

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071959.D
 Acq On : 12 Apr 2022 17:25
 Operator : JC\MD
 Sample : N2308-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF0422

Quant Time: Apr 13 04:46:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	643446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1067729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1123697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	519095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	336059	45.749	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.500%
35) Dibromofluoromethane	8.022	113	302959	48.219	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.440%
50) Toluene-d8	10.439	98	1349779	52.516	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.727	95	523897	63.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	126.060%

Target Compounds				Qvalue		
3) Chloromethane	2.304	50	3142	0.485	ug/l #	87
5) Bromomethane	2.881	94	2495	0.539	ug/l	86
10) Methyl Iodide	4.428	142	3069	0.393	ug/l #	65
11) Tert butyl alcohol	5.369	59	27801	23.321	ug/l #	72
13) Acrolein	3.992	56	19500	13.416	ug/l #	1
14) Allyl chloride	4.957	41	37684	4.372	ug/l #	48
15) Acrylonitrile	5.616	53	20208	5.832	ug/l #	39
16) Acetone	4.281	43	98298	31.312	ug/l #	78
17) Carbon Disulfide	4.528	76	7850	0.644	ug/l	95
19) Methyl tert-butyl Ether	5.622	73	16413	0.832	ug/l #	1
20) Methylene Chloride	5.063	84	2744	0.415	ug/l #	1
22) Diisopropyl ether	6.498	45	22091	1.177	ug/l #	77
25) 2-Butanone	7.339	43	31304	6.917	ug/l	97
26) 2,2-Dichloropropane	7.151	77	12534	1.324	ug/l #	53
29) Tetrahydrofuran	7.680	42	1700	0.580	ug/l #	47
30) Chloroform	7.839	83	8626	0.742	ug/l	88
31) Cyclohexane	8.092	56	479280	47.977	ug/l	96
36) 1,1-Dichloropropene	8.080	75	42722	4.869	ug/l #	48
37) Ethyl Acetate	7.339	43	31304	3.260	ug/l #	69
38) Carbon Tetrachloride	8.080	117	58758	6.833	ug/l #	17
39) Methylcyclohexane	9.457	83	258523	24.753	ug/l	96
40) Benzene	8.457	78	8192836	295.594	ug/l	99
41) Methacrylonitrile	7.669	41	7257	1.543	ug/l #	35
42) 1,2-Dichloroethane	8.457	62	61962	6.463	ug/l	100
43) Isopropyl Acetate	8.551	43	49933	3.126	ug/l #	53
45) 1,2-Dichloropropane	9.457	63	2618	0.378	ug/l #	1
47) Bromodichloromethane	9.745	83	5922	0.640	ug/l #	26
48) Methyl methacrylate	9.639	41	24511	3.699	ug/l #	42
49) 1,4-Dioxane	9.574	88	163	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.333	43	9979	1.087	ug/l #	77
52) Toluene	10.504	92	1372126	78.316	ug/l	100
55) 1,1,2-Trichloroethane	10.874	97	23940	3.320	ug/l #	22
56) Ethyl methacrylate	10.780	69	6380	0.620	ug/l #	62
58) 2-Chloroethyl Vinyl ether	10.027	63	1139	17.302	ug/l #	44
59) 2-Hexanone	11.216	43	8949	1.384	ug/l	91
67) Ethyl Benzene	11.839	91	9195162	241.405	ug/l	97

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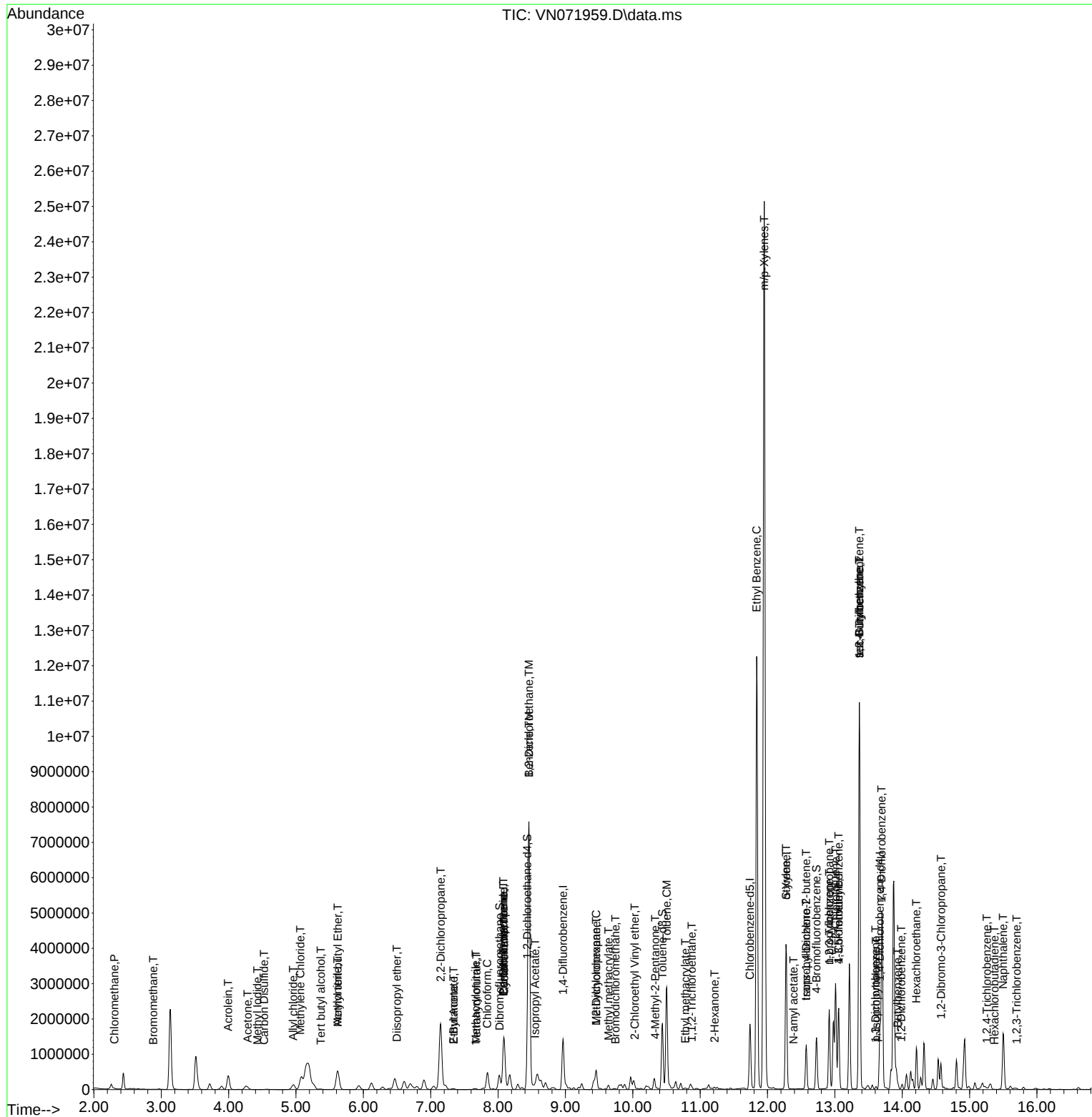
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68) m/p-Xylenes	11.951	106	8883114	606.970	ug/l	94
69) o-Xylene	12.274	106	1217905	83.841	ug/l	97
70) Styrene	12.274	104	63904	2.903	ug/l #	1
73) Isopropylbenzene	12.574	105	849441	19.419	ug/l	100
74) N-amyl acetate	12.386	43	7877	0.628	ug/l #	74
76) 1,2,3-Trichloropropane	12.915	75	9004	0.749	ug/l #	1
78) n-propylbenzene	12.915	91	1815806	39.463	ug/l	100
79) 2-Chlorotoluene	13.010	91	212510	7.202	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.057	105	1304742	37.646	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.574	75	8961	2.309	ug/l #	56
82) 4-Chlorotoluene	13.057	91	134891	4.932	ug/l #	40
83) tert-Butylbenzene	13.362	119	811144	25.604	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.362	105	6371973	188.433	ug/l	99
85) sec-Butylbenzene	13.362	105	6371973	155.154	ug/l #	56
86) p-Isopropyltoluene	13.609	119	33065	1.010	ug/l #	76
87) 1,3-Dichlorobenzene	13.604	146	5075	0.291	ug/l #	53
88) 1,4-Dichlorobenzene	13.692	146	6016	0.353	ug/l #	4
89) n-Butylbenzene	13.933	91	64761	2.666	ug/l #	75
90) Hexachloroethane	14.209	117	62013	10.345	ug/l #	9
91) 1,2-Dichlorobenzene	13.986	146	4911	0.286	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.574	75	4094	1.808	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.256	180	9989	3.244	ug/l #	81
94) Hexachlorobutadiene	15.368	225	1513	0.299	ug/l	88
95) Naphthalene	15.498	128	1541635	64.060	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	12757	3.931	ug/l #	82

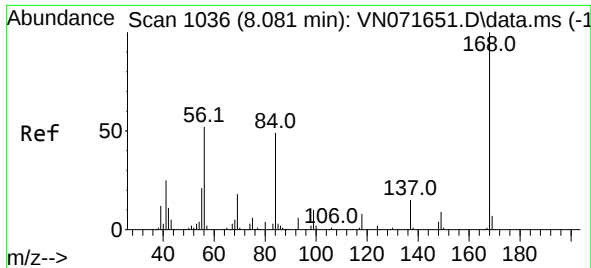
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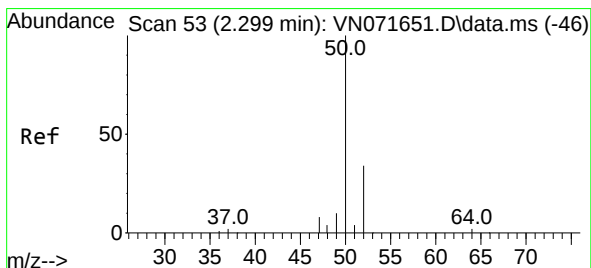
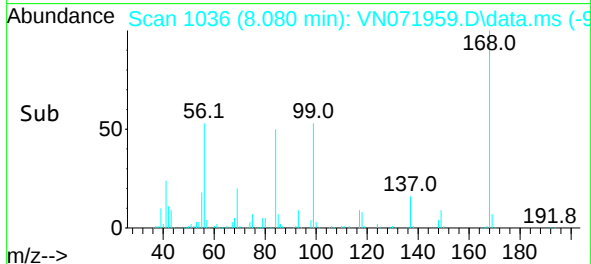
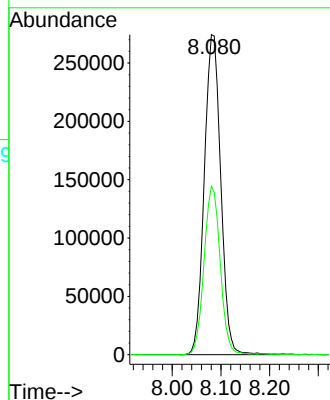
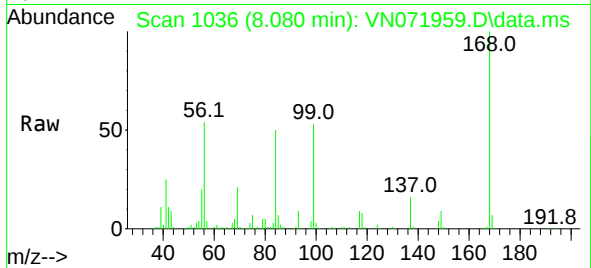




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN071959.D
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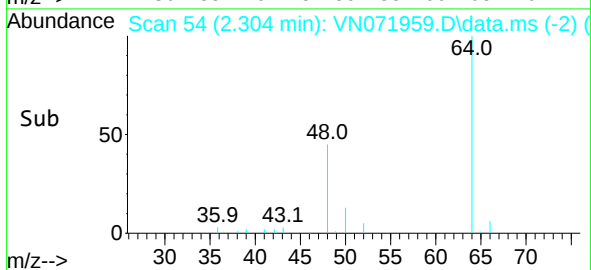
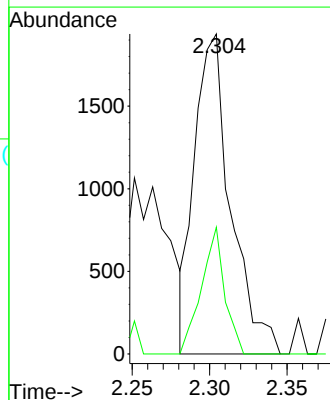
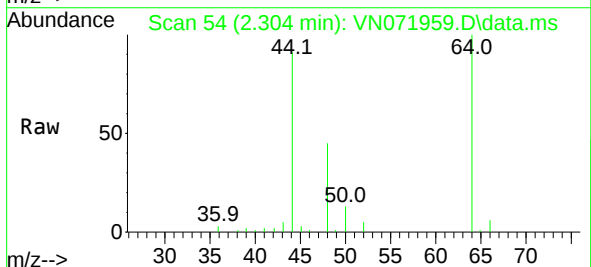
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ClientSampleId :
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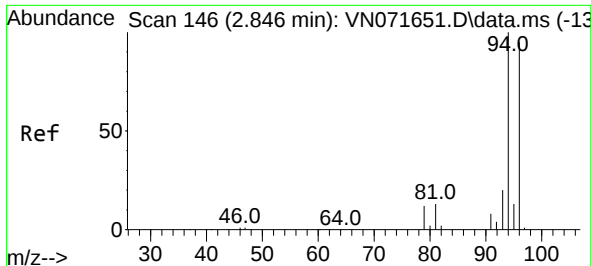
Tgt Ion:168 Resp: 643446
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5



#3
Chloromethane
Concen: 0.485 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 50 Resp: 3142
Ion Ratio Lower Upper
50 100
52 39.6 25.7 38.5#

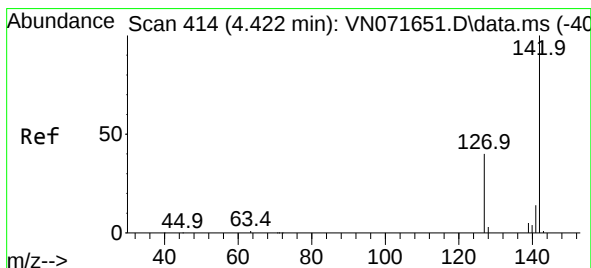
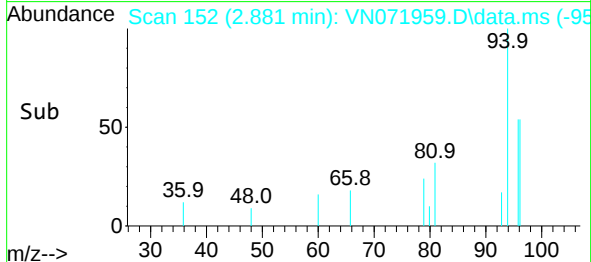
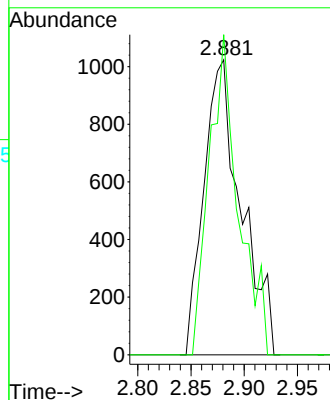
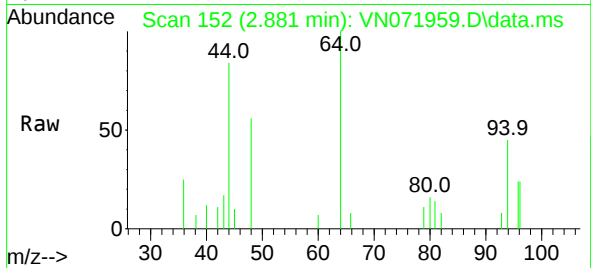




#5
Bromomethane
Concen: 0.539 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

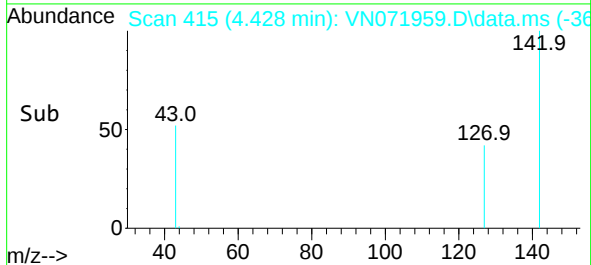
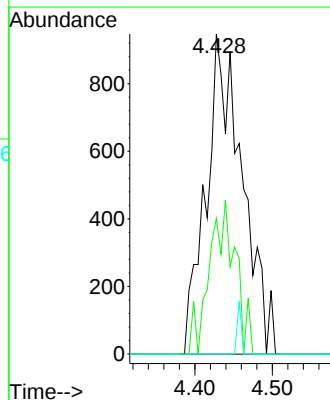
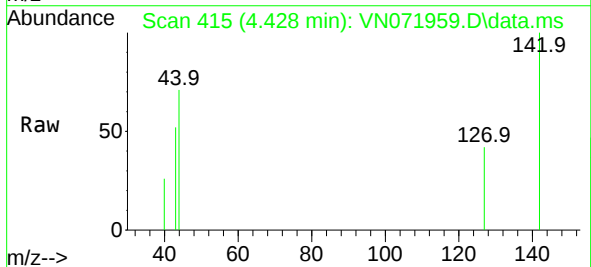
Instrument :
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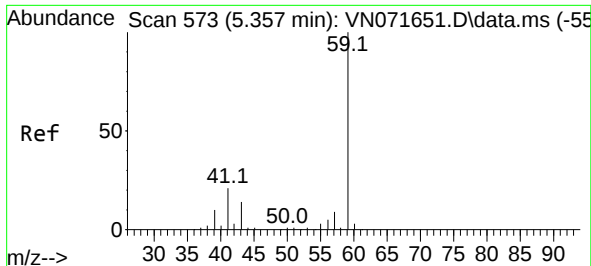
Tgt Ion: 94 Resp: 2495
Ion Ratio Lower Upper
94 100
96 108.5 76.0 114.0



#10
Methyl Iodide
Concen: 0.393 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 142 Resp: 3069
Ion Ratio Lower Upper
142 100
127 17.7 31.3 46.9#
141 0.0 11.2 16.8#

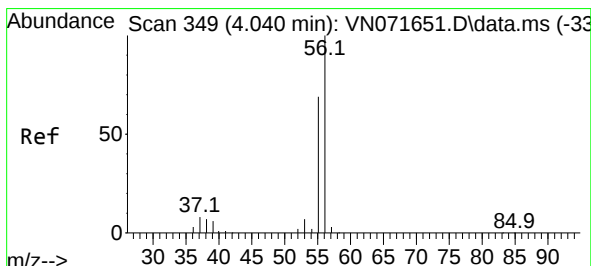
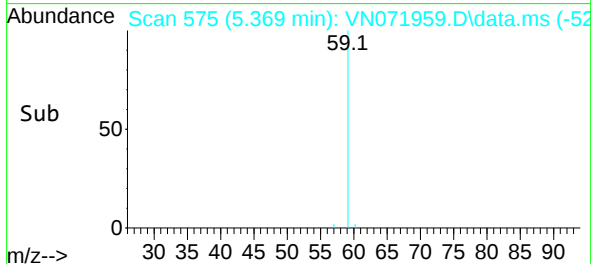
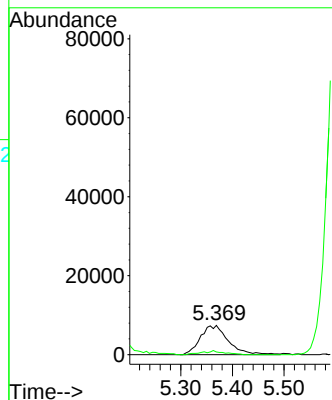
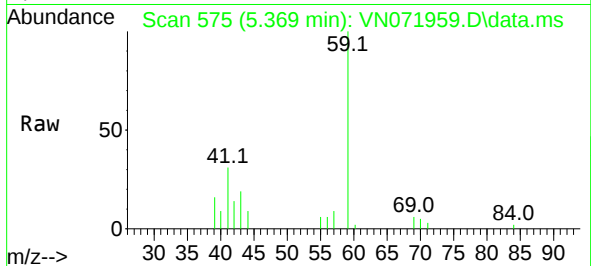




#11
Tert butyl alcohol
Concen: 23.321 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

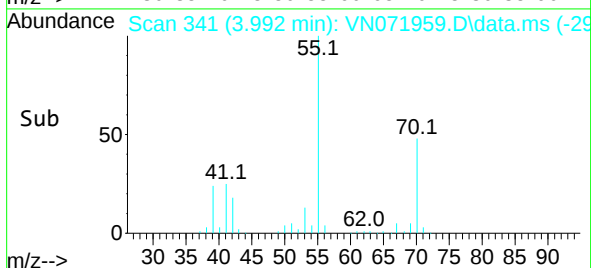
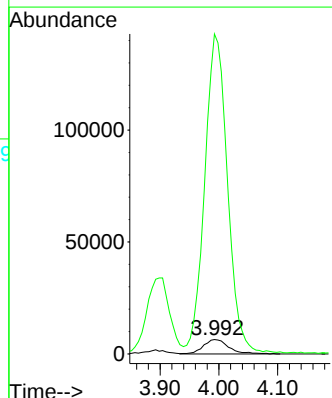
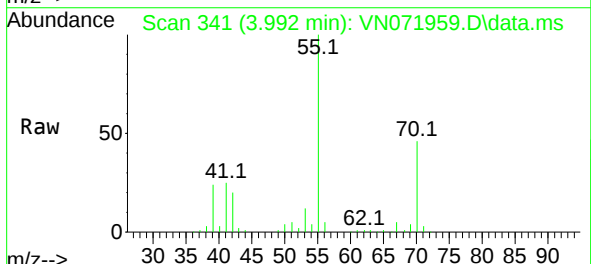
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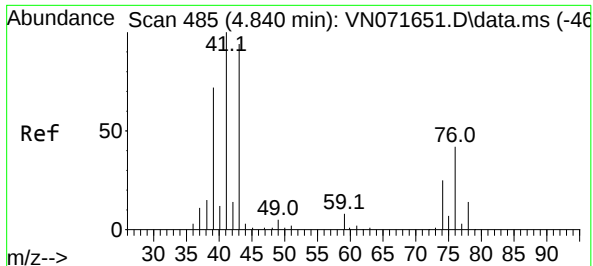
Tgt Ion: 59 Resp: 27801
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 13.416 ug/l
RT: 3.992 min Scan# 341
Delta R.T. -0.048 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 56 Resp: 19500
Ion Ratio Lower Upper
56 100
55 1968.5 54.8 82.2#

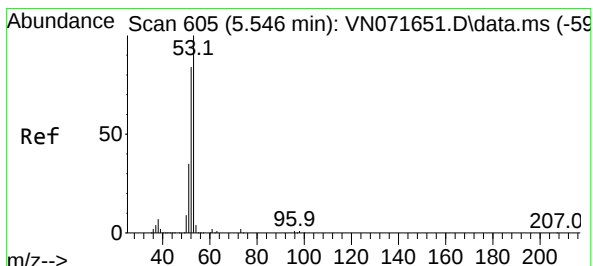
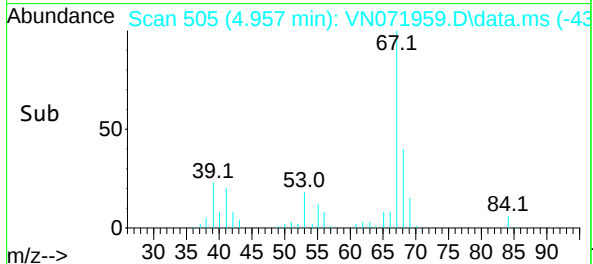
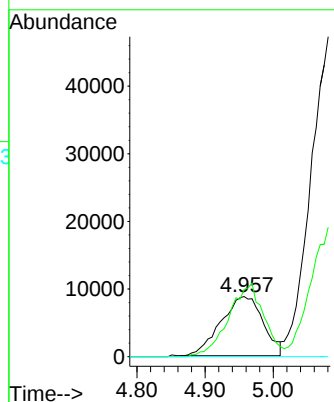
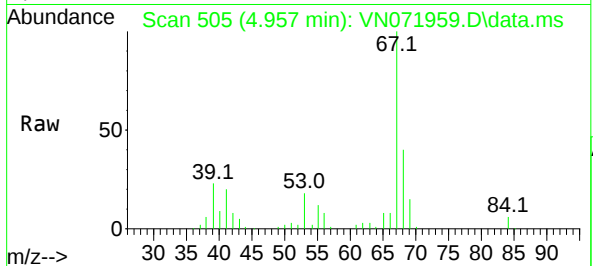




#14
 Allyl chloride
 Concen: 4.372 ug/l
 RT: 4.957 min Scan# 505
 Delta R.T. 0.117 min
 Lab File: VN071959.D
 Acq: 12 Apr 2022 17:25

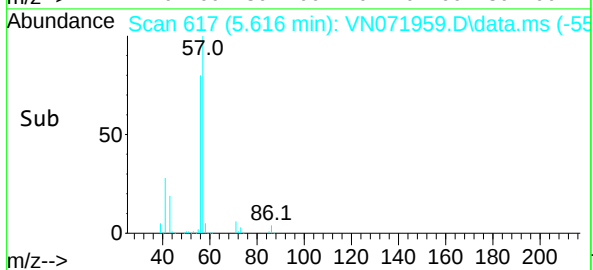
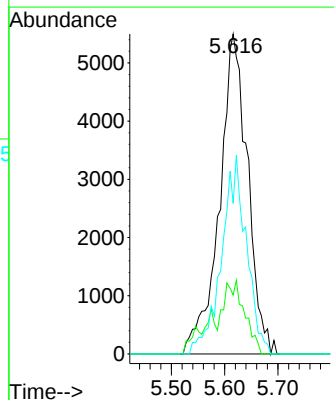
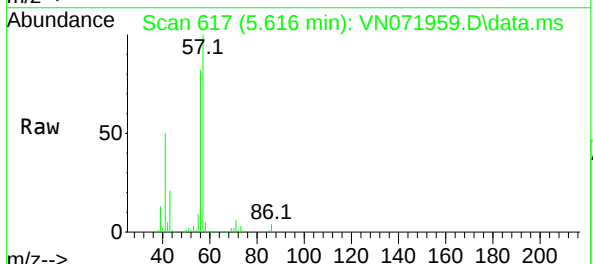
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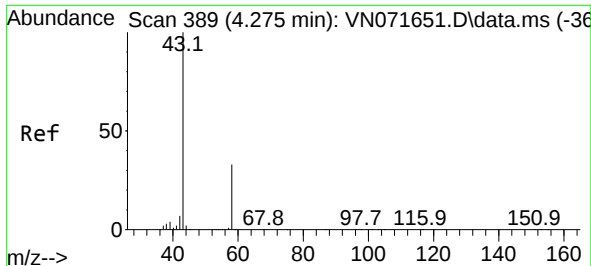
Tgt Ion: 41 Resp: 37684
 Ion Ratio Lower Upper
 41 100
 39 103.6 53.2 79.8#
 76 0.0 29.9 44.9#



#15
 Acrylonitrile
 Concen: 5.832 ug/l
 RT: 5.616 min Scan# 617
 Delta R.T. 0.070 min
 Lab File: VN071959.D
 Acq: 12 Apr 2022 17:25

Tgt Ion: 53 Resp: 20208
 Ion Ratio Lower Upper
 53 100
 52 17.2 66.4 99.6#
 51 54.6 28.5 42.7#

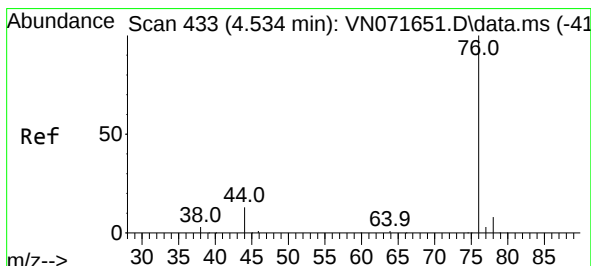
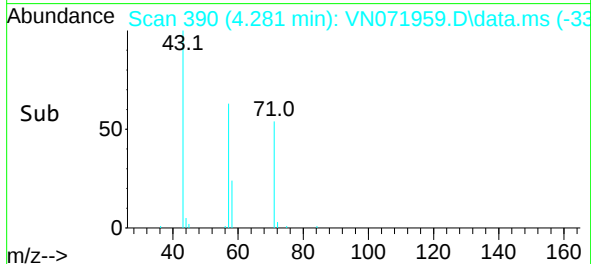
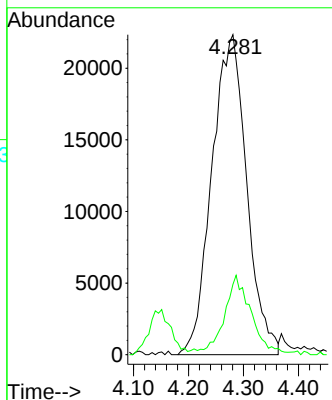
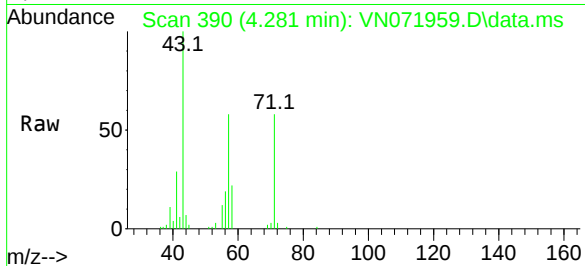




#16
Acetone
Concen: 31.312 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

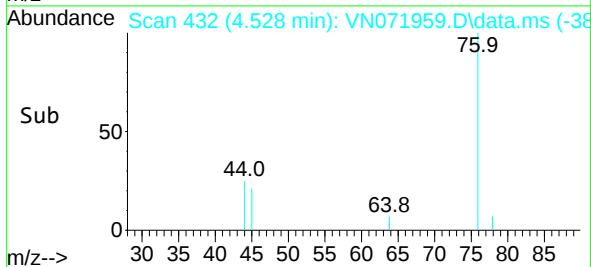
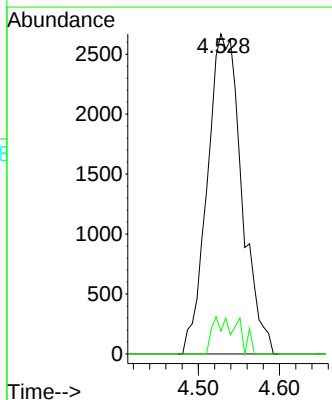
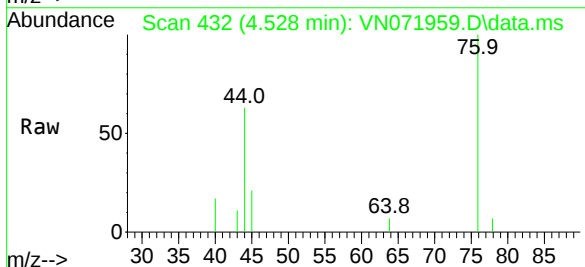
Instrument :
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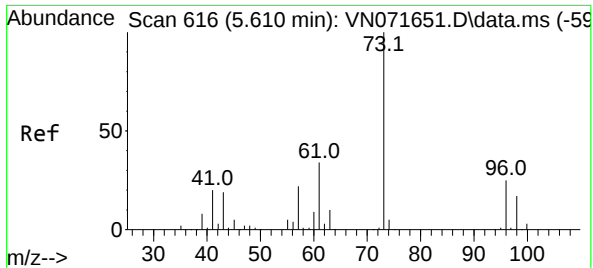
Tgt Ion: 43 Resp: 98298
Ion Ratio Lower Upper
43 100
58 20.0 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.644 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
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Acq: 12 Apr 2022 17:25

Tgt Ion: 76 Resp: 7850
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8

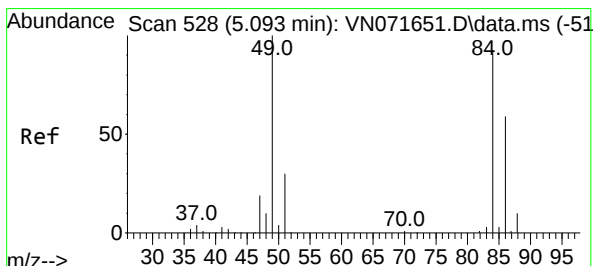
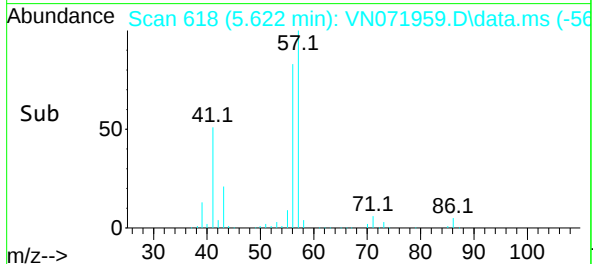
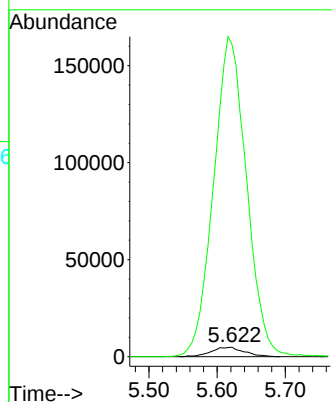
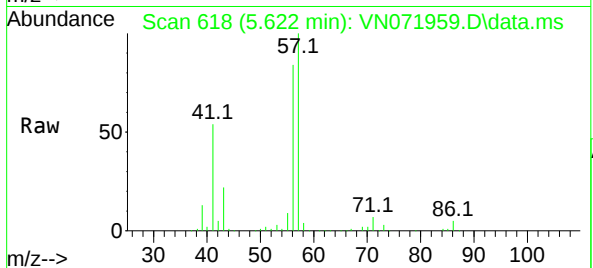




#19
Methyl tert-butyl Ether
Concen: 0.832 ug/l
RT: 5.622 min Scan# 616
Delta R.T. 0.012 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

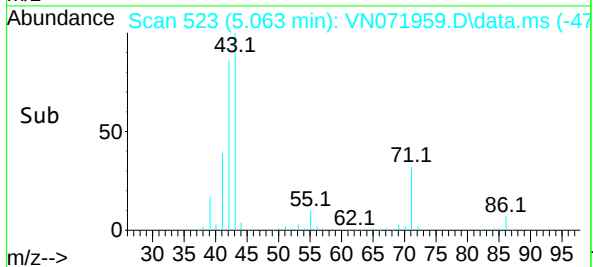
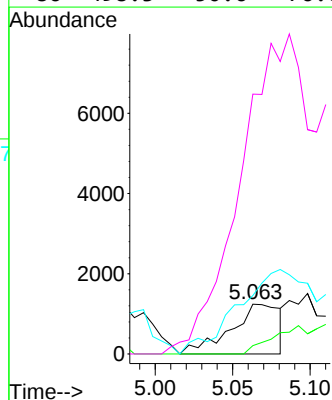
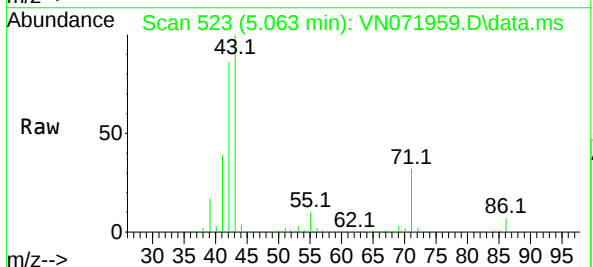
Instrument :
MSVOA_N
ClientSampleId :
INF0422

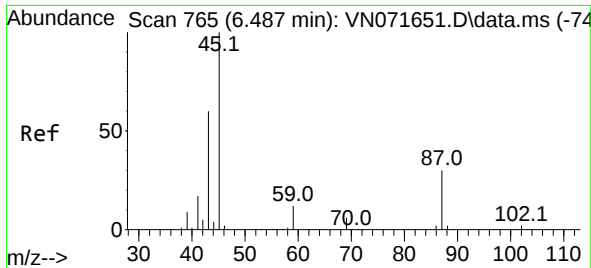
Tgt Ion: 73 Resp: 16413
Ion Ratio Lower Upper
73 100
57 3280.7 17.6 26.4#



#20
Methylene Chloride
Concen: 0.415 ug/l
RT: 5.063 min Scan# 523
Delta R.T. -0.030 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 84 Resp: 2744
Ion Ratio Lower Upper
84 100
49 16.8 88.3 132.5#
51 117.4 28.2 42.2#
86 498.3 50.6 76.0#

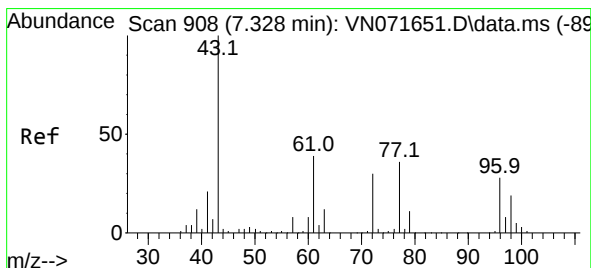
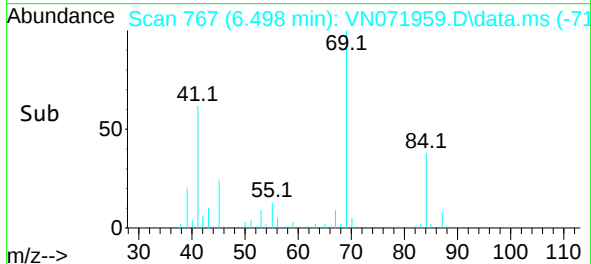
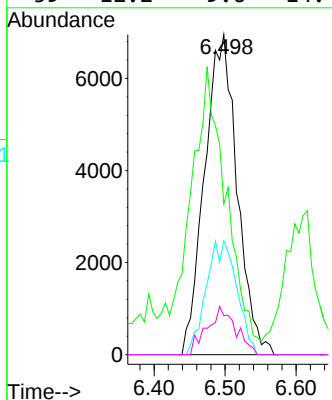
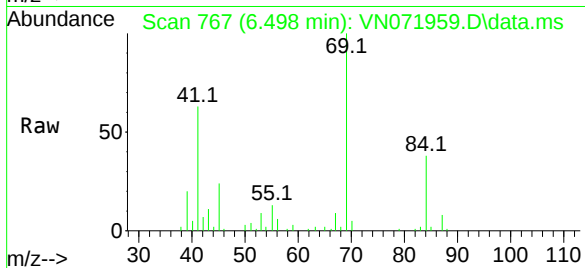




#22
Diisopropyl ether
Concen: 1.177 ug/l
RT: 6.498 min Scan# 71
Delta R.T. 0.011 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

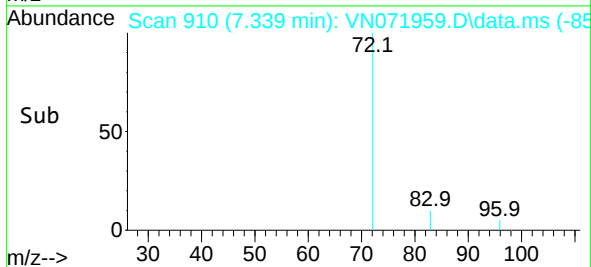
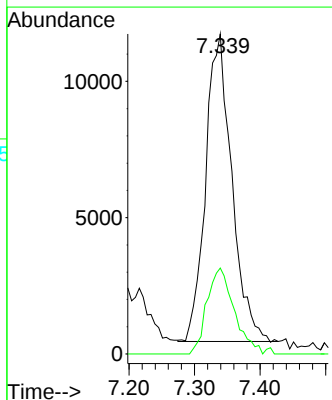
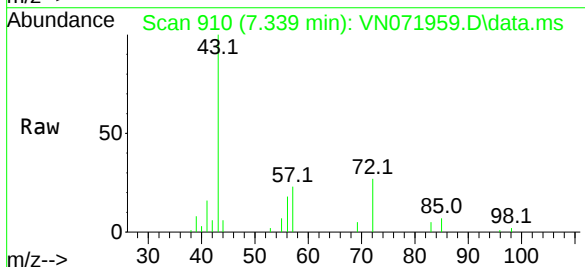
Instrument :
MSVOA_N
ClientSampleId :
INF0422

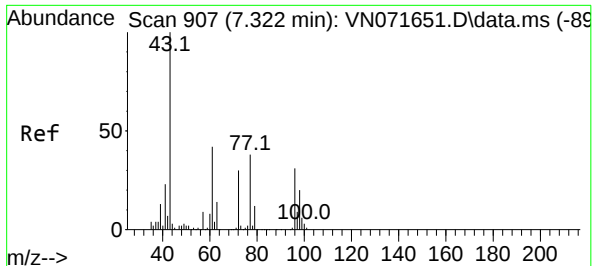
Tgt Ion:	45	Resp:	22091
Ion	Ratio	Lower	Upper
45	100		
43	32.4	46.6	70.0#
87	35.5	24.3	36.5
59	12.2	9.6	14.4



#25
2-Butanone
Concen: 6.917 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion:	43	Resp:	31304
Ion	Ratio	Lower	Upper
43	100		
72	27.9	23.7	35.5





#26

2,2-Dichloropropane

Concen: 1.324 ug/l

RT: 7.151 min Scan# 81

Delta R.T. -0.171 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

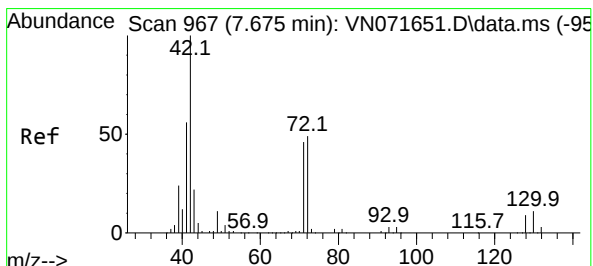
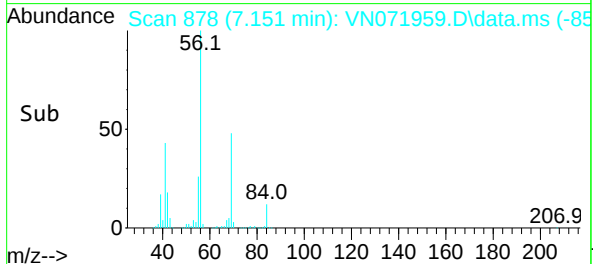
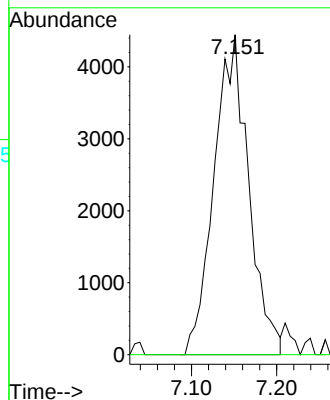
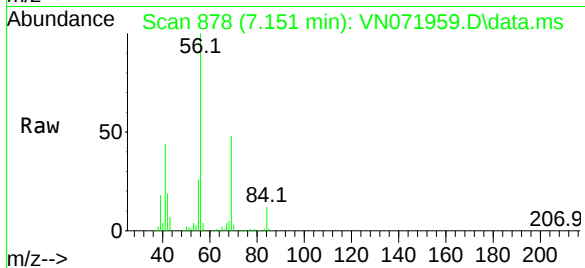
INF0422

Tgt Ion: 77 Resp: 12534

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#29

Tetrahydrofuran

Concen: 0.580 ug/l

RT: 7.680 min Scan# 968

Delta R.T. 0.005 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

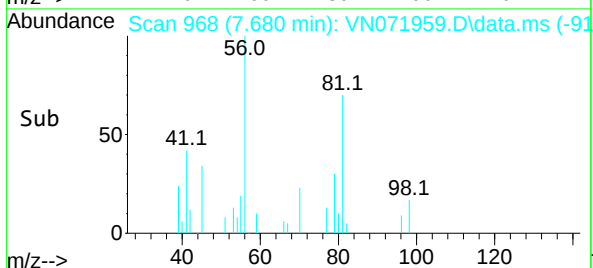
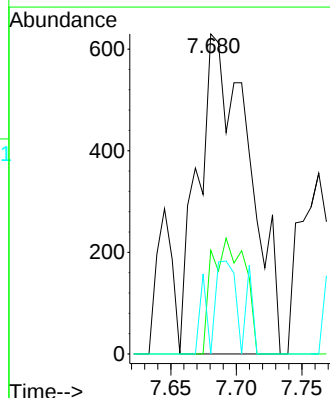
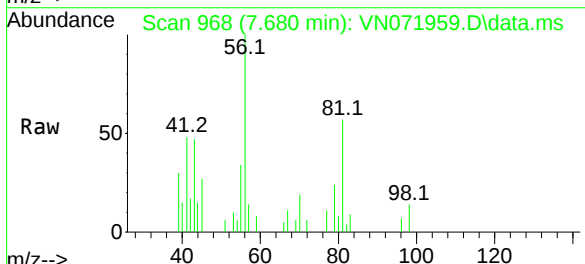
Tgt Ion: 42 Resp: 1700

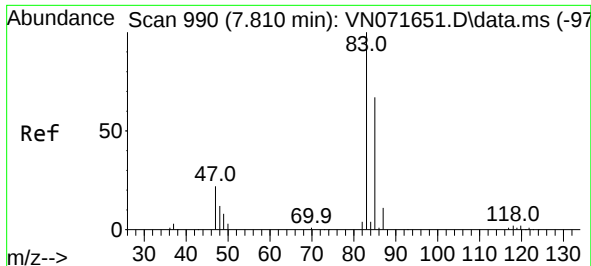
Ion Ratio Lower Upper

42 100

72 23.4 39.7 59.5#

71 0.0 36.6 55.0#

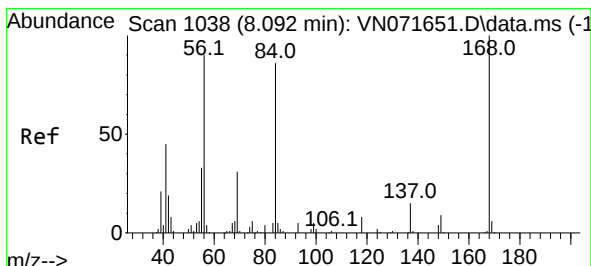
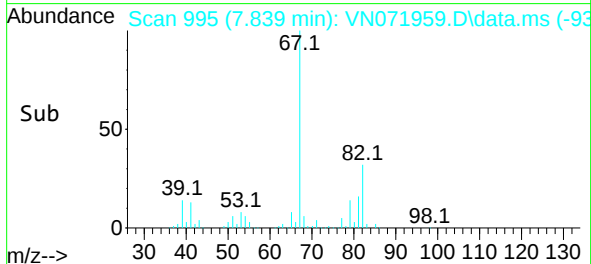
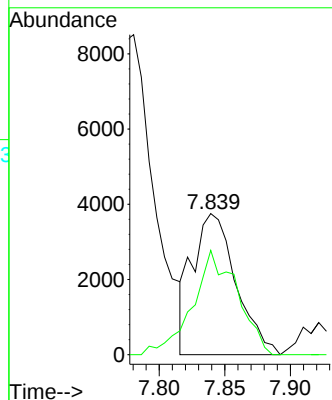
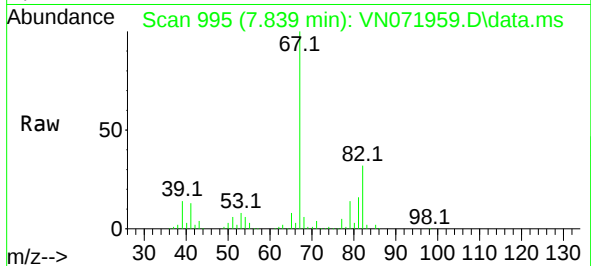




#30
Chloroform
Concen: 0.742 ug/l
RT: 7.839 min Scan# 990
Delta R.T. 0.029 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

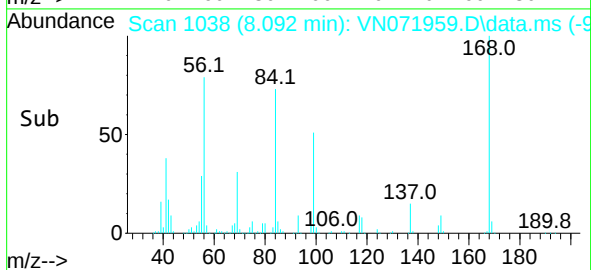
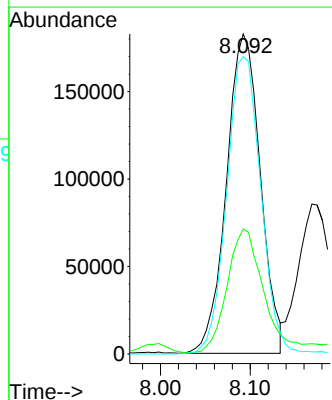
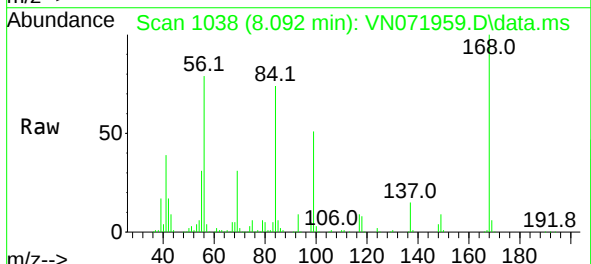
Instrument :
MSVOA_N
ClientSampleId :
INF0422

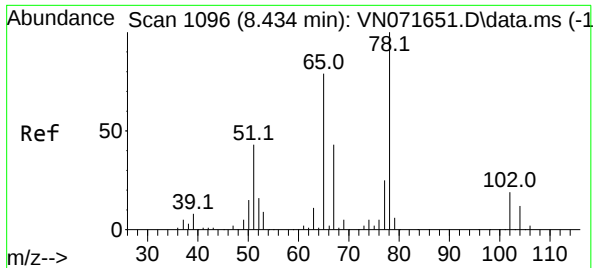
Tgt Ion: 83 Resp: 8626
Ion Ratio Lower Upper
83 100
85 74.0 51.8 77.8



#31
Cyclohexane
Concen: 47.977 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 56 Resp: 479280
Ion Ratio Lower Upper
56 100
69 38.5 27.8 41.8
84 93.0 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 45.749 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

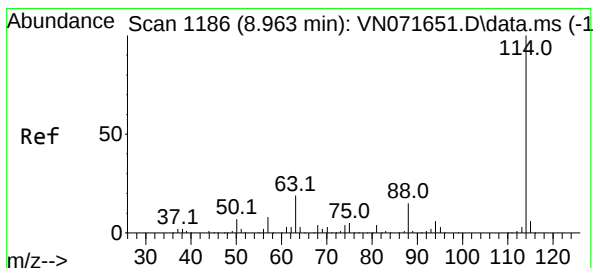
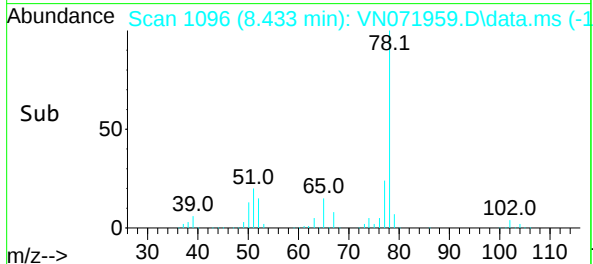
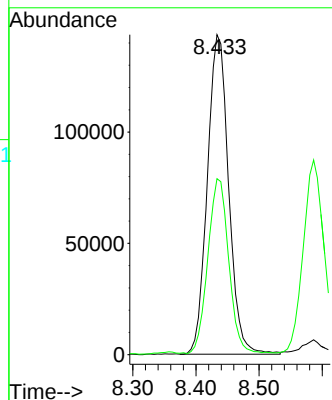
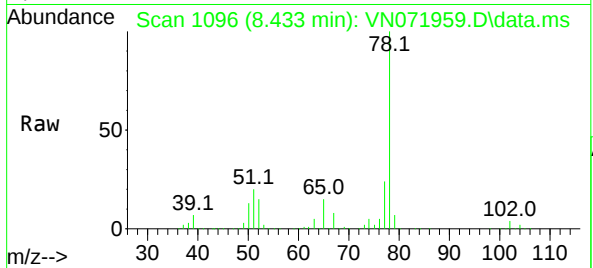
INF0422

Tgt Ion: 65 Resp: 336059

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

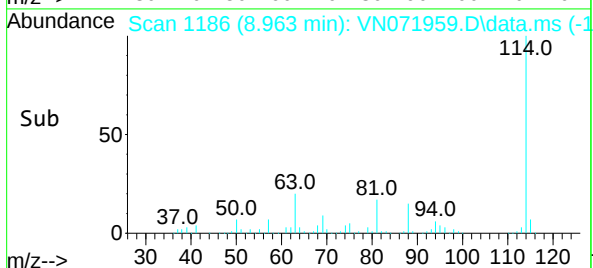
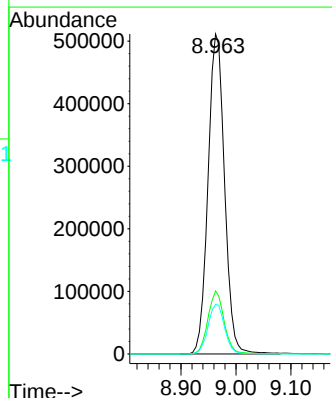
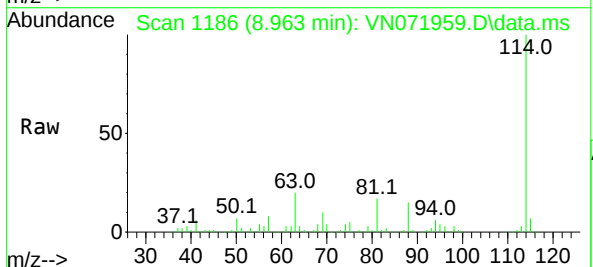
Tgt Ion: 114 Resp: 1067729

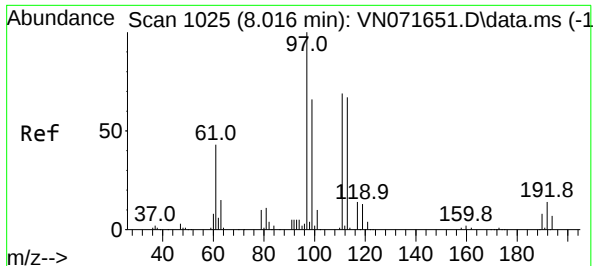
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.219 ug/l

RT: 8.022 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

INF0422

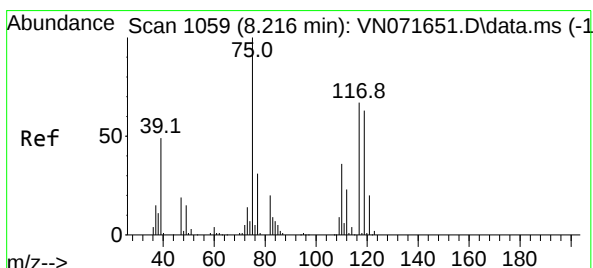
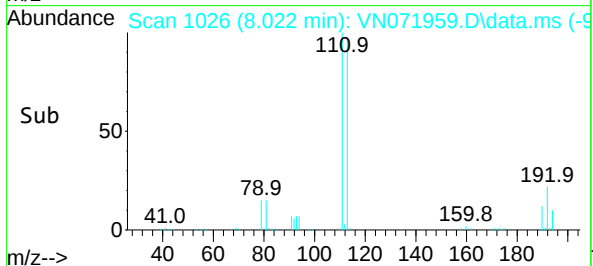
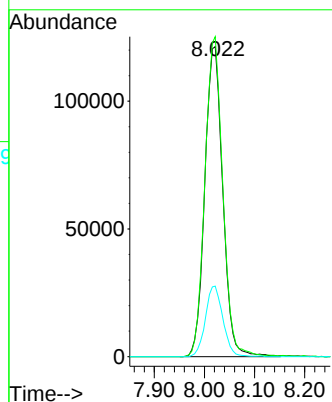
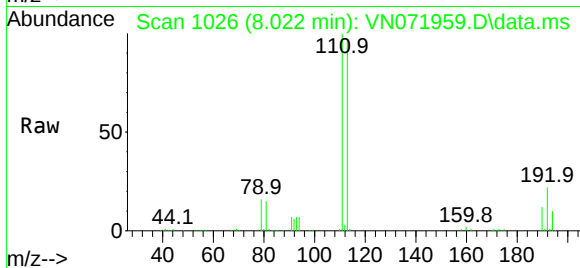
Tgt Ion:113 Resp: 302959

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 22.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

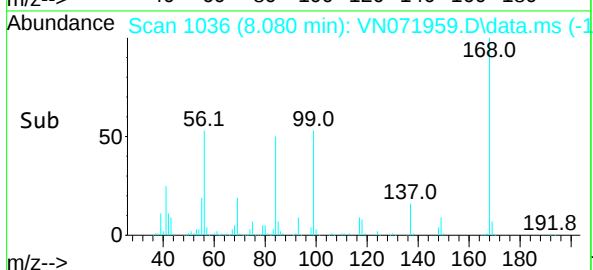
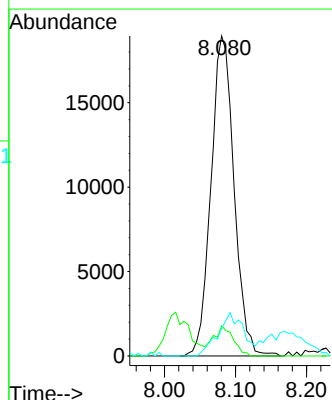
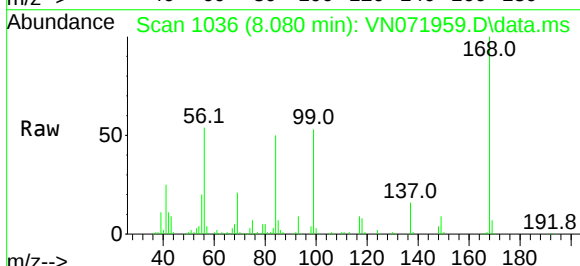
Tgt Ion: 75 Resp: 42722

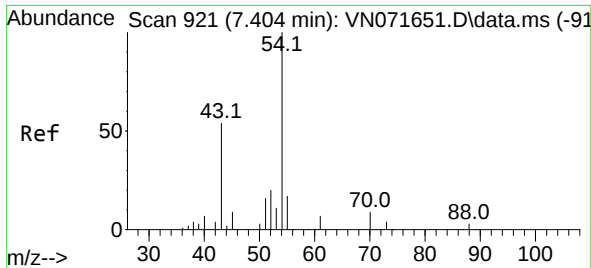
Ion Ratio Lower Upper

75 100

110 8.0 18.3 54.8#

77 0.0 25.1 37.7#

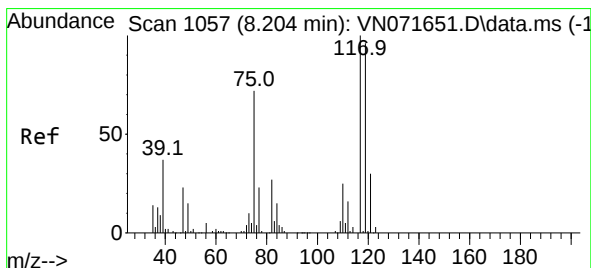
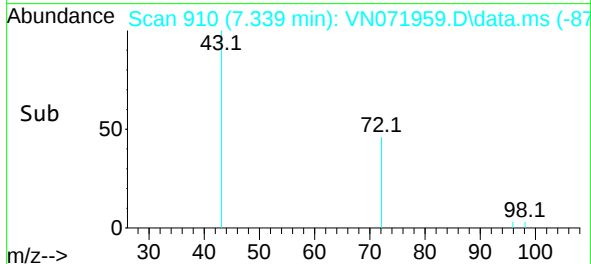
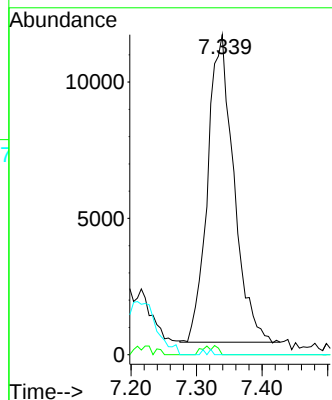
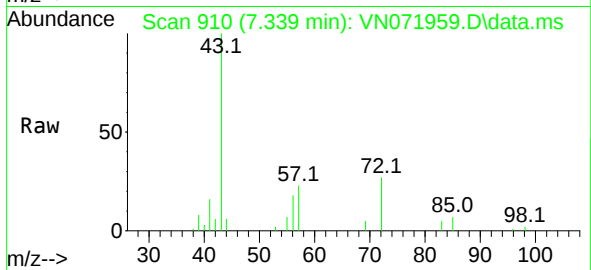




#37
Ethyl Acetate
Concen: 3.260 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

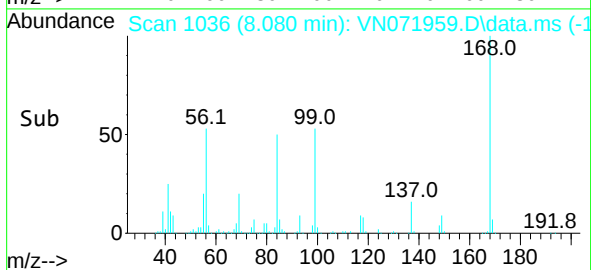
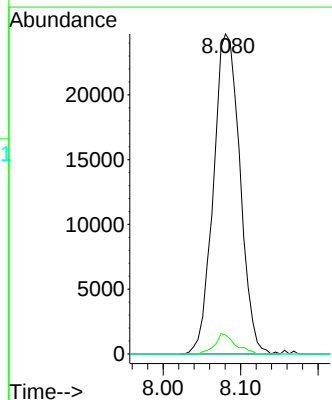
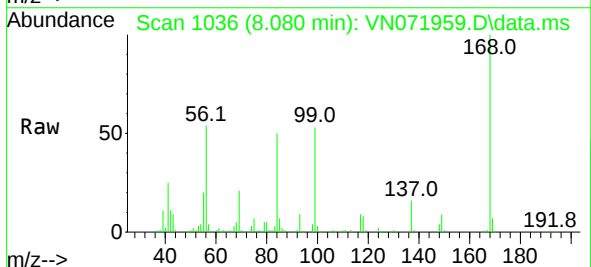
Instrument :
MSVOA_N
ClientSampleId :
INF0422

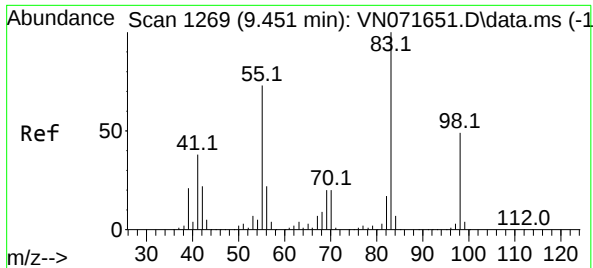
Tgt Ion: 43 Resp: 31304
Ion Ratio Lower Upper
43 100
61 1.7 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.833 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.124 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 117 Resp: 58758
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 24.753 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

INF0422

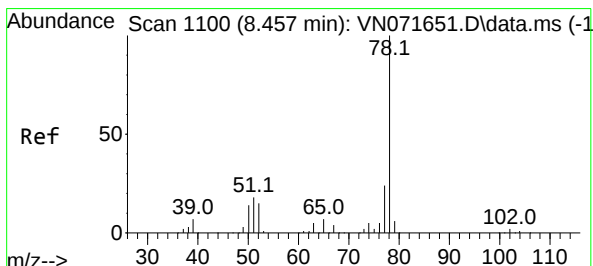
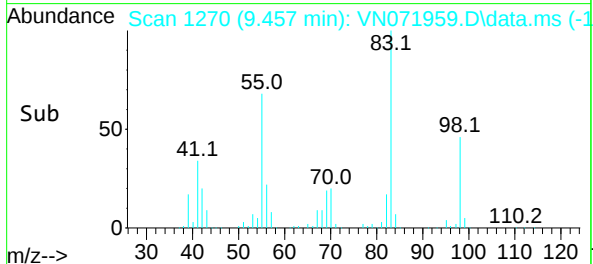
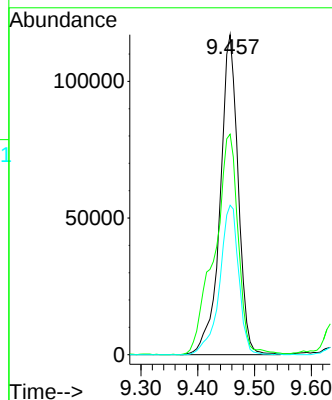
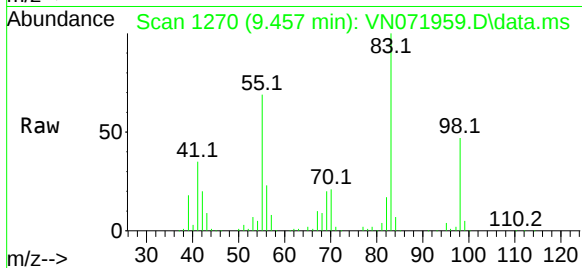
Tgt Ion: 83 Resp: 258523

Ion Ratio Lower Upper

83 100

55 68.9 57.8 86.8

98 46.7 39.4 59.2



#40

Benzene

Concen: 295.594 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071959.D

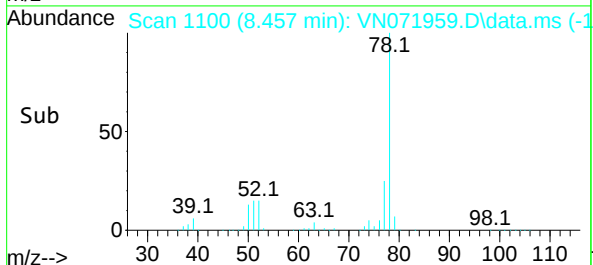
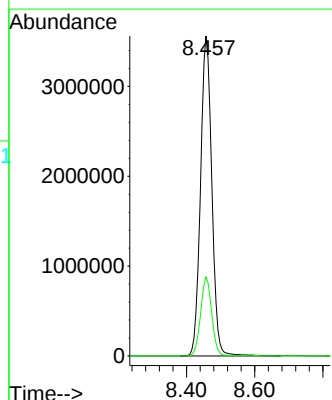
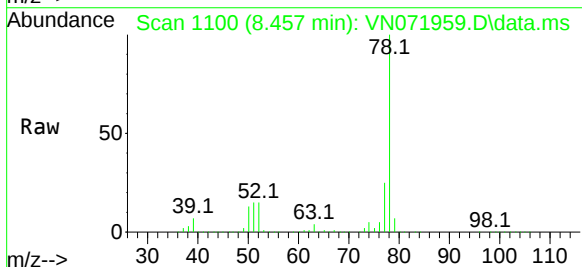
Acq: 12 Apr 2022 17:25

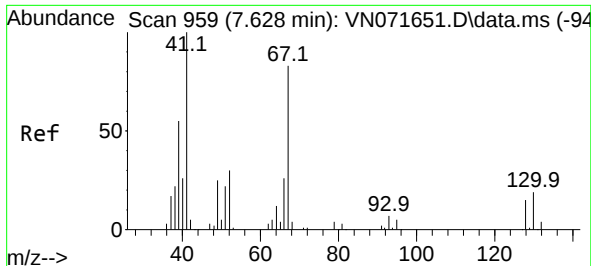
Tgt Ion: 78 Resp: 8192836

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

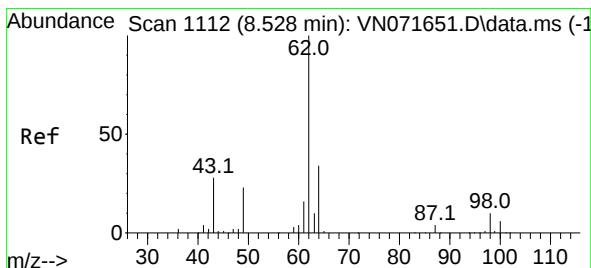
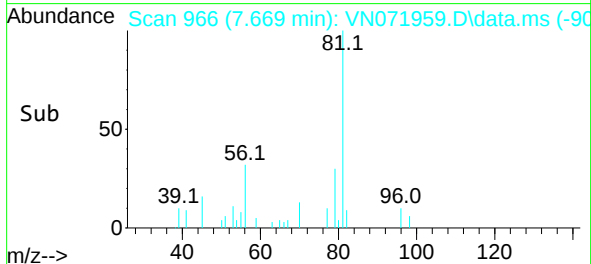
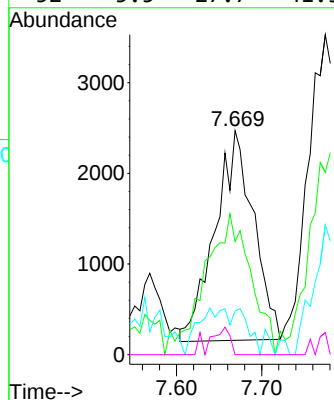
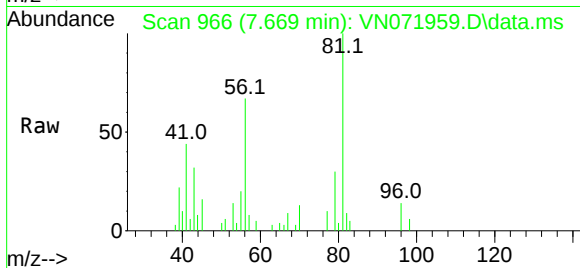




#41
Methacrylonitrile
Concen: 1.543 ug/l
RT: 7.669 min Scan# 91
Delta R.T. 0.041 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

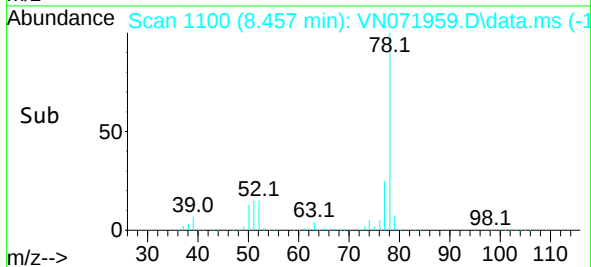
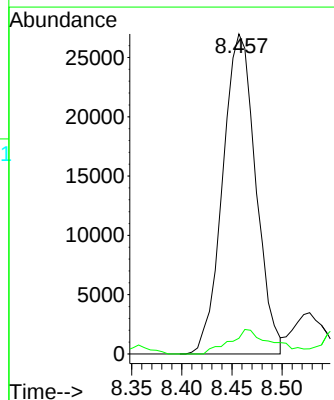
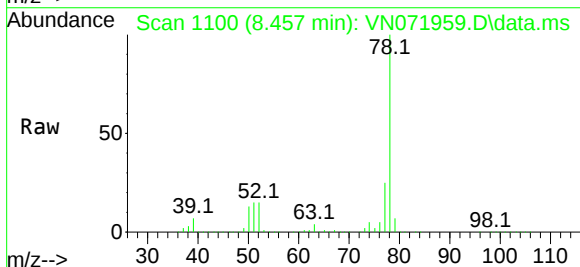
Instrument :
MSVOA_N
ClientSampleId :
INF0422

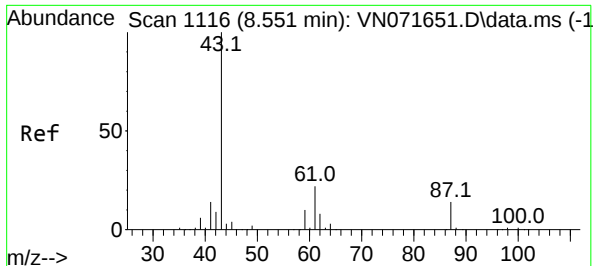
Tgt Ion:	41	Resp:	7257
Ion	Ratio	Lower	Upper
41	100		
39	79.9	48.6	73.0#
67	0.0	73.4	110.2#
52	5.5	27.7	41.5#



#42
1,2-Dichloroethane
Concen: 6.463 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.071 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion:	62	Resp:	61962
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4

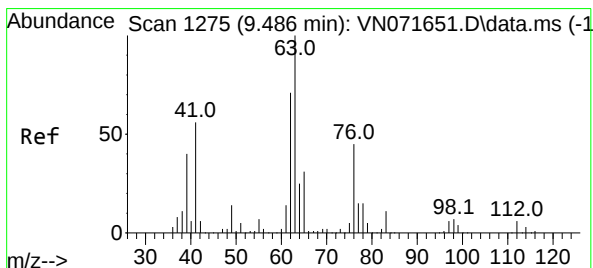
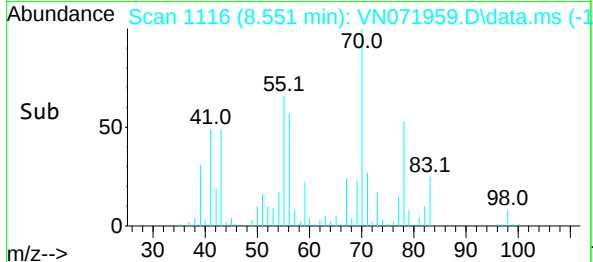
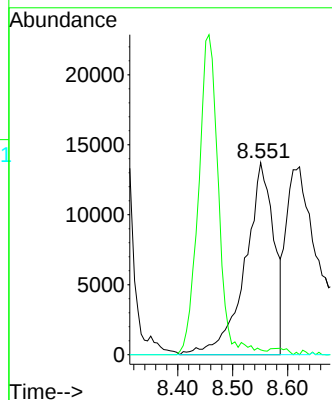
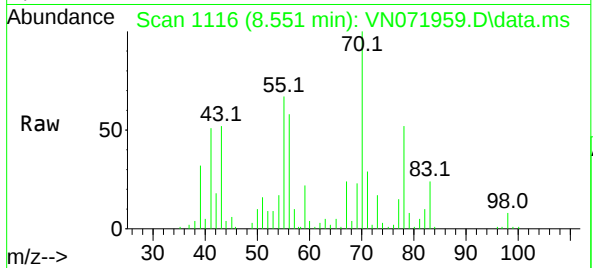




#43
Isopropyl Acetate
Concen: 3.126 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

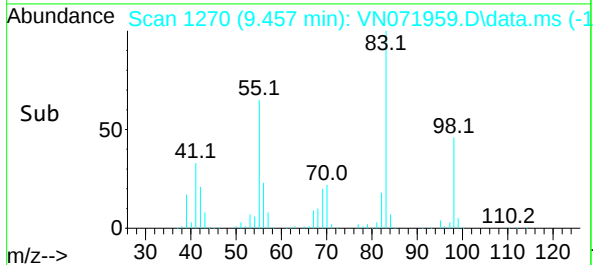
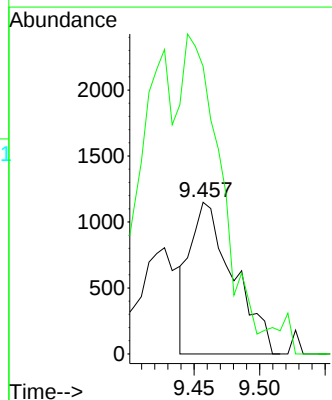
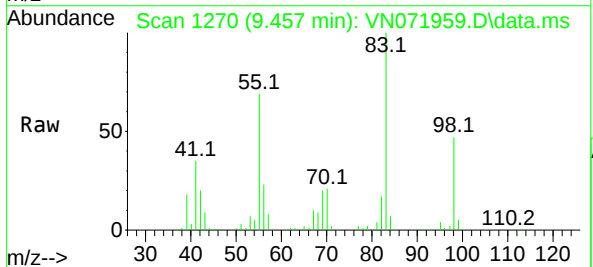
Instrument :
MSVOA_N
ClientSampleId :
INF0422

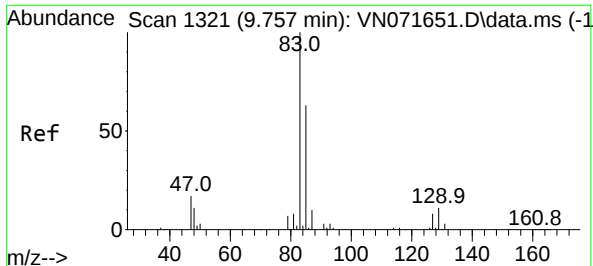
Tgt Ion: 43 Resp: 49933
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.378 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.029 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 63 Resp: 2618
Ion Ratio Lower Upper
63 100
65 174.4 24.9 37.3#

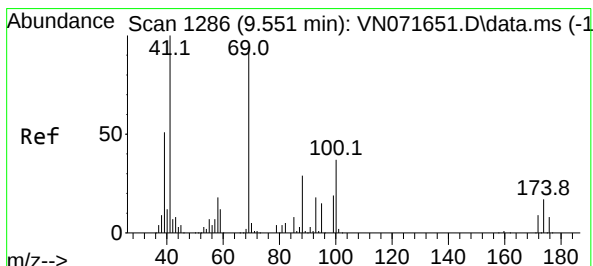
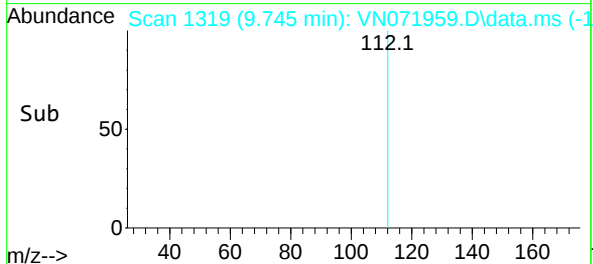
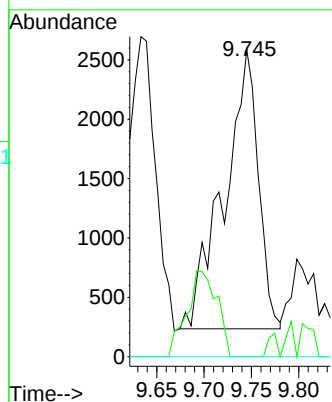
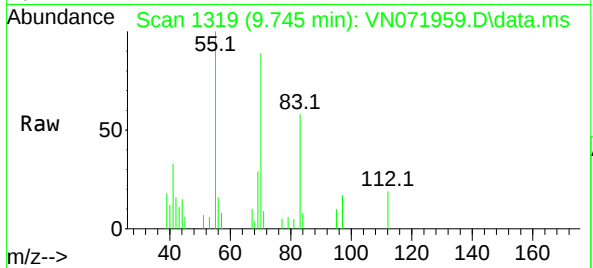




#47
Bromodichloromethane
Concen: 0.640 ug/l
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

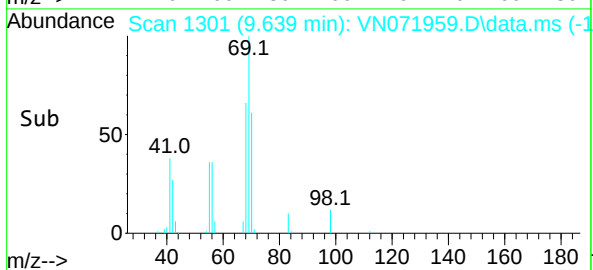
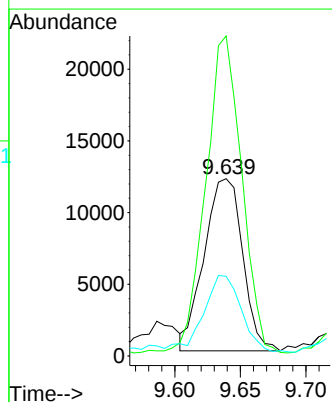
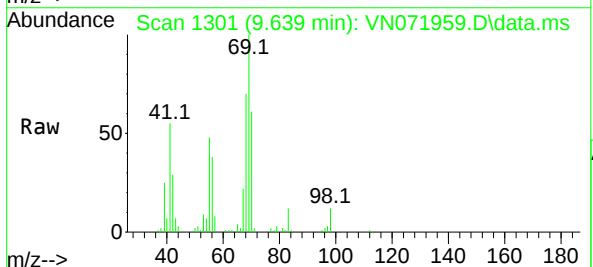
Instrument :
MSVOA_N
ClientSampleId :
INF0422

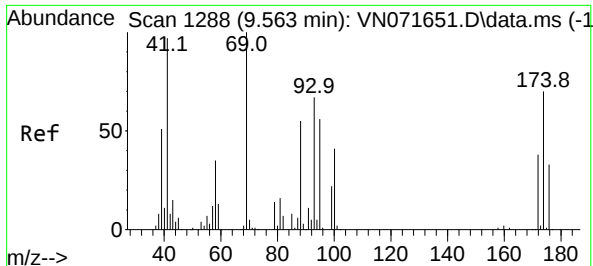
Tgt Ion: 83 Resp: 5922
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 3.699 ug/l
RT: 9.639 min Scan# 1301
Delta R.T. 0.088 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 41 Resp: 24511
Ion Ratio Lower Upper
41 100
69 172.8 74.7 112.1#
39 44.1 45.6 68.4#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.574 min Scan# 1288

Delta R.T. 0.011 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

INF0422

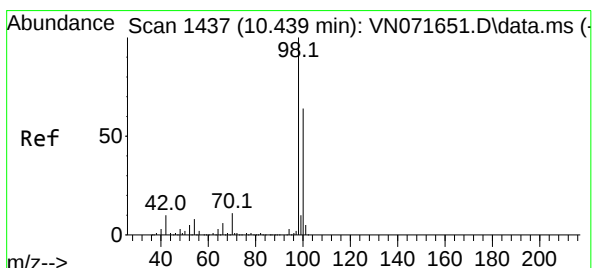
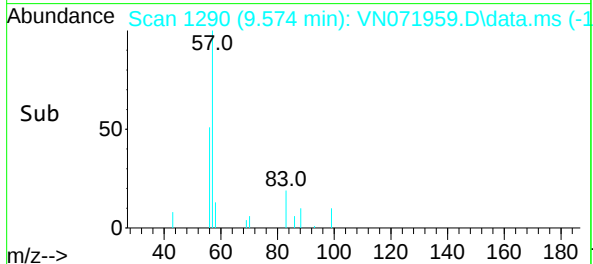
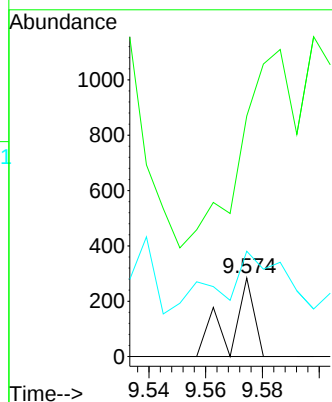
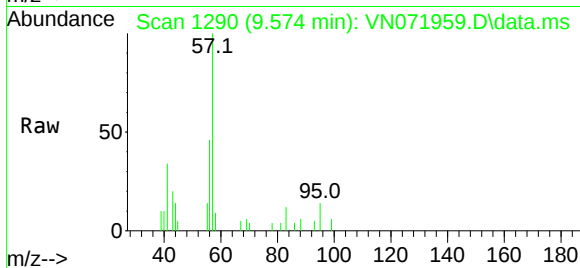
Tgt Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

43 752.8 20.2 30.4#

58 558.9 54.2 81.4#



#50

Toluene-d8

Concen: 52.516 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071959.D

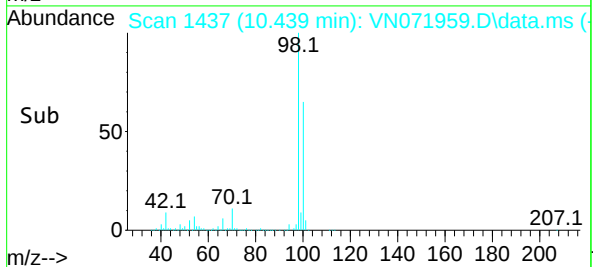
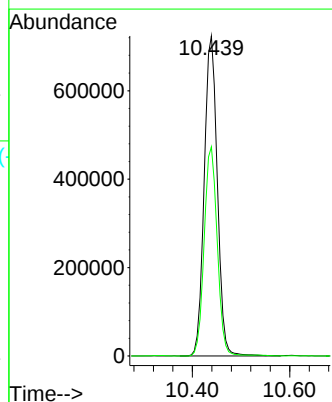
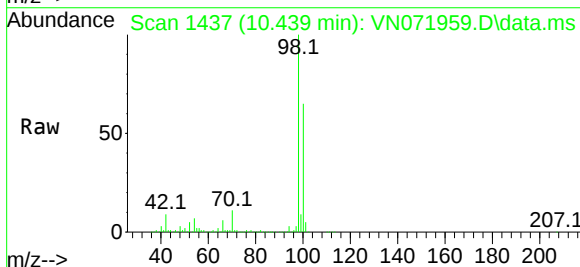
Acq: 12 Apr 2022 17:25

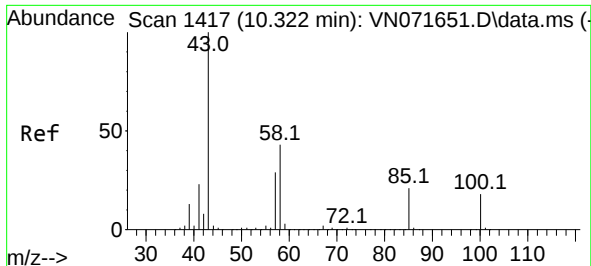
Tgt Ion: 98 Resp: 1349779

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

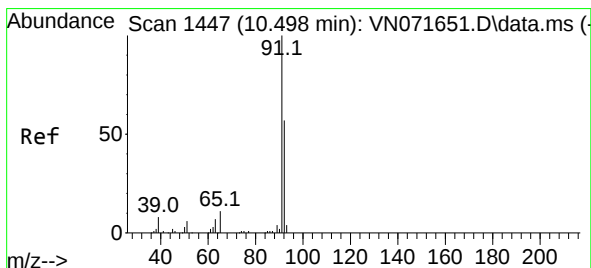
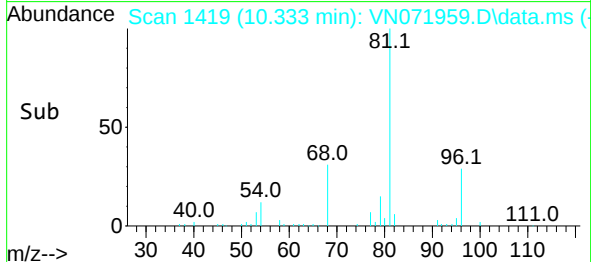
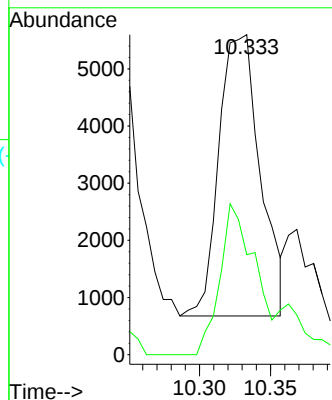
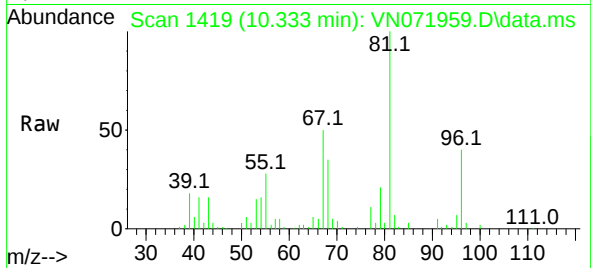




#51
4-Methyl-2-Pentanone
Concen: 1.087 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.011 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

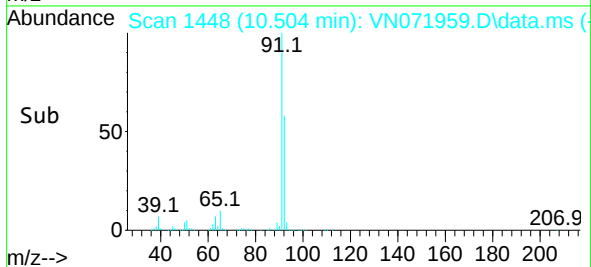
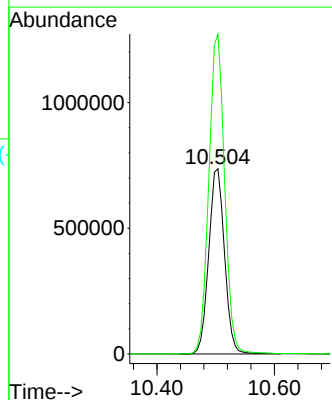
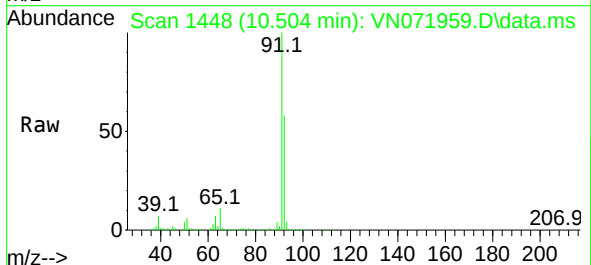
Instrument :
MSVOA_N
ClientSampleId :
INF0422

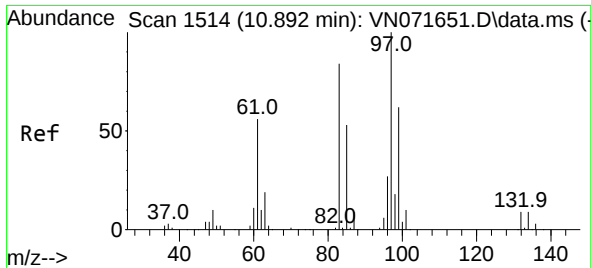
Tgt Ion: 43 Resp: 9979
Ion Ratio Lower Upper
43 100
58 57.4 34.1 51.1#



#52
Toluene
Concen: 78.316 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 92 Resp: 1372126
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8

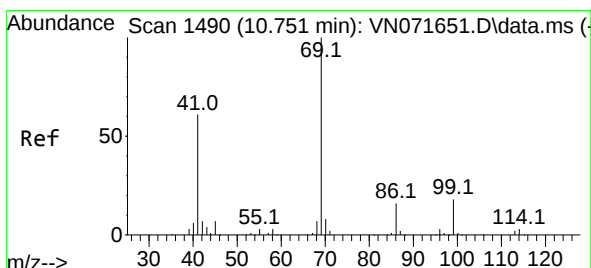
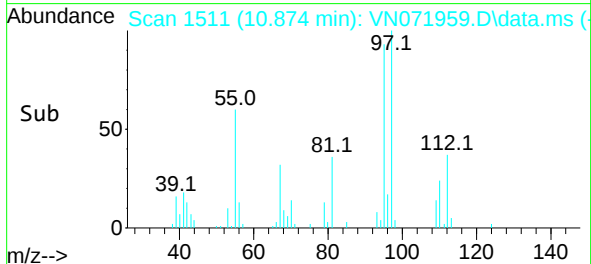
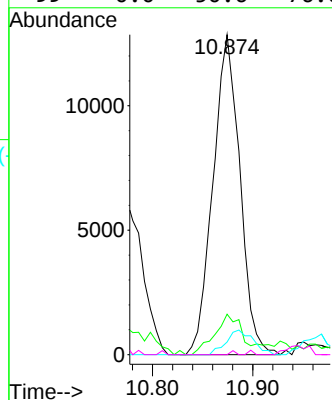
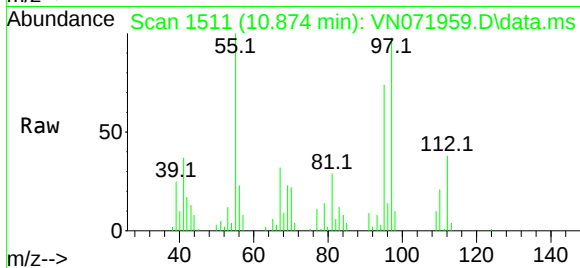




#55
1,1,2-Trichloroethane
Concen: 3.320 ug/l
RT: 10.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

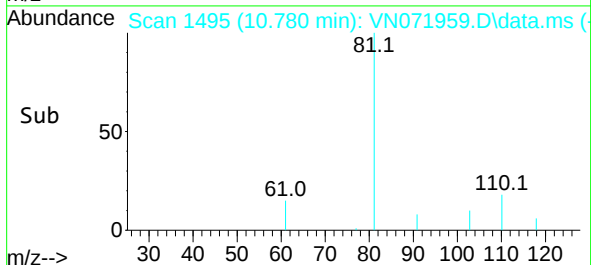
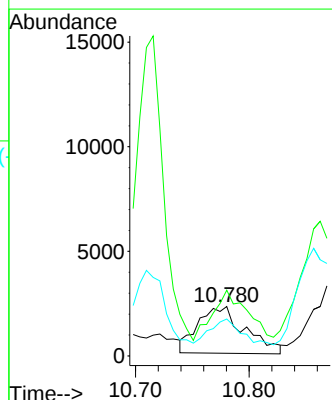
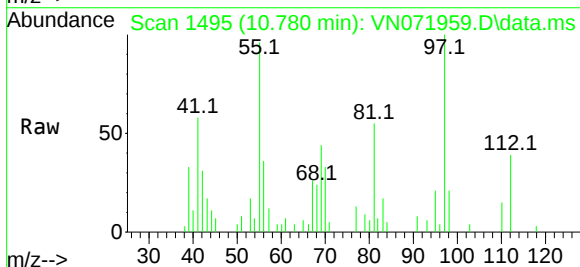
Instrument :
MSVOA_N
ClientSampleId :
INF0422

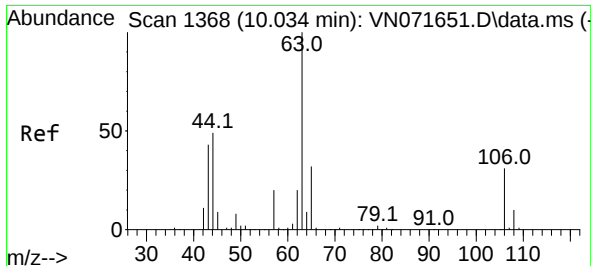
Tgt Ion: 97	Resp: 23940
Ion Ratio	Lower Upper
97 100	
83 11.3	66.2 99.4#
85 4.0	43.9 65.9#
99 0.0	50.6 76.0#



#56
Ethyl methacrylate
Concen: 0.620 ug/l
RT: 10.780 min Scan# 1495
Delta R.T. 0.029 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 69	Resp: 6380
Ion Ratio	Lower Upper
69 100	
41 79.3	47.8 71.6#
39 0.0	27.3 40.9#

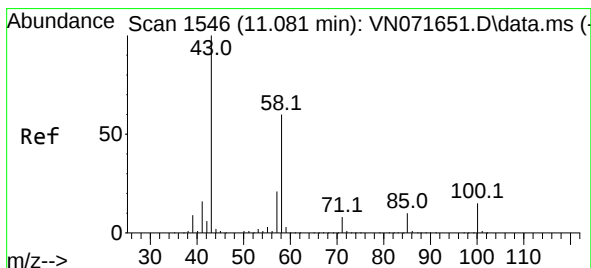
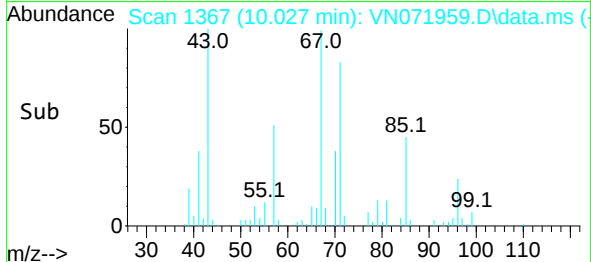
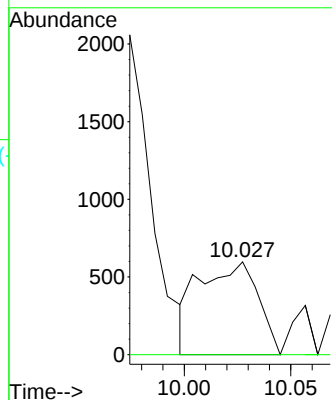
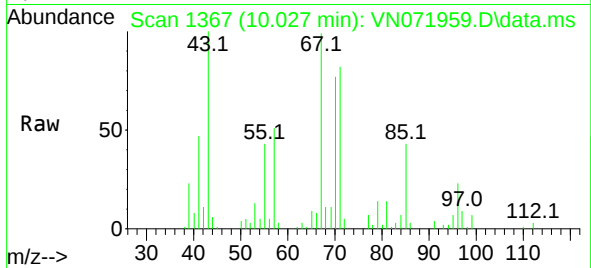




#58
2-Chloroethyl Vinyl ether
Concen: 17.302 ug/l
RT: 10.027 min Scan# 1139
Delta R.T. -0.007 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

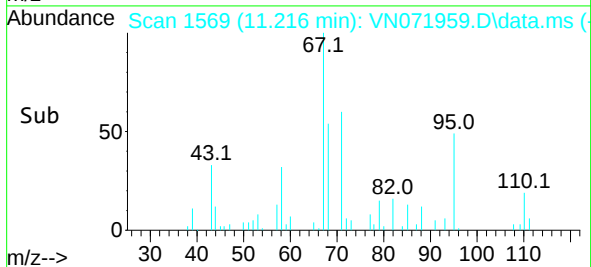
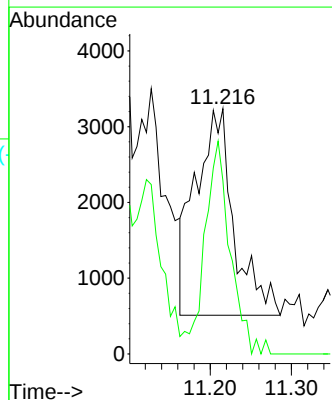
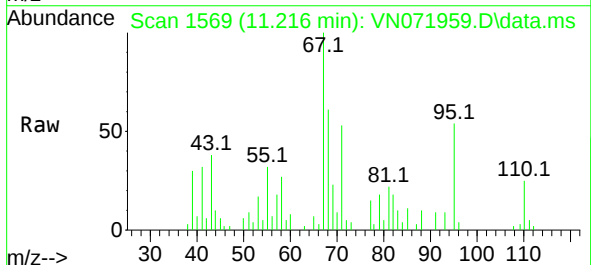
Instrument :
MSVOA_N
ClientSampleId :
INF0422

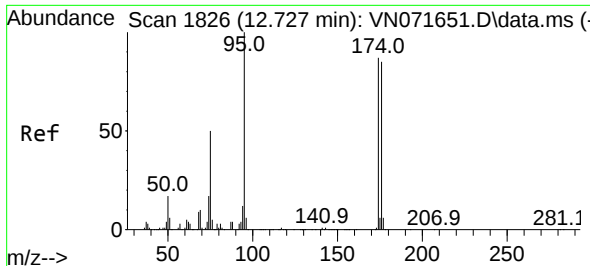
Tgt Ion: 63 Resp: 1139
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 1.384 ug/l
RT: 11.216 min Scan# 1569
Delta R.T. 0.135 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 43 Resp: 8949
Ion Ratio Lower Upper
43 100
58 66.3 29.7 89.1

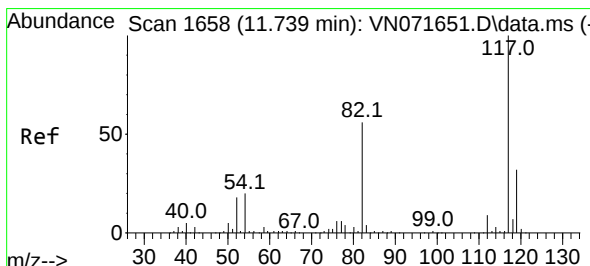
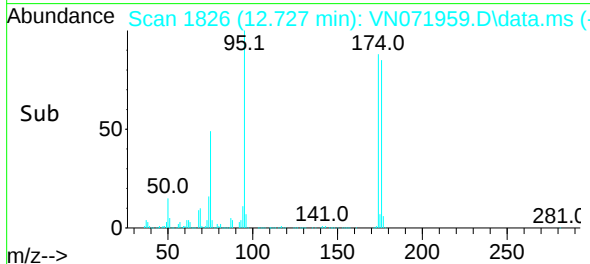
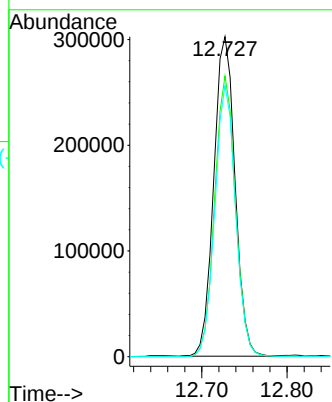
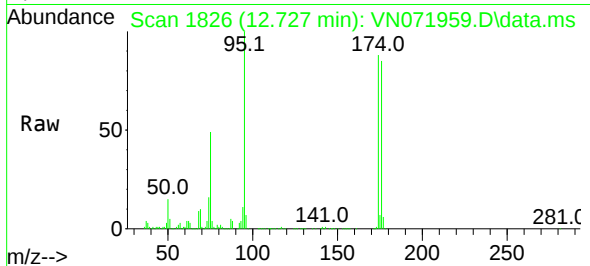




#62
4-Bromofluorobenzene
Concen: 63.025 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

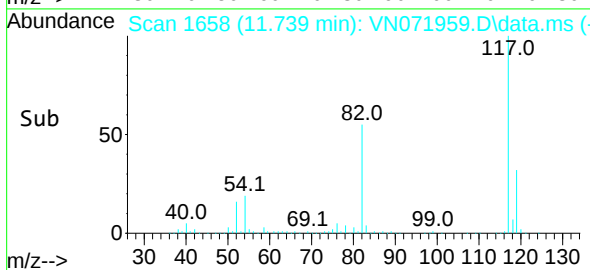
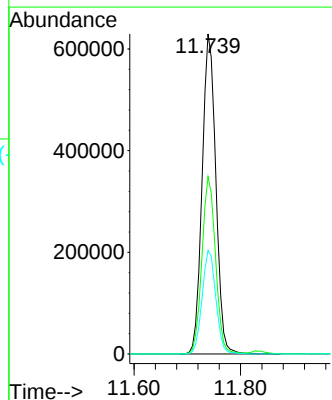
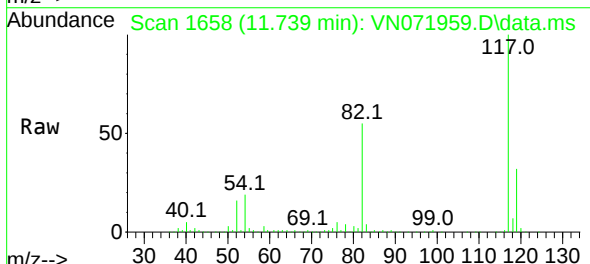
Instrument :
MSVOA_N
ClientSampleId :
INF0422

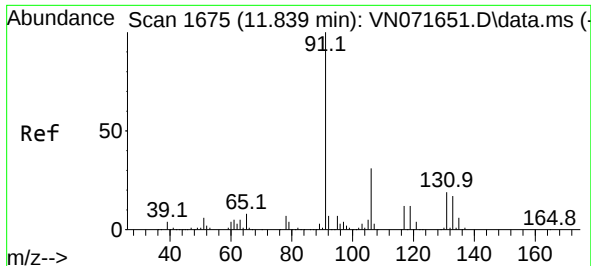
Tgt Ion: 95 Resp: 523897
Ion Ratio Lower Upper
95 100
174 86.0 0.0 167.6
176 82.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 117 Resp: 1123697
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.4 25.4 38.0





#67

Ethyl Benzene

Concen: 241.405 ug/l

RT: 11.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

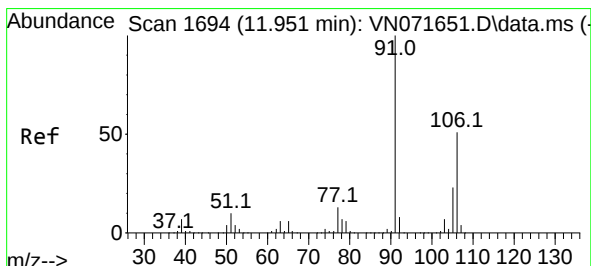
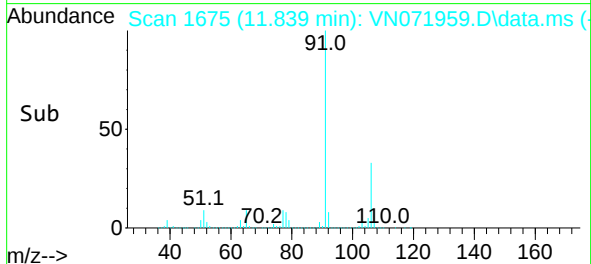
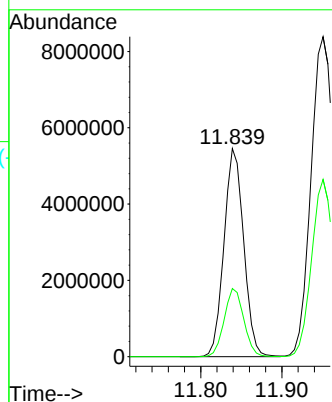
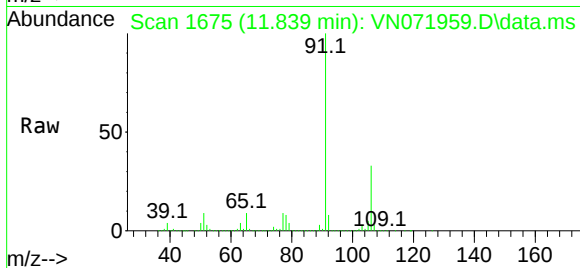
INF0422

Tgt Ion: 91 Resp: 9195162

Ion Ratio Lower Upper

91 100

106 32.8 24.9 37.3



#68

m/p-Xylenes

Concen: 606.970 ug/l

RT: 11.951 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VN071959.D

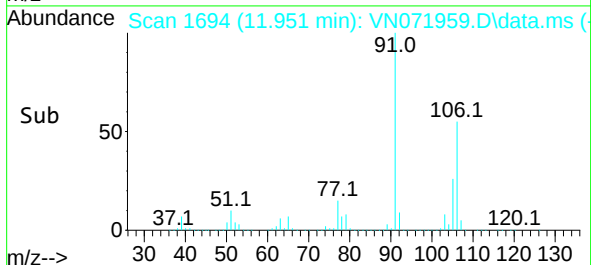
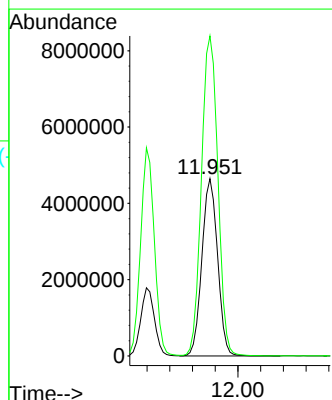
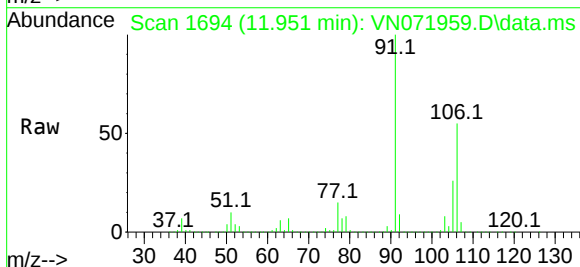
Acq: 12 Apr 2022 17:25

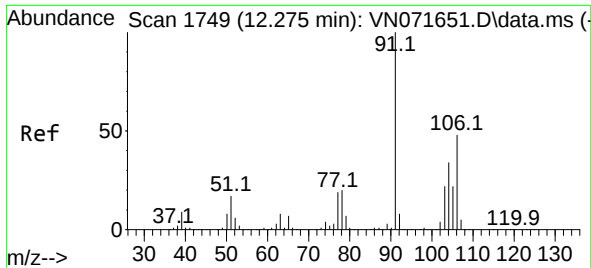
Tgt Ion:106 Resp: 8883114

Ion Ratio Lower Upper

106 100

91 189.1 158.9 238.3

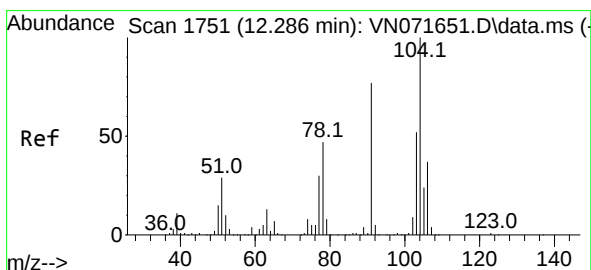
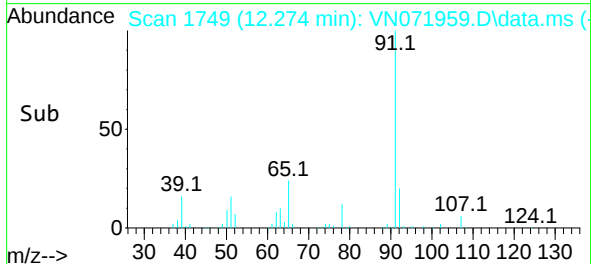
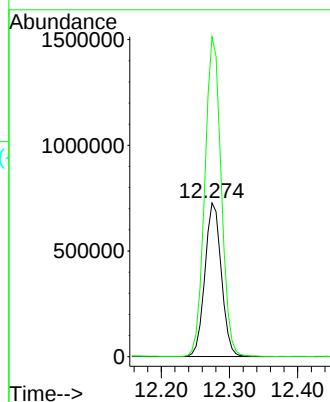
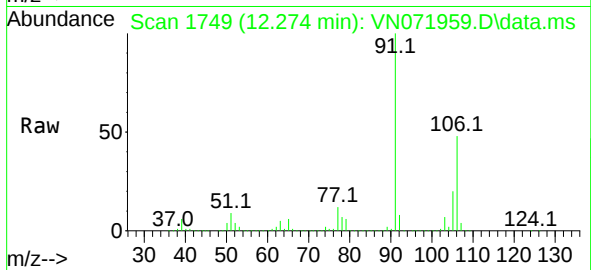




#69
o-Xylene
Concen: 83.841 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

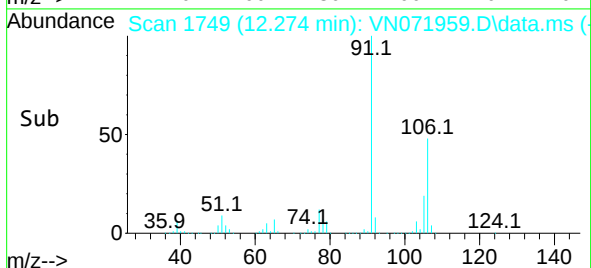
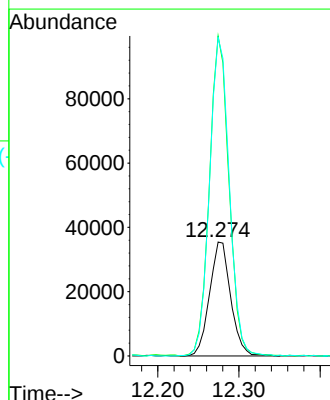
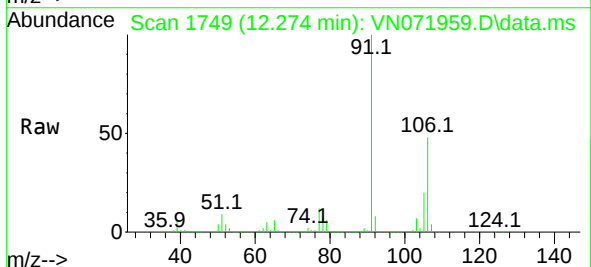
Instrument :
MSVOA_N
ClientSampleId :
INF0422

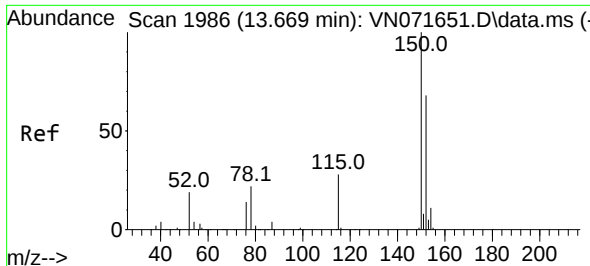
Tgt Ion:106 Resp: 1217905
Ion Ratio Lower Upper
106 100
91 208.0 106.0 318.0



#70
Styrene
Concen: 2.903 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion:104 Resp: 63904
Ion Ratio Lower Upper
104 100
78 261.3 39.5 59.3#
103 262.7 44.0 66.0#

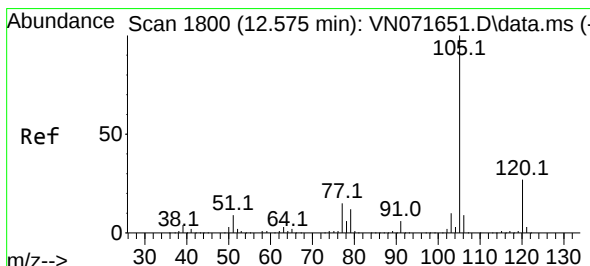
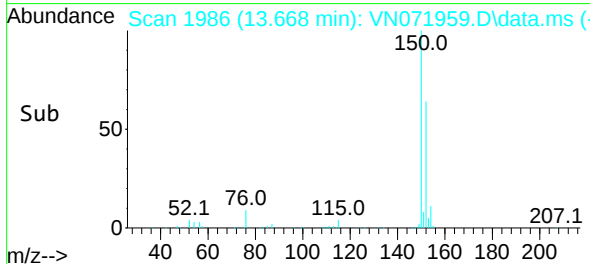
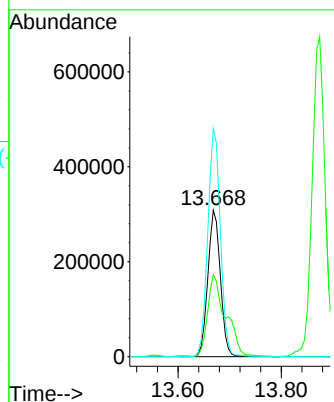
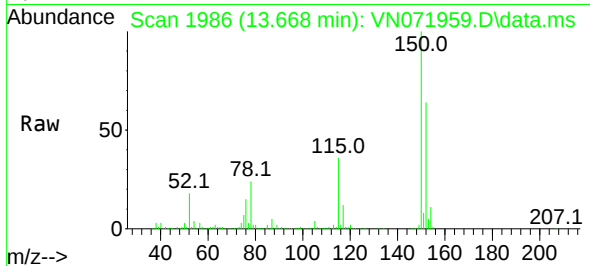




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

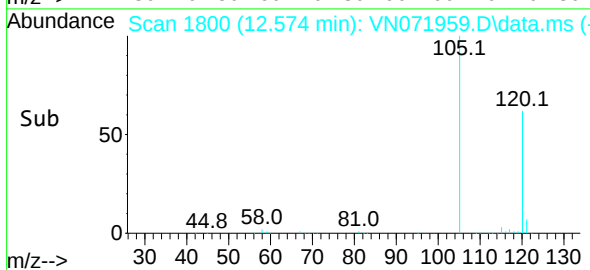
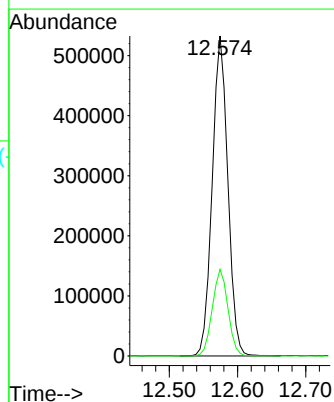
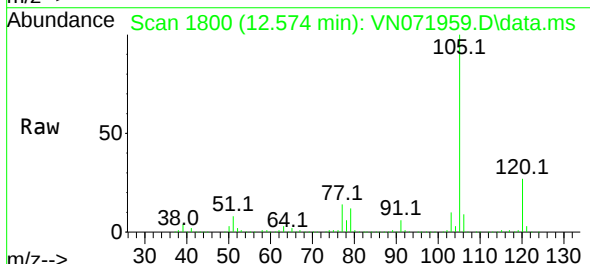
Instrument :
MSVOA_N
ClientSampleId :
INF0422

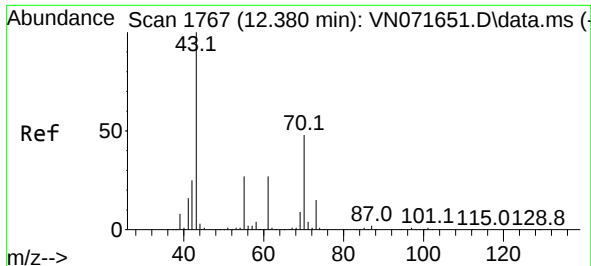
Tgt Ion:152 Resp: 519095
Ion Ratio Lower Upper
152 100
115 80.6 28.9 86.7
150 156.7 0.0 356.2



#73
Isopropylbenzene
Concen: 19.419 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion:105 Resp: 849441
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

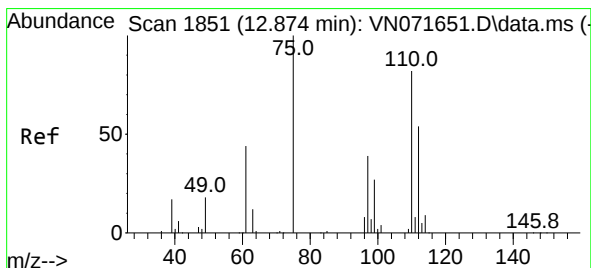
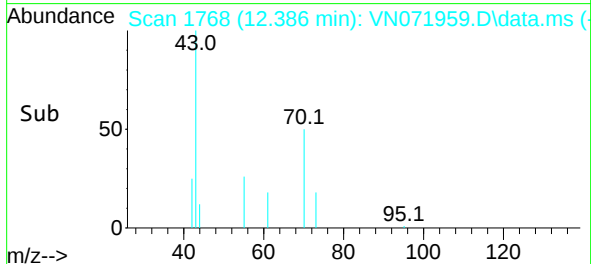
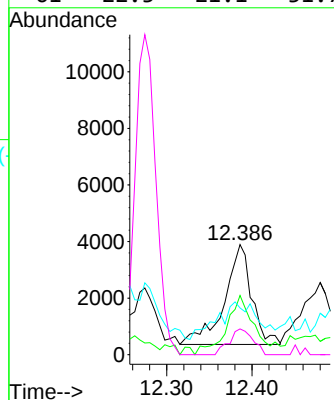
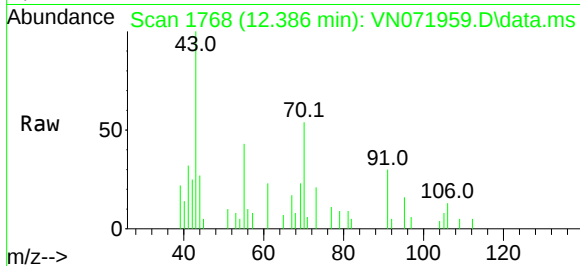




#74
N-amy1 acetate
Concen: 0.628 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

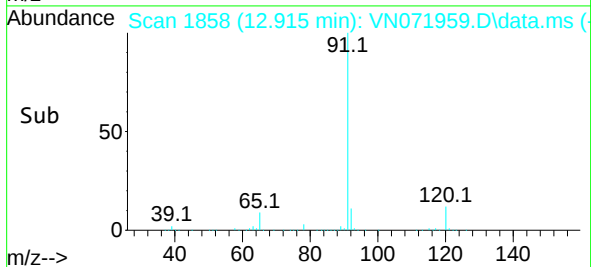
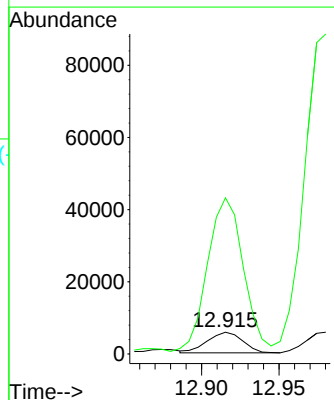
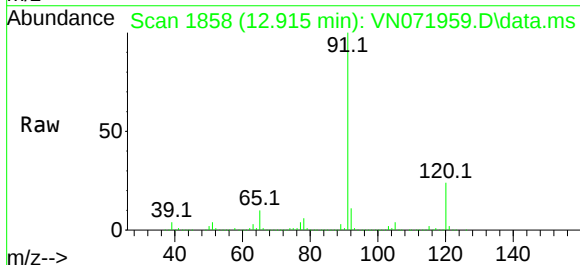
Instrument :
MSVOA_N
ClientSampleId :
INF0422

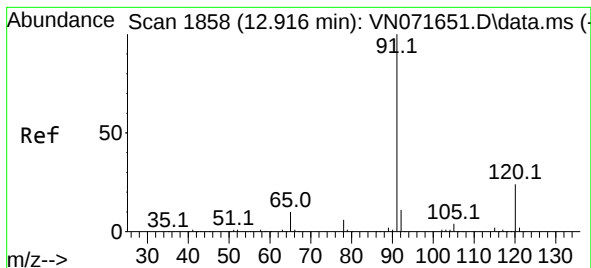
Tgt Ion: 43 Resp: 7877
Ion Ratio Lower Upper
43 100
70 61.3 39.0 58.4#
55 55.4 21.1 31.7#
61 22.3 21.1 31.7



#76
1,2,3-Trichloropropane
Concen: 0.749 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.041 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 75 Resp: 9004
Ion Ratio Lower Upper
75 100
77 756.3 98.5 295.5#





#78

n-propylbenzene

Concen: 39.463 ug/l

RT: 12.915 min Scan# 1858

Delta R.T. -0.001 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

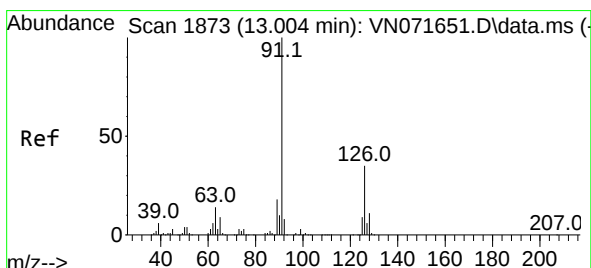
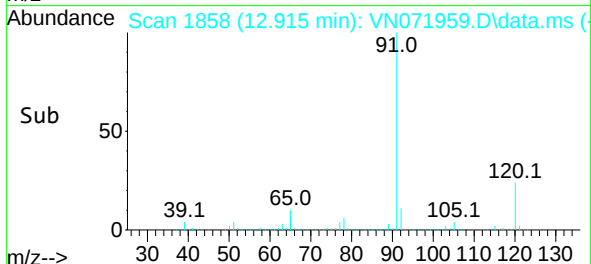
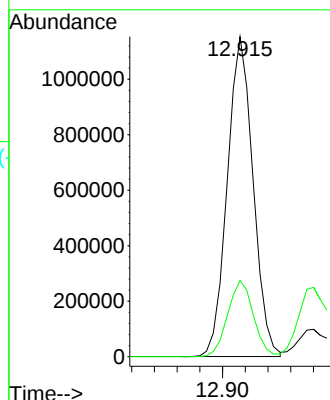
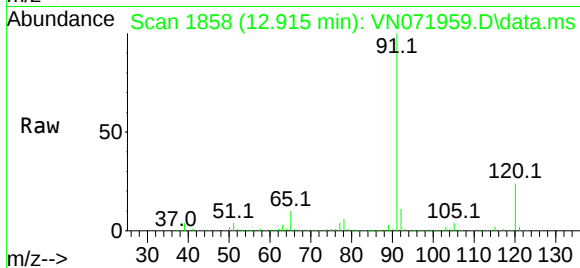
INF0422

Tgt Ion: 91 Resp: 1815806

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5



#79

2-Chlorotoluene

Concen: 7.202 ug/l

RT: 13.010 min Scan# 1874

Delta R.T. 0.006 min

Lab File: VN071959.D

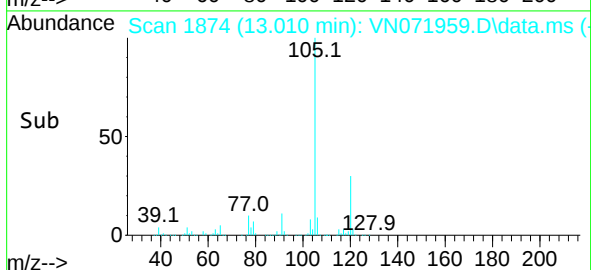
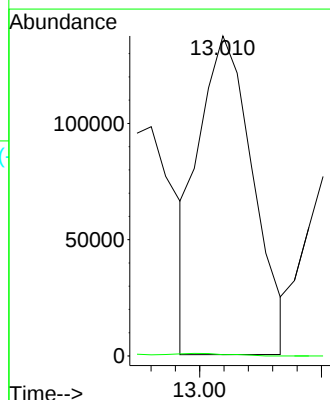
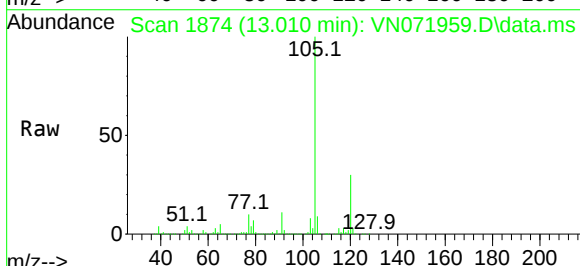
Acq: 12 Apr 2022 17:25

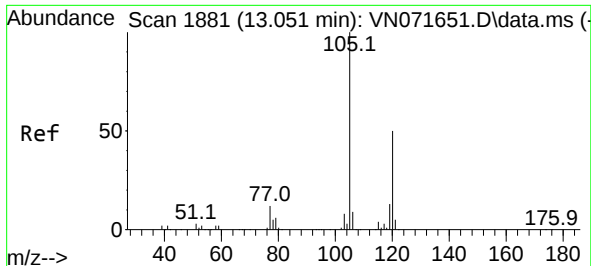
Tgt Ion: 91 Resp: 212510

Ion Ratio Lower Upper

91 100

126 0.9 17.3 51.9#

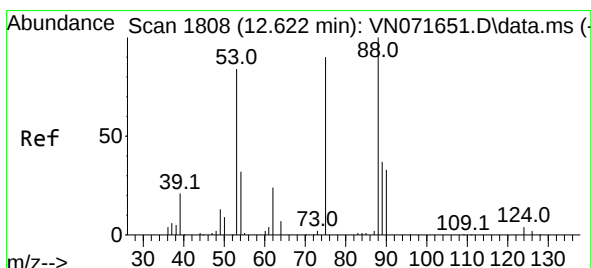
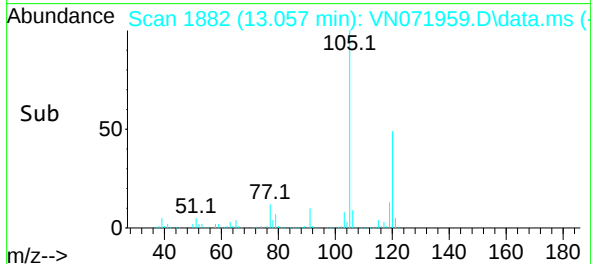
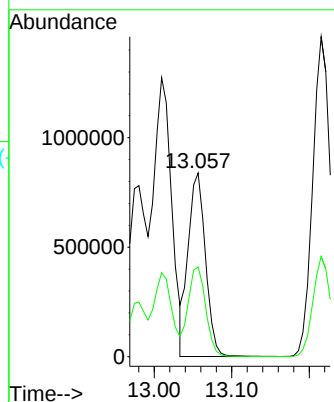
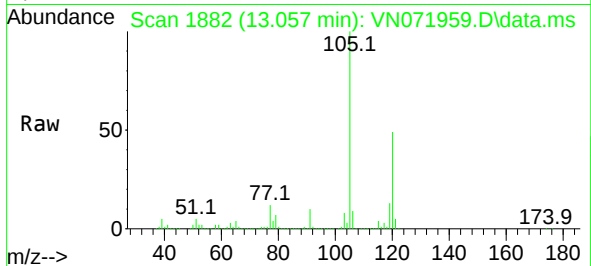




#80
1,3,5-Trimethylbenzene
Concen: 37.646 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

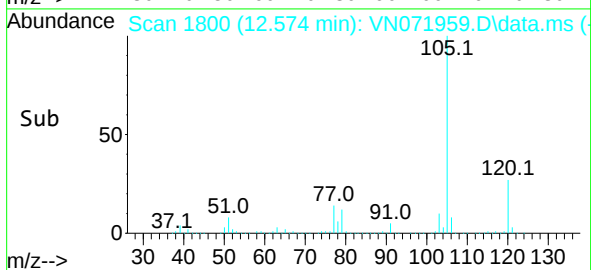
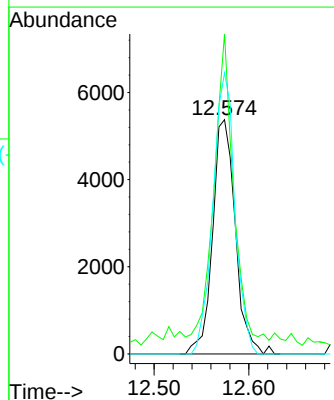
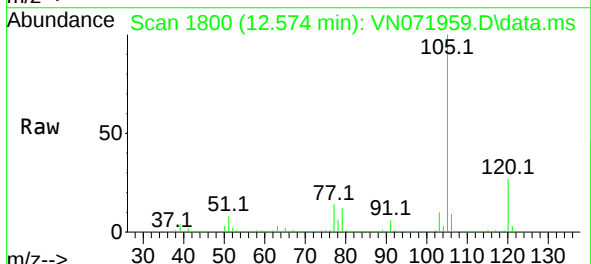
Instrument :
MSVOA_N
ClientSampleId :
INF0422

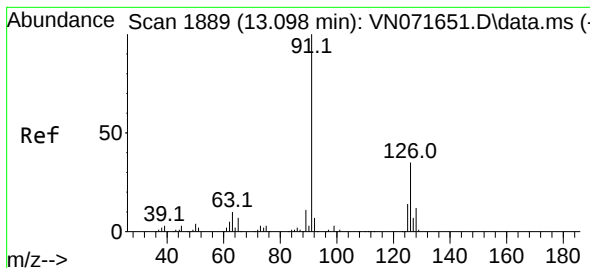
Tgt Ion:105 Resp: 1304742
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 2.309 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.048 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 75 Resp: 8961
Ion Ratio Lower Upper
75 100
53 112.3 78.0 117.0
89 115.9 37.2 55.8#





#82

4-Chlorotoluene

Concen: 4.932 ug/l

RT: 13.057 min Scan# 11

Delta R.T. -0.041 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

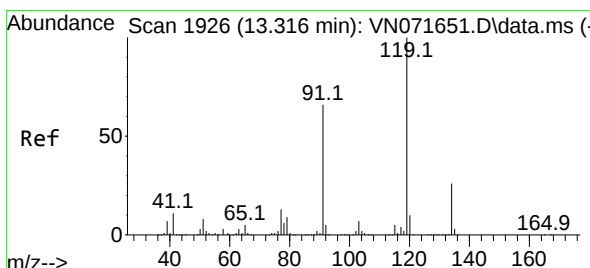
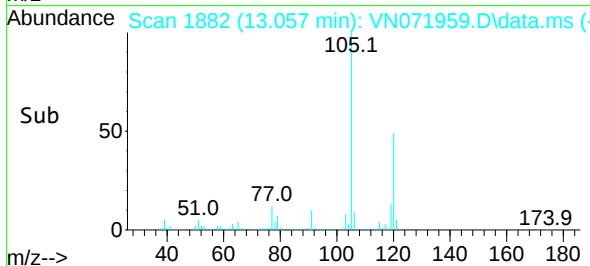
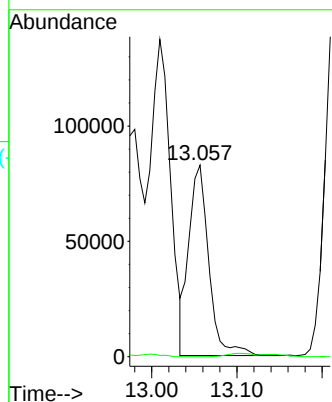
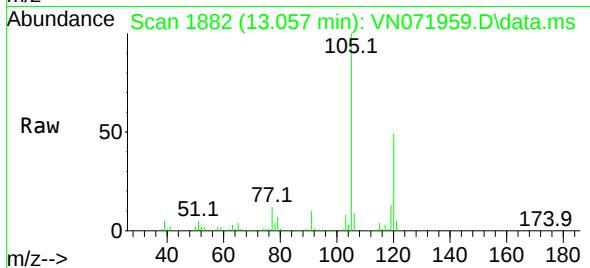
INF0422

Tgt Ion: 91 Resp: 134891

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



#83

tert-Butylbenzene

Concen: 25.604 ug/l

RT: 13.362 min Scan# 1934

Delta R.T. 0.046 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

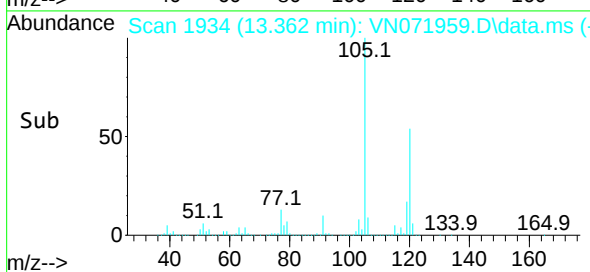
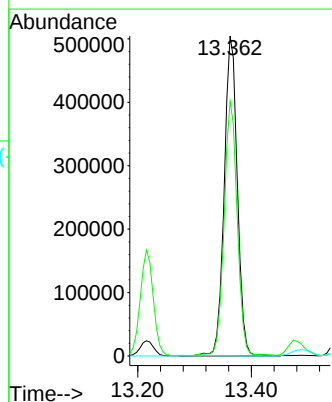
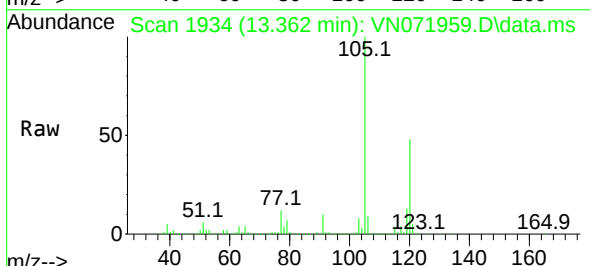
Tgt Ion: 119 Resp: 811144

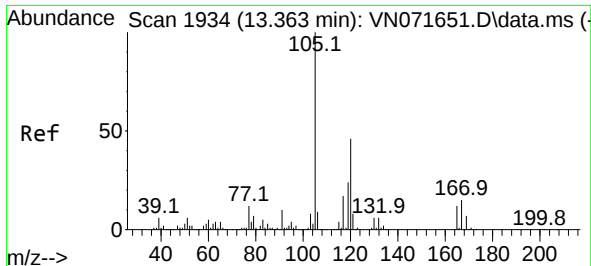
Ion Ratio Lower Upper

119 100

91 79.3 31.6 94.8

134 0.0 13.7 41.1#

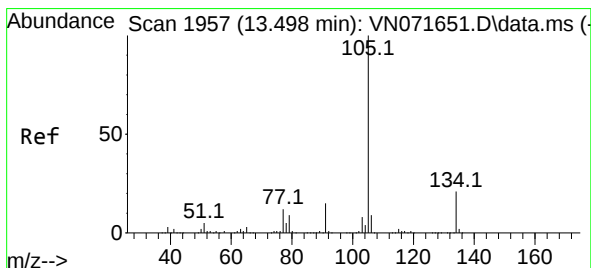
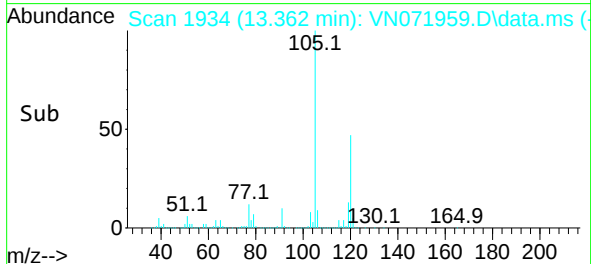
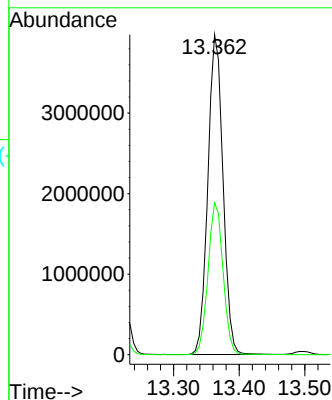
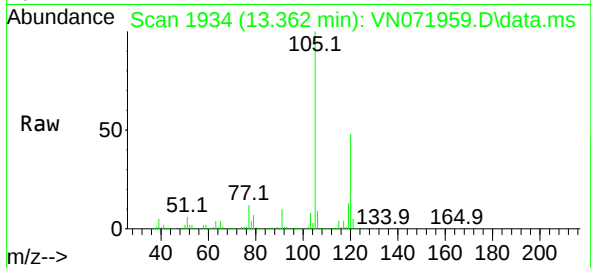




#84
1,2,4-Trimethylbenzene
Concen: 188.433 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

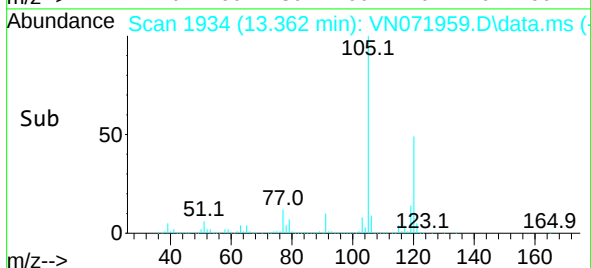
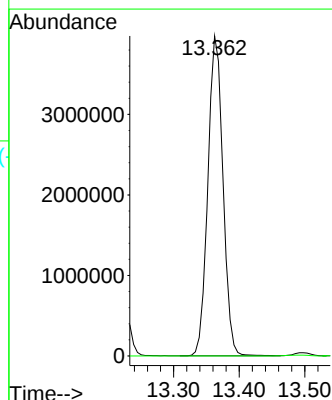
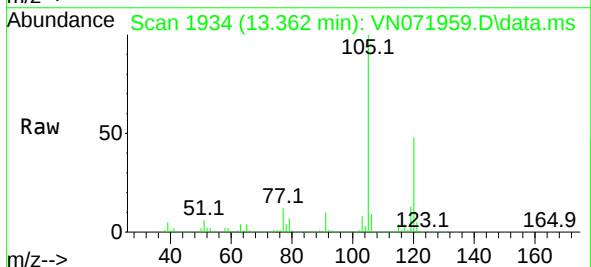
Instrument :
MSVOA_N
ClientSampleId :
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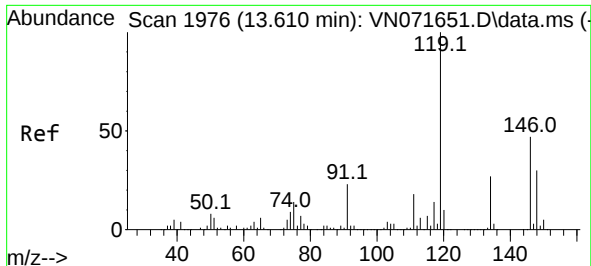
Tgt Ion:105 Resp: 6371973
Ion Ratio Lower Upper
105 100
120 47.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 155.154 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.136 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion:105 Resp: 6371973
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

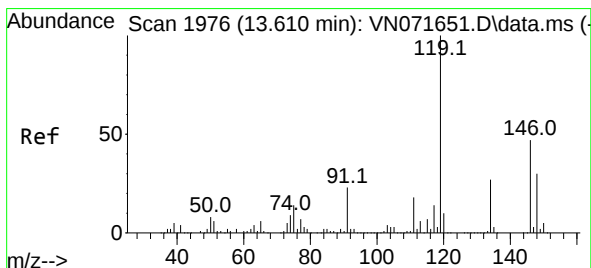
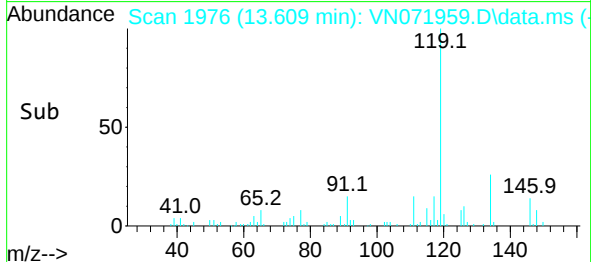
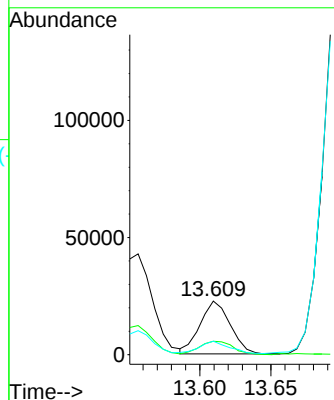
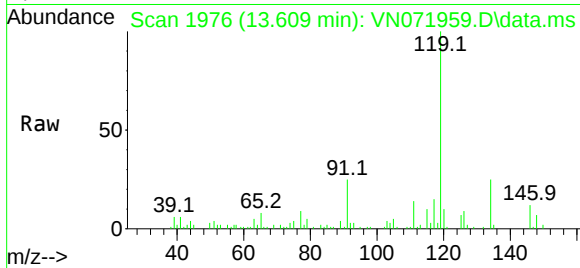




#86
p-Isopropyltoluene
Concen: 1.010 ug/l
RT: 13.609 min Scan# 1975
Delta R.T. -0.001 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

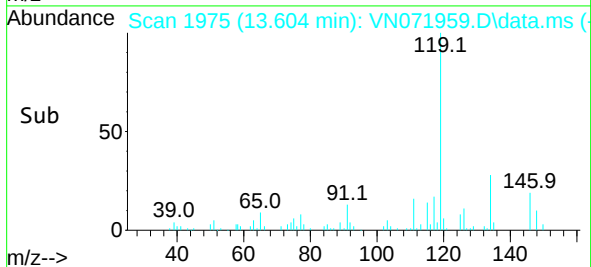
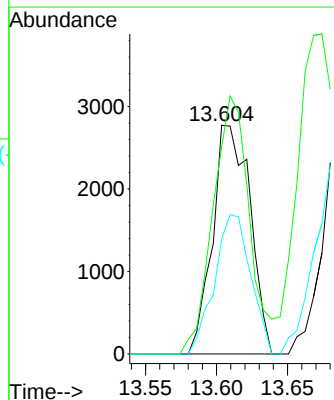
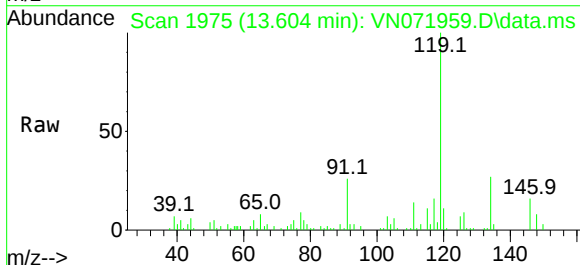
Instrument :
MSVOA_N
ClientSampleId :
INF0422

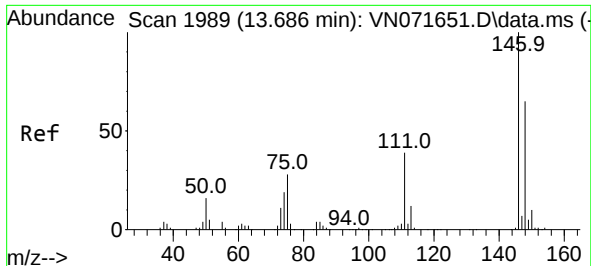
Tgt Ion:119 Resp: 33065
Ion Ratio Lower Upper
119 100
134 28.8 13.3 39.8
91 0.0 11.3 33.9#



#87
1,3-Dichlorobenzene
Concen: 0.291 ug/l
RT: 13.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion:146 Resp: 5075
Ion Ratio Lower Upper
146 100
111 109.8 20.0 60.0#
148 58.9 32.0 96.0

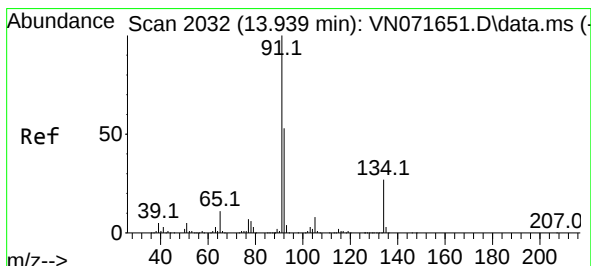
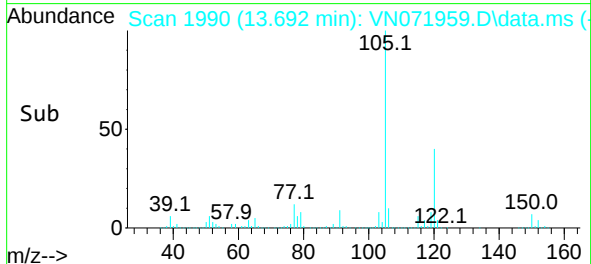
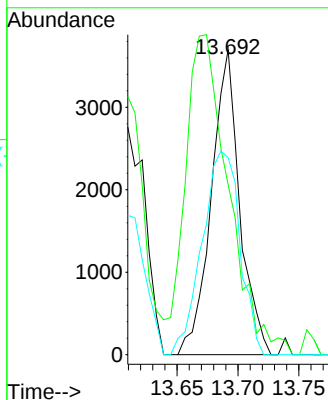
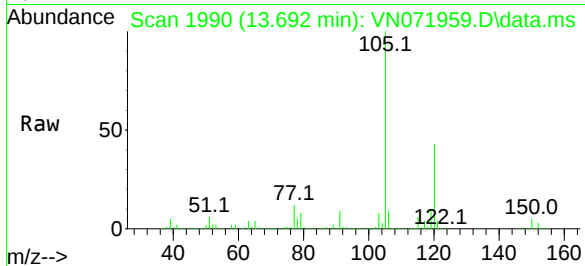




#88
1,4-Dichlorobenzene
Concen: 0.353 ug/l
RT: 13.692 min Scan# 1989
Delta R.T. 0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

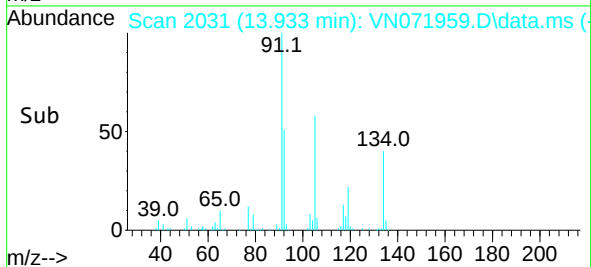
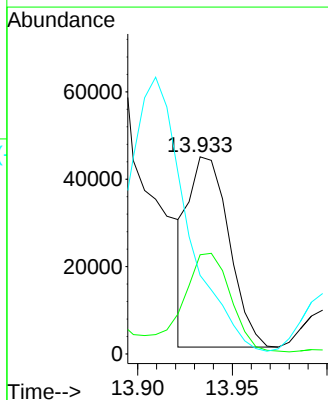
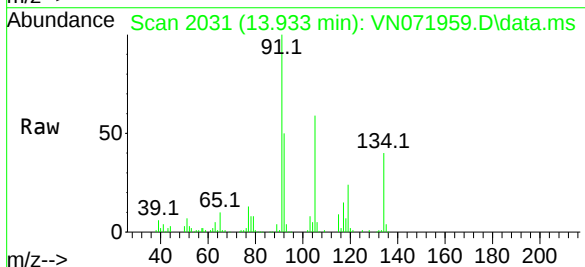
Instrument :
MSVOA_N
ClientSampleId :
INF0422

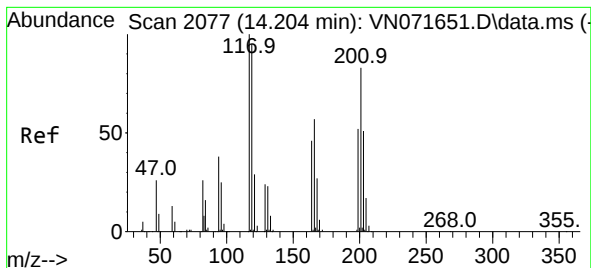
Tgt Ion:146 Resp: 6016
Ion Ratio Lower Upper
146 100
111 158.8 19.1 57.1#
148 88.5 31.4 94.3



#89
n-Butylbenzene
Concen: 2.666 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion: 91 Resp: 64761
Ion Ratio Lower Upper
91 100
92 61.9 26.9 80.7
134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 10.345 ug/l

RT: 14.209 min Scan# 2077

Delta R.T. 0.005 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

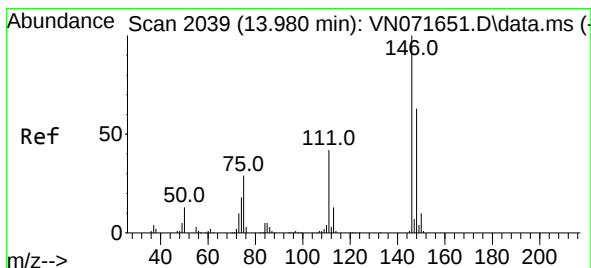
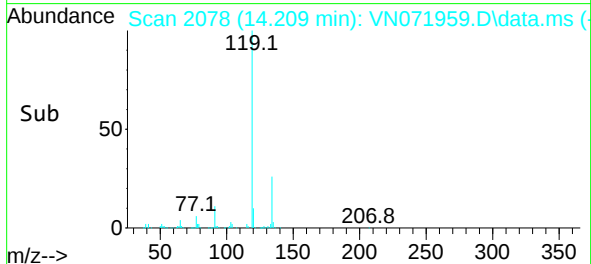
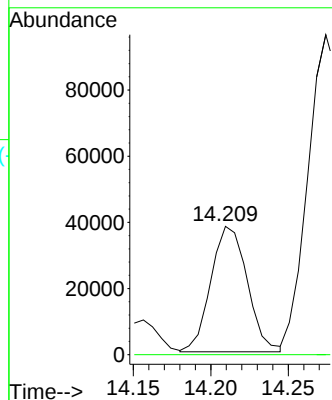
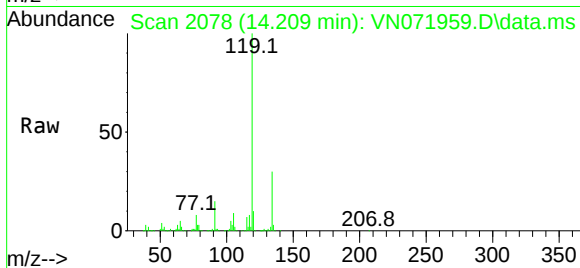
INF0422

Tgt Ion:117 Resp: 62013

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#



#91

1,2-Dichlorobenzene

Concen: 0.286 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.006 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

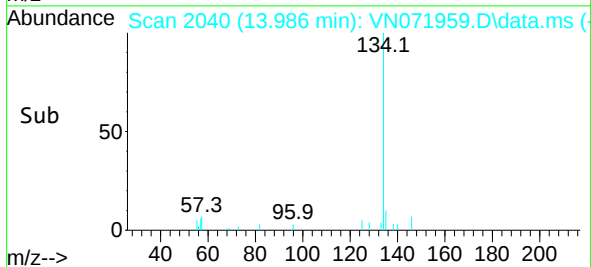
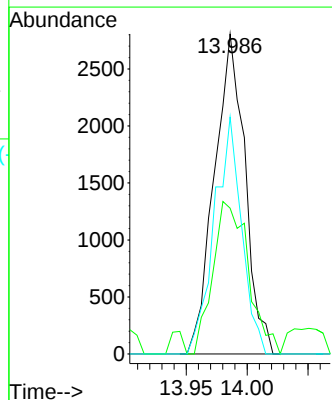
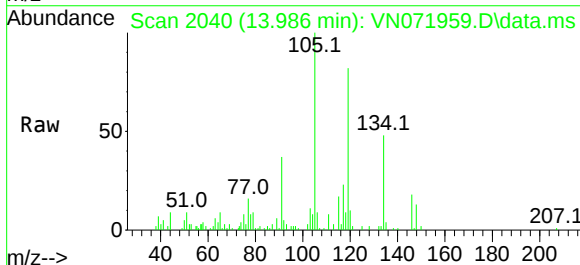
Tgt Ion:146 Resp: 4911

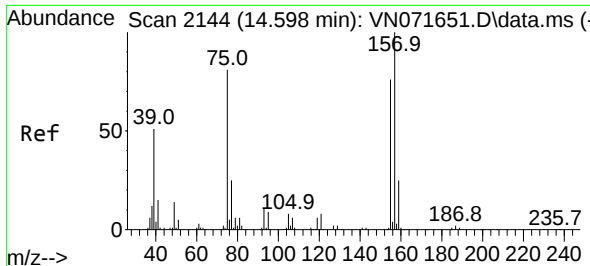
Ion Ratio Lower Upper

146 100

111 55.2 20.9 62.8

148 65.9 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.808 ug/l

RT: 14.574 min Scan# 2144

Delta R.T. -0.024 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

INF0422

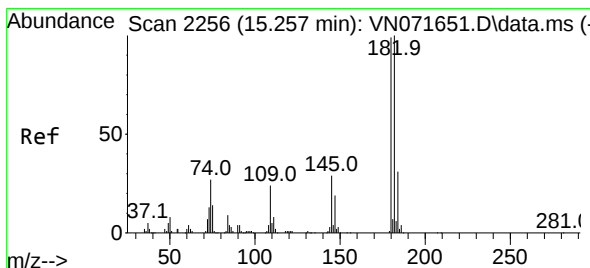
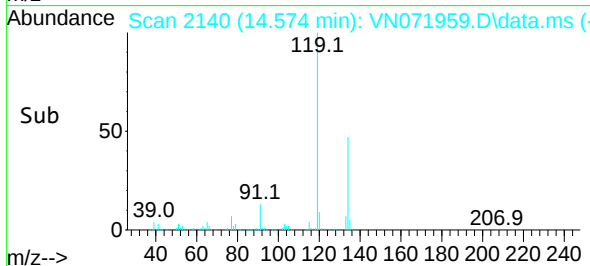
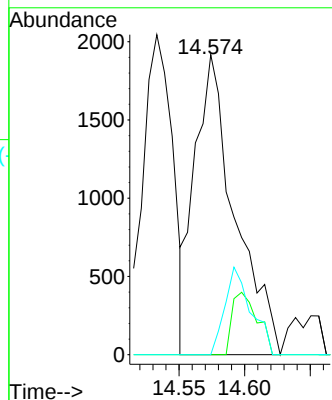
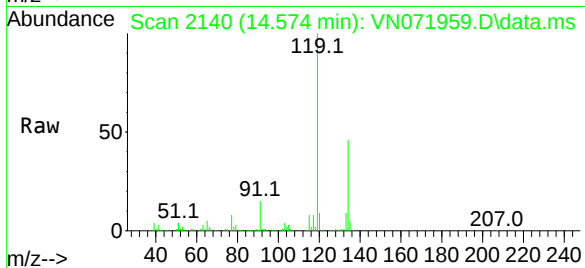
Tgt Ion: 75 Resp: 4094

Ion Ratio Lower Upper

75 100

155 0.0 44.9 134.5#

157 0.0 59.0 176.8#



#93

1,2,4-Trichlorobenzene

Concen: 3.244 ug/l

RT: 15.256 min Scan# 2256

Delta R.T. -0.001 min

Lab File: VN071959.D

Acq: 12 Apr 2022 17:25

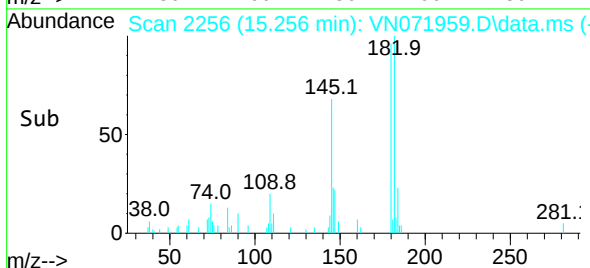
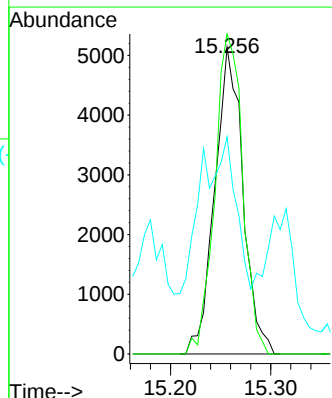
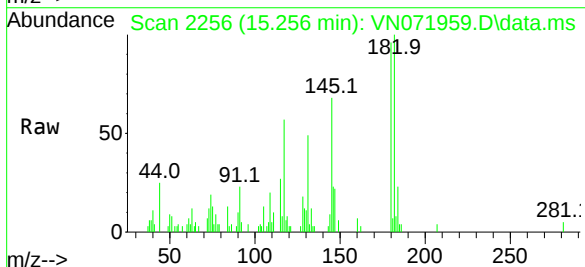
Tgt Ion: 180 Resp: 9989

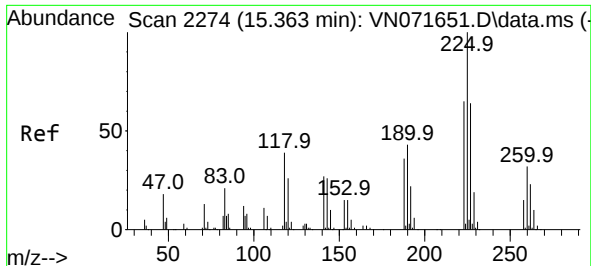
Ion Ratio Lower Upper

180 100

182 103.2 47.5 142.5

145 0.0 14.5 43.5#

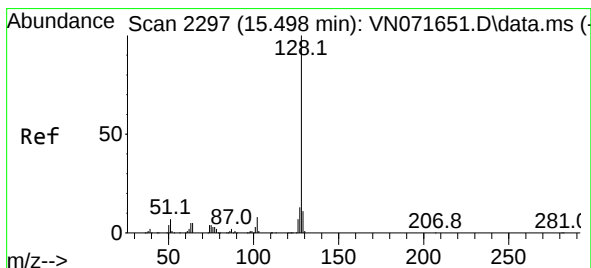
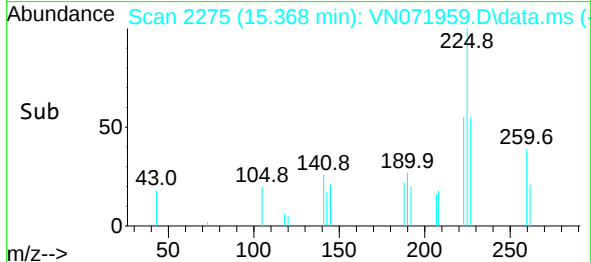
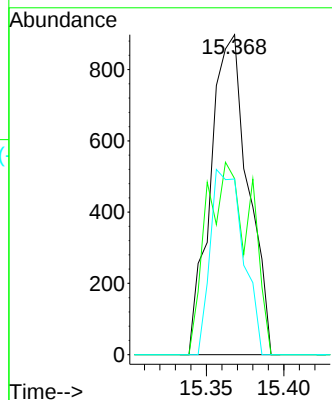
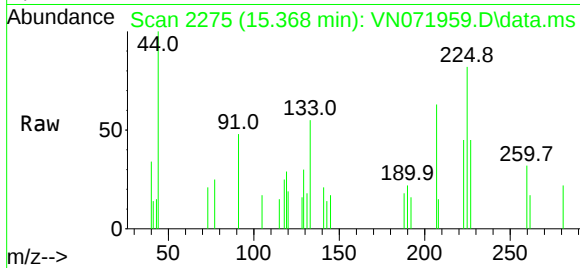




#94
Hexachlorobutadiene
Concen: 0.299 ug/l
RT: 15.368 min Scan# 211
Delta R.T. 0.005 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

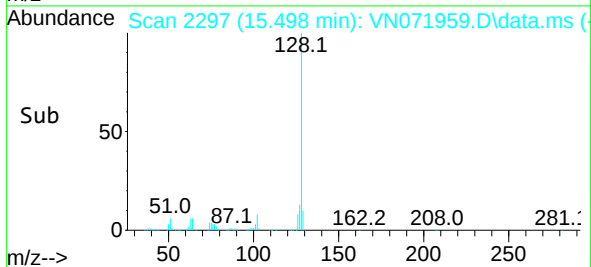
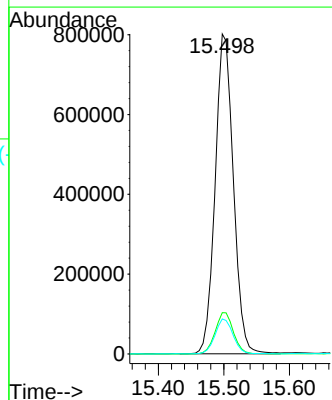
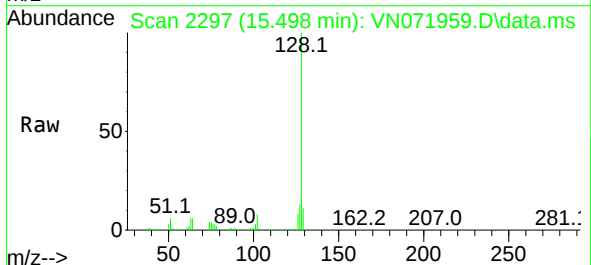
Instrument :
MSVOA_N
ClientSampleId :
INF0422

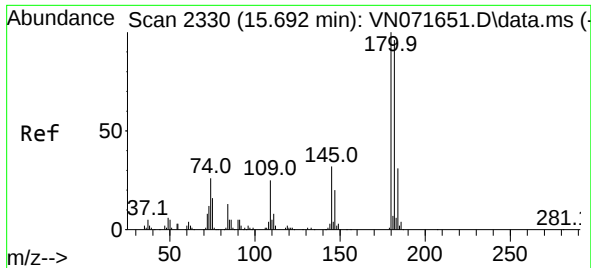
Tgt Ion:225 Resp: 1513
Ion Ratio Lower Upper
225 100
223 70.5 32.4 97.2
227 50.4 31.8 95.4



#95
Naphthalene
Concen: 64.060 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071959.D
Acq: 12 Apr 2022 17:25

Tgt Ion:128 Resp: 1541635
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 3.931 ug/l

RT: 15.698 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071959.D

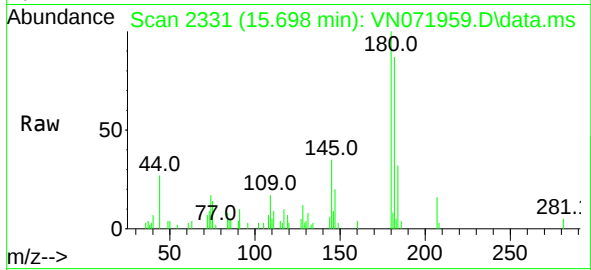
Acq: 12 Apr 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

INF0422



Tgt Ion:180 Resp: 12757

Ion Ratio Lower Upper

180 100

182 93.6 47.8 143.3

145 67.3 15.5 46.5#

