

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
 Data File : VN071236.D
 Acq On : 10 Mar 2022 17:46
 Operator : JC\MD
 Sample : N1852-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 11 02:13:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	712750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1168529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1048432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	466758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	442852	45.335	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.660%
35) Dibromofluoromethane	8.022	113	337245	45.735	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.480%
50) Toluene-d8	10.439	98	1420347	47.840	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.727	95	561988	55.900	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.800%

Target Compounds				Qvalue		
3) Chloromethane	2.293	50	4670	0.411	ug/l	89
5) Bromomethane	2.857	94	2147	Below Cal		81
11) Tert butyl alcohol	5.363	59	23174	12.076	ug/l #	87
13) Acrolein	4.034	56	1489	0.733	ug/l	90
15) Acrylonitrile	5.557	53	2162	0.379	ug/l #	23
16) Acetone	4.281	43	795493	167.365	ug/l	93
17) Carbon Disulfide	4.534	76	13329	0.655	ug/l	99
18) Methyl Acetate	4.857	43	34523	3.149	ug/l	97
20) Methylene Chloride	5.092	84	5221	0.978	ug/l	94
25) 2-Butanone	7.333	43	139619	18.235	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	1886	0.203	ug/l	77
29) Tetrahydrofuran	7.698	42	1972	0.372	ug/l #	55
31) Cyclohexane	8.086	56	15722	1.008	ug/l #	28
36) 1,1-Dichloropropene	8.080	75	54787	4.637	ug/l #	49
37) Ethyl Acetate	7.333	43	139619	8.587	ug/l #	71
38) Carbon Tetrachloride	8.086	117	67392	5.897	ug/l #	16
40) Benzene	8.463	78	35604	1.000	ug/l	99
43) Isopropyl Acetate	8.639	43	278391	11.449	ug/l #	55
45) 1,2-Dichloropropane	9.551	63	2612	0.273	ug/l #	44
49) 1,4-Dioxane	9.569	88	412	2.104	ug/l #	27
51) 4-Methyl-2-Pentanone	10.327	43	14953	0.991	ug/l	98
52) Toluene	10.498	92	267965	12.225	ug/l	95
59) 2-Hexanone	11.080	43	14546	1.413	ug/l	75
64) Tetrachloroethene	10.974	164	2678	0.366	ug/l	89
65) Chlorobenzene	11.763	112	317956	14.121	ug/l	99
67) Ethyl Benzene	11.839	91	122553	3.078	ug/l	98
68) m/p-Xylenes	11.945	106	277132	19.029	ug/l	96
69) o-Xylene	12.274	106	733136	50.219	ug/l	98
70) Styrene	12.274	104	40156	1.777	ug/l #	1
73) Isopropylbenzene	12.568	105	15798	0.351	ug/l	99
74) N-amyl acetate	12.380	43	3911	0.231	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.821	83	1900	Below Cal	#	25
76) 1,2,3-Trichloropropane	13.004	75	1379144	126.212	ug/l #	1
78) n-propylbenzene	13.098	91	15097025	312.681	ug/l #	52
79) 2-Chlorotoluene	13.098	91	15158037	489.067	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	13713	0.392	ug/l	83

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 Response via : Initial Calibration

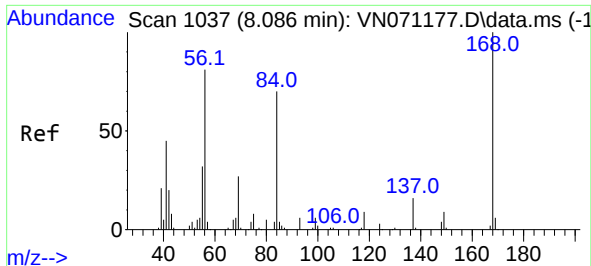
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	12.727	75	285871	66.207	ug/l #	5
82) 4-Chlorotoluene	13.098	91	15158037	549.064	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	62478	1.863	ug/l	89
86) p-Isopropyltoluene	13.610	119	39458	1.208	ug/l	93
87) 1,3-Dichlorobenzene	13.610	146	10281	0.603	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	72309	4.339	ug/l	91
89) n-Butylbenzene	13.939	91	26259	1.028	ug/l #	66
90) Hexachloroethane	14.209	117	1759	0.271	ug/l #	10
91) 1,2-Dichlorobenzene	13.986	146	133030	8.117	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.627	75	25923	9.902	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.256	180	10171	4.239	ug/l	95
94) Hexachlorobutadiene	15.362	225	1159	0.252	ug/l	84
95) Naphthalene	15.498	128	881668	42.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	9062	3.901	ug/l #	84

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

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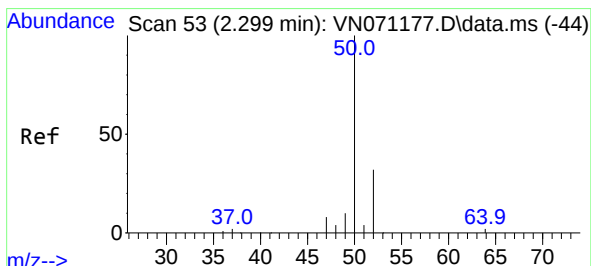
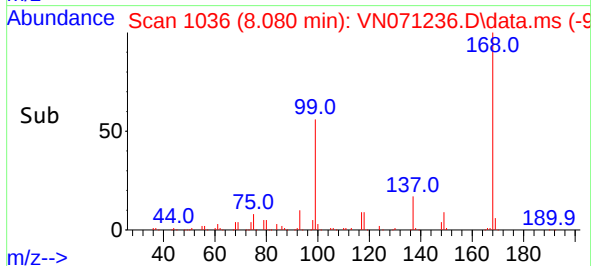
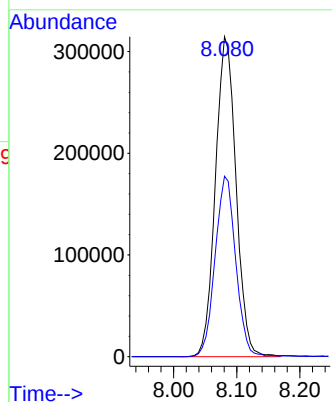
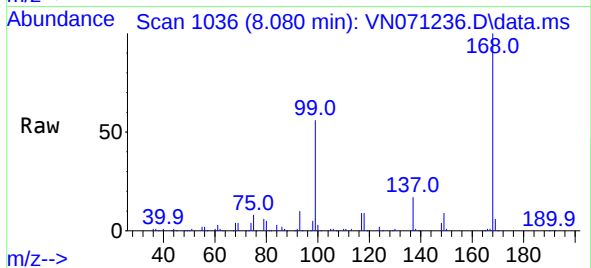




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

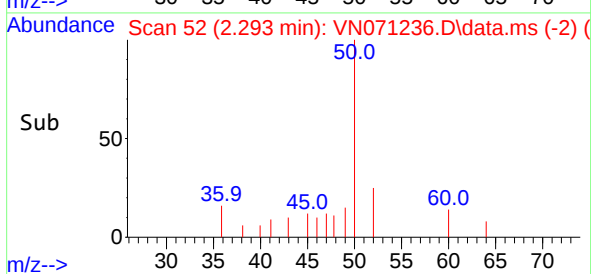
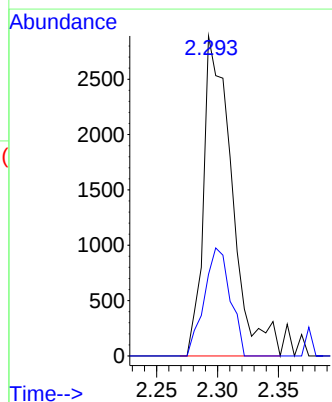
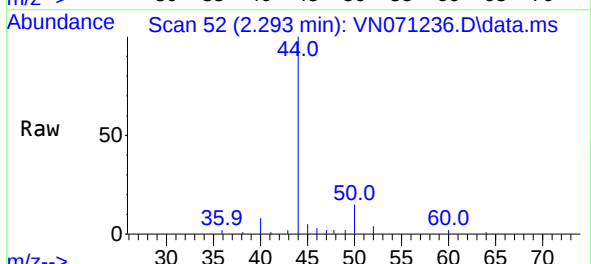
Instrument :
MSVOA_N
ClientSampleId :

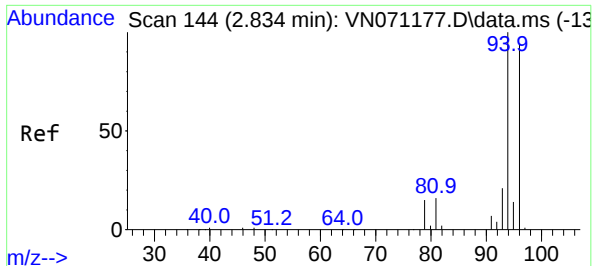
Tgt Ion:168 Resp: 712750
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9



#3
Chloromethane
Concen: 0.411 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 50 Resp: 4670
Ion Ratio Lower Upper
50 100
52 25.5 25.4 38.0

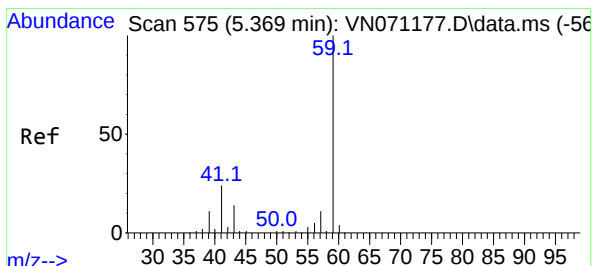
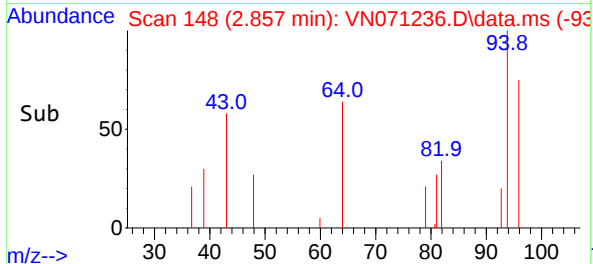
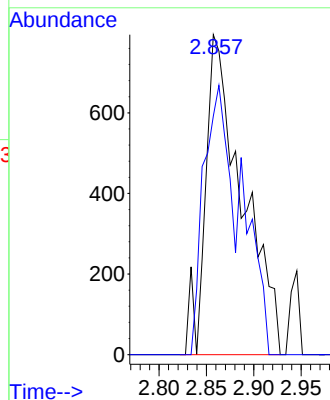
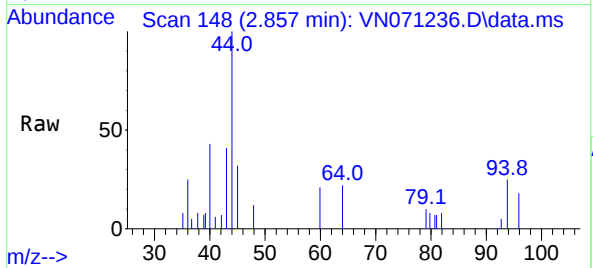




#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 14
Delta R.T. 0.023 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

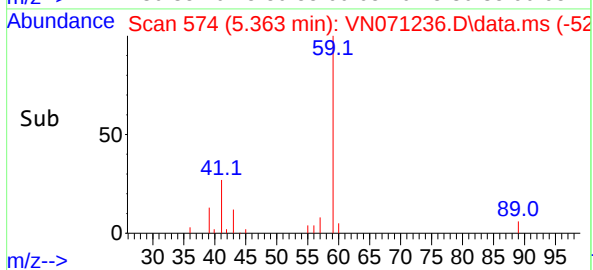
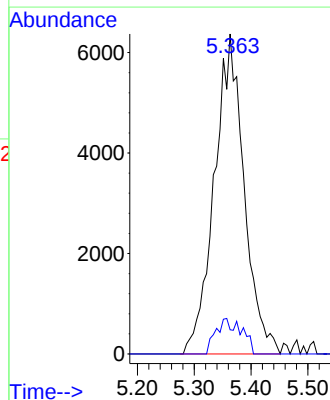
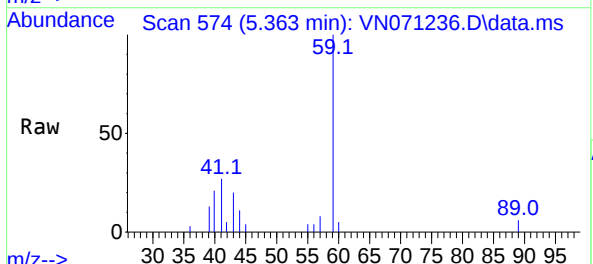
Instrument :
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ClientSampleId :

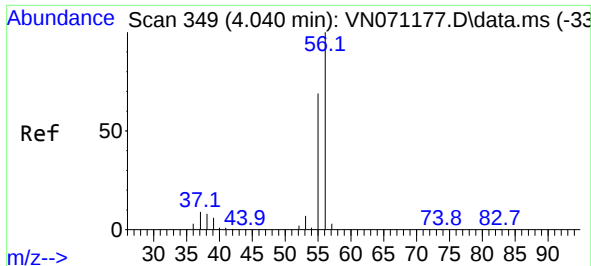
Tgt Ion: 94 Resp: 2147
Ion Ratio Lower Upper
94 100
96 74.6 73.8 110.8



#11
Tert butyl alcohol
Concen: 12.076 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

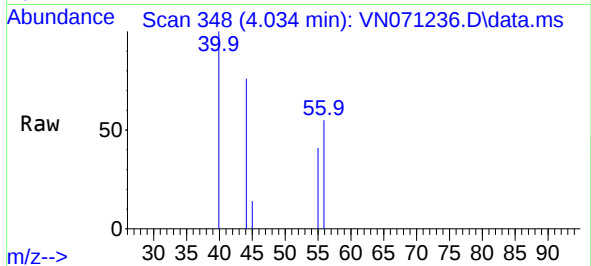
Tgt Ion: 59 Resp: 23174
Ion Ratio Lower Upper
59 100
57 6.1 8.7 13.1#



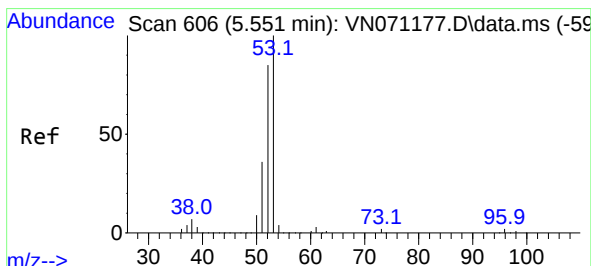
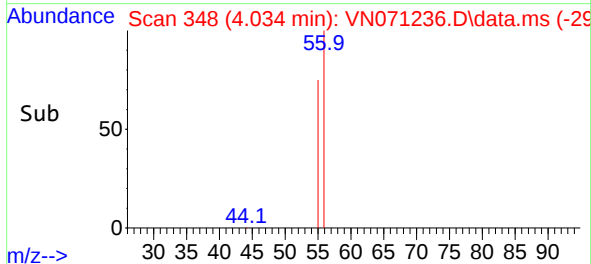
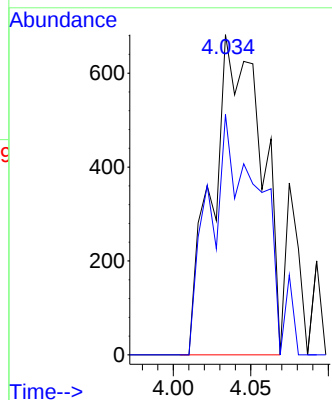


#13
Acrolein
Concen: 0.733 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :

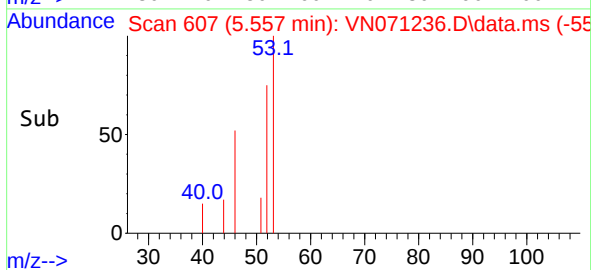
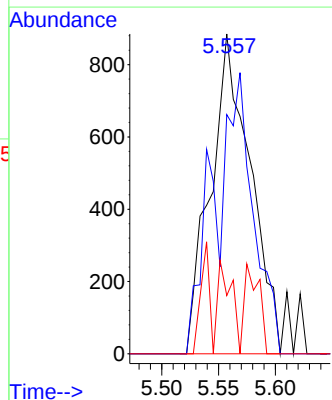
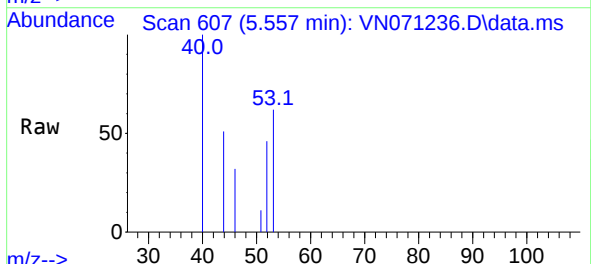


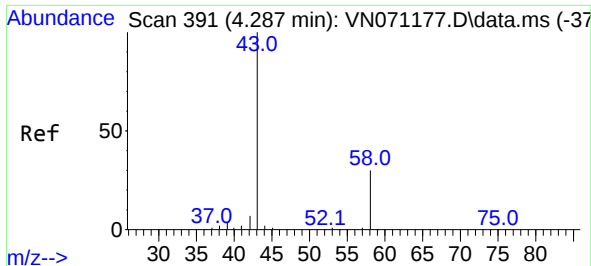
Tgt Ion: 56 Resp: 1489
Ion Ratio Lower Upper
56 100
55 78.8 56.6 85.0



#15
Acrylonitrile
Concen: 0.379 ug/l
RT: 5.557 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 53 Resp: 2162
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 10.2 29.6 44.4#

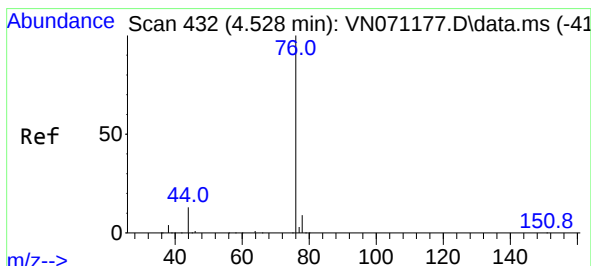
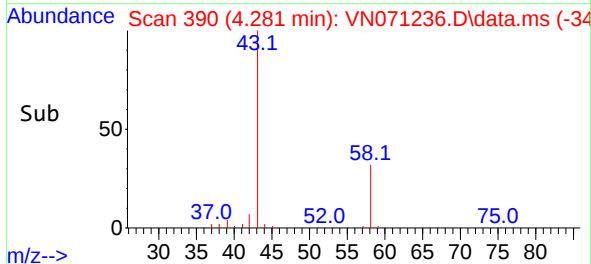
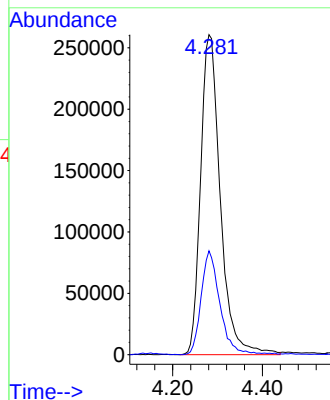
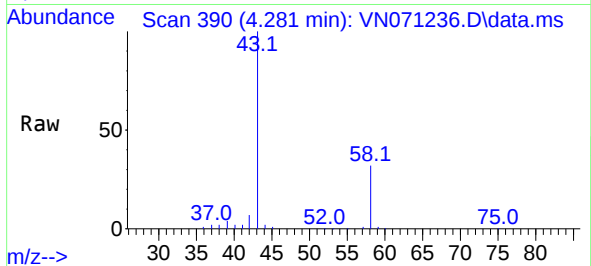




#16
Acetone
Concen: 167.365 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

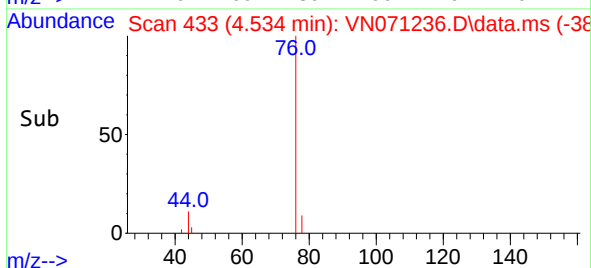
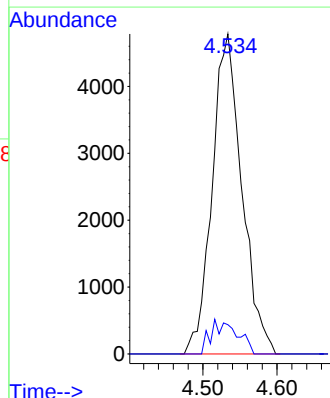
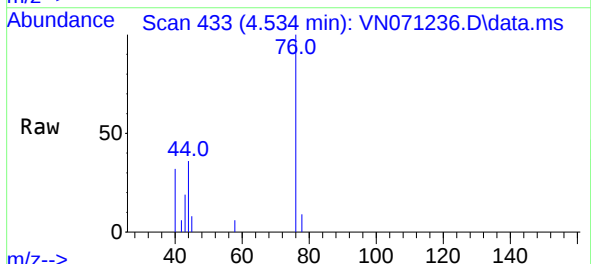
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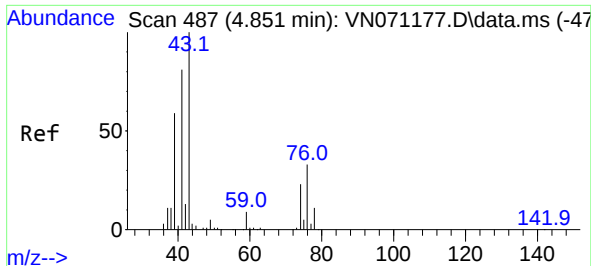
Tgt Ion: 43 Resp: 795493
Ion Ratio Lower Upper
43 100
58 32.5 23.1 34.7



#17
Carbon Disulfide
Concen: 0.655 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

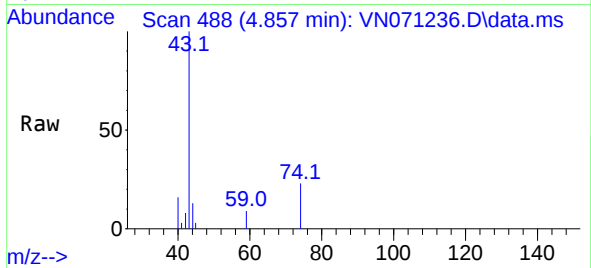
Tgt Ion: 76 Resp: 13329
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



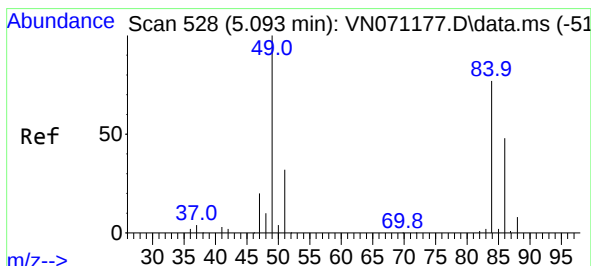
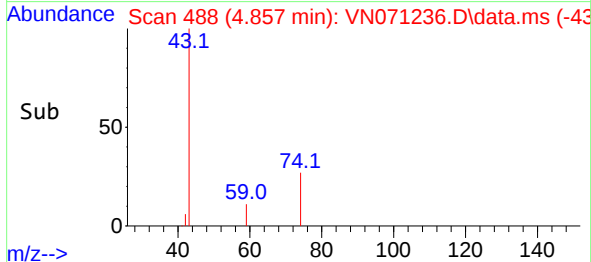
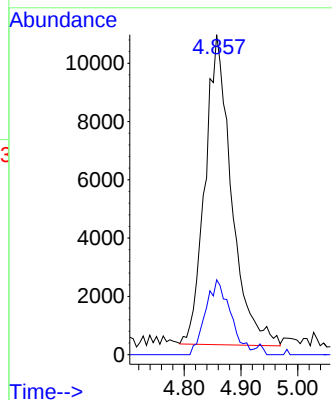


#18
Methyl Acetate
Concen: 3.149 ug/l
RT: 4.857 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :

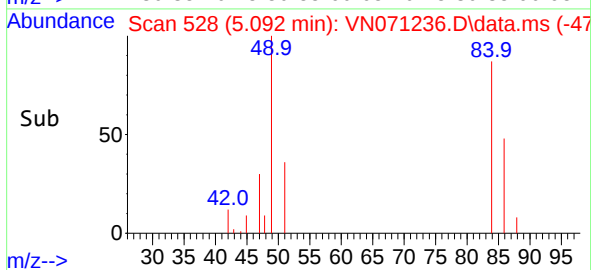
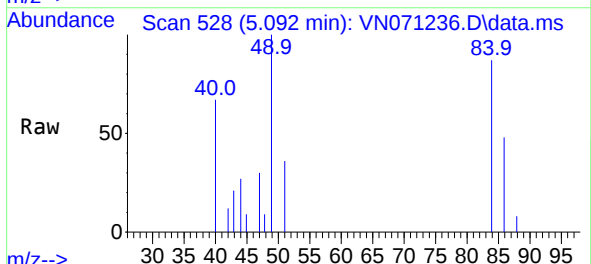
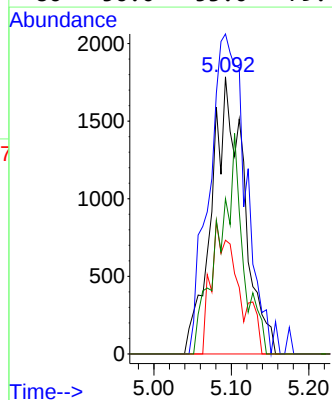


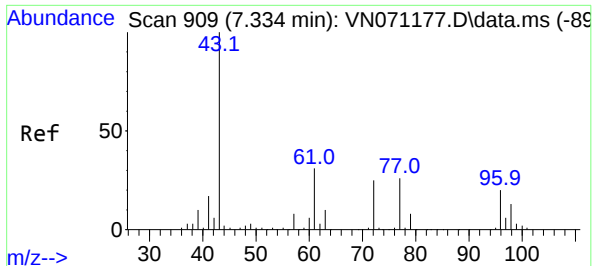
Tgt Ion: 43 Resp: 34523
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2



#20
Methylene Chloride
Concen: 0.978 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 84 Resp: 5221
Ion Ratio Lower Upper
84 100
49 115.5 93.5 140.3
51 41.0 29.4 44.2
86 56.0 53.0 79.4

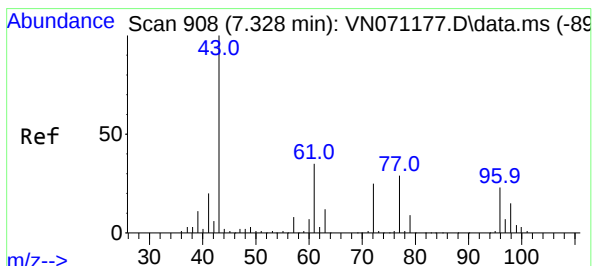
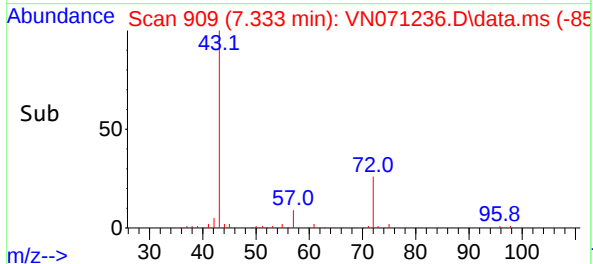
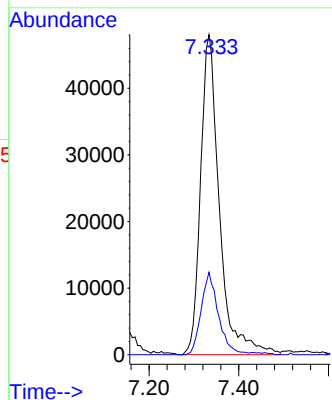
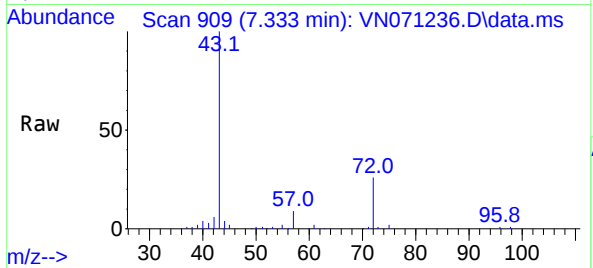




#25
2-Butanone
Concen: 18.235 ug/l
RT: 7.333 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

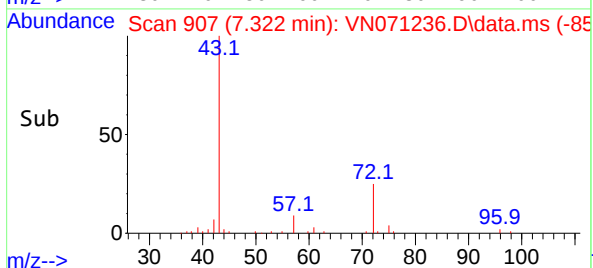
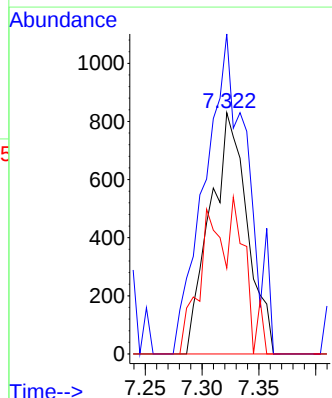
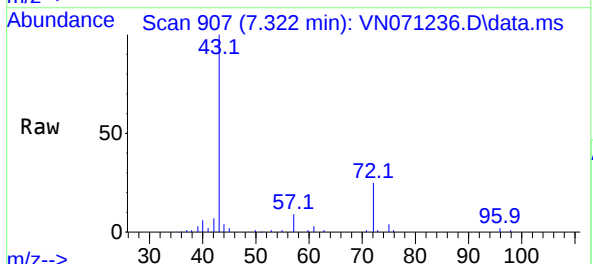
Instrument :
MSVOA_N
ClientSampleId :

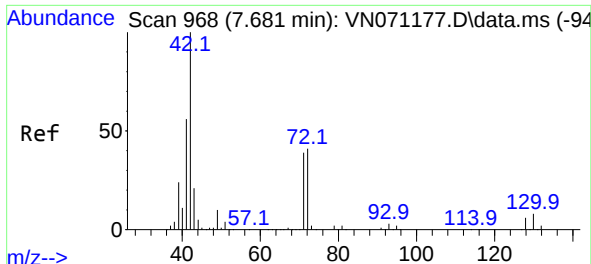
Tgt Ion: 43 Resp: 139619
Ion Ratio Lower Upper
43 100
72 25.8 21.7 32.5



#27
cis-1,2-Dichloroethene
Concen: 0.203 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 96 Resp: 1886
Ion Ratio Lower Upper
96 100
61 152.2 0.0 275.0
98 27.6 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.372 ug/l

RT: 7.698 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN071236.D

Acq: 10 Mar 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

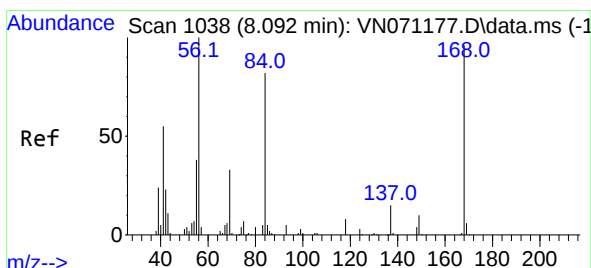
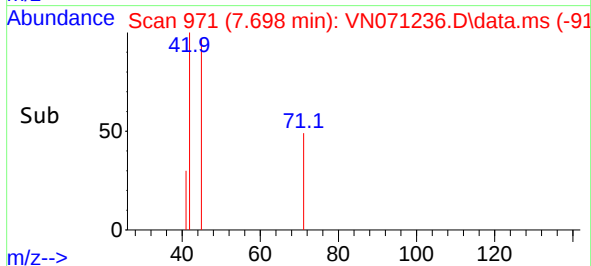
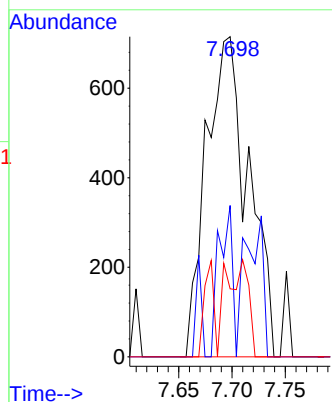
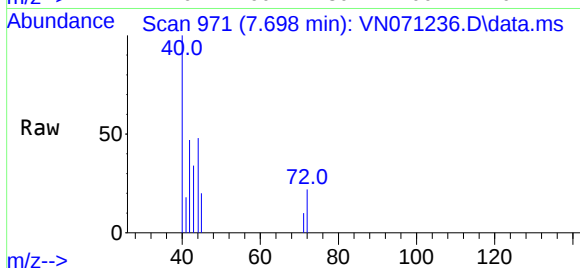
Tgt Ion: 42 Resp: 1972

Ion Ratio Lower Upper

42 100

72 15.1 36.3 54.5#

71 15.9 34.7 52.1#



#31

Cyclohexane

Concen: 1.008 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071236.D

Acq: 10 Mar 2022 17:46

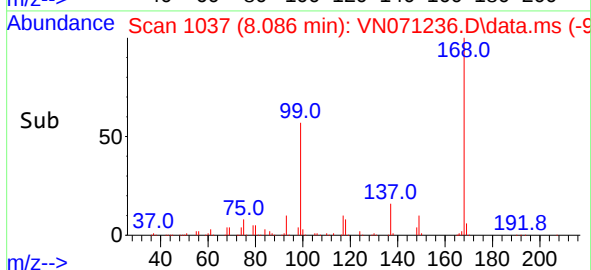
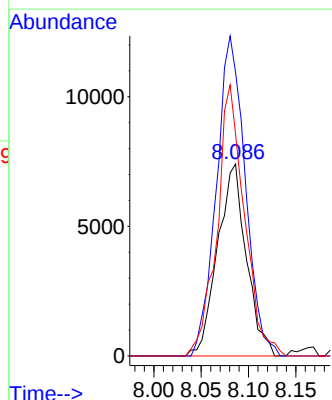
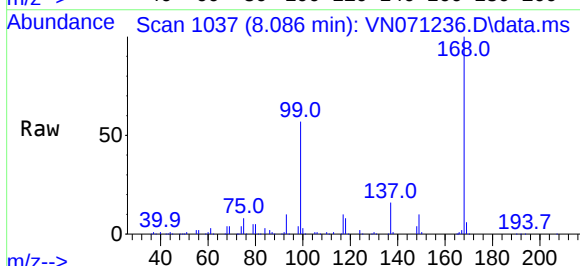
Tgt Ion: 56 Resp: 15722

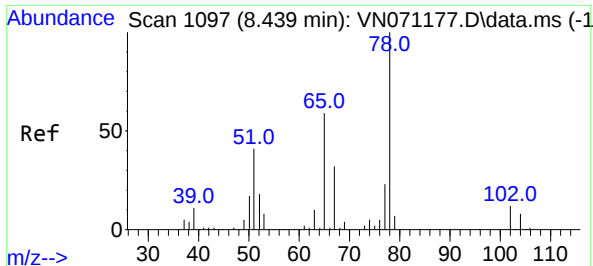
Ion Ratio Lower Upper

56 100

69 147.7 27.1 40.7#

84 115.5 73.4 110.0#

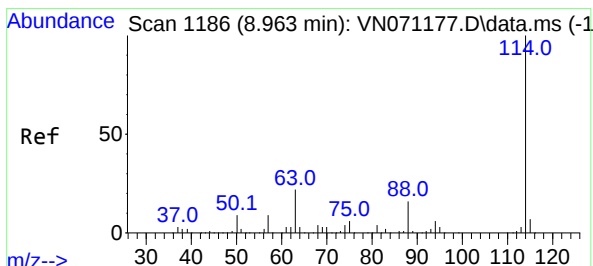
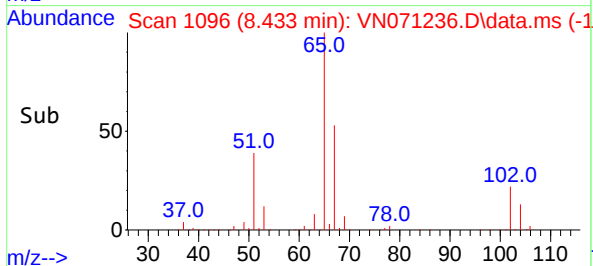
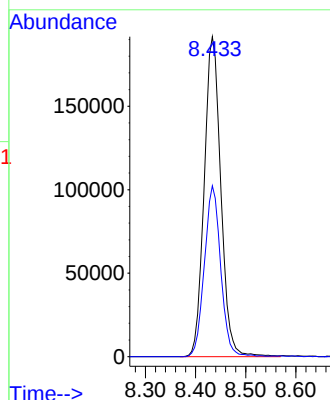
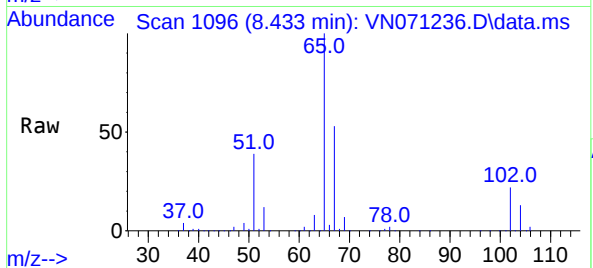




#33
1,2-Dichloroethane-d4
Concen: 45.335 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

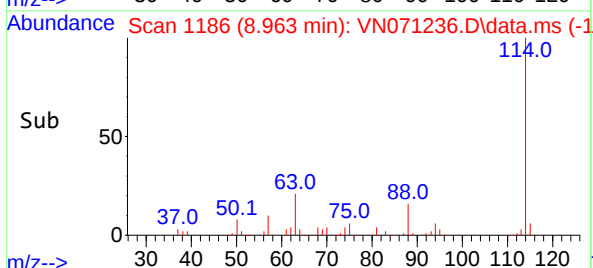
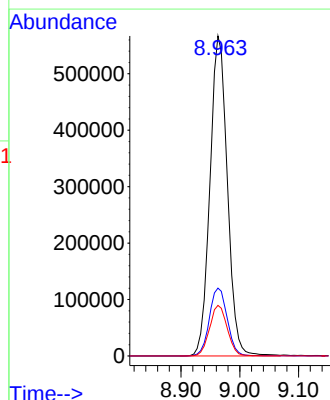
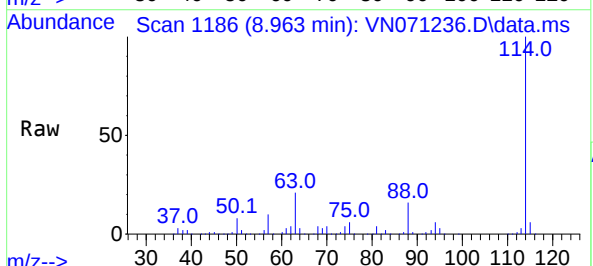
Instrument :
MSVOA_N
ClientSampleId :

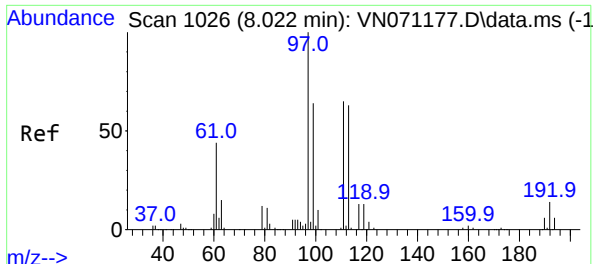
Tgt Ion: 65 Resp: 442852
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

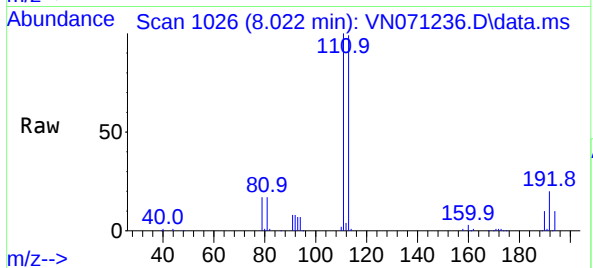
Tgt Ion:114 Resp: 1168529
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 15.8 0.0 27.4



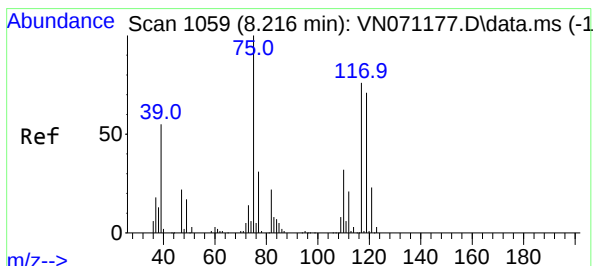
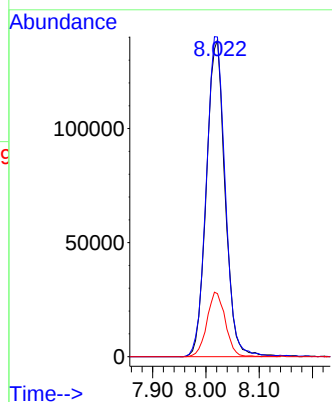
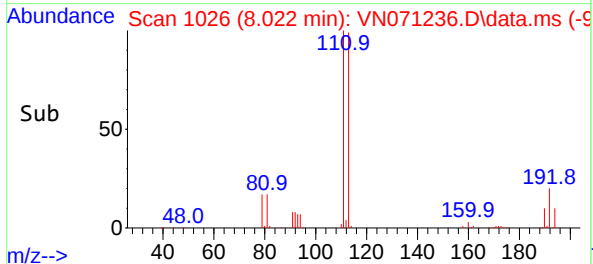


#35
Dibromofluoromethane
Concen: 45.735 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

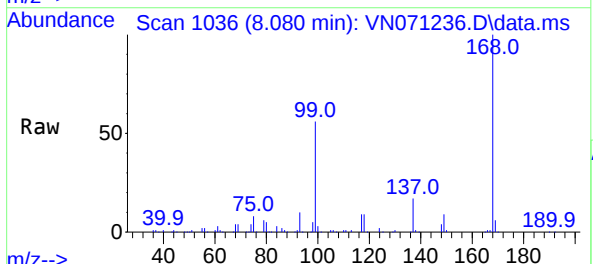
Instrument :
MSVOA_N
ClientSampleId :



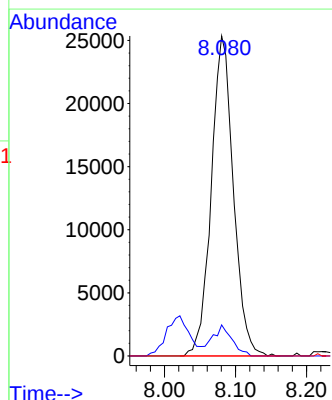
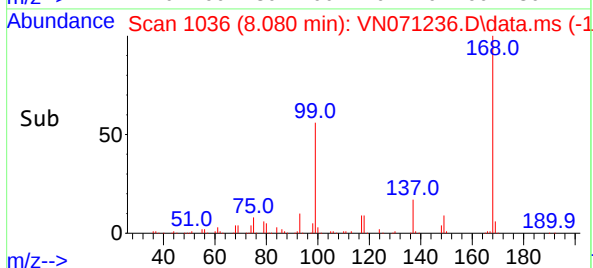
Tgt Ion:113 Resp: 337245
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.2 16.9 25.3

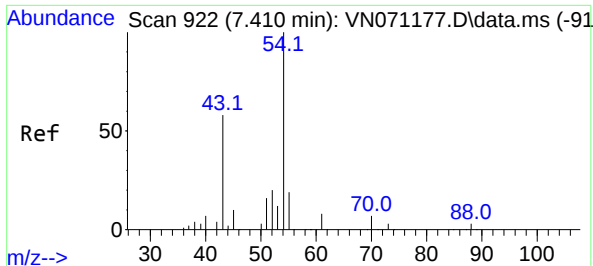


#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46



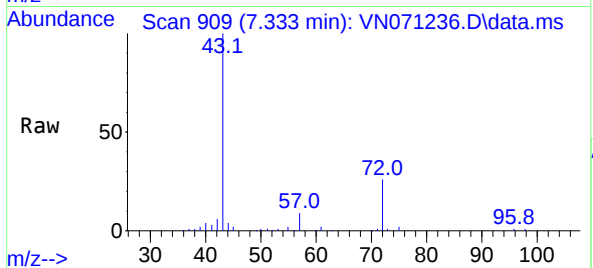
Tgt Ion: 75 Resp: 54787
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#



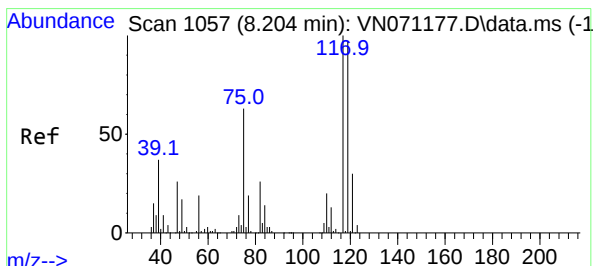
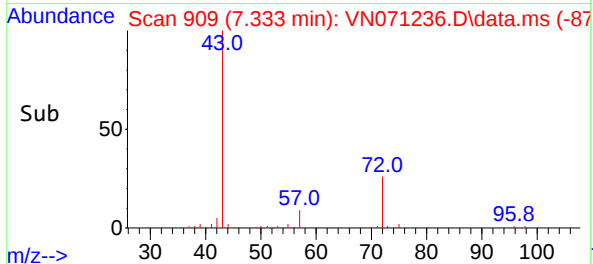
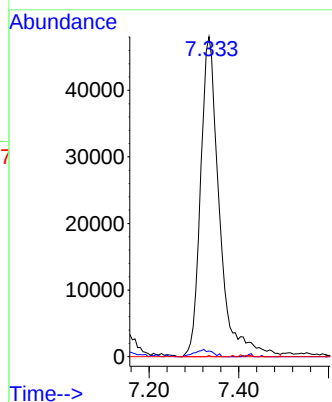


#37
Ethyl Acetate
Concen: 8.587 ug/l
RT: 7.333 min Scan# 90
Delta R.T. -0.077 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :

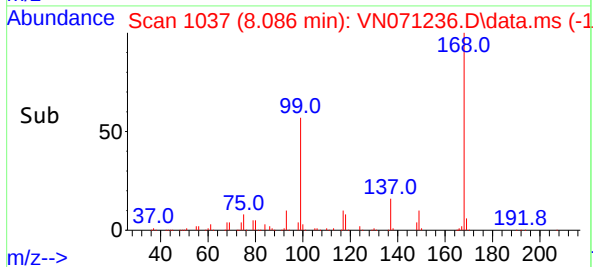
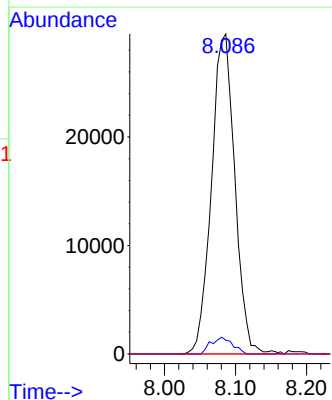
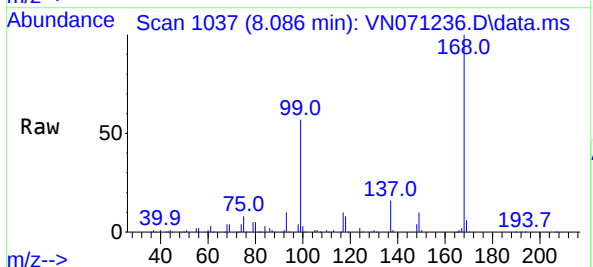


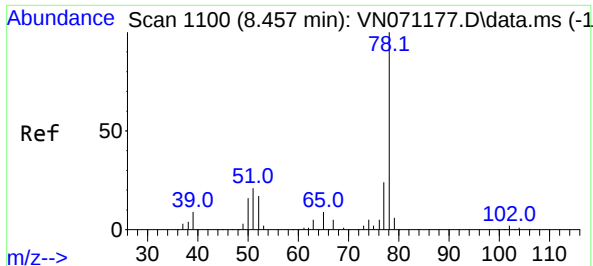
Tgt Ion: 43 Resp: 139619
Ion Ratio Lower Upper
43 100
61 2.1 11.5 17.3#
70 0.1 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.897 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 117 Resp: 67392
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#

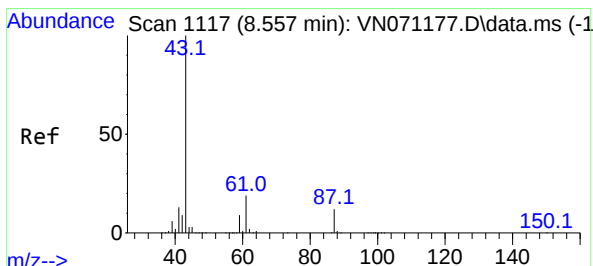
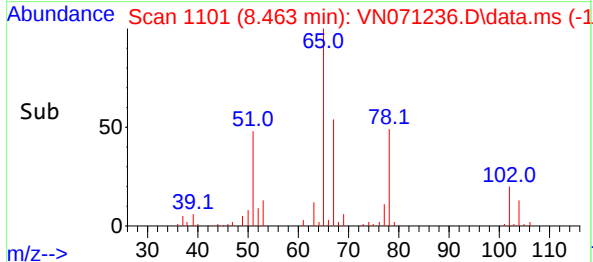
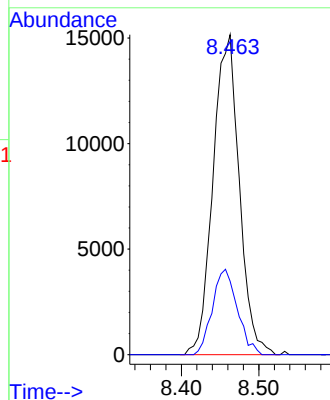
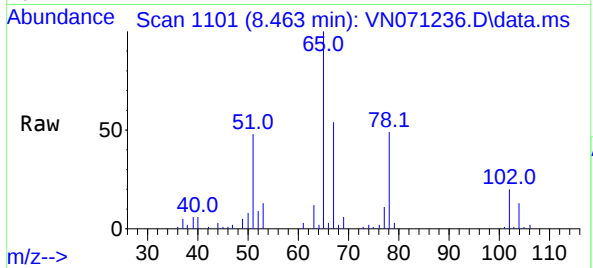




#40
Benzene
Concen: 1.000 ug/l
RT: 8.463 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

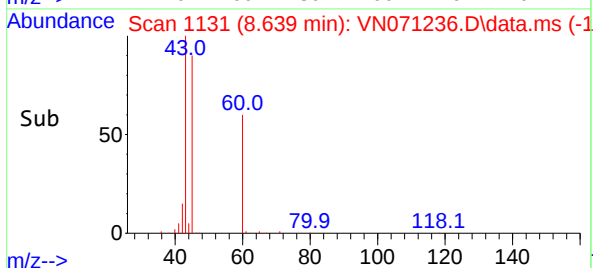
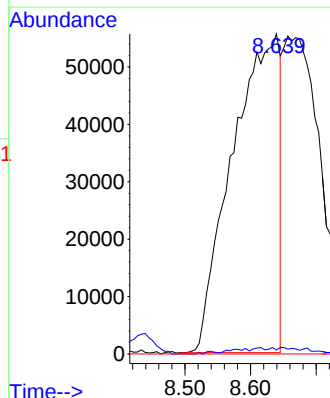
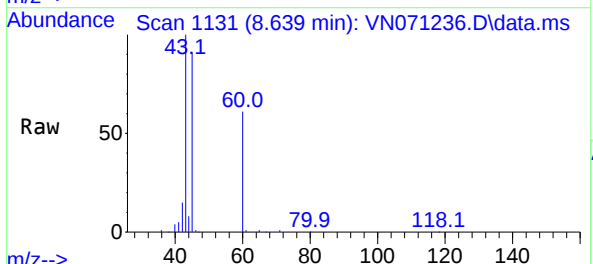
Instrument :
MSVOA_N
ClientSampleId :

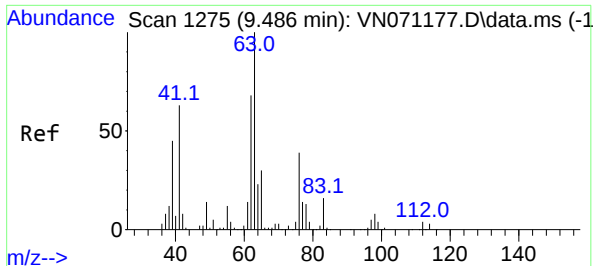
Tgt Ion: 78 Resp: 35604
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8



#43
Isopropyl Acetate
Concen: 11.449 ug/l
RT: 8.639 min Scan# 1131
Delta R.T. 0.082 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 43 Resp: 278391
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.273 ug/l

RT: 9.551 min Scan# 11

Delta R.T. 0.065 min

Lab File: VN071236.D

Acq: 10 Mar 2022 17:46

Instrument :

MSVOA_N

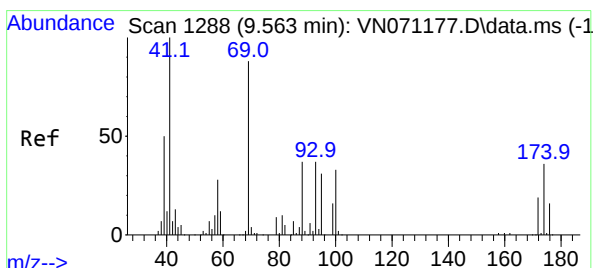
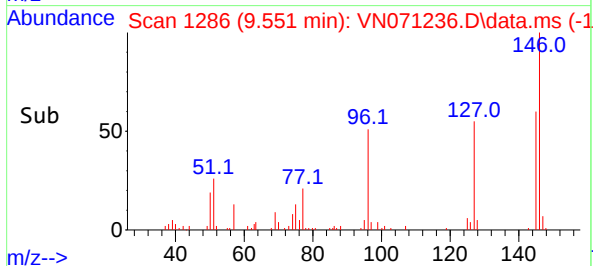
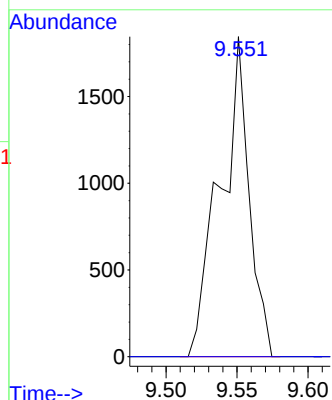
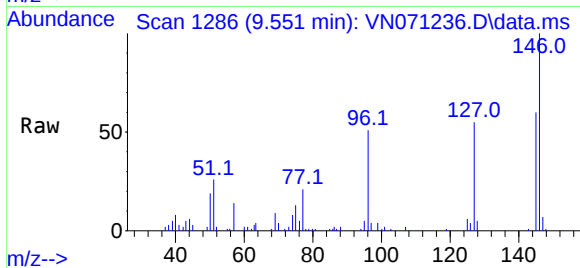
ClientSampleId :

Tgt Ion: 63 Resp: 2612

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#



#49

1,4-Dioxane

Concen: 2.104 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.006 min

Lab File: VN071236.D

Acq: 10 Mar 2022 17:46

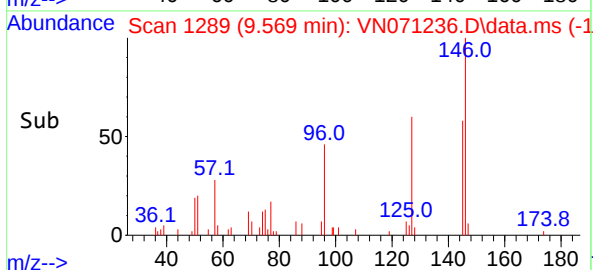
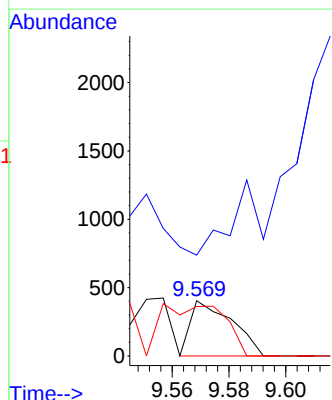
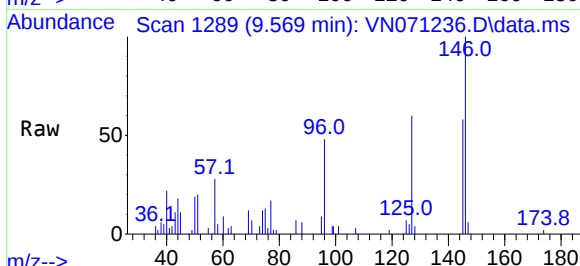
Tgt Ion: 88 Resp: 412

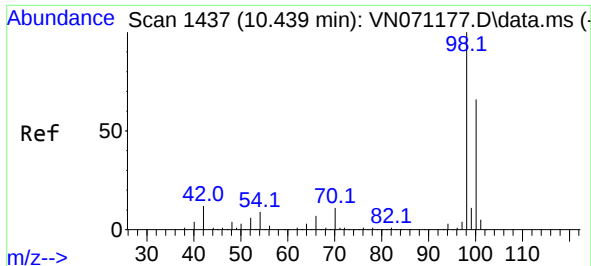
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#

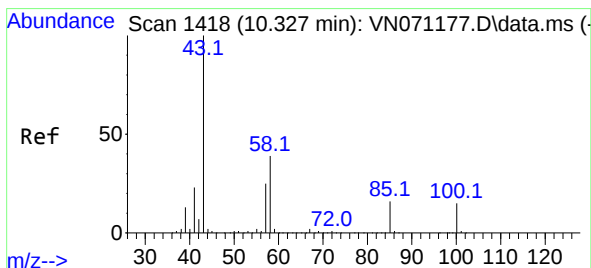
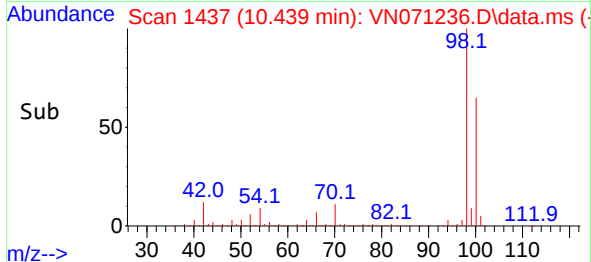
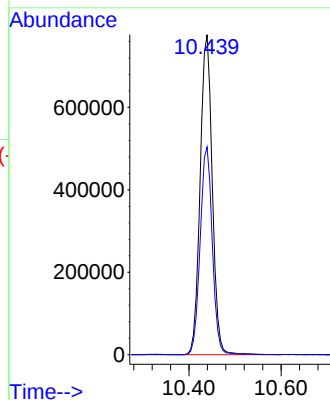
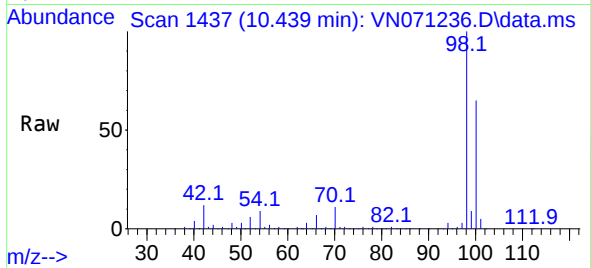




#50
Toluene-d8
Concen: 47.840 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

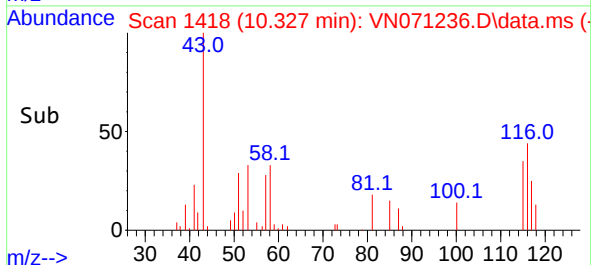
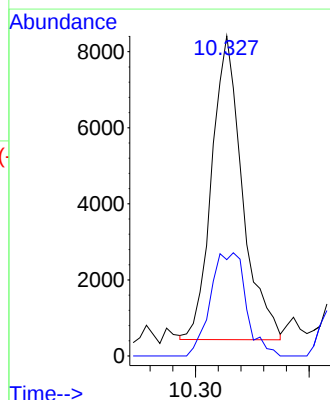
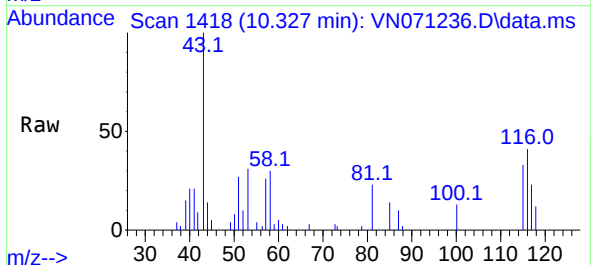
Instrument :
MSVOA_N
ClientSampleId :

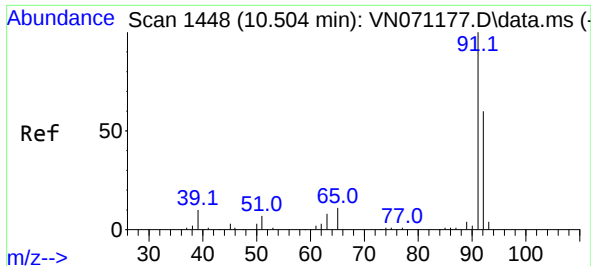
Tgt Ion: 98 Resp: 1420347
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.991 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 43 Resp: 14953
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

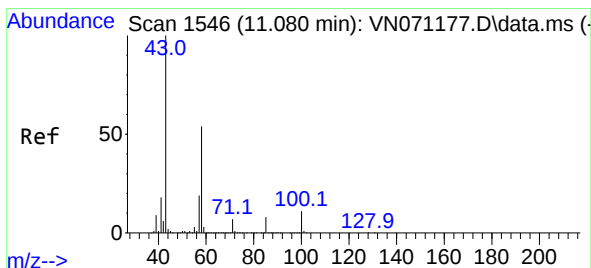
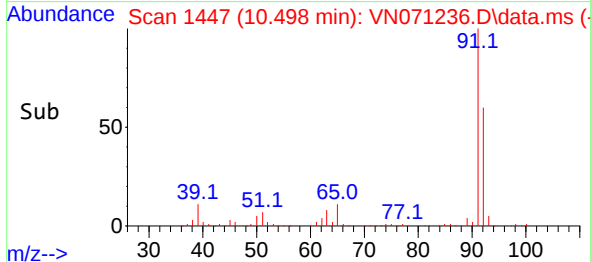
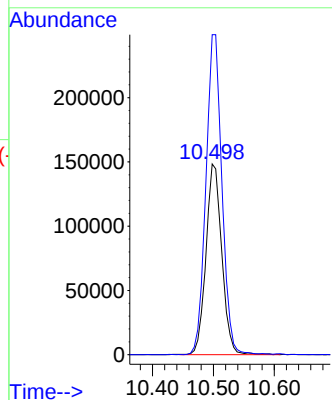
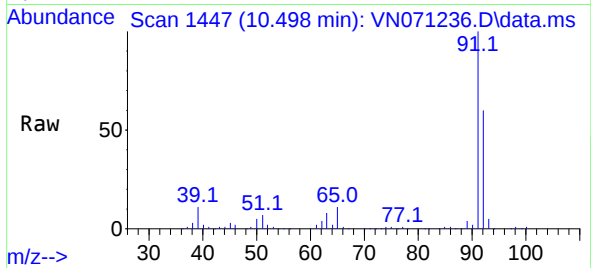




#52
Toluene
Concen: 12.225 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

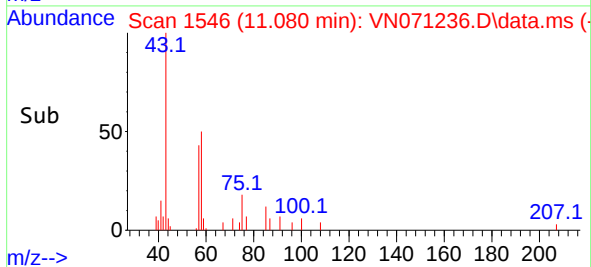
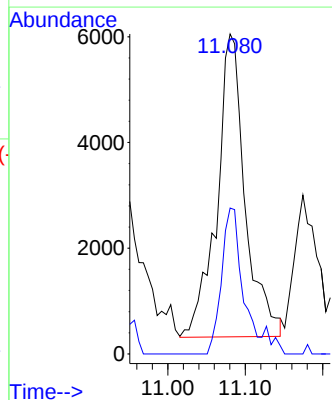
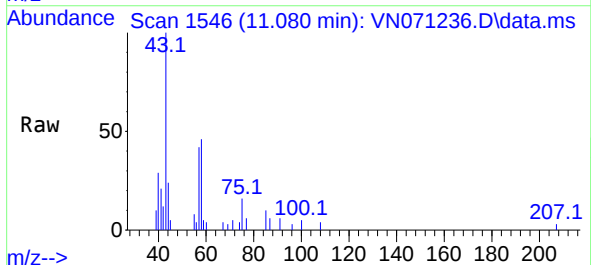
Instrument :
MSVOA_N
ClientSampleId :

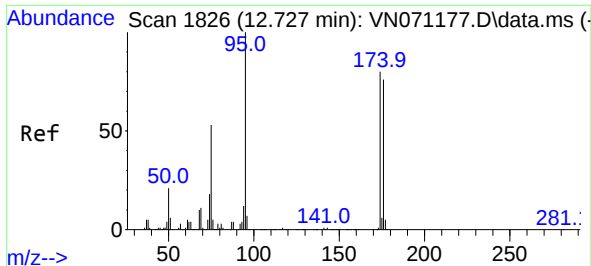
Tgt Ion: 92 Resp: 267965
Ion Ratio Lower Upper
92 100
91 169.8 142.0 213.0



#59
2-Hexanone
Concen: 1.413 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 43 Resp: 14546
Ion Ratio Lower Upper
43 100
58 35.8 26.9 80.7

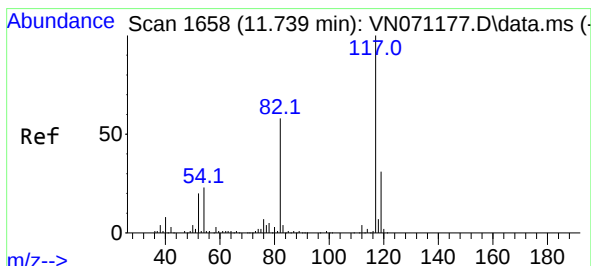
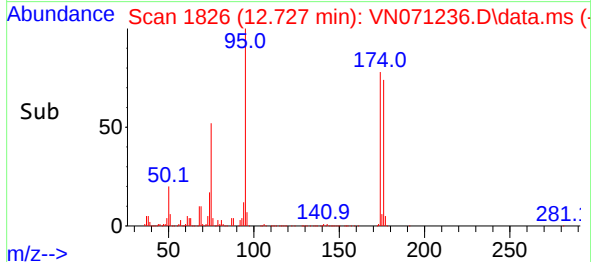
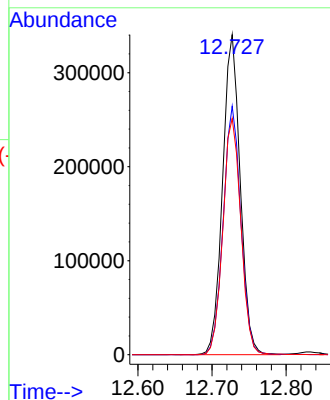
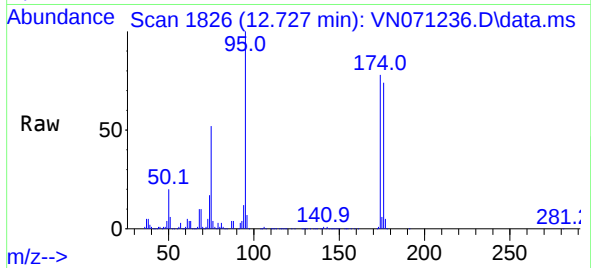




#62
4-Bromofluorobenzene
Concen: 55.900 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

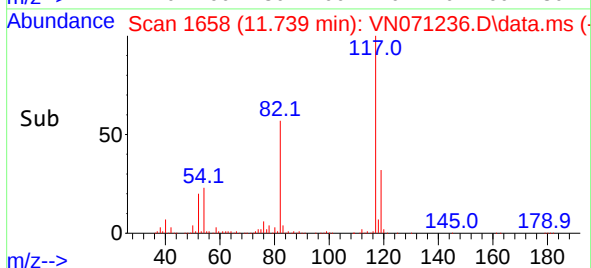
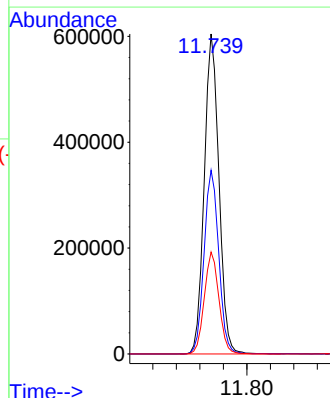
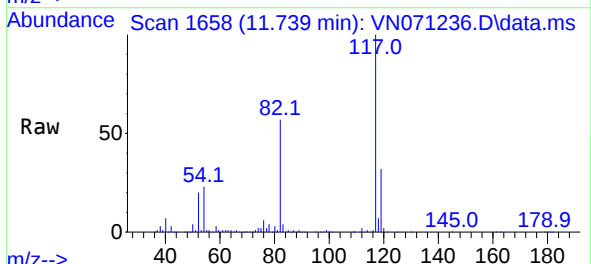
Instrument :
MSVOA_N
ClientSampleId :

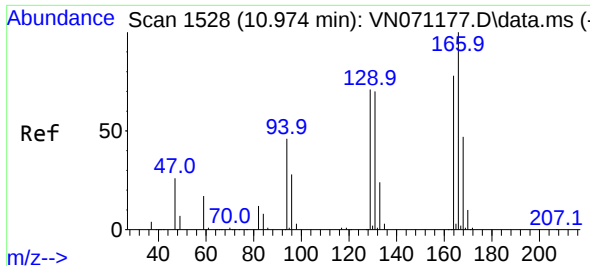
Tgt Ion: 95 Resp: 561988
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 75.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

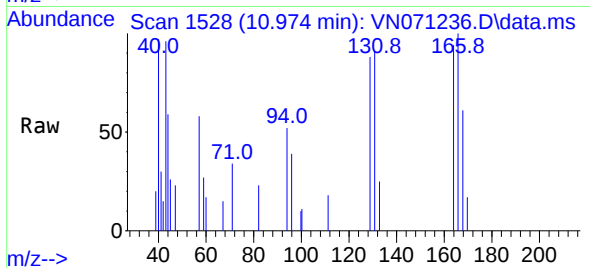
Tgt Ion: 117 Resp: 1048432
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 31.9 25.4 38.2





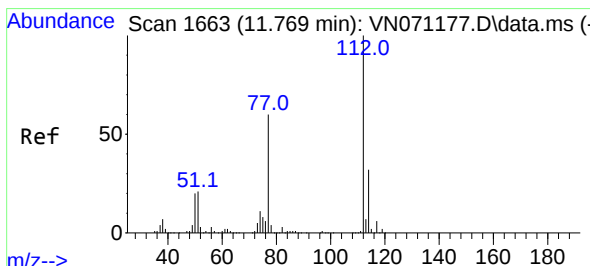
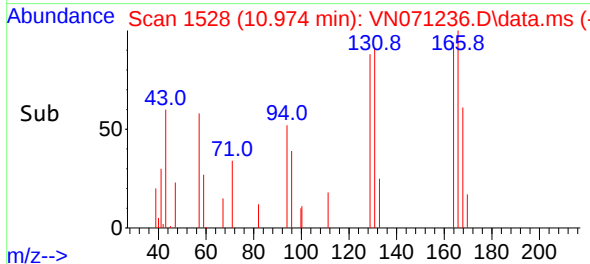
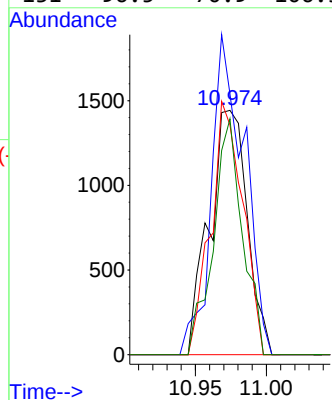
#64
Tetrachloroethene
Concen: 0.366 ug/l
RT: 10.974 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:164 Resp: 2678

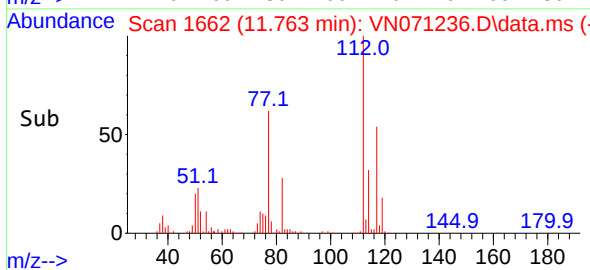
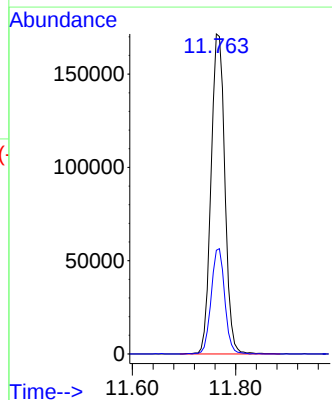
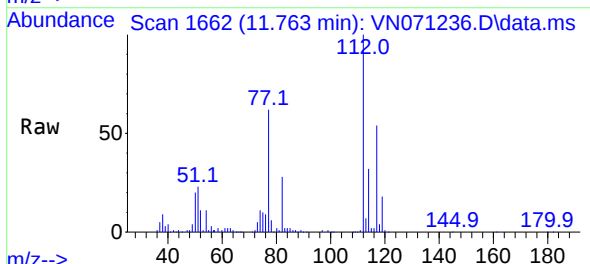
Ion	Ratio	Lower	Upper
164	100		
166	106.7	101.9	152.9
129	94.0	72.0	108.0
131	96.5	70.9	106.3

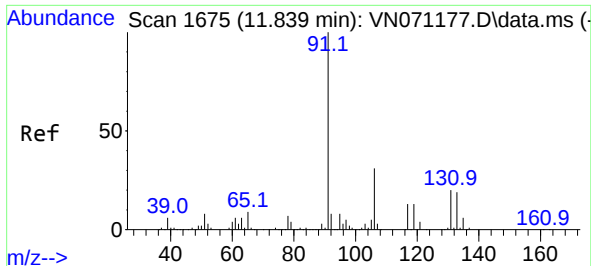


#65
Chlorobenzene
Concen: 14.121 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion:112 Resp: 317956

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.4	38.0

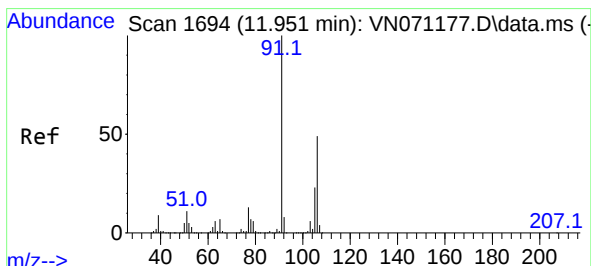
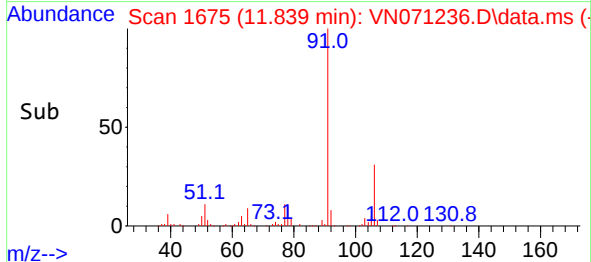
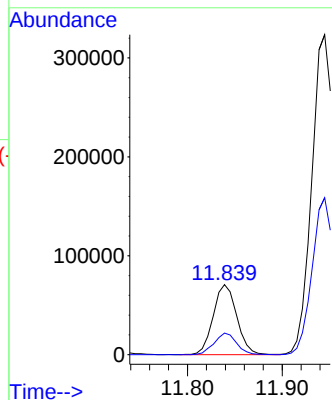
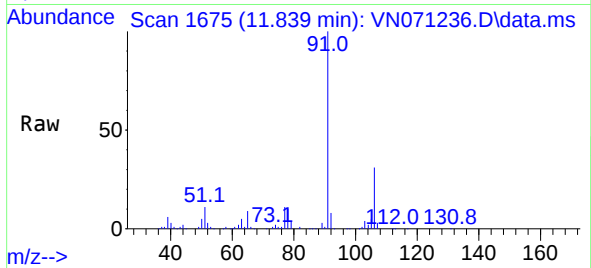




#67
Ethyl Benzene
Concen: 3.078 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

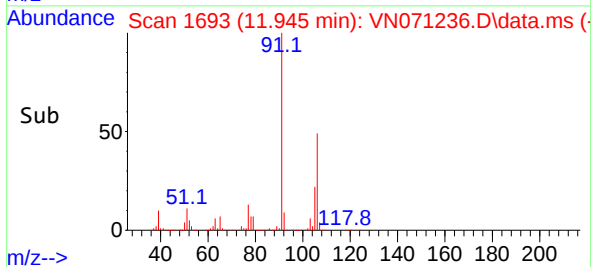
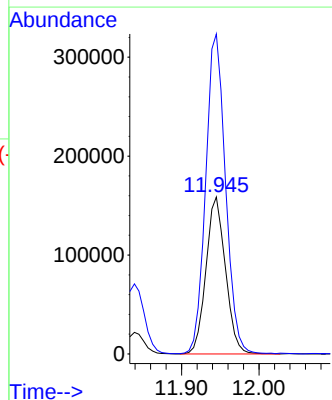
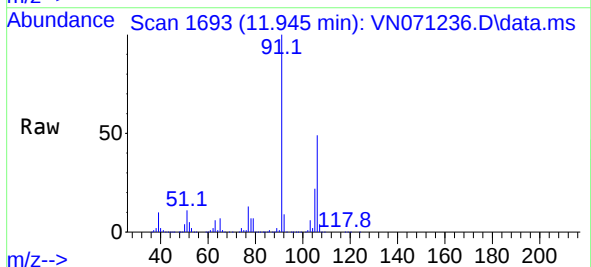
Instrument :
MSVOA_N
ClientSampleId :

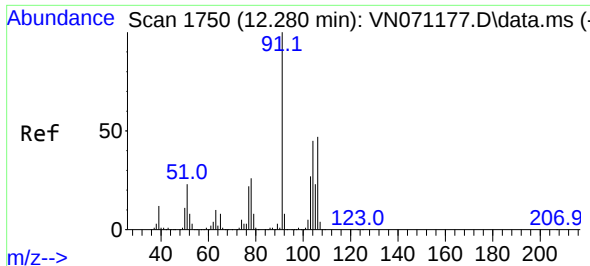
Tgt Ion: 91 Resp: 122553
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5



#68
m/p-Xylenes
Concen: 19.029 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 106 Resp: 277132
Ion Ratio Lower Upper
106 100
91 207.1 160.6 240.8

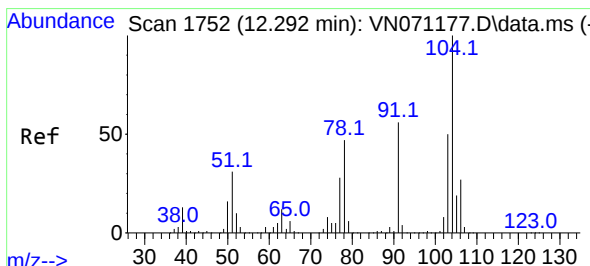
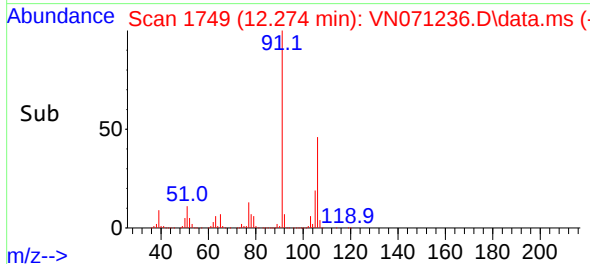
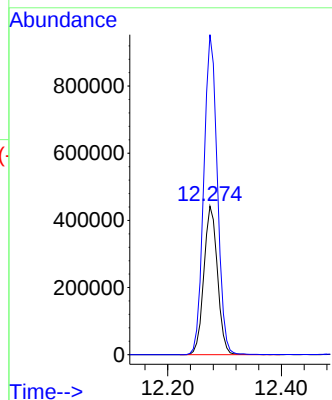
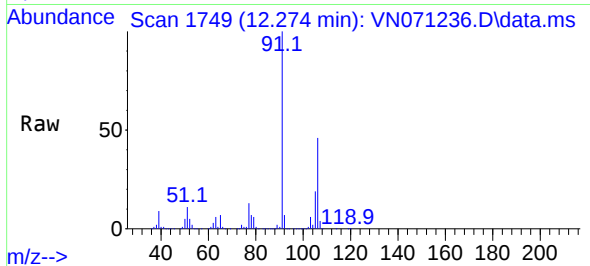




#69
o-Xylene
Concen: 50.219 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

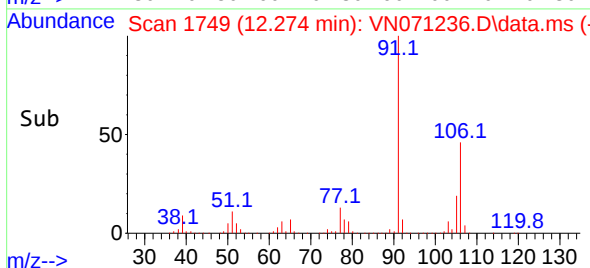
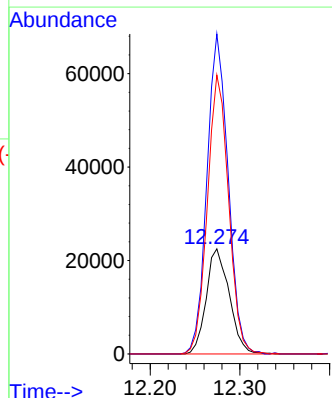
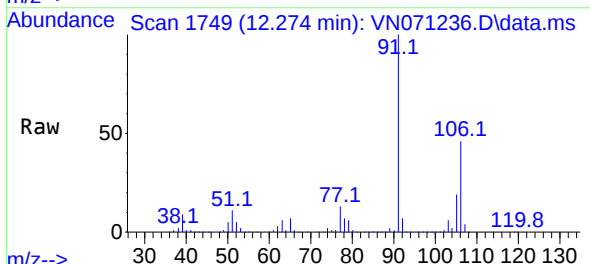
Instrument :
MSVOA_N
ClientSampleId :

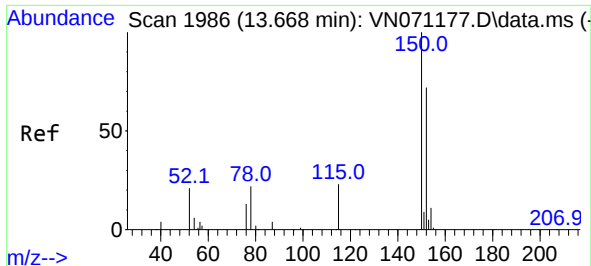
Tgt Ion:106 Resp: 733136
Ion Ratio Lower Upper
106 100
91 215.4 105.8 317.3



#70
Styrene
Concen: 1.777 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.018 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

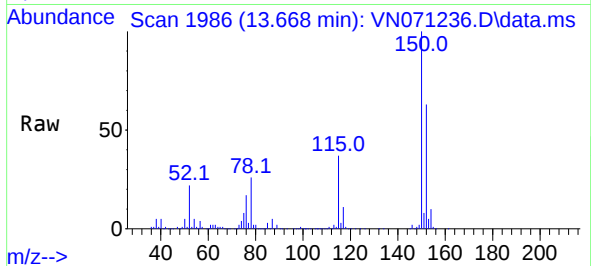
Tgt Ion:104 Resp: 40156
Ion Ratio Lower Upper
104 100
78 279.8 38.7 58.1#
103 244.8 45.0 67.6#



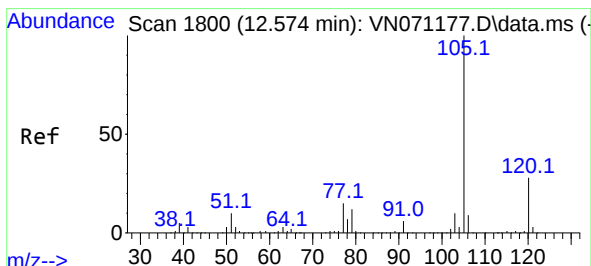
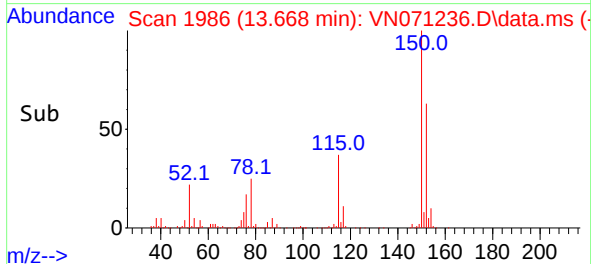
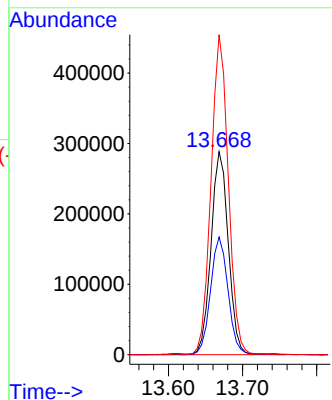


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :

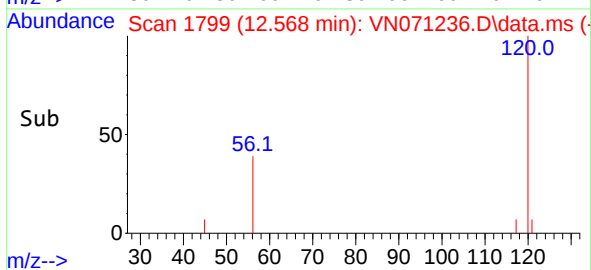
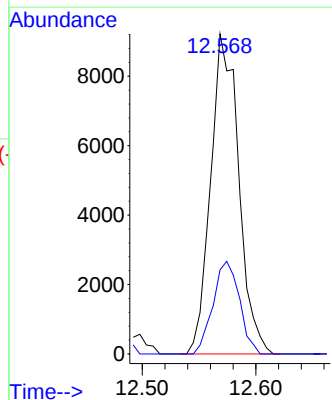
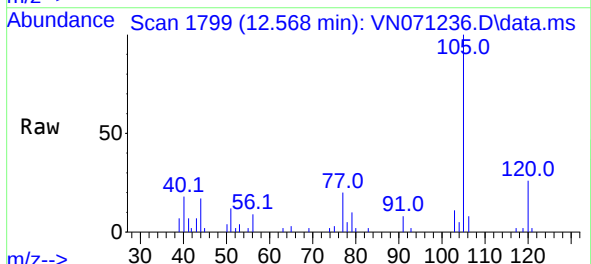


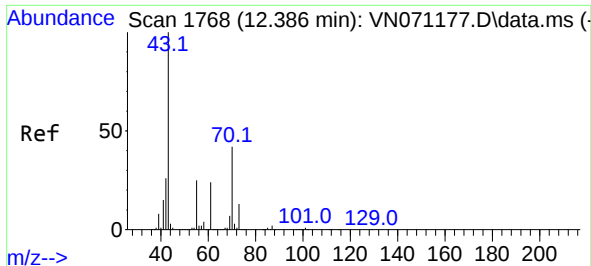
Tgt Ion:152 Resp: 466758
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 157.2 0.0 344.4



#73
Isopropylbenzene
Concen: 0.351 ug/l
RT: 12.568 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

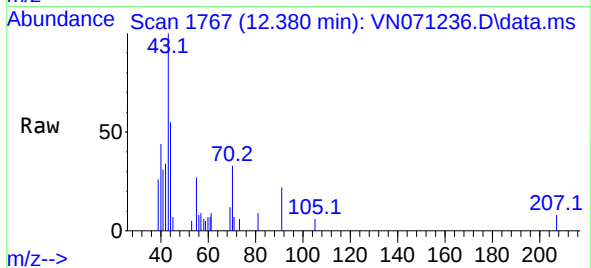
Tgt Ion:105 Resp: 15798
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1





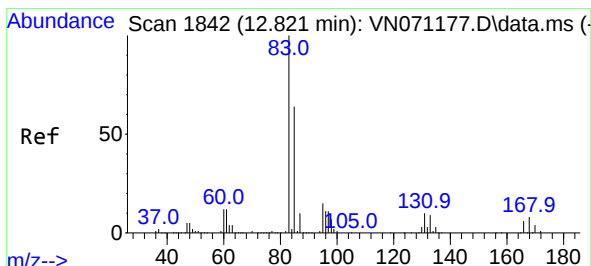
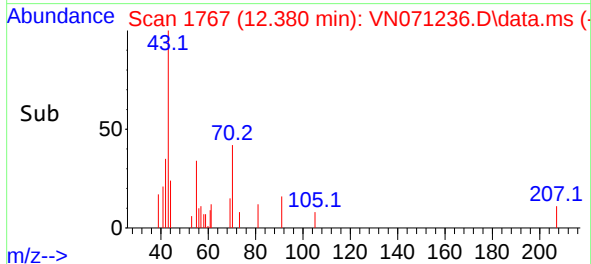
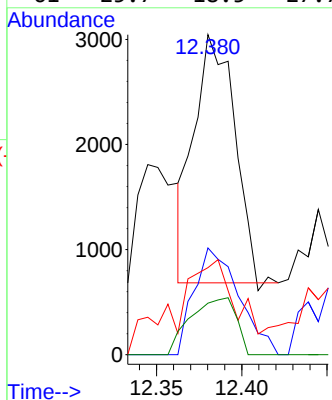
#74
N-amy1 acetate
Concen: 0.231 ug/l
RT: 12.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 3911

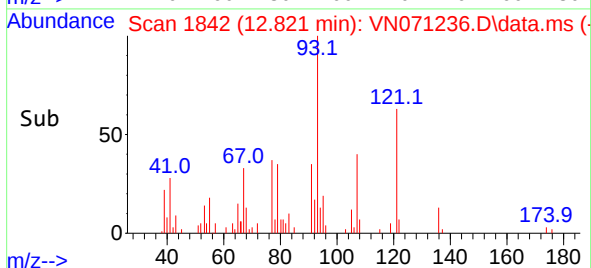
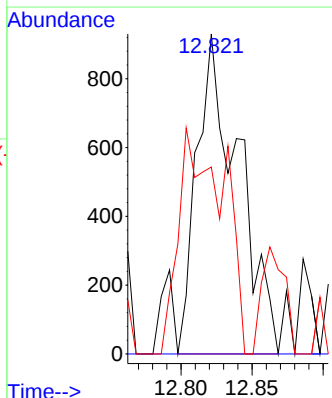
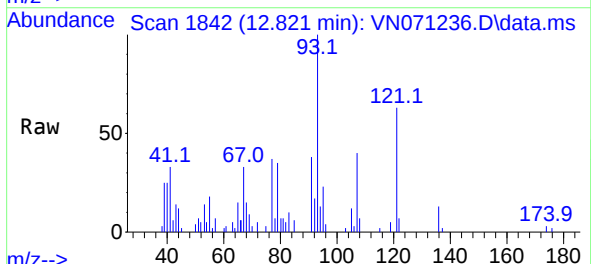
Ion	Ratio	Lower	Upper
43	100		
70	47.6	33.4	50.0
55	45.2	19.3	28.9#
61	25.7	18.5	27.7

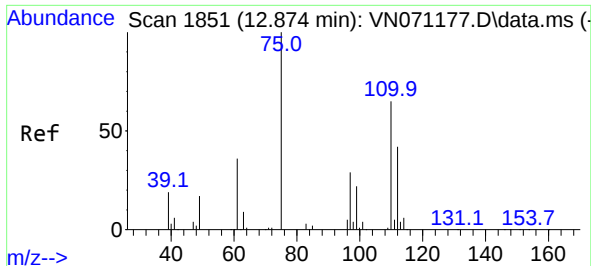


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 83 Resp: 1900

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	0.0	32.4	97.2#

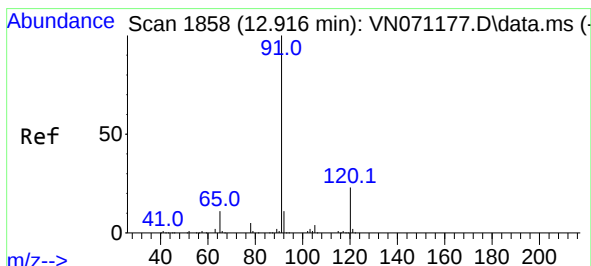
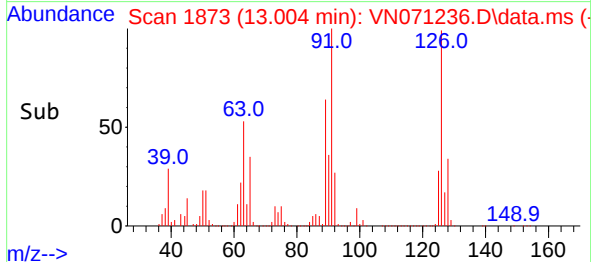
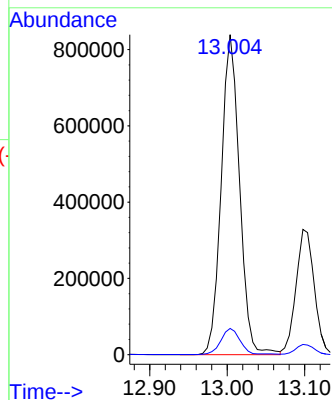
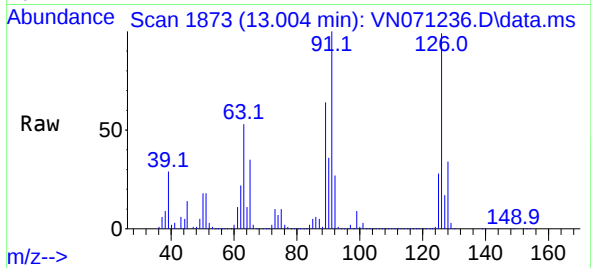




#76
1,2,3-Trichloropropane
Concen: 126.212 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.130 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

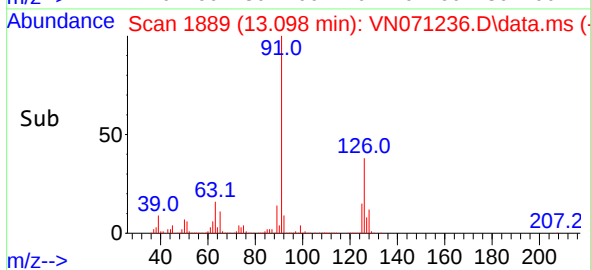
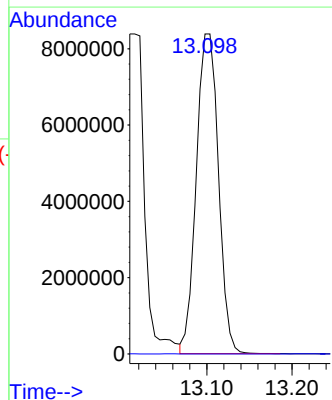
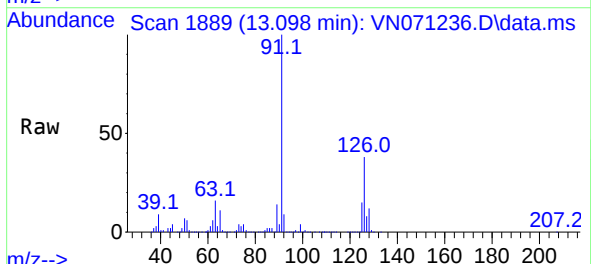
Instrument :
MSVOA_N
ClientSampleId :

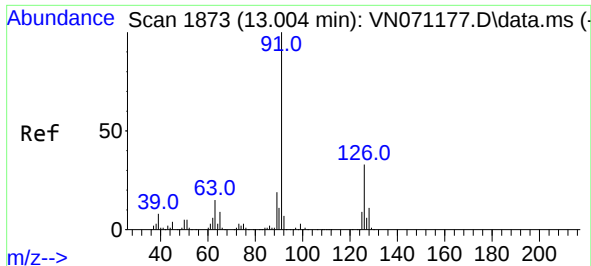
Tgt Ion: 75 Resp: 1379144
Ion Ratio Lower Upper
75 100
77 8.5 82.6 247.8#



#78
n-propylbenzene
Concen: 312.681 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.182 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 91 Resp:15097025
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.9#

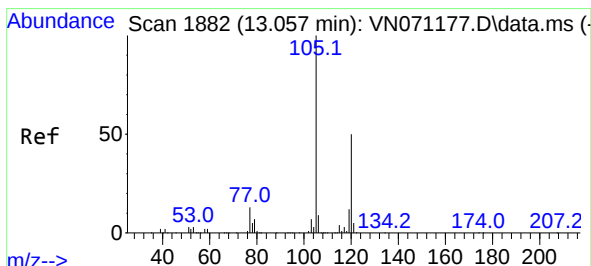
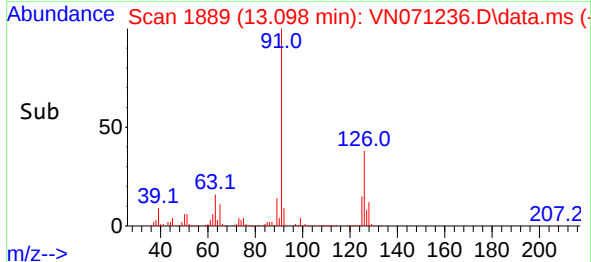
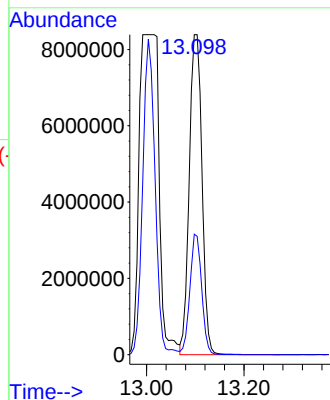
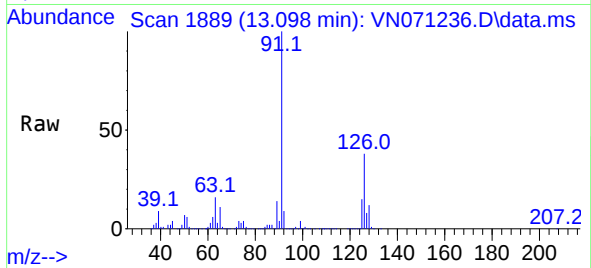




#79
2-Chlorotoluene
Concen: 489.067 ug/l
RT: 13.098 min Scan# 11
Delta R.T. 0.094 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

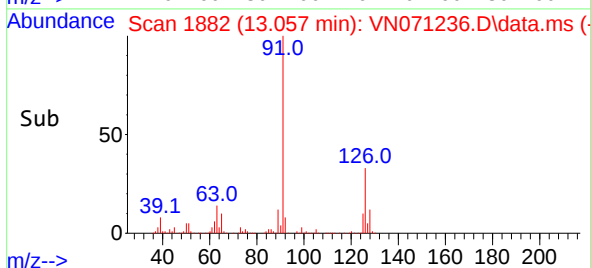
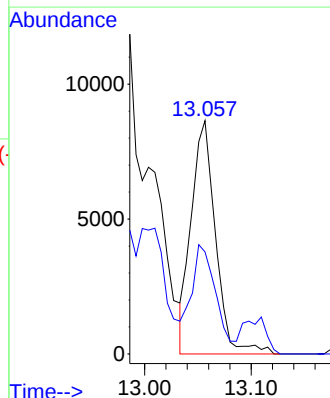
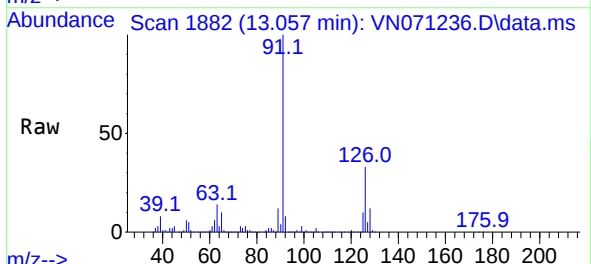
Instrument :
MSVOA_N
ClientSampleId :

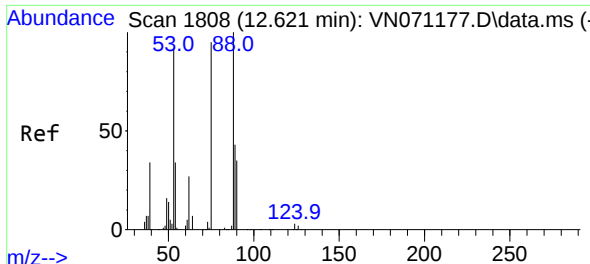
Tgt Ion: 91 Resp:15158037
Ion Ratio Lower Upper
91 100
126 34.9 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 0.392 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion:105 Resp: 13713
Ion Ratio Lower Upper
105 100
120 37.3 24.6 73.6

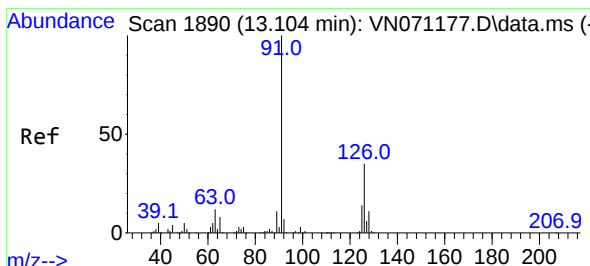
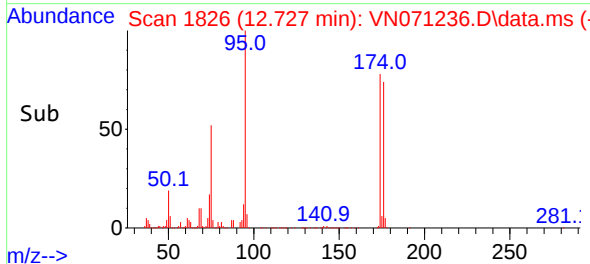
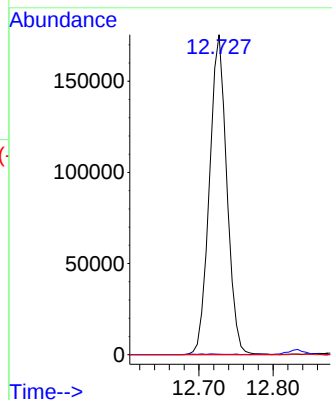
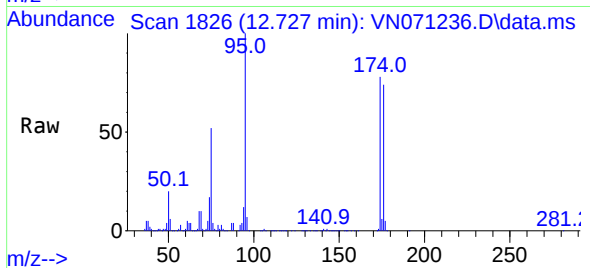




#81
trans-1,4-Dichloro-2-butene
Concen: 66.207 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

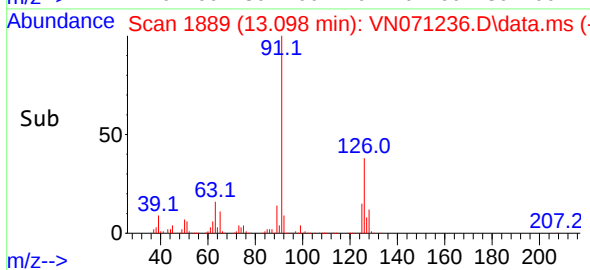
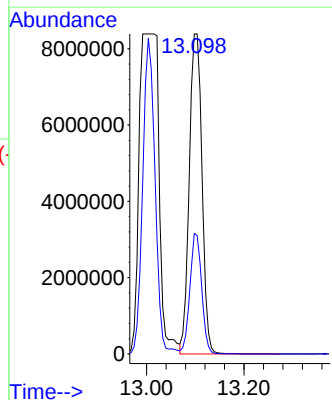
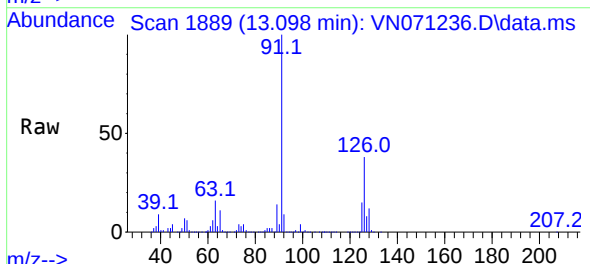
Instrument :
MSVOA_N
ClientSampleId :

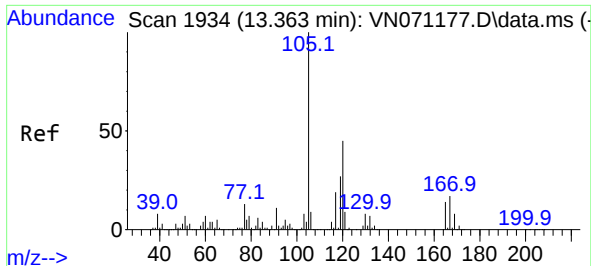
Tgt Ion: 75 Resp: 285871
Ion Ratio Lower Upper
75 100
53 0.4 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 549.064 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 91 Resp:15158037
Ion Ratio Lower Upper
91 100
126 34.9 18.2 54.6

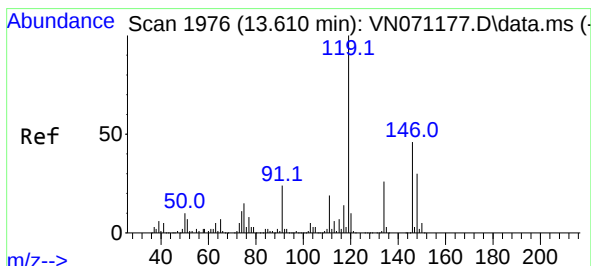
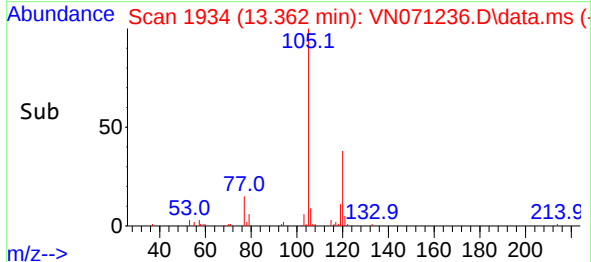
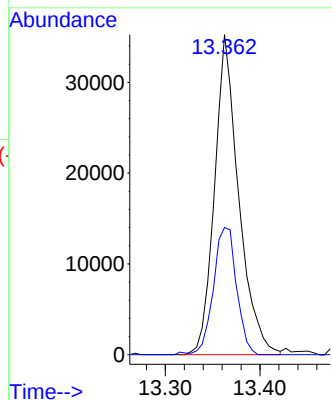
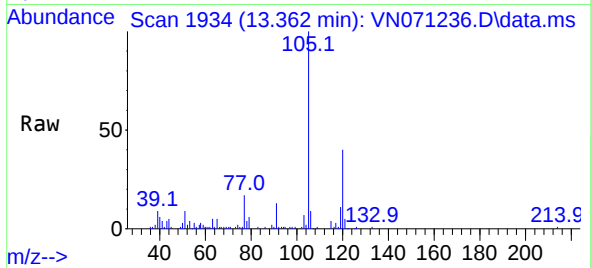




#84
1,2,4-Trimethylbenzene
Concen: 1.863 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

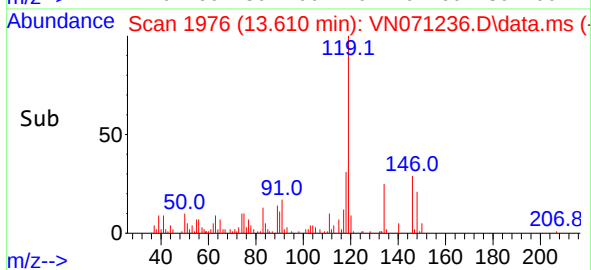
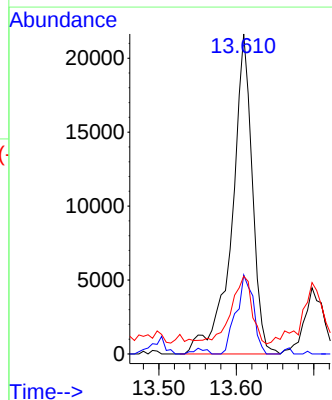
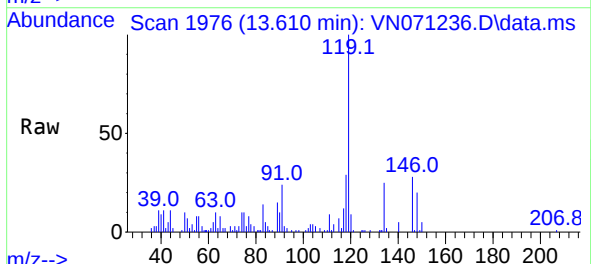
Instrument :
MSVOA_N
ClientSampleId :

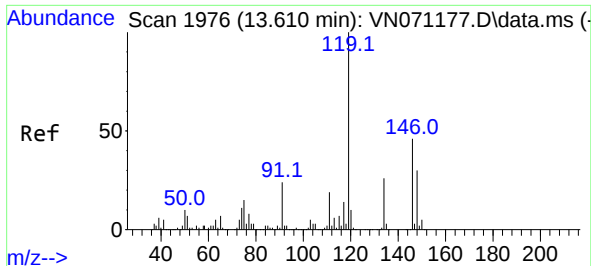
Tgt Ion:105 Resp: 62478
Ion Ratio Lower Upper
105 100
120 38.2 22.8 68.4



#86
p-Isopropyltoluene
Concen: 1.208 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

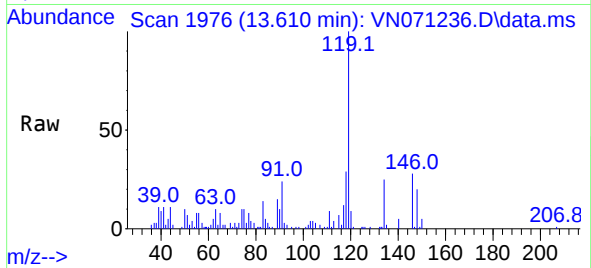
Tgt Ion:119 Resp: 39458
Ion Ratio Lower Upper
119 100
134 20.9 13.6 40.7
91 21.8 11.4 34.1



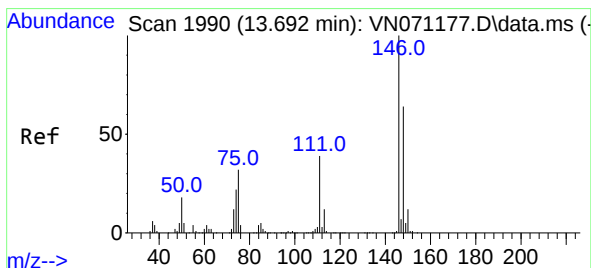
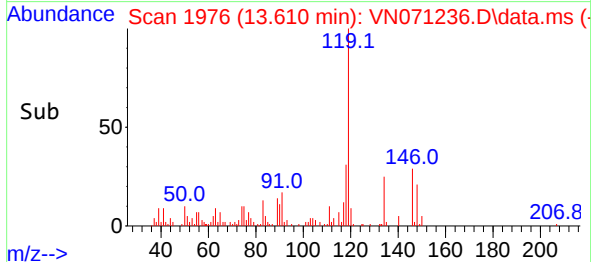
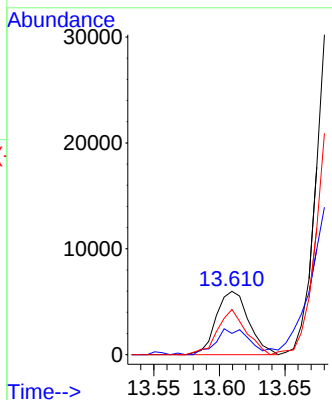


#87
1,3-Dichlorobenzene
Concen: 0.603 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :

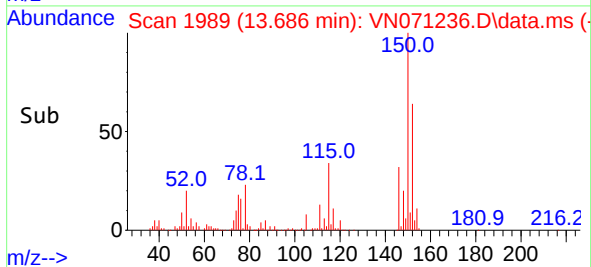
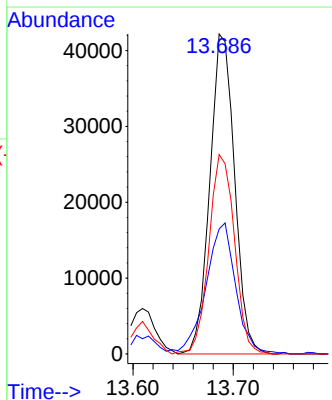
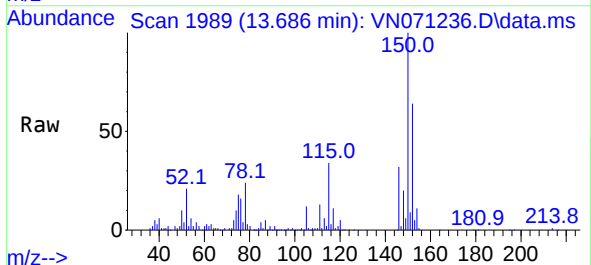


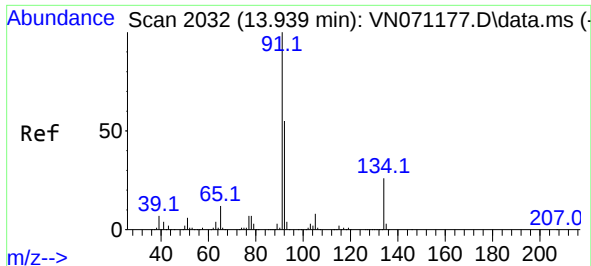
Tgt Ion:146 Resp: 10281
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 62.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.339 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion:146 Resp: 72309
Ion Ratio Lower Upper
146 100
111 49.0 18.3 54.8
148 64.6 31.8 95.4

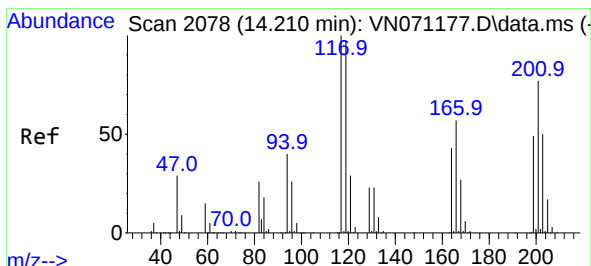
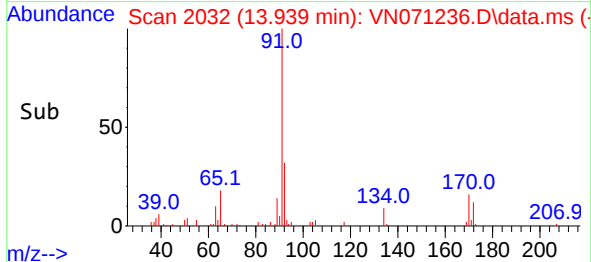
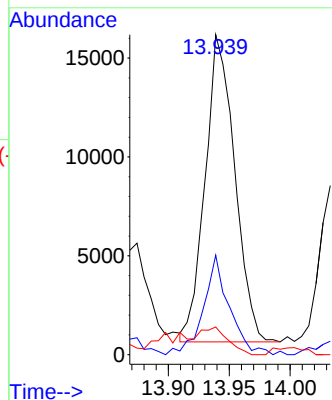
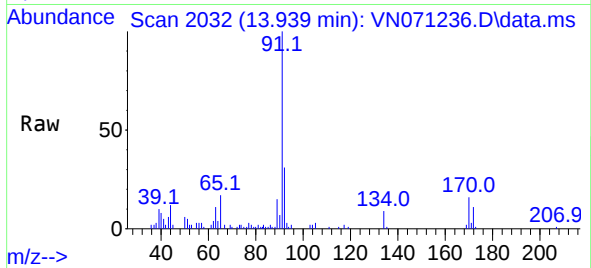




#89
n-Butylbenzene
Concen: 1.028 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

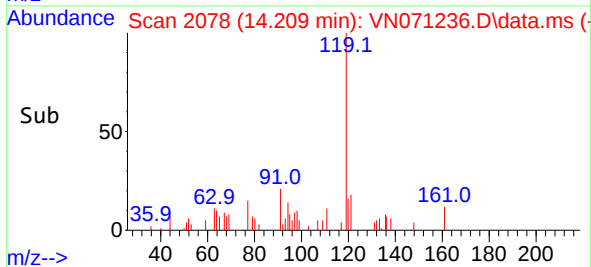
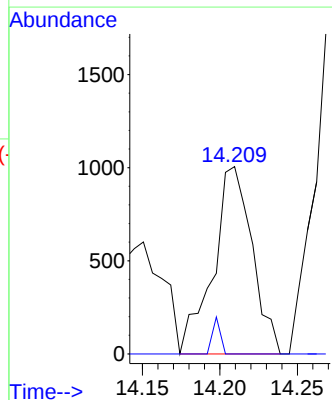
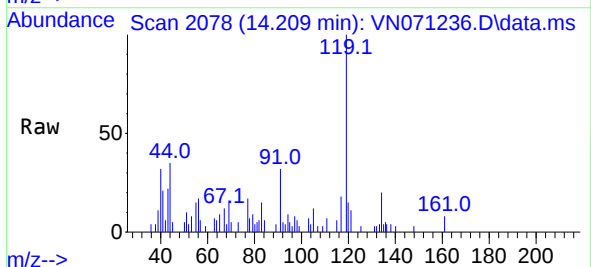
Instrument :
MSVOA_N
ClientSampleId :

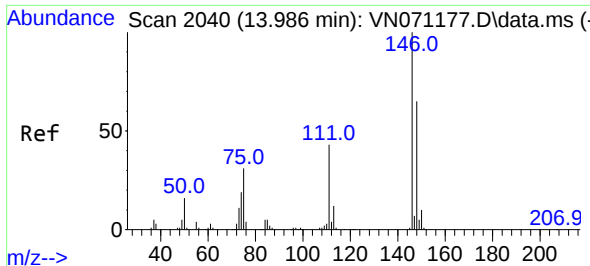
Tgt Ion: 91 Resp: 26259
Ion Ratio Lower Upper
91 100
92 28.4 25.4 76.0
134 8.2 13.6 40.8#



#90
Hexachloroethane
Concen: 0.271 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

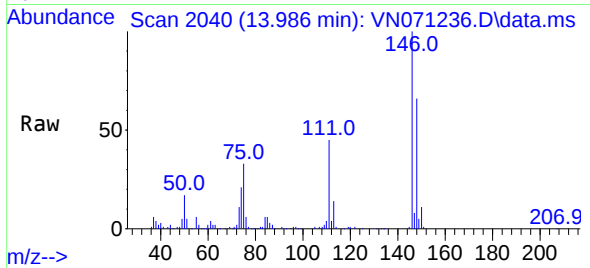
Tgt Ion: 117 Resp: 1759
Ion Ratio Lower Upper
117 100
201 4.0 43.9 131.6#



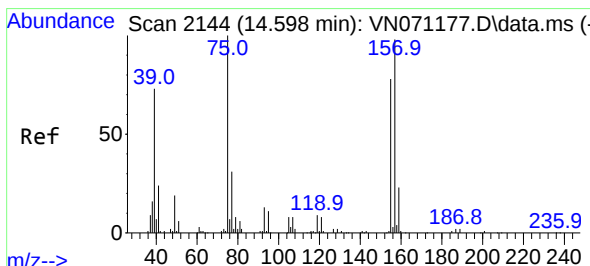
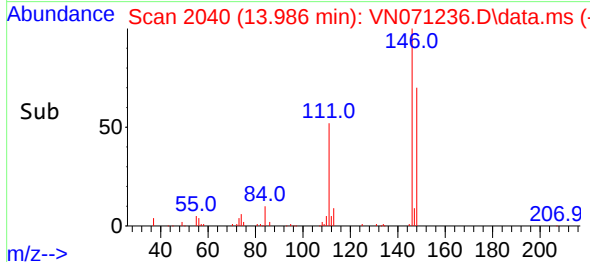
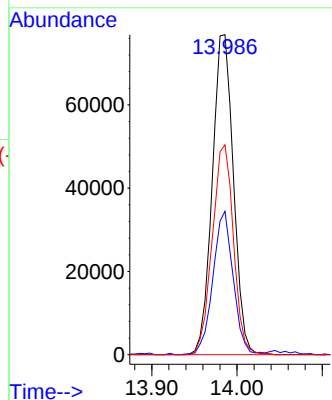


#91
1,2-Dichlorobenzene
Concen: 8.117 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :

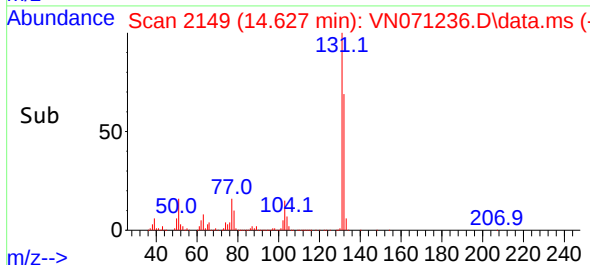
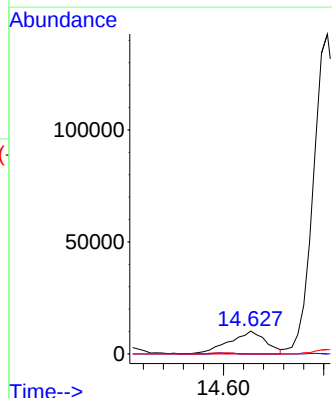
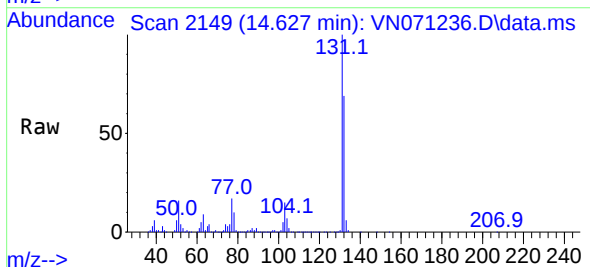


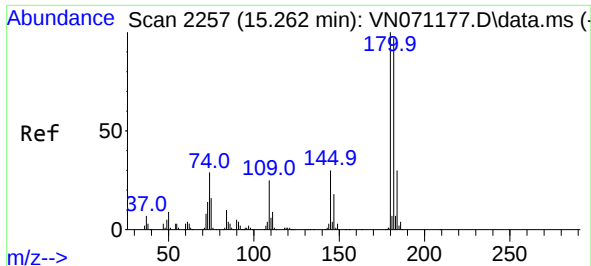
Tgt Ion:146 Resp: 133030
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 65.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.902 ug/l
RT: 14.627 min Scan# 2149
Delta R.T. 0.029 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion: 75 Resp: 25923
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#

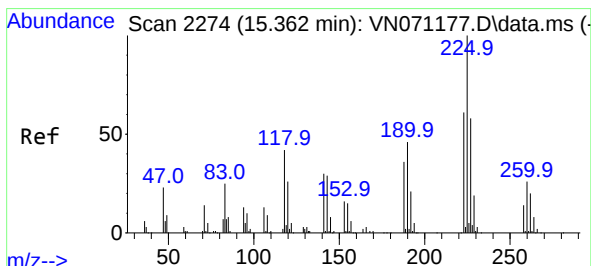
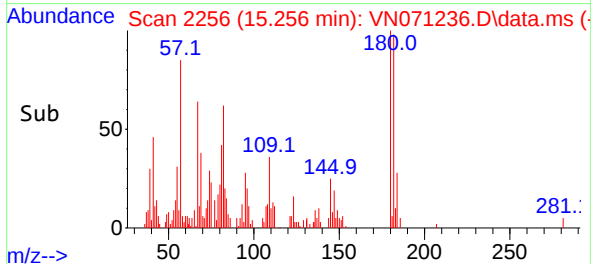
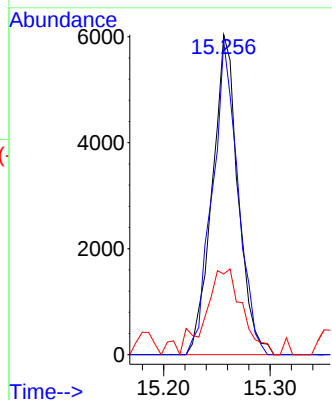
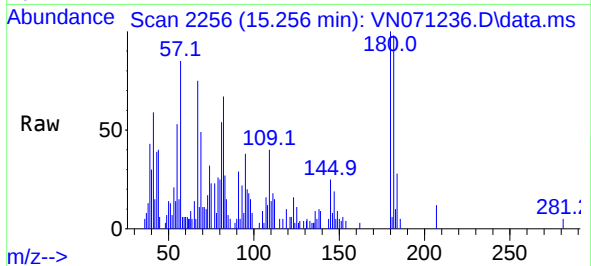




#93
1,2,4-Trichlorobenzene
Concen: 4.239 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

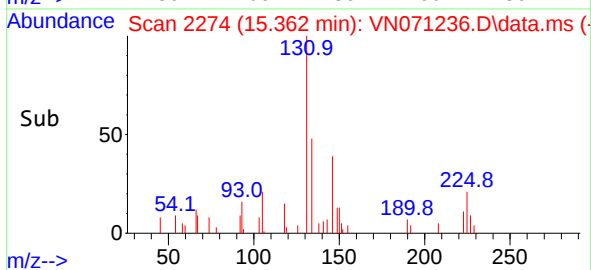
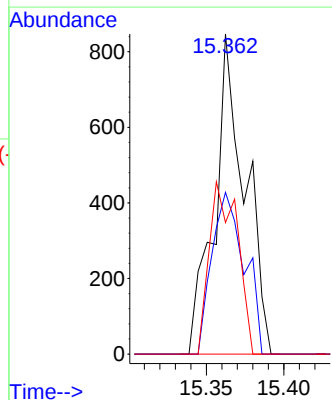
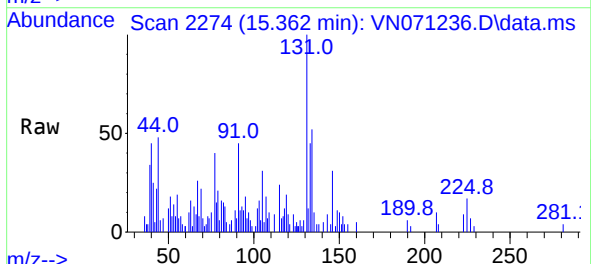
Instrument :
MSVOA_N
ClientSampleId :

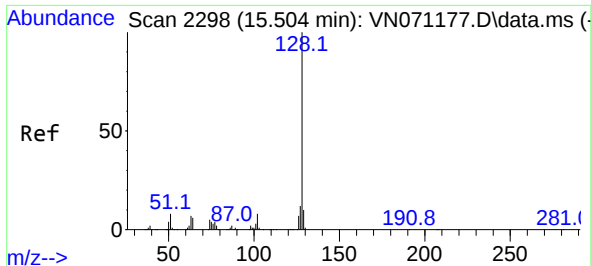
Tgt Ion:	180	Resp:	10171
Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.3	144.9
145	39.6	14.5	43.5



#94
Hexachlorobutadiene
Concen: 0.252 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion:	225	Resp:	1159
Ion	Ratio	Lower	Upper
225	100		
223	53.9	31.9	95.7
227	49.6	32.1	96.3

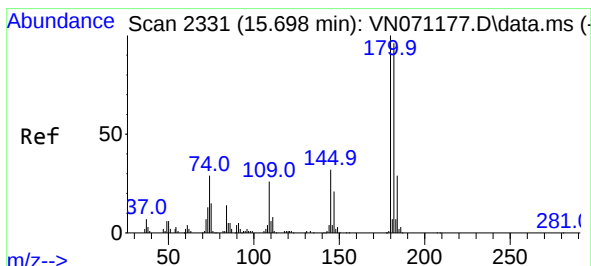
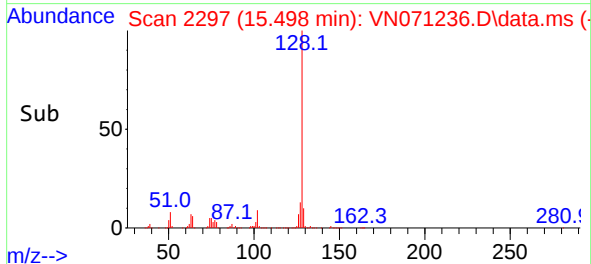
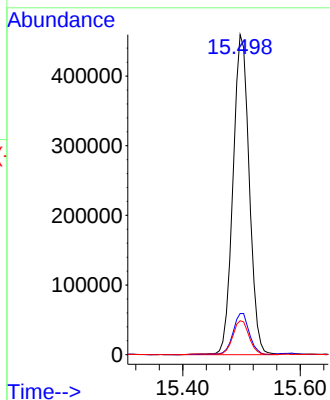
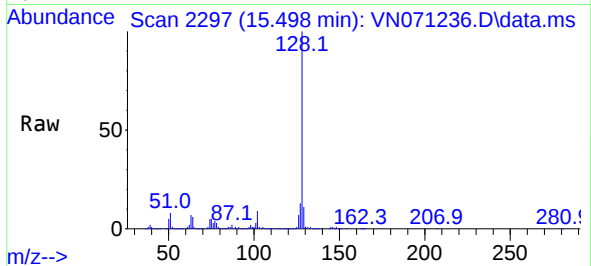




#95
Naphthalene
Concen: 42.096 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 881668
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.901 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071236.D
Acq: 10 Mar 2022 17:46

Tgt Ion:180 Resp: 9062
Ion Ratio Lower Upper
180 100
182 98.1 47.4 142.2
145 0.0 15.0 45.1#

