

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070910.D
 Acq On : 2 Feb 2022 23:40
 Operator : JC/MD
 Sample : N1342-07DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31526DL

Quant Time: Feb 03 06:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	960798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1507280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1284702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	594922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	584214	44.921	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.840%
35) Dibromofluoromethane	8.019	113	430333	47.659	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.320%
50) Toluene-d8	10.441	98	1896839	51.164	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.731	95	664217	49.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.440%
Target Compounds						
					Qvalue	
5) Bromomethane	2.818	94	2274	0.395	ug/l	93
8) Diethyl Ether	3.805	74	1748	0.240	ug/l #	3
11) Tert butyl alcohol	5.398	59	795141	290.962	ug/l	99
13) Acrolein	4.039	56	2893	0.962	ug/l #	76
16) Acetone	4.288	43	805667	103.602	ug/l	96
18) Methyl Acetate	4.854	43	298239	16.508	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	260314	7.042	ug/l	93
20) Methylene Chloride	5.087	84	2994	0.254	ug/l #	80
22) Diisopropyl ether	6.490	45	46085	1.079	ug/l #	1
23) Vinyl Acetate	6.549	43	163085	4.315	ug/l #	72
25) 2-Butanone	7.340	43	683384	60.880	ug/l	95
29) Tetrahydrofuran	7.697	42	21070	2.890	ug/l #	70
31) Cyclohexane	8.083	56	30528	1.382	ug/l #	16
36) 1,1-Dichloropropene	8.083	75	74256	5.062	ug/l #	49
37) Ethyl Acetate	7.340	43	683384	33.802	ug/l #	68
38) Carbon Tetrachloride	8.083	117	92807	6.928	ug/l #	16
39) Methylcyclohexane	9.456	83	7442	0.413	ug/l #	52
40) Benzene	8.459	78	1652981	35.868	ug/l	100
41) Methacrylonitrile	7.689	41	18193	1.791	ug/l #	25
43) Isopropyl Acetate	8.432	43	6769730	199.188	ug/l #	56
45) 1,2-Dichloropropane	9.537	63	6003	0.486	ug/l #	1
48) Methyl methacrylate	9.534	41	1634236	111.527	ug/l #	33
49) 1,4-Dioxane	9.577	88	349960	1425.666	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	1299030	64.937	ug/l	98
52) Toluene	10.505	92	1167762	40.896	ug/l	97
53) t-1,3-Dichloropropene	10.580	75	374977	22.313	ug/l #	44
56) Ethyl methacrylate	10.695	69	473428	25.065	ug/l #	66
57) 1,3-Dichloropropane	11.090	76	12125	0.639	ug/l #	55
58) 2-Chloroethyl Vinyl ether	10.049	63	99	19.668	ug/l #	45
59) 2-Hexanone	11.092	43	332005	22.731	ug/l #	61
67) Ethyl Benzene	11.843	91	204969	4.182	ug/l	96
68) m/p-Xylenes	11.948	106	401115	22.086	ug/l	92
69) o-Xylene	12.280	106	209820	11.544	ug/l	92
70) Styrene	12.283	104	12638	0.441	ug/l #	1
73) Isopropylbenzene	12.578	105	15606	0.301	ug/l	98
74) N-amyl acetate	12.318	43	2815675	121.121	ug/l #	1

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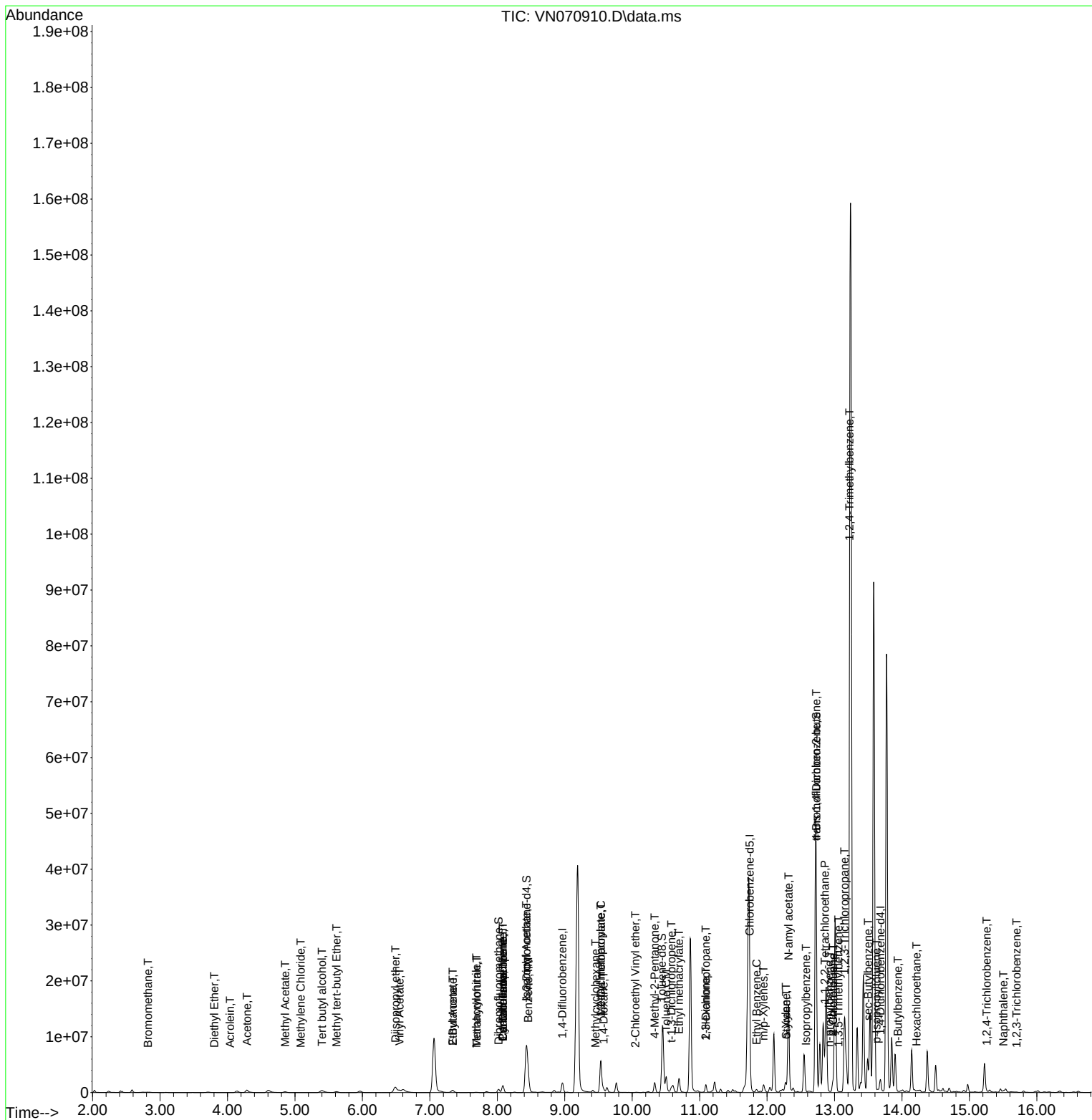
Quant Time: Feb 03 06:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
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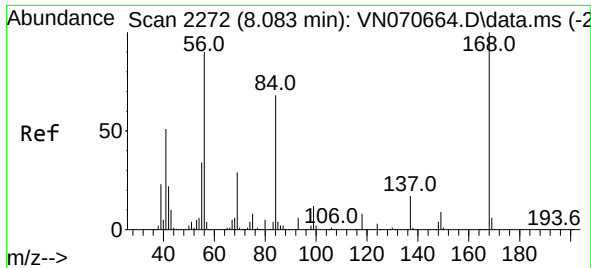
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) 1,1,2,2-Tetrachloroethane	12.857	83	1010468	56.201	ug/l #	25
76) 1,2,3-Trichloropropane	13.147	75	10466	0.731	ug/l	84
78) n-propylbenzene	12.921	91	11937	0.202	ug/l	85
79) 2-Chlorotoluene	12.978	91	43962	1.194	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.061	105	41241	0.980	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.731	75	346022	65.500	ug/l #	55
82) 4-Chlorotoluene	12.978	91	43962	1.239	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.222	105	22407	0.545	ug/l	75
85) sec-Butylbenzene	13.498	105	12440	0.242	ug/l	86
86) p-Isopropyltoluene	13.621	119	9633	0.238	ug/l #	76
89) n-Butylbenzene	13.941	91	8330	0.233	ug/l #	71
90) Hexachloroethane	14.217	117	2183	0.304	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.257	180	8415	0.766	ug/l #	64
95) Naphthalene	15.504	128	251523	11.035	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	9665	2.592	ug/l #	72

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

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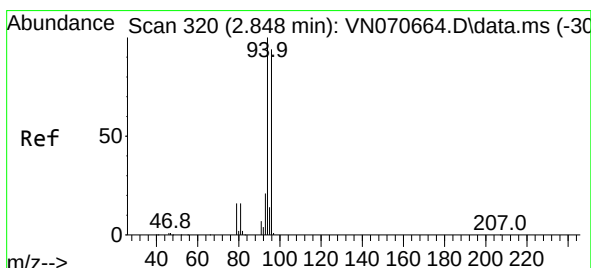
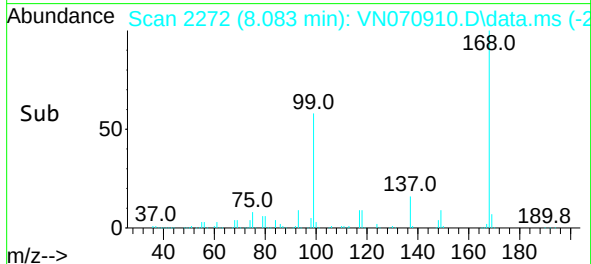
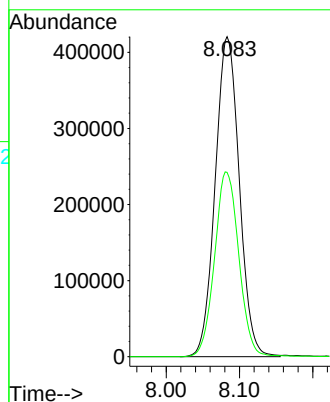
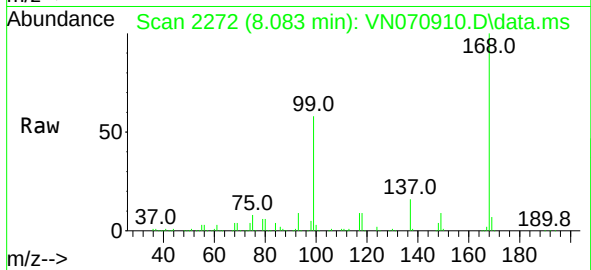




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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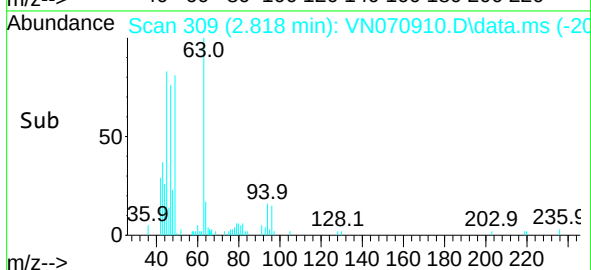
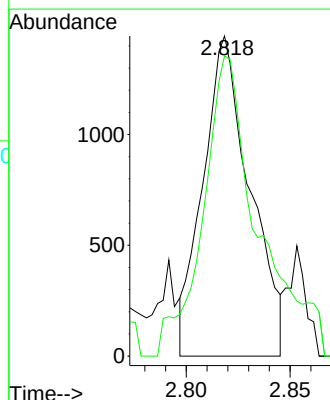
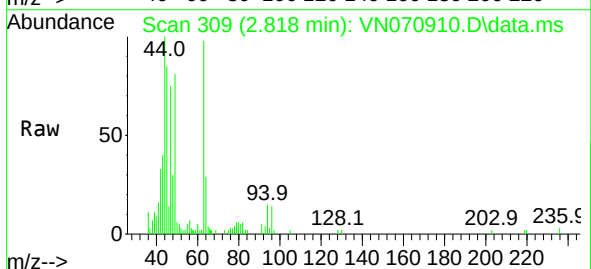
Instrument :
MSVOA_N
ClientSampleId :
31526DL

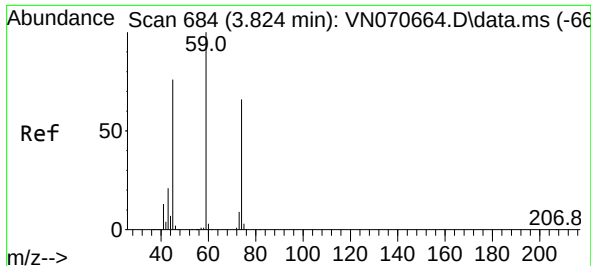
Tgt Ion:168 Resp: 960798
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#5
Bromomethane
Concen: 0.395 ug/l
RT: 2.818 min Scan# 309
Delta R.T. -0.014 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 94 Resp: 2274
Ion Ratio Lower Upper
94 100
96 98.7 73.8 110.8

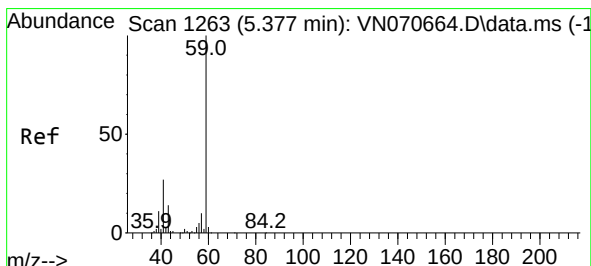
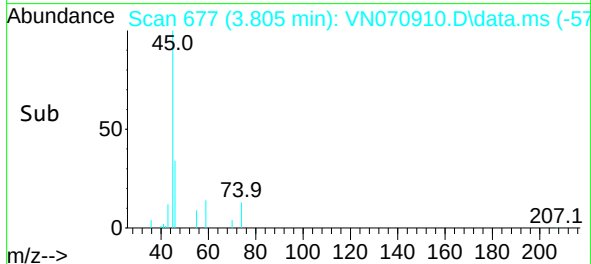
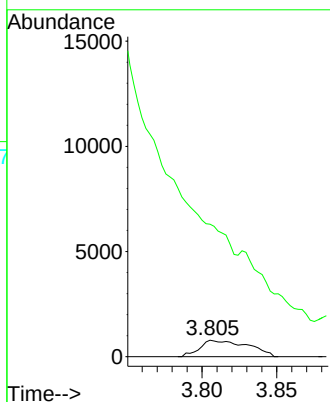
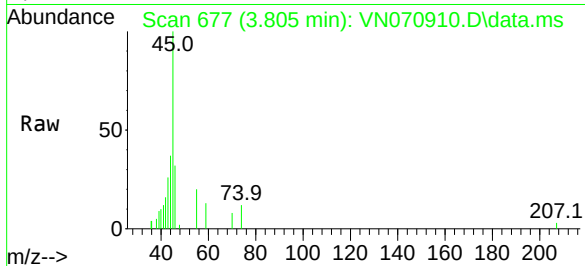




#8
Diethyl Ether
Concen: 0.240 ug/l
RT: 3.805 min Scan# 61
Delta R.T. -0.016 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

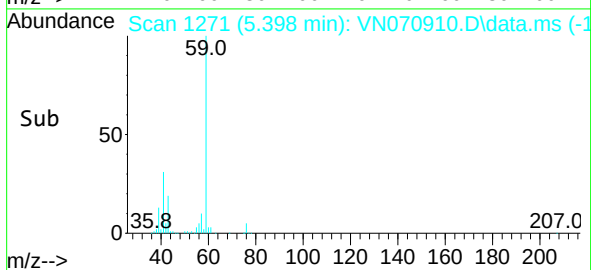
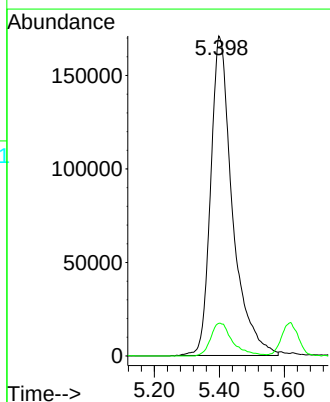
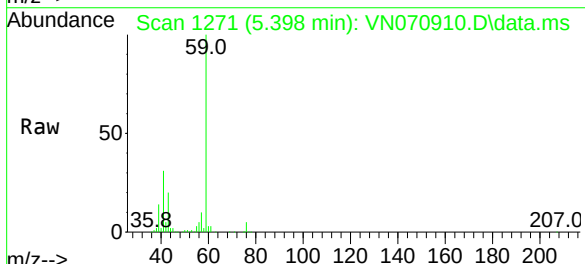
Instrument :
MSVOA_N
ClientSampleId :
31526DL

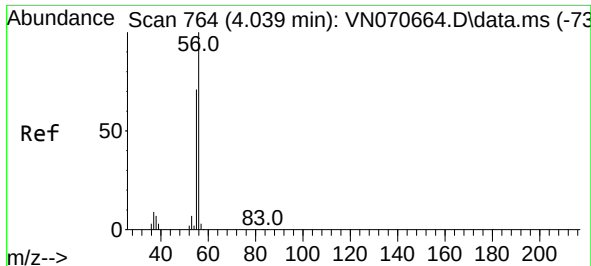
Tgt Ion: 74 Resp: 1748
Ion Ratio Lower Upper
74 100
45 0.0 47.0 141.2#



#11
Tert butyl alcohol
Concen: 290.962 ug/l
RT: 5.398 min Scan# 1271
Delta R.T. 0.016 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 59 Resp: 795141
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

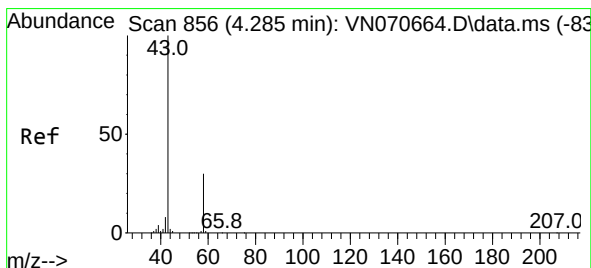
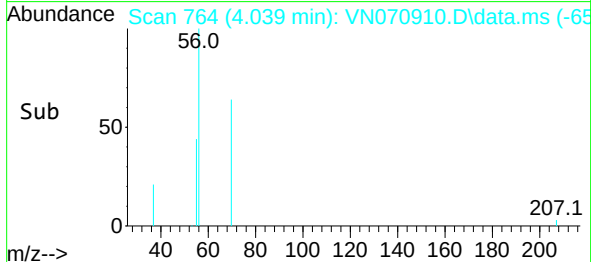
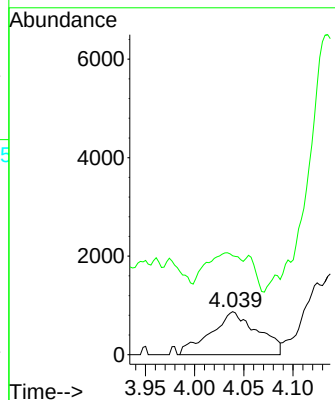
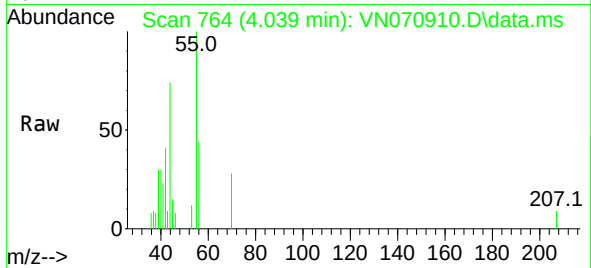




#13
Acrolein
Concen: 0.962 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

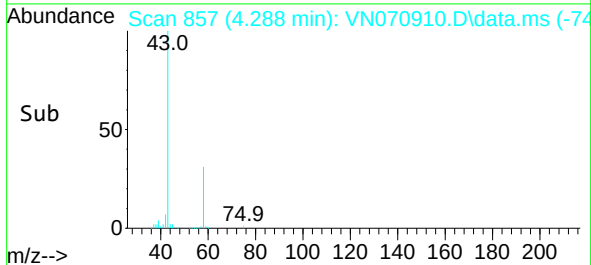
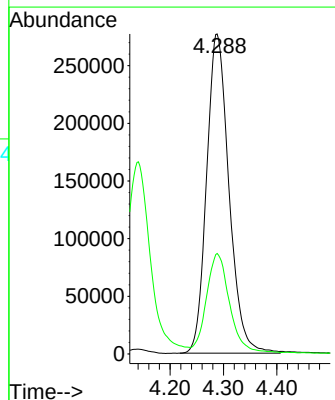
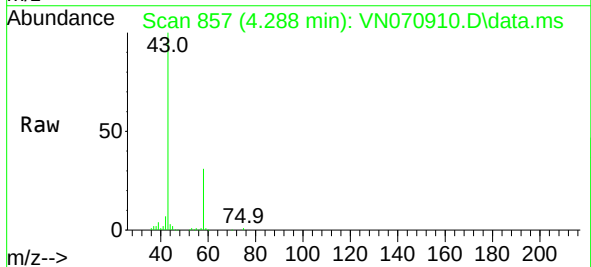
Instrument :
MSVOA_N
ClientSampleId :
31526DL

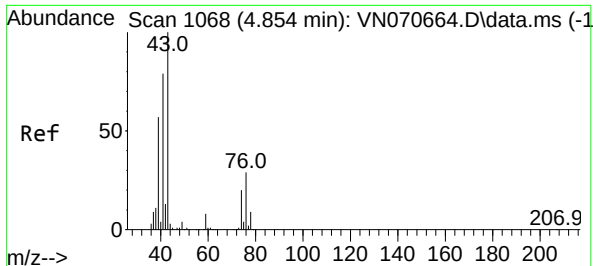
Tgt Ion: 56 Resp: 2893
Ion Ratio Lower Upper
56 100
55 51.2 56.6 85.0#



#16
Acetone
Concen: 103.602 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 43 Resp: 805667
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7





#18

Methyl Acetate

Concen: 16.508 ug/l

RT: 4.854 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

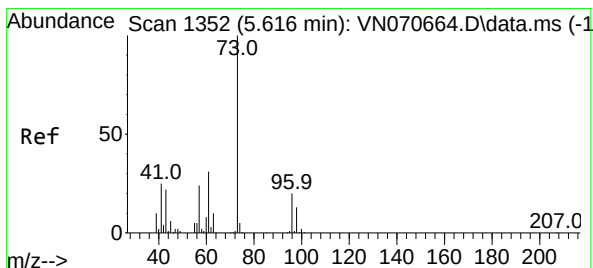
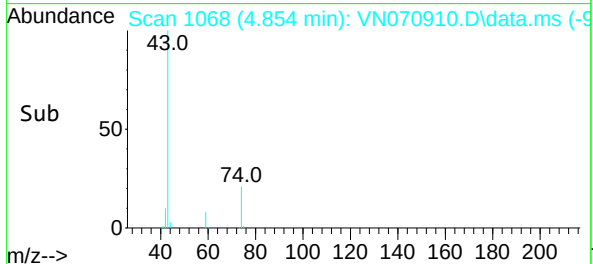
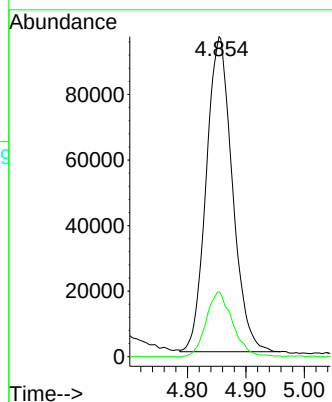
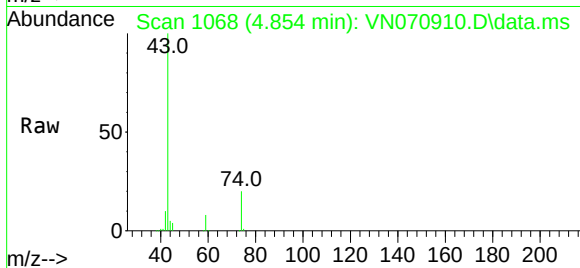
31526DL

Tgt Ion: 43 Resp: 298239

Ion Ratio Lower Upper

43 100

74 20.7 19.4 29.2



#19

Methyl tert-butyl Ether

Concen: 7.042 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN070910.D

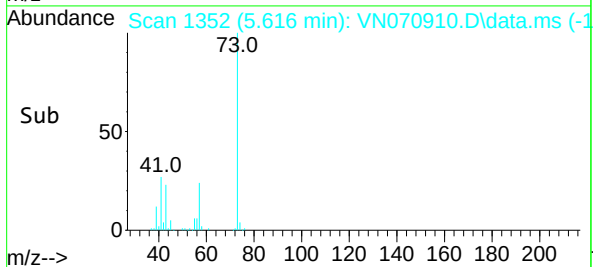
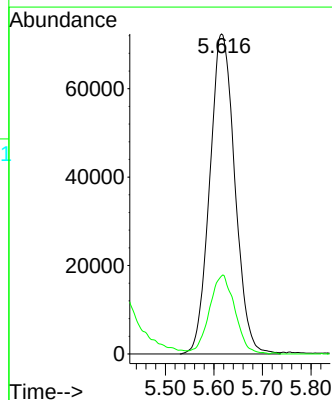
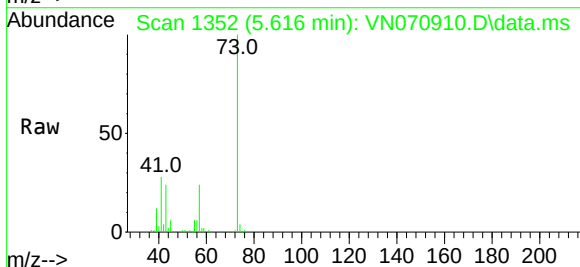
Acq: 2 Feb 2022 23:40

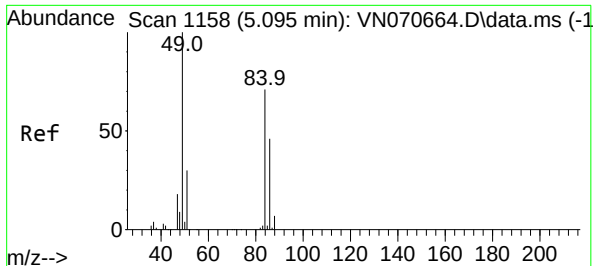
Tgt Ion: 73 Resp: 260314

Ion Ratio Lower Upper

73 100

57 24.4 16.8 25.2



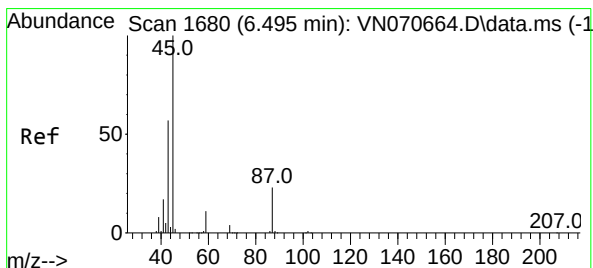
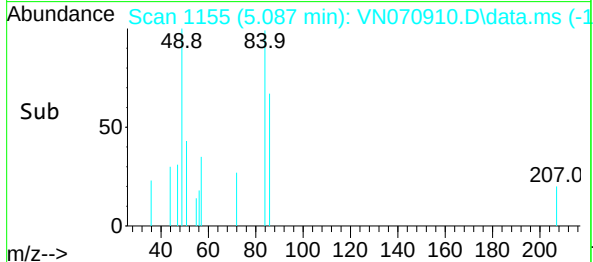
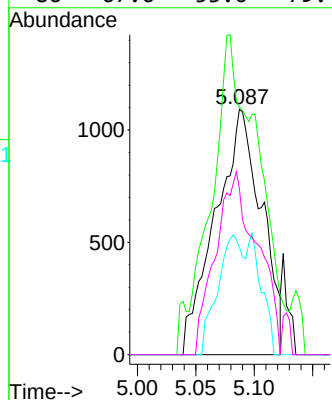
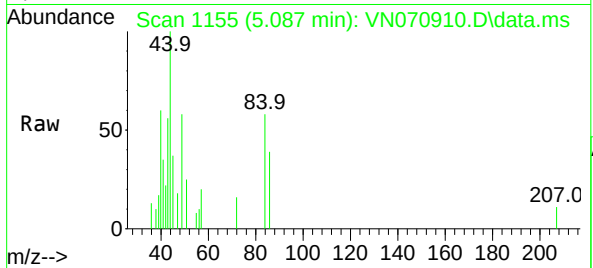


#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 5.087 min Scan# 1158
Delta R.T. -0.003 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Instrument :
MSVOA_N
ClientSampleId :
31526DL

Tgt Ion: 84 Resp: 2994

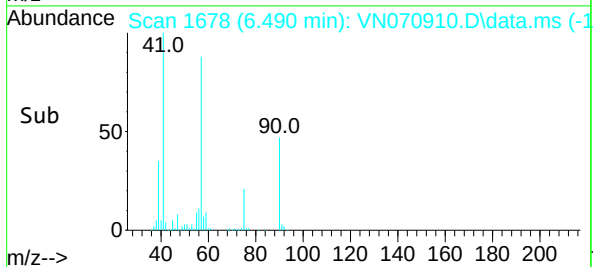
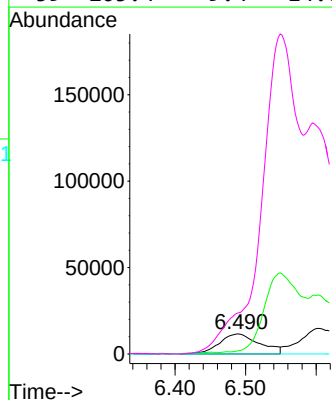
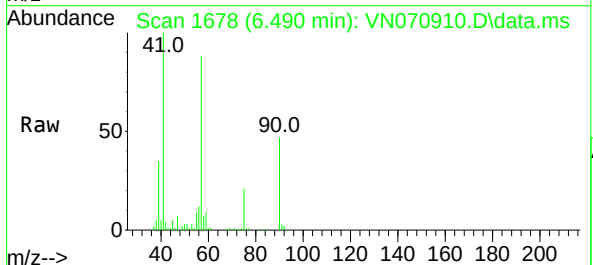
Ion	Ratio	Lower	Upper
84	100		
49	80.3	93.5	140.3#
51	43.7	29.4	44.2
86	67.6	53.0	79.4

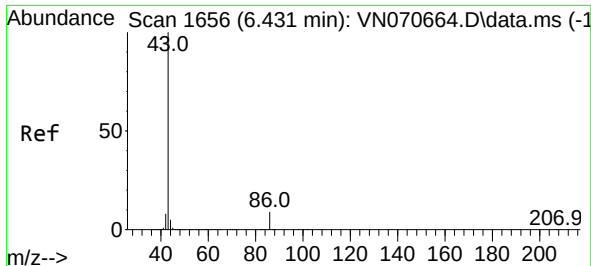


#22
Diisopropyl ether
Concen: 1.079 ug/l
RT: 6.490 min Scan# 1678
Delta R.T. -0.005 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 45 Resp: 46085

Ion	Ratio	Lower	Upper
45	100		
43	13.7	51.7	77.5#
87	0.0	23.2	34.8#
59	205.4	9.4	14.0#

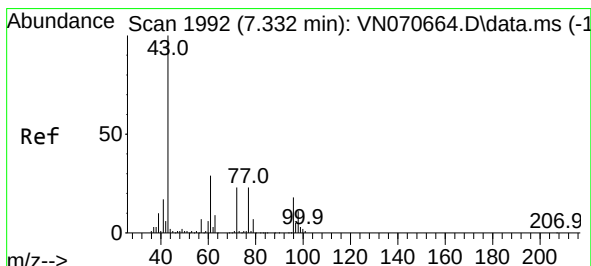
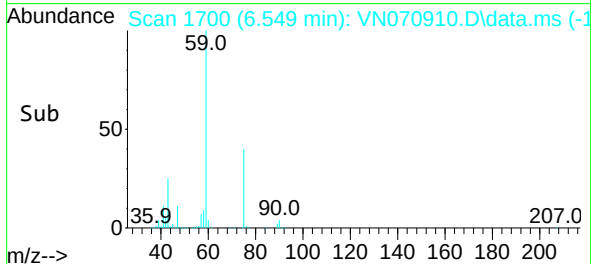
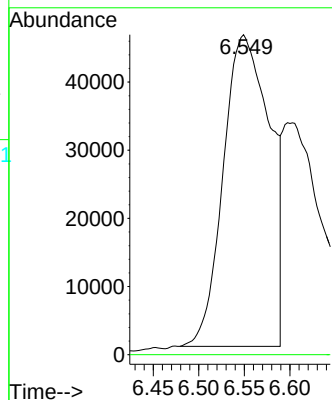
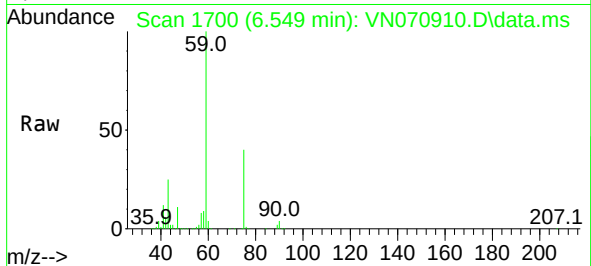




#23
 Vinyl Acetate
 Concen: 4.315 ug/l
 RT: 6.549 min Scan# 11
 Delta R.T. 0.115 min
 Lab File: VN070910.D
 Acq: 2 Feb 2022 23:40

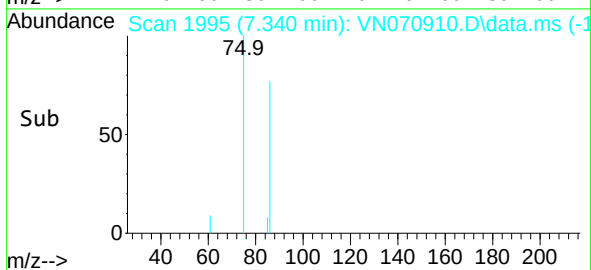
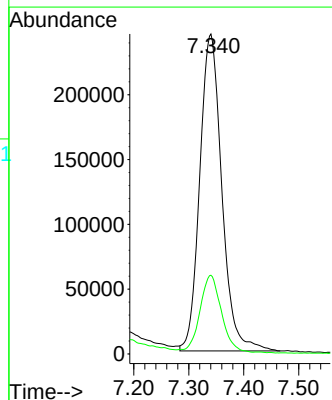
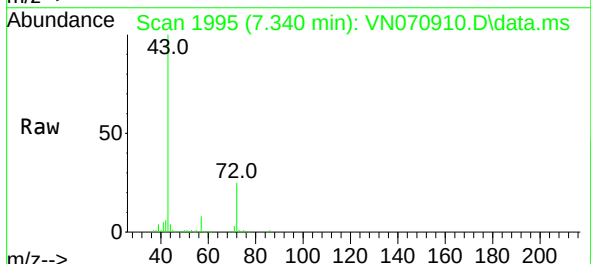
Instrument :
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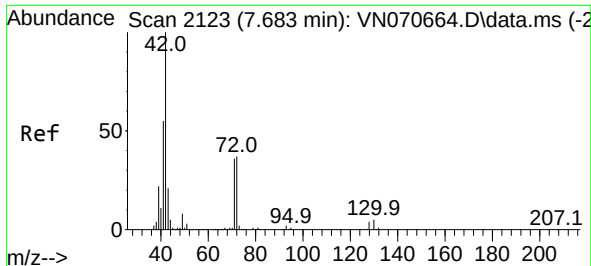
Tgt Ion: 43 Resp: 163085
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 60.880 ug/l
 RT: 7.340 min Scan# 1995
 Delta R.T. 0.005 min
 Lab File: VN070910.D
 Acq: 2 Feb 2022 23:40

Tgt Ion: 43 Resp: 683384
 Ion Ratio Lower Upper
 43 100
 72 24.5 21.7 32.5





#29

Tetrahydrofuran

Concen: 2.890 ug/l

RT: 7.697 min Scan# 21

Delta R.T. 0.011 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

31526DL

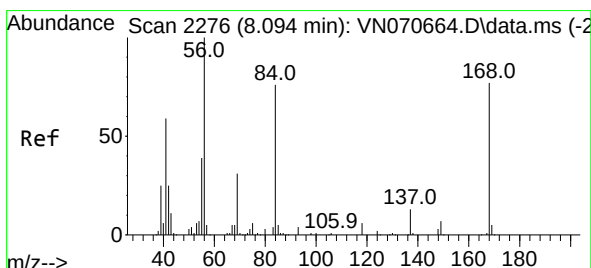
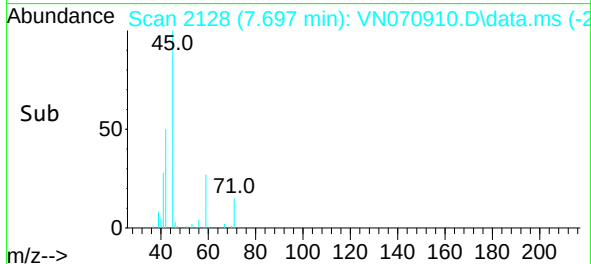
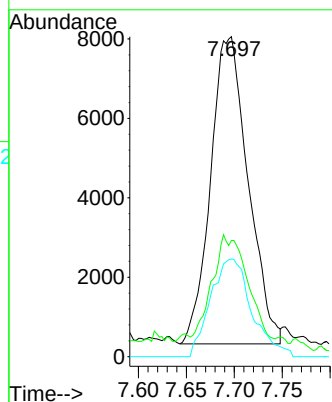
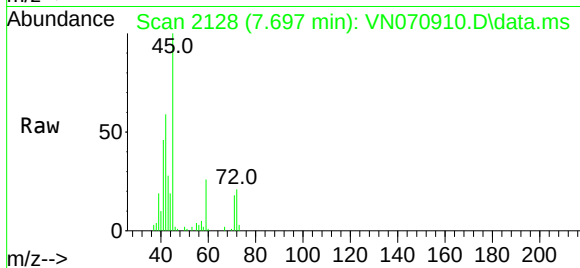
Tgt Ion: 42 Resp: 21070

Ion Ratio Lower Upper

42 100

72 14.7 36.3 54.5#

71 34.8 34.7 52.1



#31

Cyclohexane

Concen: 1.382 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

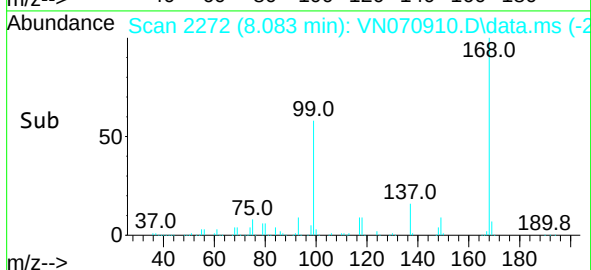
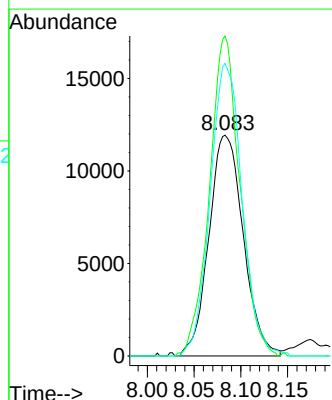
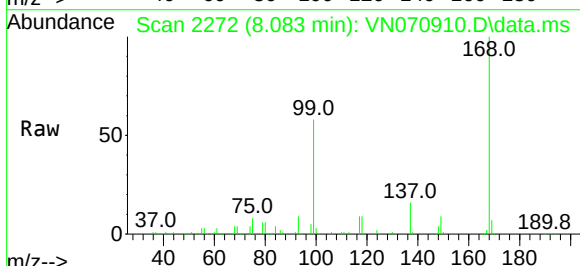
Tgt Ion: 56 Resp: 30528

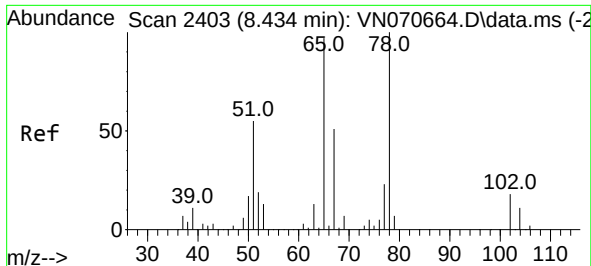
Ion Ratio Lower Upper

56 100

69 144.9 27.1 40.7#

84 132.6 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 44.921 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. -0.003 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

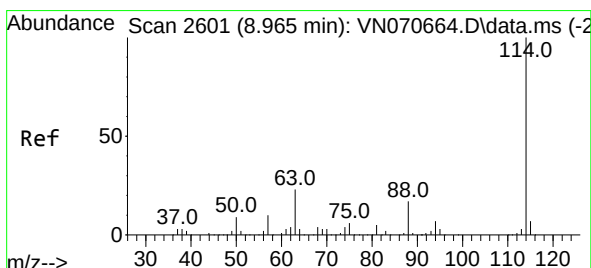
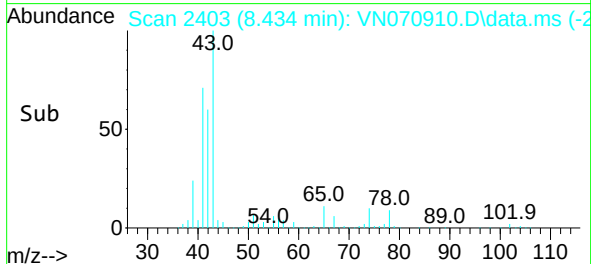
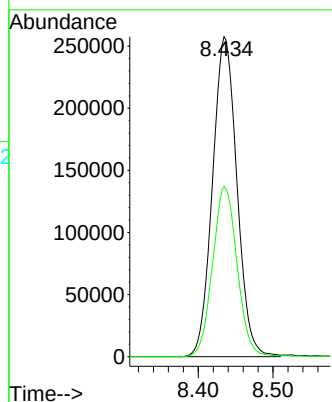
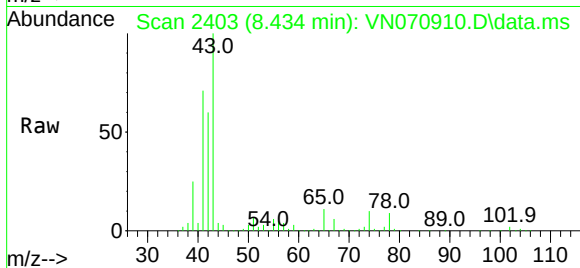
31526DL

Tgt Ion: 65 Resp: 584214

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.000 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

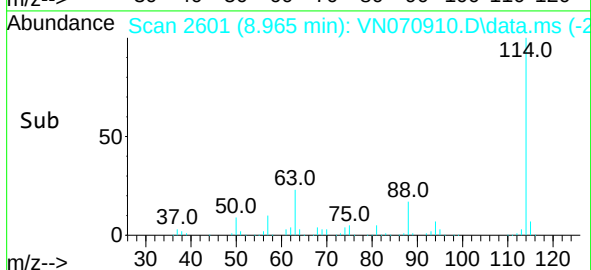
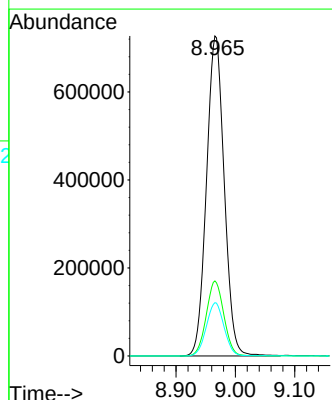
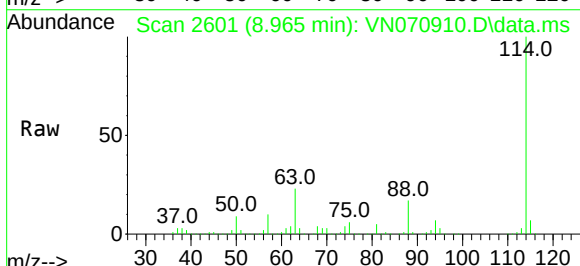
Tgt Ion: 114 Resp: 1507280

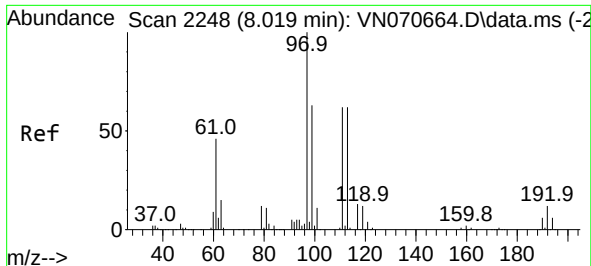
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.6 0.0 27.4

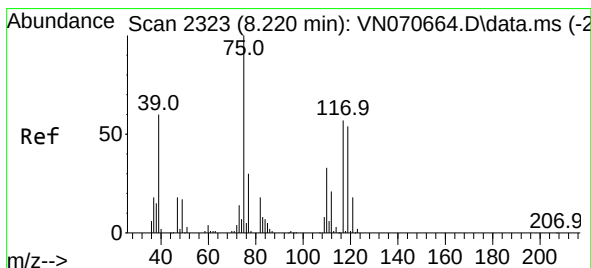
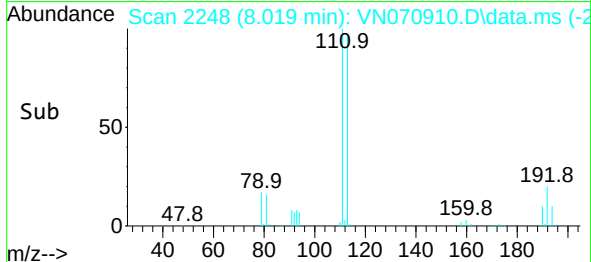
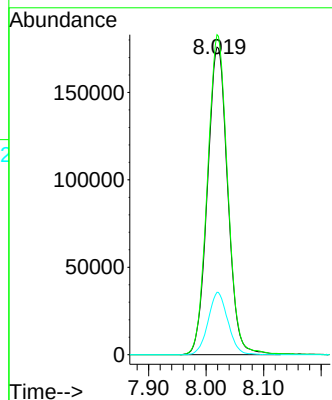
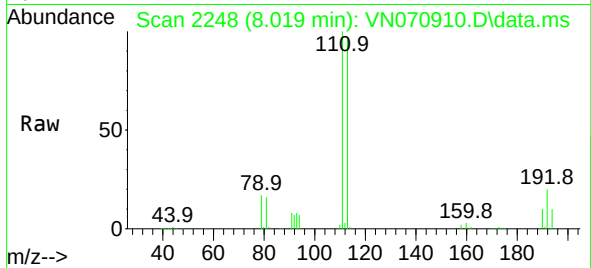




#35
Dibromofluoromethane
Concen: 47.659 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

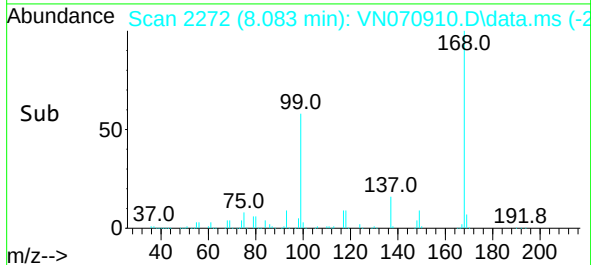
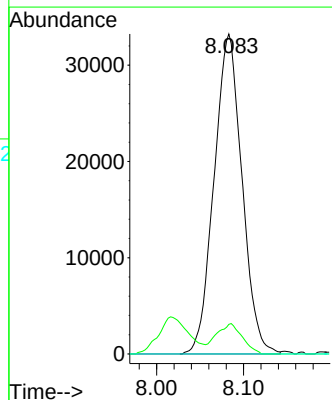
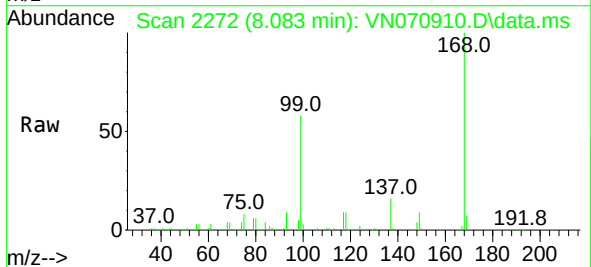
Instrument :
MSVOA_N
ClientSampleId :
31526DL

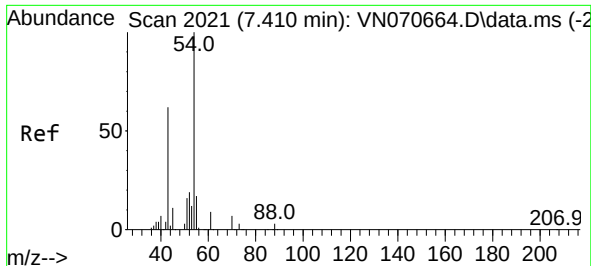
Tgt Ion:113 Resp: 430333
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 75 Resp: 74256
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 33.802 ug/l

RT: 7.340 min Scan# 19

Delta R.T. -0.073 min

Lab File: VN070910.D

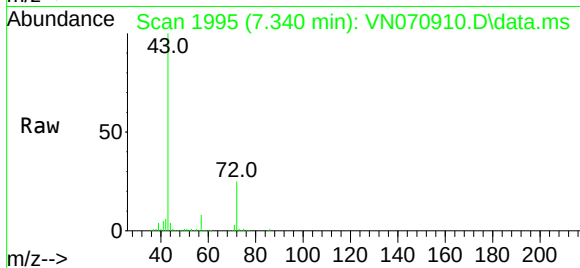
Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

31526DL



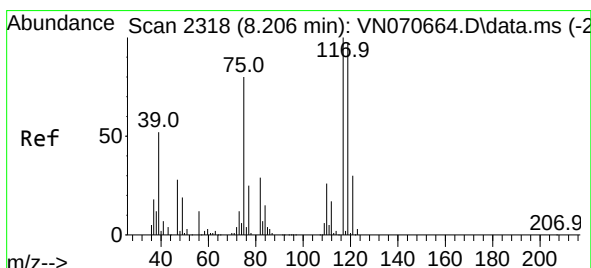
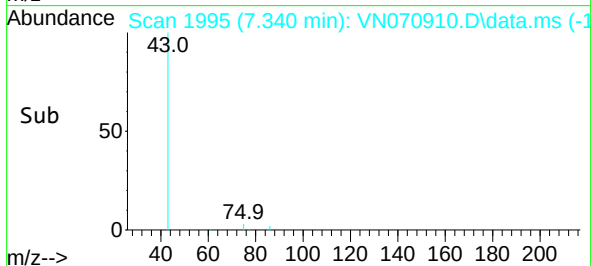
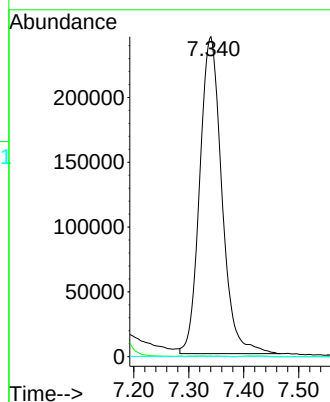
Tgt Ion: 43 Resp: 683384

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.928 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.123 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

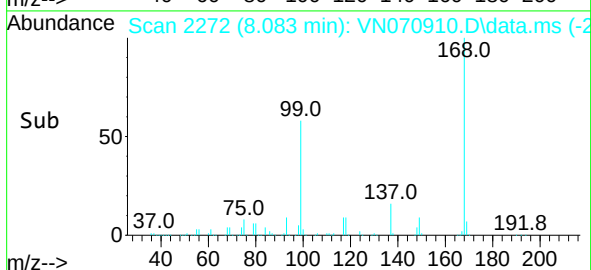
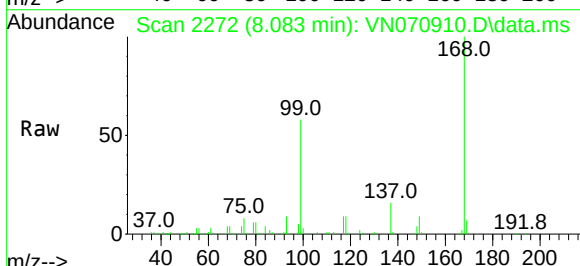
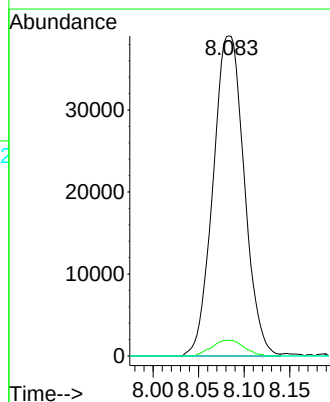
Tgt Ion: 117 Resp: 92807

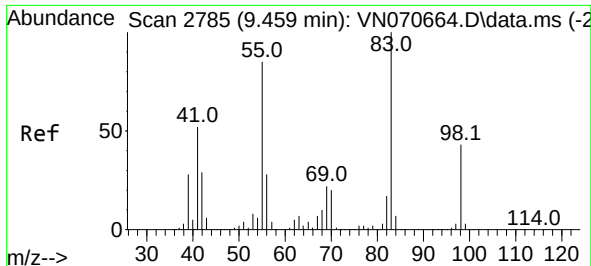
Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.413 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

31526DL

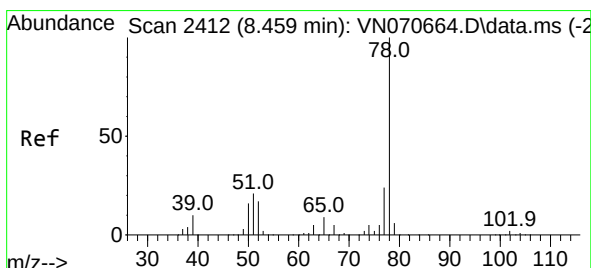
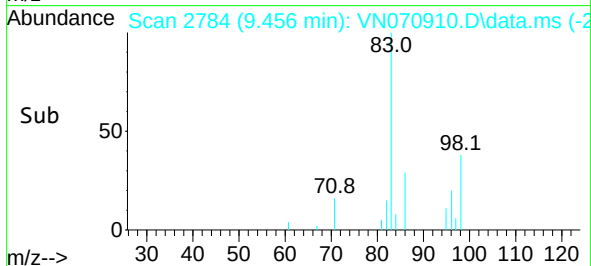
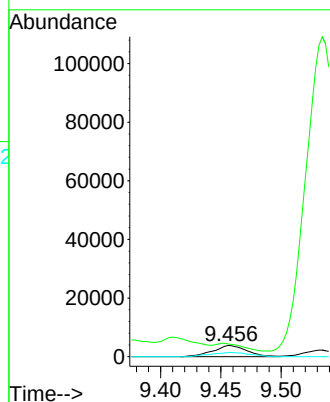
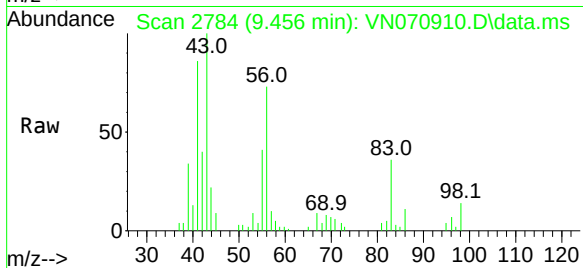
Tgt Ion: 83 Resp: 7442

Ion Ratio Lower Upper

83 100

55 14.4 58.1 87.1#

98 38.3 38.4 57.6#



#40

Benzene

Concen: 35.868 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.000 min

Lab File: VN070910.D

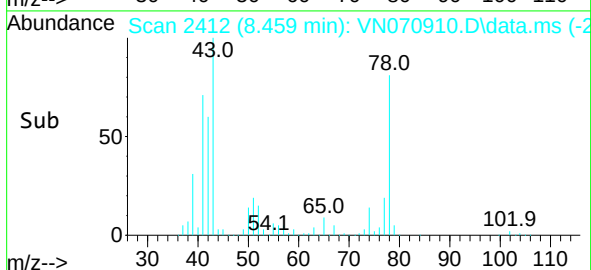
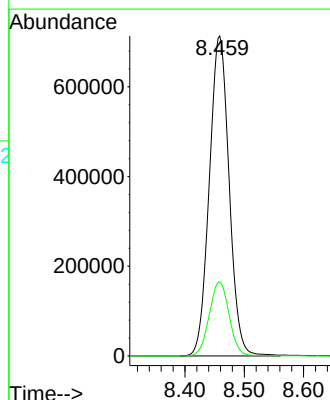
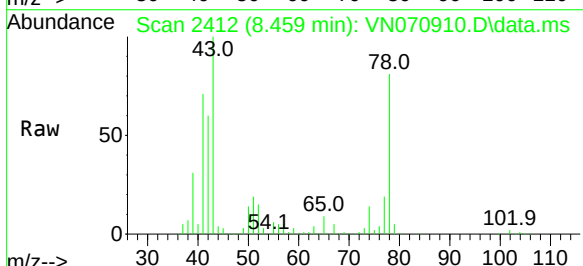
Acq: 2 Feb 2022 23:40

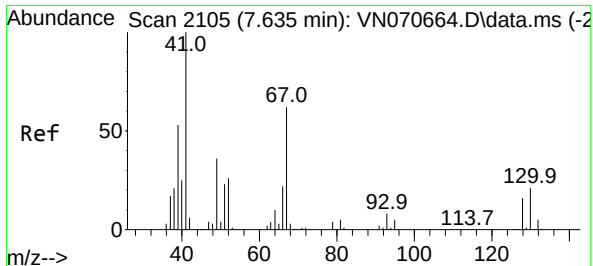
Tgt Ion: 78 Resp: 1652981

Ion Ratio Lower Upper

78 100

77 23.1 18.6 27.8

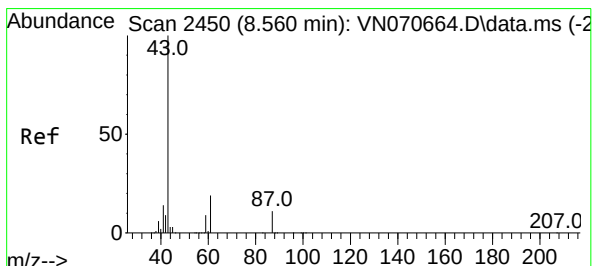
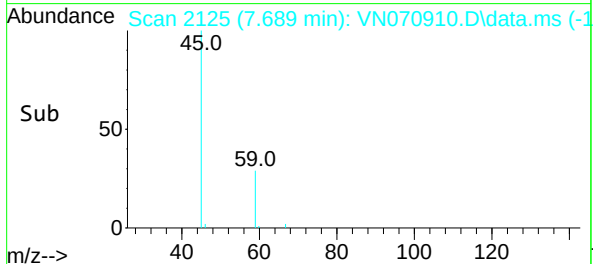
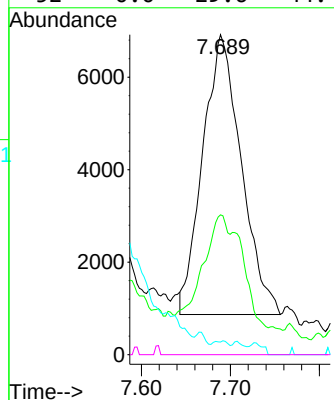
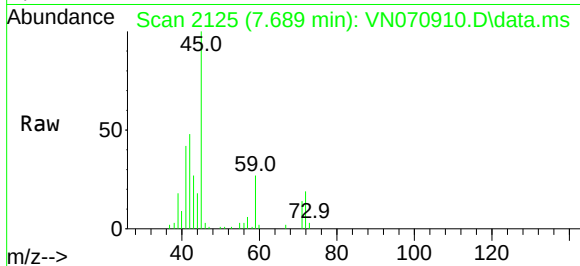




#41
Methacrylonitrile
Concen: 1.791 ug/l
RT: 7.689 min Scan# 2105
Delta R.T. 0.054 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

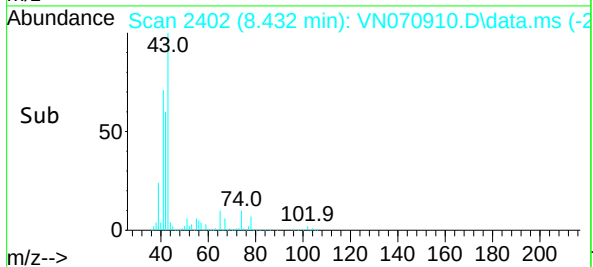
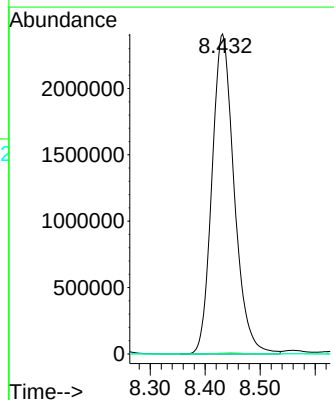
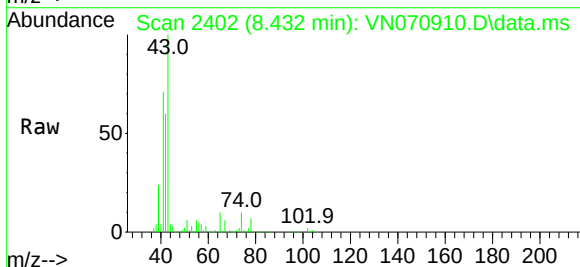
Instrument :
MSVOA_N
ClientSampleId :
31526DL

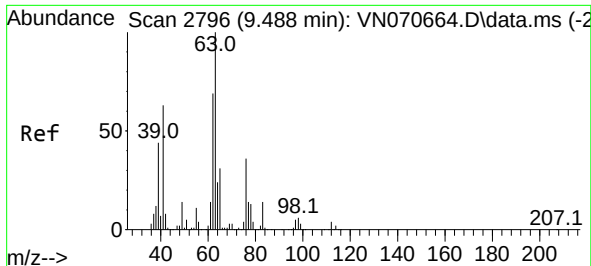
Tgt Ion:	41	Resp:	18193
Ion	Ratio	Lower	Upper
41	100		
39	17.8	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 199.188 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.128 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion:	43	Resp:	6769730
Ion	Ratio	Lower	Upper
43	100		
61	0.4	20.4	30.6#
87	0.0	11.2	16.8#





#45

1,2-Dichloropropane

Concen: 0.486 ug/l

RT: 9.537 min Scan# 2814

Delta R.T. 0.049 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

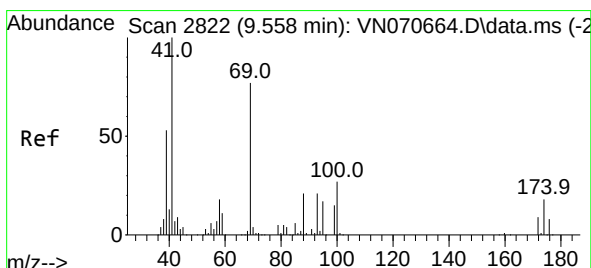
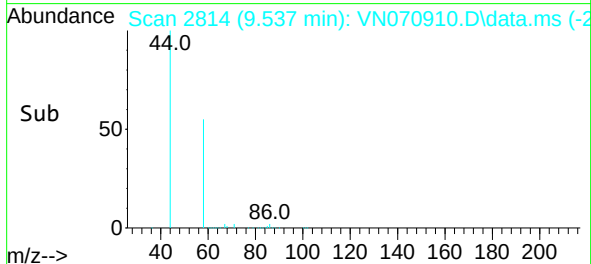
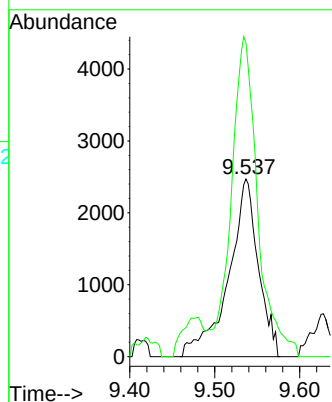
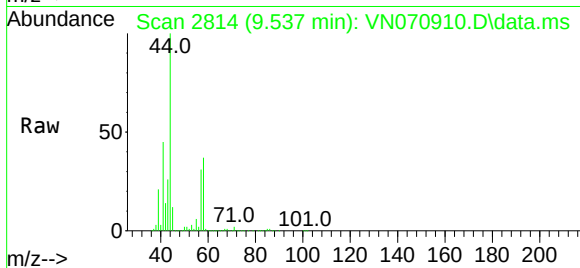
31526DL

Tgt Ion: 63 Resp: 6003

Ion Ratio Lower Upper

63 100

65 163.7 24.7 37.1#



#48

Methyl methacrylate

Concen: 111.527 ug/l

RT: 9.534 min Scan# 2813

Delta R.T. -0.024 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

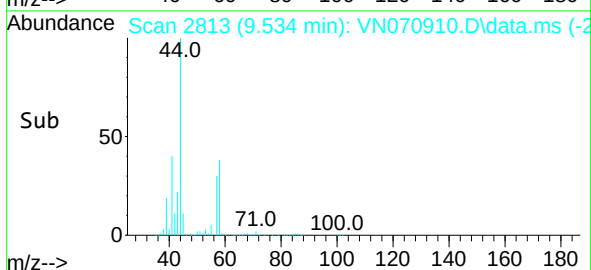
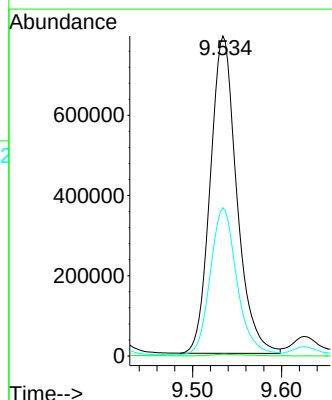
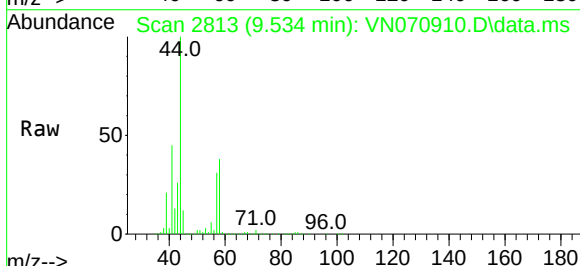
Tgt Ion: 41 Resp: 1634236

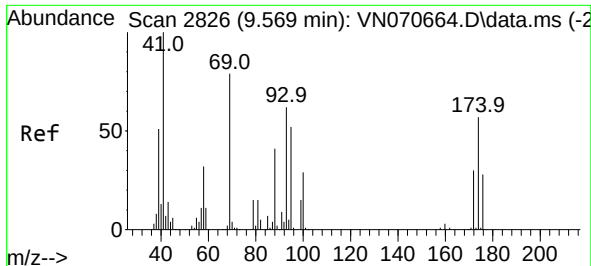
Ion Ratio Lower Upper

41 100

69 0.7 72.4 108.6#

39 46.5 58.4 87.6#





#49

1,4-Dioxane

Concen: 1425.666 ug/l

RT: 9.577 min Scan# 2826

Delta R.T. 0.008 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

31526DL

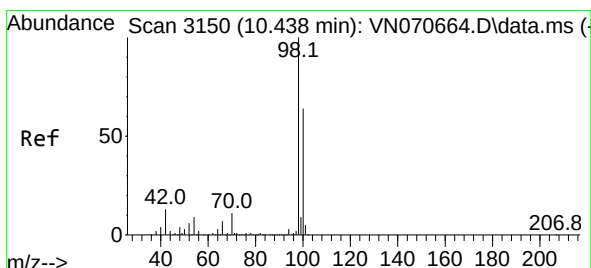
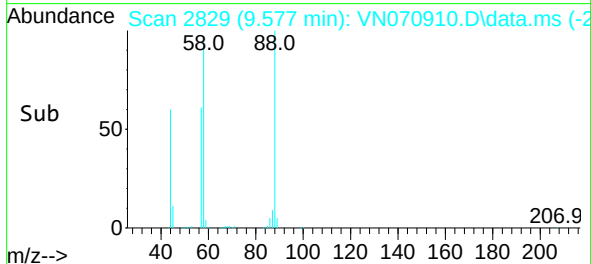
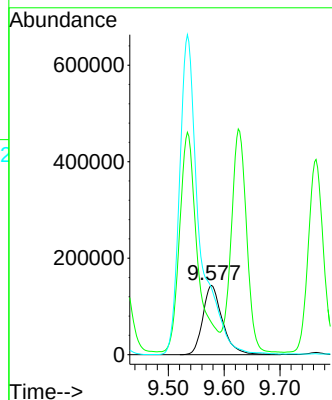
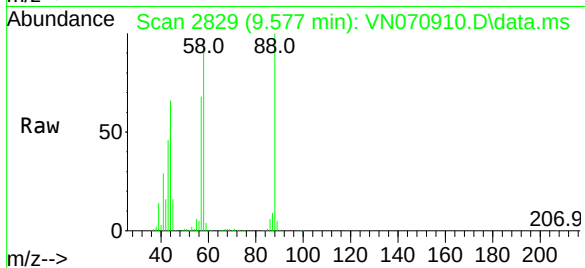
Tgt Ion: 88 Resp: 349960

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 51.164 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VN070910.D

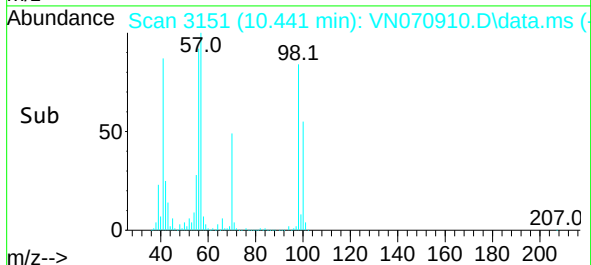
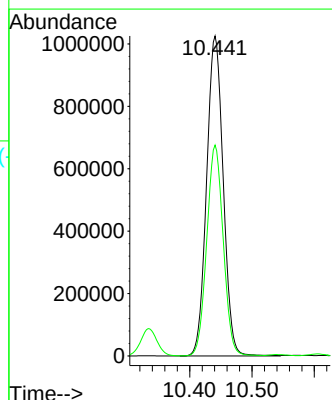
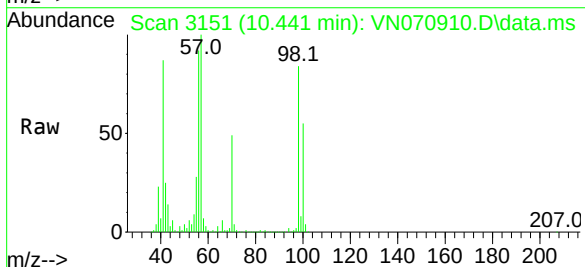
Acq: 2 Feb 2022 23:40

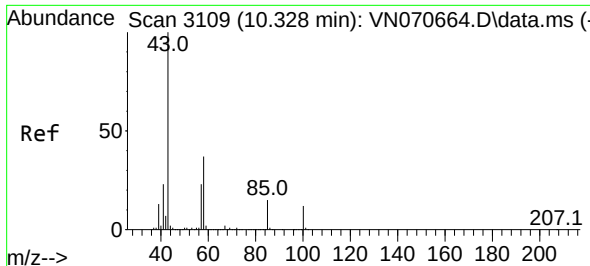
Tgt Ion: 98 Resp: 1896839

Ion Ratio Lower Upper

98 100

100 65.4 50.4 75.6

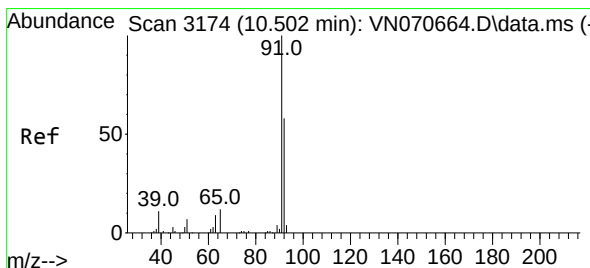
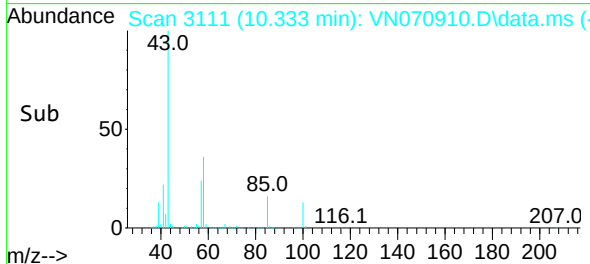
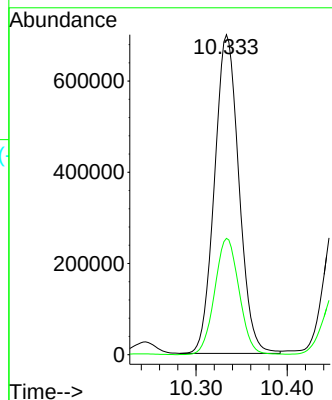
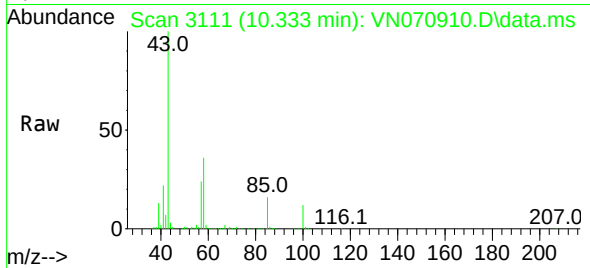




#51
4-Methyl-2-Pentanone
Concen: 64.937 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

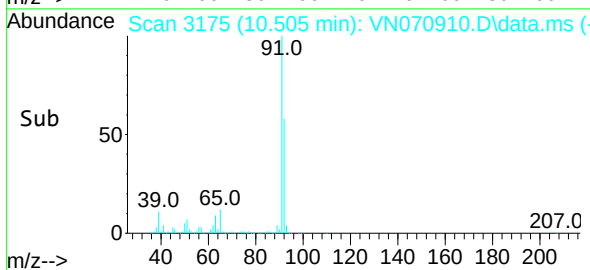
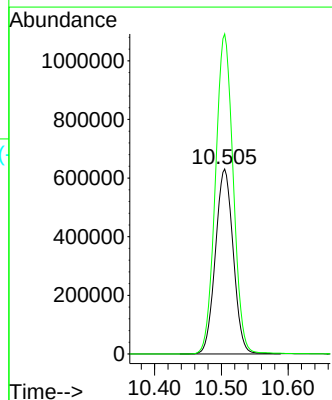
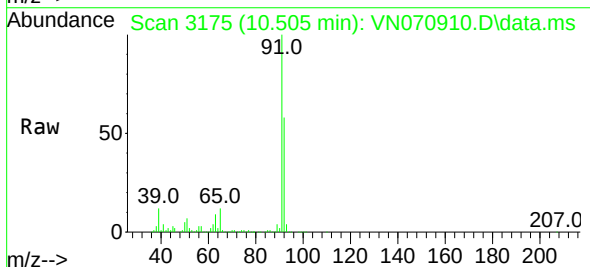
Instrument :
MSVOA_N
ClientSampleId :
31526DL

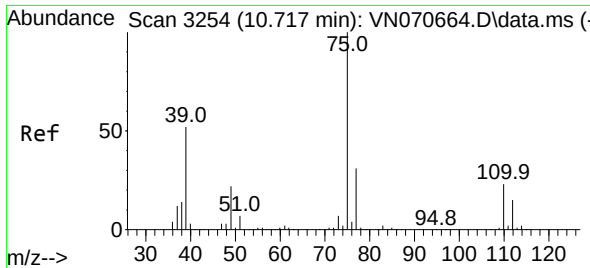
Tgt Ion: 43 Resp: 1299030
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6



#52
Toluene
Concen: 40.896 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 92 Resp: 1167762
Ion Ratio Lower Upper
92 100
91 173.2 142.0 213.0

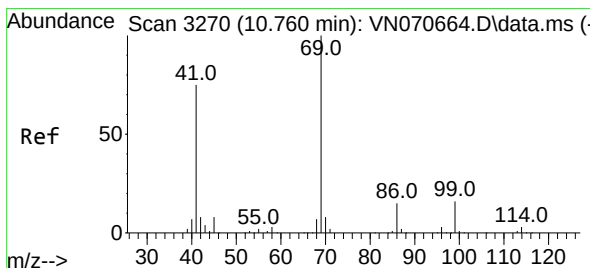
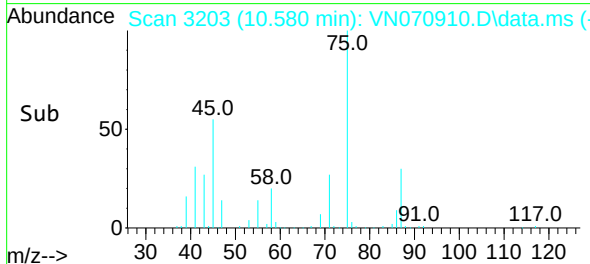
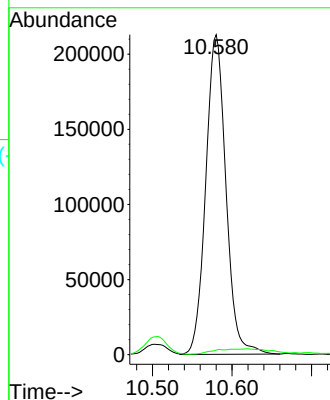
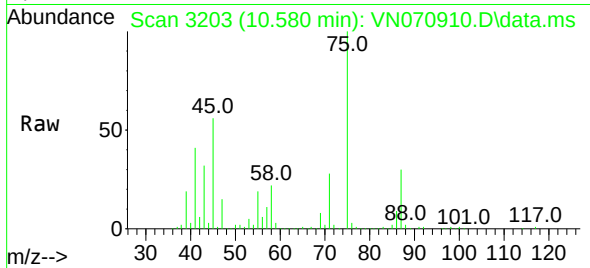




#53
t-1,3-Dichloropropene
Concen: 22.313 ug/l
RT: 10.580 min Scan# 31
Delta R.T. -0.137 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

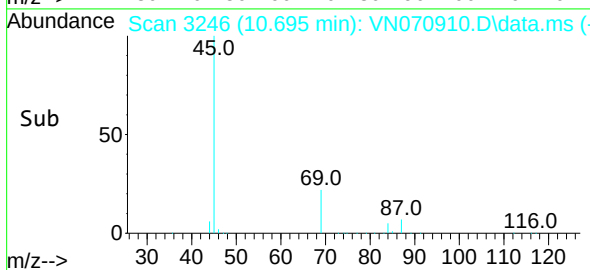
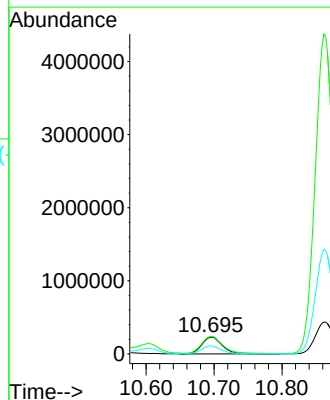
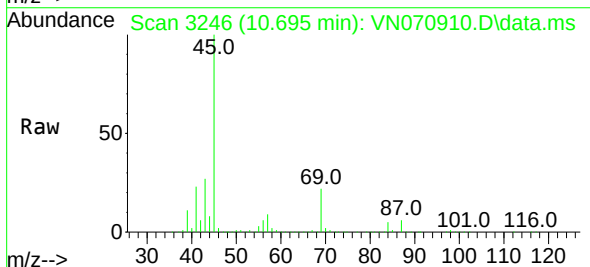
Instrument :
MSVOA_N
ClientSampleId :
31526DL

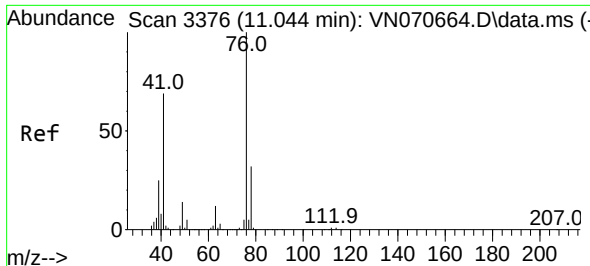
Tgt Ion: 75 Resp: 374977
Ion Ratio Lower Upper
75 100
77 1.0 25.6 38.4#



#56
Ethyl methacrylate
Concen: 25.065 ug/l
RT: 10.695 min Scan# 3246
Delta R.T. -0.065 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 69 Resp: 473428
Ion Ratio Lower Upper
69 100
41 106.2 51.4 77.0#
39 46.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 0.639 ug/l

RT: 11.090 min Scan# 31

Delta R.T. 0.046 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

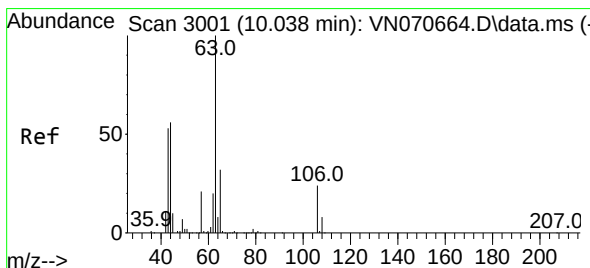
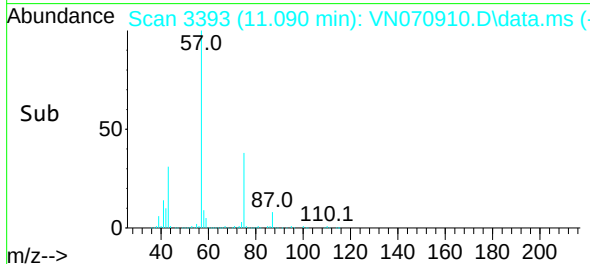
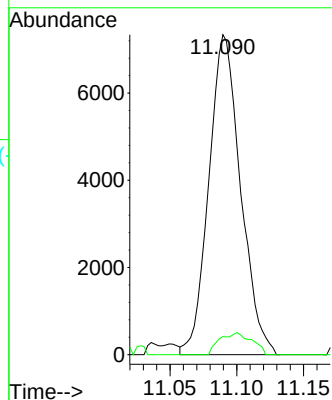
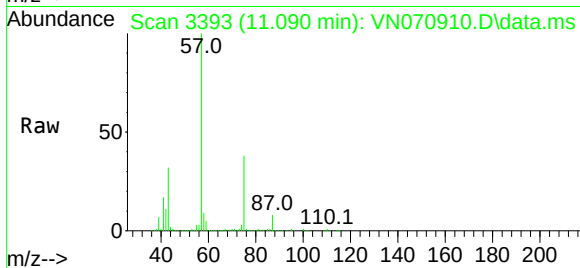
31526DL

Tgt Ion: 76 Resp: 12125

Ion Ratio Lower Upper

76 100

78 7.0 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 19.668 ug/l

RT: 10.049 min Scan# 3005

Delta R.T. 0.008 min

Lab File: VN070910.D

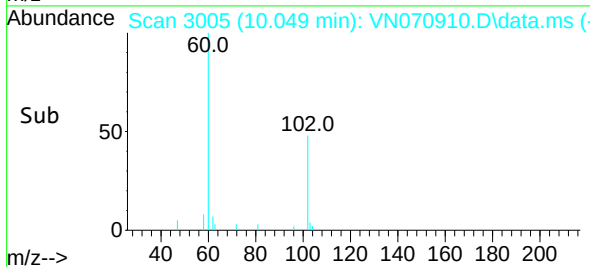
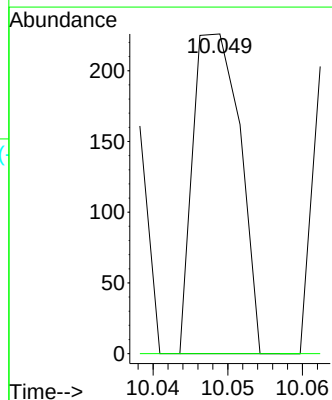
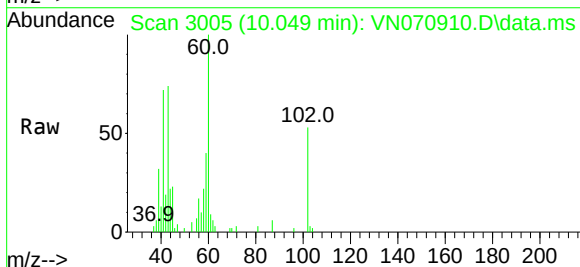
Acq: 2 Feb 2022 23:40

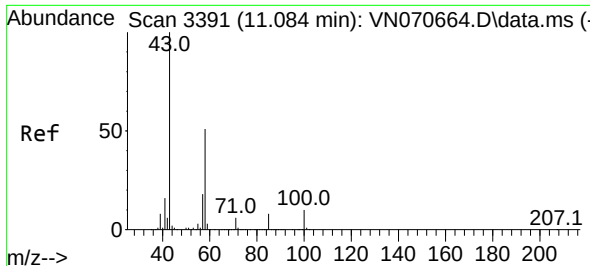
Tgt Ion: 63 Resp: 99

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

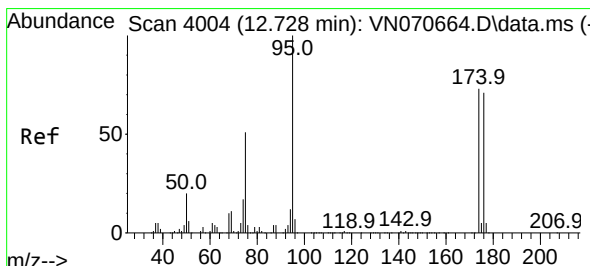
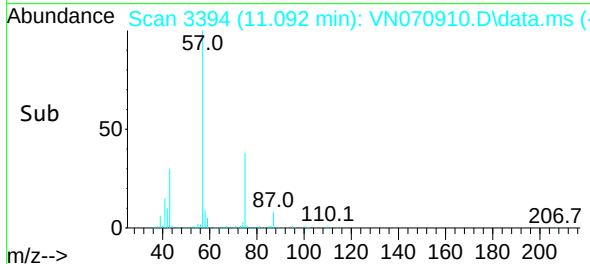
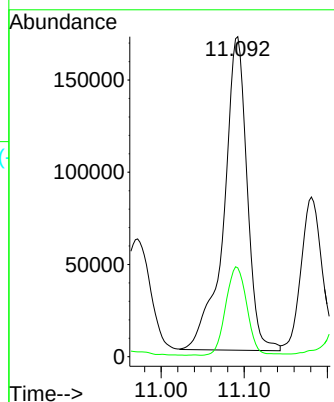
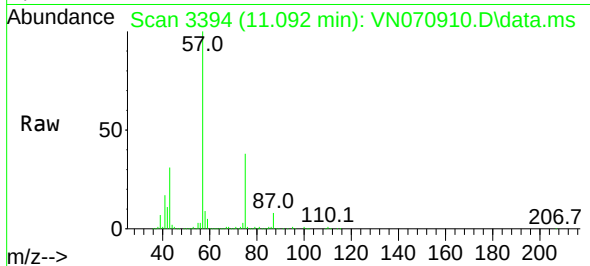




#59
2-Hexanone
Concen: 22.731 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

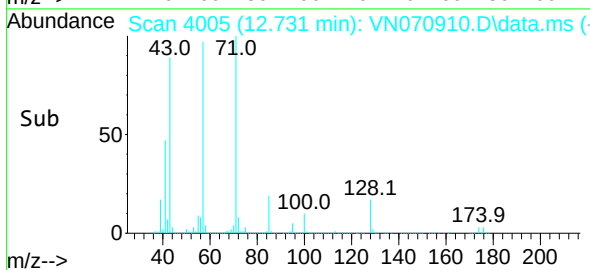
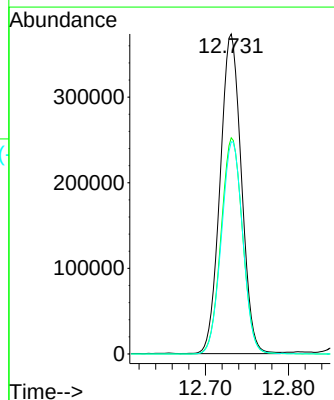
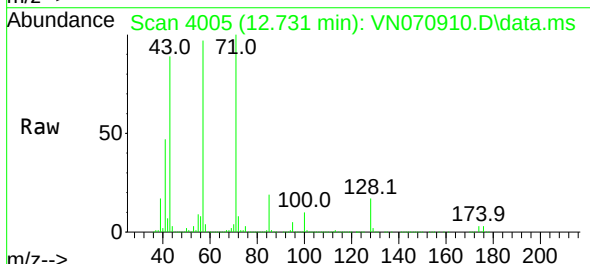
Instrument :
MSVOA_N
ClientSampleId :
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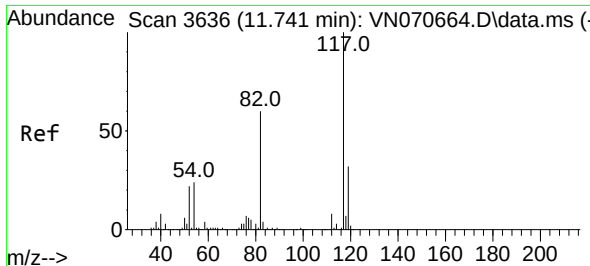
Tgt Ion: 43 Resp: 332005
Ion Ratio Lower Upper
43 100
58 25.9 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 49.722 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 95 Resp: 664217
Ion Ratio Lower Upper
95 100
174 68.4 0.0 187.2
176 66.8 0.0 181.4

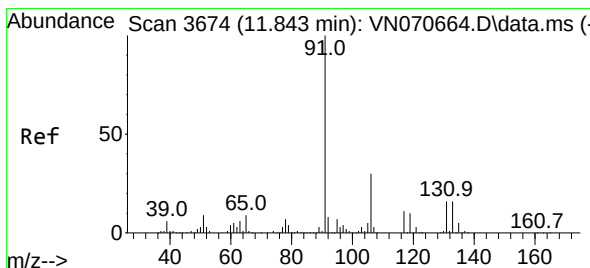
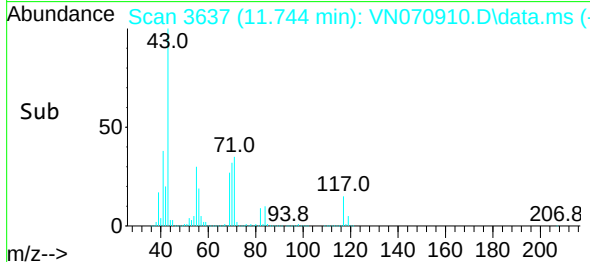
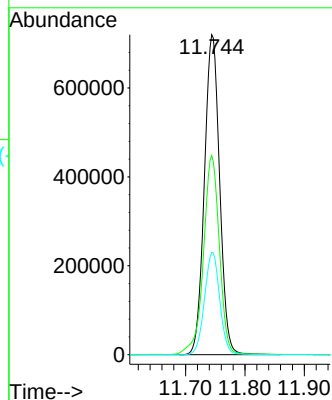
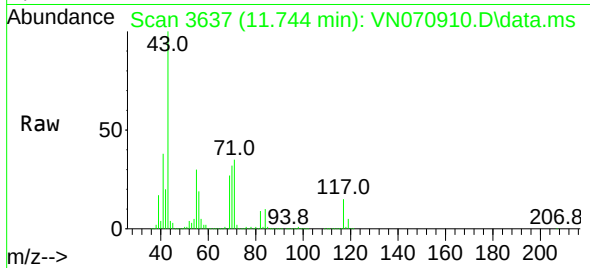




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. -0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

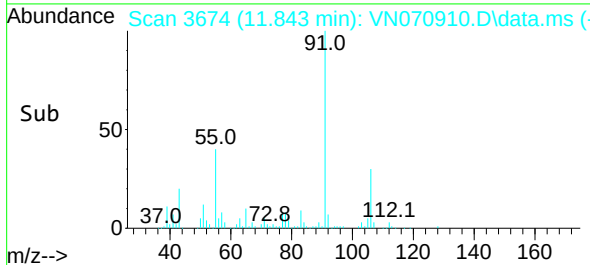
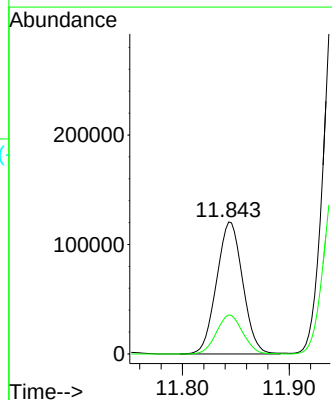
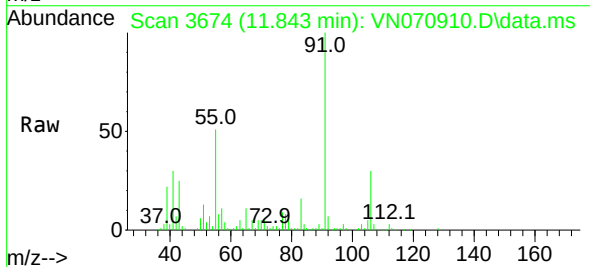
Instrument :
MSVOA_N
ClientSampleId :
31526DL

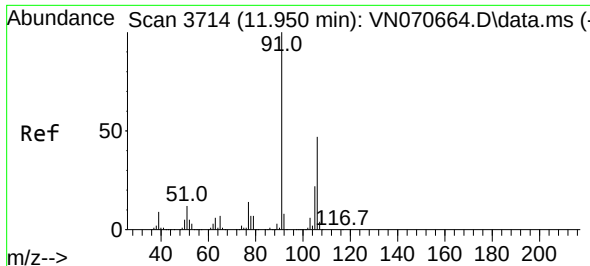
Tgt Ion:117 Resp: 1284702
Ion Ratio Lower Upper
117 100
82 62.1 42.4 63.6
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 4.182 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 91 Resp: 204969
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

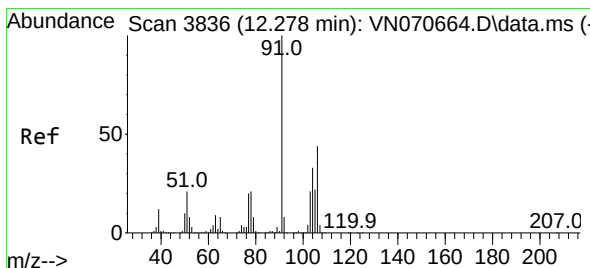
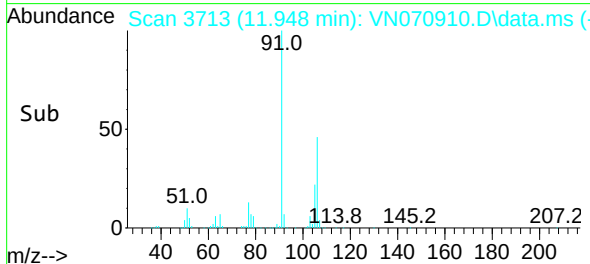
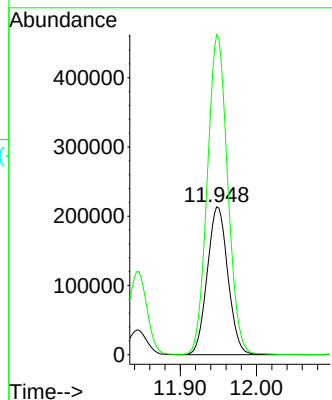
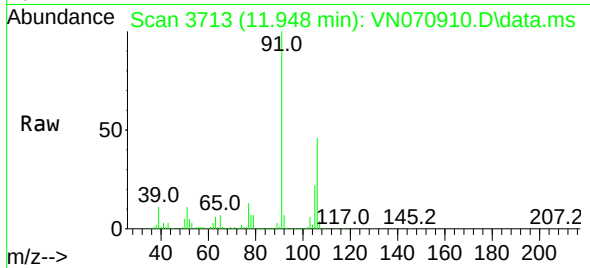




#68
m/p-Xylenes
Concen: 22.086 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

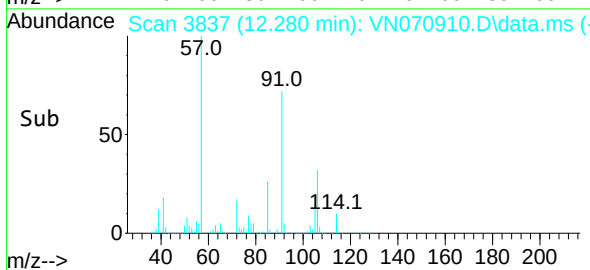
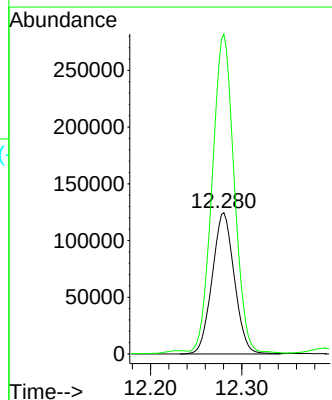
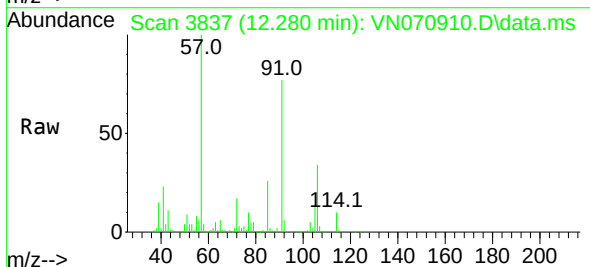
Instrument :
MSVOA_N
ClientSampleId :
31526DL

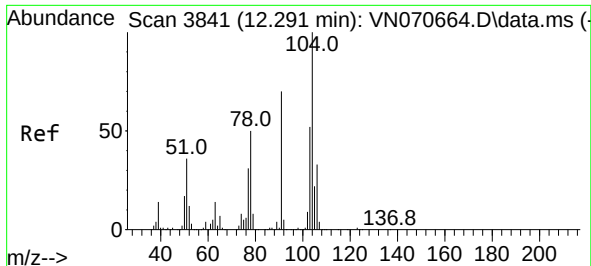
Tgt Ion:106 Resp: 401115
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8



#69
o-Xylene
Concen: 11.544 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion:106 Resp: 209820
Ion Ratio Lower Upper
106 100
91 224.2 105.8 317.3

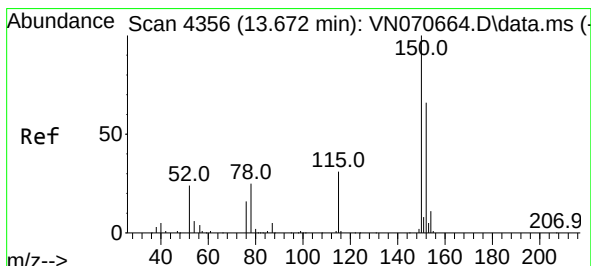
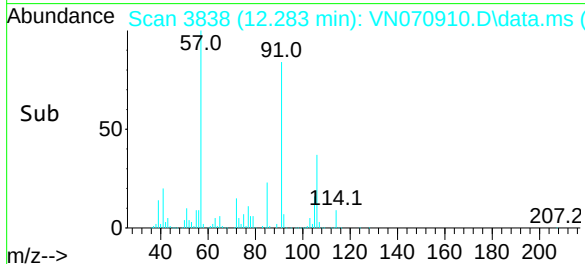
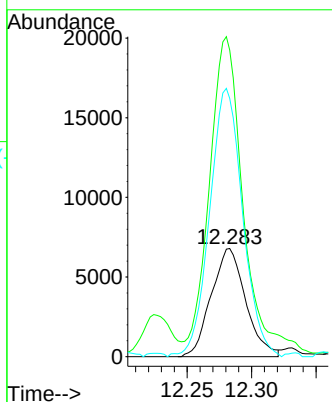
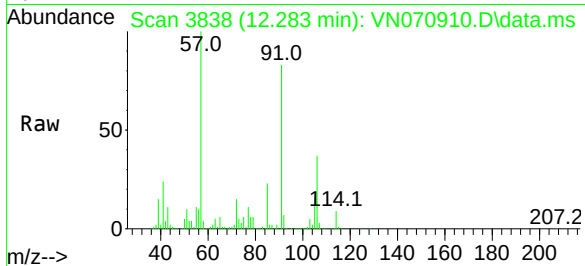




#70
Styrene
Concen: 0.441 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.011 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

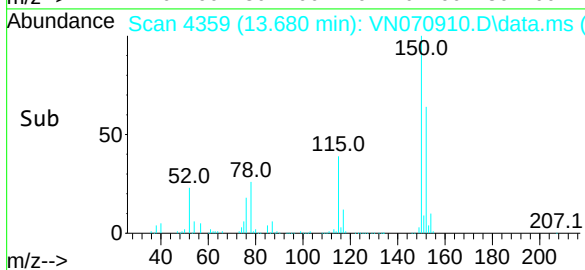
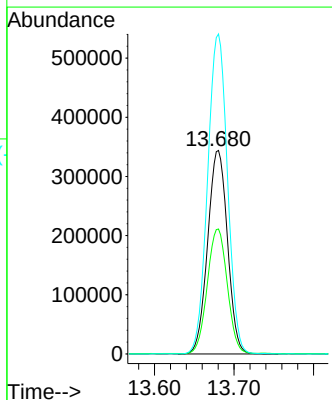
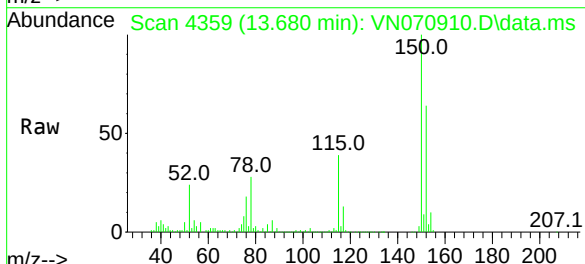
Instrument :
MSVOA_N
ClientSampleId :
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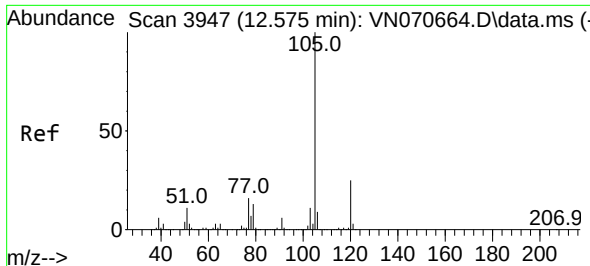
Tgt Ion:104 Resp: 12638
Ion Ratio Lower Upper
104 100
78 286.8 38.7 58.1#
103 237.2 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.008 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion:152 Resp: 594922
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 157.1 0.0 344.4

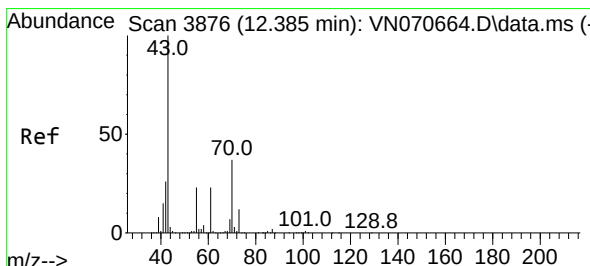
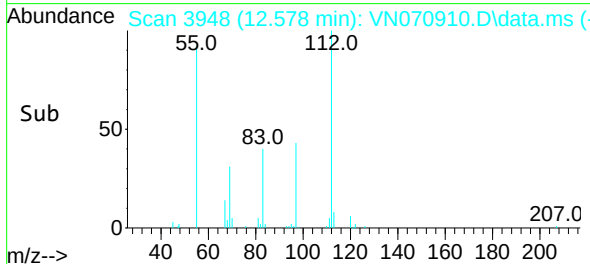
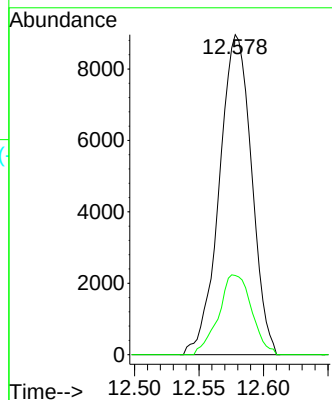
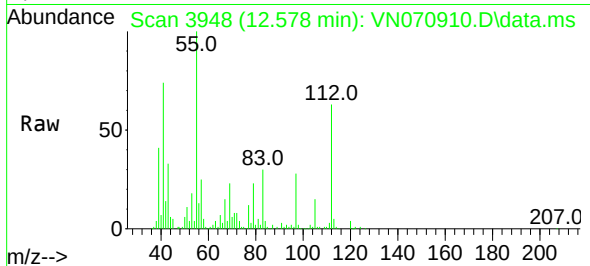




#73
Isopropylbenzene
Concen: 0.301 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

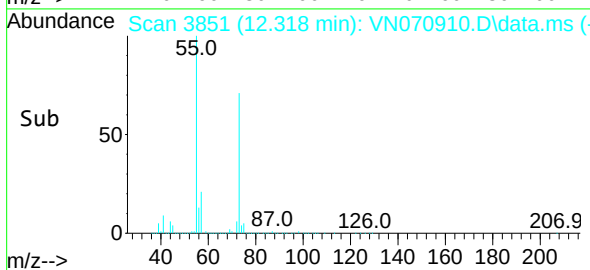
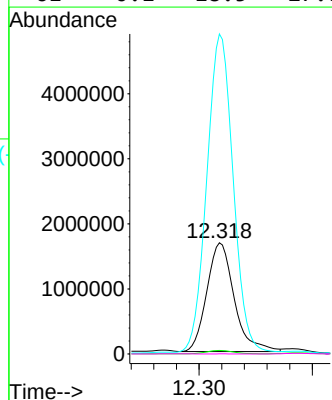
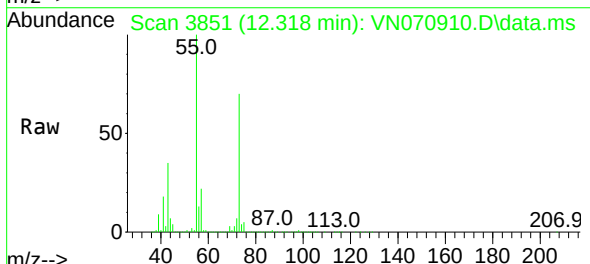
Instrument :
MSVOA_N
ClientSampleId :
31526DL

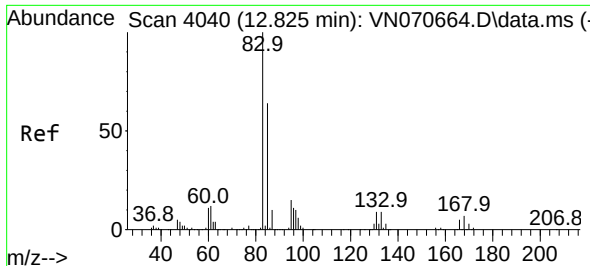
Tgt Ion:105 Resp: 15606
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 121.121 ug/l
RT: 12.318 min Scan# 3851
Delta R.T. -0.070 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 43 Resp: 2815675
Ion Ratio Lower Upper
43 100
70 3.1 33.4 50.0#
55 279.7 19.3 28.9#
61 0.1 18.5 27.7#

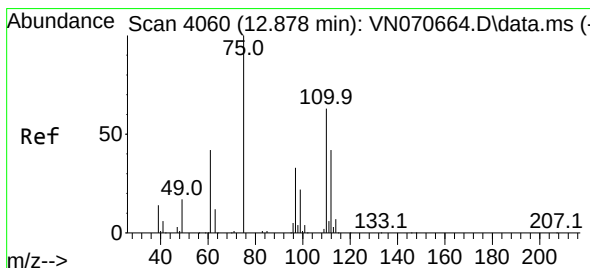
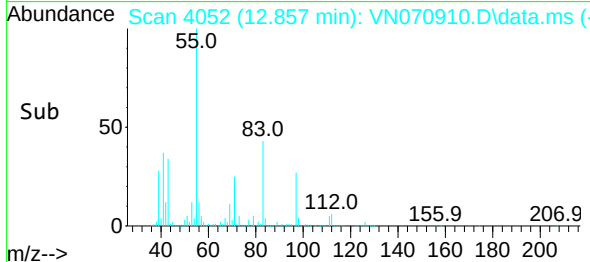
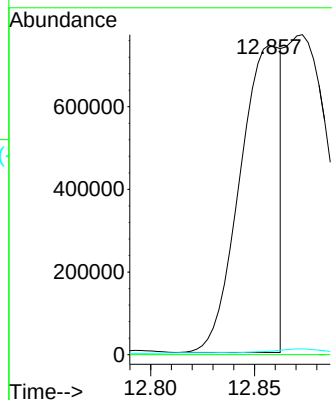
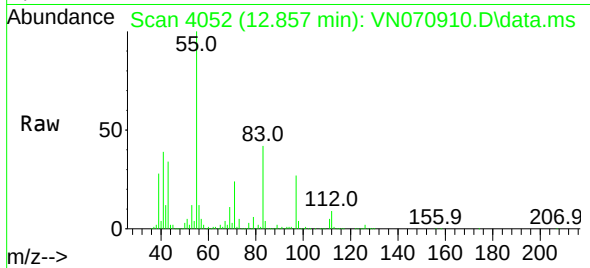




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.201 ug/l
 RT: 12.857 min Scan# 4040
 Delta R.T. 0.032 min
 Lab File: VN070910.D
 Acq: 2 Feb 2022 23:40

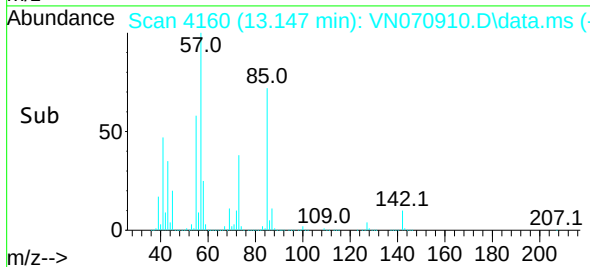
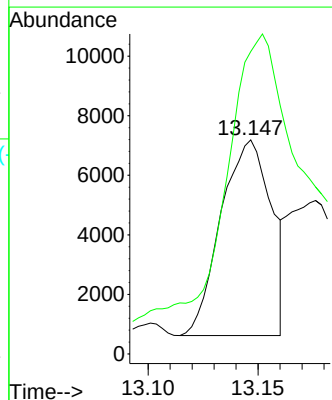
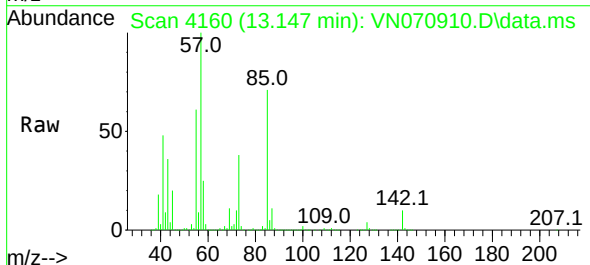
Instrument :
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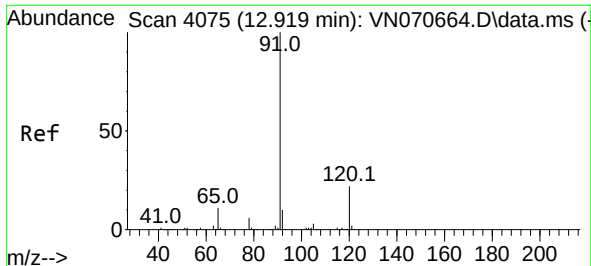
Tgt Ion: 83 Resp: 1010468
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 0.731 ug/l
 RT: 13.147 min Scan# 4160
 Delta R.T. 0.269 min
 Lab File: VN070910.D
 Acq: 2 Feb 2022 23:40

Tgt Ion: 75 Resp: 10466
 Ion Ratio Lower Upper
 75 100
 77 186.3 82.6 247.8

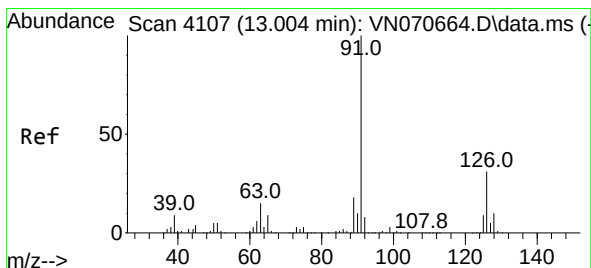
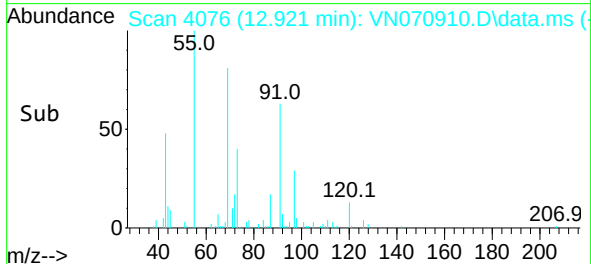
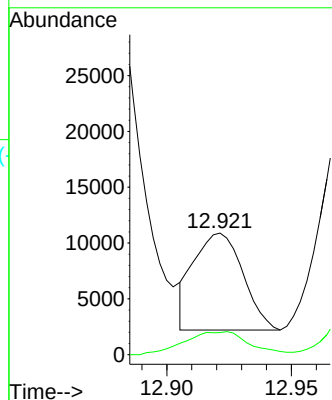
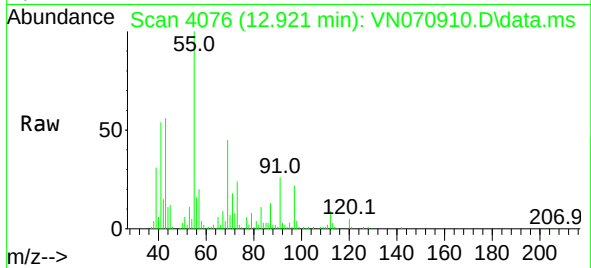




#78
n-propylbenzene
Concen: 0.202 ug/l
RT: 12.921 min Scan# 4075
Delta R.T. 0.002 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

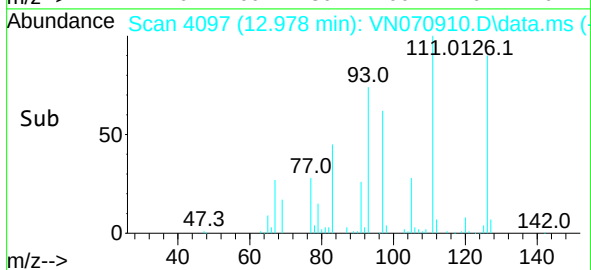
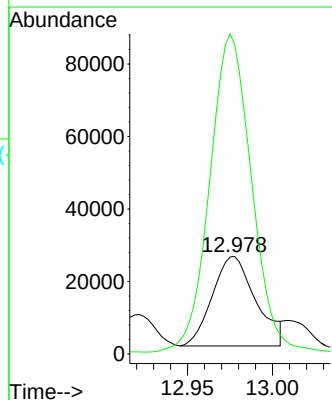
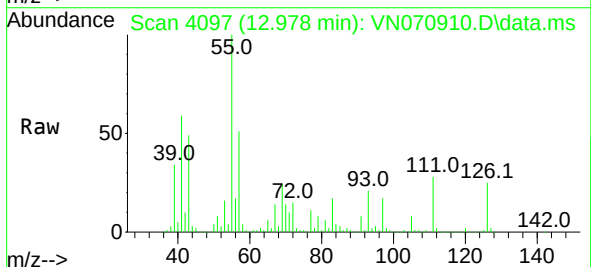
Instrument :
MSVOA_N
ClientSampleId :
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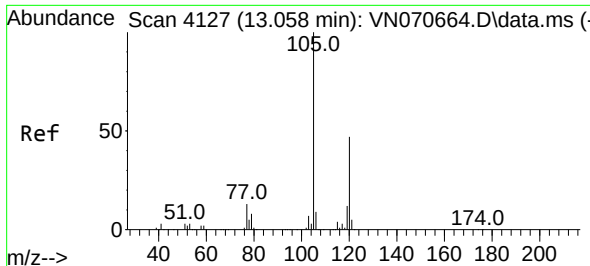
Tgt Ion: 91 Resp: 11937
Ion Ratio Lower Upper
91 100
120 31.2 11.9 35.9



#79
2-Chlorotoluene
Concen: 1.194 ug/l
RT: 12.978 min Scan# 4097
Delta R.T. -0.029 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 91 Resp: 43962
Ion Ratio Lower Upper
91 100
126 345.1 18.3 54.8#

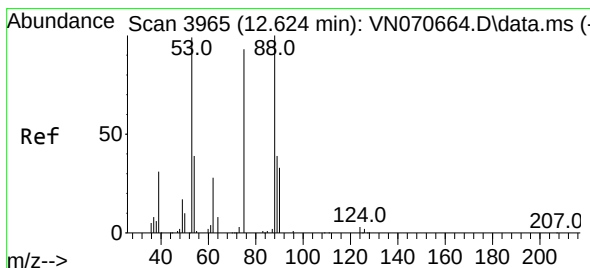
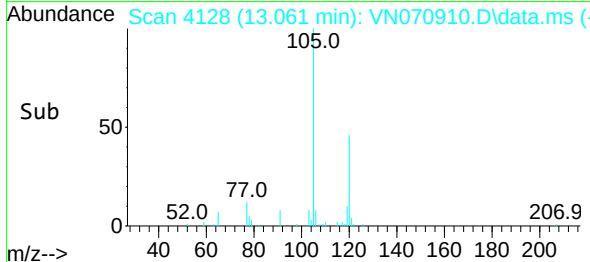
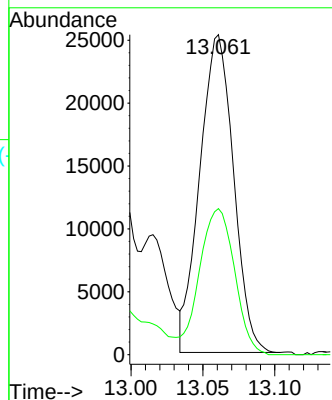
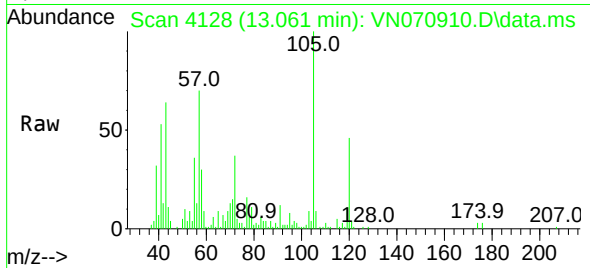




#80
1,3,5-Trimethylbenzene
Concen: 0.980 ug/l
RT: 13.061 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

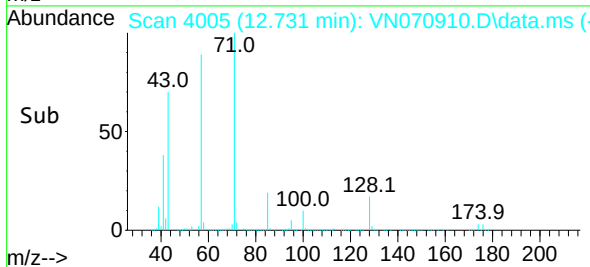
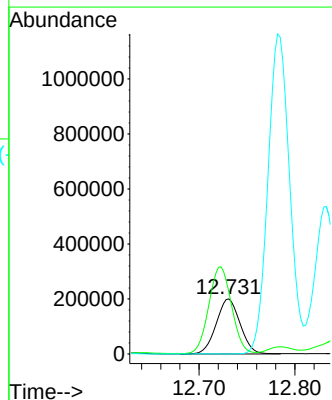
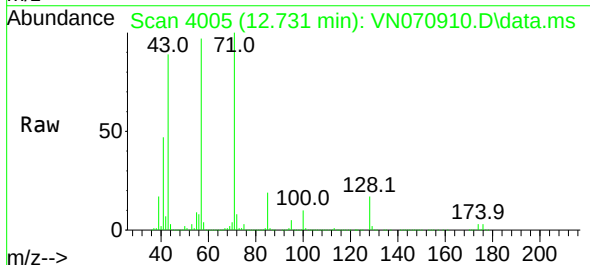
Instrument :
MSVOA_N
ClientSampleId :
31526DL

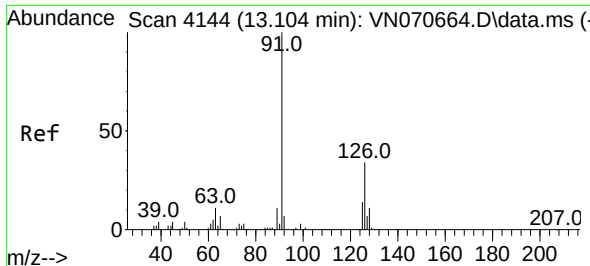
Tgt Ion:105 Resp: 41241
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 65.500 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 75 Resp: 346022
Ion Ratio Lower Upper
75 100
53 149.9 90.5 135.7#
89 0.0 38.2 57.4#

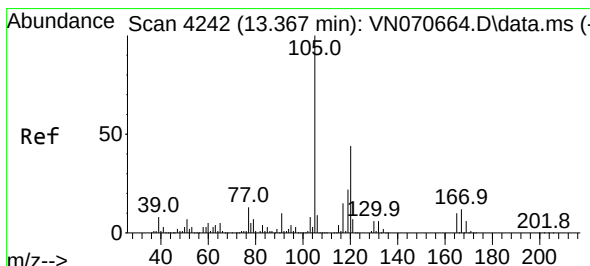
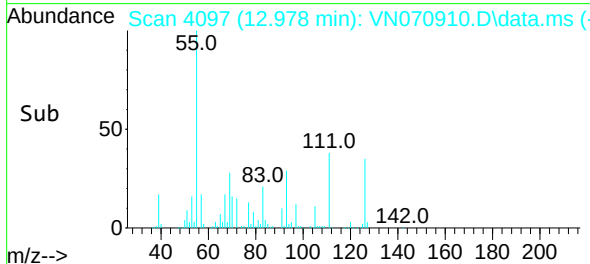
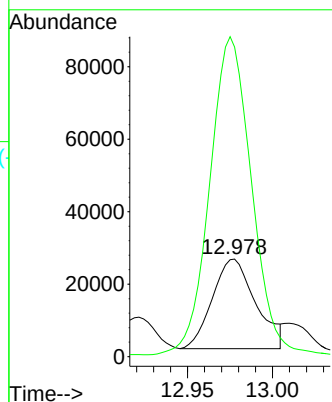
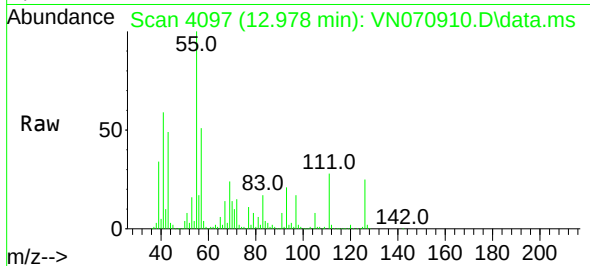




#82
4-Chlorotoluene
Concen: 1.239 ug/l
RT: 12.978 min Scan# 4144
Delta R.T. -0.126 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

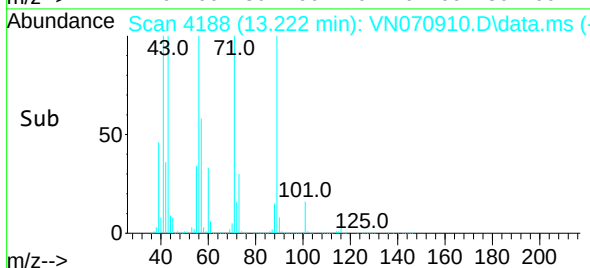
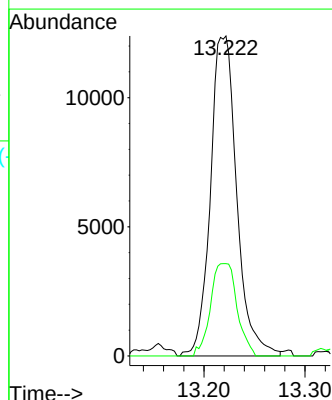
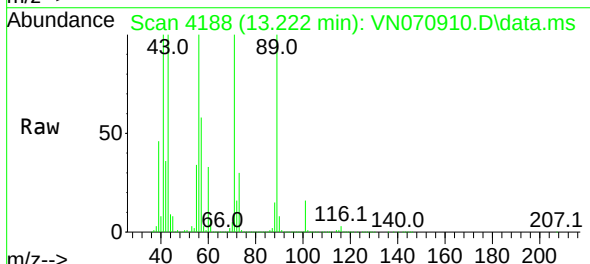
Instrument :
MSVOA_N
ClientSampleId :
31526DL

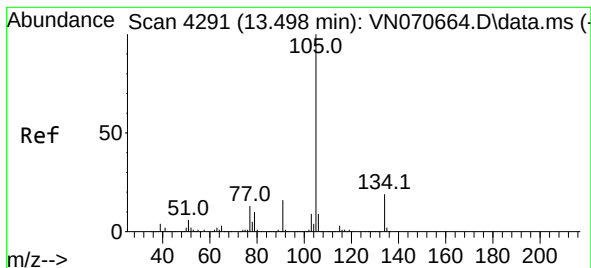
Tgt Ion: 91 Resp: 43962
Ion Ratio Lower Upper
91 100
126 343.8 18.2 54.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.545 ug/l
RT: 13.222 min Scan# 4188
Delta R.T. -0.145 min
Lab File: VN070910.D
Acq: 2 Feb 2022 23:40

Tgt Ion: 105 Resp: 22407
Ion Ratio Lower Upper
105 100
120 28.9 22.8 68.4





#85

sec-Butylbenzene

Concen: 0.242 ug/l

RT: 13.498 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Instrument :

MSVOA_N

ClientSampleId :

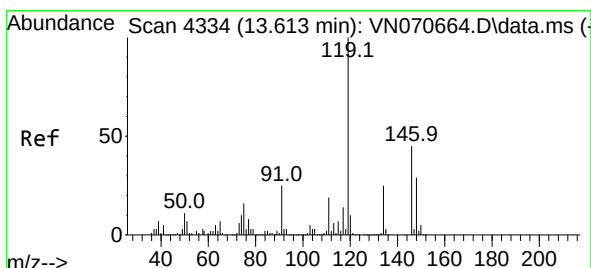
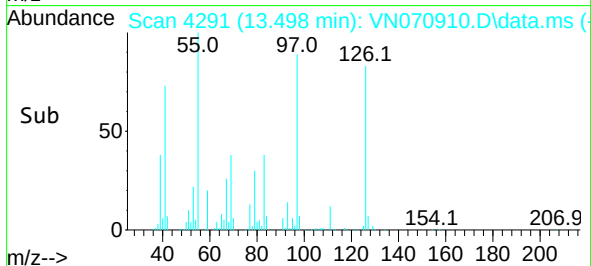
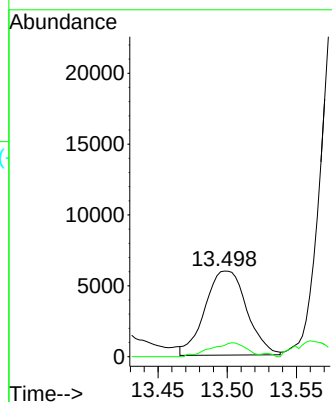
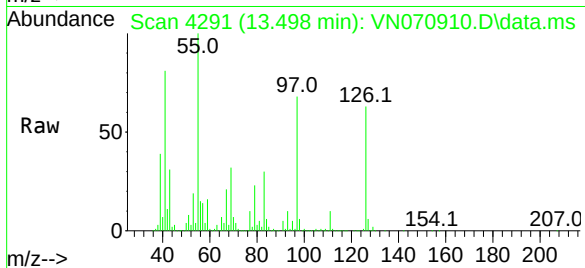
31526DL

Tgt Ion:105 Resp: 12440

Ion Ratio Lower Upper

105 100

134 14.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 0.238 ug/l

RT: 13.621 min Scan# 4337

Delta R.T. 0.008 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

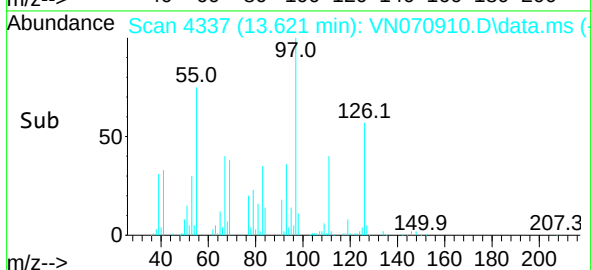
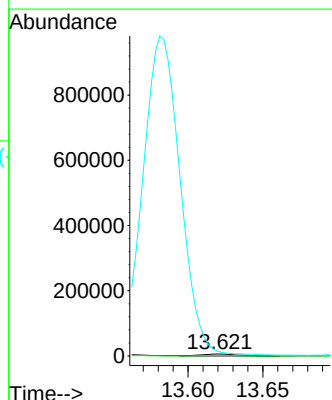
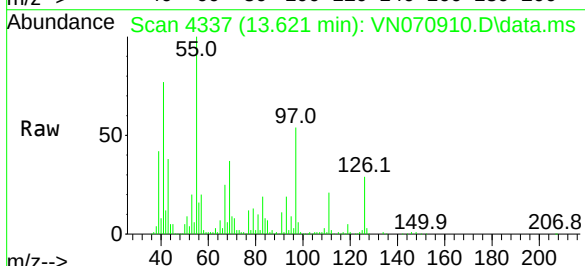
Tgt Ion:119 Resp: 9633

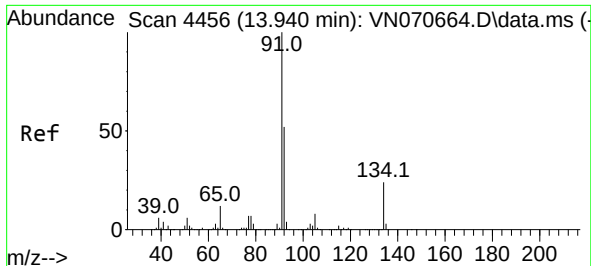
Ion Ratio Lower Upper

119 100

134 24.6 13.6 40.7

91 0.0 11.4 34.1#





#89

n-Butylbenzene

Concen: 0.233 ug/l

RT: 13.941 min Scan# 4456

Delta R.T. -0.001 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

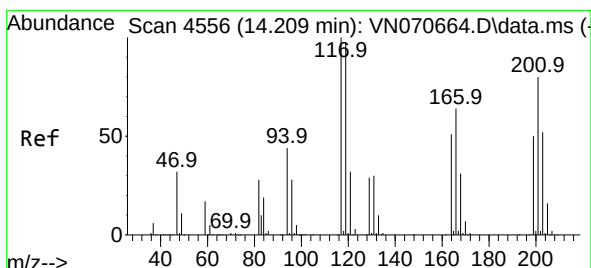
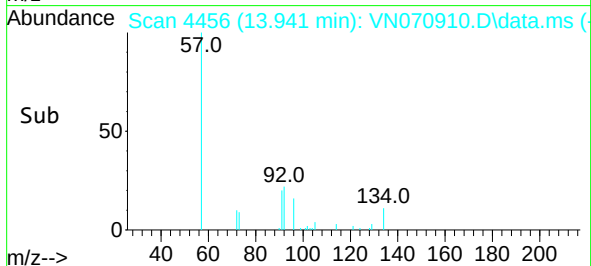
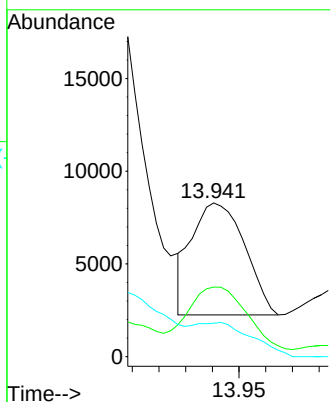
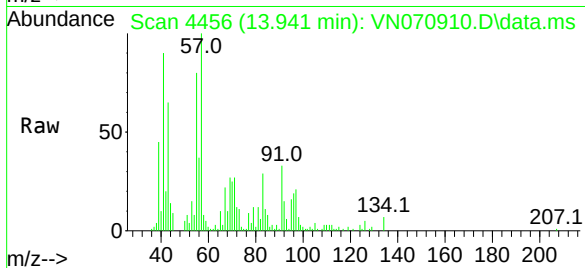
Instrument :

MSVOA_N

ClientSampleId :

31526DL

Tgt Ion: 91	Resp:	8330
Ion Ratio	Lower	Upper
91	100	
92	62.1	25.4 76.0
134	0.0	13.6 40.8#



#90

Hexachloroethane

Concen: 0.304 ug/l

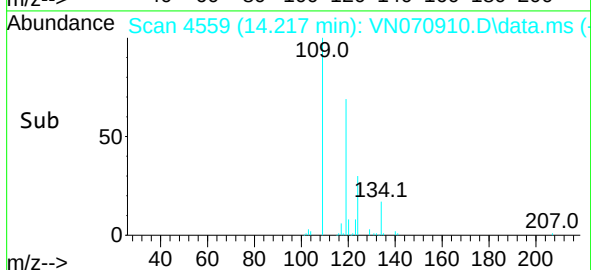
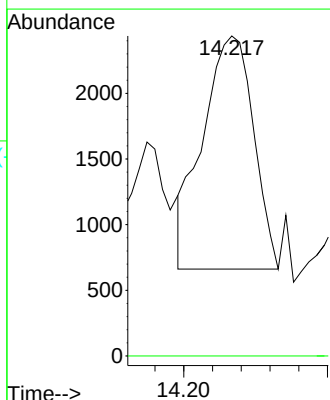
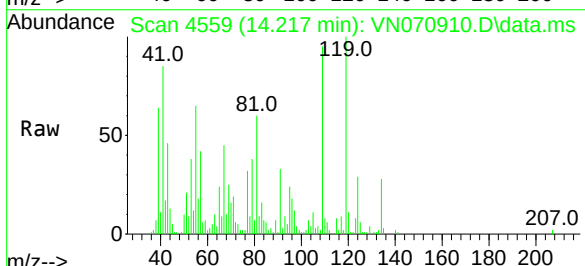
RT: 14.217 min Scan# 4559

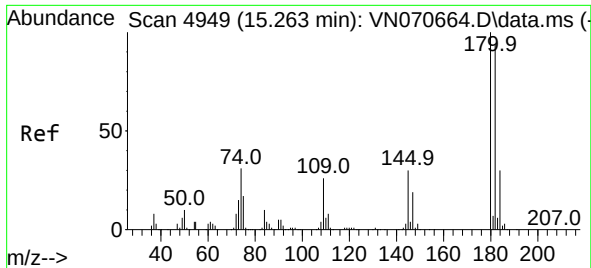
Delta R.T. 0.008 min

Lab File: VN070910.D

Acq: 2 Feb 2022 23:40

Tgt Ion: 117	Resp:	2183
Ion Ratio	Lower	Upper
117	100	
201	0.0	43.9 131.6#

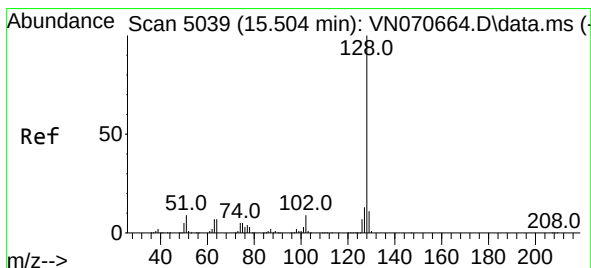
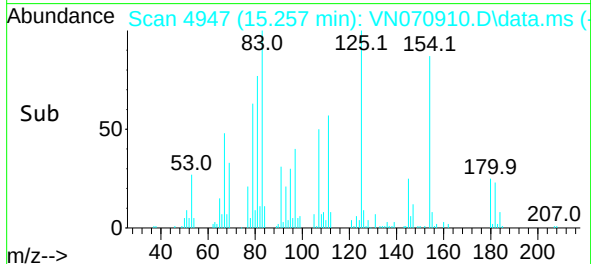
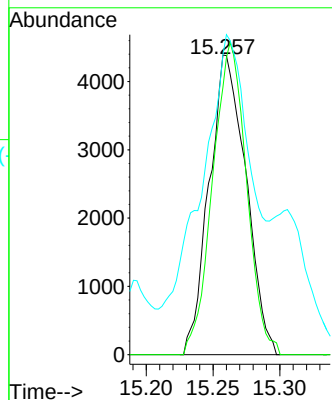
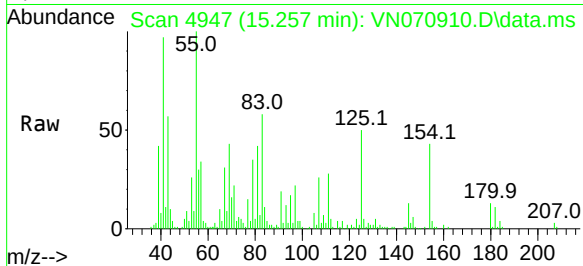




#93
 1,2,4-Trichlorobenzene
 Concen: 0.766 ug/l
 RT: 15.257 min Scan# 4949
 Delta R.T. -0.006 min
 Lab File: VN070910.D
 Acq: 2 Feb 2022 23:40

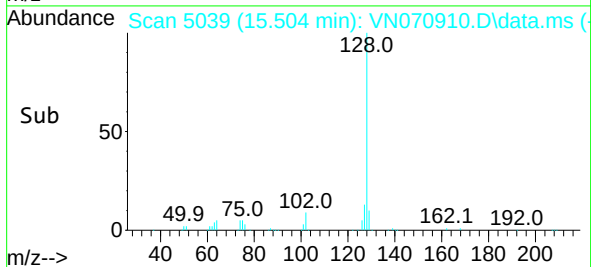
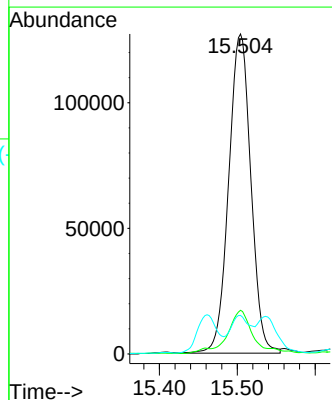
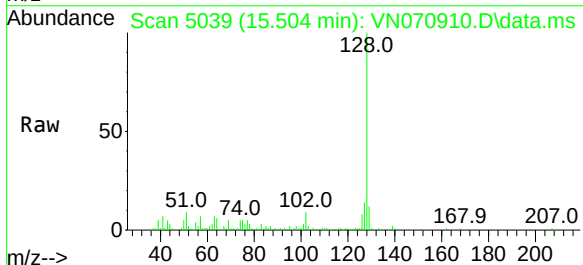
Instrument :
 MSVOA_N
 ClientSampleId :
 31526DL

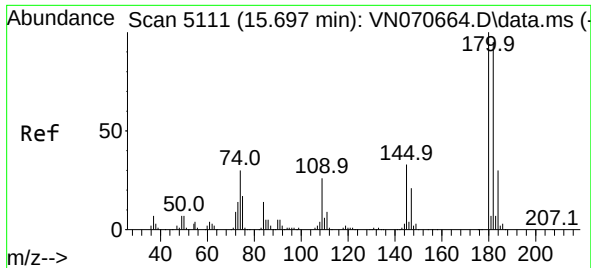
Tgt Ion:180 Resp: 8415
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.3 144.9
 145 111.1 14.5 43.5#



#95
 Naphthalene
 Concen: 11.035 ug/l
 RT: 15.504 min Scan# 5039
 Delta R.T. 0.000 min
 Lab File: VN070910.D
 Acq: 2 Feb 2022 23:40

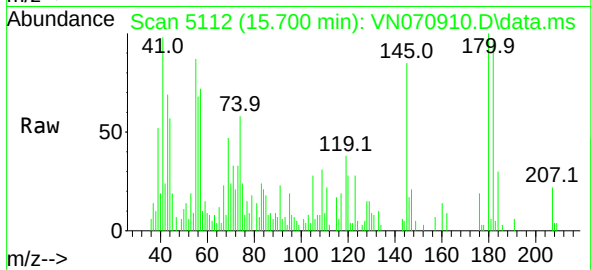
Tgt Ion:128 Resp: 251523
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.5 15.7
 129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.592 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070910.D
 Acq: 2 Feb 2022 23:40

Instrument :
 MSVOA_N
 ClientSampleId :
 31526DL



Tgt Ion:180	Resp:	9665
Ion	Ratio	Lower Upper
180	100	
182	98.4	47.4 142.2
145	87.3	15.0 45.1#

