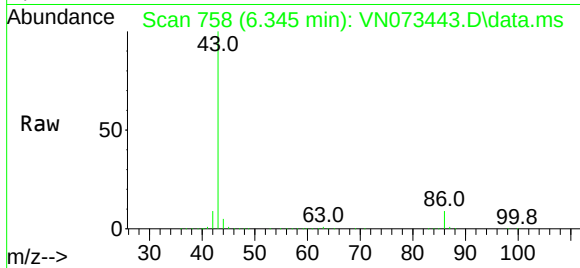




#23
 Vinyl Acetate
 Concen: 279.820 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN073443.D
 Acq: 13 Jul 2022 11:14

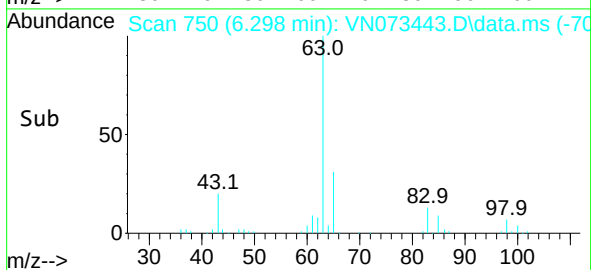
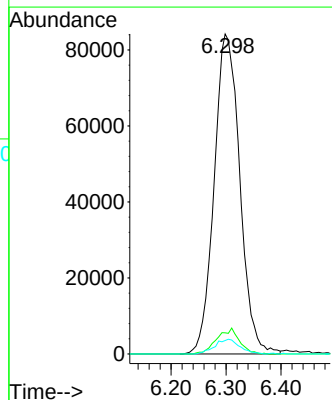
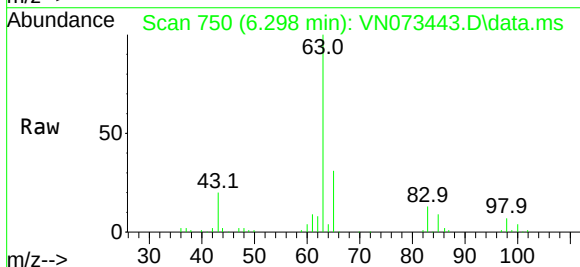
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

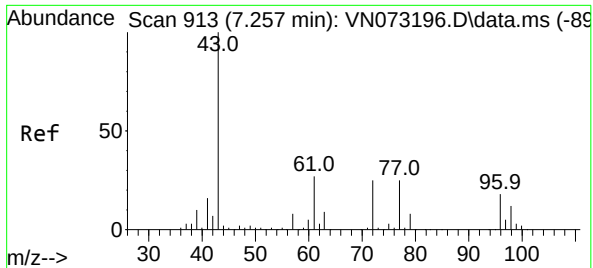
Tgt Ion: 43 Resp: 2371365
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 55.734 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073443.D
 Acq: 13 Jul 2022 11:14

Tgt Ion: 63 Resp: 273001
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.2 2.3 6.8

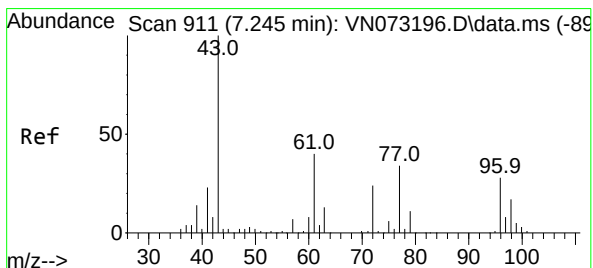
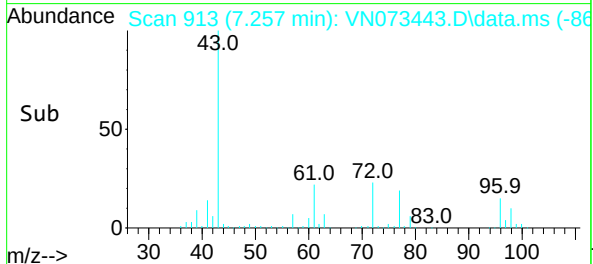
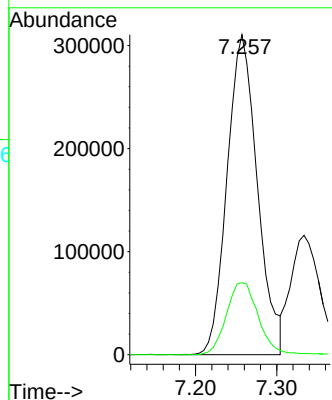
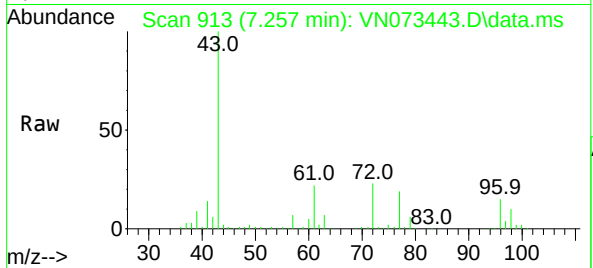




#25
2-Butanone
Concen: 305.534 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

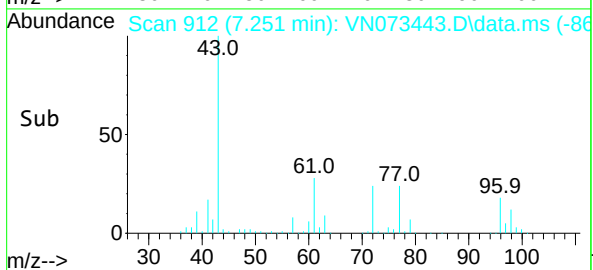
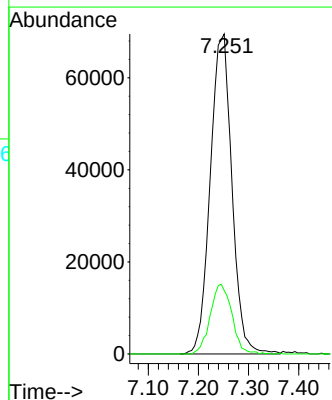
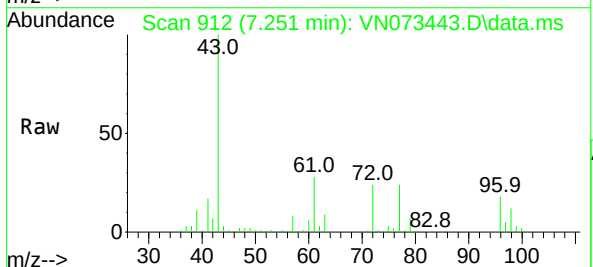
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

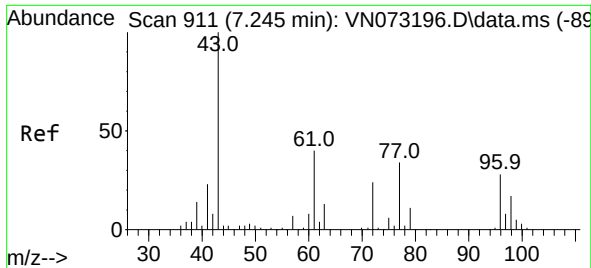
Tgt Ion: 43 Resp: 806256
Ion Ratio Lower Upper
43 100
72 22.5 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 46.040 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 77 Resp: 208572
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2

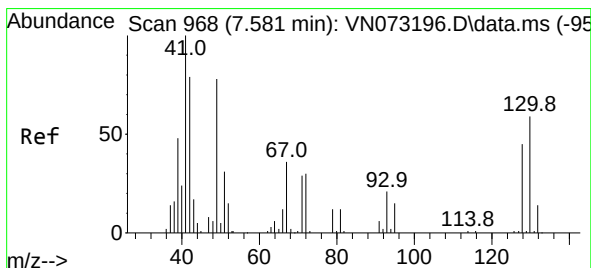
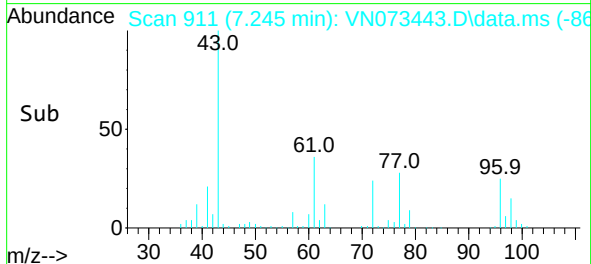
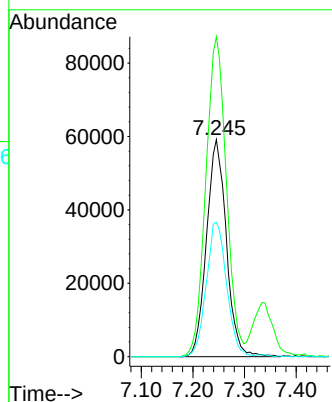
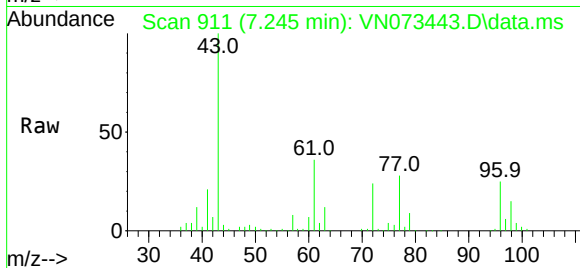




#27
 cis-1,2-Dichloroethene
 Concen: 51.763 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073443.D
 Acq: 13 Jul 2022 11:14

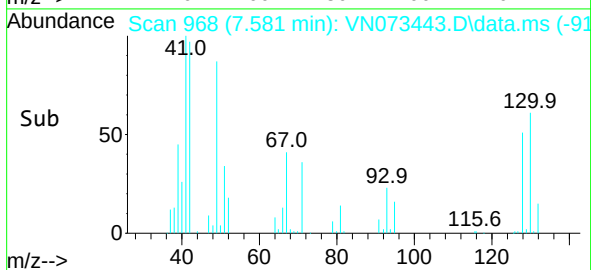
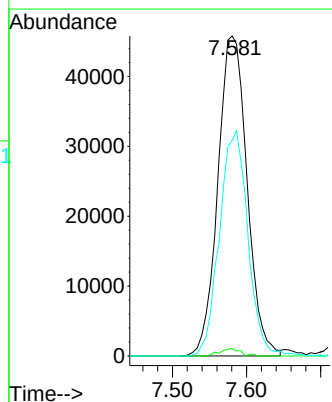
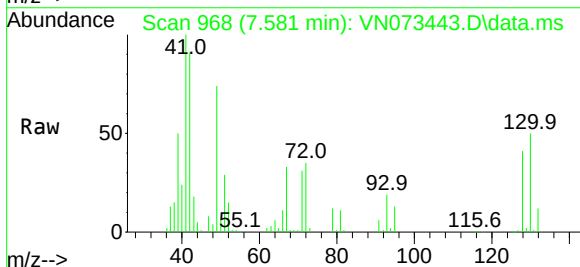
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

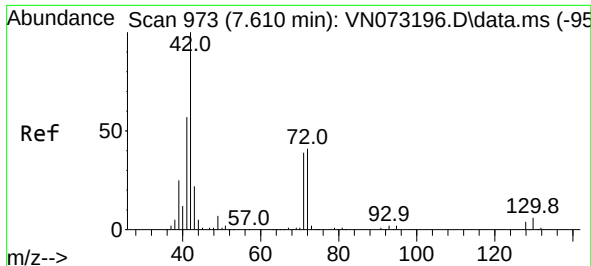
Tgt Ion: 96 Resp: 157710
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 280.6
 98 63.7 0.0 128.4



#28
 Bromochloromethane
 Concen: 61.084 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073443.D
 Acq: 13 Jul 2022 11:14

Tgt Ion: 49 Resp: 125310
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 68.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 295.290 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

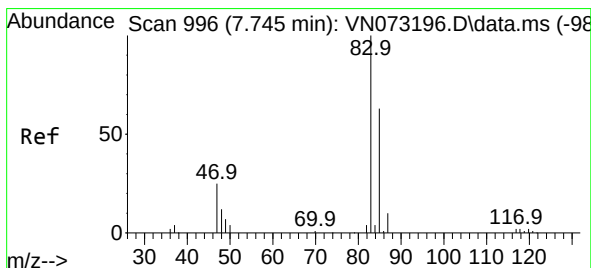
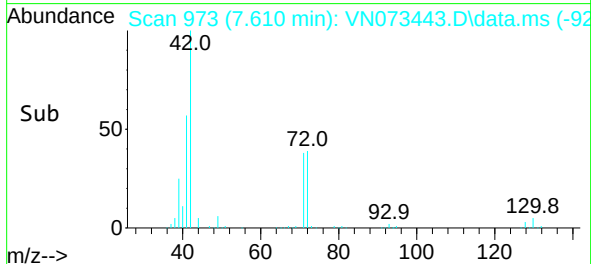
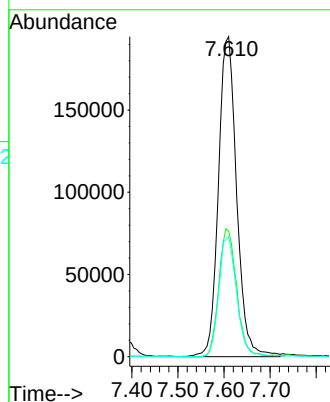
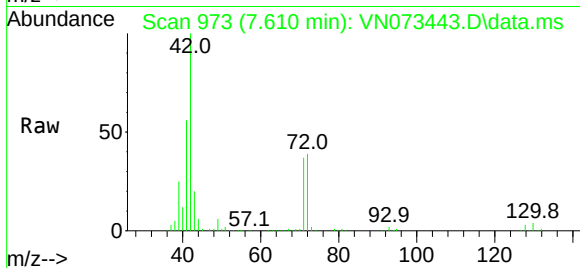
Tgt Ion: 42 Resp: 533550

Ion Ratio Lower Upper

42 100

72 39.2 39.7 59.5#

71 36.8 36.6 55.0



#30

Chloroform

Concen: 56.024 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073443.D

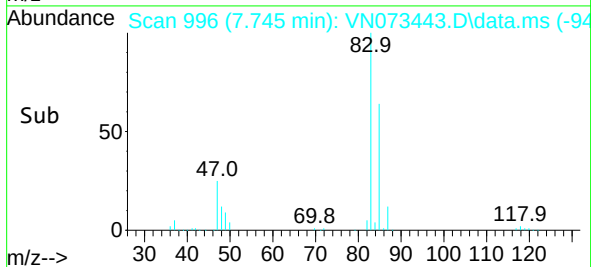
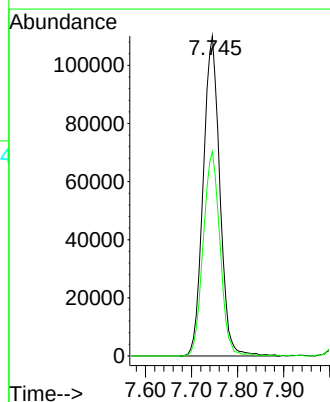
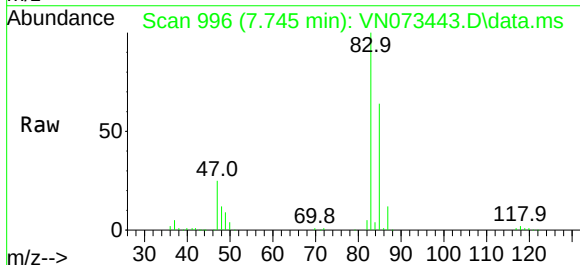
Acq: 13 Jul 2022 11:14

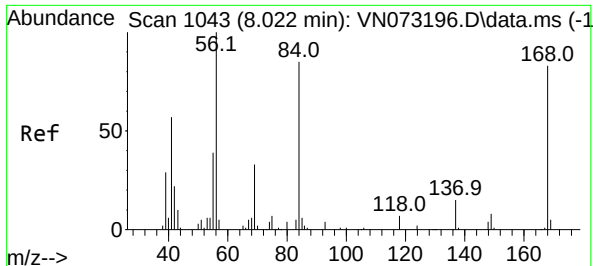
Tgt Ion: 83 Resp: 276392

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.8

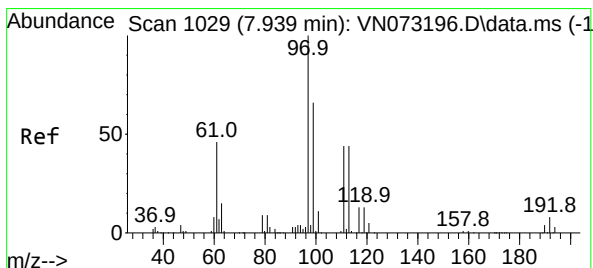
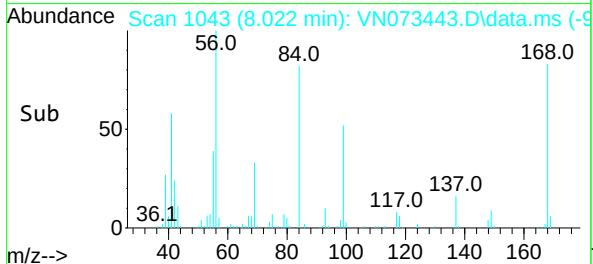
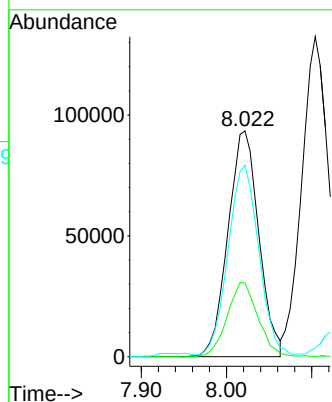
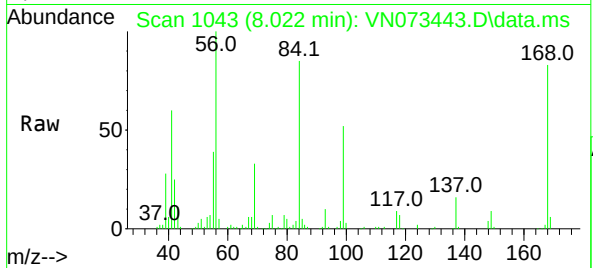




#31
Cyclohexane
Concen: 48.616 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

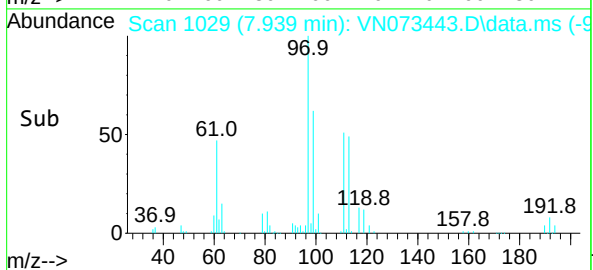
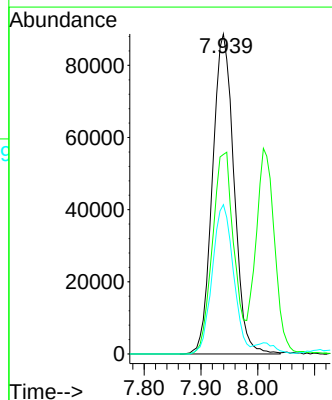
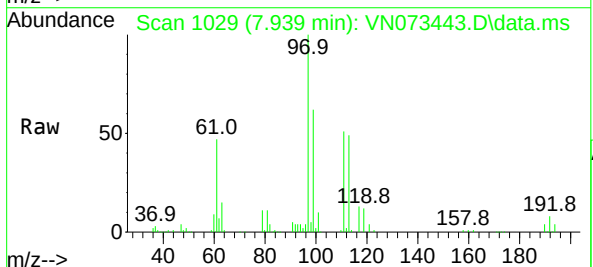
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

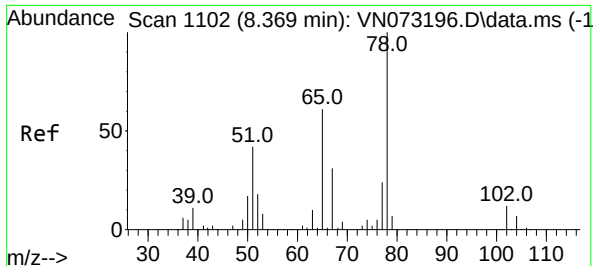
Tgt Ion: 56 Resp: 235104
Ion Ratio Lower Upper
56 100
69 32.7 27.8 41.8
84 83.5 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 53.022 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 97 Resp: 233114
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 45.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.028 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

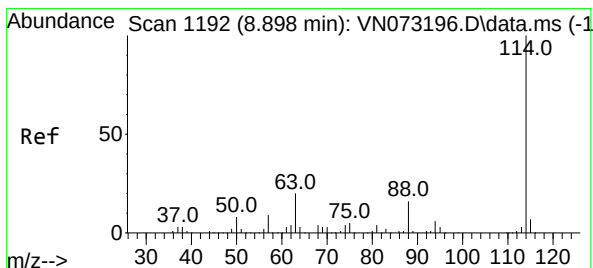
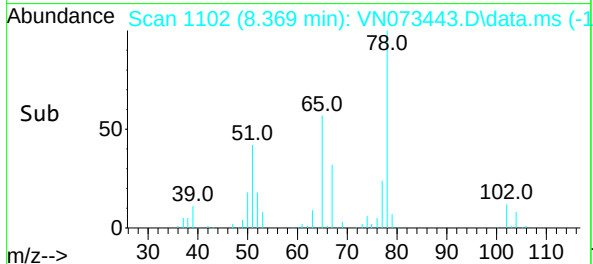
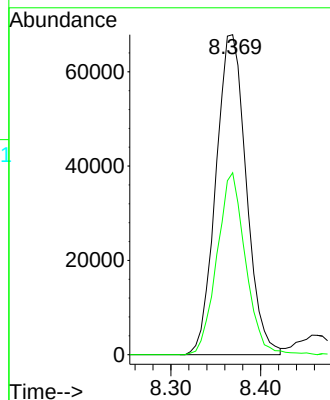
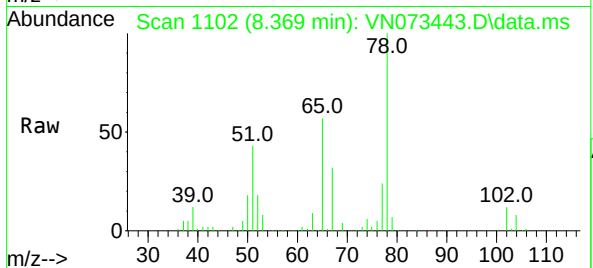
VSTDCCC050

Tgt Ion: 65 Resp: 159532

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

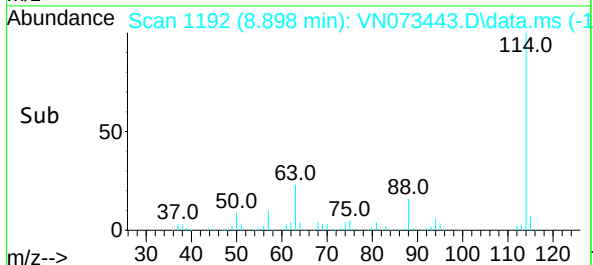
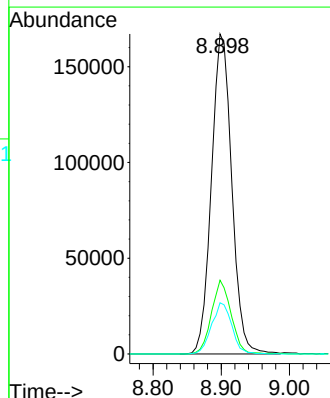
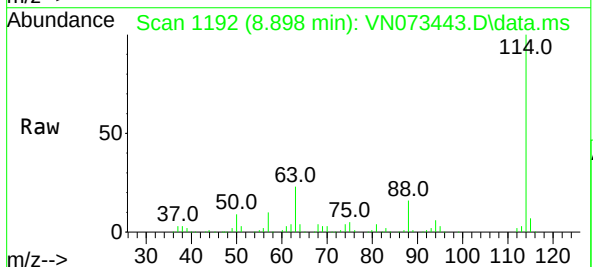
Tgt Ion: 114 Resp: 347190

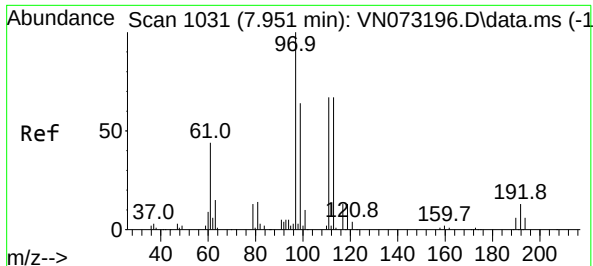
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.627 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

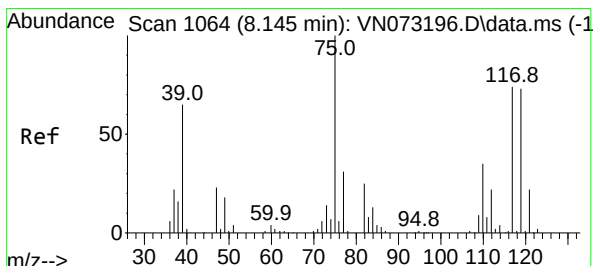
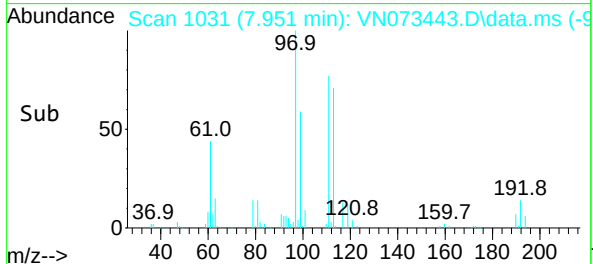
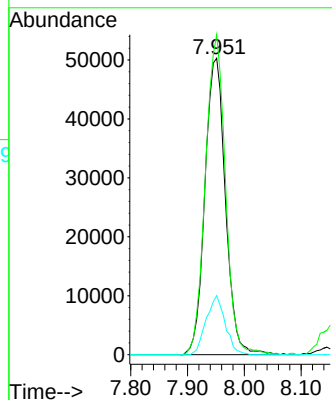
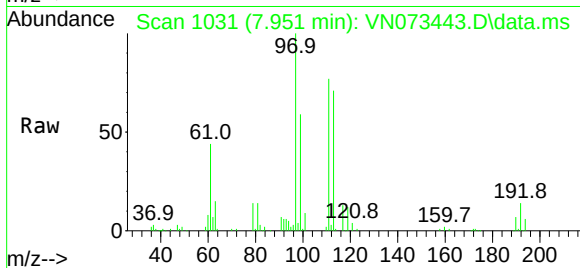
Tgt Ion:113 Resp: 126183

Ion Ratio Lower Upper

113 100

111 105.5 81.4 122.0

192 18.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 54.920 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

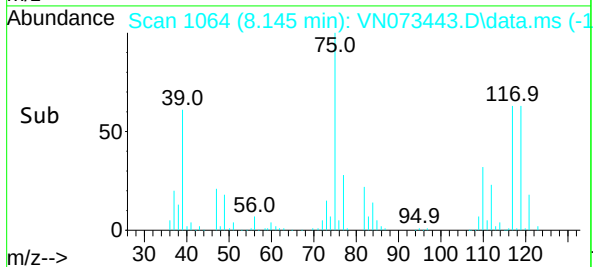
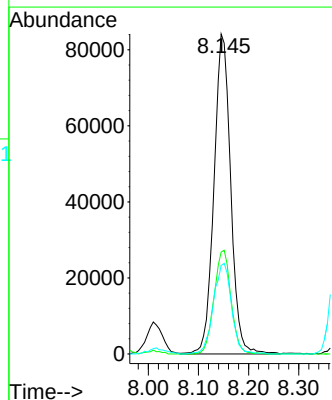
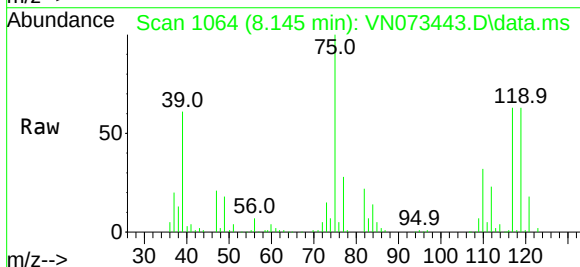
Tgt Ion: 75 Resp: 195200

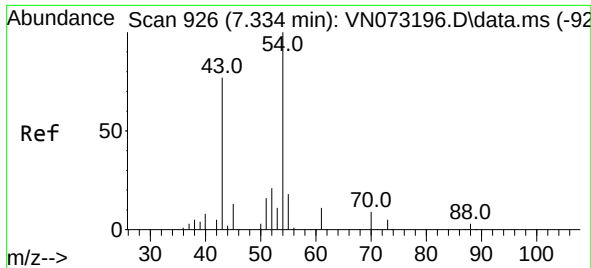
Ion Ratio Lower Upper

75 100

110 32.7 18.3 54.8

77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 55.352 ug/l

RT: 7.334 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

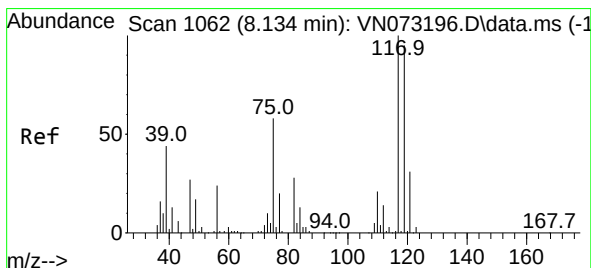
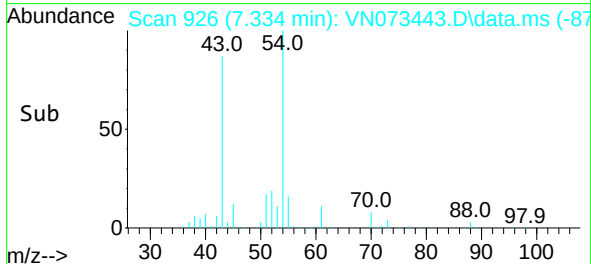
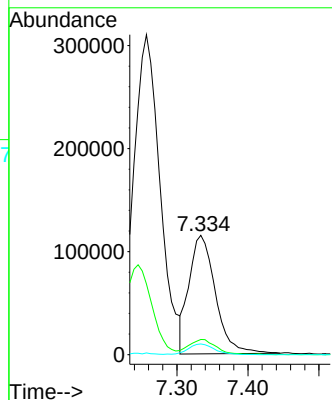
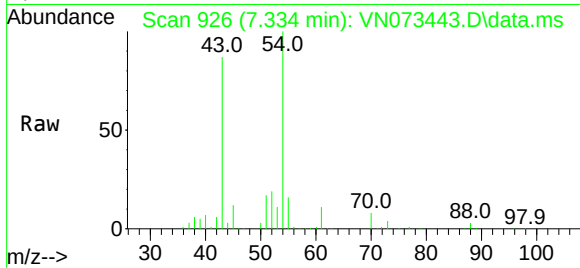
Tgt Ion: 43 Resp: 297260

Ion Ratio Lower Upper

43 100

61 12.6 11.8 17.6

70 9.1 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 52.560 ug/l

RT: 8.128 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

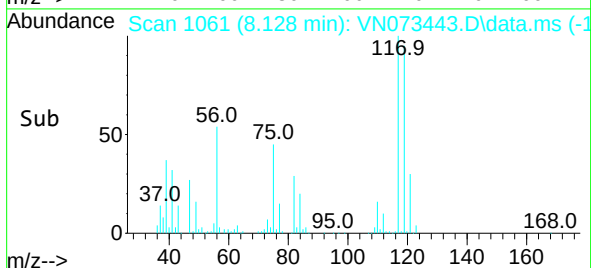
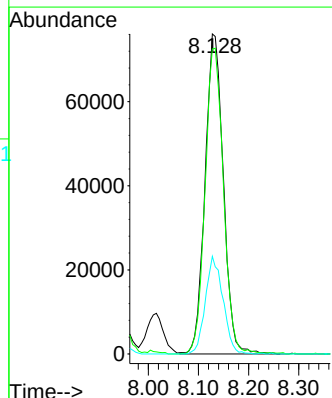
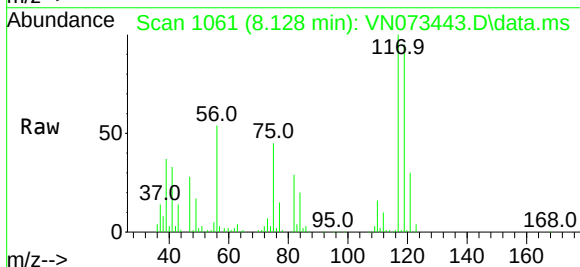
Tgt Ion: 117 Resp: 193187

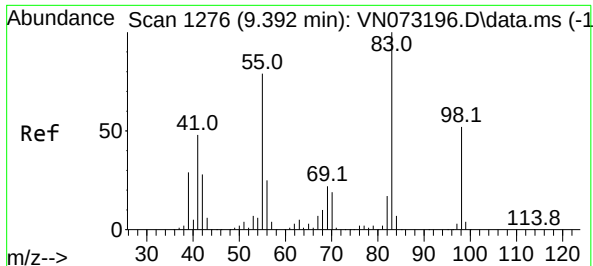
Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

121 30.5 24.6 37.0





#39

Methylcyclohexane

Concen: 50.440 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

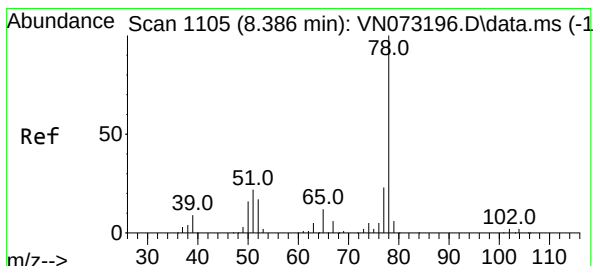
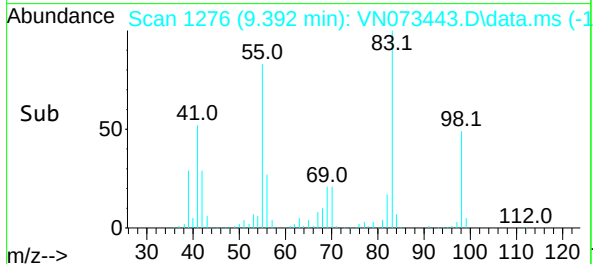
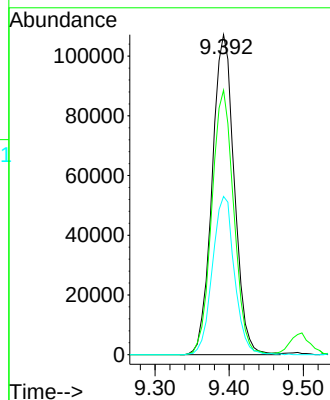
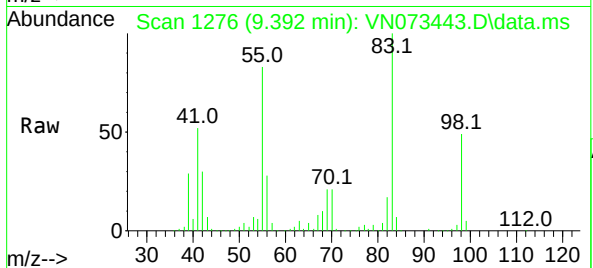
Tgt Ion: 83 Resp: 223197

Ion Ratio Lower Upper

83 100

55 82.7 57.8 86.8

98 49.4 39.4 59.2



#40

Benzene

Concen: 54.863 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073443.D

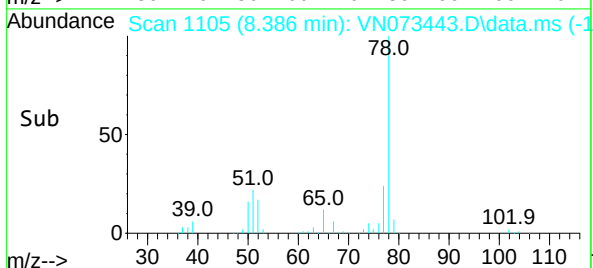
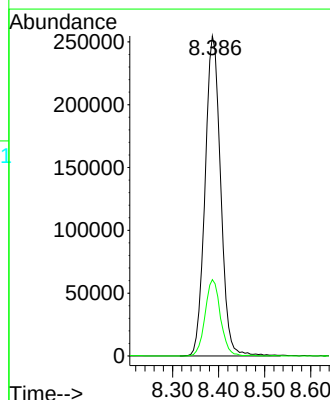
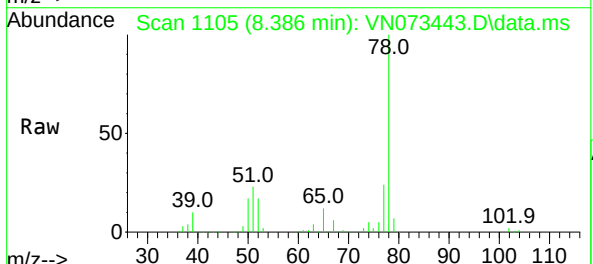
Acq: 13 Jul 2022 11:14

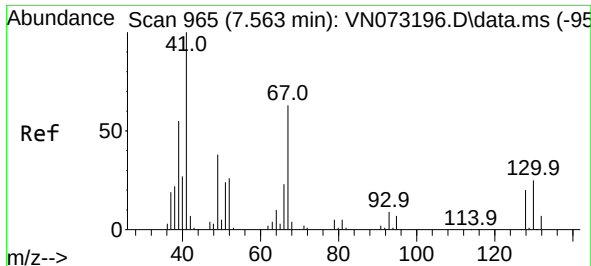
Tgt Ion: 78 Resp: 601792

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

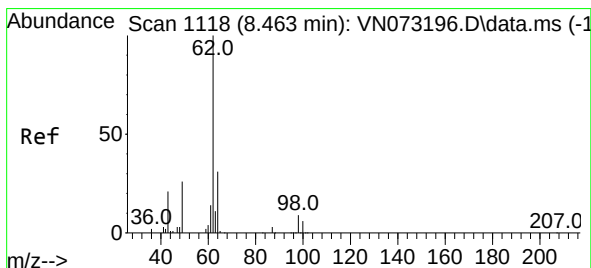
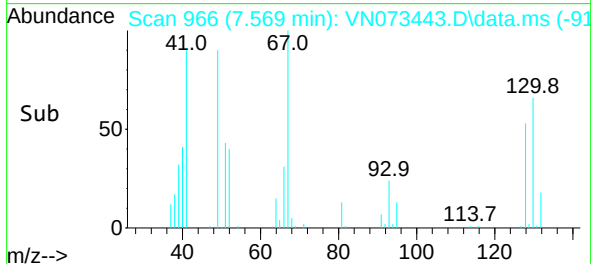
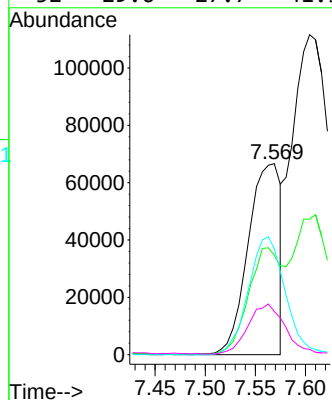
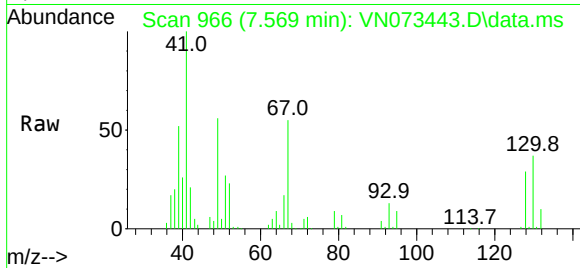




#41
Methacrylonitrile
Concen: 57.581 ug/l
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

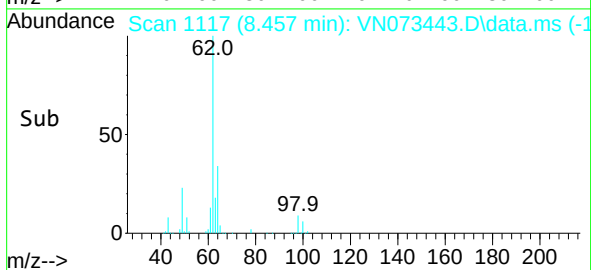
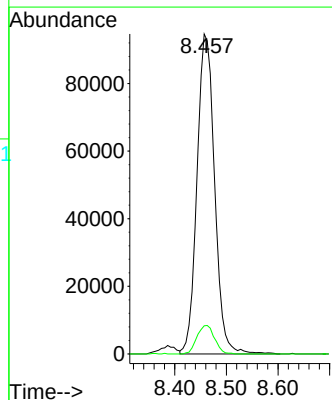
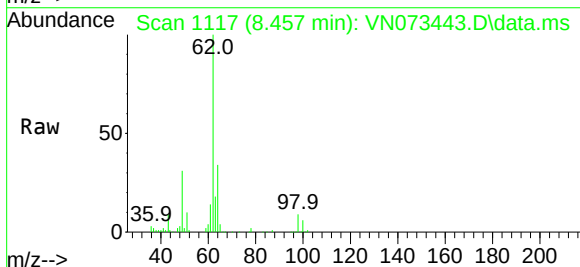
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

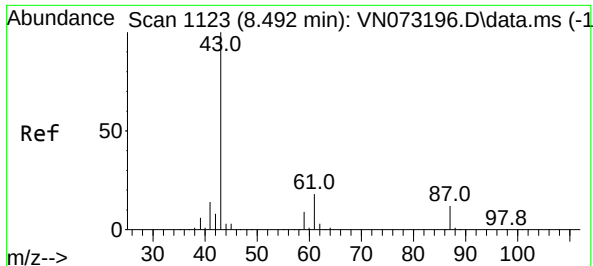
Tgt Ion: 41 Resp: 149973
Ion Ratio Lower Upper
41 100
39 60.4 48.6 73.0
67 70.7 73.4 110.2#
52 29.6 27.7 41.5



#42
1,2-Dichloroethane
Concen: 56.379 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 62 Resp: 224173
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4

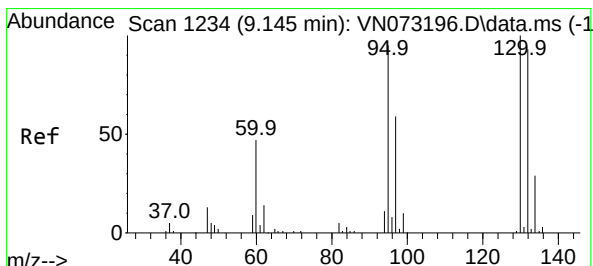
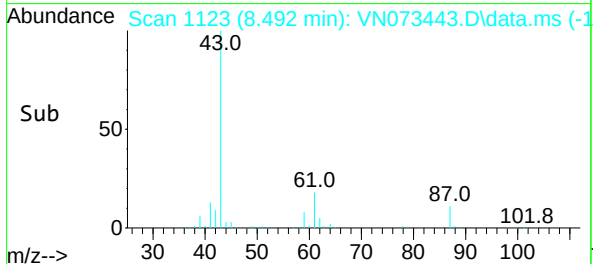
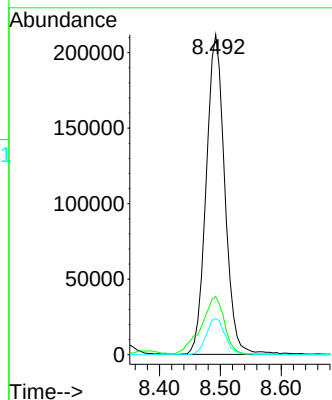
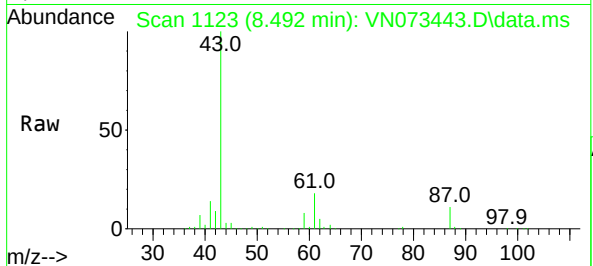




#43
Isopropyl Acetate
Concen: 58.028 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

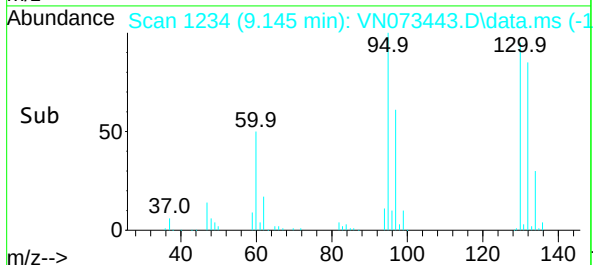
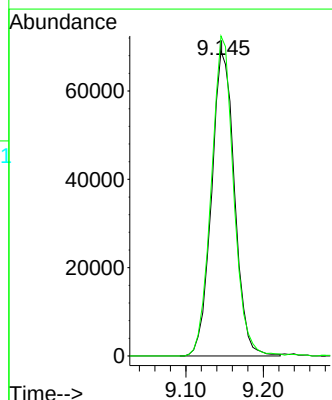
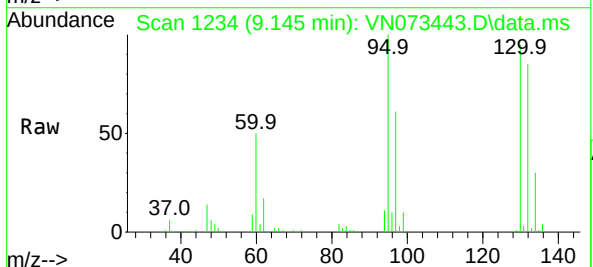
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

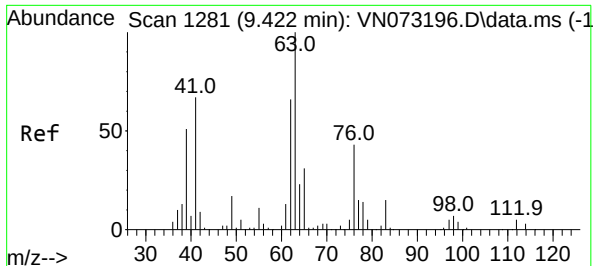
Tgt Ion: 43 Resp: 447872
Ion Ratio Lower Upper
43 100
61 22.8 21.9 32.9
87 11.6 12.0 18.0#



#44
Trichloroethene
Concen: 51.109 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion:130 Resp: 142666
Ion Ratio Lower Upper
130 100
95 105.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 57.797 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

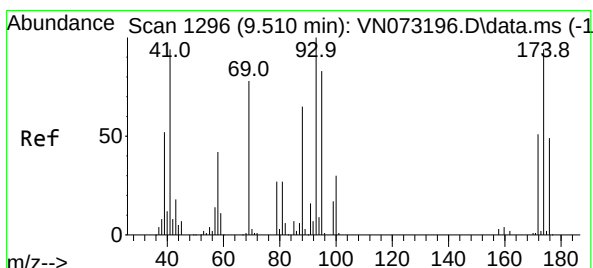
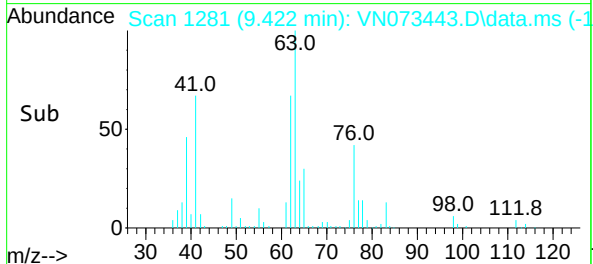
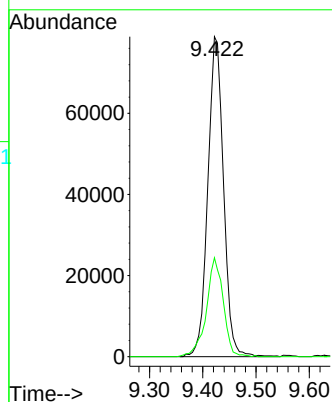
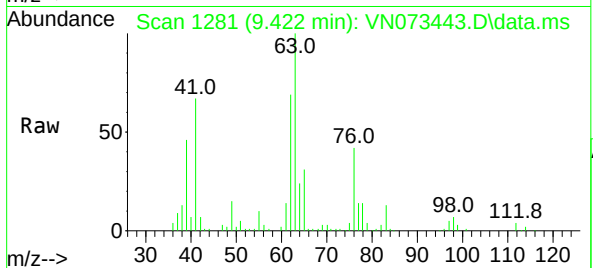
VSTDCCC050

Tgt Ion: 63 Resp: 161588

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 55.185 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

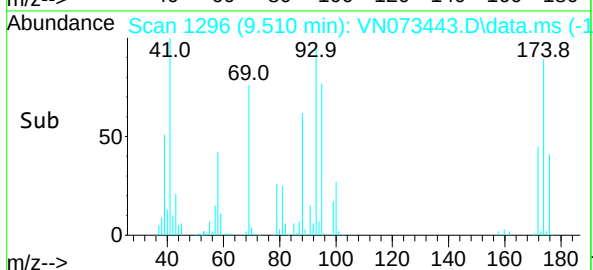
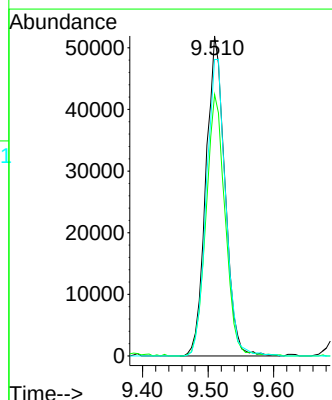
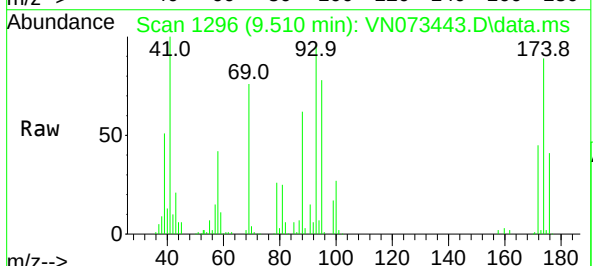
Tgt Ion: 93 Resp: 104759

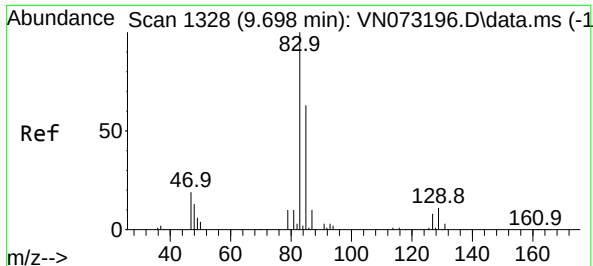
Ion Ratio Lower Upper

93 100

95 81.9 66.9 100.3

174 94.2 86.6 130.0

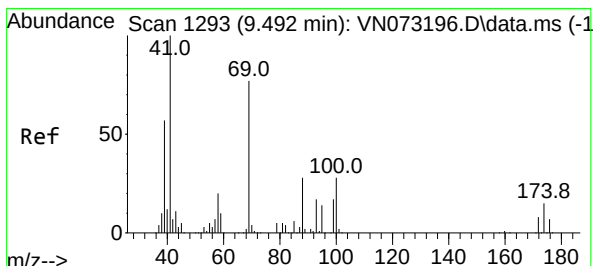
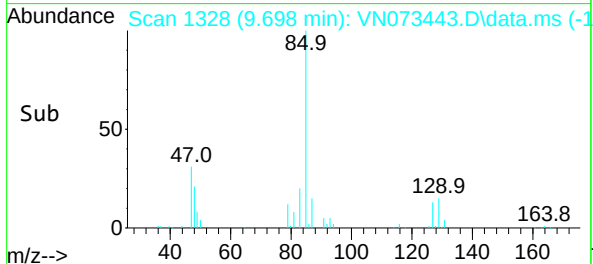
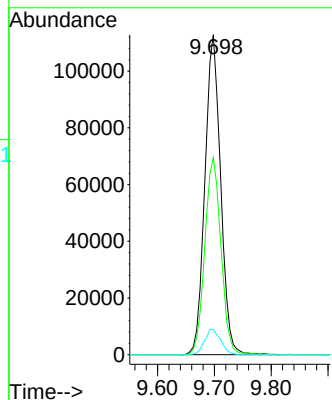
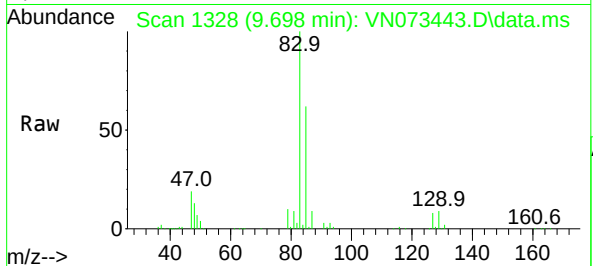




#47
Bromodichloromethane
Concen: 58.949 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

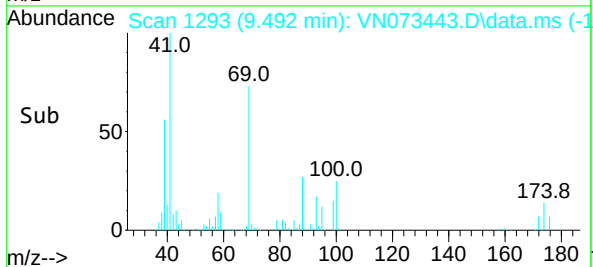
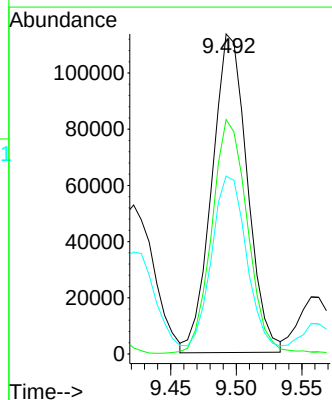
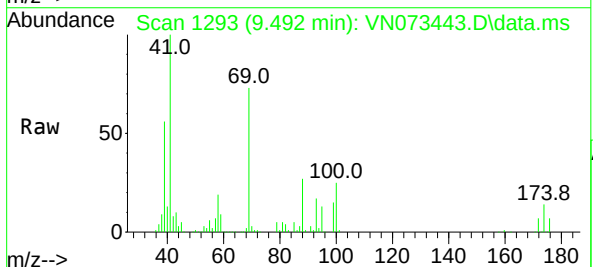
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

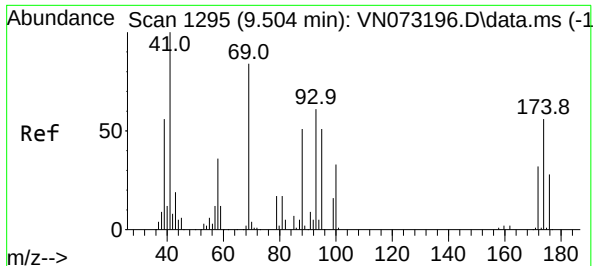
Tgt Ion: 83 Resp: 216735
Ion Ratio Lower Upper
83 100
85 61.6 50.5 75.7
127 7.8 6.8 10.2



#48
Methyl methacrylate
Concen: 59.527 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 41 Resp: 212726
Ion Ratio Lower Upper
41 100
69 74.4 74.7 112.1#
39 56.6 45.6 68.4

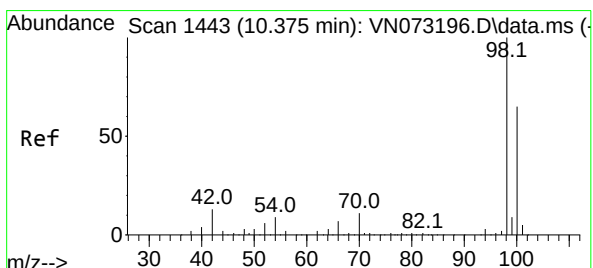
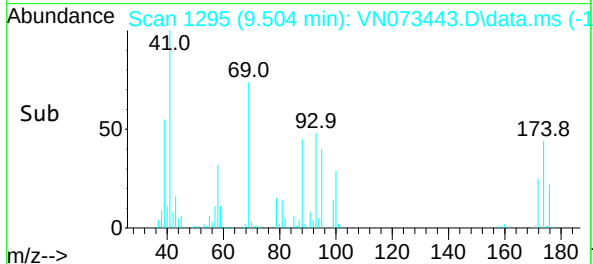
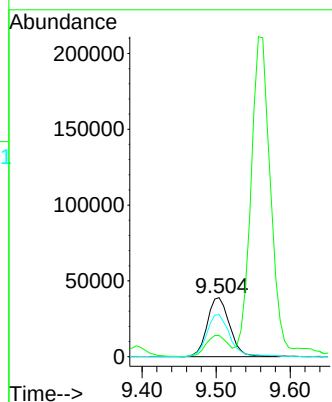
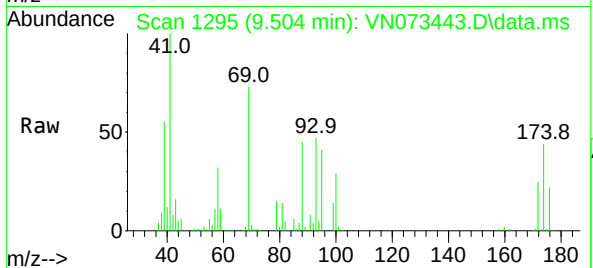




#49
1,4-Dioxane
Concen: 1207.638 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

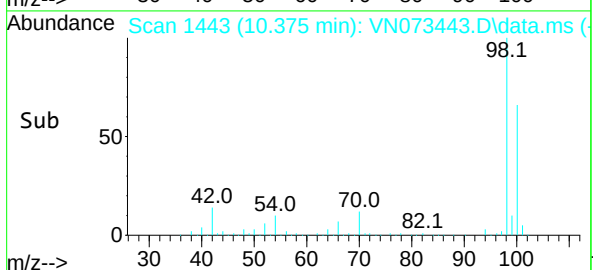
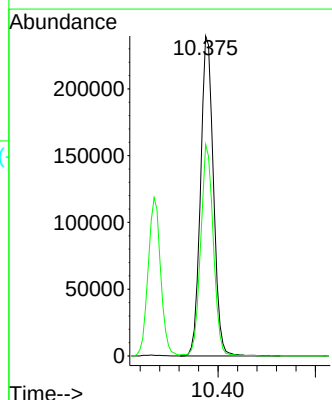
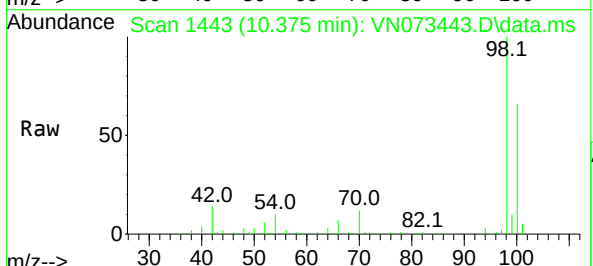
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

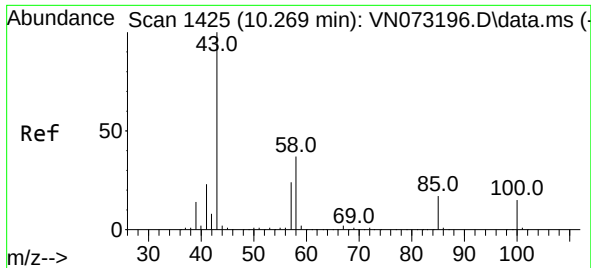
Tgt Ion: 88 Resp: 81927
Ion Ratio Lower Upper
88 100
43 34.0 20.2 30.4#
58 73.8 54.2 81.4



#50
Toluene-d8
Concen: 53.825 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 98 Resp: 441578
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

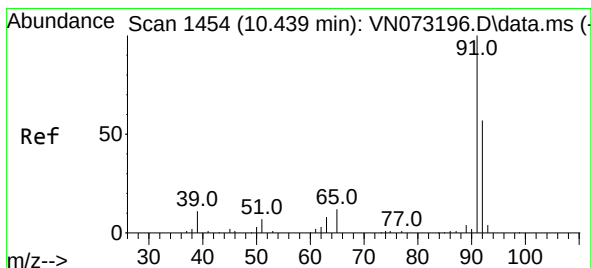
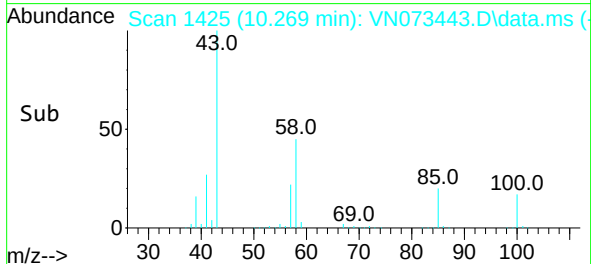
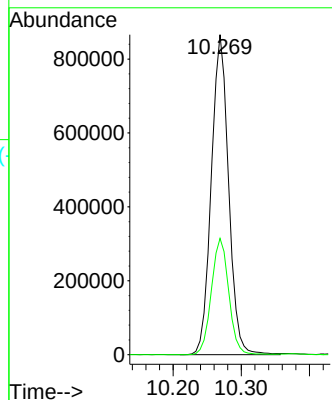
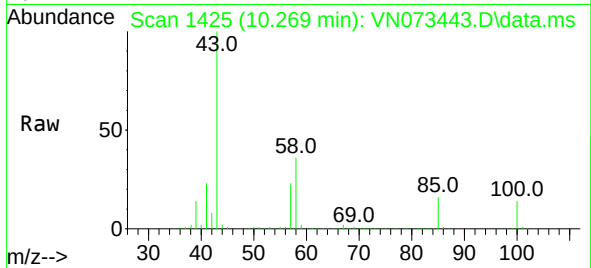




#51
4-Methyl-2-Pentanone
Concen: 312.315 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

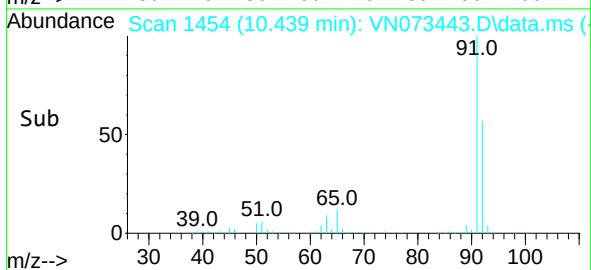
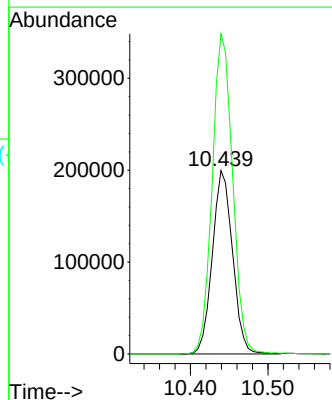
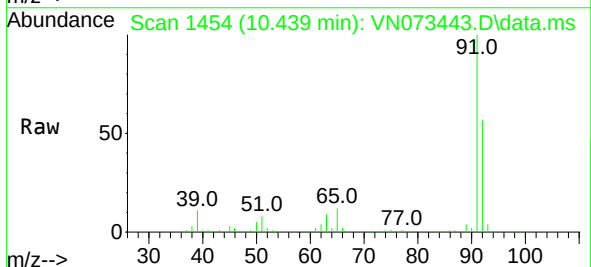
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

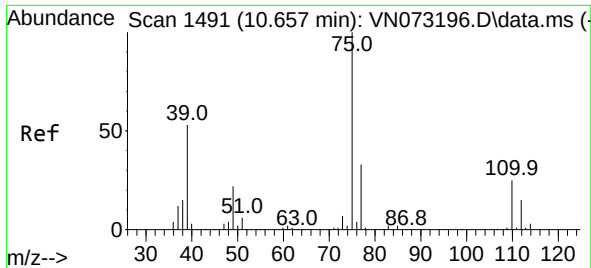
Tgt Ion: 43 Resp: 1528632
Ion Ratio Lower Upper
43 100
58 36.5 34.1 51.1



#52
Toluene
Concen: 53.416 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 92 Resp: 362099
Ion Ratio Lower Upper
92 100
91 176.9 138.6 207.8

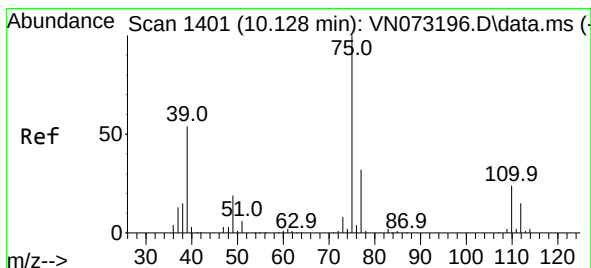
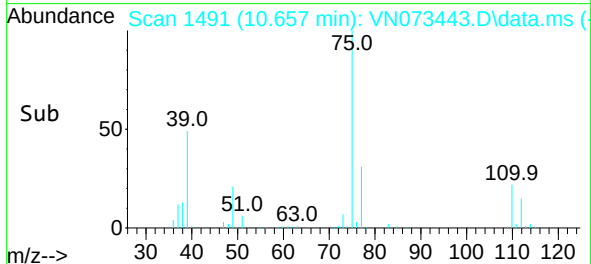
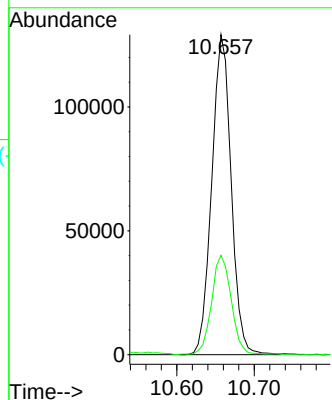
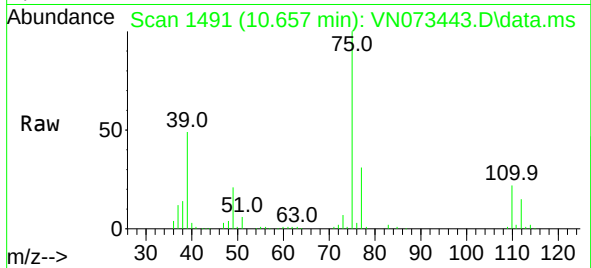




#53
t-1,3-Dichloropropene
Concen: 55.678 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

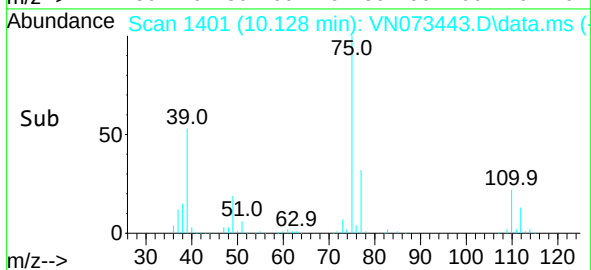
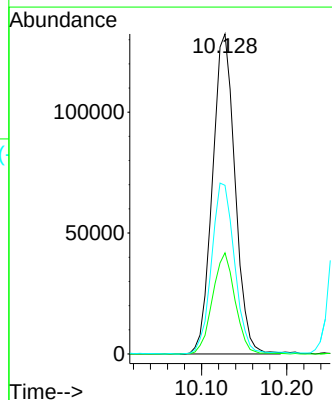
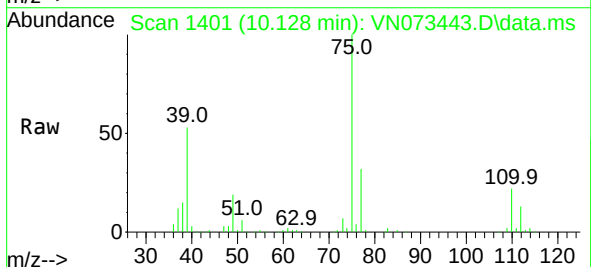
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

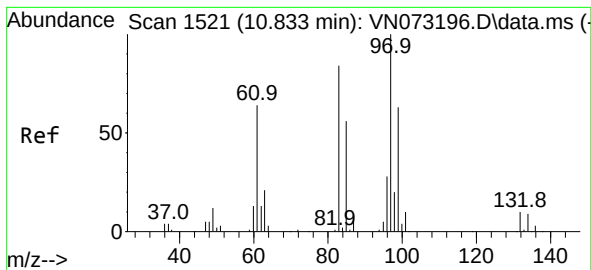
Tgt Ion: 75 Resp: 225355
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 55.778 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 75 Resp: 243731
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 52.7 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 55.527 ug/l

RT: 10.839 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 154961

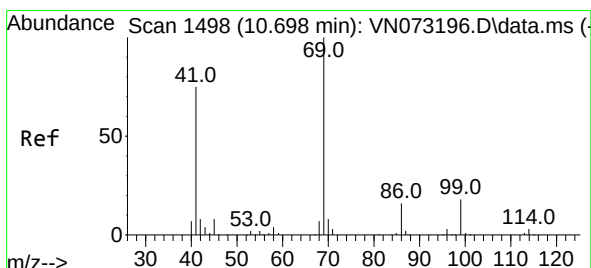
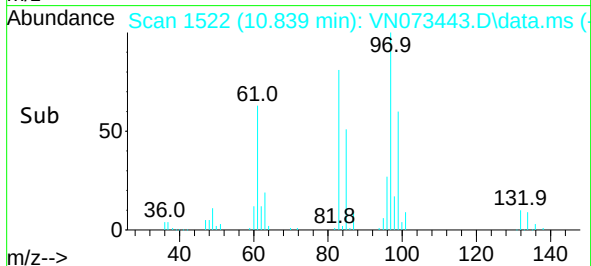
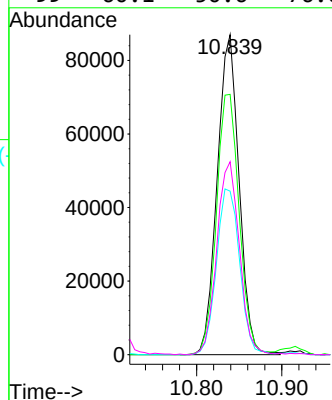
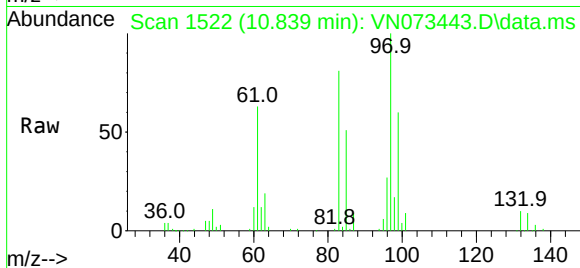
Ion Ratio Lower Upper

97 100

83 81.4 66.2 99.4

85 51.1 43.9 65.9

99 60.1 50.6 76.0



#56

Ethyl methacrylate

Concen: 56.102 ug/l

RT: 10.698 min Scan# 1498

Delta R.T. 0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

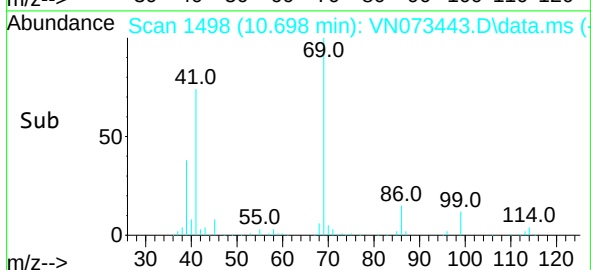
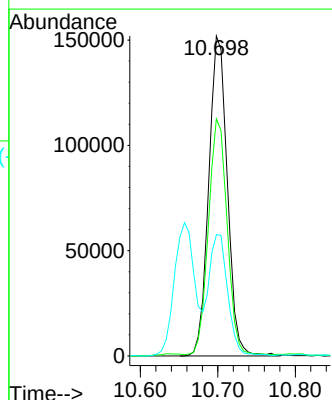
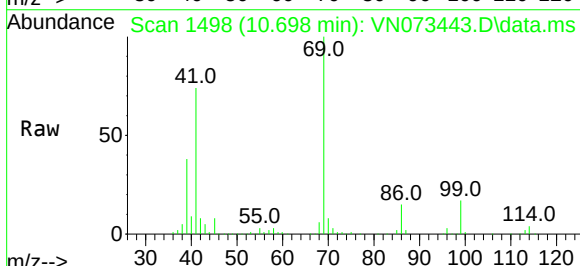
Tgt Ion: 69 Resp: 253059

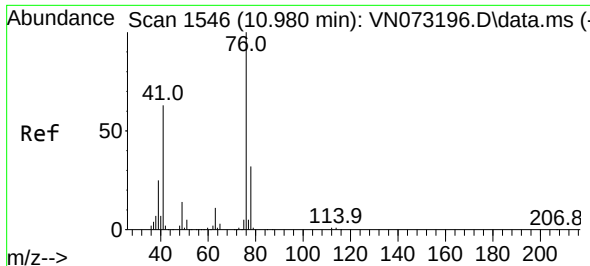
Ion Ratio Lower Upper

69 100

41 73.8 47.8 71.6#

39 37.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 56.059 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

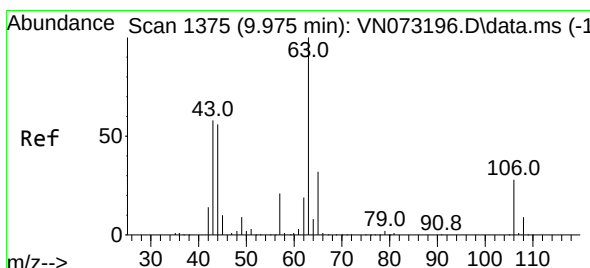
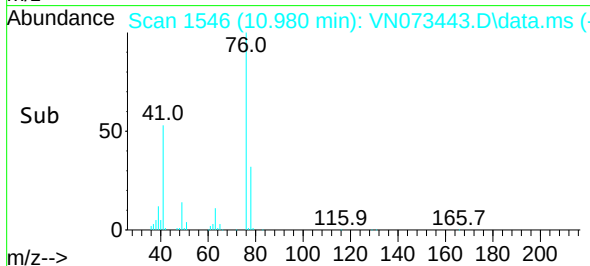
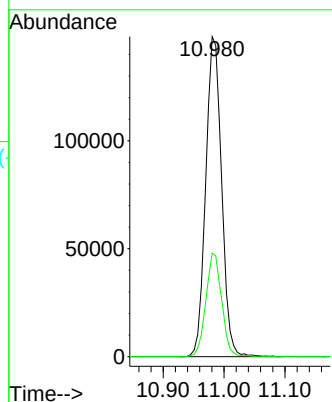
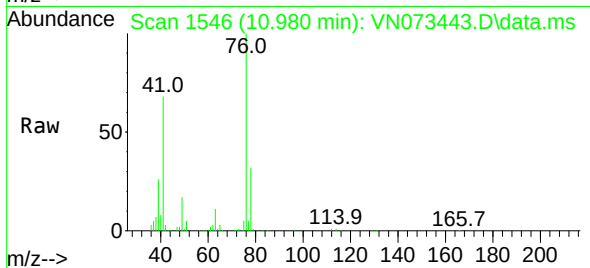
VSTDCCC050

Tgt Ion: 76 Resp: 268186

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 292.233 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073443.D

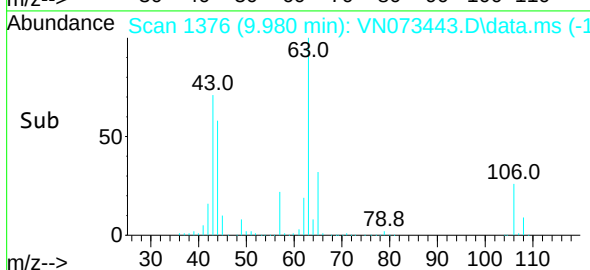
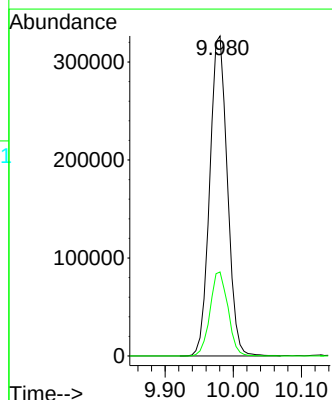
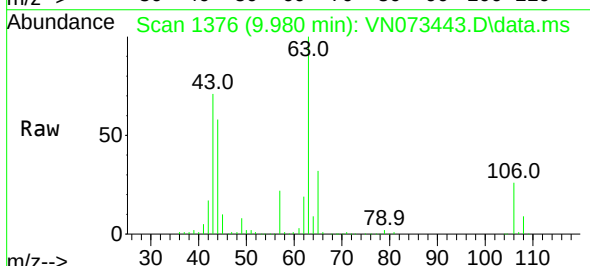
Acq: 13 Jul 2022 11:14

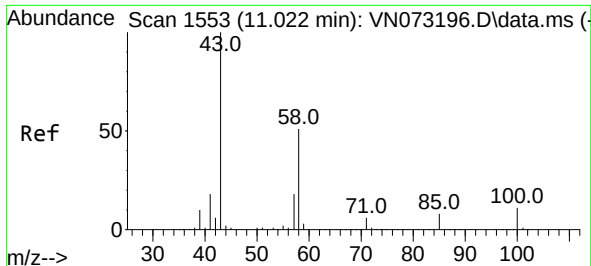
Tgt Ion: 63 Resp: 587882

Ion Ratio Lower Upper

63 100

106 26.6 24.6 36.8

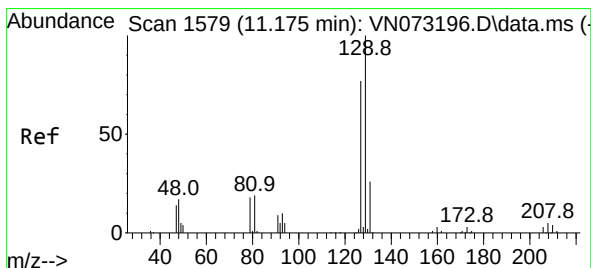
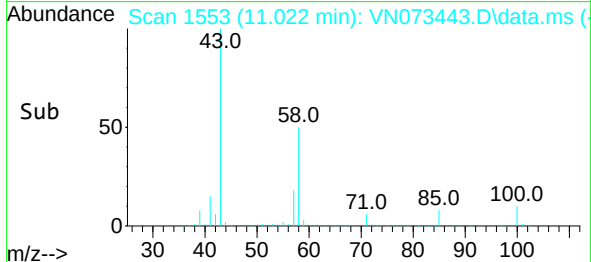
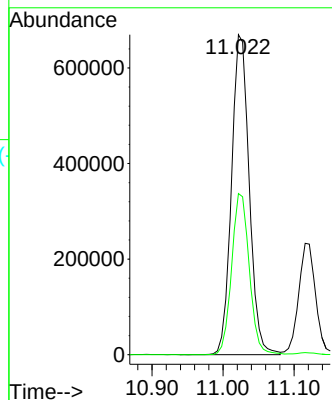
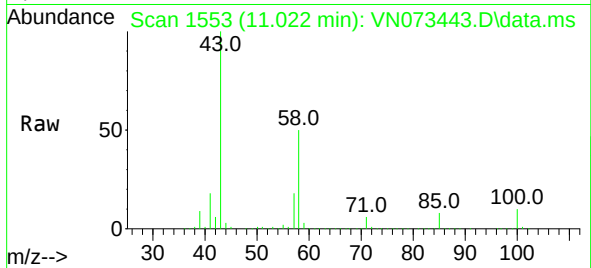




#59
2-Hexanone
Concen: 311.181 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

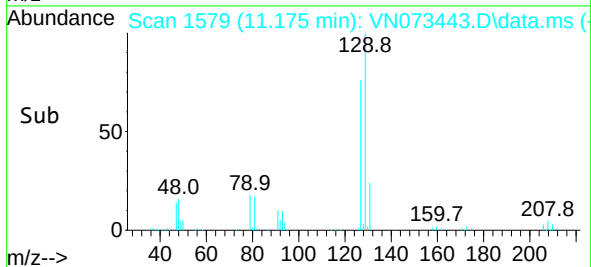
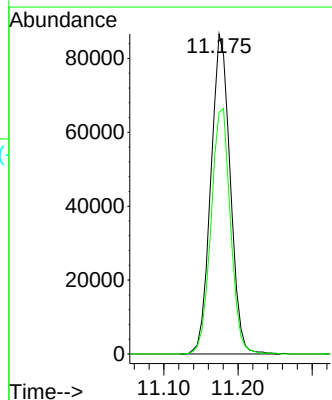
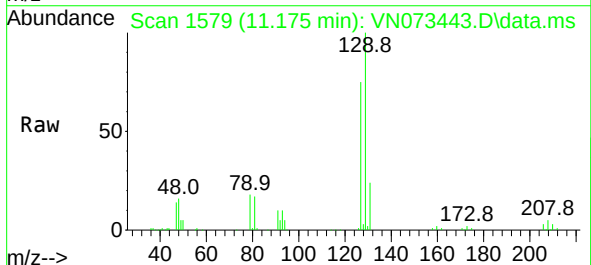
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

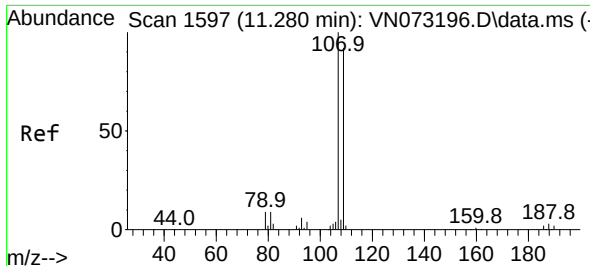
Tgt Ion: 43 Resp: 1161002
Ion Ratio Lower Upper
43 100
58 50.5 29.7 89.1



#60
Dibromochloromethane
Concen: 59.079 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion:129 Resp: 157193
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4

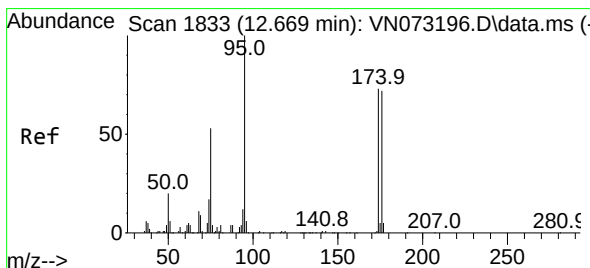
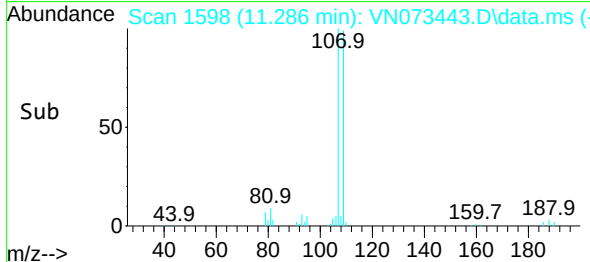
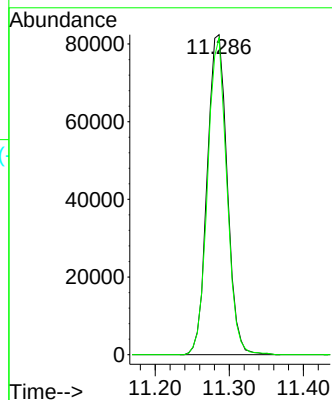
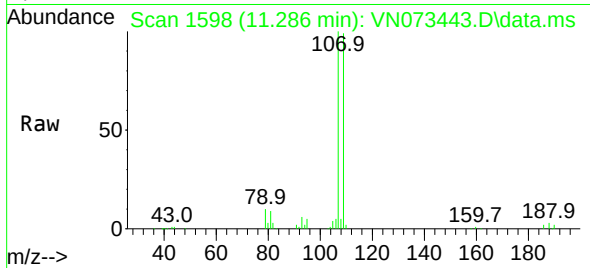




#61
1,2-Dibromoethane
Concen: 55.330 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

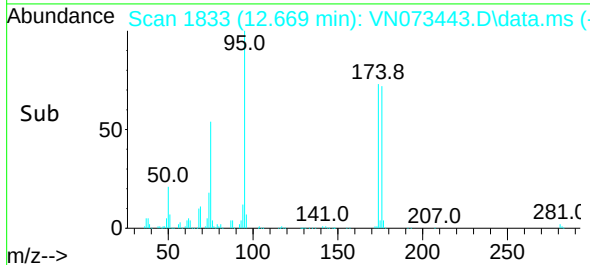
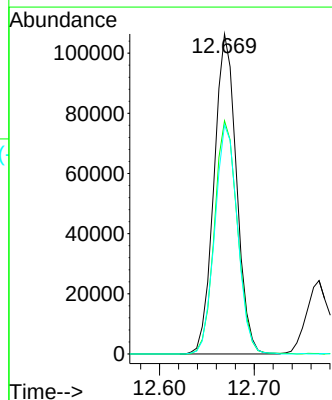
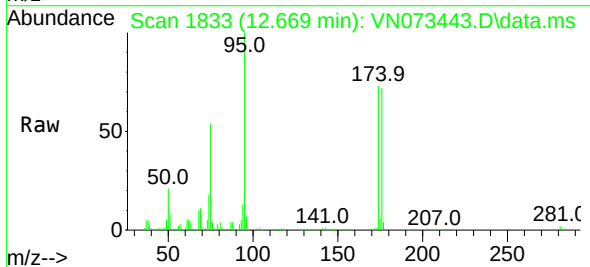
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

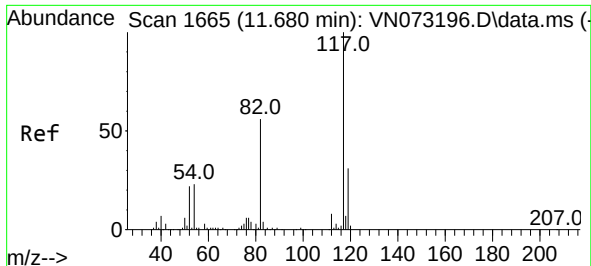
Tgt Ion:107 Resp: 154232
Ion Ratio Lower Upper
107 100
109 95.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 55.654 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 95 Resp: 175464
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 72.3 0.0 163.4

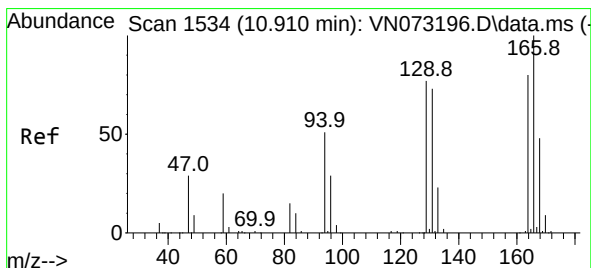
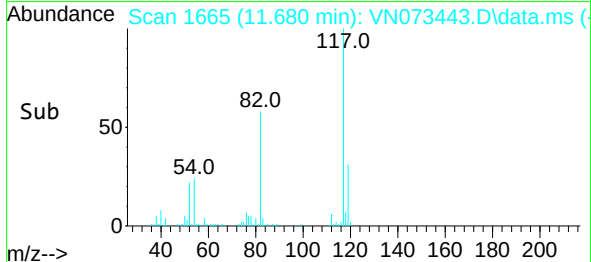
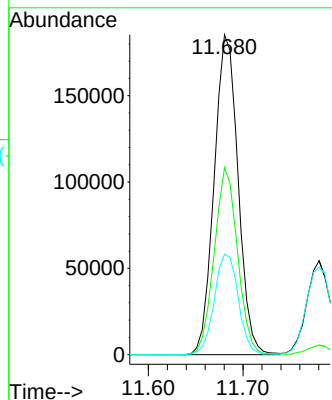
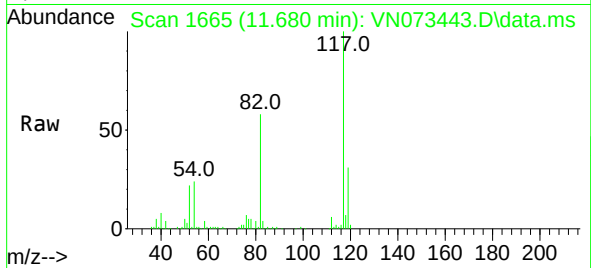




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

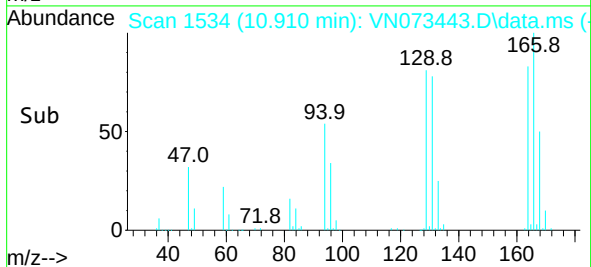
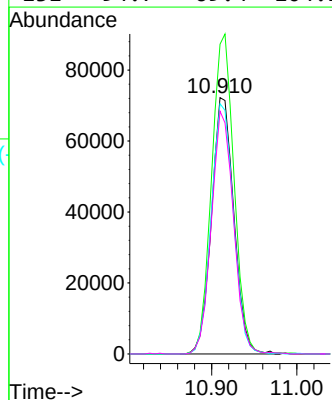
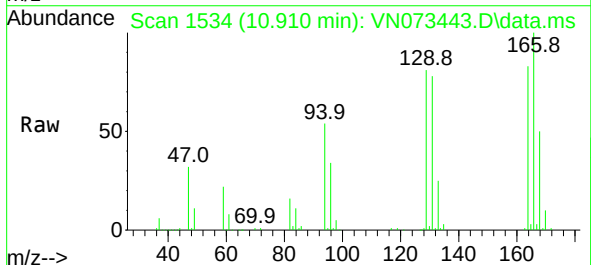
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

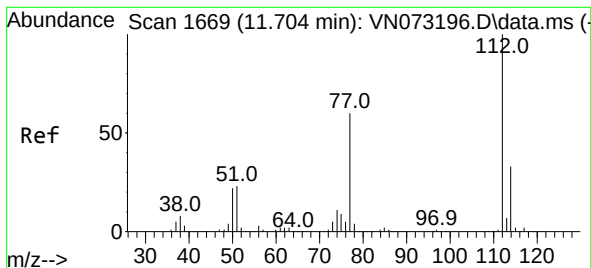
Tgt Ion:117 Resp: 325427
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 49.537 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion:164 Resp: 131638
Ion Ratio Lower Upper
164 100
166 120.9 104.2 156.2
129 97.6 73.9 110.9
131 94.7 69.4 104.2





#65

Chlorobenzene

Concen: 51.598 ug/l

RT: 11.710 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

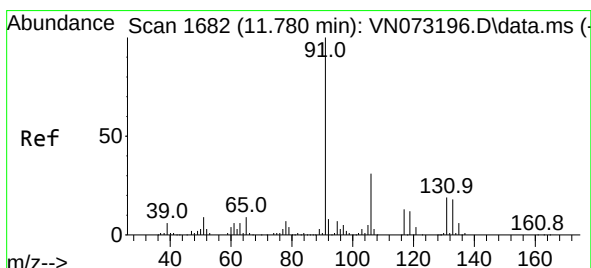
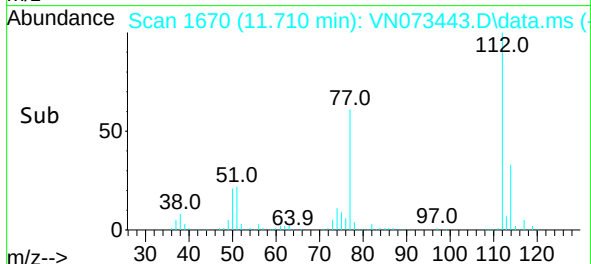
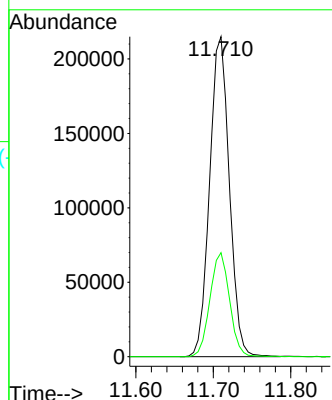
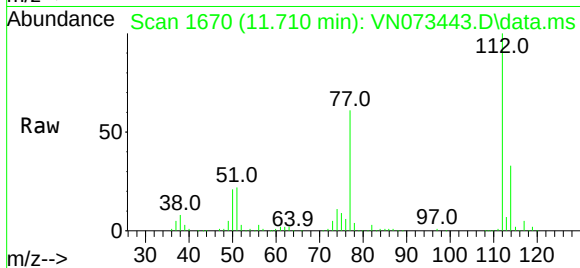
VSTDCCC050

Tgt Ion:112 Resp: 379759

Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.075 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

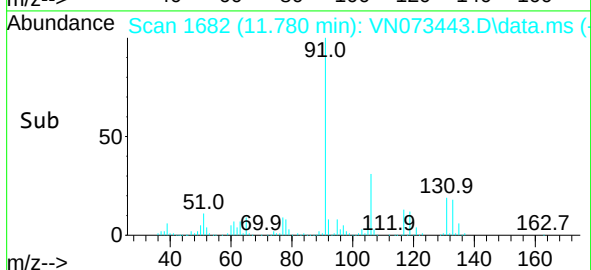
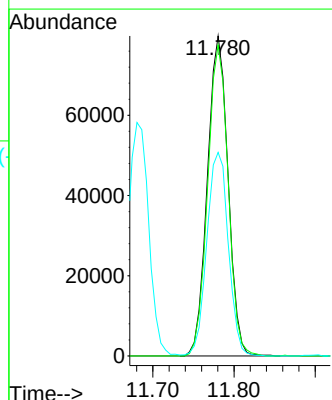
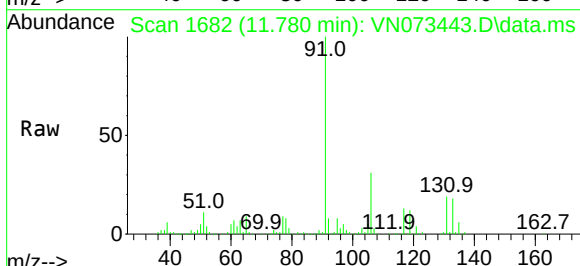
Tgt Ion:131 Resp: 140973

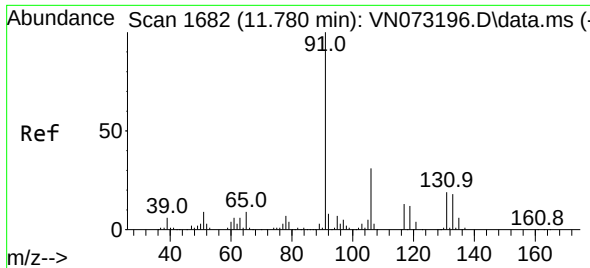
Ion Ratio Lower Upper

131 100

133 96.2 47.8 143.4

119 66.2 33.4 100.2

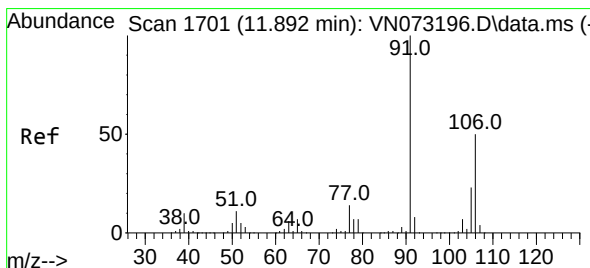
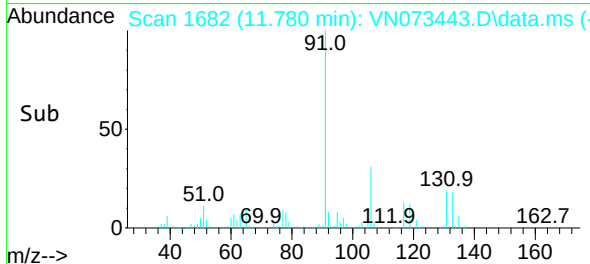
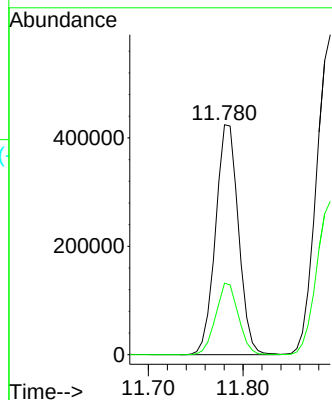
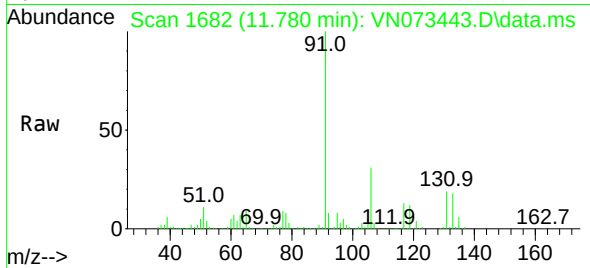




#67
Ethyl Benzene
Concen: 53.561 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

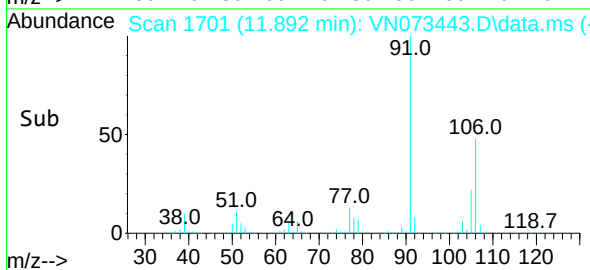
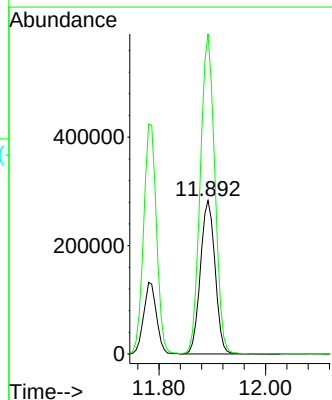
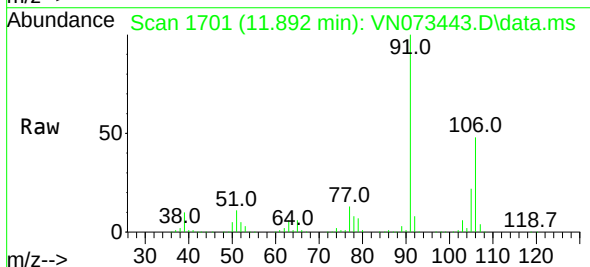
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

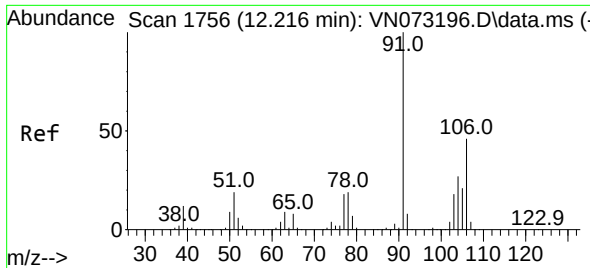
Tgt Ion: 91 Resp: 715674
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 107.229 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 106 Resp: 540727
Ion Ratio Lower Upper
106 100
91 206.1 158.9 238.3

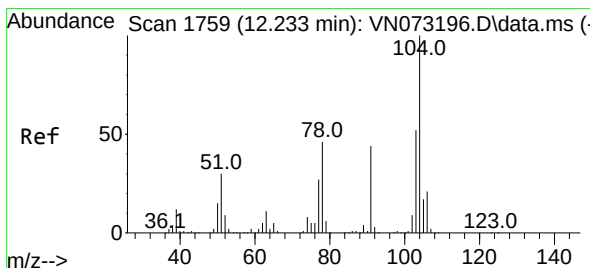
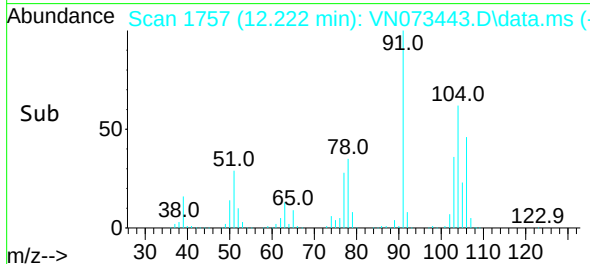
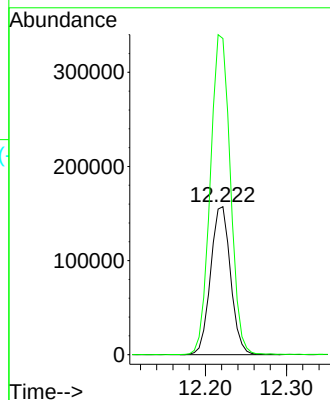
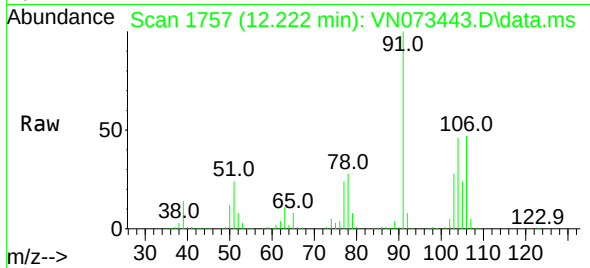




#69
o-Xylene
Concen: 52.183 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

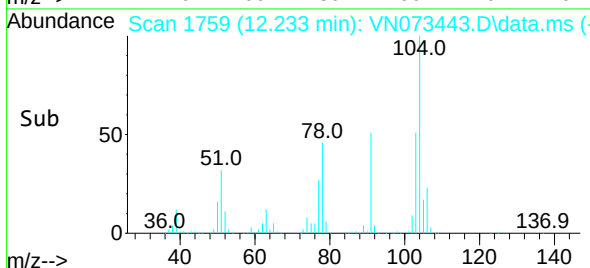
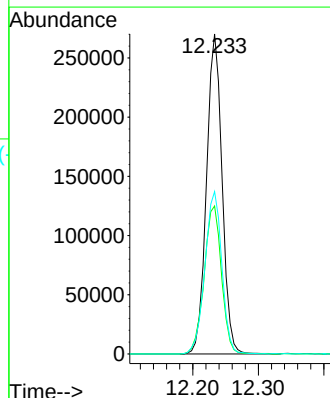
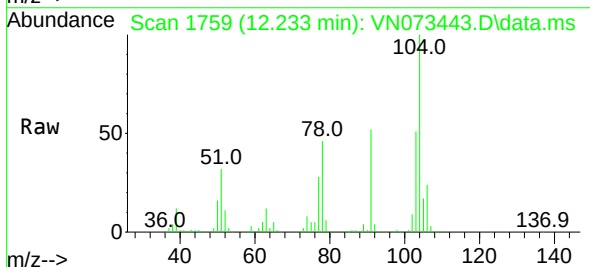
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

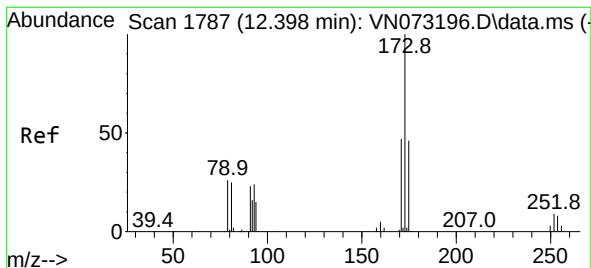
Tgt Ion:106 Resp: 268635
Ion Ratio Lower Upper
106 100
91 217.9 106.0 318.0



#70
Styrene
Concen: 56.262 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion:104 Resp: 447172
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 55.3 44.0 66.0





#71

Bromoform

Concen: 57.002 ug/l

RT: 12.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

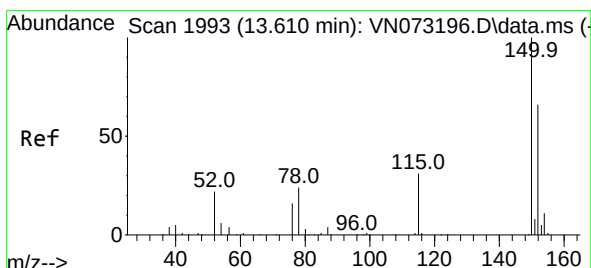
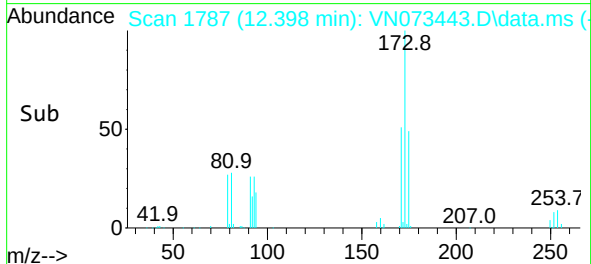
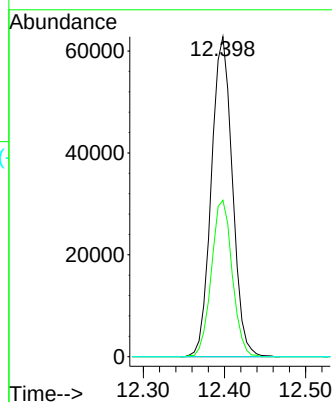
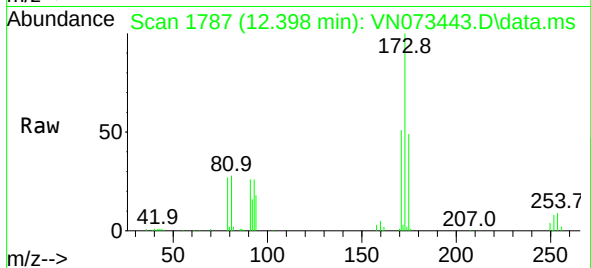
Tgt Ion:173 Resp: 112913

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

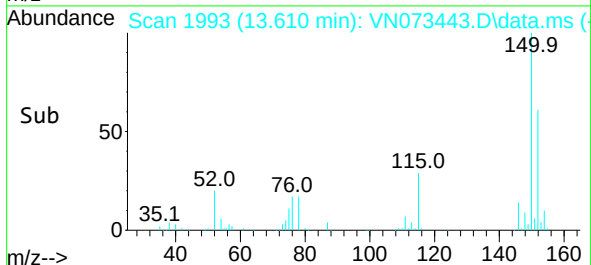
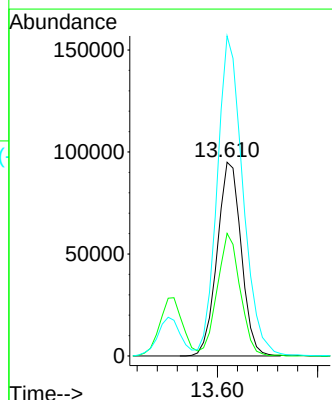
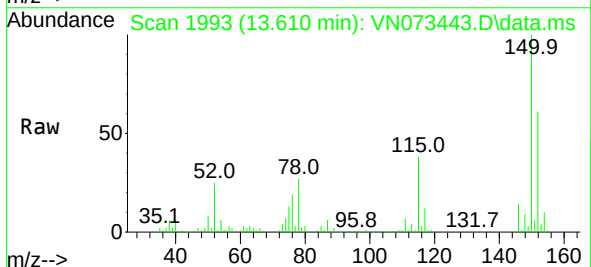
Tgt Ion:152 Resp: 158322

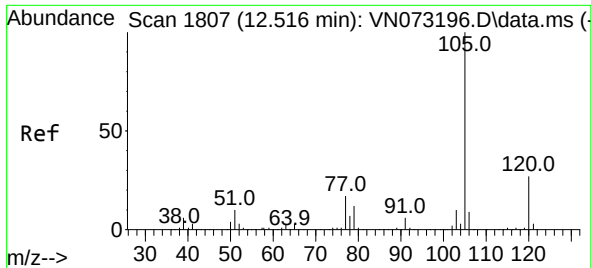
Ion Ratio Lower Upper

152 100

115 60.4 28.9 86.7

150 177.2 0.0 356.2

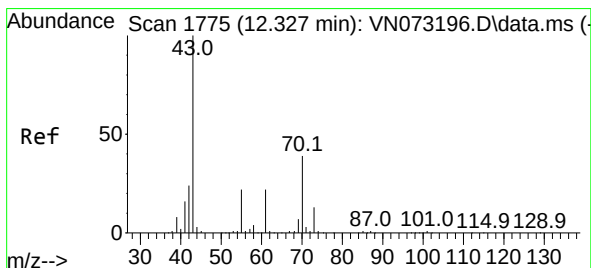
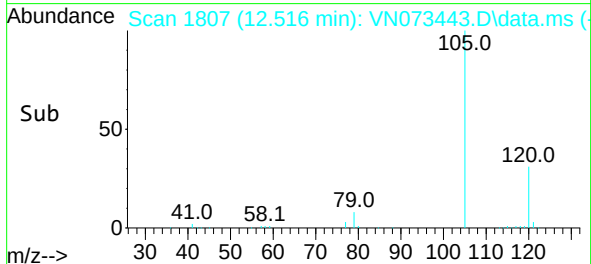
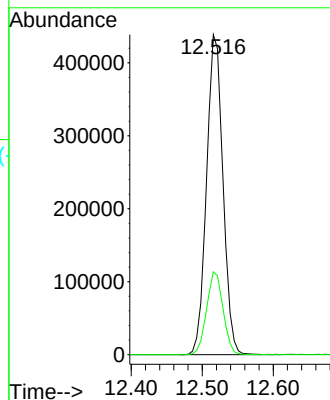
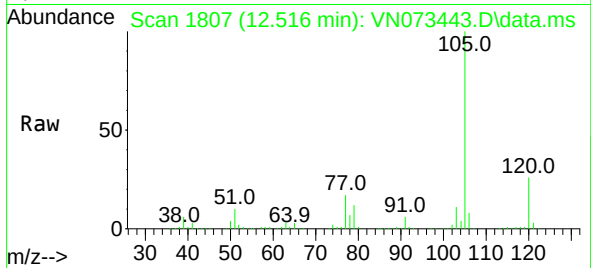




#73
Isopropylbenzene
Concen: 51.579 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

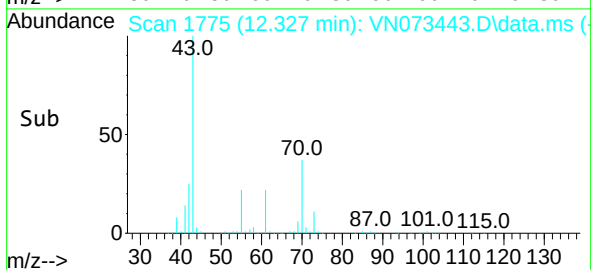
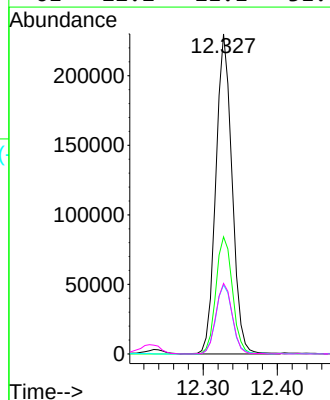
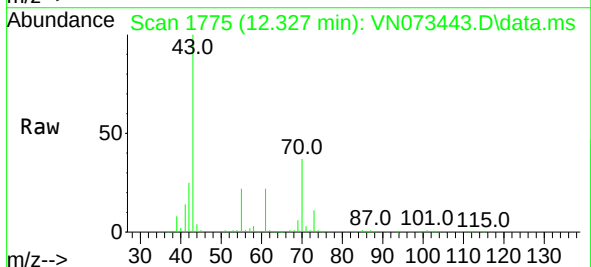
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

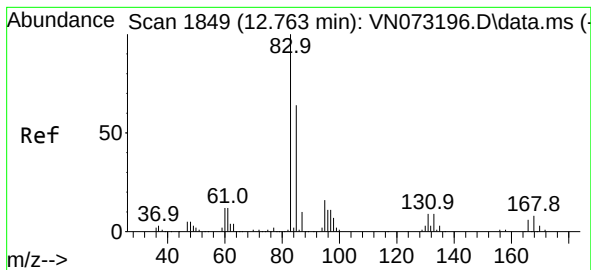
Tgt Ion:105 Resp: 705178
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#74
N-ethyl acetate
Concen: 51.062 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 43 Resp: 349563
Ion Ratio Lower Upper
43 100
70 37.4 39.0 58.4#
55 22.0 21.1 31.7
61 22.2 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.797 ug/l

RT: 12.769 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

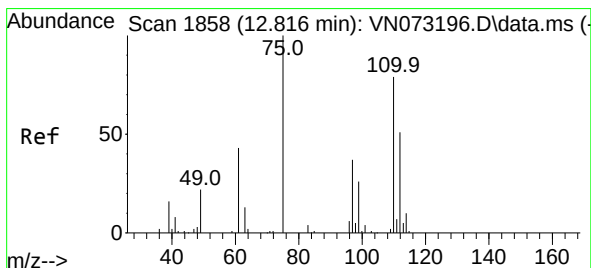
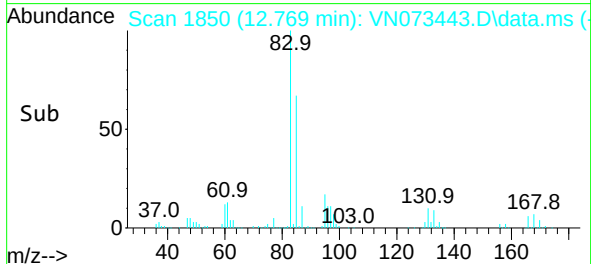
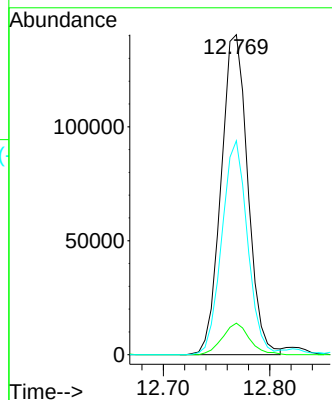
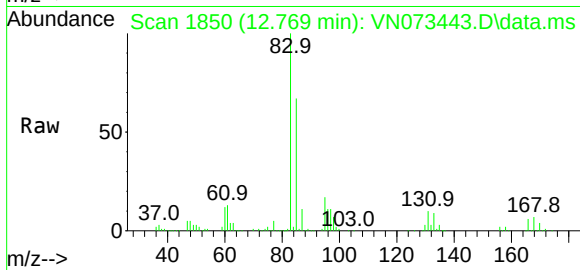
Tgt Ion: 83 Resp: 244065

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.9

85 64.5 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 77.152 ug/l

RT: 12.821 min Scan# 1859

Delta R.T. 0.005 min

Lab File: VN073443.D

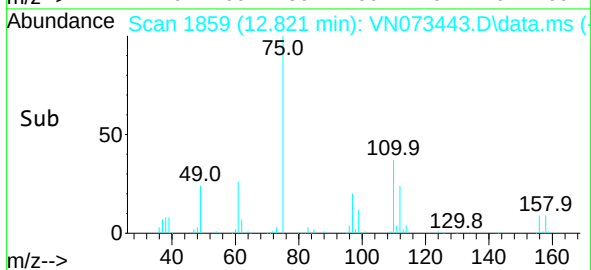
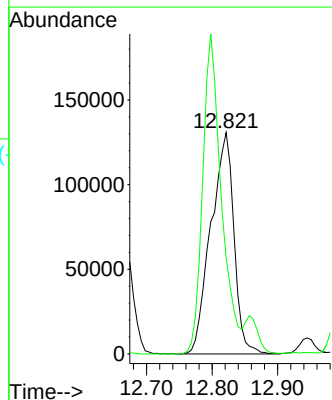
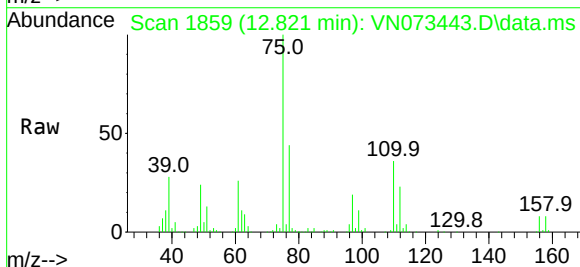
Acq: 13 Jul 2022 11:14

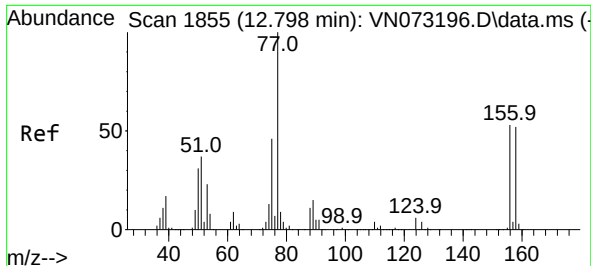
Tgt Ion: 75 Resp: 319394

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#

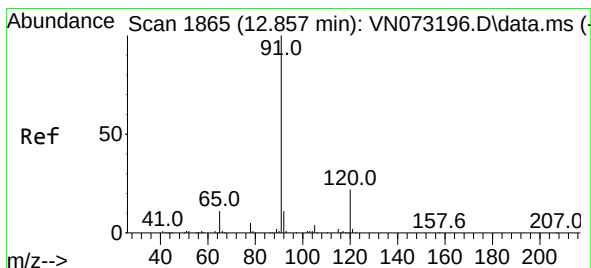
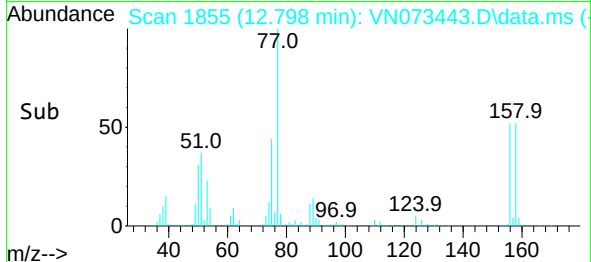
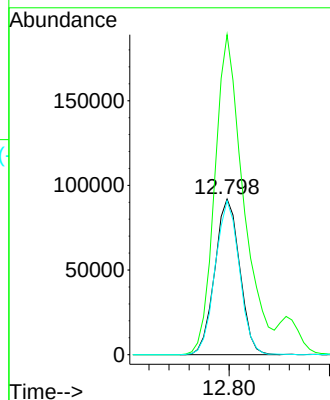
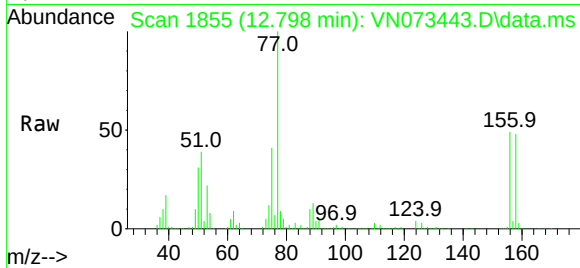




#77
Bromobenzene
Concen: 49.894 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

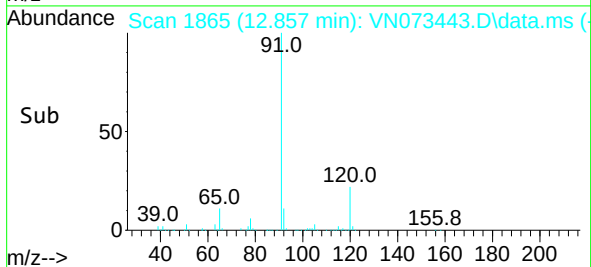
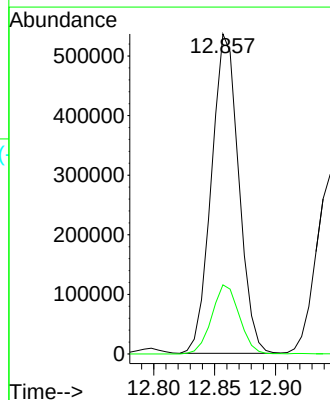
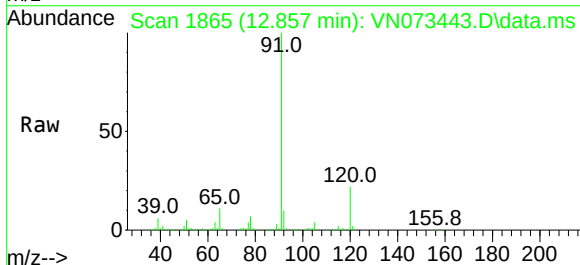
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

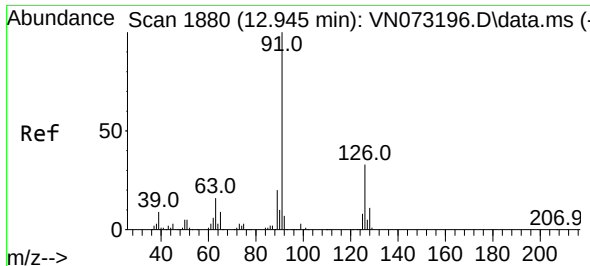
Tgt Ion:156 Resp: 158597
Ion Ratio Lower Upper
156 100
77 237.1 100.5 301.5
158 96.6 48.9 146.6



#78
n-propylbenzene
Concen: 55.151 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 91 Resp: 837644
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.5

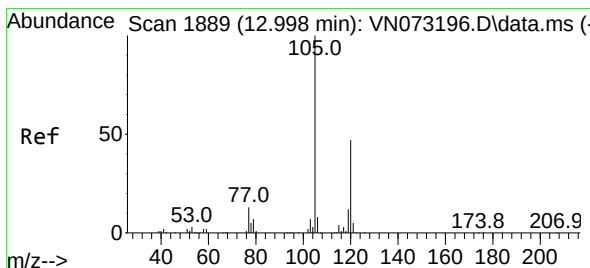
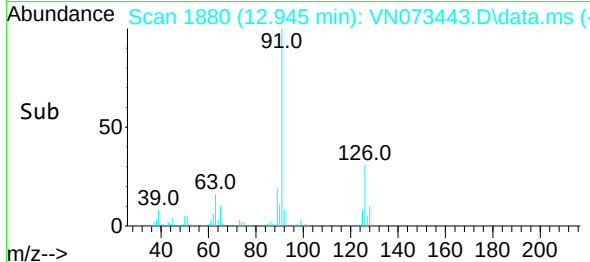
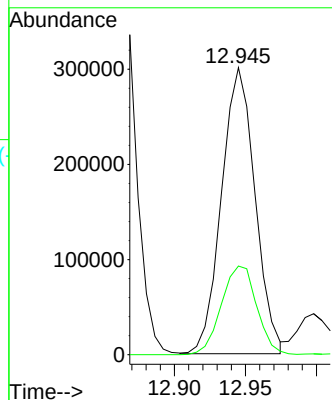
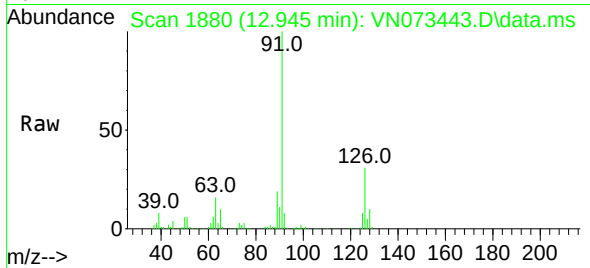




#79
2-Chlorotoluene
Concen: 51.457 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

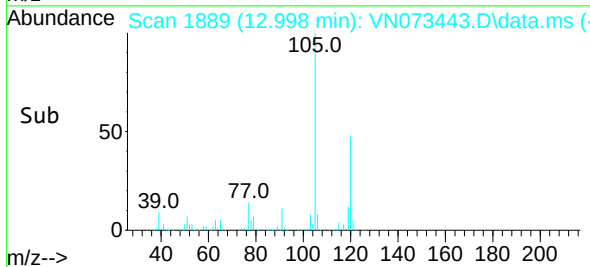
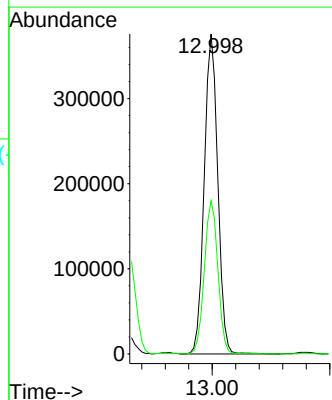
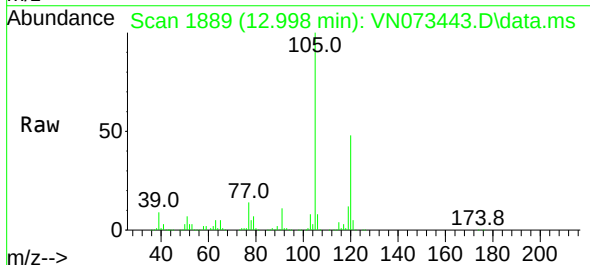
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

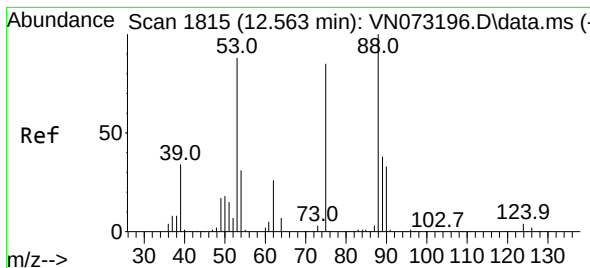
Tgt Ion: 91 Resp: 494643
Ion Ratio Lower Upper
91 100
126 32.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 53.701 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 105 Resp: 598419
Ion Ratio Lower Upper
105 100
120 47.8 24.9 74.7

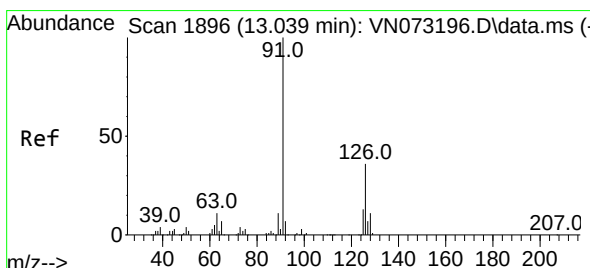
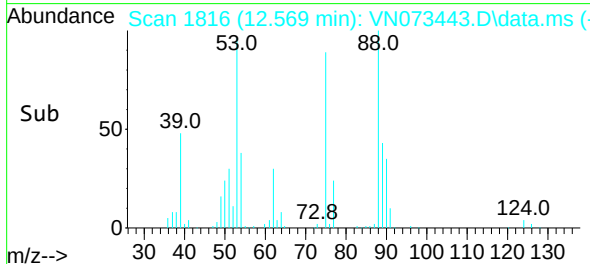
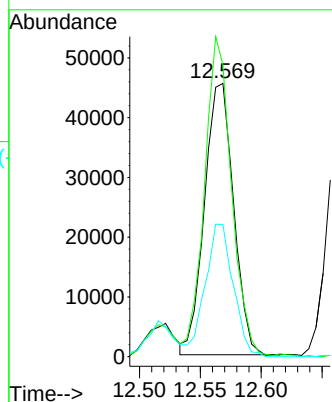
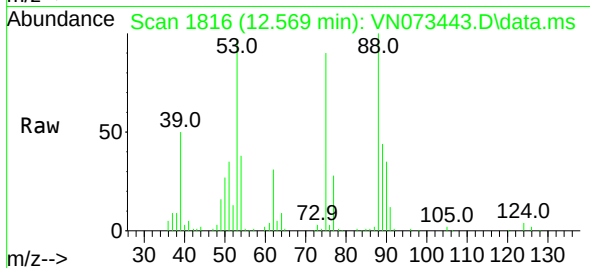




#81
trans-1,4-Dichloro-2-butene
Concen: 50.002 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

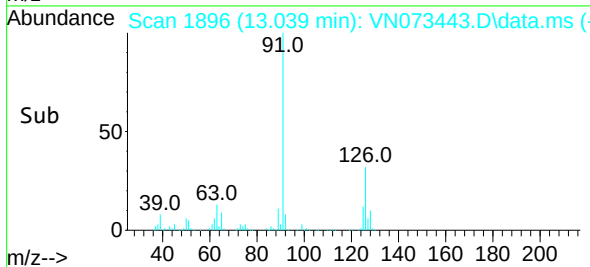
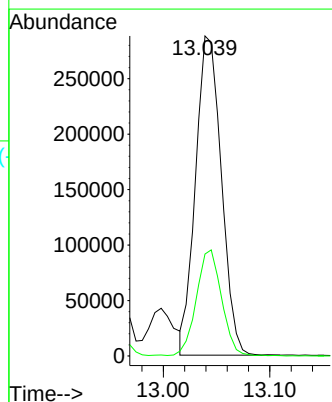
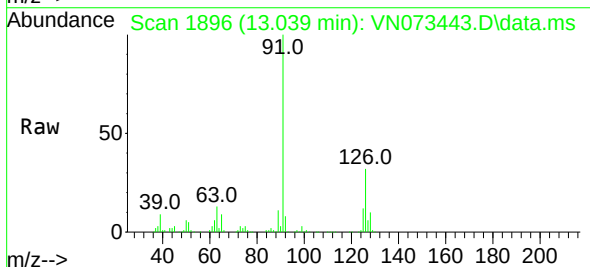
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

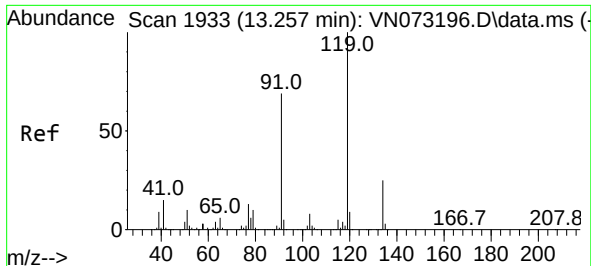
Tgt Ion: 75 Resp: 75479
Ion Ratio Lower Upper
75 100
53 108.9 78.0 117.0
89 46.7 37.2 55.8



#82
4-Chlorotoluene
Concen: 51.943 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 91 Resp: 483394
Ion Ratio Lower Upper
91 100
126 32.7 17.2 51.6

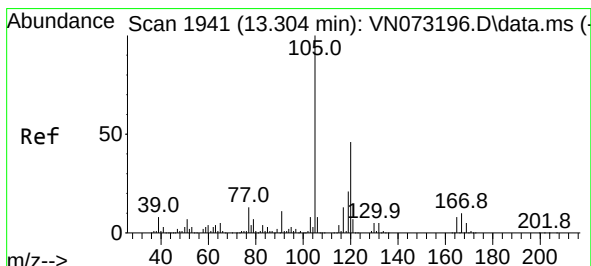
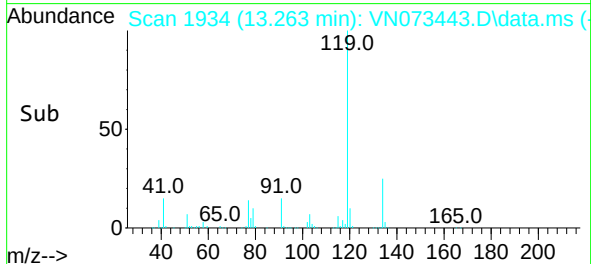
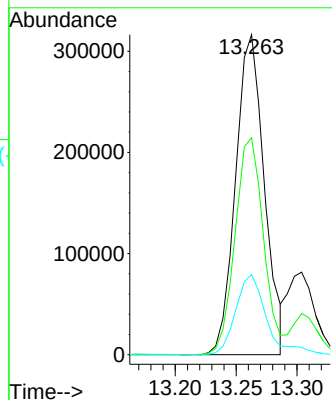
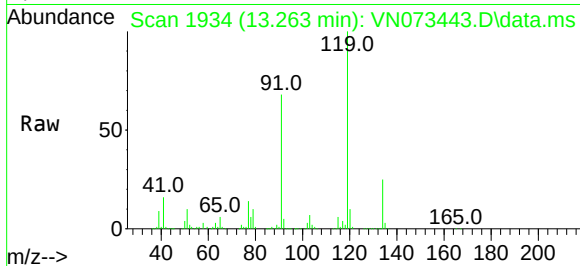




#83
tert-Butylbenzene
Concen: 52.111 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

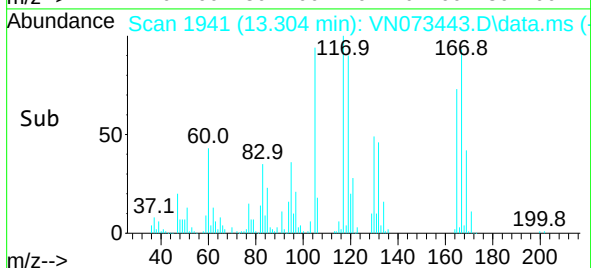
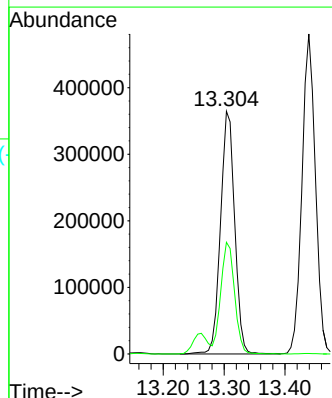
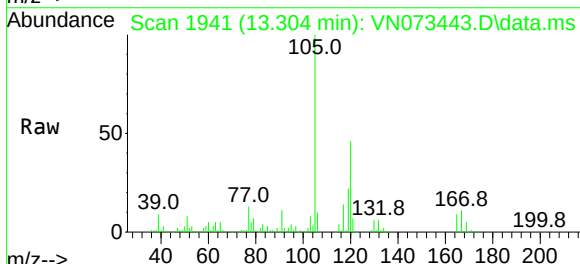
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

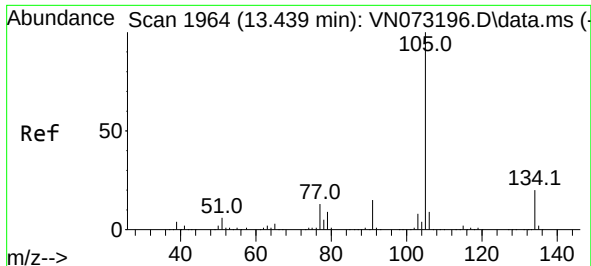
Tgt Ion:119 Resp: 520614
Ion Ratio Lower Upper
119 100
91 66.6 31.6 94.8
134 26.8 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 52.919 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion:105 Resp: 588766
Ion Ratio Lower Upper
105 100
120 44.6 23.3 69.8

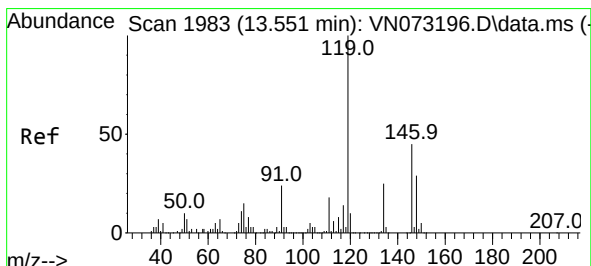
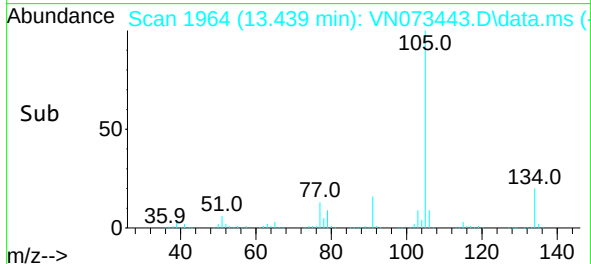
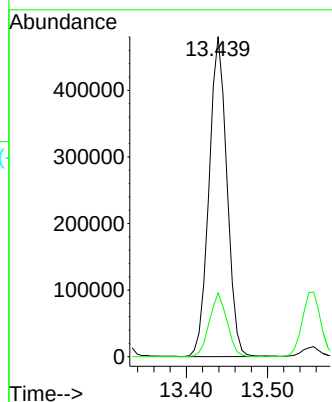
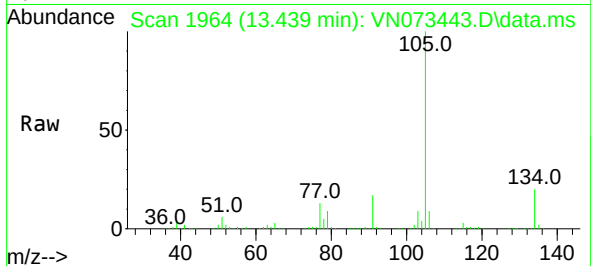




#85
 sec-Butylbenzene
 Concen: 54.837 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073443.D
 Acq: 13 Jul 2022 11:14

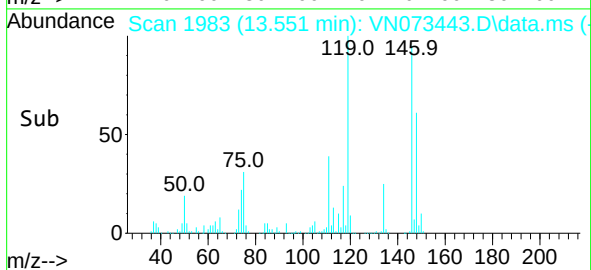
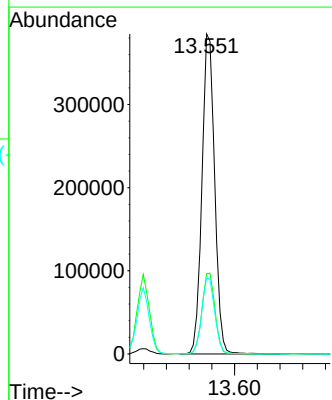
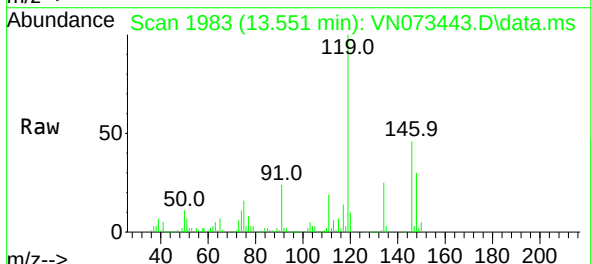
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

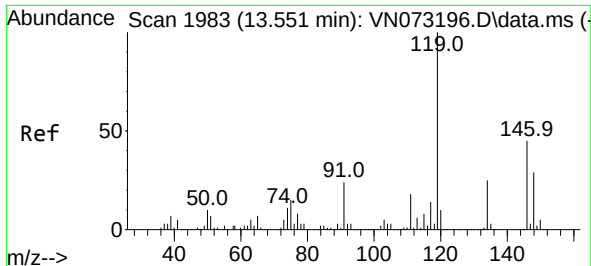
Tgt Ion:105 Resp: 735648
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 55.113 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073443.D
 Acq: 13 Jul 2022 11:14

Tgt Ion:119 Resp: 597253
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 24.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.251 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

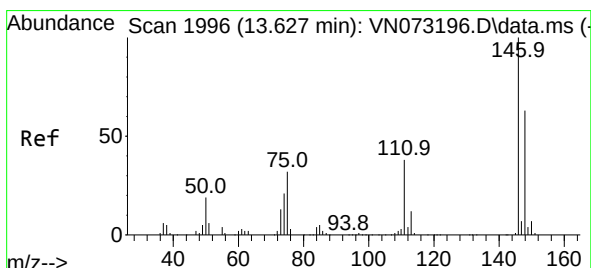
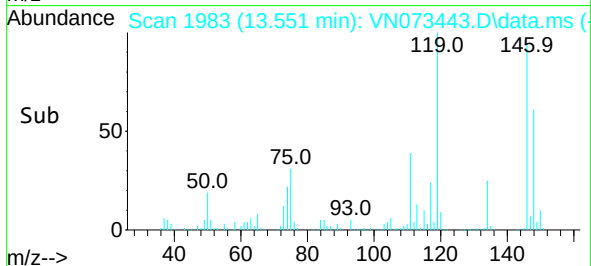
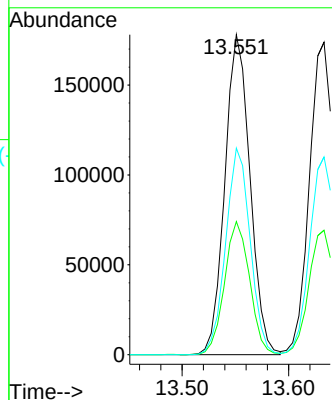
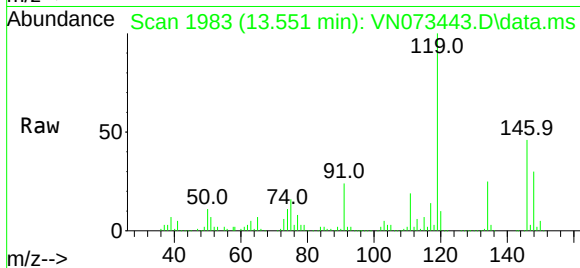
Tgt Ion:146 Resp: 292262

Ion Ratio Lower Upper

146 100

111 41.5 20.0 60.0

148 63.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 50.694 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VN073443.D

Acq: 13 Jul 2022 11:14

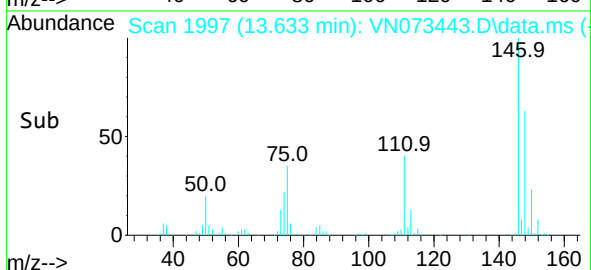
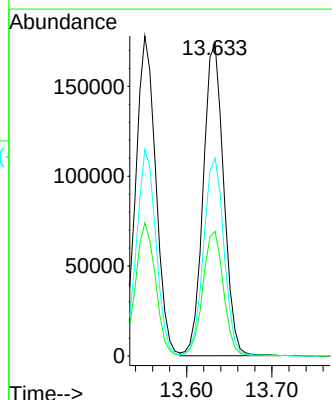
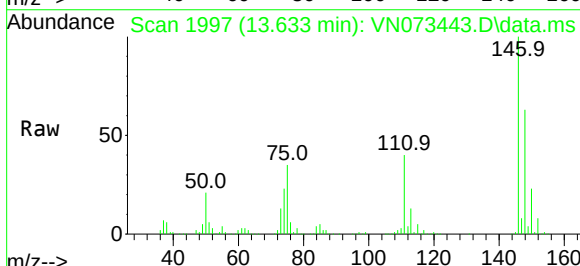
Tgt Ion:146 Resp: 289645

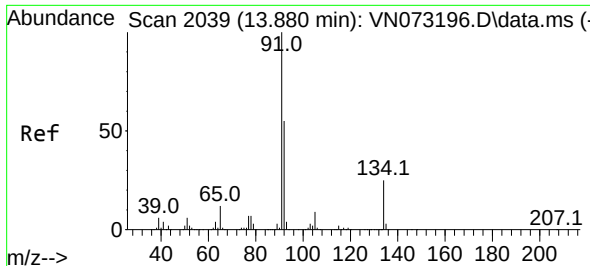
Ion Ratio Lower Upper

146 100

111 39.8 19.1 57.1

148 63.8 31.4 94.3

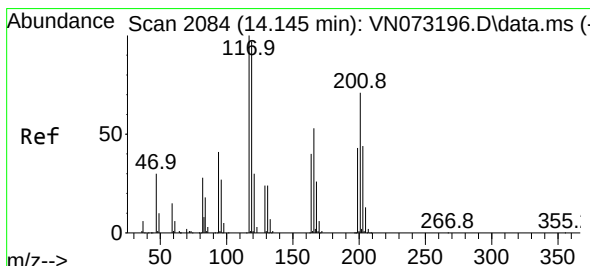
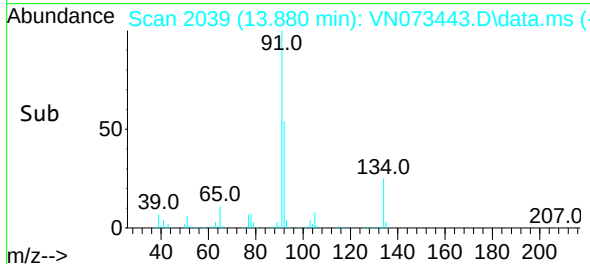
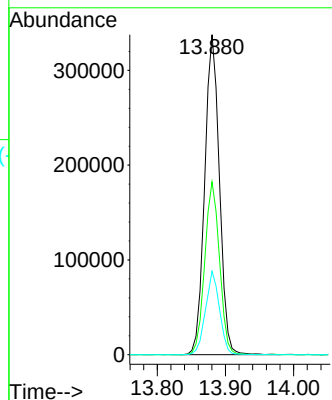
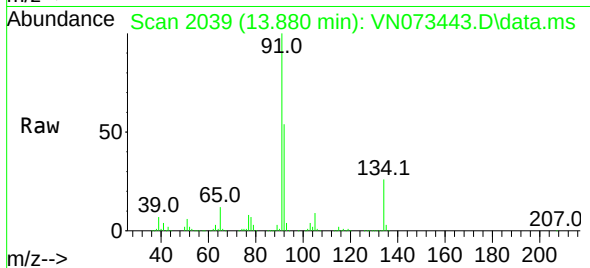




#89
n-Butylbenzene
Concen: 56.238 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

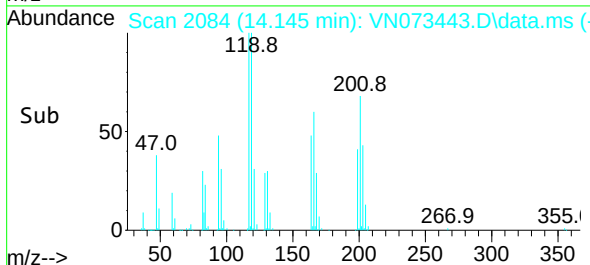
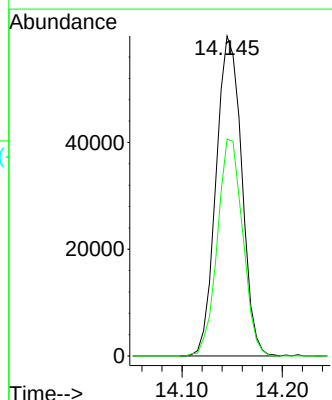
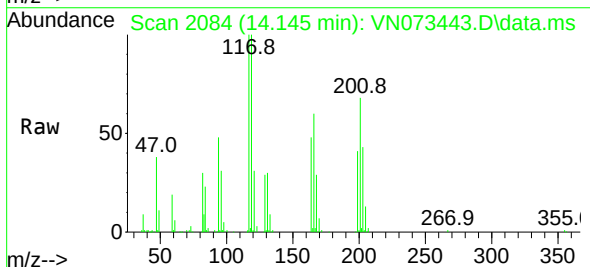
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

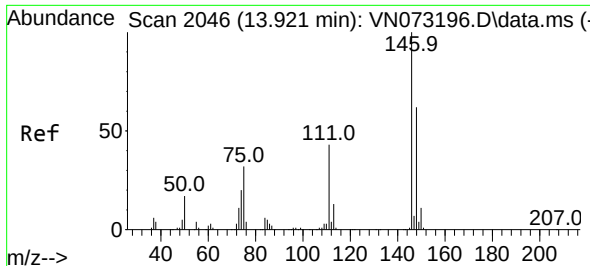
Tgt Ion: 91 Resp: 507847
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 24.9 13.6 40.8



#90
Hexachloroethane
Concen: 52.632 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 117 Resp: 106295
Ion Ratio Lower Upper
117 100
201 67.1 40.6 122.0

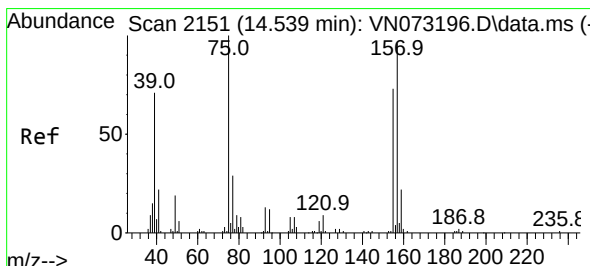
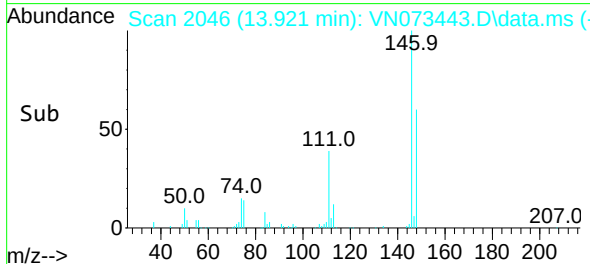
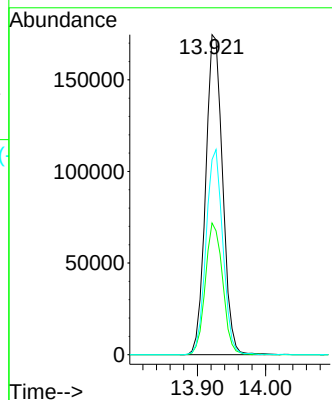
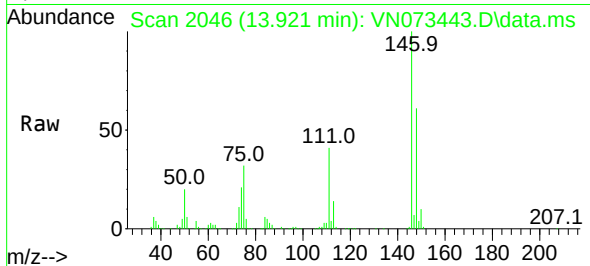




#91
1,2-Dichlorobenzene
Concen: 52.072 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

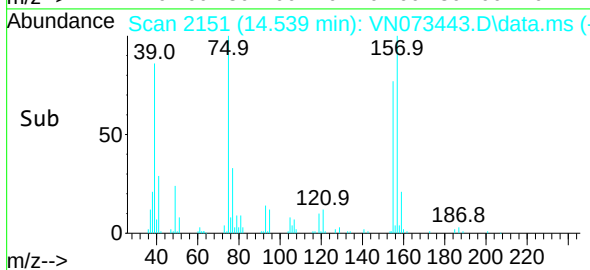
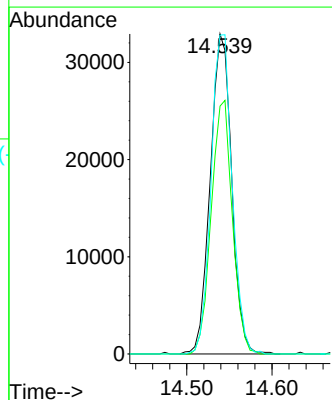
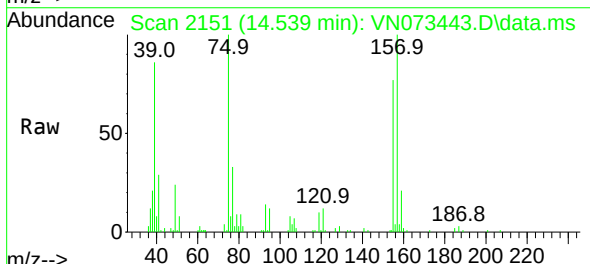
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

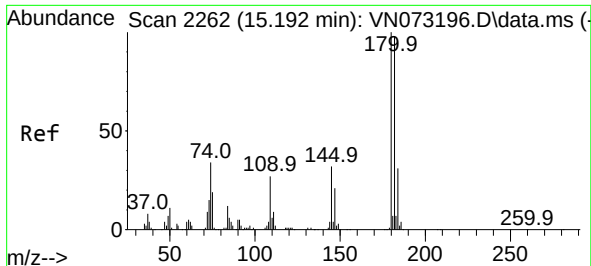
Tgt Ion:146 Resp: 302487
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.8
148 63.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.214 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion: 75 Resp: 57576
Ion Ratio Lower Upper
75 100
155 78.2 44.9 134.5
157 98.3 59.0 176.8

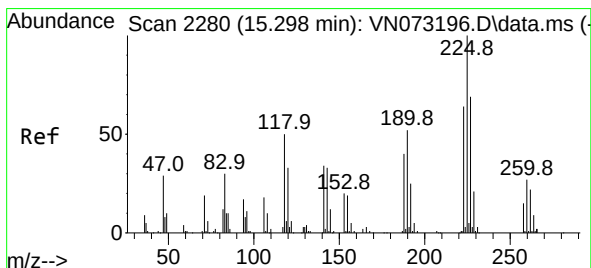
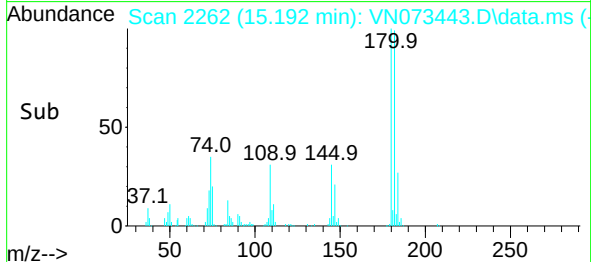
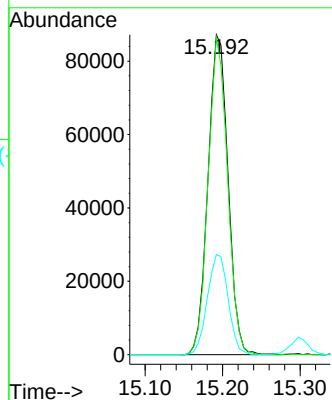
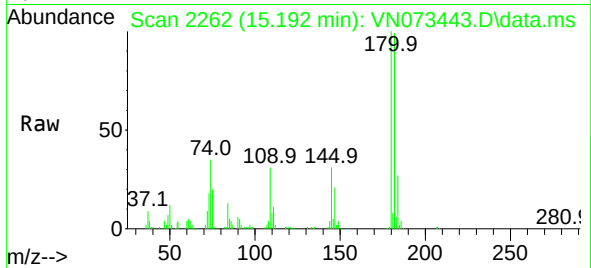




#93
1,2,4-Trichlorobenzene
Concen: 51.782 ug/l
RT: 15.192 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

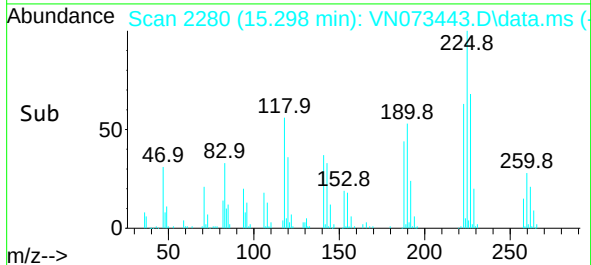
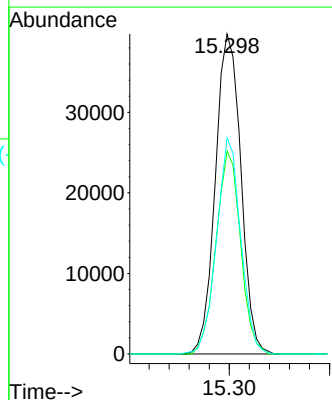
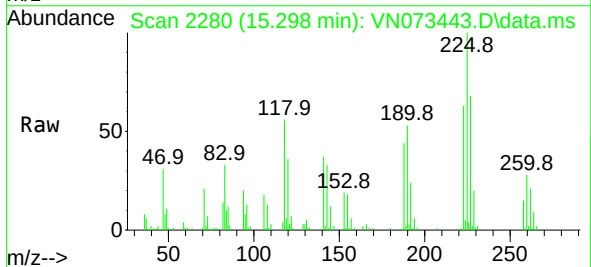
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

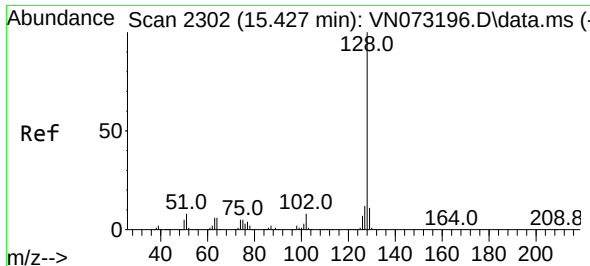
Tgt Ion:180 Resp: 156623
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 32.4 14.5 43.5



#94
Hexachlorobutadiene
Concen: 52.059 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion:225 Resp: 69998
Ion Ratio Lower Upper
225 100
223 61.1 32.4 97.2
227 64.0 31.8 95.4

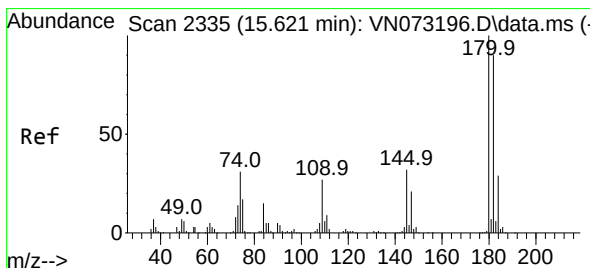
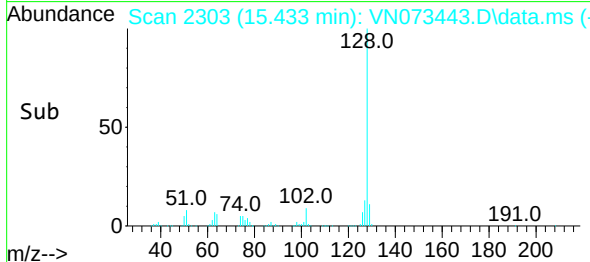
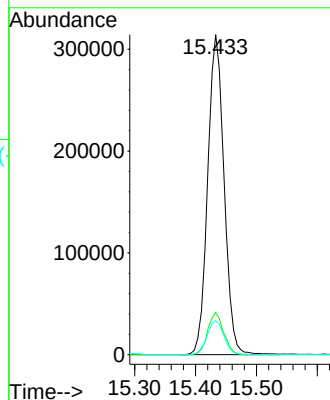
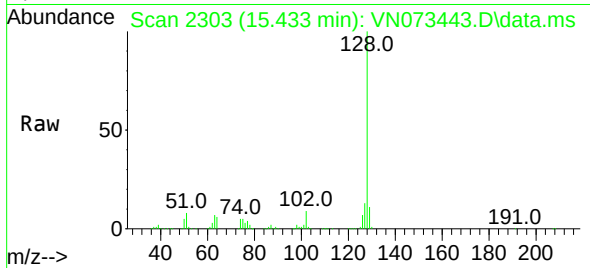




#95
Naphthalene
Concen: 48.197 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 588100
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: 51.500 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073443.D
Acq: 13 Jul 2022 11:14

Tgt Ion:180 Resp: 160687
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 34.0 15.5 46.5

