

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071126.D
 Acq On : 01 Mar 2022 18:12
 Operator : JC\MD
 Sample : N1689-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-42

Quant Time: Mar 02 03:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

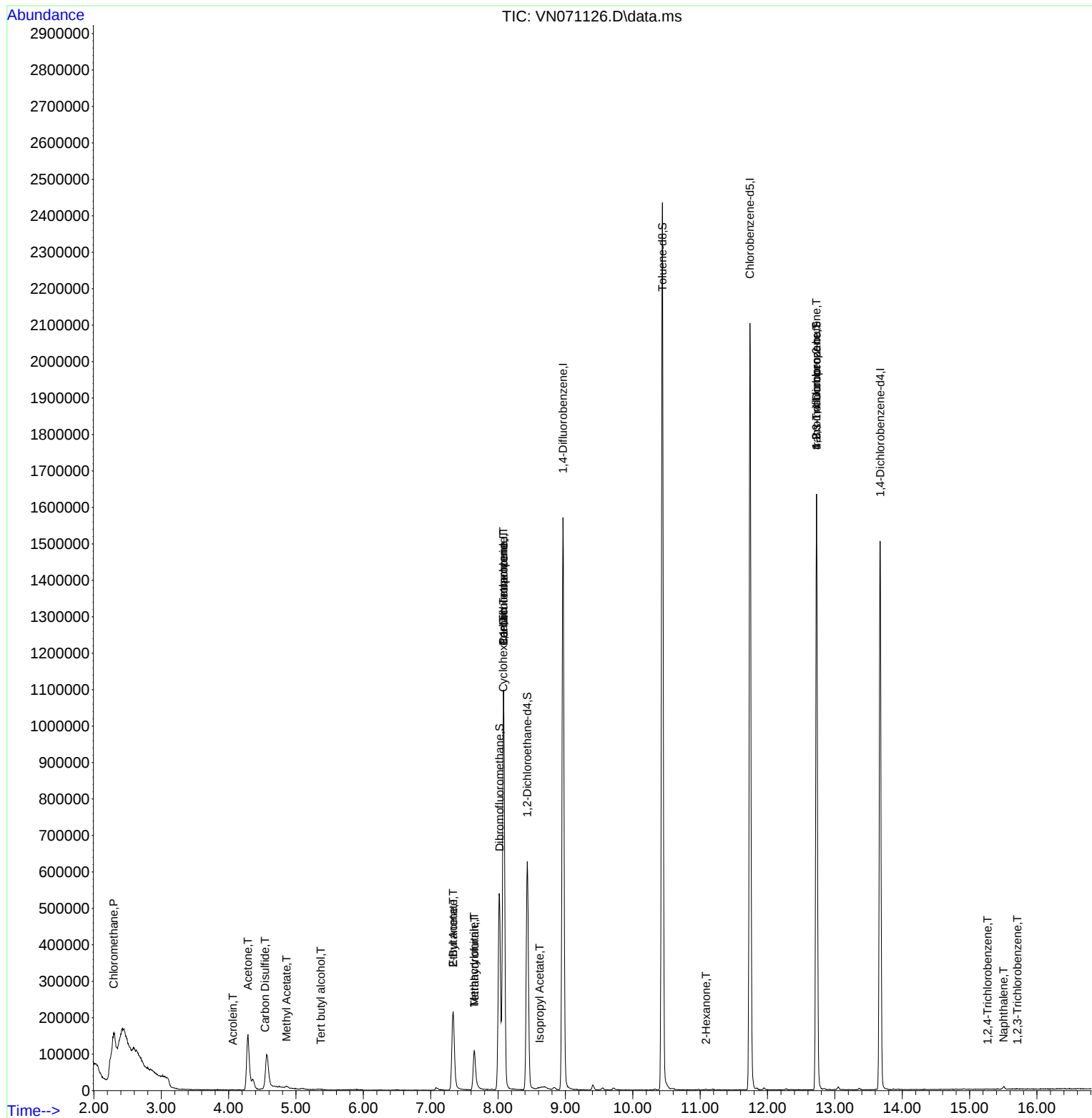
Internal Standards						
1) Pentafluorobenzene	8.080	168	854532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1363045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1214163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	432997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	528082	54.099	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.200%	
35) Dibromofluoromethane	8.022	113	399435	49.268	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.540%	
50) Toluene-d8	10.439	98	1649501	50.662	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.320%	
62) 4-Bromofluorobenzene	12.727	95	579407	49.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	11658	1.045	ug/l #	59
11) Tert butyl alcohol	5.369	59	2326	1.307	ug/l #	71
13) Acrolein	4.063	56	528	0.332	ug/l #	64
16) Acetone	4.287	43	284708	52.960	ug/l	94
17) Carbon Disulfide	4.540	76	12451	0.519	ug/l	98
18) Methyl Acetate	4.857	43	10246	0.271	ug/l	95
25) 2-Butanone	7.333	43	385072	53.845	ug/l	97
29) Tetrahydrofuran	7.651	42	4567	0.986	ug/l #	35
31) Cyclohexane	8.075	56	17241	1.021	ug/l #	20
36) 1,1-Dichloropropene	8.080	75	65235	4.911	ug/l #	50
37) Ethyl Acetate	7.333	43	385072	27.032	ug/l #	68
38) Carbon Tetrachloride	8.080	117	83133	6.352	ug/l #	16
41) Methacrylonitrile	7.645	41	22941	3.058	ug/l #	35
43) Isopropyl Acetate	8.616	43	7183	0.320	ug/l #	55
59) 2-Hexanone	11.086	43	2768	0.295	ug/l #	47
76) 1,2,3-Trichloropropane	12.727	75	295342	28.969	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	295342	93.874	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	717	2.085	ug/l #	39
95) Naphthalene	15.504	128	7009	5.316	ug/l	98
96) 1,2,3-Trichlorobenzene	15.709	180	623	2.596	ug/l #	83

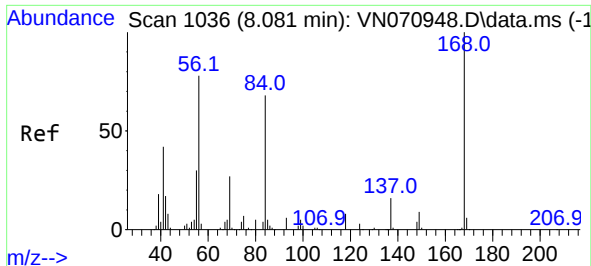
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
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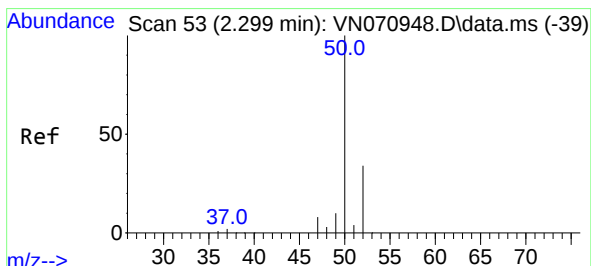
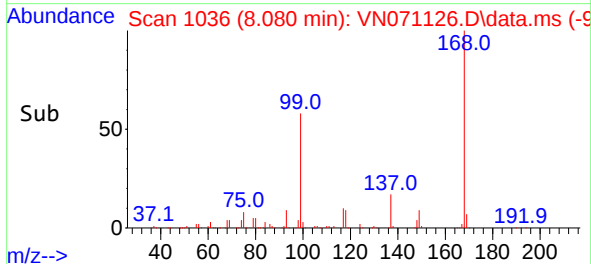
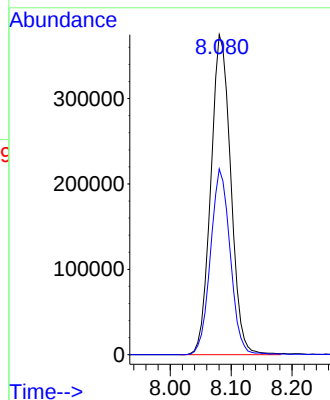
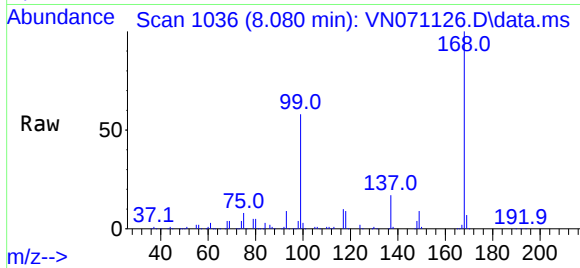




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

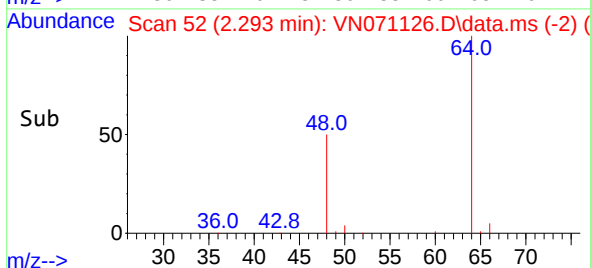
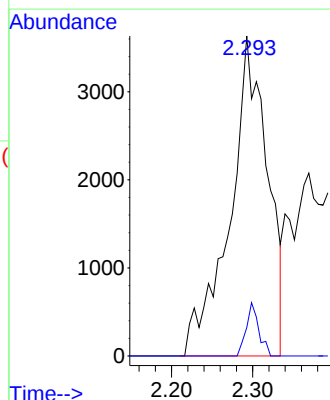
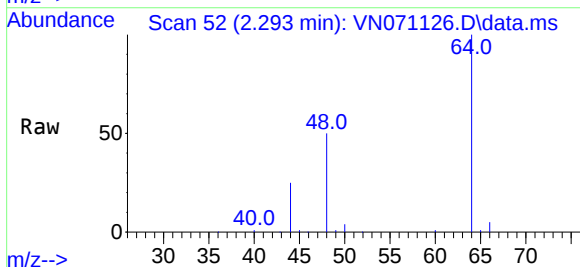
Instrument :
MSVOA_N
ClientSampleId :
MW-42

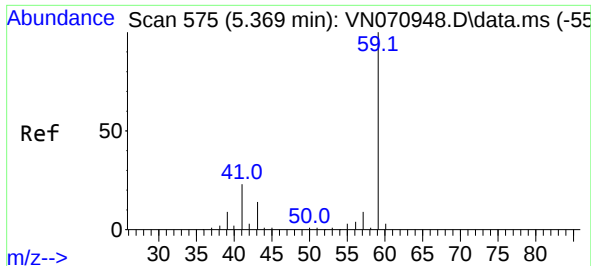
Tgt Ion:168 Resp: 854532
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#3
Chloromethane
Concen: 1.045 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion: 50 Resp: 11658
Ion Ratio Lower Upper
50 100
52 8.8 25.4 38.0#

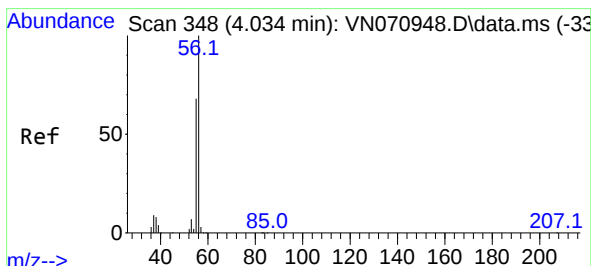
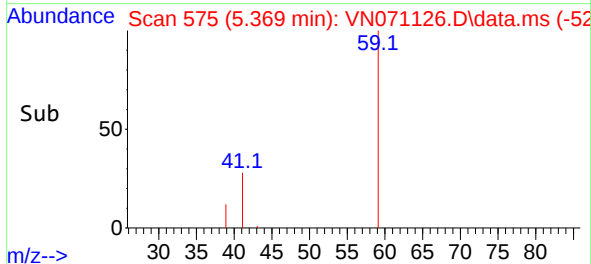
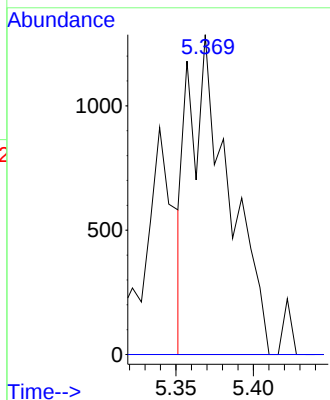
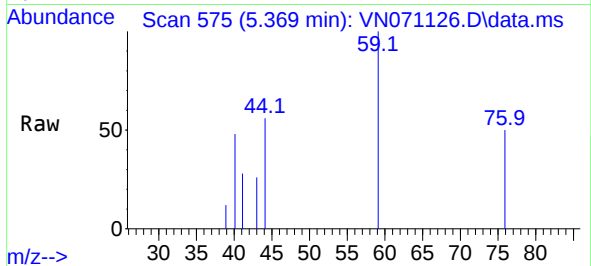




#11
Tert butyl alcohol
Concen: 1.307 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

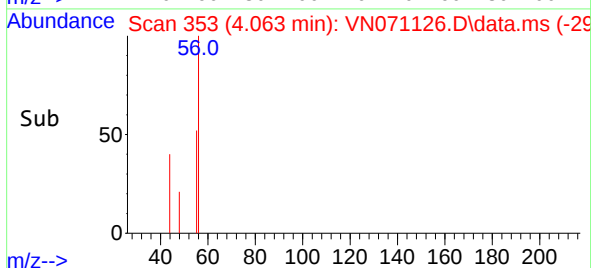
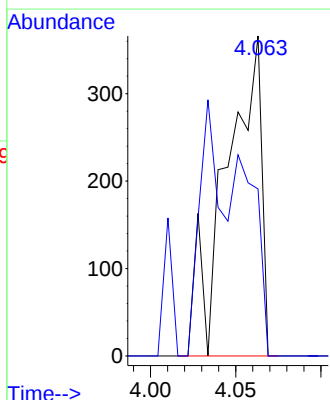
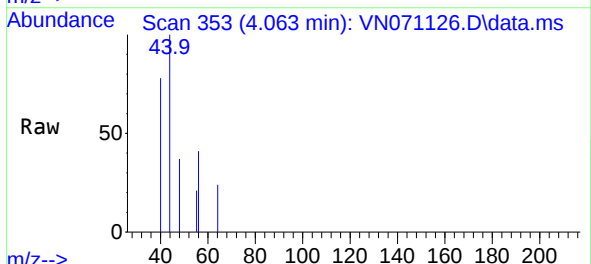
Instrument :
MSVOA_N
ClientSampleId :
MW-42

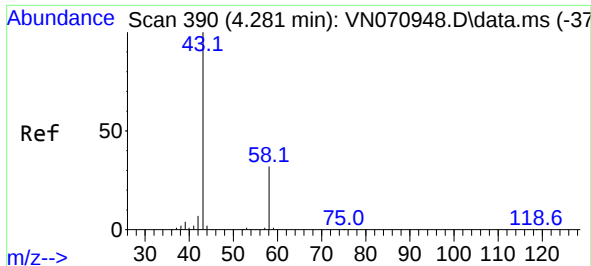
Tgt Ion: 59 Resp: 2326
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.332 ug/l
RT: 4.063 min Scan# 353
Delta R.T. 0.029 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion: 56 Resp: 528
Ion Ratio Lower Upper
56 100
55 41.5 56.6 85.0#

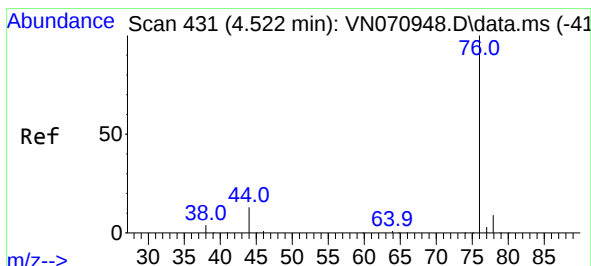
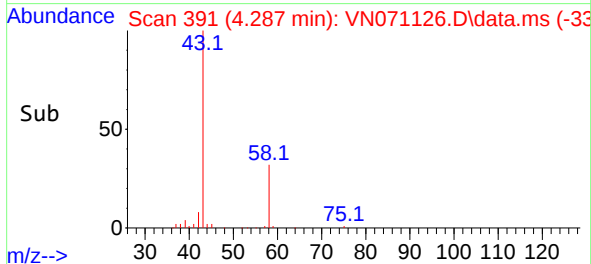
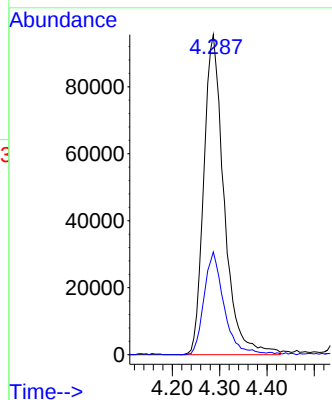
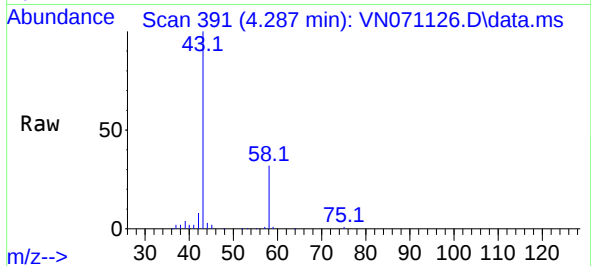




#16
Acetone
Concen: 52.960 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

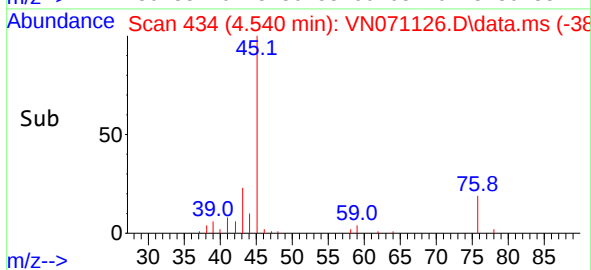
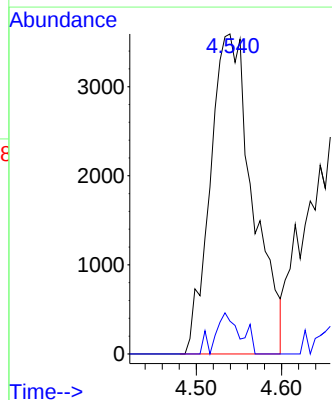
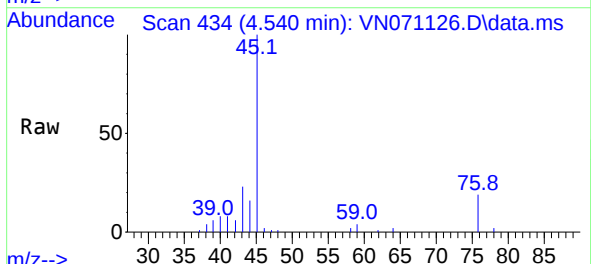
Instrument :
MSVOA_N
ClientSampleId :
MW-42

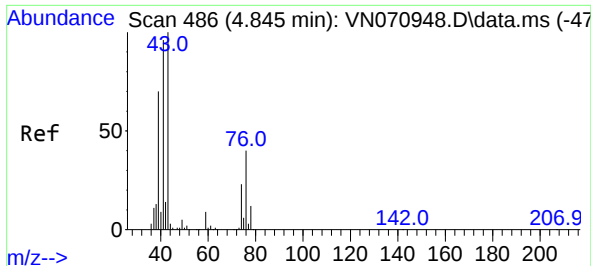
Tgt Ion: 43 Resp: 284708
Ion Ratio Lower Upper
43 100
58 32.1 23.1 34.7



#17
Carbon Disulfide
Concen: 0.519 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.018 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion: 76 Resp: 12451
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3

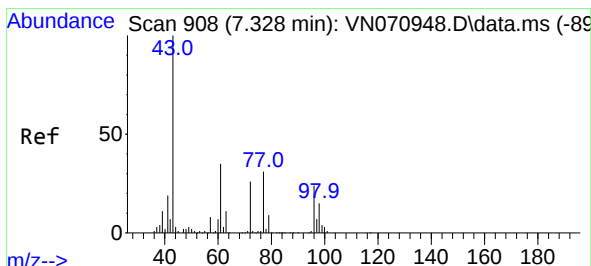
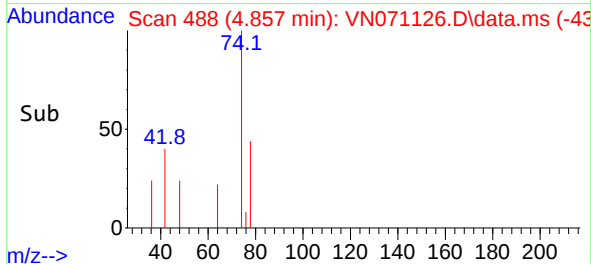
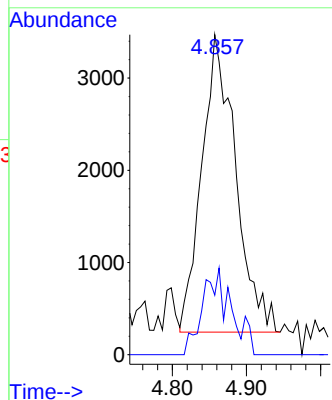
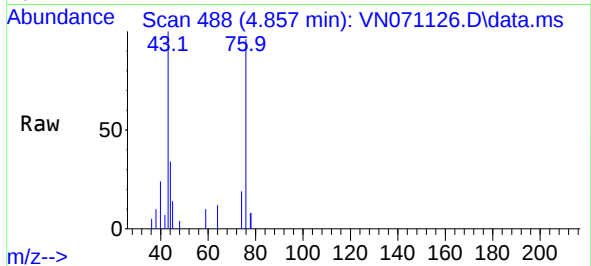




#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

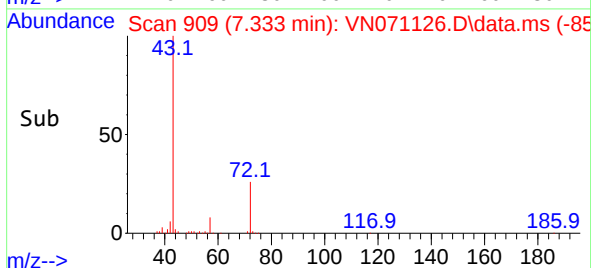
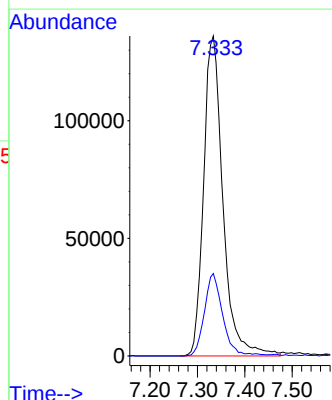
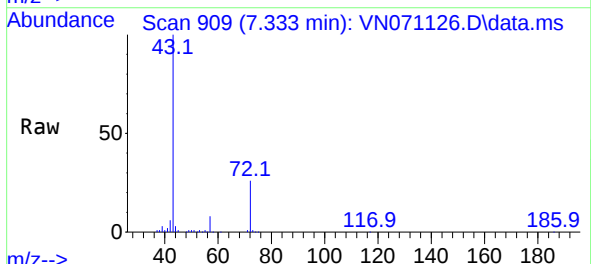
Instrument :
MSVOA_N
ClientSampleId :
MW-42

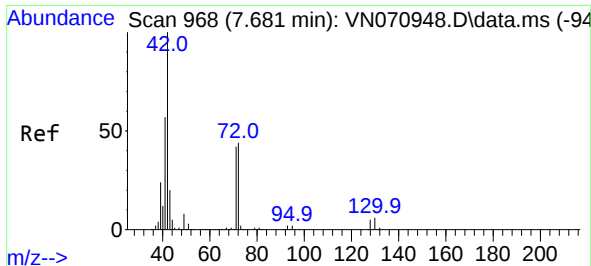
Tgt Ion: 43 Resp: 10246
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2



#25
2-Butanone
Concen: 53.845 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion: 43 Resp: 385072
Ion Ratio Lower Upper
43 100
72 25.8 21.7 32.5





#29

Tetrahydrofuran

Concen: 0.986 ug/l

RT: 7.651 min Scan# 91

Delta R.T. -0.030 min

Lab File: VN071126.D

Acq: 01 Mar 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

MW-42

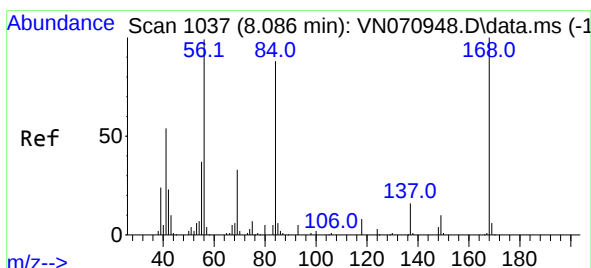
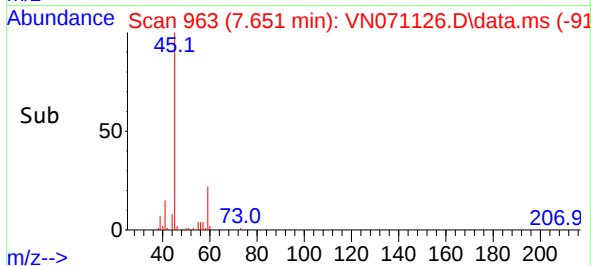
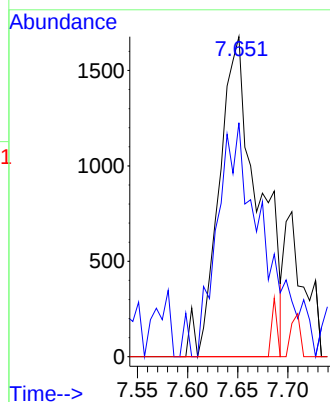
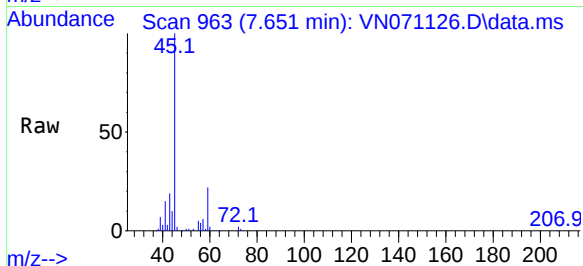
Tgt Ion: 42 Resp: 4567

Ion Ratio Lower Upper

42 100

72 86.9 36.3 54.5#

71 0.0 34.7 52.1#



#31

Cyclohexane

Concen: 1.021 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.012 min

Lab File: VN071126.D

Acq: 01 Mar 2022 18:12

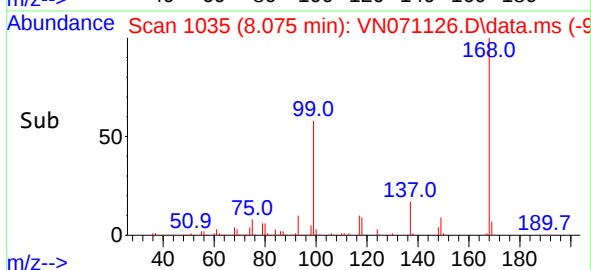
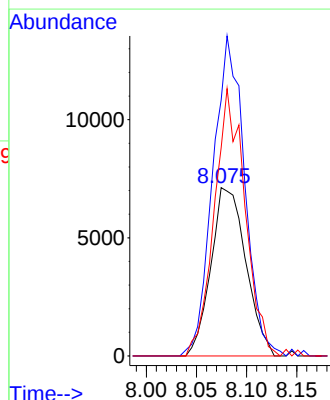
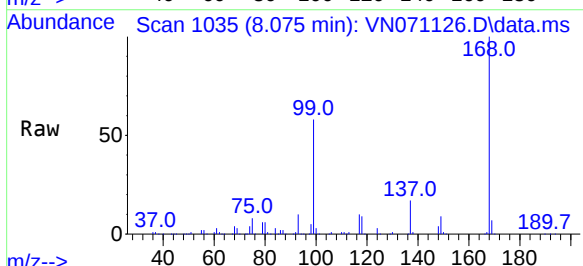
Tgt Ion: 56 Resp: 17241

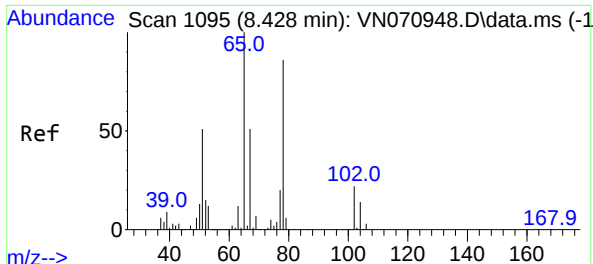
Ion Ratio Lower Upper

56 100

69 152.0 27.1 40.7#

84 123.6 73.4 110.0#

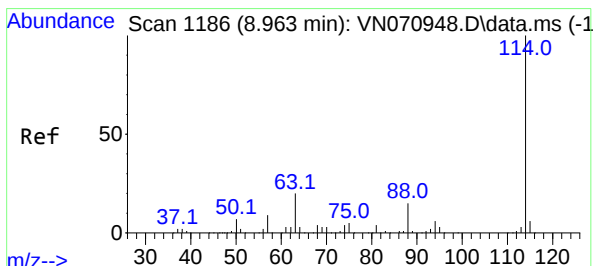
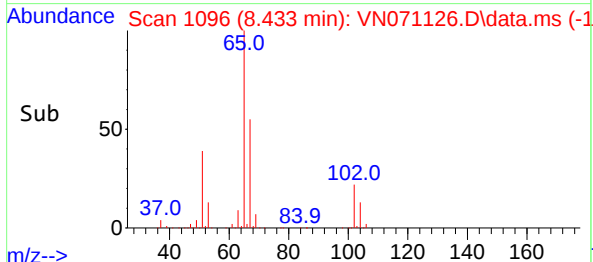
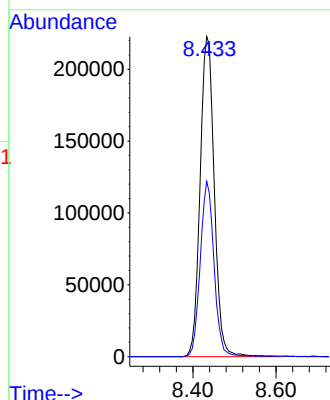
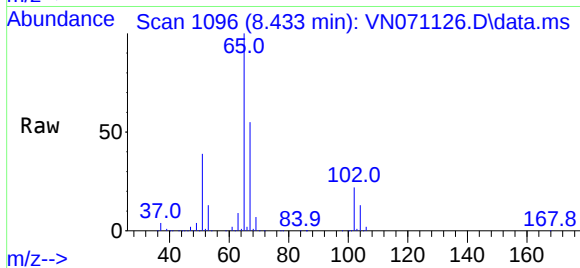




#33
1,2-Dichloroethane-d4
Concen: 54.099 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

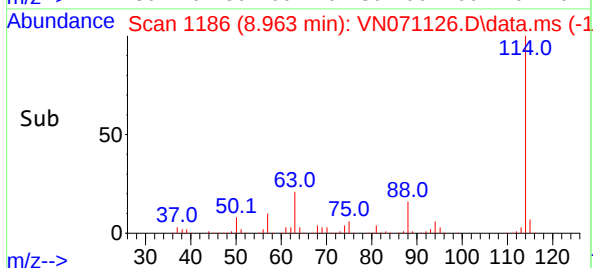
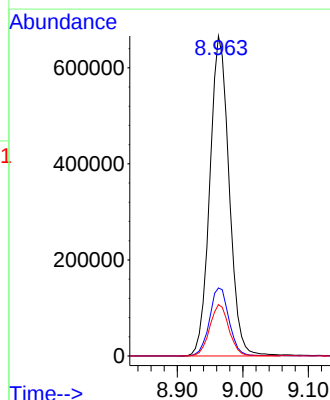
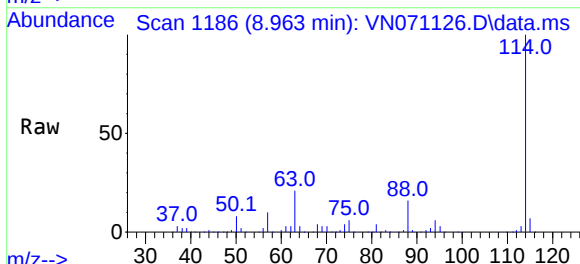
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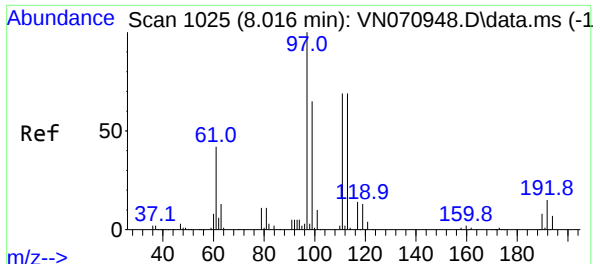
Tgt Ion: 65 Resp: 528082
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion: 114 Resp: 1363045
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 16.0 0.0 27.4

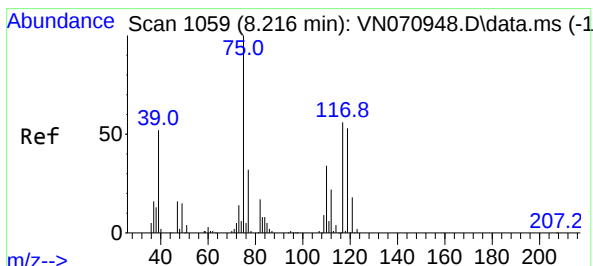
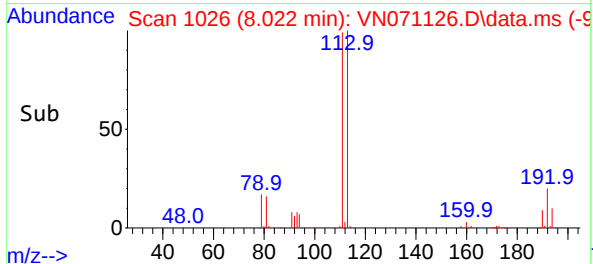
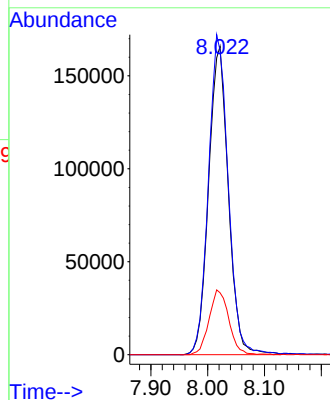
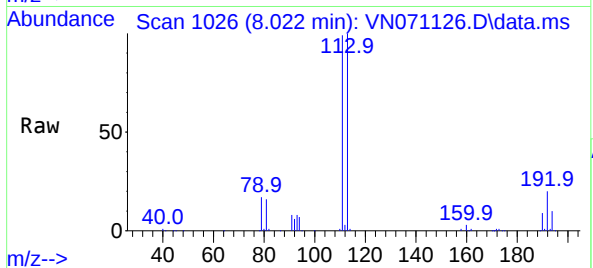




#35
Dibromofluoromethane
Concen: 49.268 ug/l
RT: 8.022 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

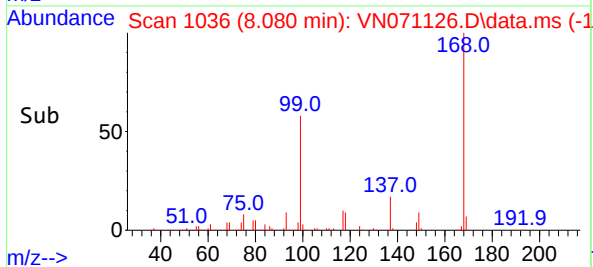
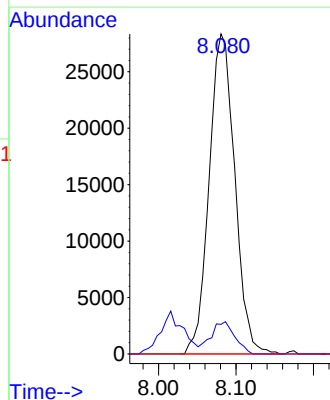
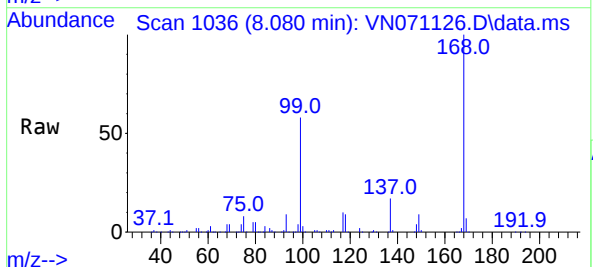
Instrument :
MSVOA_N
ClientSampleId :
MW-42

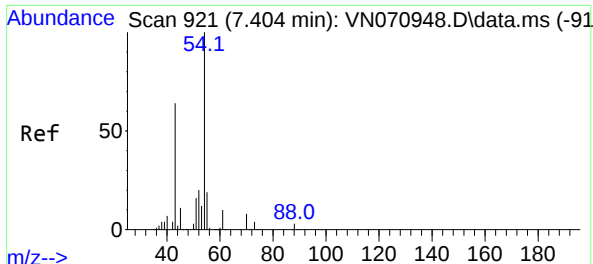
Tgt Ion:113 Resp: 399435
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion: 75 Resp: 65235
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 27.032 ug/l

RT: 7.333 min Scan# 909

Delta R.T. -0.071 min

Lab File: VN071126.D

Acq: 01 Mar 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

MW-42

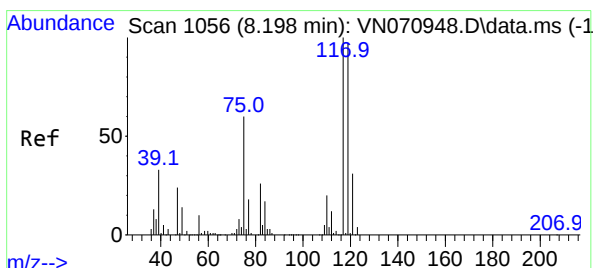
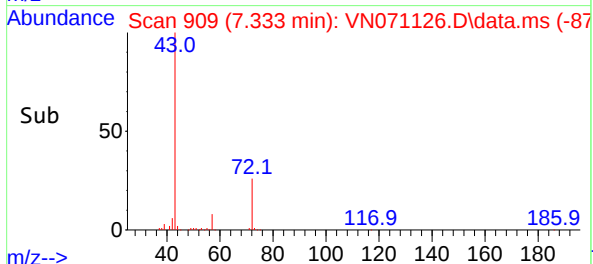
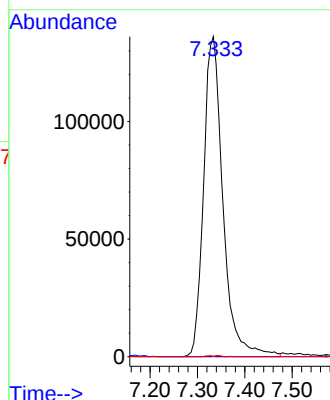
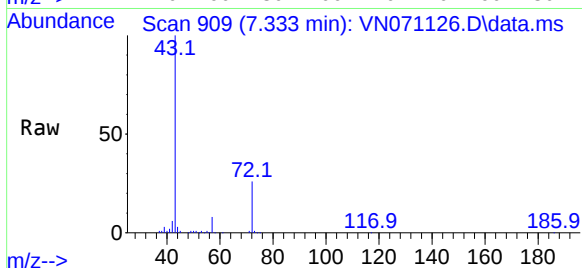
Tgt Ion: 43 Resp: 385072

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.1 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.352 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN071126.D

Acq: 01 Mar 2022 18:12

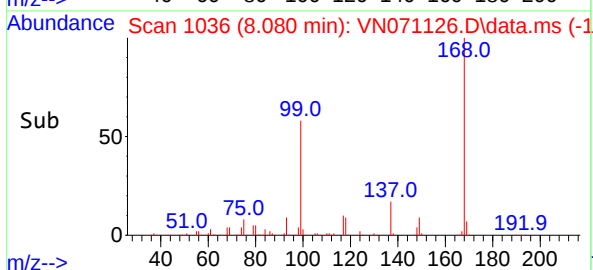
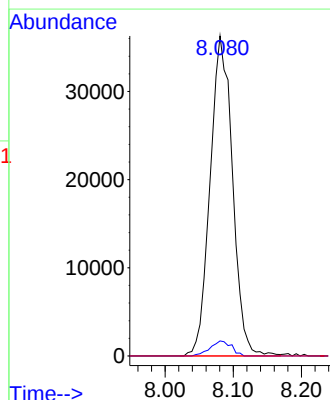
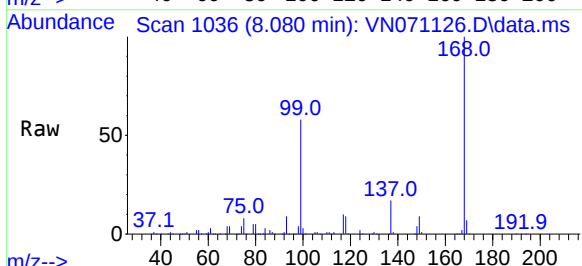
Tgt Ion: 117 Resp: 83133

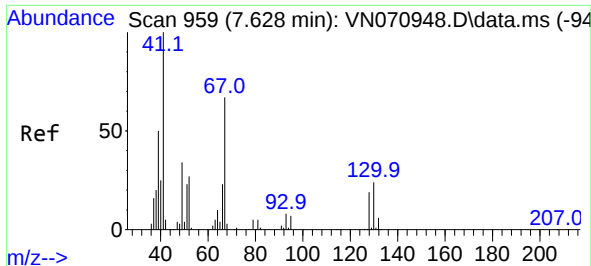
Ion Ratio Lower Upper

117 100

119 4.7 76.1 114.1#

121 0.0 24.2 36.2#

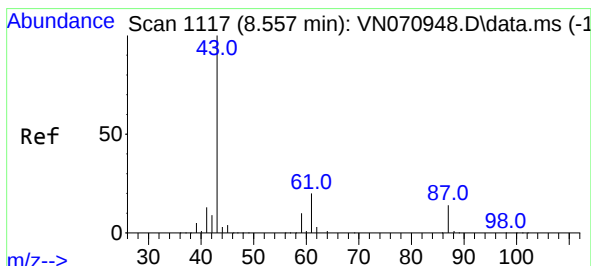
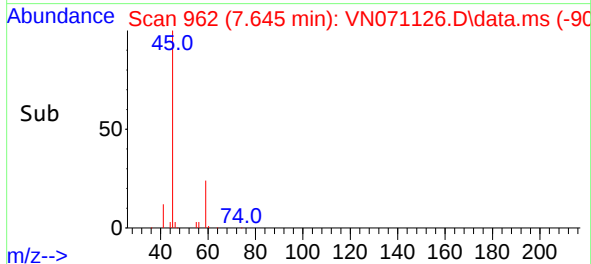
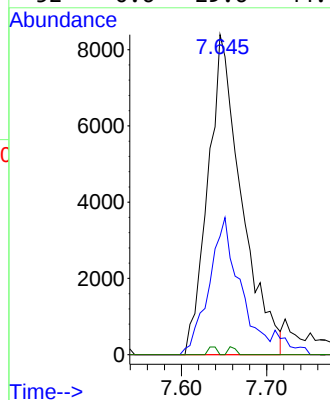
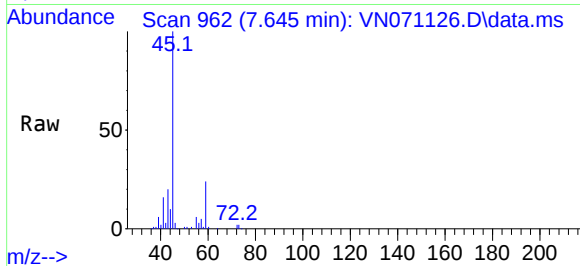




#41
Methacrylonitrile
Concen: 3.058 ug/l
RT: 7.645 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

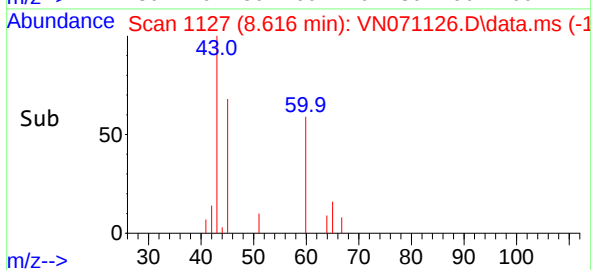
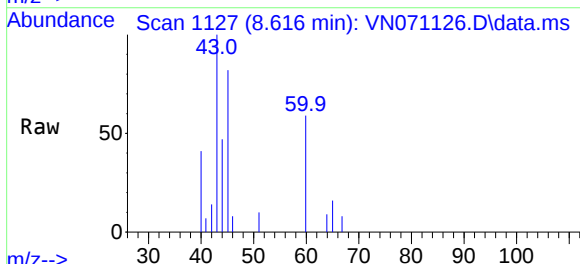
Instrument :
MSVOA_N
ClientSampleId :
MW-42

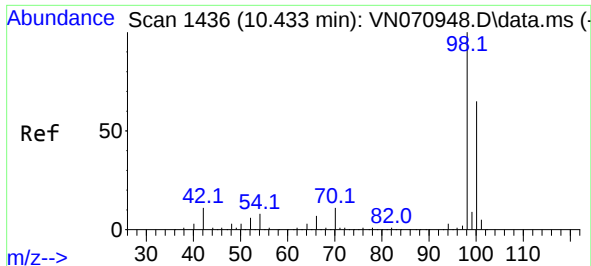
Tgt Ion:	41	Resp:	22941
Ion	Ratio	Lower	Upper
41	100		
39	39.6	48.1	72.1#
67	0.0	68.3	102.5#
52	0.6	29.6	44.4#



#43
Isopropyl Acetate
Concen: 0.320 ug/l
RT: 8.616 min Scan# 1127
Delta R.T. 0.059 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion:	43	Resp:	7183
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#

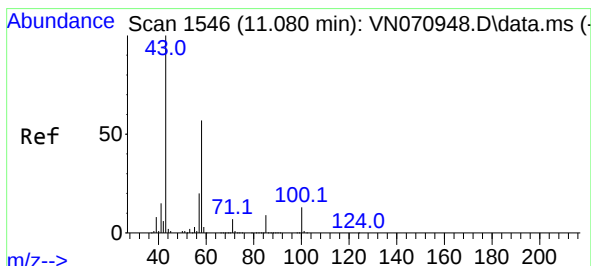
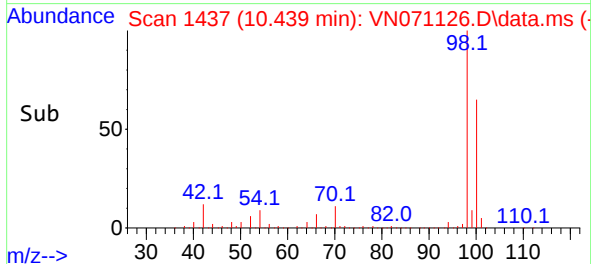
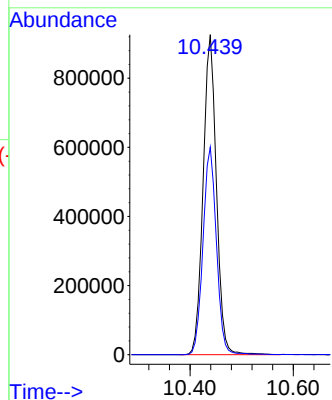
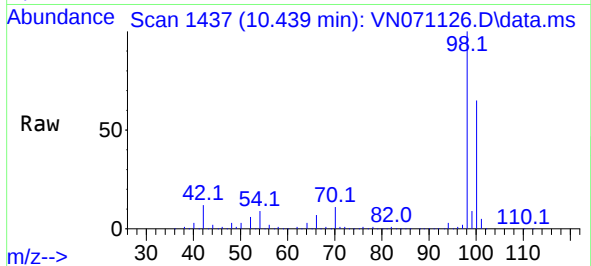




#50
Toluene-d8
Concen: 50.662 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

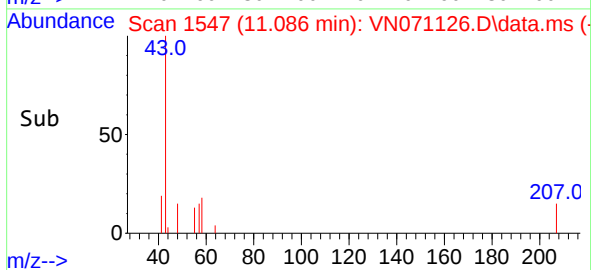
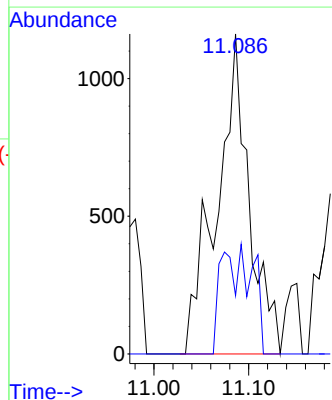
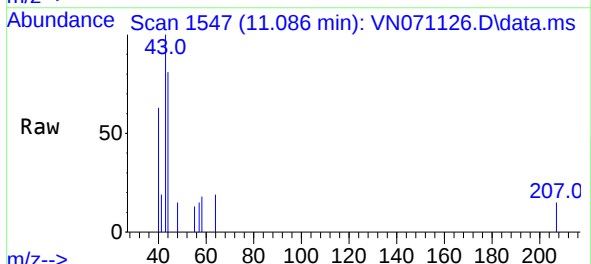
Instrument :
MSVOA_N
ClientSampleId :
MW-42

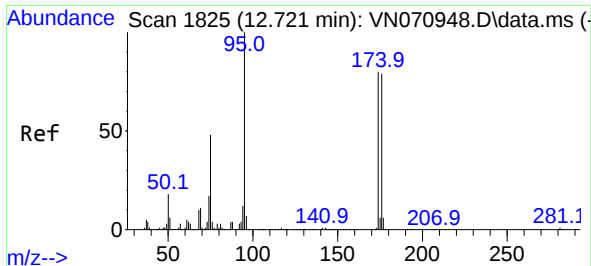
Tgt Ion: 98 Resp: 1649501
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6



#59
2-Hexanone
Concen: 0.295 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
58 16.1 26.9 80.7#

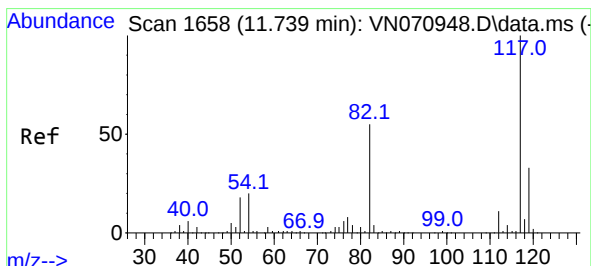
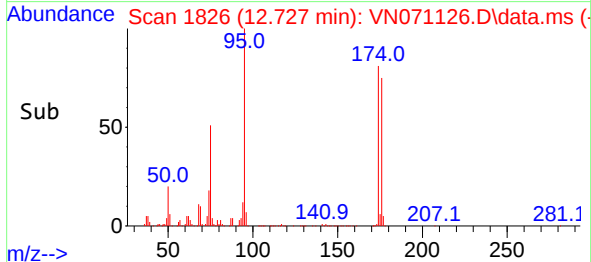
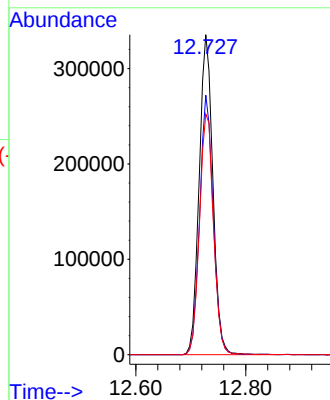
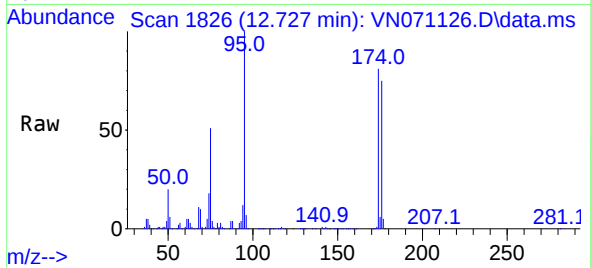




#62
4-Bromofluorobenzene
Concen: 49.786 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

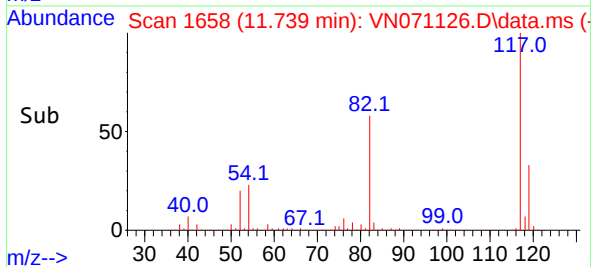
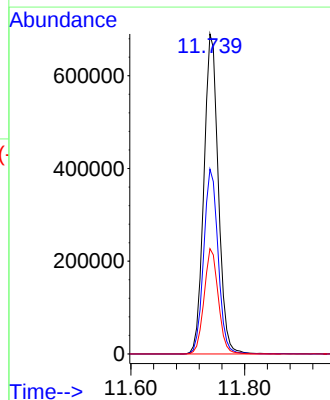
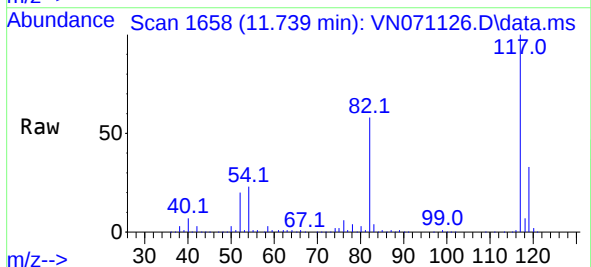
Instrument :
MSVOA_N
ClientSampleId :
MW-42

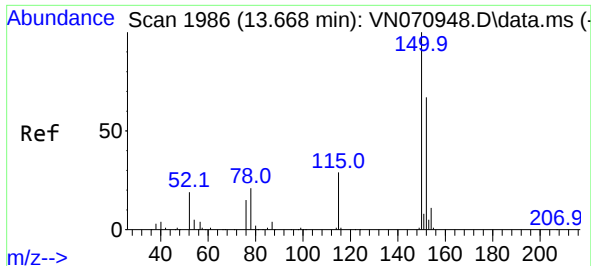
Tgt Ion: 95 Resp: 579407
Ion Ratio Lower Upper
95 100
174 80.2 0.0 187.2
176 76.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion: 117 Resp: 1214163
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.9 25.4 38.2

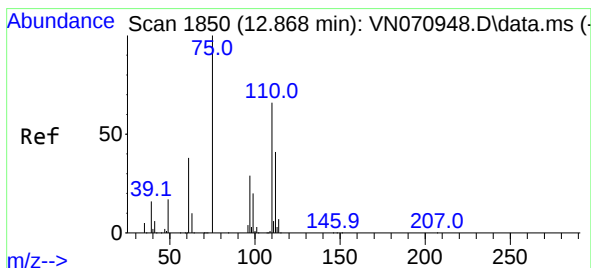
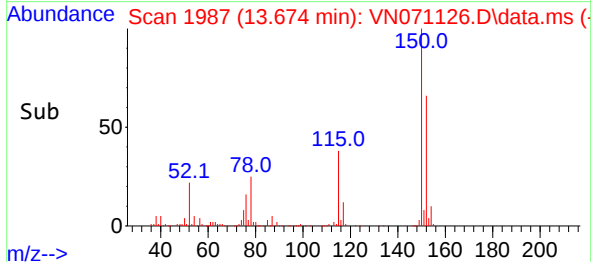
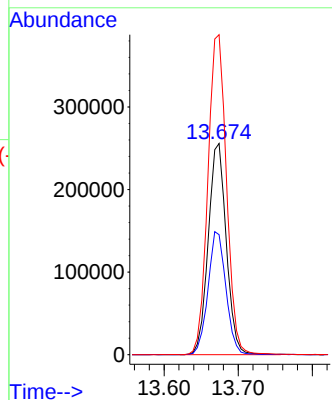
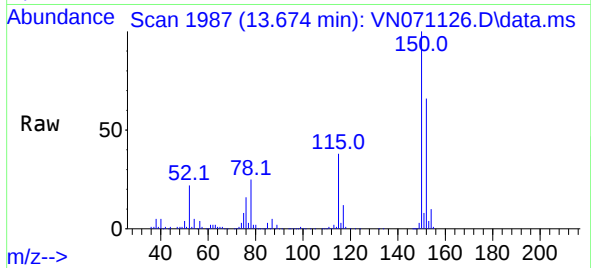




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

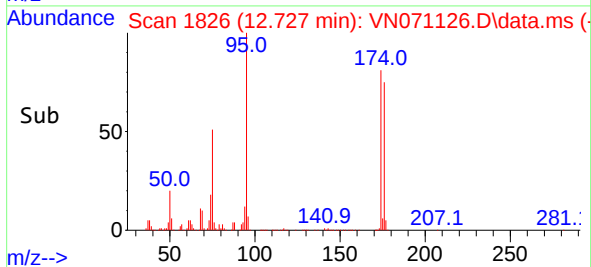
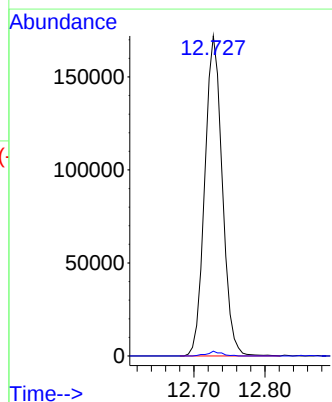
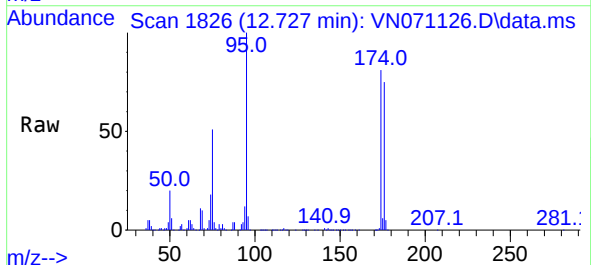
Instrument :
MSVOA_N
ClientSampleId :
MW-42

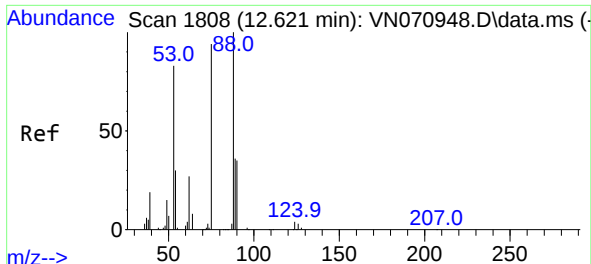
Tgt Ion:152 Resp: 432997
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 156.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 28.969 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion: 75 Resp: 295342
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

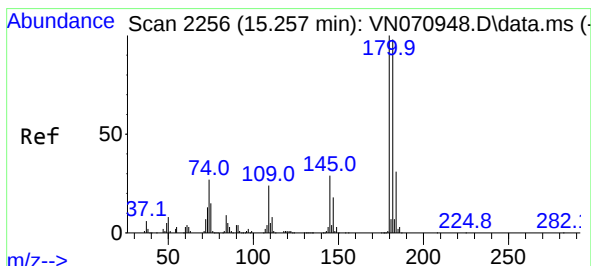
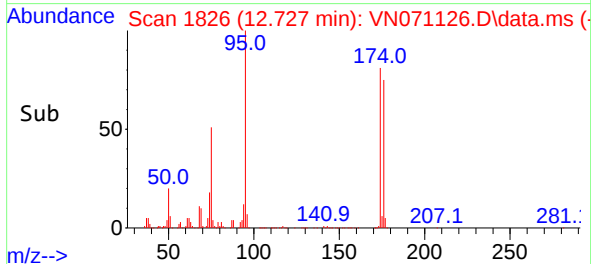
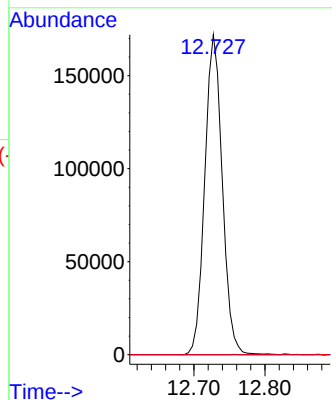
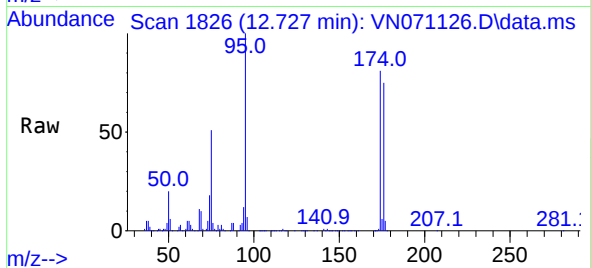




#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.874 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.106 min
 Lab File: VN071126.D
 Acq: 01 Mar 2022 18:12

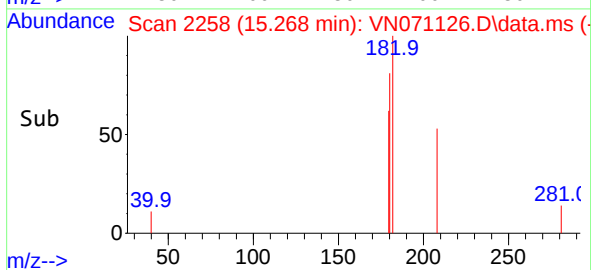
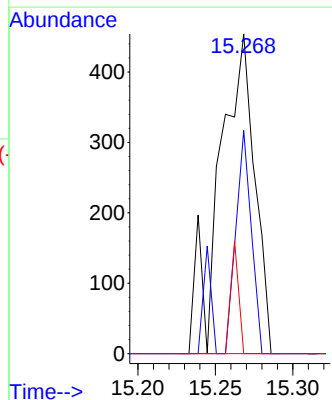
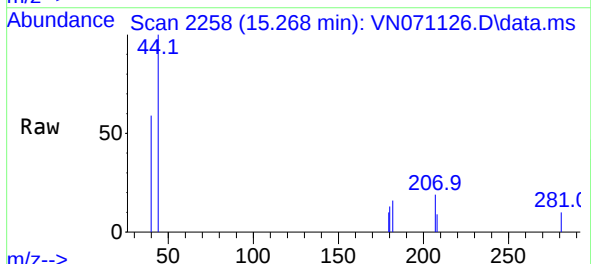
Instrument : MSVOA_N
 ClientSampleId : MW-42

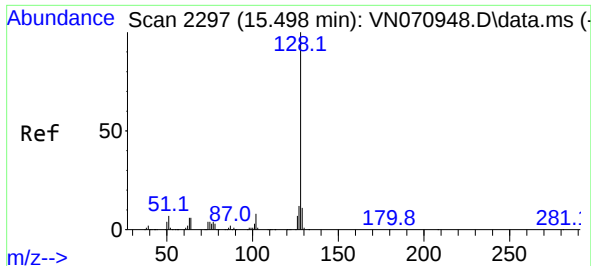
Tgt Ion: 75 Resp: 295342
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 38.2 57.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.085 ug/l
 RT: 15.268 min Scan# 2258
 Delta R.T. 0.011 min
 Lab File: VN071126.D
 Acq: 01 Mar 2022 18:12

Tgt Ion: 180 Resp: 717
 Ion Ratio Lower Upper
 180 100
 182 30.7 48.3 144.9#
 145 7.8 14.5 43.5#

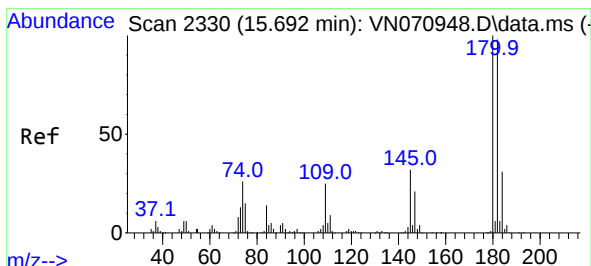
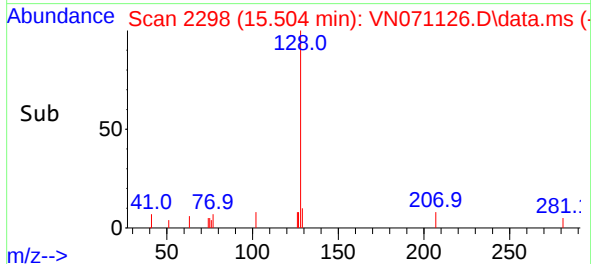
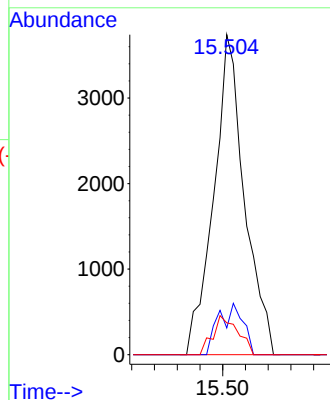
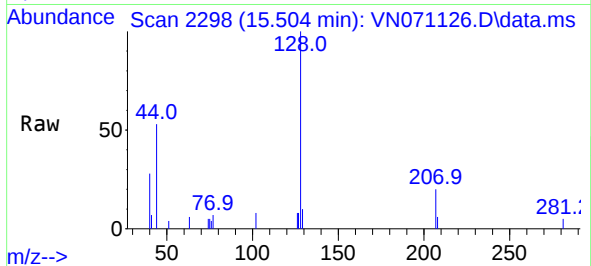




#95
Naphthalene
Concen: 5.316 ug/l
RT: 15.504 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Instrument :
MSVOA_N
ClientSampleId :
MW-42

Tgt Ion:	128	Resp:	7009
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	9.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.596 ug/l
RT: 15.709 min Scan# 2333
Delta R.T. 0.017 min
Lab File: VN071126.D
Acq: 01 Mar 2022 18:12

Tgt Ion:	180	Resp:	623
Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.4	142.2
145	0.0	15.0	45.1#

