

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070171.D
 Acq On : 17 Dec 2021 18:18
 Operator : JC/MD
 Sample : M5039-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:47:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	916107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1577132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1486107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	694126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	746169	52.753	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.500%	
35) Dibromofluoromethane	8.024	113	494168	50.023	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.040%	
50) Toluene-d8	10.443	98	2028920	51.149	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.731	95	826542	57.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.040%	

Target Compounds				Qvalue		
3) Chloromethane	2.303	50	12108	0.905	ug/l	91
6) Chloroethane	3.025	64	28795	3.818	ug/l	92
8) Diethyl Ether	3.832	74	2129	0.342	ug/l	97
11) Tert butyl alcohol	5.388	59	6795413	2541.583	ug/l	99
13) Acrolein	3.980	56	25283	11.104	ug/l #	1
14) Allyl chloride	4.953	41	1314388	66.844	ug/l #	1
15) Acrylonitrile	5.616	53	847631	117.651	ug/l #	29
16) Acetone	4.293	43	1412283	165.981	ug/l	97
17) Carbon Disulfide	4.519	76	24310	1.078	ug/l #	94
18) Methyl Acetate	4.924	43	165947	6.461	ug/l #	51
20) Methylene Chloride	4.940	84	38403	3.395	ug/l #	1
22) Diisopropyl ether	6.501	45	363153	9.449	ug/l	88
23) Vinyl Acetate	6.396	43	91674	2.932	ug/l #	74
25) 2-Butanone	7.343	43	757973	65.564	ug/l	91
26) 2,2-Dichloropropane	7.147	77	31230	2.018	ug/l #	52
29) Tetrahydrofuran	7.697	42	27681	3.943	ug/l	89
30) Chloroform	7.836	83	4638	0.231	ug/l #	45
31) Cyclohexane	8.094	56	2158895	109.675	ug/l	89
36) 1,1-Dichloropropene	8.086	75	79031	5.264	ug/l #	49
37) Ethyl Acetate	7.343	43	757973	33.920	ug/l #	68
38) Carbon Tetrachloride	8.086	117	91954	6.246	ug/l #	16
39) Methylcyclohexane	9.459	83	943695	52.843	ug/l	88
41) Methacrylonitrile	7.659	41	15663	1.493	ug/l #	35
42) 1,2-Dichloroethane	8.461	62	670121	36.173	ug/l	78
43) Isopropyl Acetate	8.542	43	5710176	172.676	ug/l #	56
45) 1,2-Dichloropropane	9.454	63	10667	0.866	ug/l #	1
47) Bromodichloromethane	9.746	83	26115	1.707	ug/l #	25
48) Methyl methacrylate	9.639	41	109717	7.110	ug/l #	66
49) 1,4-Dioxane	9.408	88	87	0.314	ug/l #	1
51) 4-Methyl-2-Pentanone	10.336	43	164247	7.656	ug/l	91
53) t-1,3-Dichloropropene	10.508	75	852846	46.536	ug/l #	1
55) 1,1,2-Trichloroethane	10.880	97	54841	4.851	ug/l #	20
56) Ethyl methacrylate	10.685	69	54630	4.724	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.033	63	6082	19.367	ug/l #	45
59) 2-Hexanone	11.210	43	853589	52.599	ug/l	74
60) Dibromochloromethane	11.256	129	25	2.378	ug/l #	11

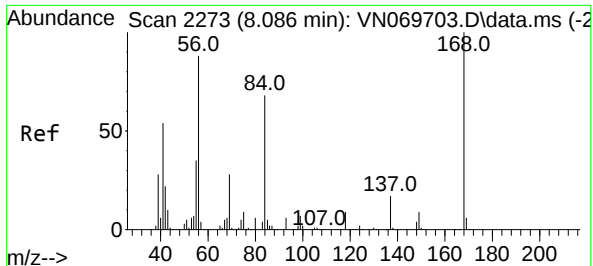
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
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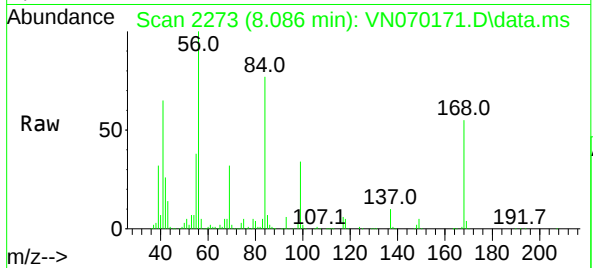
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
61) 1,2-Dibromoethane	11.342	107	8175	0.698	ug/l	#	2
65) Chlorobenzene	11.921	112	25008	0.829	ug/l	#	49
68) m/p-Xylenes	11.846	106	8586949	430.636	ug/l	#	1
70) Styrene	12.280	104	1261242	39.601	ug/l	#	1
71) Bromoform	12.726	173	702	2.804	ug/l	#	1
73) Isopropylbenzene	12.578	105	2636166	42.686	ug/l		98
74) N-amyl acetate	12.398	43	47263	1.731	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.844	83	187758	8.792	ug/l	#	36
76) 1,2,3-Trichloropropane	12.921	75	39235	1.971	ug/l	#	1
78) n-propylbenzene	12.921	91	6253060	90.990	ug/l		96
79) 2-Chlorotoluene	12.983	91	3989597	91.876	ug/l	#	39
80) 1,3,5-Trimethylbenzene	13.058	105	14449500	290.689	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.581	75	36043	9.506	ug/l	#	65
82) 4-Chlorotoluene	13.061	91	1688249	41.341	ug/l	#	38
83) tert-Butylbenzene	13.369	119	6670013	151.540	ug/l	#	57
85) sec-Butylbenzene	13.216	105	686246	11.495	ug/l	#	56
86) p-Isopropyltoluene	13.560	119	506790	10.860	ug/l	#	78
89) n-Butylbenzene	13.876	91	3129330	82.665	ug/l	#	54
90) Hexachloroethane	14.217	117	317602	38.764	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.622	75	2742	0.711	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.268	180	1822	3.029	ug/l	#	76
95) Naphthalene	15.504	128	15392411	421.579	ug/l		99
96) 1,2,3-Trichlorobenzene	15.697	180	1557	2.569	ug/l	#	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed

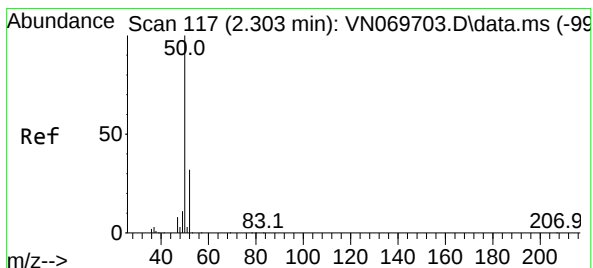
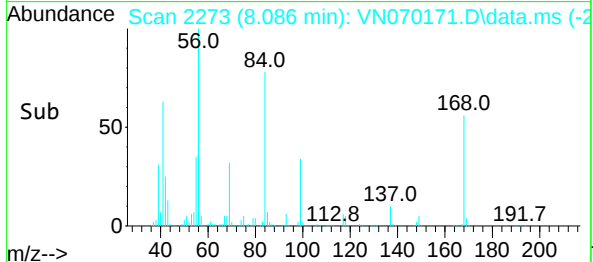
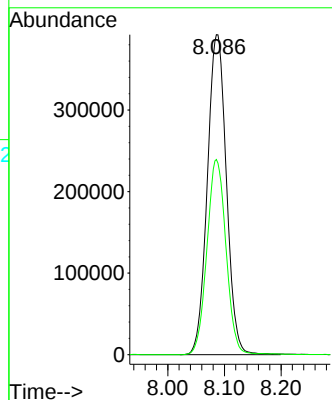


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070171.D
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MSVOA_N
ClientSampleId :

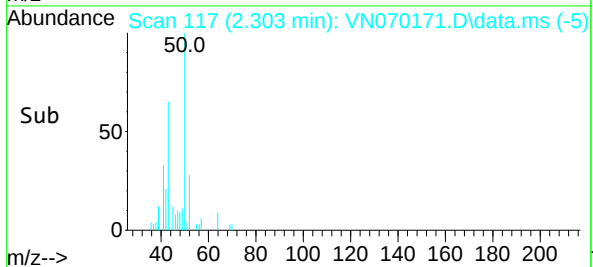
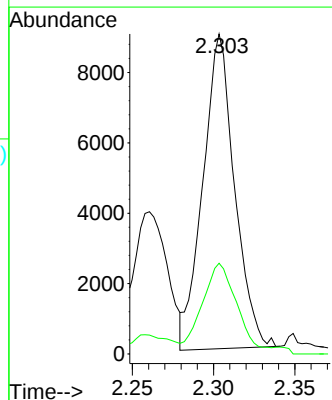
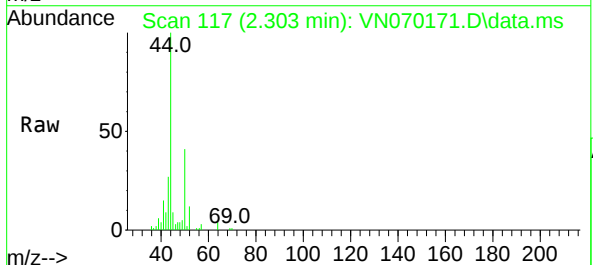


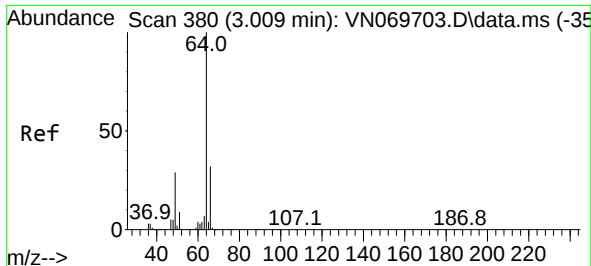
Tgt Ion:168 Resp: 916107
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#3
Chloromethane
Concen: 0.905 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 50 Resp: 12108
Ion Ratio Lower Upper
50 100
52 26.9 25.4 38.0

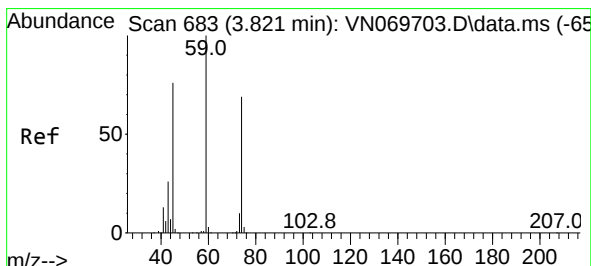
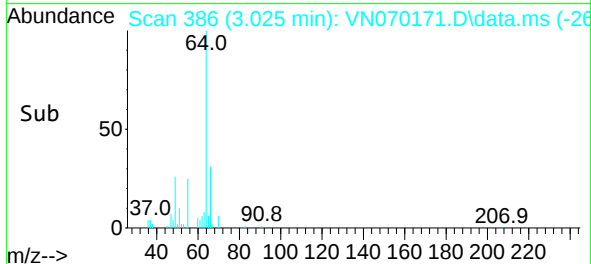
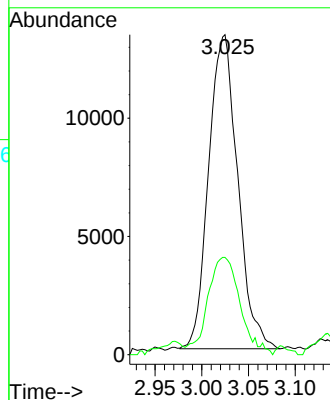
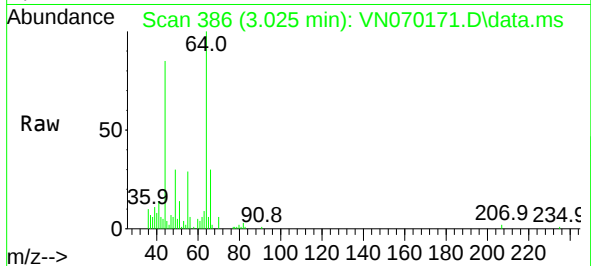




#6
Chloroethane
Concen: 3.818 ug/l
RT: 3.025 min Scan# 380
Delta R.T. 0.016 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

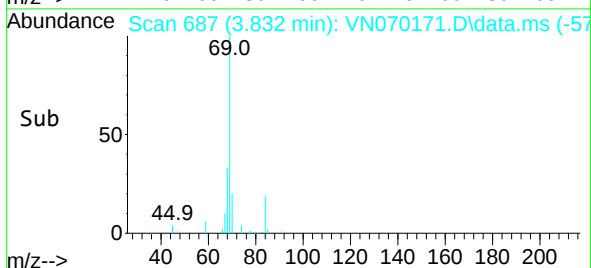
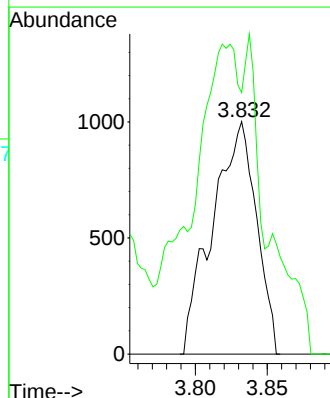
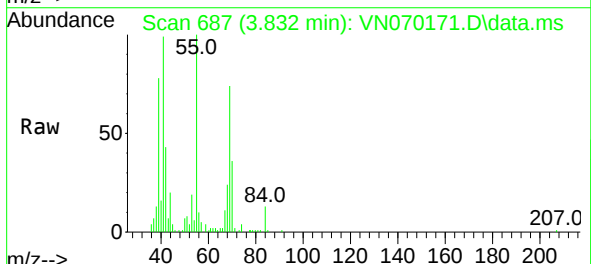
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MSVOA_N
ClientSampleId :

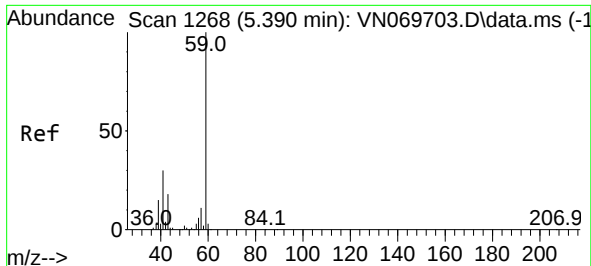
Tgt Ion: 64 Resp: 28795
Ion Ratio Lower Upper
64 100
66 28.1 26.3 39.5



#8
Diethyl Ether
Concen: 0.342 ug/l
RT: 3.832 min Scan# 687
Delta R.T. 0.011 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 74 Resp: 2129
Ion Ratio Lower Upper
74 100
45 97.1 47.0 141.2





#11

Tert butyl alcohol

Concen: 2541.583 ug/l

RT: 5.388 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN070171.D

Acq: 17 Dec 2021 18:18

Instrument :

MSVOA_N

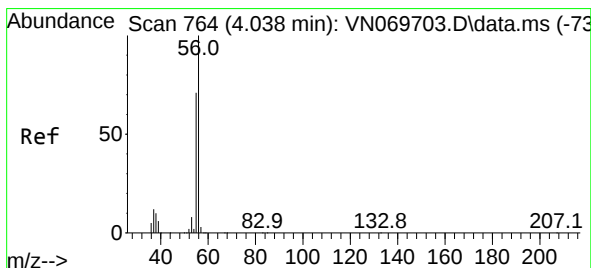
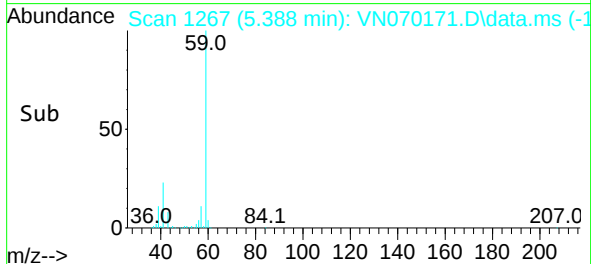
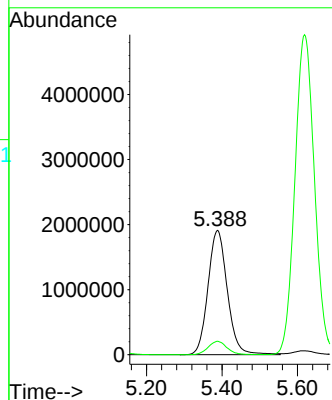
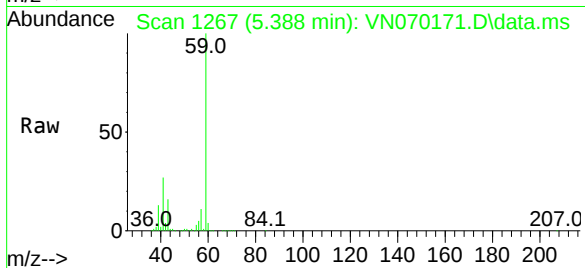
ClientSampleId :

Tgt Ion: 59 Resp: 6795413

Ion Ratio Lower Upper

59 100

57 10.6 8.7 13.1



#13

Acrolein

Concen: 11.104 ug/l

RT: 3.980 min Scan# 742

Delta R.T. -0.059 min

Lab File: VN070171.D

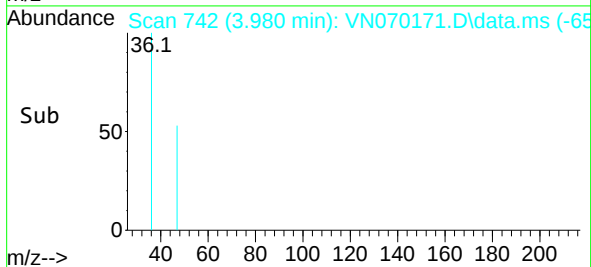
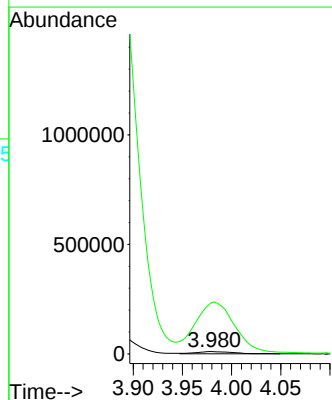
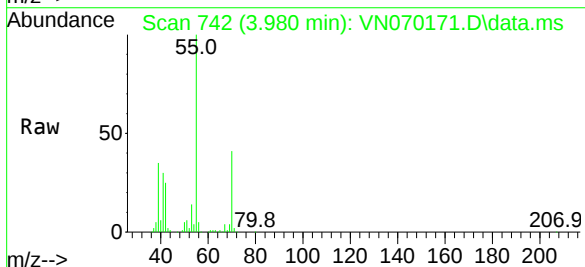
Acq: 17 Dec 2021 18:18

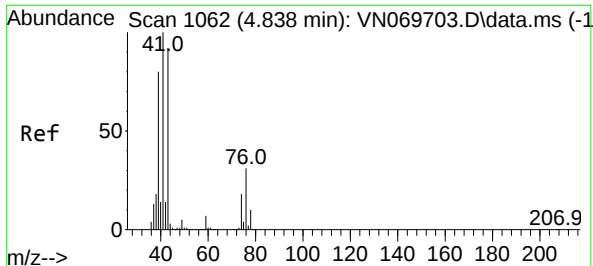
Tgt Ion: 56 Resp: 25283

Ion Ratio Lower Upper

56 100

55 2579.1 56.6 85.0#





#14

Allyl chloride

Concen: 66.844 ug/l

RT: 4.953 min Scan# 1105

Delta R.T. 0.116 min

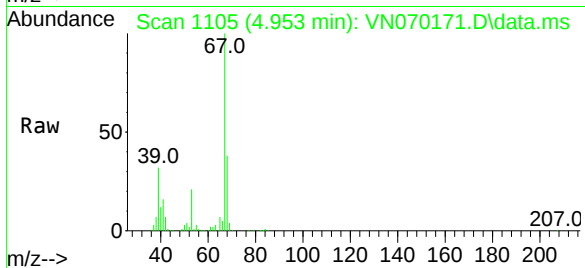
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Acq: 17 Dec 2021 18:18

Instrument :

MSVOA_N

ClientSampleId :



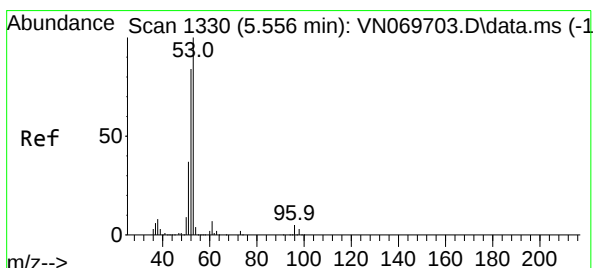
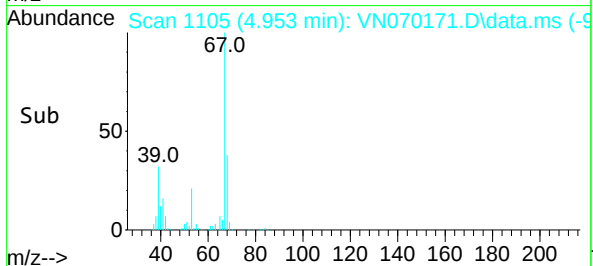
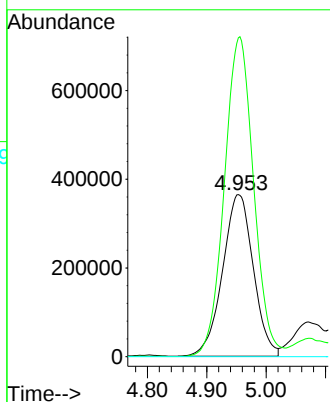
Tgt Ion: 41 Resp: 1314388

Ion Ratio Lower Upper

41 100

39 187.9 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 117.651 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. 0.059 min

Lab File: VN070171.D

Acq: 17 Dec 2021 18:18

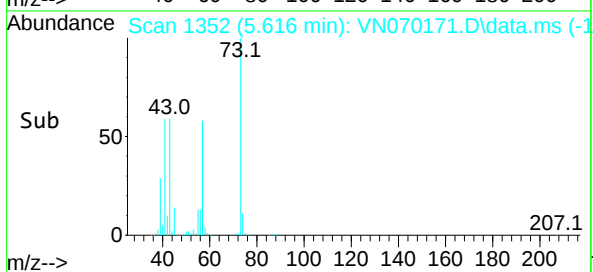
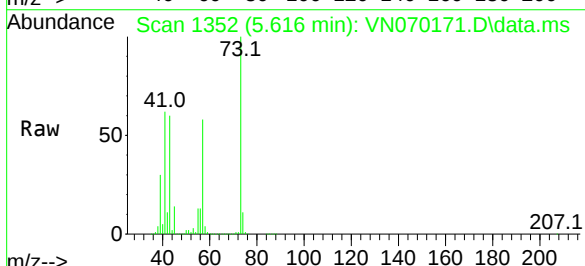
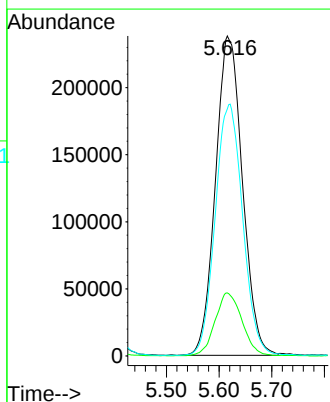
Tgt Ion: 53 Resp: 847631

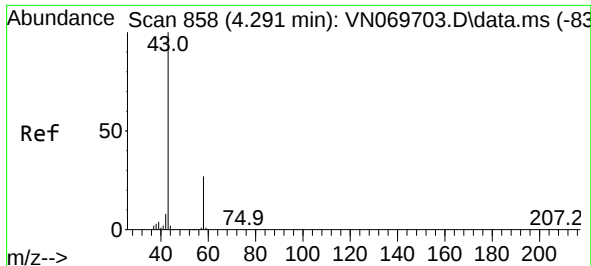
Ion Ratio Lower Upper

53 100

52 19.6 66.2 99.2#

51 80.1 29.6 44.4#

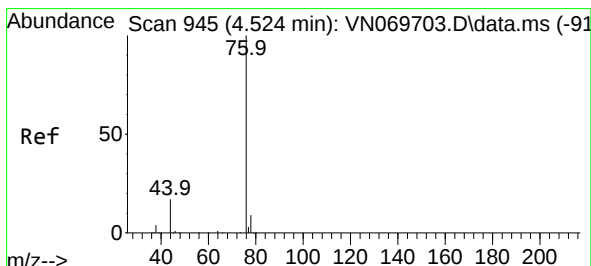
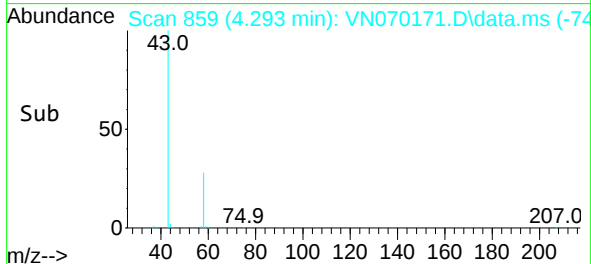
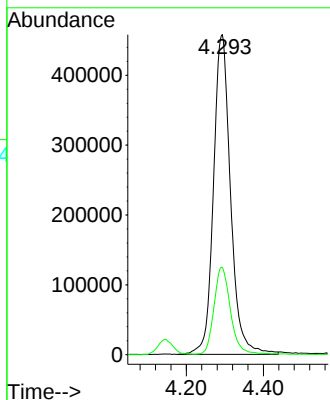
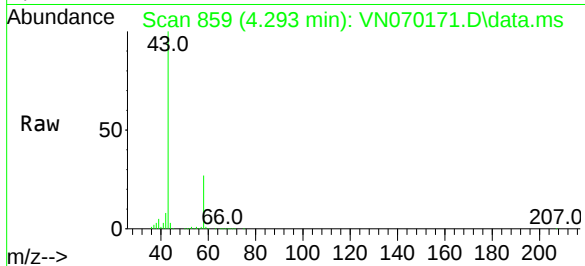




#16
Acetone
Concen: 165.981 ug/l
RT: 4.293 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

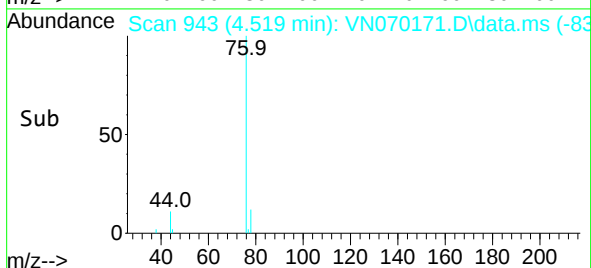
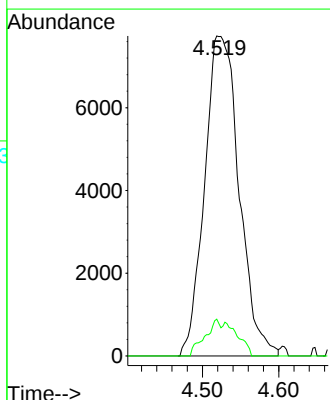
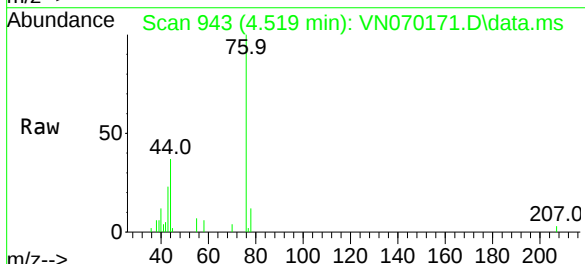
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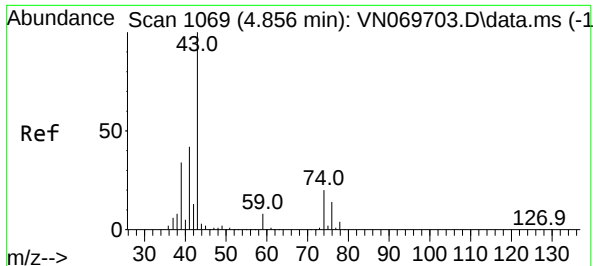
Tgt Ion: 43 Resp: 1412283
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7



#17
Carbon Disulfide
Concen: 1.078 ug/l
RT: 4.519 min Scan# 943
Delta R.T. -0.005 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 76 Resp: 24310
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#

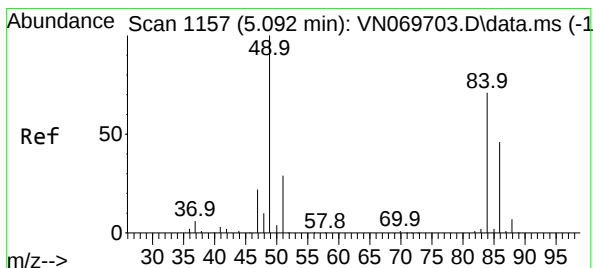
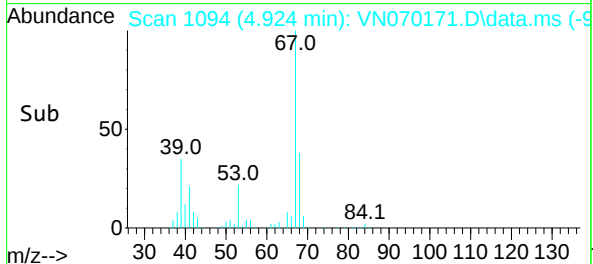
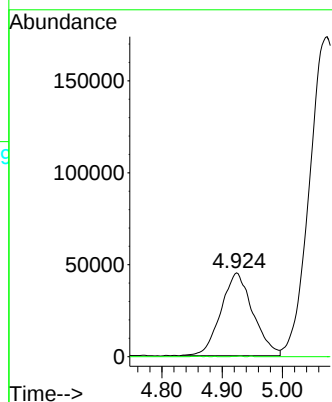
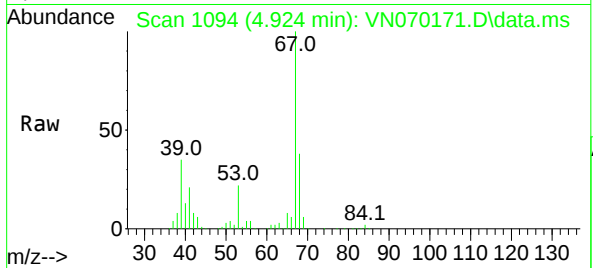




#18
Methyl Acetate
Concen: 6.461 ug/l
RT: 4.924 min Scan# 1100
Delta R.T. 0.067 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

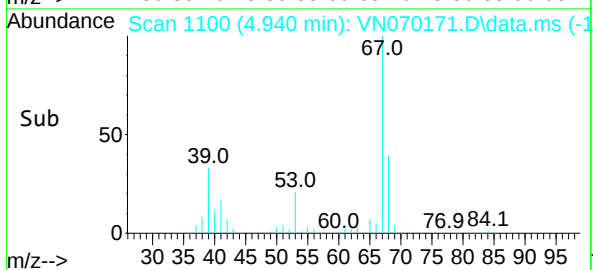
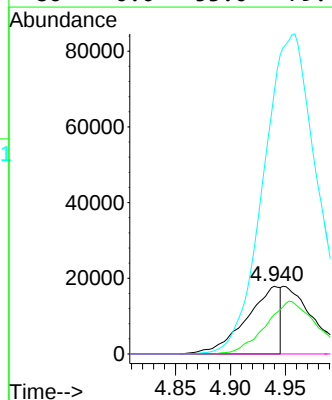
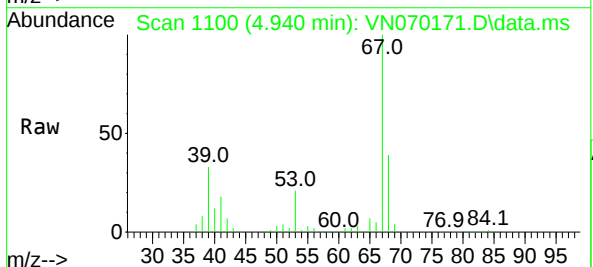
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MSVOA_N
ClientSampleId :

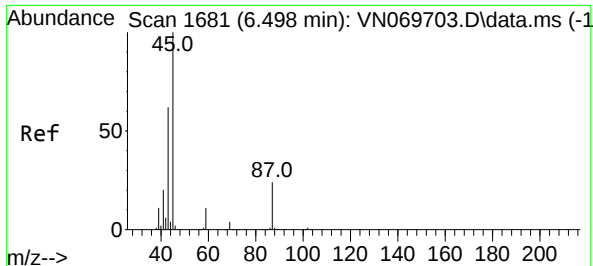
Tgt Ion: 43 Resp: 165947
Ion Ratio Lower Upper
43 100
74 0.2 19.4 29.2#



#20
Methylene Chloride
Concen: 3.395 ug/l
RT: 4.940 min Scan# 1100
Delta R.T. -0.153 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 84 Resp: 38403
Ion Ratio Lower Upper
84 100
49 58.4 93.5 140.3#
51 387.1 29.4 44.2#
86 0.0 53.0 79.4#





#22

Diisopropyl ether

Concen: 9.449 ug/l

RT: 6.501 min Scan# 1

Delta R.T. 0.003 min

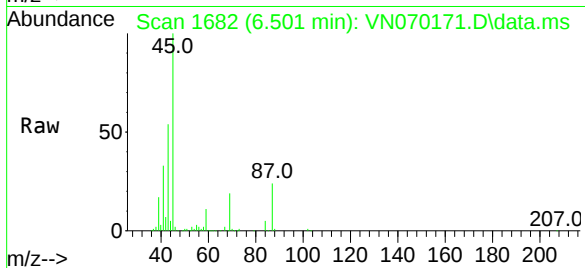
Lab File: VN070171.D

Acq: 17 Dec 2021 18:18

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 45 Resp: 363153

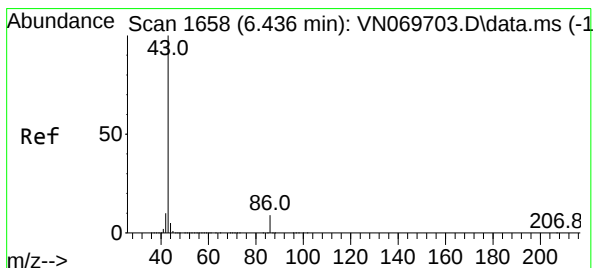
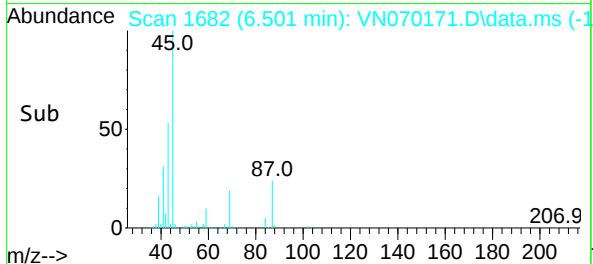
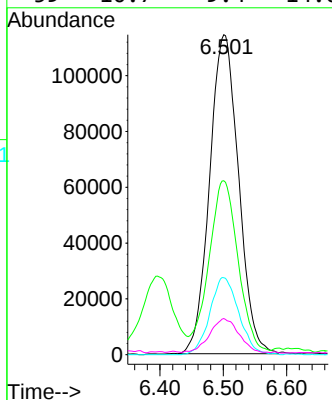
Ion Ratio Lower Upper

45 100

43 52.5 51.7 77.5

87 24.1 23.2 34.8

59 10.7 9.4 14.0



#23

Vinyl Acetate

Concen: 2.932 ug/l

RT: 6.396 min Scan# 1643

Delta R.T. -0.040 min

Lab File: VN070171.D

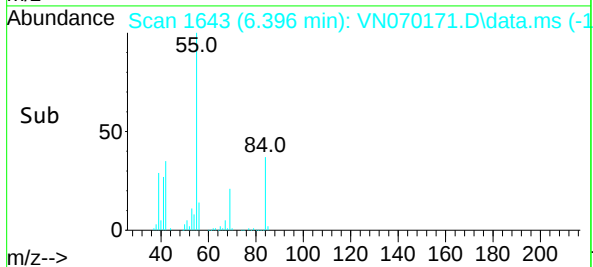
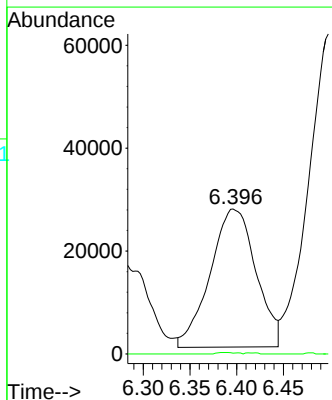
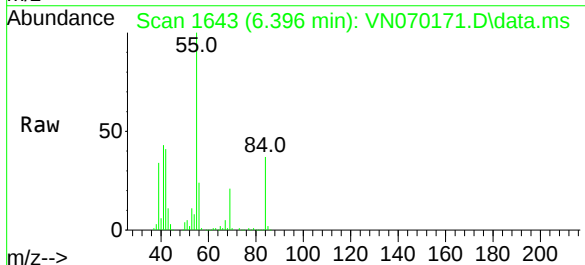
Acq: 17 Dec 2021 18:18

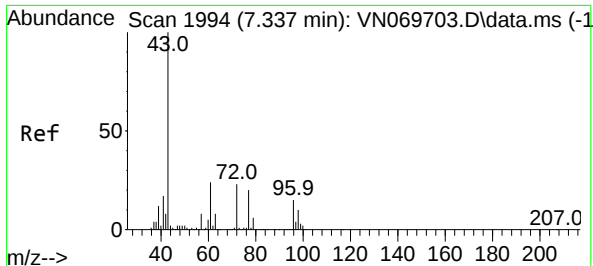
Tgt Ion: 43 Resp: 91674

Ion Ratio Lower Upper

43 100

86 0.7 8.5 12.7#





#25

2-Butanone

Concen: 65.564 ug/l

RT: 7.343 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN070171.D

Acq: 17 Dec 2021 18:18

Instrument :

MSVOA_N

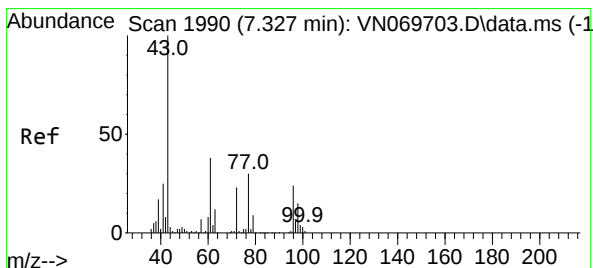
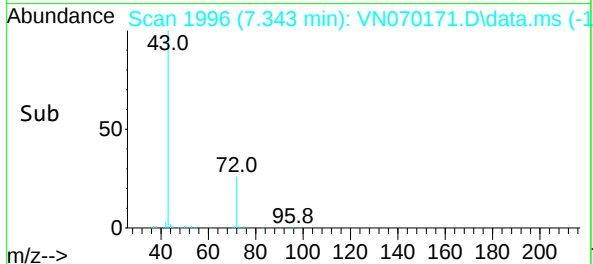
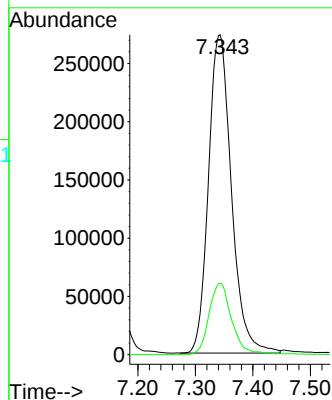
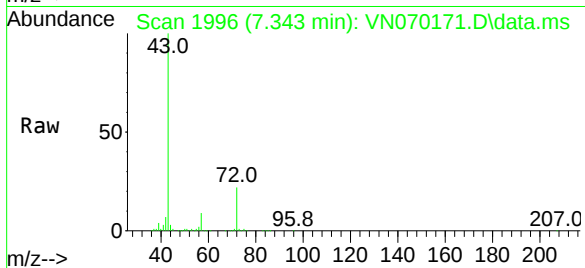
ClientSampleId :

Tgt Ion: 43 Resp: 757973

Ion Ratio Lower Upper

43 100

72 22.4 21.7 32.5



#26

2,2-Dichloropropane

Concen: 2.018 ug/l

RT: 7.147 min Scan# 1923

Delta R.T. -0.179 min

Lab File: VN070171.D

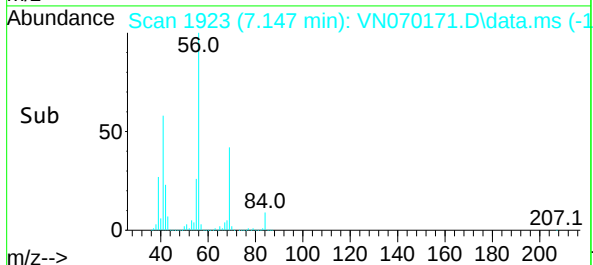
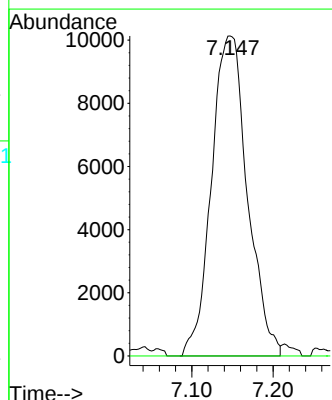
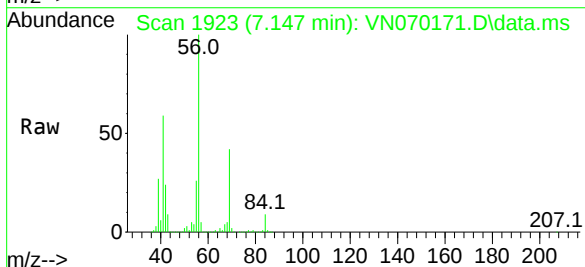
Acq: 17 Dec 2021 18:18

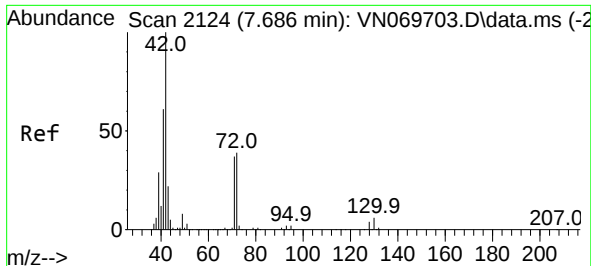
Tgt Ion: 77 Resp: 31230

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#





#29

Tetrahydrofuran

Concen: 3.943 ug/l

RT: 7.697 min Scan# 21

Delta R.T. 0.011 min

Lab File: VN070171.D

Acq: 17 Dec 2021 18:18

Instrument :

MSVOA_N

ClientSampleId :

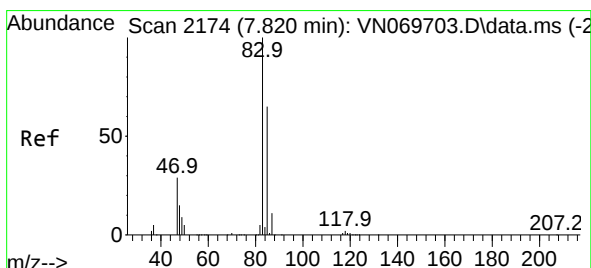
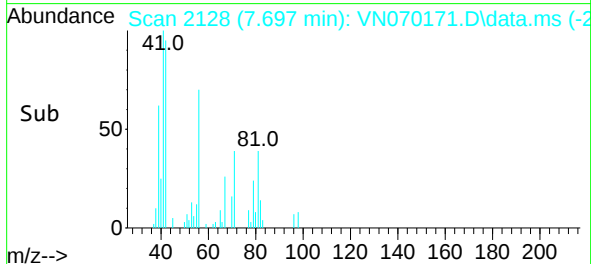
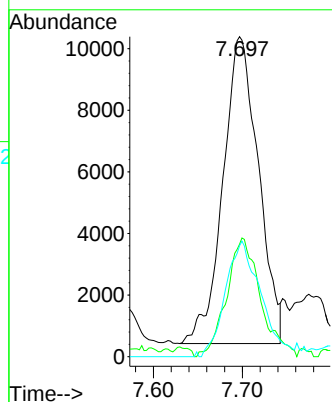
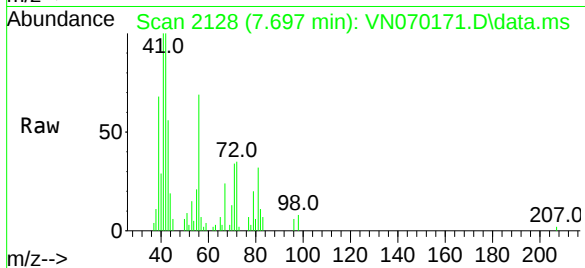
Tgt Ion: 42 Resp: 27681

Ion Ratio Lower Upper

42 100

72 36.7 36.3 54.5

71 37.2 34.7 52.1



#30

Chloroform

Concen: 0.231 ug/l

RT: 7.836 min Scan# 2180

Delta R.T. 0.016 min

Lab File: VN070171.D

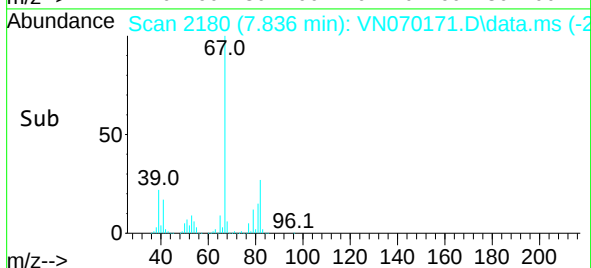
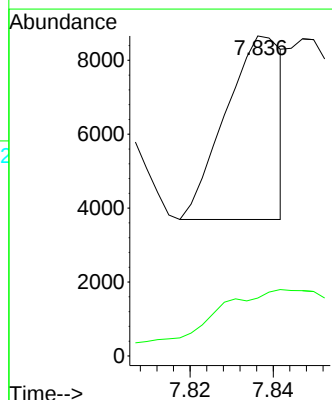
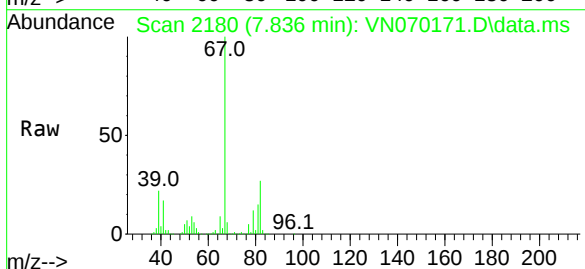
Acq: 17 Dec 2021 18:18

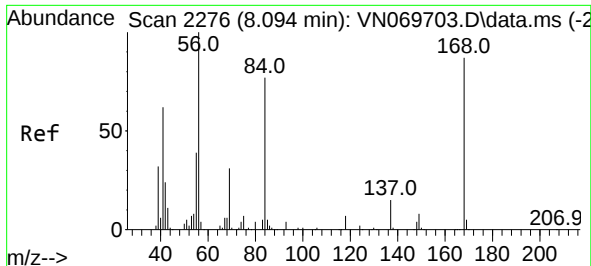
Tgt Ion: 83 Resp: 4638

Ion Ratio Lower Upper

83 100

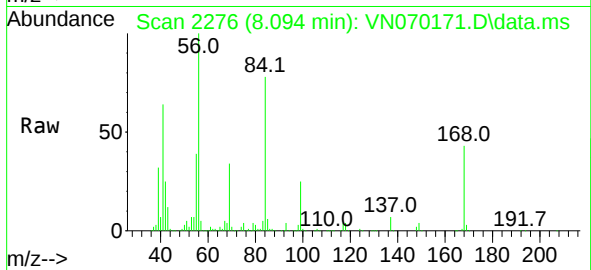
85 21.7 51.9 77.9#



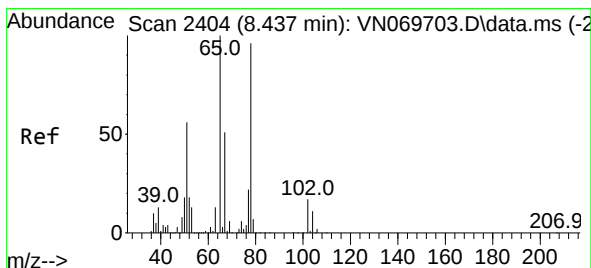
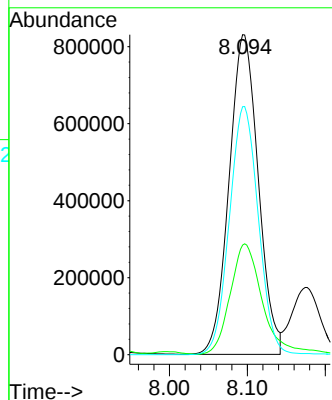
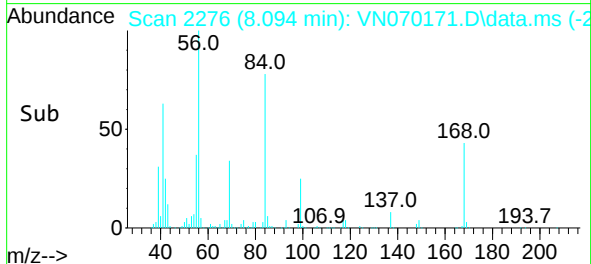


#31
Cyclohexane
Concen: 109.675 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :

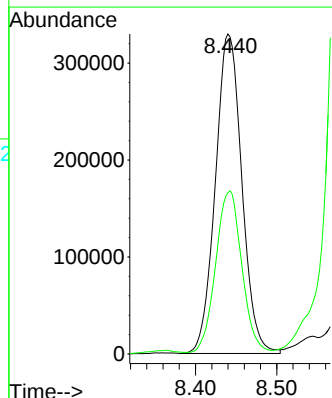
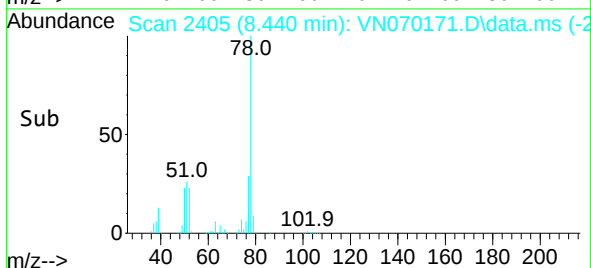
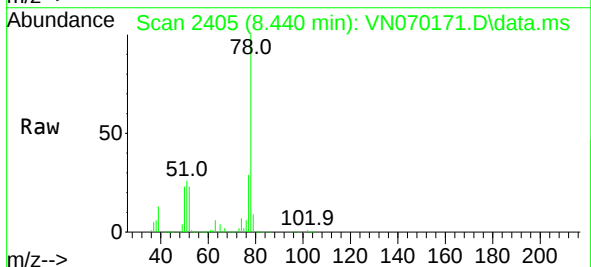


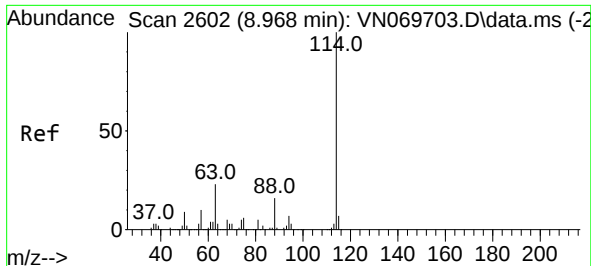
Tgt Ion: 56 Resp: 2158895
Ion Ratio Lower Upper
56 100
69 33.7 27.1 40.7
84 77.6 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 52.753 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 65 Resp: 746169
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.0

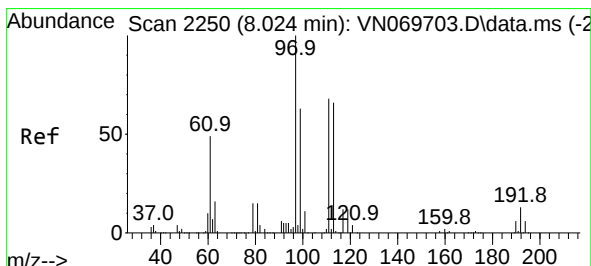
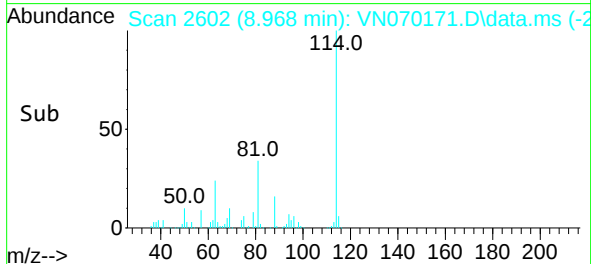
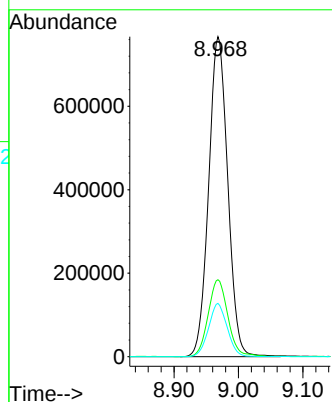
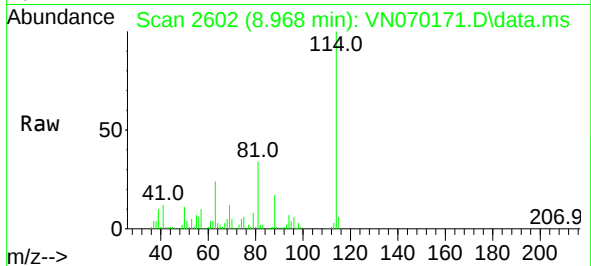




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

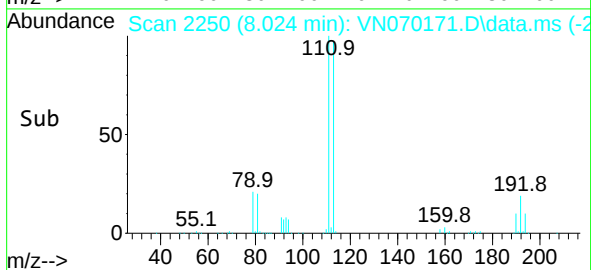
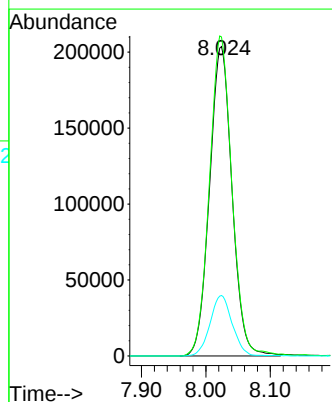
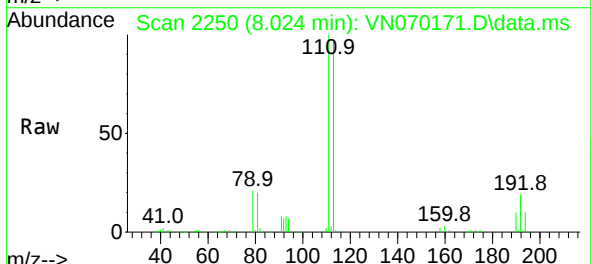
Instrument :
MSVOA_N
ClientSampleId :

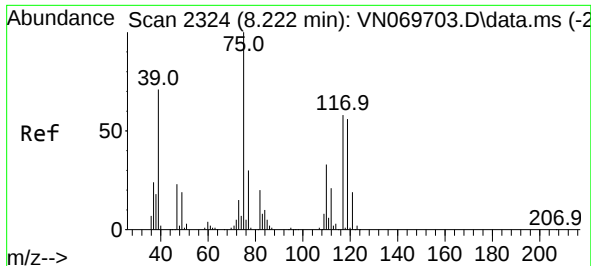
Tgt Ion:114 Resp: 1577132
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.023 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

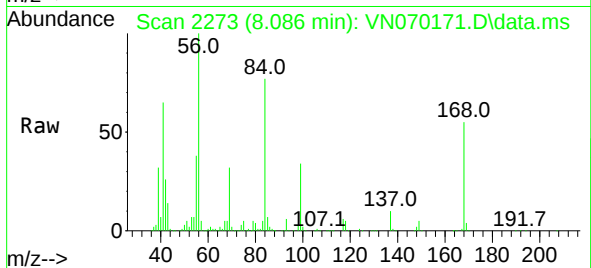
Tgt Ion:113 Resp: 494168
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.3 16.9 25.3



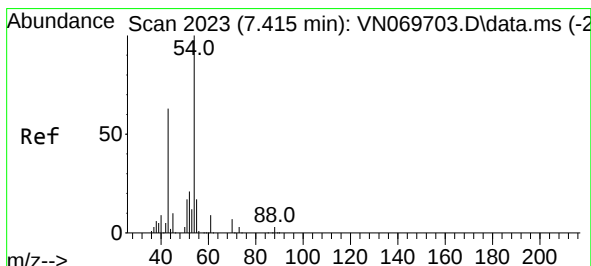
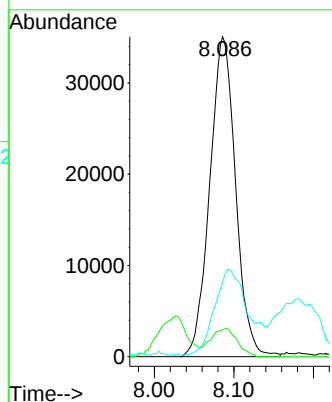
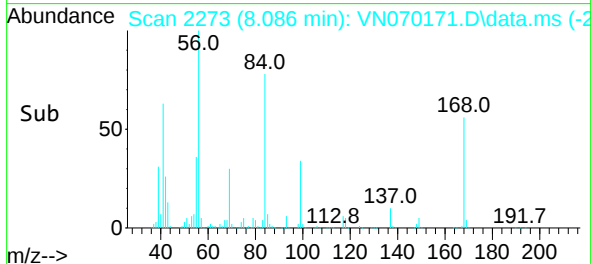


#36
 1,1-Dichloropropene
 Concen: 5.264 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070171.D
 Acq: 17 Dec 2021 18:18

Instrument :
 MSVOA_N
 ClientSampleId :

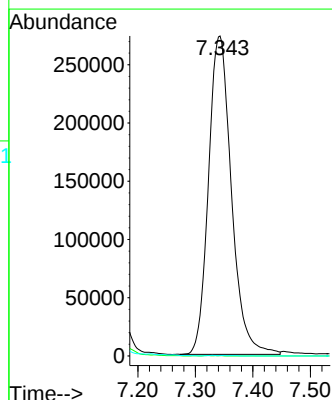
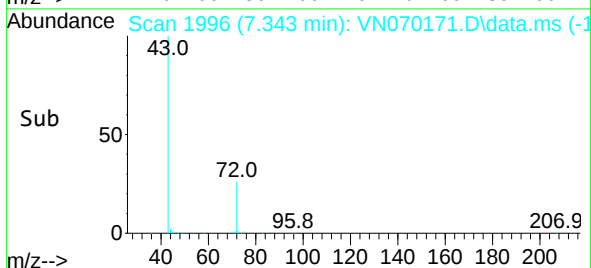
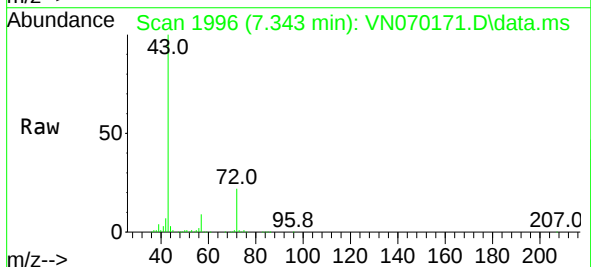


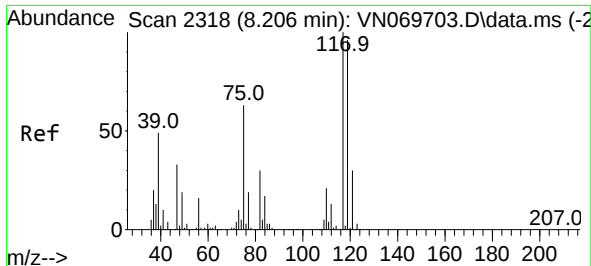
Tgt Ion: 75 Resp: 79031
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 33.920 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. -0.072 min
 Lab File: VN070171.D
 Acq: 17 Dec 2021 18:18

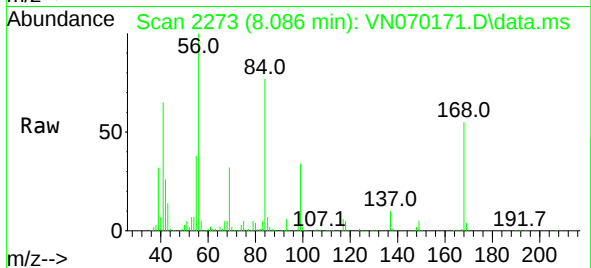
Tgt Ion: 43 Resp: 757973
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#



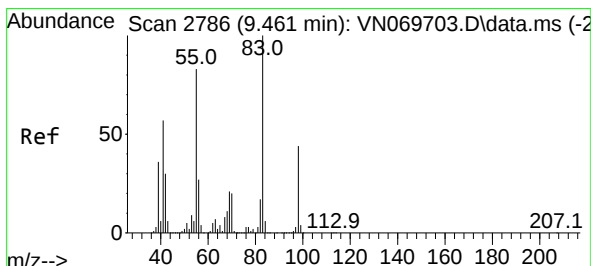
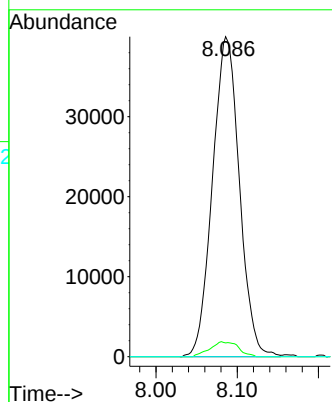
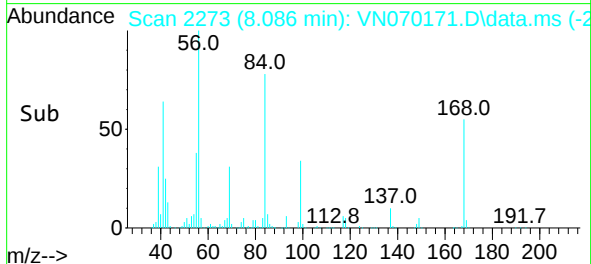


#38
Carbon Tetrachloride
Concen: 6.246 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :

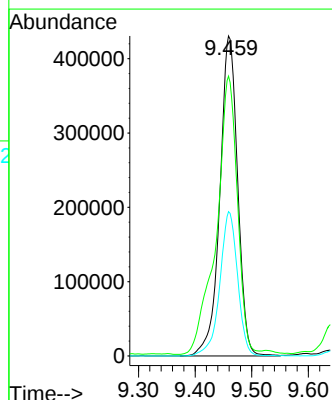
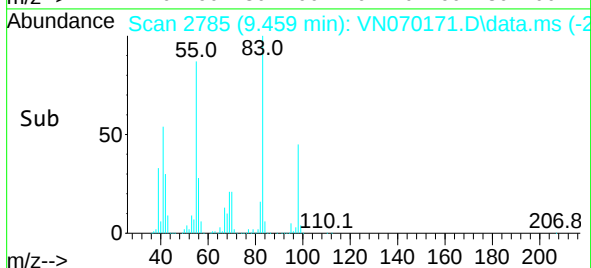
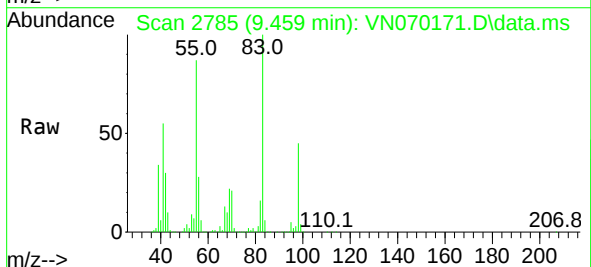


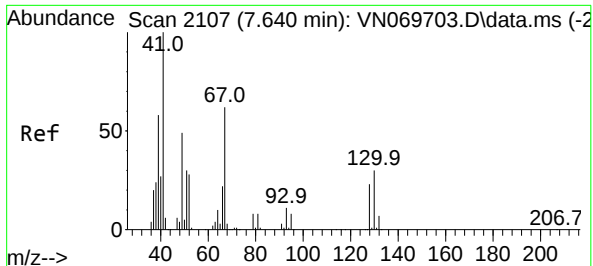
Tgt Ion:117 Resp: 91954
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 52.843 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.002 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

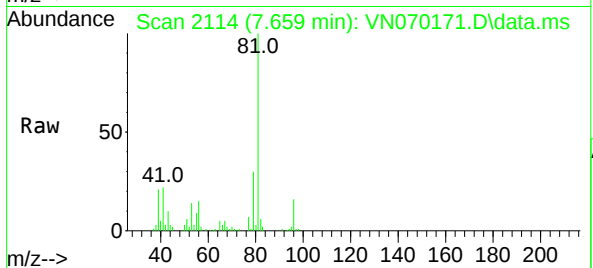
Tgt Ion: 83 Resp: 943695
Ion Ratio Lower Upper
83 100
55 86.9 58.1 87.1
98 45.1 38.4 57.6



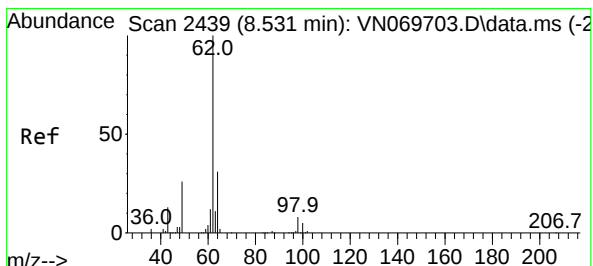
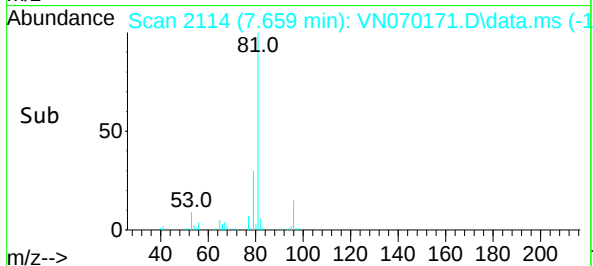
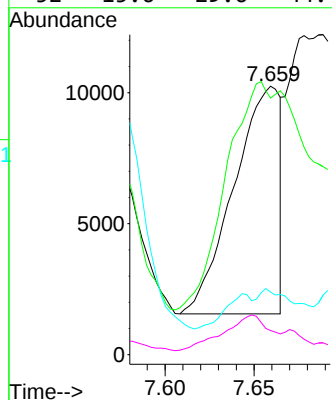


#41
Methacrylonitrile
Concen: 1.493 ug/l
RT: 7.659 min Scan# 2107
Delta R.T. 0.019 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :

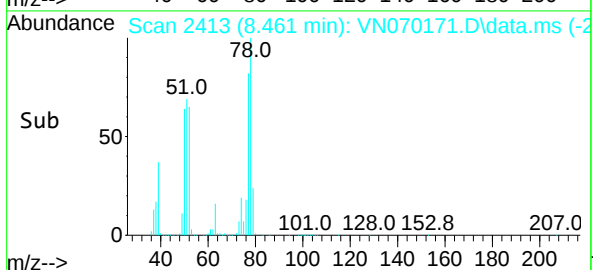
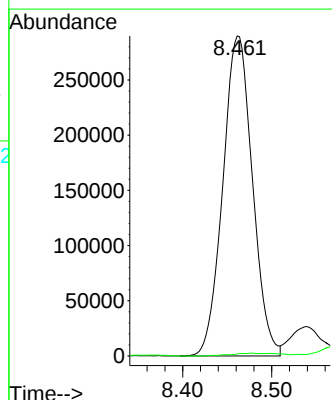
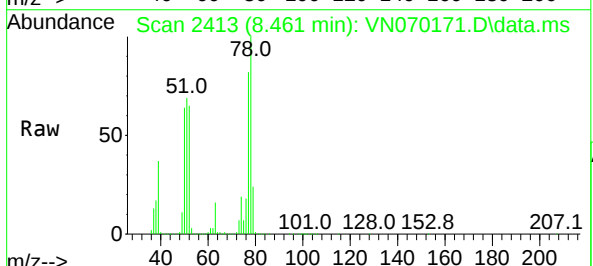


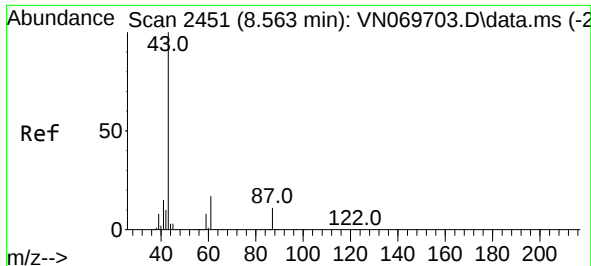
Tgt Ion: 41	Resp: 15663
Ion Ratio	Lower Upper
41 100	
39 93.4	48.1 72.1#
67 0.0	68.3 102.5#
52 15.6	29.6 44.4#



#42
1,2-Dichloroethane
Concen: 36.173 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.070 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

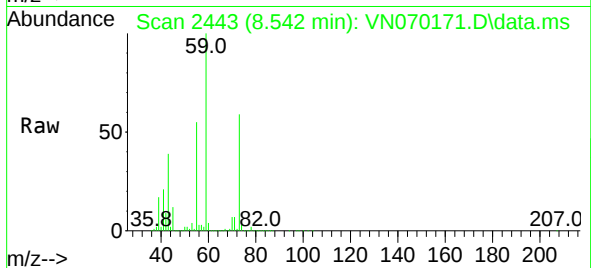
Tgt Ion: 62	Resp: 670121
Ion Ratio	Lower Upper
62 100	
98 0.8	0.0 17.6



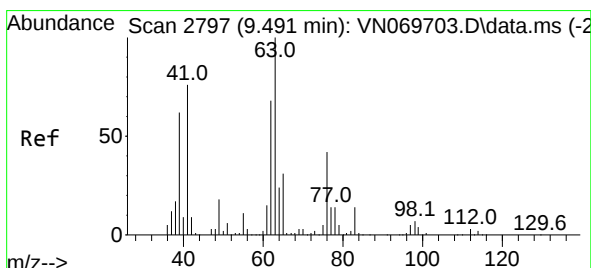
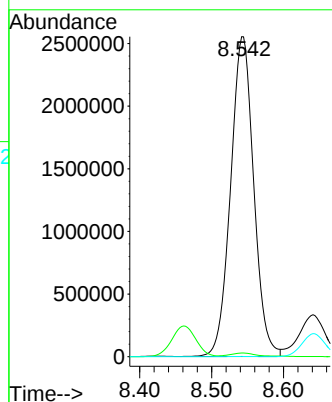
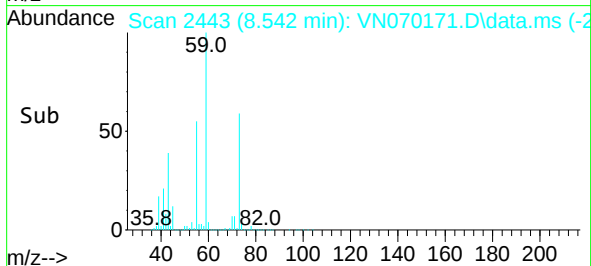


#43
Isopropyl Acetate
Concen: 172.676 ug/l
RT: 8.542 min Scan# 2451
Delta R.T. -0.021 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :

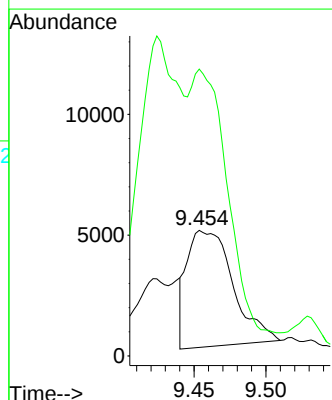
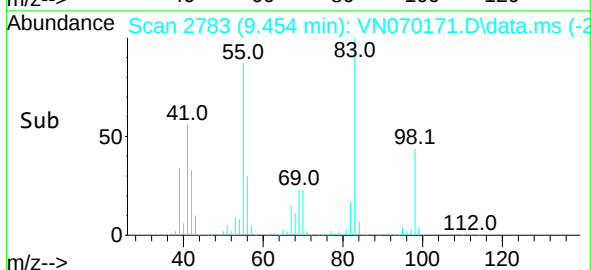
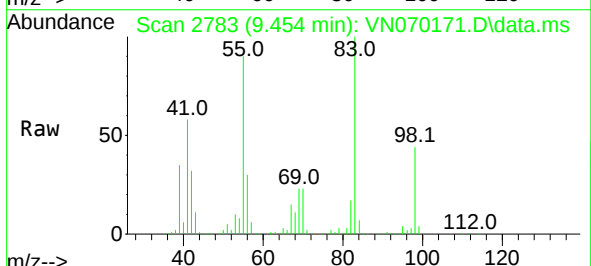


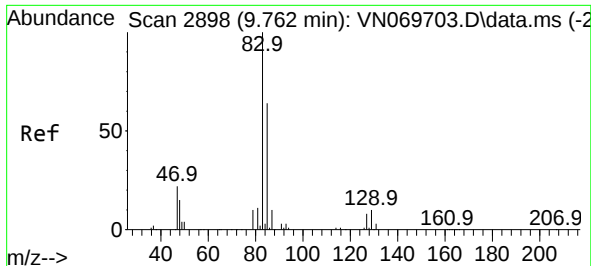
Tgt Ion: 43 Resp: 5710176
Ion Ratio Lower Upper
43 100
61 0.9 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 0.866 ug/l
RT: 9.454 min Scan# 2783
Delta R.T. -0.037 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 63 Resp: 10667
Ion Ratio Lower Upper
63 100
65 239.3 24.7 37.1#

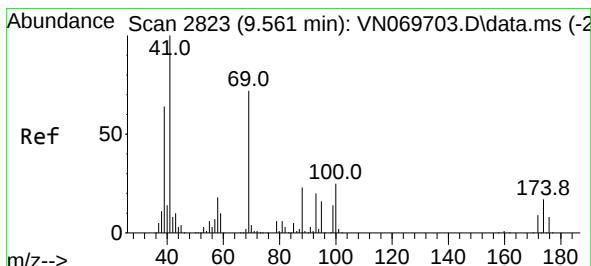
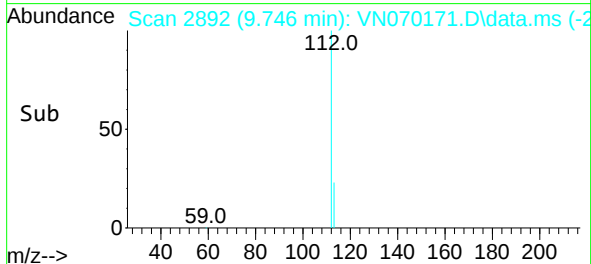
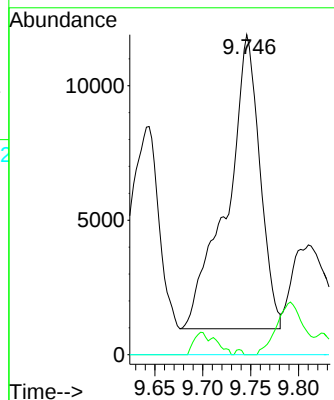
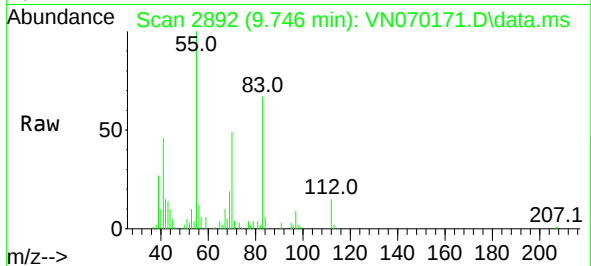




#47
Bromodichloromethane
Concen: 1.707 ug/l
RT: 9.746 min Scan# 21
Delta R.T. -0.016 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

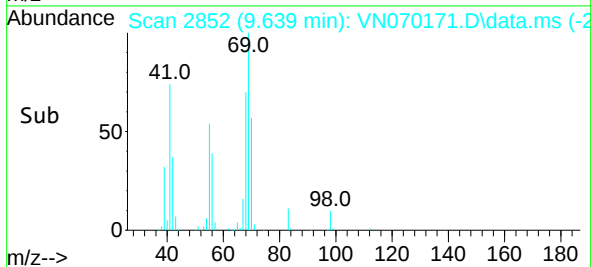
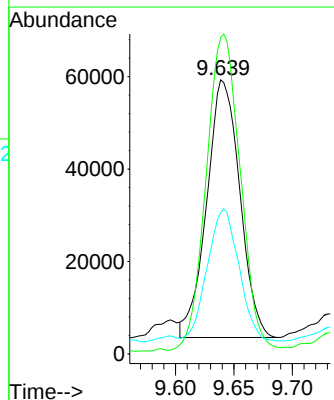
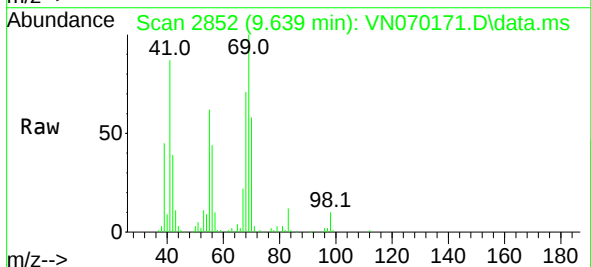
Instrument :
MSVOA_N
ClientSampleId :

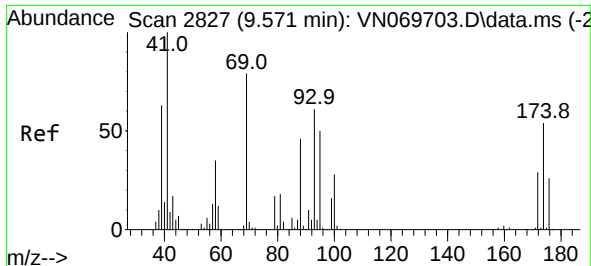
Tgt Ion: 83 Resp: 26115
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 7.110 ug/l
RT: 9.639 min Scan# 2852
Delta R.T. 0.078 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

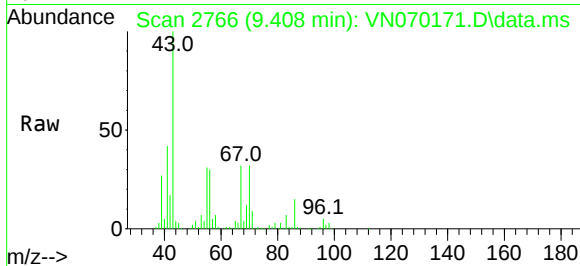
Tgt Ion: 41 Resp: 109717
Ion Ratio Lower Upper
41 100
69 126.3 72.4 108.6#
39 49.1 58.4 87.6#



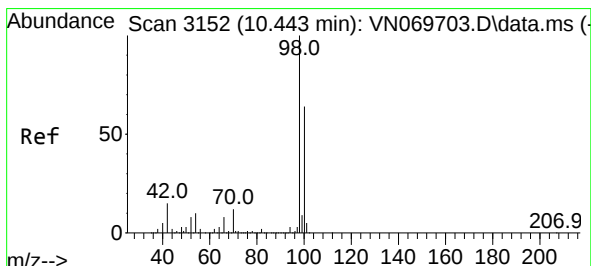
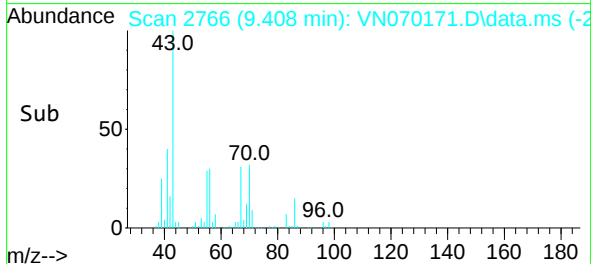
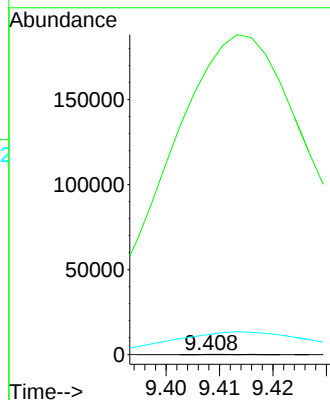


#49
1,4-Dioxane
Concen: 0.314 ug/l
RT: 9.408 min Scan# 21
Delta R.T. -0.163 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :

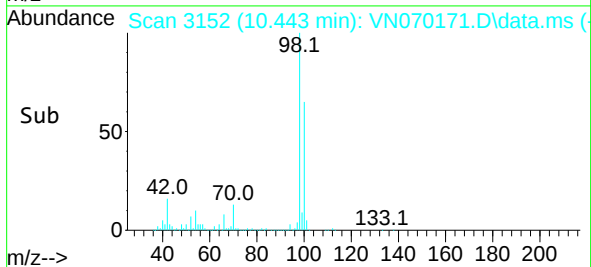
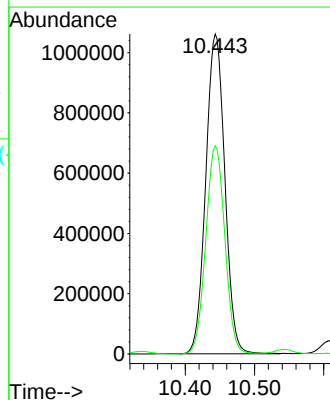
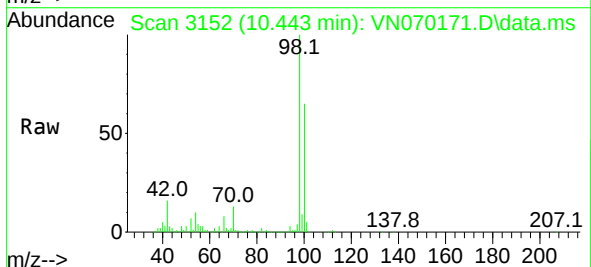


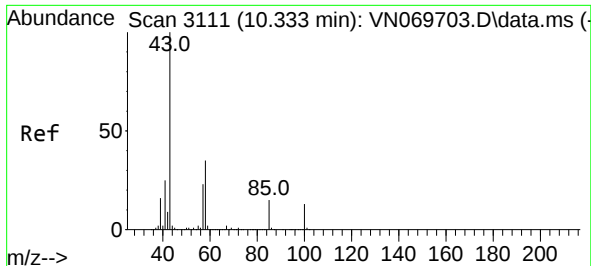
Tgt Ion: 88 Resp: 87
Ion Ratio Lower Upper
88 100
43 455464.4 23.4 35.2#
58 35679.3 50.6 75.8#



#50
Toluene-d8
Concen: 51.149 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 98 Resp: 2028920
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

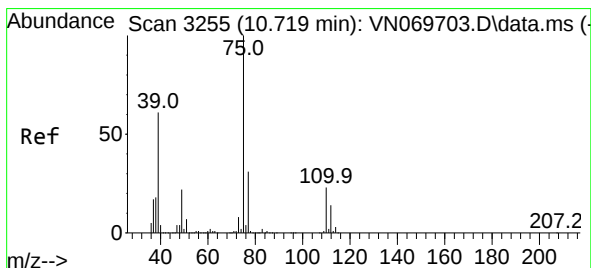
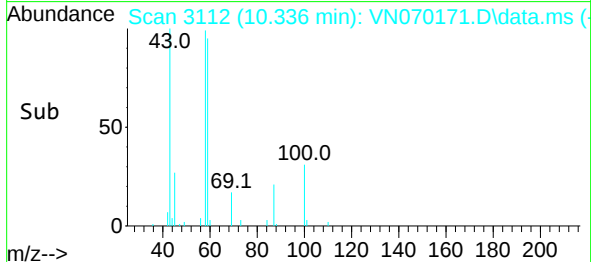
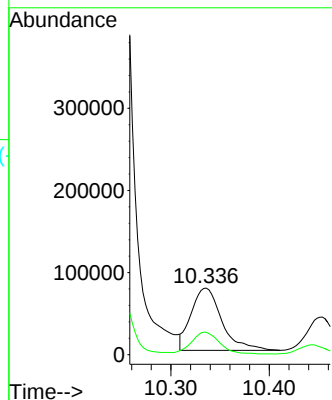
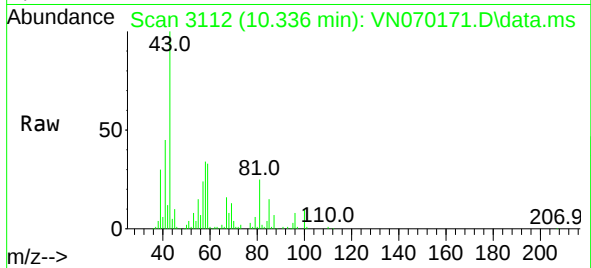




#51
4-Methyl-2-Pentanone
Concen: 7.656 ug/l
RT: 10.336 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

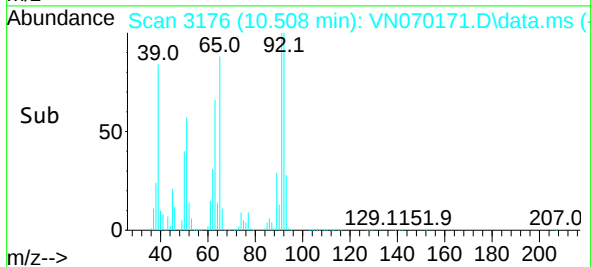
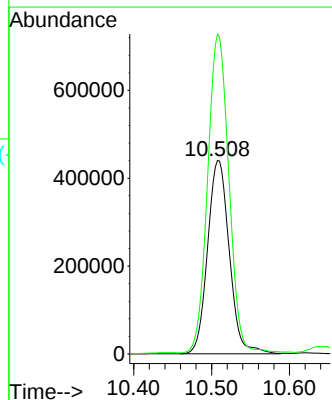
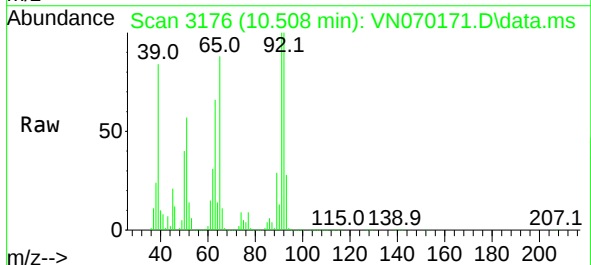
Instrument :
MSVOA_N
ClientSampleId :

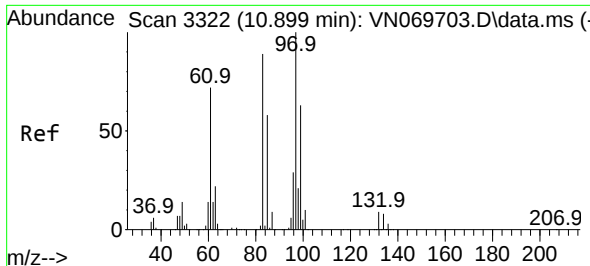
Tgt Ion: 43 Resp: 164247
Ion Ratio Lower Upper
43 100
58 32.4 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 46.536 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.211 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

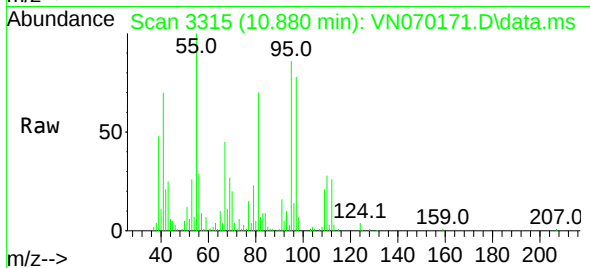
Tgt Ion: 75 Resp: 852846
Ion Ratio Lower Upper
75 100
77 164.9 25.6 38.4#



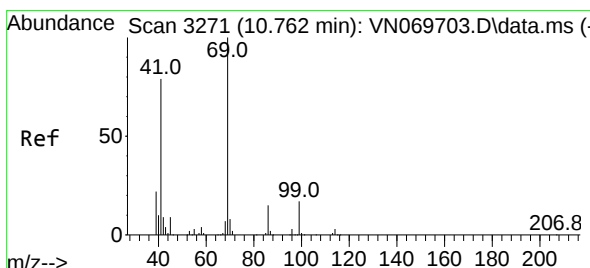
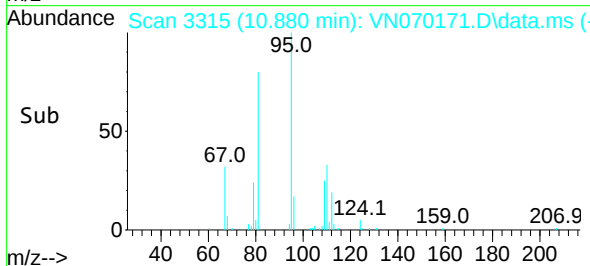
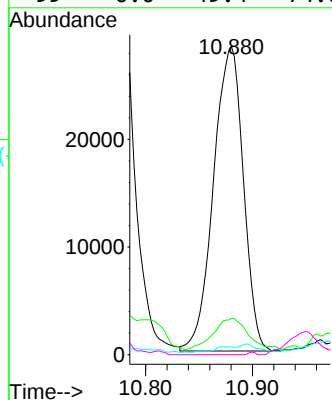


#55
1,1,2-Trichloroethane
Concen: 4.851 ug/l
RT: 10.880 min Scan# 31
Delta R.T. -0.019 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :

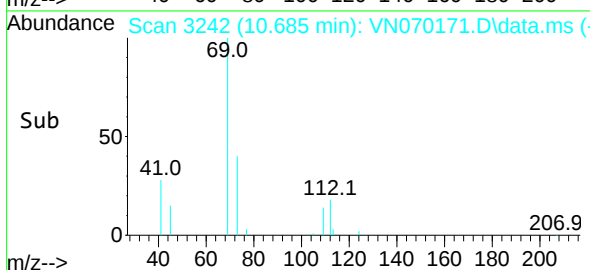
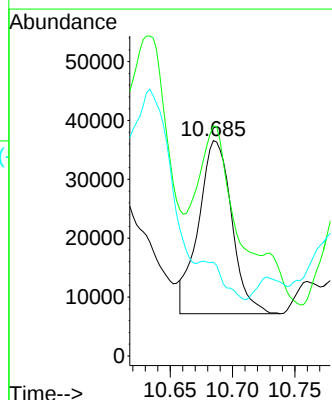
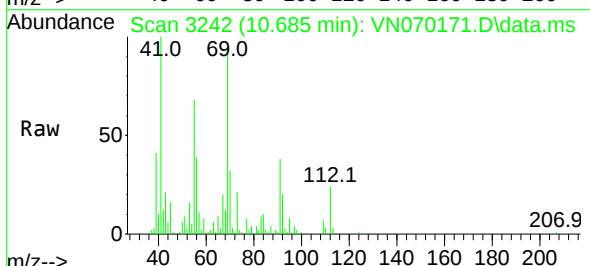


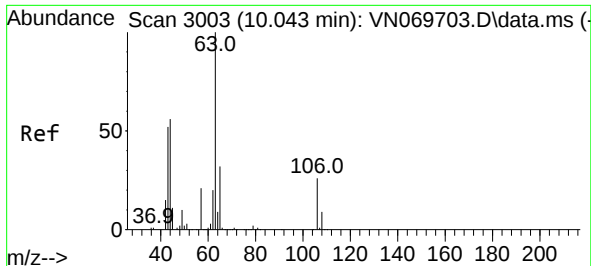
Tgt Ion: 97 Resp: 54841
Ion Ratio Lower Upper
97 100
83 10.0 67.8 101.6#
85 1.8 45.4 68.2#
99 0.0 49.4 74.0#



#56
Ethyl methacrylate
Concen: 4.724 ug/l
RT: 10.685 min Scan# 3242
Delta R.T. -0.077 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 69 Resp: 54630
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#

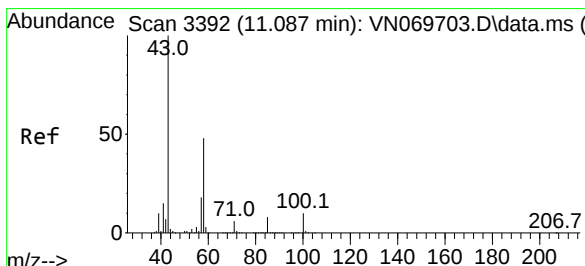
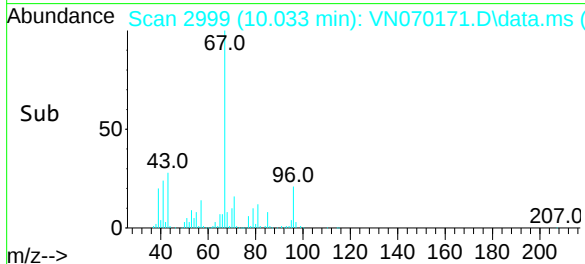
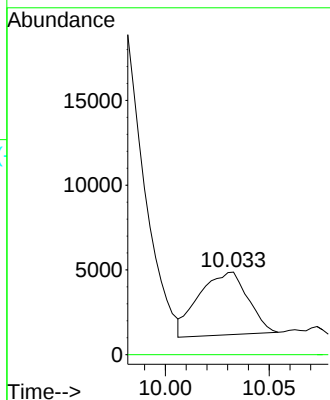
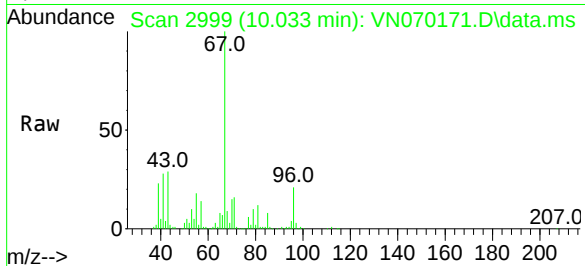




#58
2-Chloroethyl Vinyl ether
Concen: 19.367 ug/l
RT: 10.033 min Scan# 24
Delta R.T. -0.010 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

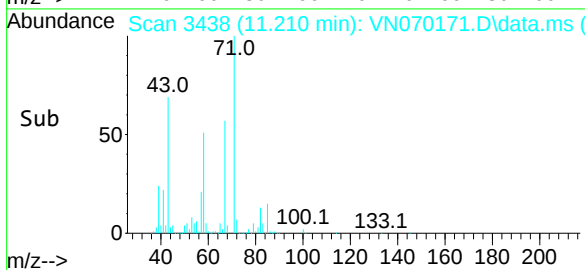
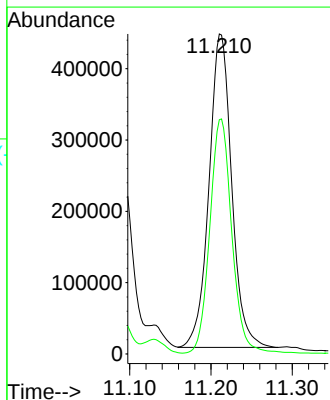
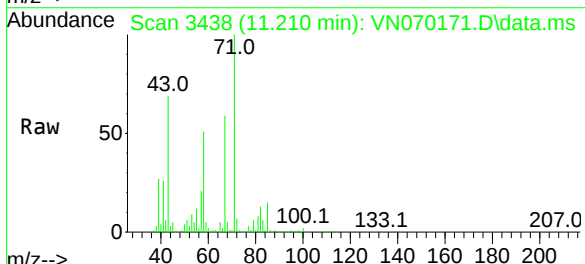
Instrument :
MSVOA_N
ClientSampleId :

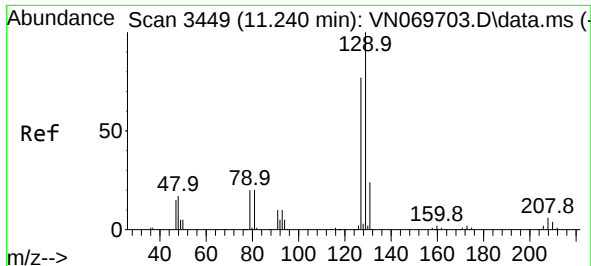
Tgt Ion: 63 Resp: 6082
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 52.599 ug/l
RT: 11.210 min Scan# 3438
Delta R.T. 0.123 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 43 Resp: 853589
Ion Ratio Lower Upper
43 100
58 72.3 26.9 80.7

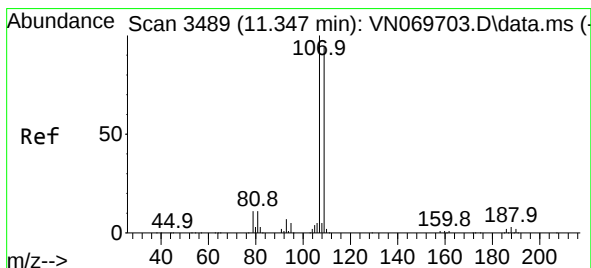
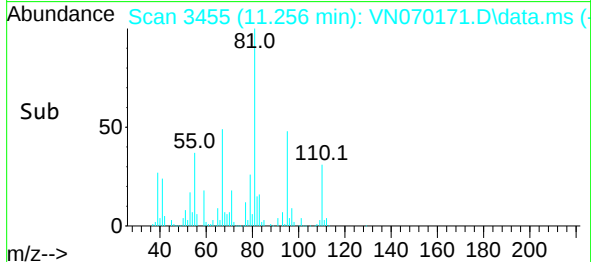
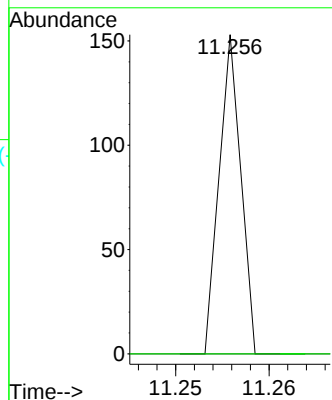
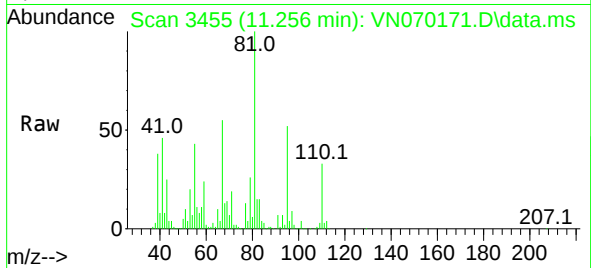




#60
Dibromochloromethane
Concen: 2.378 ug/l
RT: 11.256 min Scan# 3449
Delta R.T. 0.016 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

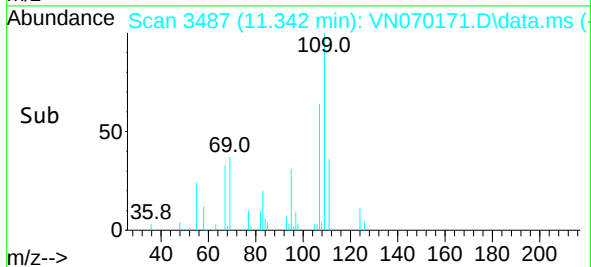
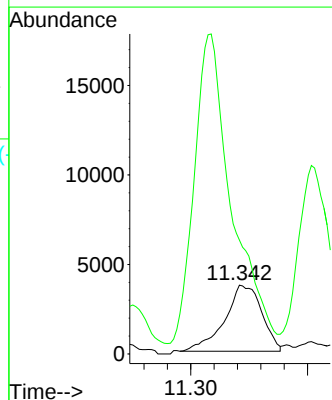
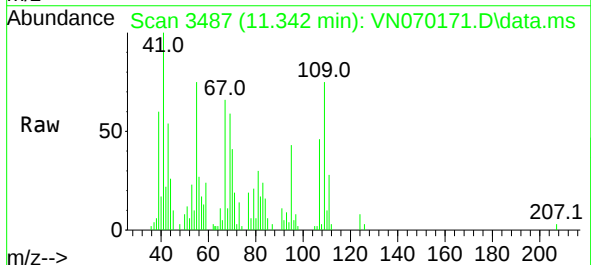
Instrument :
MSVOA_N
ClientSampleId :

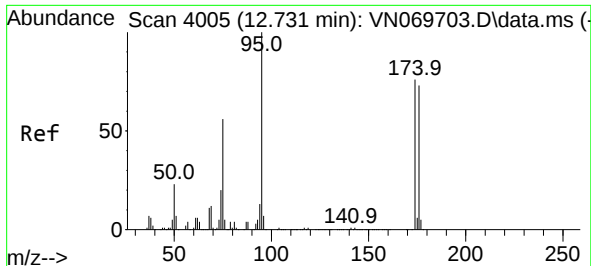
Tgt Ion:129 Resp: 25
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#61
1,2-Dibromoethane
Concen: 0.698 ug/l
RT: 11.342 min Scan# 3487
Delta R.T. -0.005 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion:107 Resp: 8175
Ion Ratio Lower Upper
107 100
109 0.0 75.7 113.5#

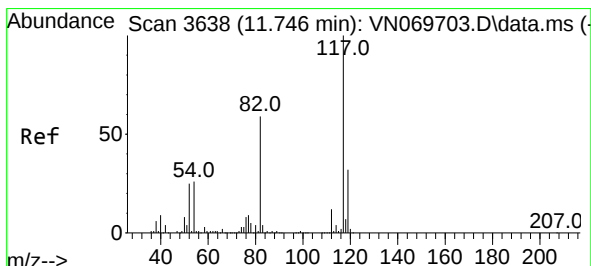
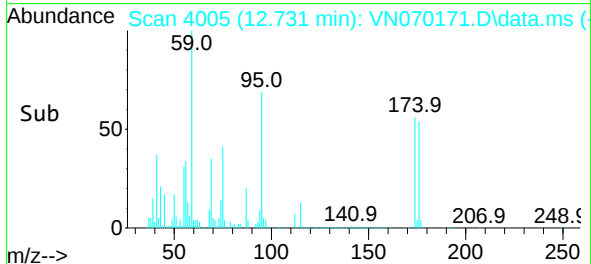
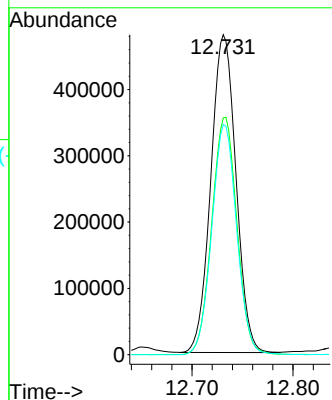
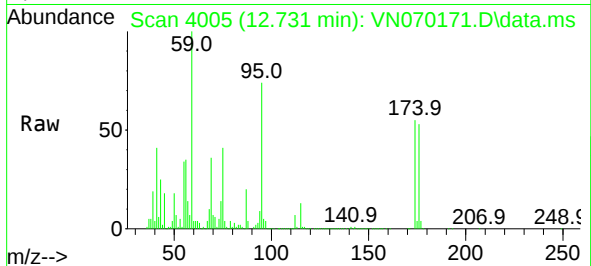




#62
4-Bromofluorobenzene
Concen: 57.517 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

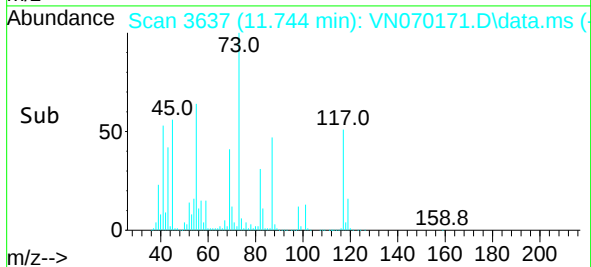
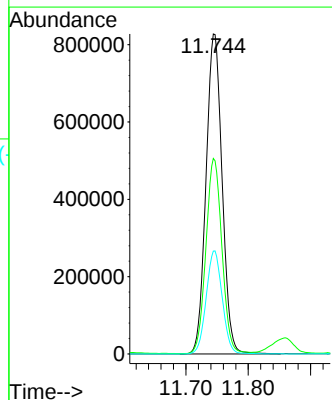
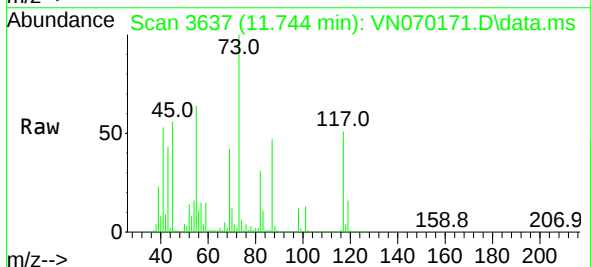
Instrument :
MSVOA_N
ClientSampleId :

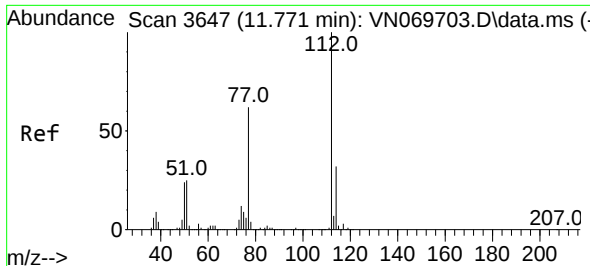
Tgt Ion: 95 Resp: 826542
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 117 Resp: 1486107
Ion Ratio Lower Upper
117 100
82 61.0 42.4 63.6
119 32.2 25.4 38.2

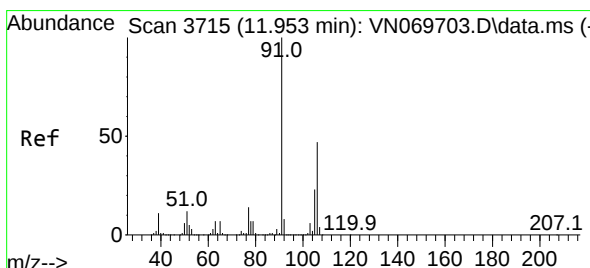
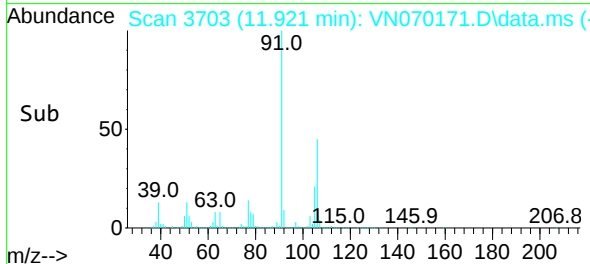
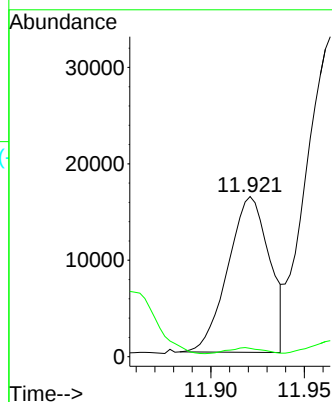
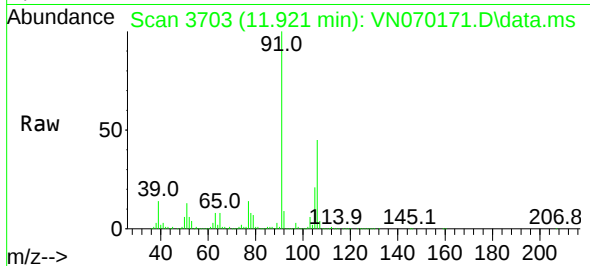




#65
Chlorobenzene
Concen: 0.829 ug/l
RT: 11.921 min Scan# 31
Delta R.T. 0.150 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

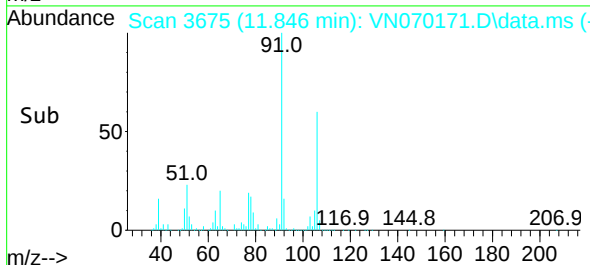
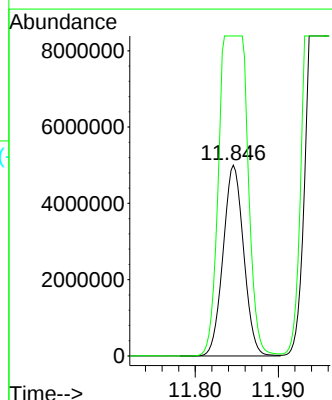
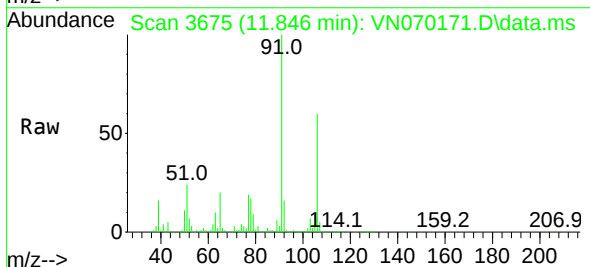
Instrument :
MSVOA_N
ClientSampleId :

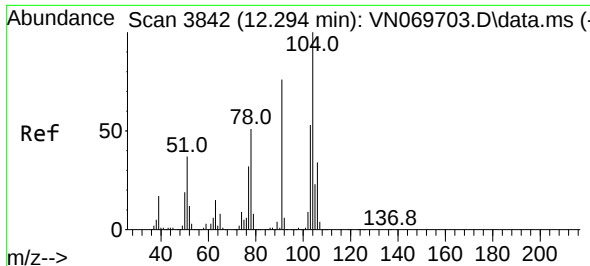
Tgt Ion:112 Resp: 25008
Ion Ratio Lower Upper
112 100
114 3.1 25.4 38.0#



#68
m/p-Xylenes
Concen: 430.636 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.107 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion:106 Resp: 8586949
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#

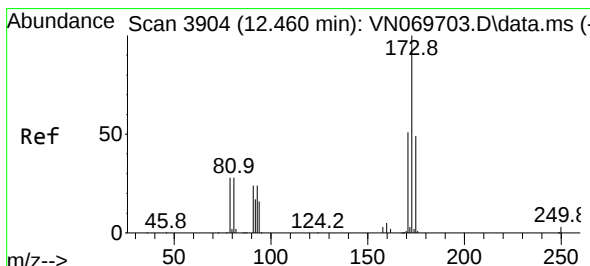
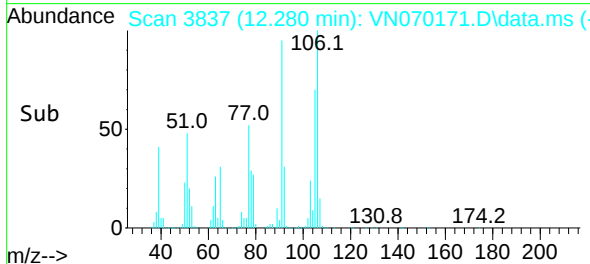
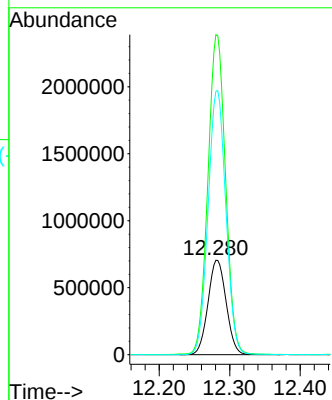
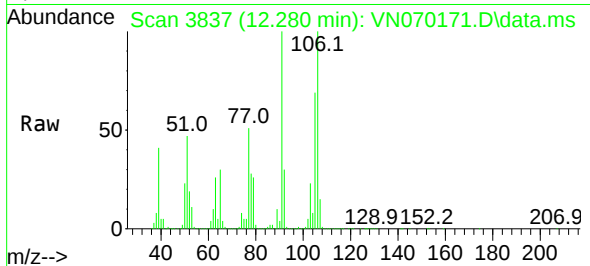




#70
Styrene
Concen: 39.601 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.014 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

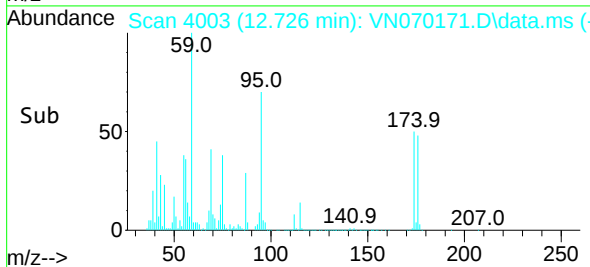
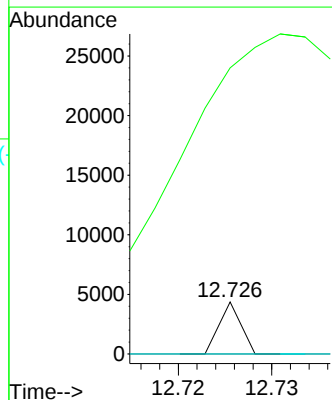
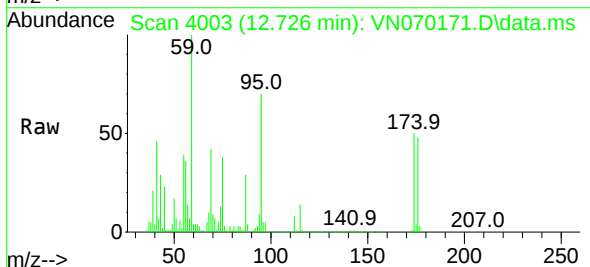
Instrument :
MSVOA_N
ClientSampleId :

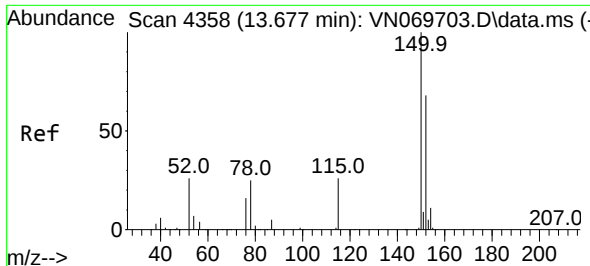
Tgt Ion:104 Resp: 1261242
Ion Ratio Lower Upper
104 100
78 329.5 38.7 58.1#
103 274.5 45.0 67.6#



#71
Bromoform
Concen: 2.804 ug/l
RT: 12.726 min Scan# 4003
Delta R.T. 0.266 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion:173 Resp: 702
Ion Ratio Lower Upper
173 100
175 6252.0 24.2 72.6#
254 0.0 0.0 0.0

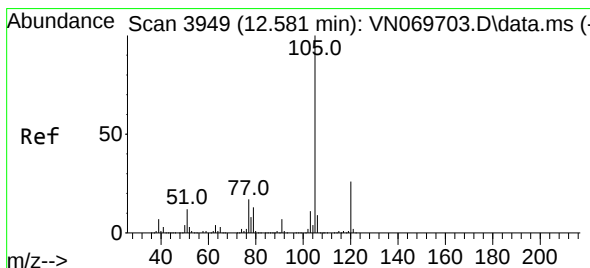
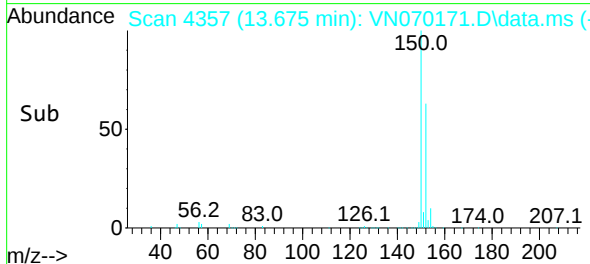
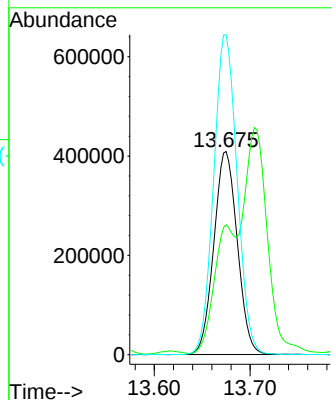
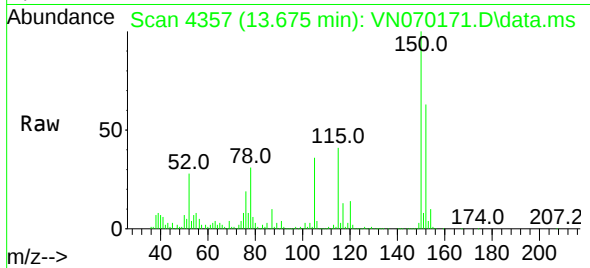




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

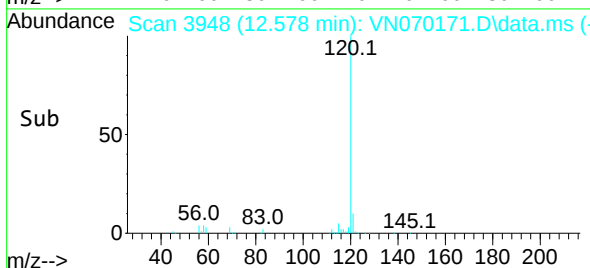
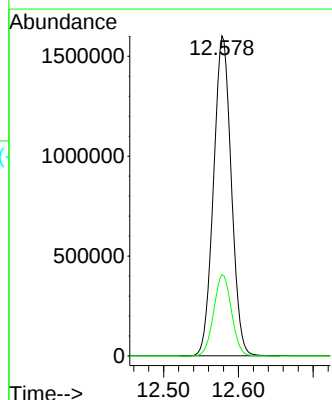
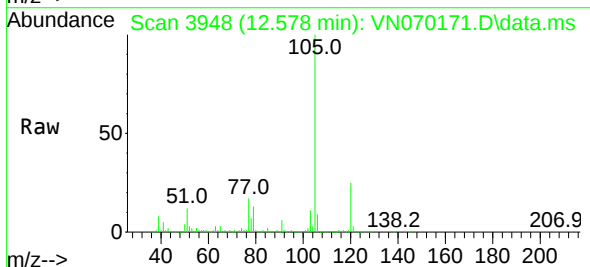
Instrument :
MSVOA_N
ClientSampleId :

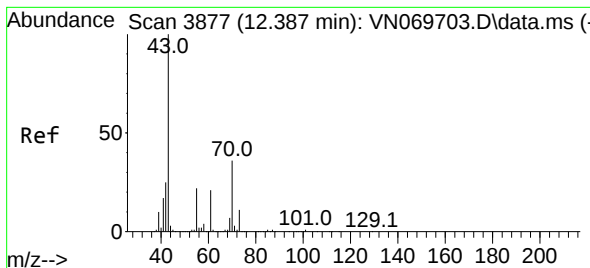
Tgt Ion:152 Resp: 694126
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 157.8 0.0 344.4



#73
Isopropylbenzene
Concen: 42.686 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion:105 Resp: 2636166
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1





#74

N-amy1 acetate

Concen: 1.731 ug/l

RT: 12.398 min Scan# 3881

Delta R.T. 0.011 min

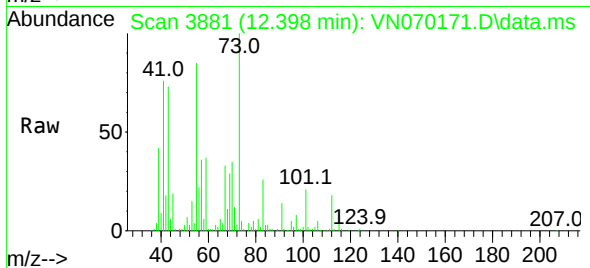
Lab File: VN070171.D

Acq: 17 Dec 2021 18:18

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 47263

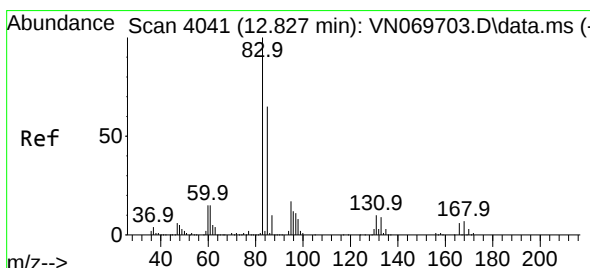
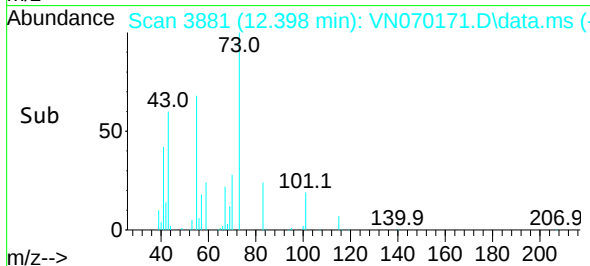
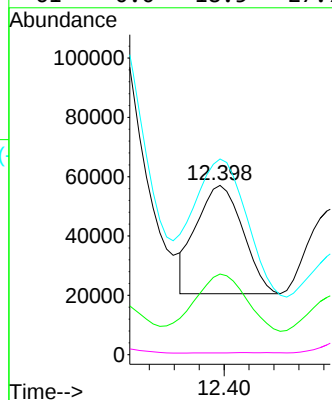
Ion Ratio Lower Upper

43 100

70 80.6 33.4 50.0#

55 184.7 19.3 28.9#

61 0.0 18.5 27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 8.792 ug/l

RT: 12.844 min Scan# 4047

Delta R.T. 0.016 min

Lab File: VN070171.D

Acq: 17 Dec 2021 18:18

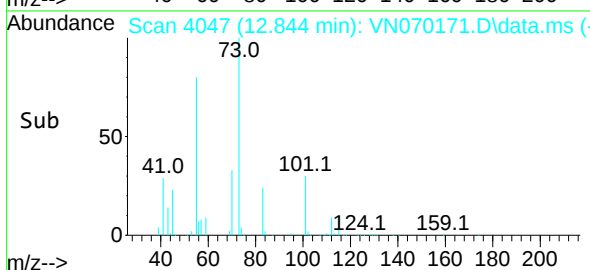
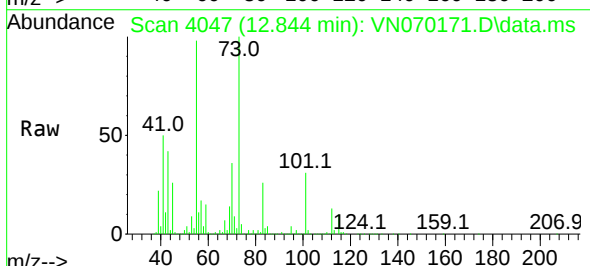
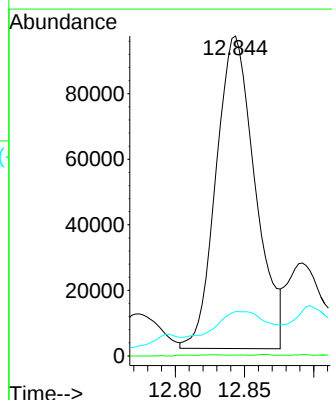
Tgt Ion: 83 Resp: 187758

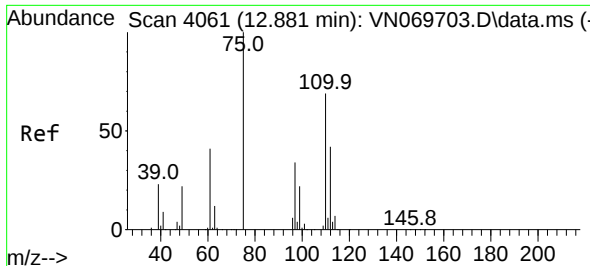
Ion Ratio Lower Upper

83 100

131 0.1 5.5 16.5#

85 9.4 32.4 97.2#

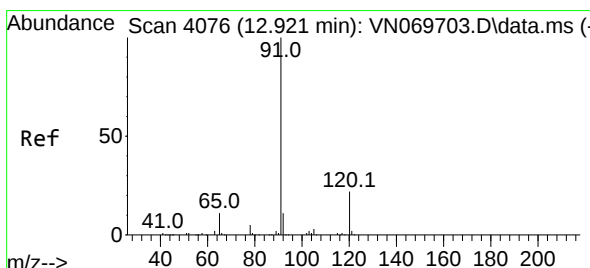
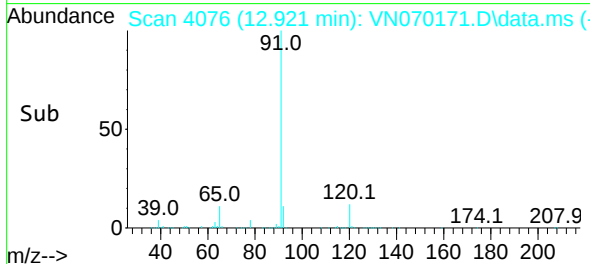
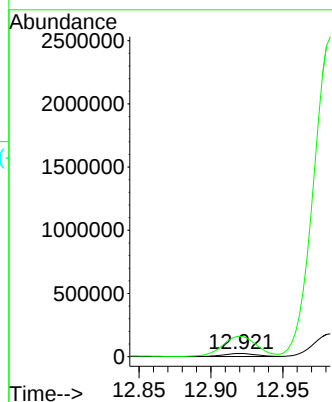
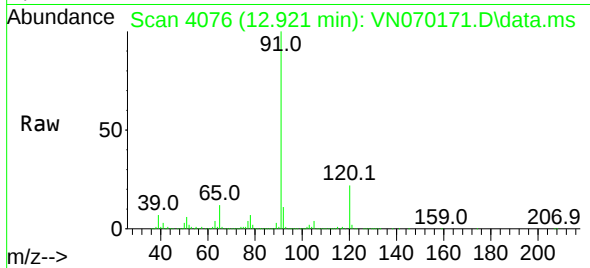




#76
1,2,3-Trichloropropane
Concen: 1.971 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.040 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

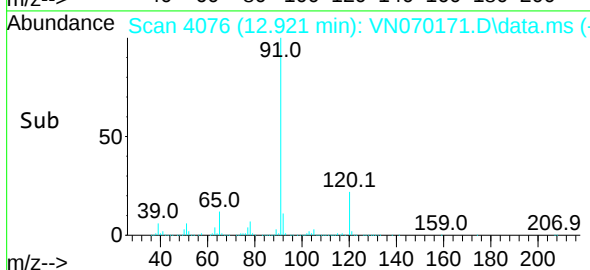
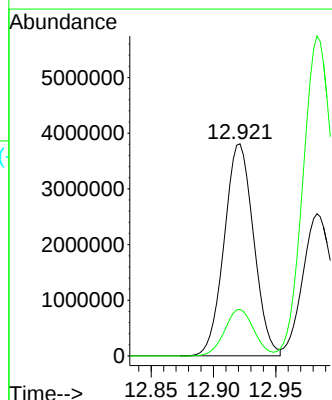
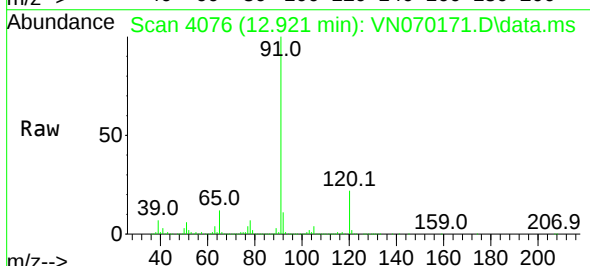
Instrument :
MSVOA_N
ClientSampleId :

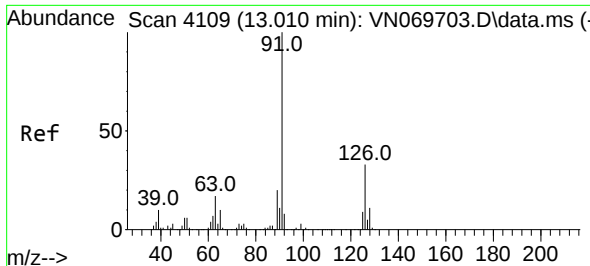
Tgt Ion: 75 Resp: 39235
Ion Ratio Lower Upper
75 100
77 664.8 82.6 247.8#



#78
n-propylbenzene
Concen: 90.990 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 91 Resp: 6253060
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9

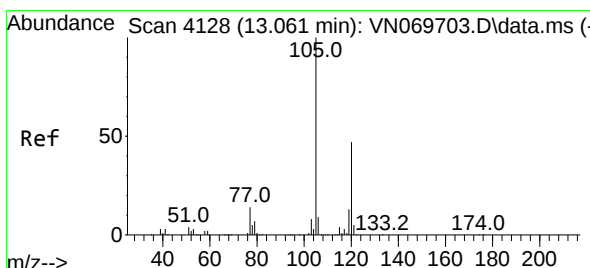
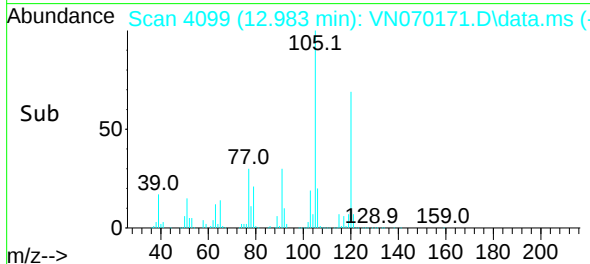
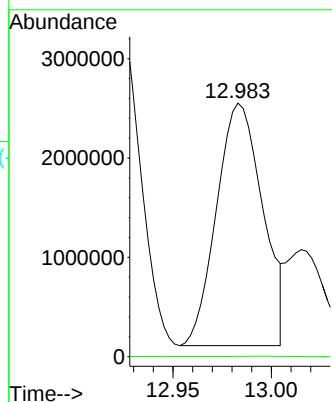
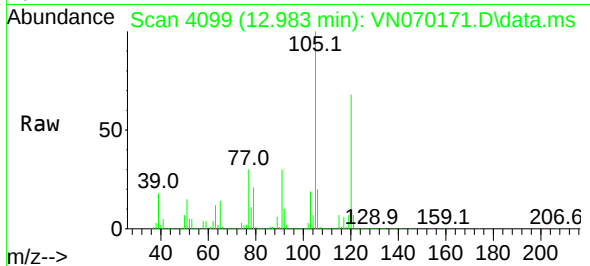




#79
2-Chlorotoluene
Concen: 91.876 ug/l
RT: 12.983 min Scan# 4109
Delta R.T. -0.027 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

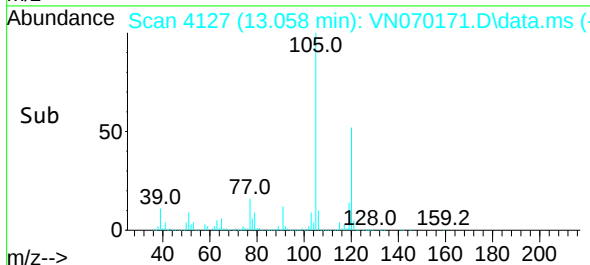
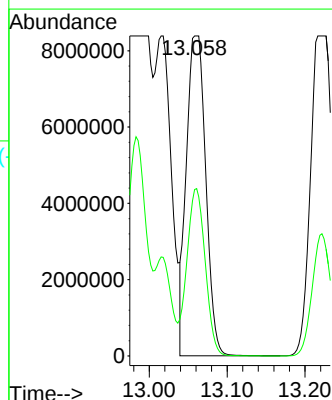
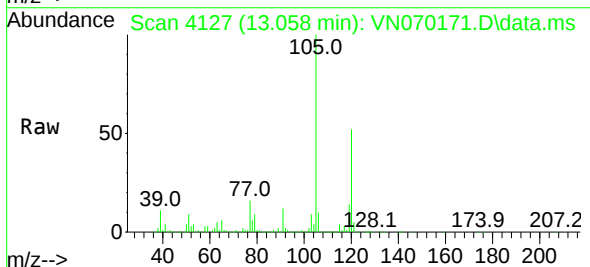
Instrument :
MSVOA_N
ClientSampleId :

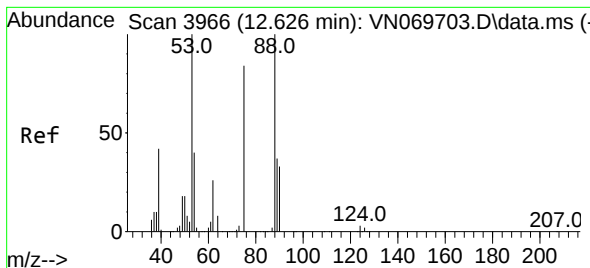
Tgt Ion: 91 Resp: 3989597
Ion Ratio Lower Upper
91 100
126 0.2 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 290.689 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 105 Resp: 14449500
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.6

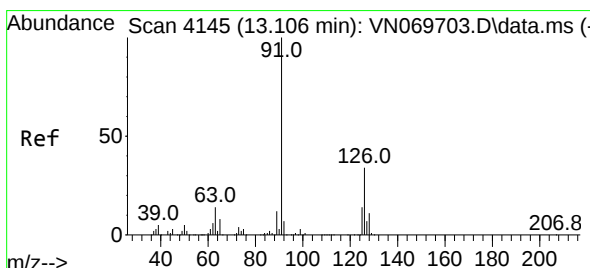
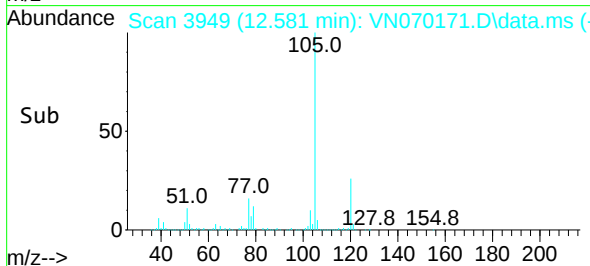
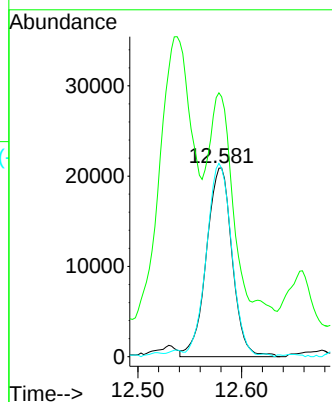
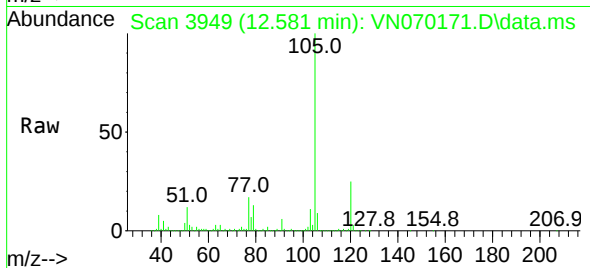




#81
trans-1,4-Dichloro-2-butene
Concen: 9.506 ug/l
RT: 12.581 min Scan# 3966
Delta R.T. -0.045 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

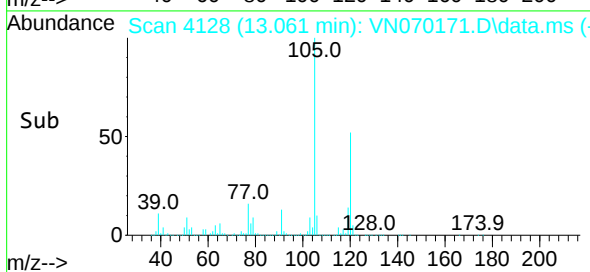
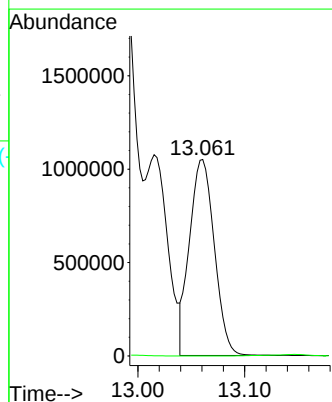
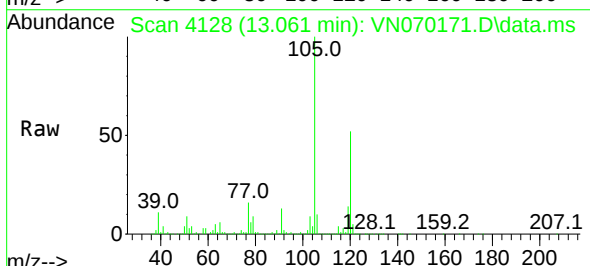
Instrument :
MSVOA_N
ClientSampleId :

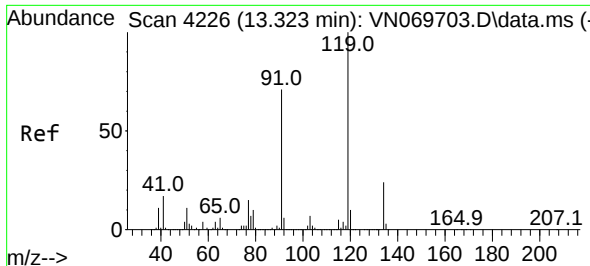
Tgt Ion: 75 Resp: 36043
Ion Ratio Lower Upper
75 100
53 92.6 90.5 135.7
89 97.7 38.2 57.4#



#82
4-Chlorotoluene
Concen: 41.341 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

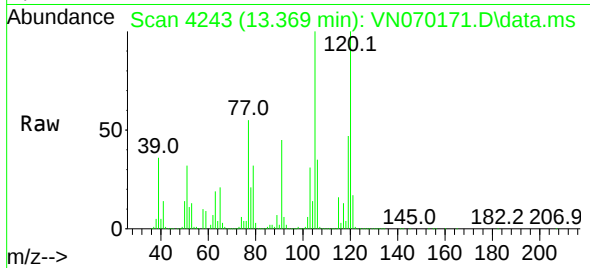
Tgt Ion: 91 Resp: 1688249
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



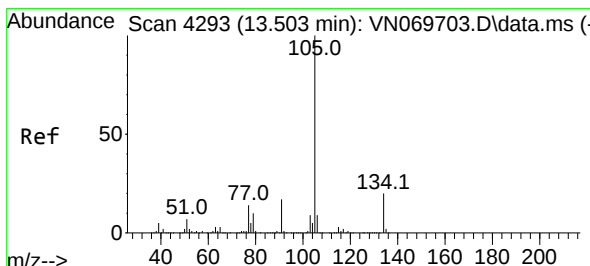
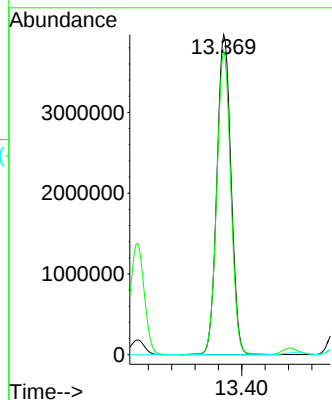
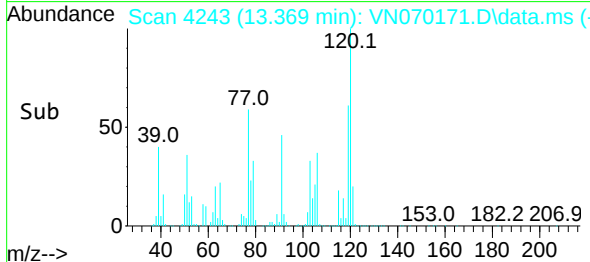


#83
tert-Butylbenzene
Concen: 151.540 ug/l
RT: 13.369 min Scan# 4186
Delta R.T. 0.046 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :

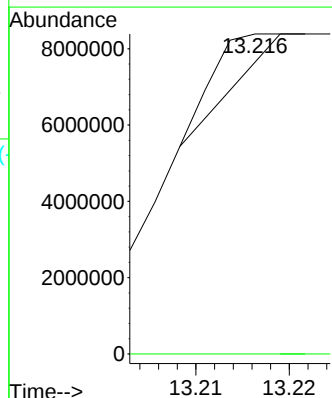
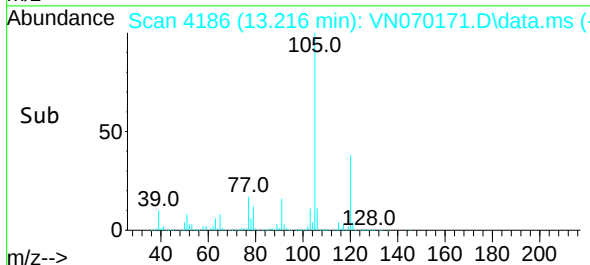
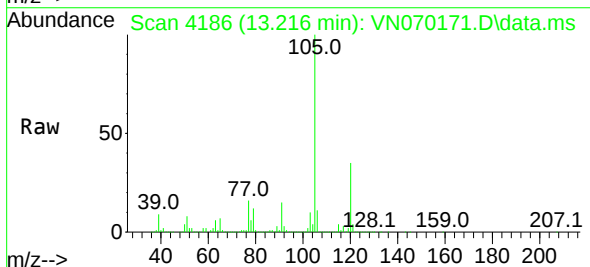


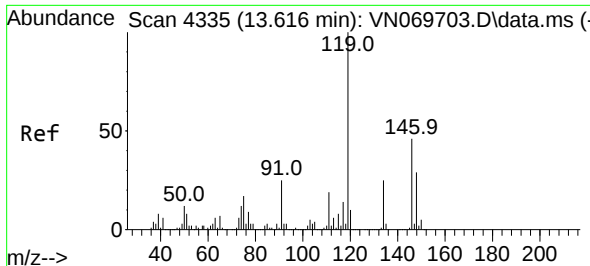
Tgt Ion:119 Resp: 6670013
Ion Ratio Lower Upper
119 100
91 94.1 31.5 94.5
134 0.0 12.4 37.4#



#85
sec-Butylbenzene
Concen: 11.495 ug/l
RT: 13.216 min Scan# 4186
Delta R.T. -0.287 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion:105 Resp: 686246
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

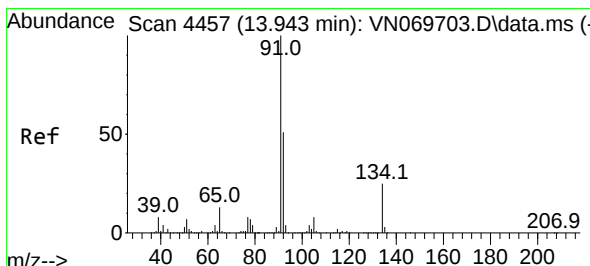
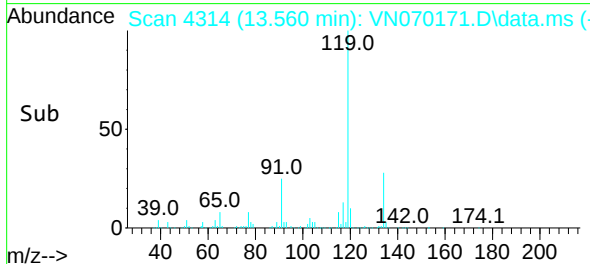
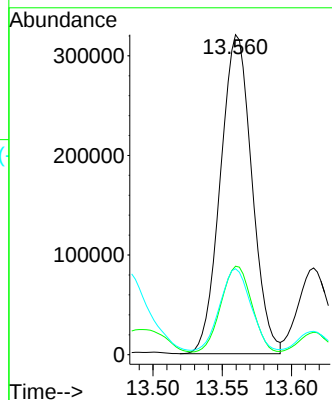
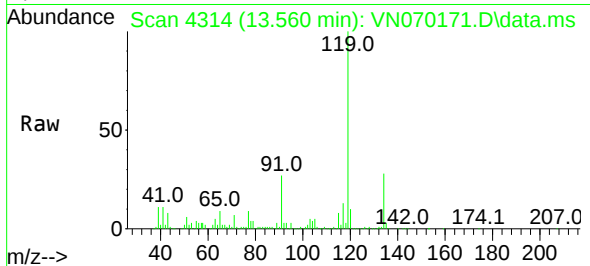




#86
p-Isopropyltoluene
Concen: 10.860 ug/l
RT: 13.560 min Scan# 41
Delta R.T. -0.056 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

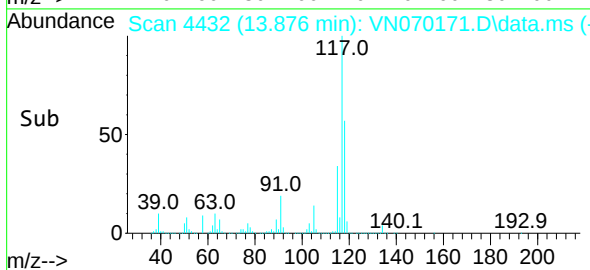
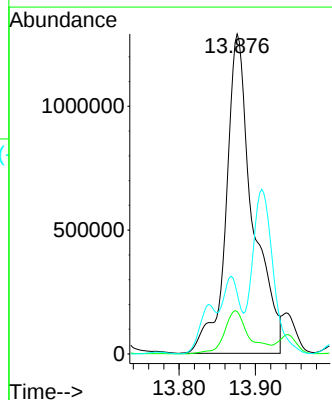
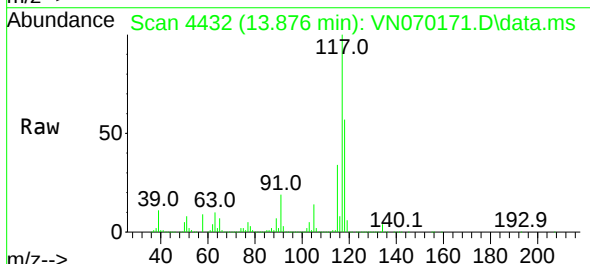
Instrument :
MSVOA_N
ClientSampleId :

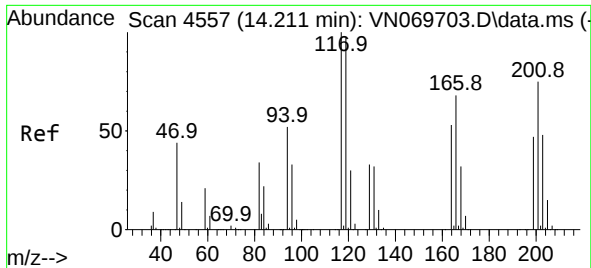
Tgt Ion:119 Resp: 506790
Ion Ratio Lower Upper
119 100
134 28.0 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 82.665 ug/l
RT: 13.876 min Scan# 4432
Delta R.T. -0.067 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 91 Resp: 3129330
Ion Ratio Lower Upper
91 100
92 12.6 25.4 76.0#
134 11.3 13.6 40.8#

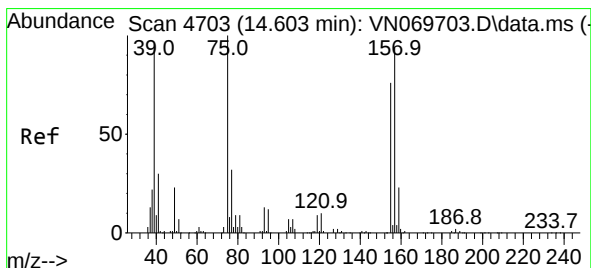
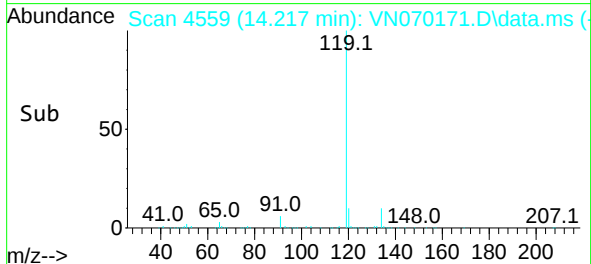
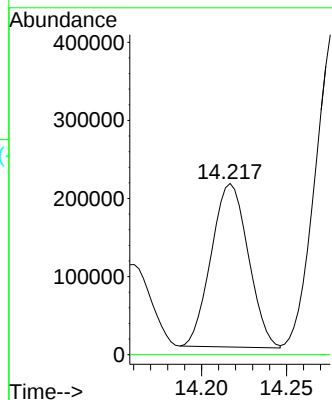
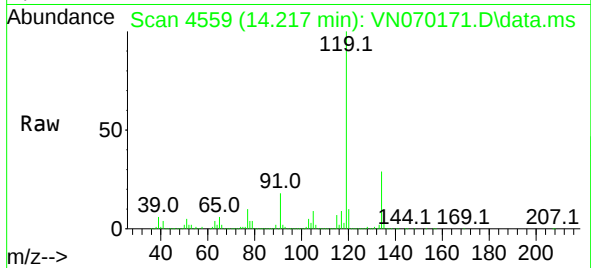




#90
Hexachloroethane
Concen: 38.764 ug/l
RT: 14.217 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

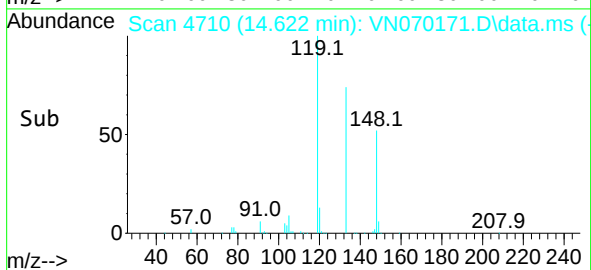
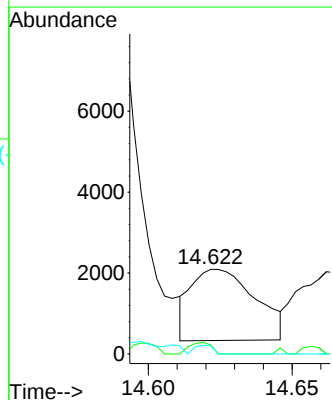
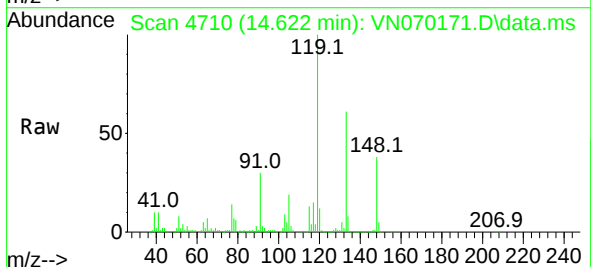
Instrument :
MSVOA_N
ClientSampleId :

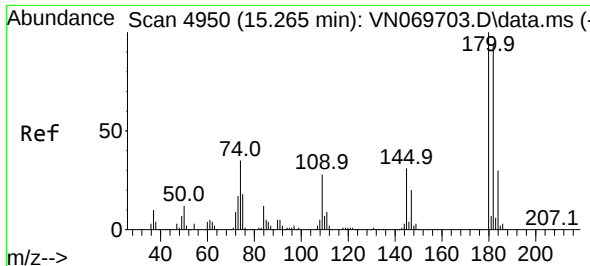
Tgt Ion:117 Resp: 317602
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.711 ug/l
RT: 14.622 min Scan# 4710
Delta R.T. 0.019 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

Tgt Ion: 75 Resp: 2742
Ion Ratio Lower Upper
75 100
155 5.5 46.9 140.7#
157 3.5 60.6 181.7#

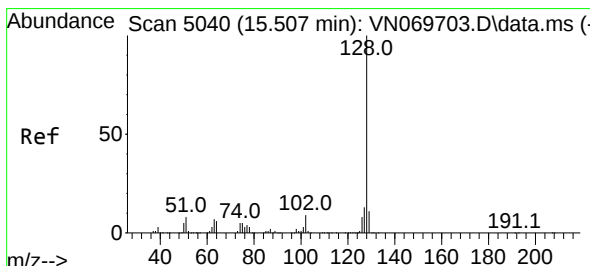
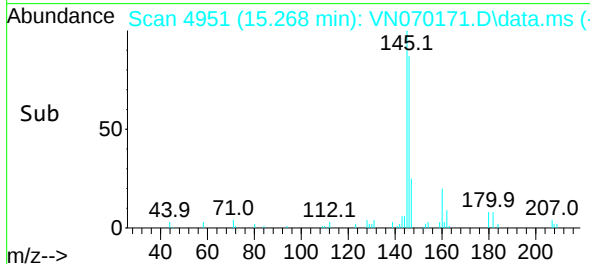
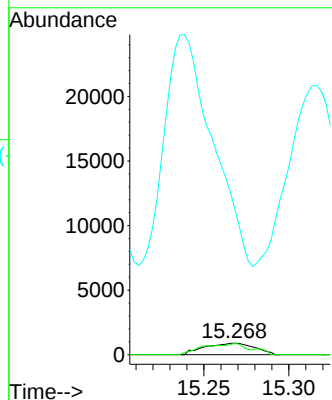
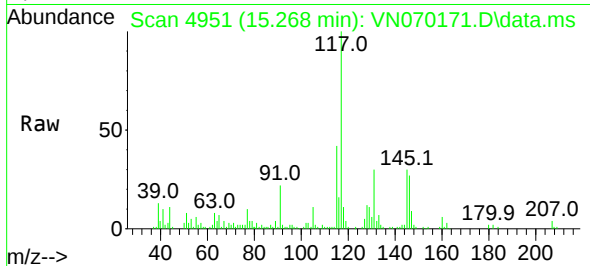




#93
1,2,4-Trichlorobenzene
Concen: 3.029 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

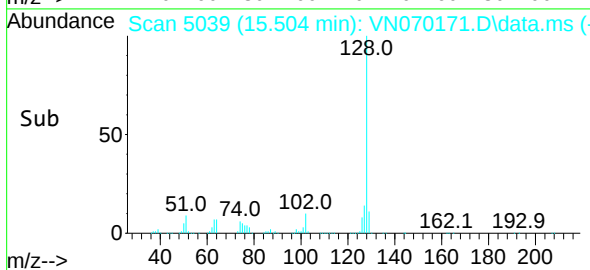
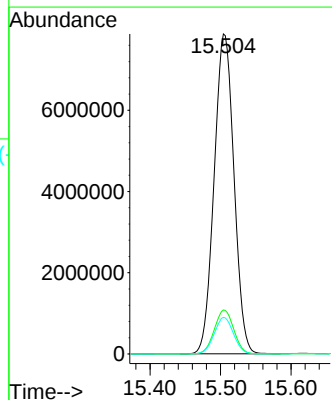
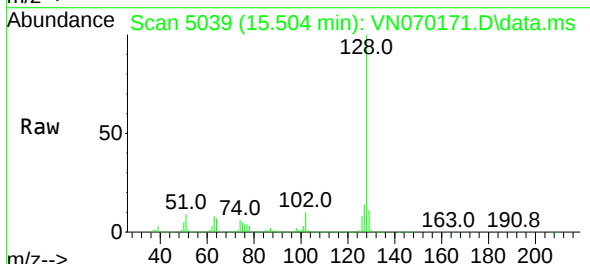
Instrument :
MSVOA_N
ClientSampleId :

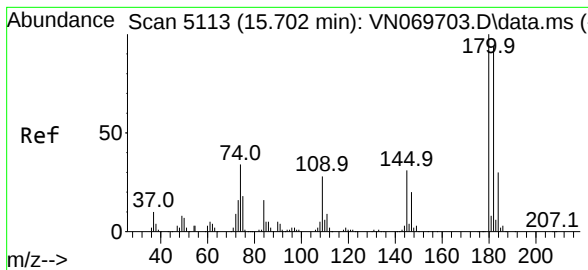
Tgt Ion:180 Resp: 1822
Ion Ratio Lower Upper
180 100
182 81.6 48.3 144.9
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 421.579 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070171.D
Acq: 17 Dec 2021 18:18

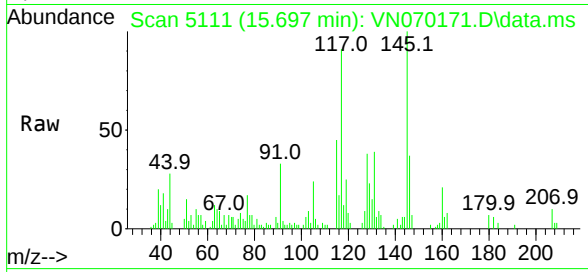
Tgt Ion:128 Resp:15392411
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.569 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: VN070171.D
 Acq: 17 Dec 2021 18:18

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1557
Ion	Ratio	Lower	Upper
180	100		
182	109.7	47.4	142.2
145	0.0	15.0	45.1#

