

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071712.D
 Acq On : 31 Mar 2022 18:25
 Operator : JC\MD
 Sample : N2075-14DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D2-20220322DL

Quant Time: Apr 01 01:39:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

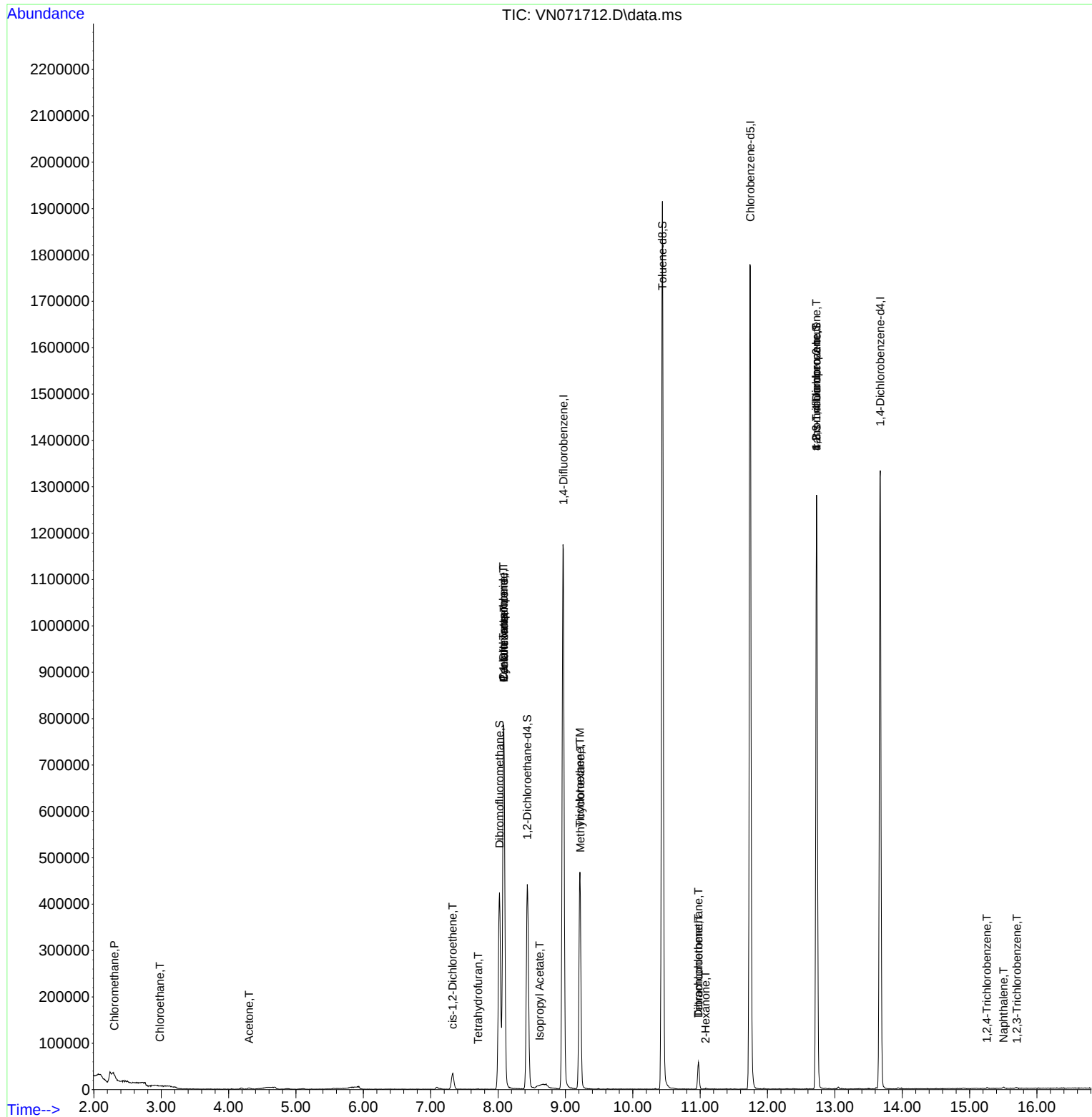
Internal Standards						
1) Pentafluorobenzene	8.087	168	663752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1112527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1121553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	398605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	376398	49.673	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.340%
35) Dibromofluoromethane	8.022	113	316118	48.287	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.580%
50) Toluene-d8	10.439	98	1382583	51.626	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.727	95	459256	53.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	2480	0.371	ug/l #	84
6) Chloroethane	2.981	64	1648	0.312	ug/l #	42
16) Acetone	4.304	43	2168	0.669	ug/l	89
18) Methyl Acetate	4.869	43	3164	Below Cal	#	74
27) cis-1,2-Dichloroethene	7.328	96	22112	2.998	ug/l	88
29) Tetrahydrofuran	7.704	42	616	0.204	ug/l #	37
31) Cyclohexane	8.087	56	11659	1.131	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	44570	4.875	ug/l #	49
38) Carbon Tetrachloride	8.081	117	60797	6.786	ug/l #	17
39) Methylcyclohexane	9.222	83	2223	0.204	ug/l #	1
43) Isopropyl Acetate	8.616	43	8784	0.528	ug/l #	53
44) Trichloroethene	9.216	130	186522	25.070	ug/l	99
59) 2-Hexanone	11.081	43	1974	0.293	ug/l	70
60) Dibromochloromethane	10.975	129	12484	1.704	ug/l #	11
64) Tetrachloroethene	10.975	164	14538	1.963	ug/l	97
76) 1,2,3-Trichloropropane	12.727	75	224379	24.299	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	224379	75.303	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.257	180	952	2.230	ug/l	93
95) Naphthalene	15.504	128	3533	3.983	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.704	180	1008	2.570	ug/l	80

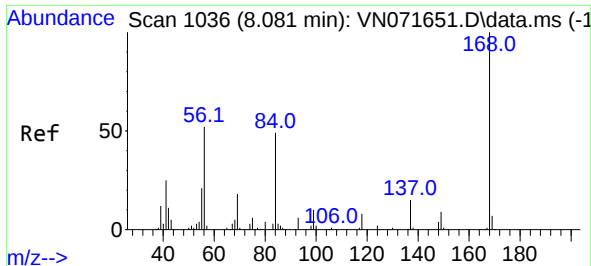
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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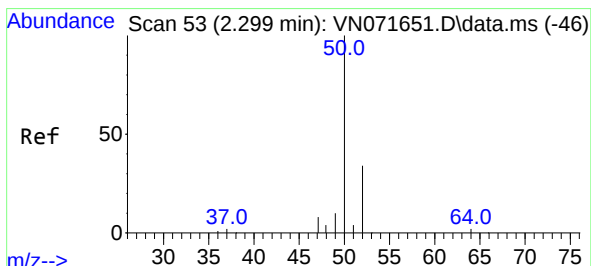
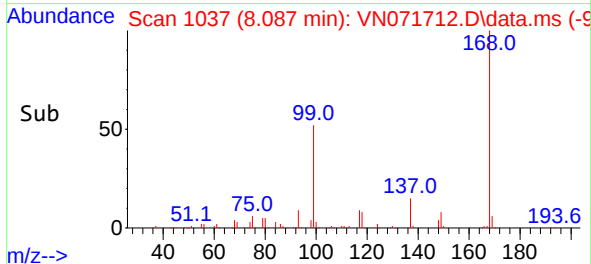
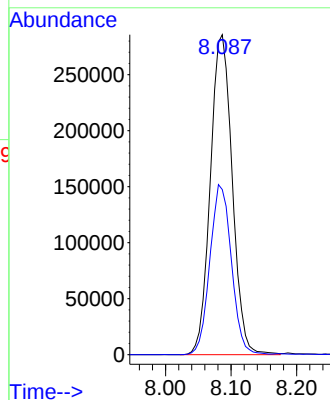
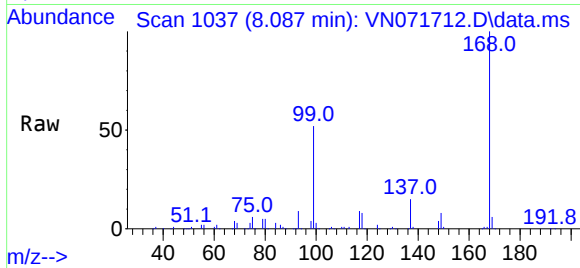




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

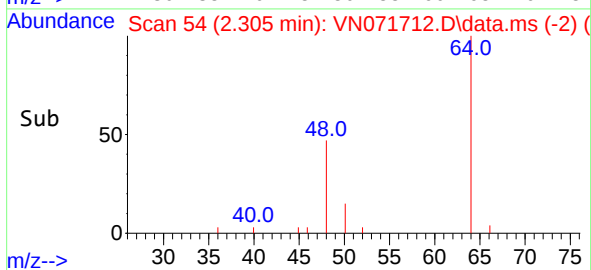
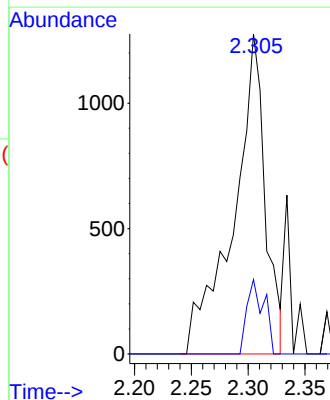
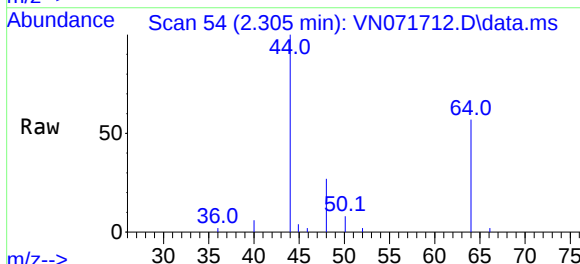
Instrument :
MSVOA_N
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MW179D2-20220322DL

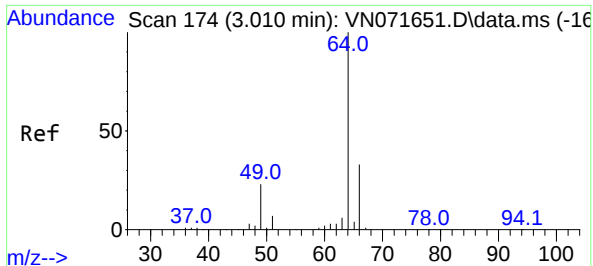
Tgt Ion:168 Resp: 663752
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#3
Chloromethane
Concen: 0.371 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion: 50 Resp: 2480
Ion Ratio Lower Upper
50 100
52 23.3 25.7 38.5#

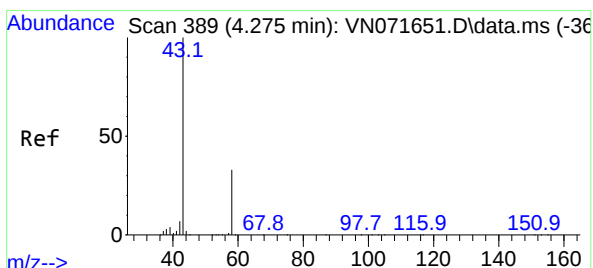
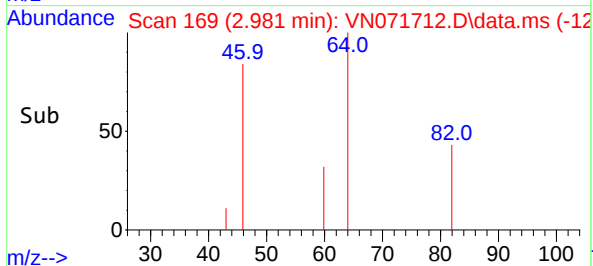
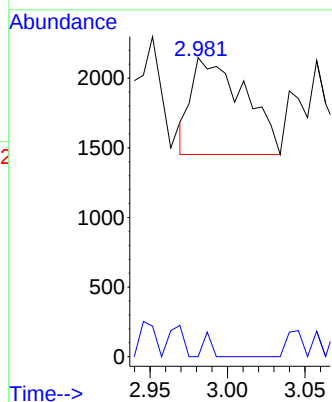
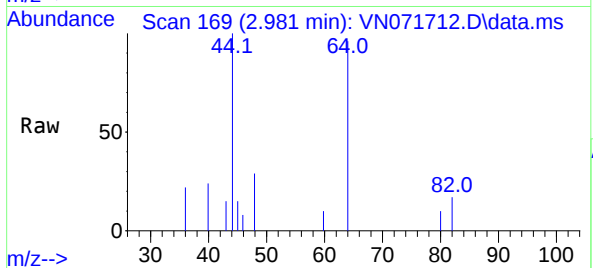




#6
Chloroethane
Concen: 0.312 ug/l
RT: 2.981 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

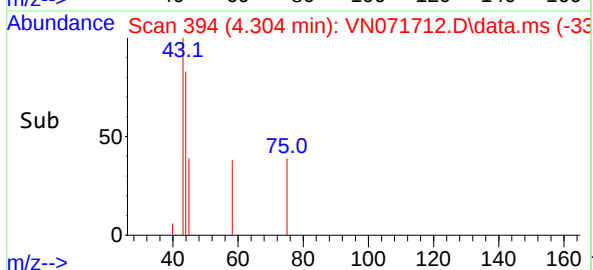
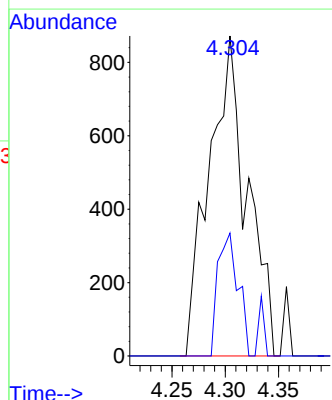
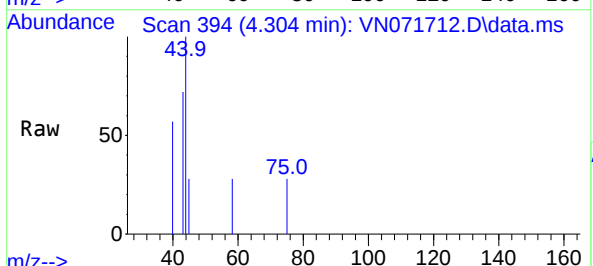
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20220322DL

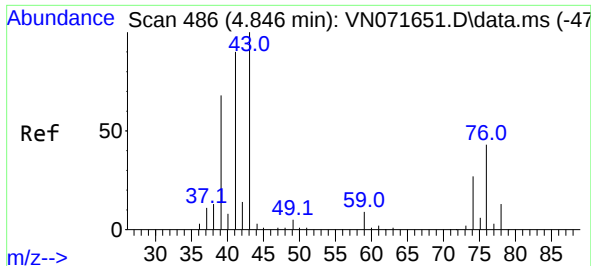
Tgt Ion: 64 Resp: 1648
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.669 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion: 43 Resp: 2168
Ion Ratio Lower Upper
43 100
58 38.4 26.0 39.0

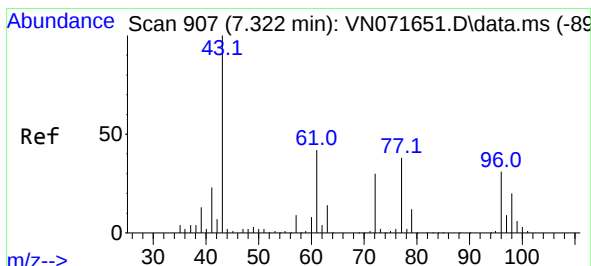
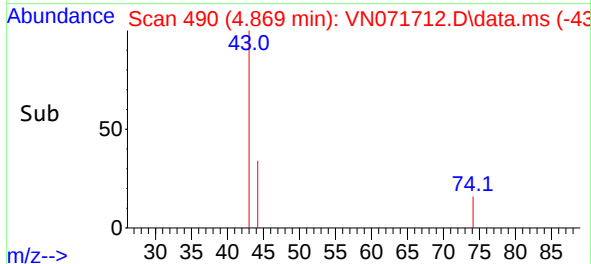
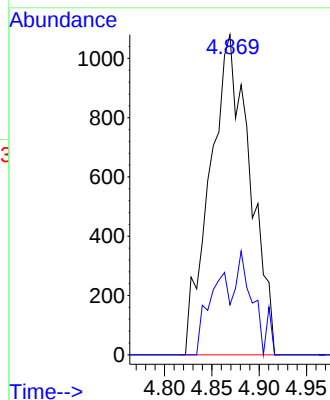
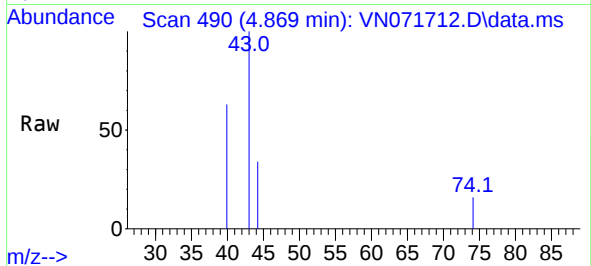




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 491
Delta R.T. 0.023 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

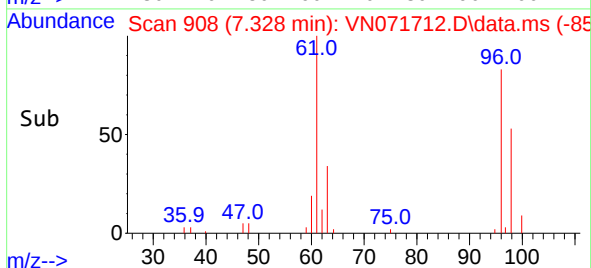
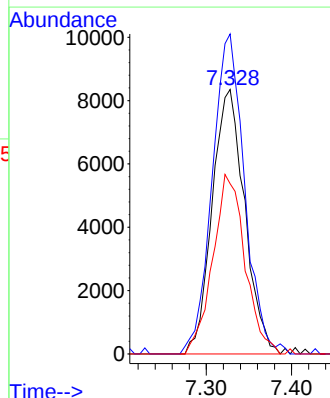
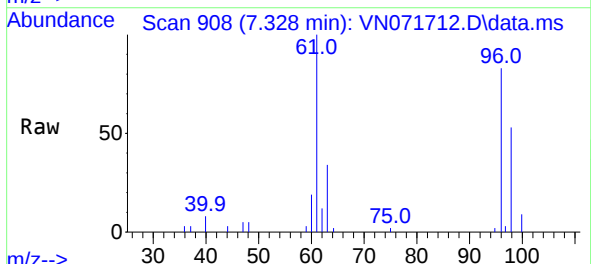
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20220322DL

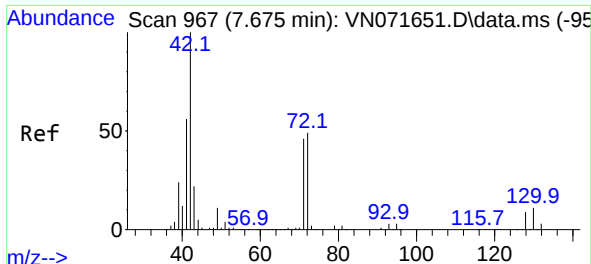
Tgt Ion: 43 Resp: 3164
Ion Ratio Lower Upper
43 100
74 13.8 21.6 32.4#



#27
cis-1,2-Dichloroethene
Concen: 2.998 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion: 96 Resp: 22112
Ion Ratio Lower Upper
96 100
61 120.4 0.0 280.6
98 67.2 0.0 128.4





#29

Tetrahydrofuran

Concen: 0.204 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN071712.D

Acq: 31 Mar 2022 18:25

Instrument :

MSVOA_N

ClientSampleId :

MW179D2-20220322DL

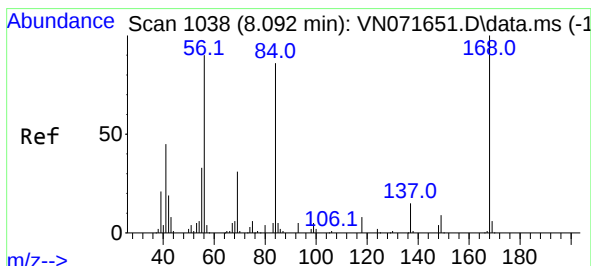
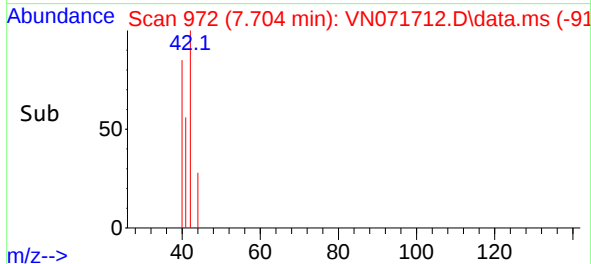
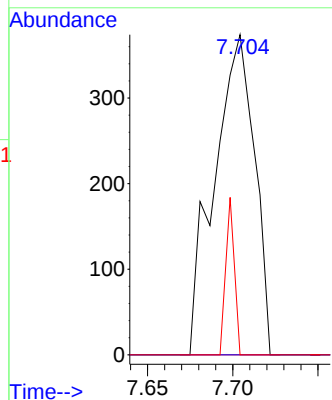
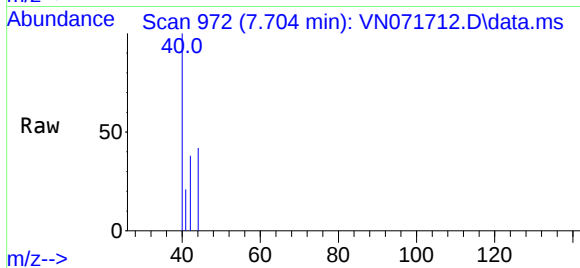
Tgt Ion: 42 Resp: 616

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 10.6 36.6 55.0#



#31

Cyclohexane

Concen: 1.131 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN071712.D

Acq: 31 Mar 2022 18:25

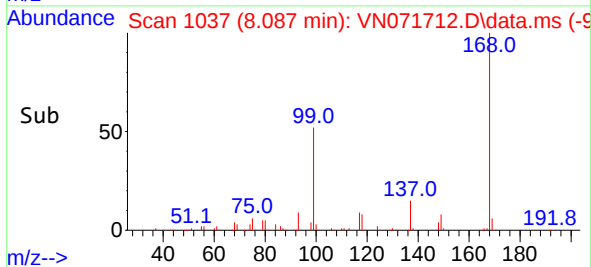
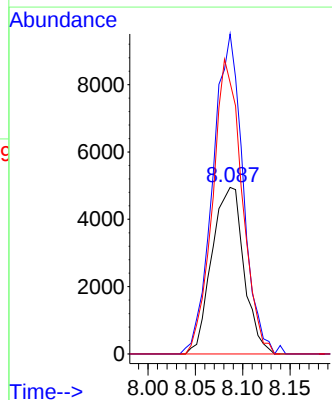
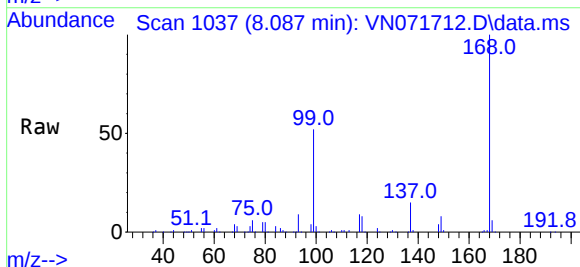
Tgt Ion: 56 Resp: 11659

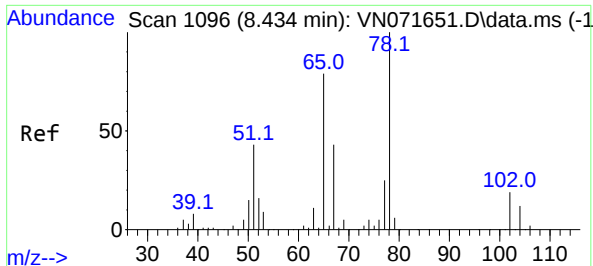
Ion Ratio Lower Upper

56 100

69 192.0 27.8 41.8#

84 162.9 76.9 115.3#

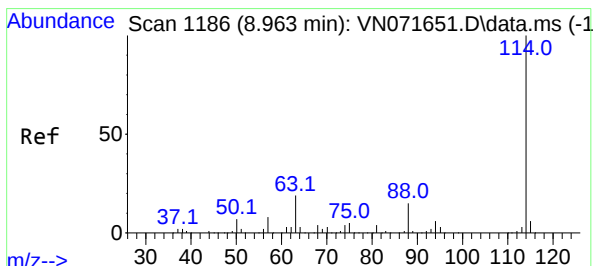
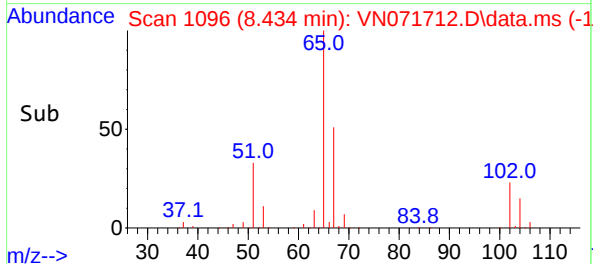
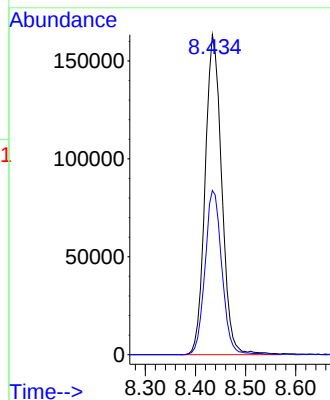
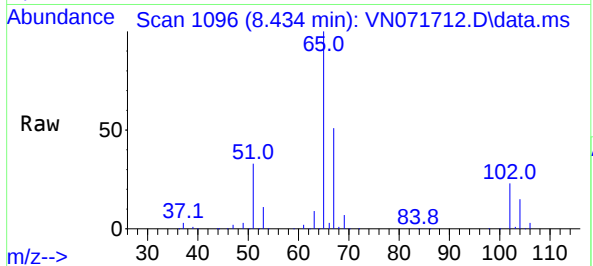




#33
1,2-Dichloroethane-d4
Concen: 49.673 ug/l
RT: 8.434 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

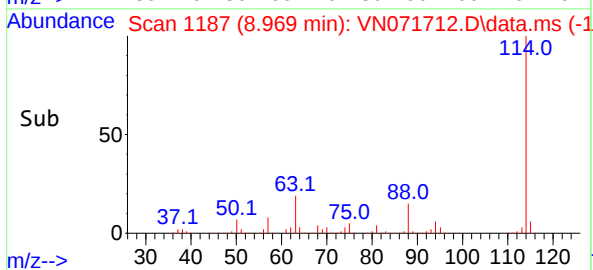
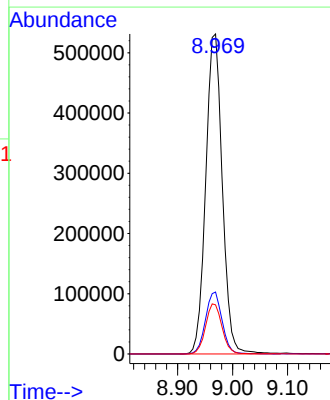
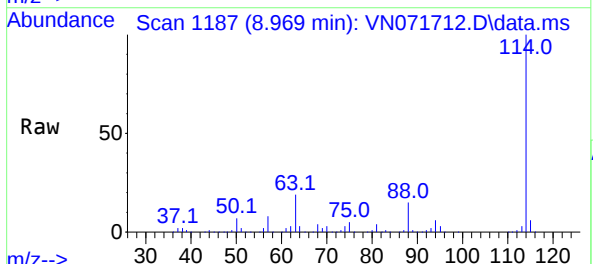
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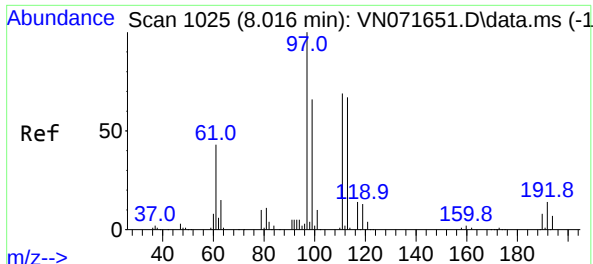
Tgt Ion: 65 Resp: 376398
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion:114 Resp: 1112527
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.4 0.0 32.6

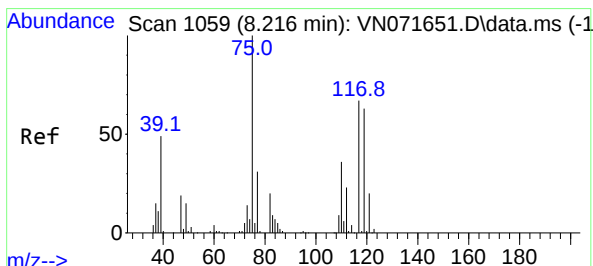
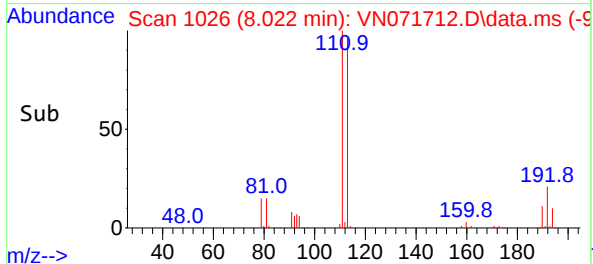
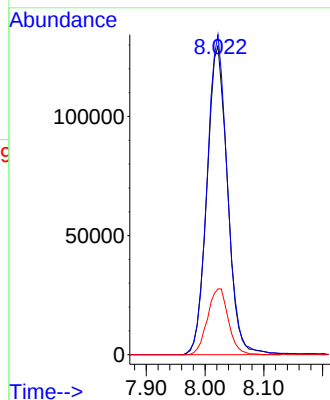
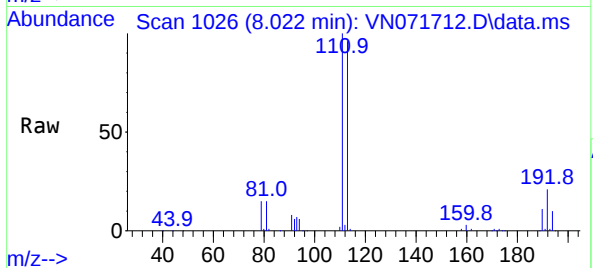




#35
Dibromofluoromethane
Concen: 48.287 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

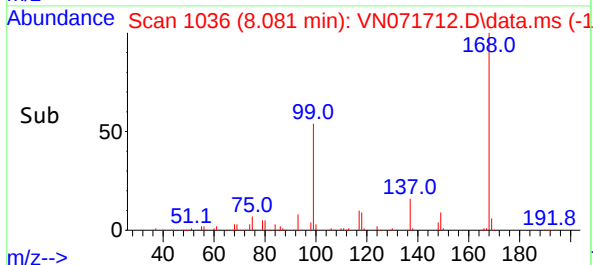
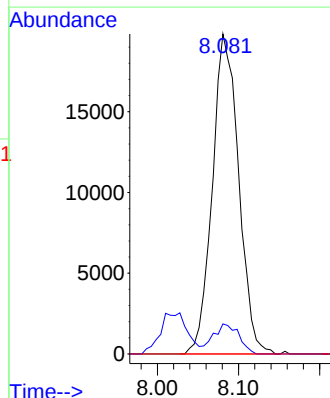
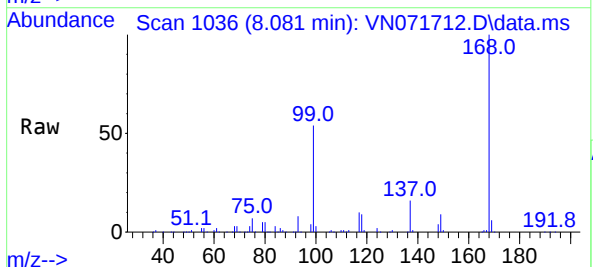
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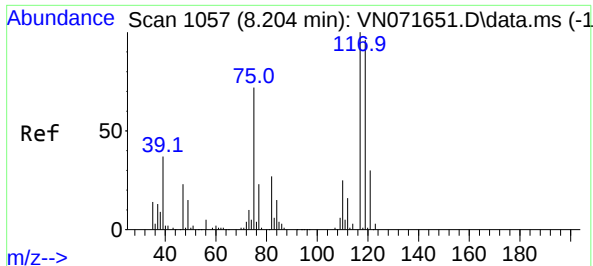
Tgt Ion:113 Resp: 316118
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion: 75 Resp: 44570
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 25.1 37.7#

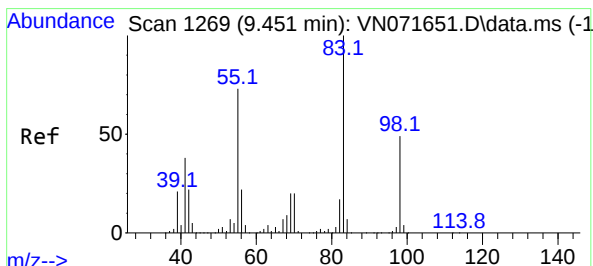
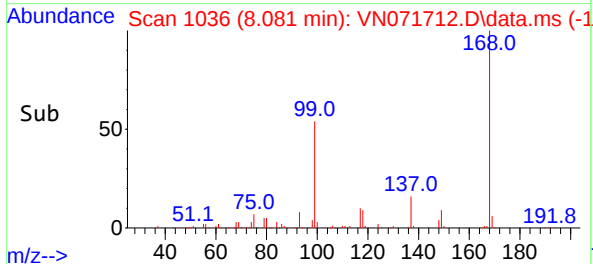
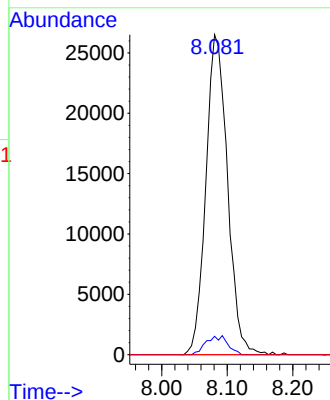
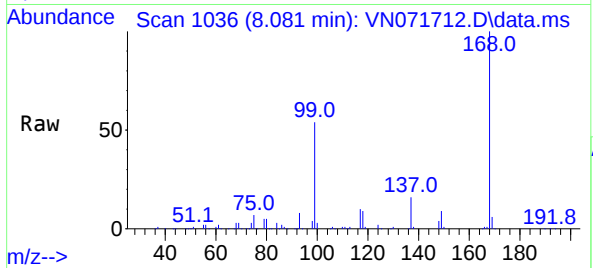




#38
Carbon Tetrachloride
Concen: 6.786 ug/l
RT: 8.081 min Scan# 117
Delta R.T. -0.123 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

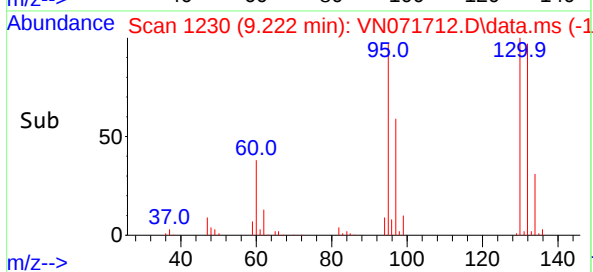
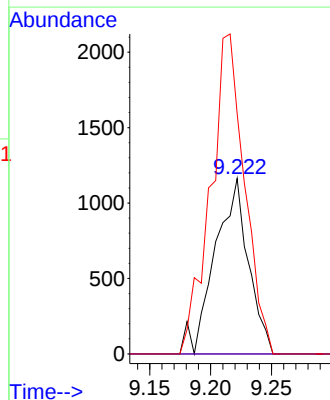
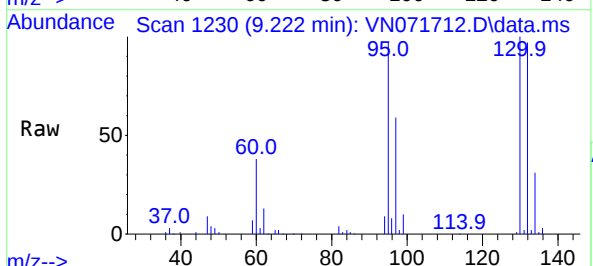
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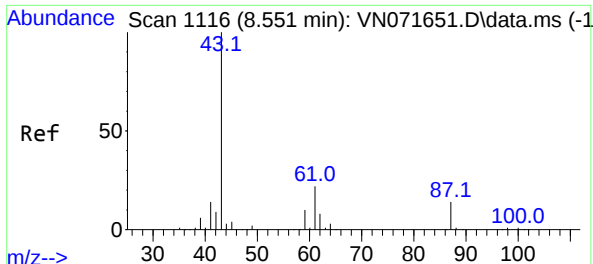
Tgt Ion:117 Resp: 60797
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.204 ug/l
RT: 9.222 min Scan# 1230
Delta R.T. -0.229 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion: 83 Resp: 2223
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 137.0 39.4 59.2#





#43

Isopropyl Acetate

Concen: 0.528 ug/l

RT: 8.616 min Scan# 1116

Delta R.T. 0.065 min

Lab File: VN071712.D

Acq: 31 Mar 2022 18:25

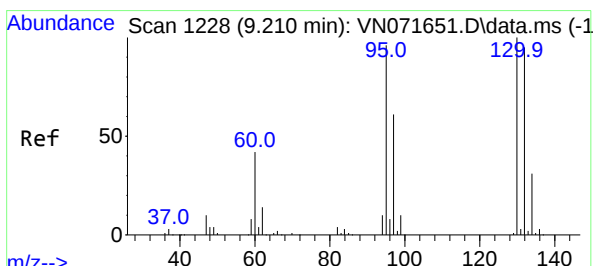
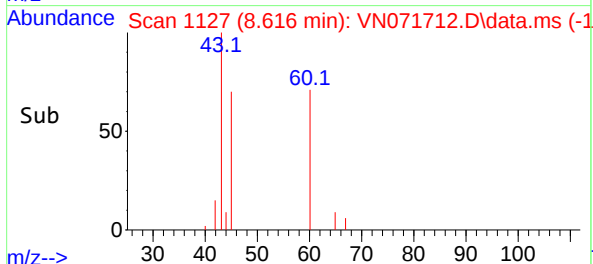
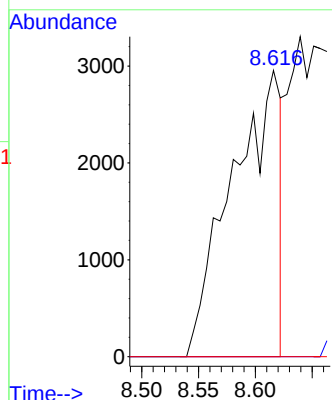
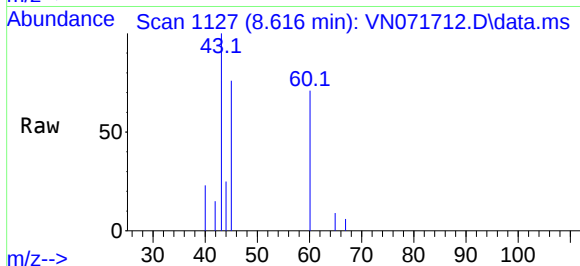
Instrument :

MSVOA_N

ClientSampleId :

MW179D2-20220322DL

Tgt Ion: 43	Resp: 8784
Ion Ratio	Lower Upper
43	100
61	0.0 21.9 32.9#
87	0.0 12.0 18.0#



#44

Trichloroethene

Concen: 25.070 ug/l

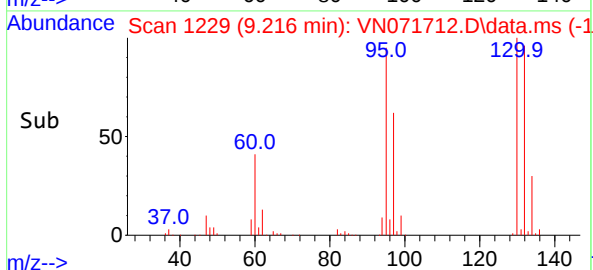
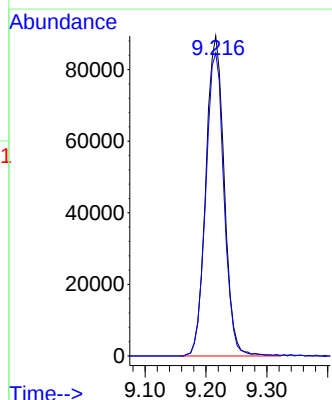
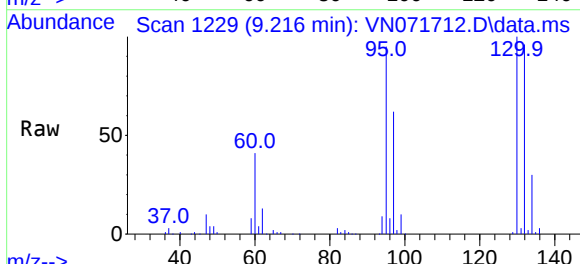
RT: 9.216 min Scan# 1229

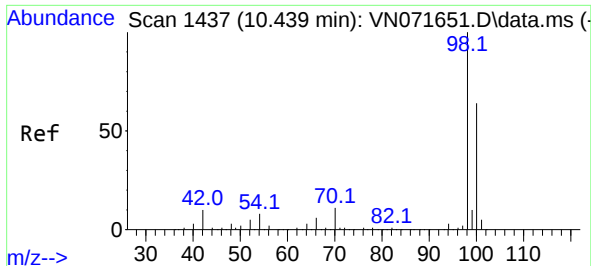
Delta R.T. 0.006 min

Lab File: VN071712.D

Acq: 31 Mar 2022 18:25

Tgt Ion: 130	Resp: 186522
Ion Ratio	Lower Upper
130	100
95	94.7 0.0 186.8

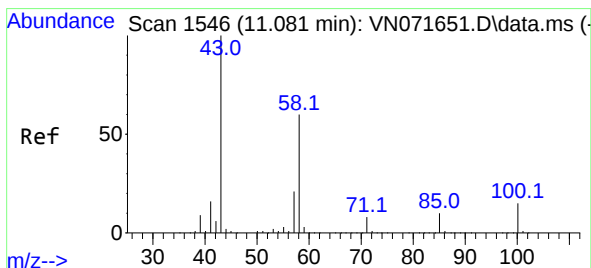
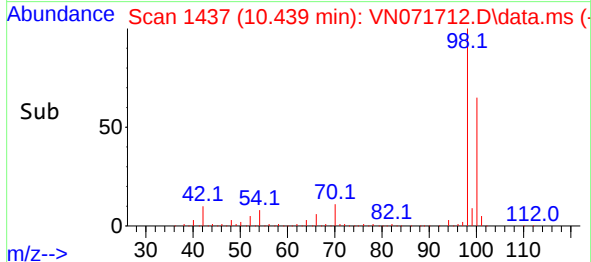
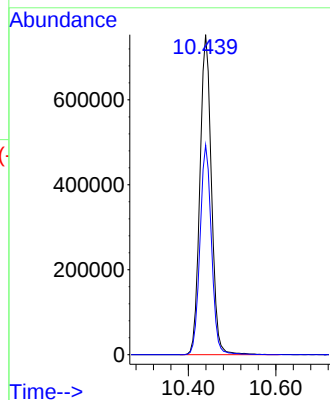
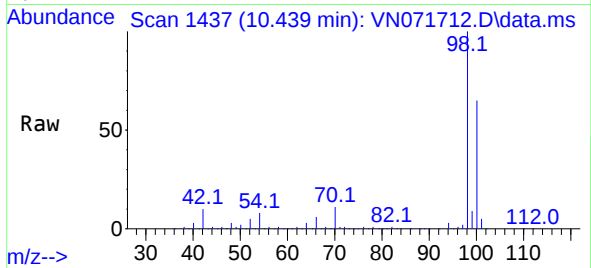




#50
Toluene-d8
Concen: 51.626 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

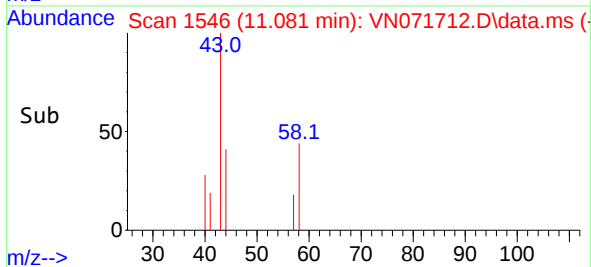
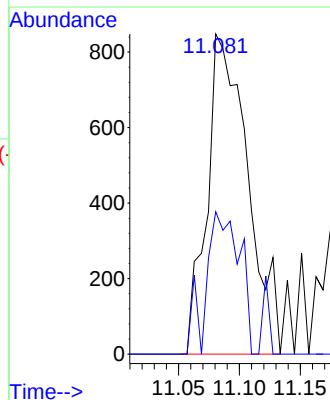
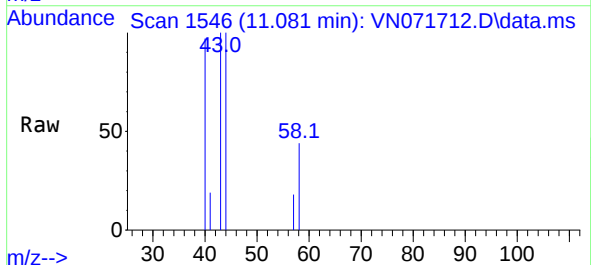
Instrument : MSVOA_N
ClientSampleId : MW179D2-20220322DL

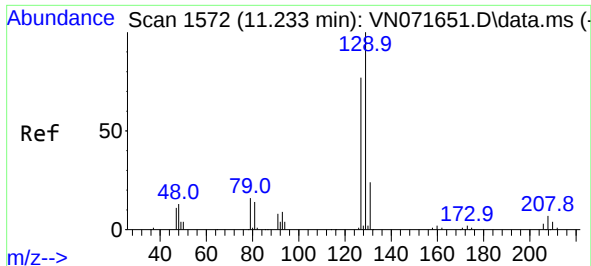
Tgt Ion: 98 Resp: 1382583
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#59
2-Hexanone
Concen: 0.293 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
58 36.9 29.7 89.1

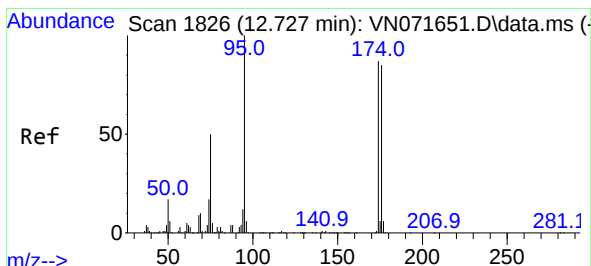
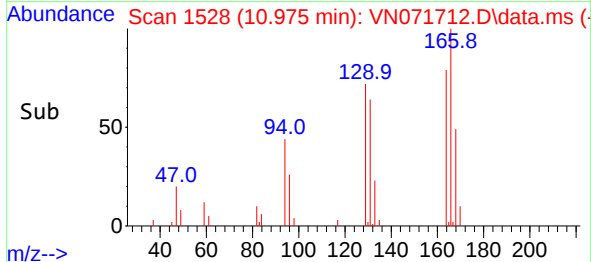
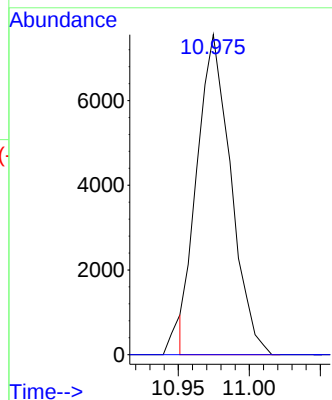
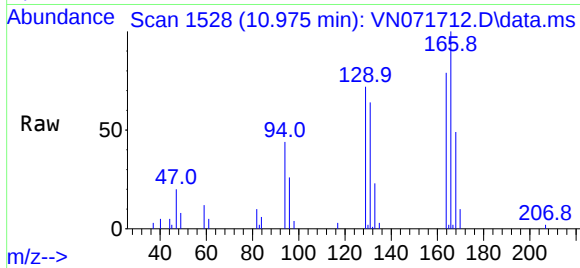




#60
Dibromochloromethane
Concen: 1.704 ug/l
RT: 10.975 min Scan# 11
Delta R.T. -0.258 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

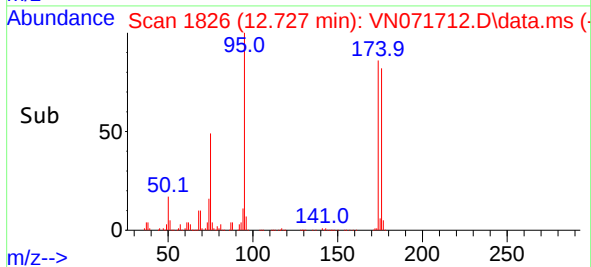
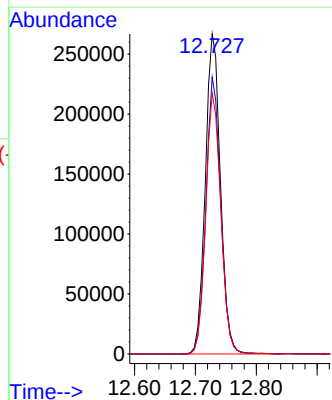
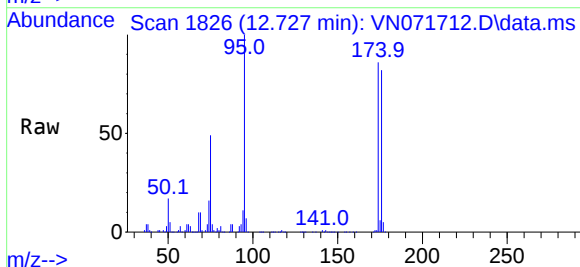
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20220322DL

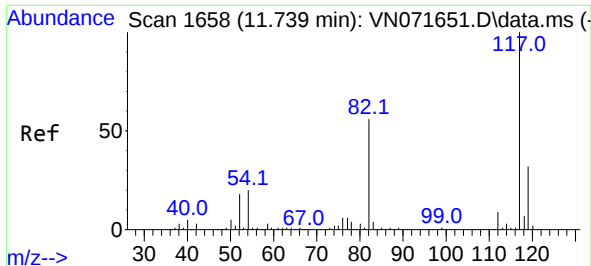
Tgt Ion:129 Resp: 12484
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 53.024 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion: 95 Resp: 459256
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.6
176 81.4 0.0 163.4

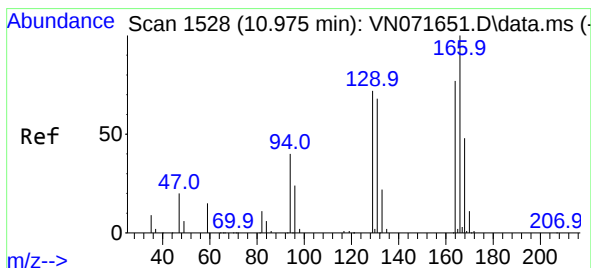
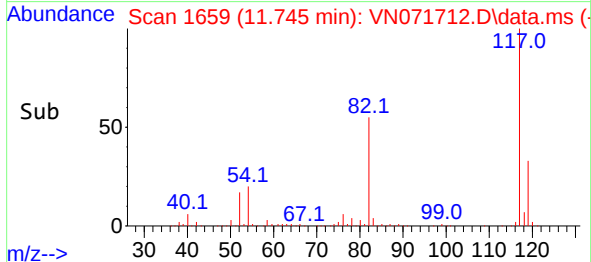
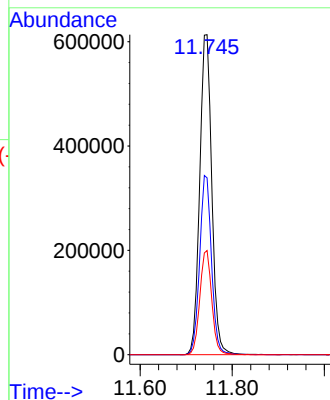
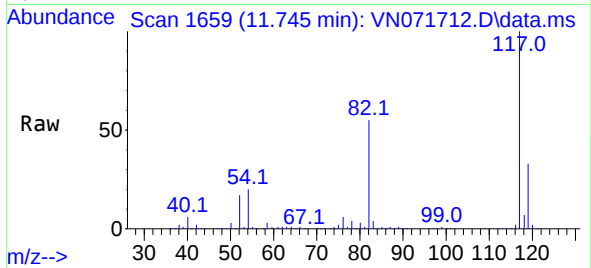




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

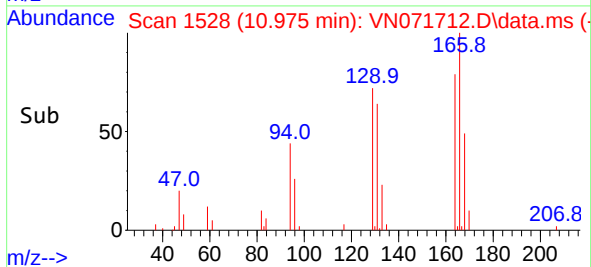
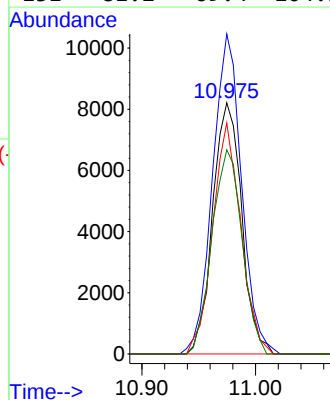
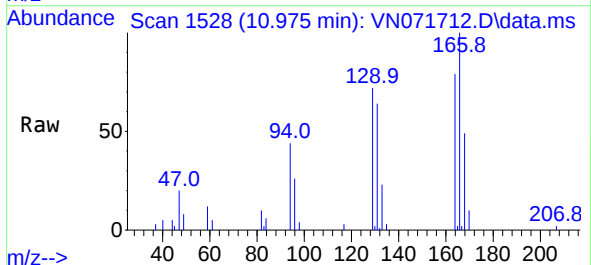
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20220322DL

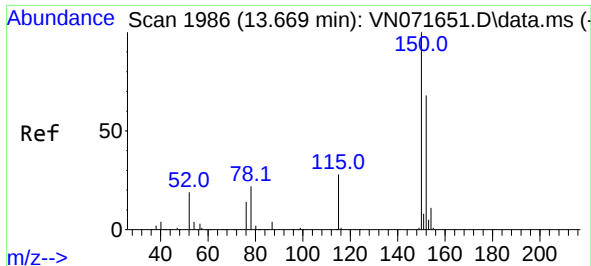
Tgt Ion:117 Resp: 1121553
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 1.963 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion:164 Resp: 14538
Ion Ratio Lower Upper
164 100
166 127.4 104.2 156.2
129 92.0 73.9 110.9
131 81.2 69.4 104.2

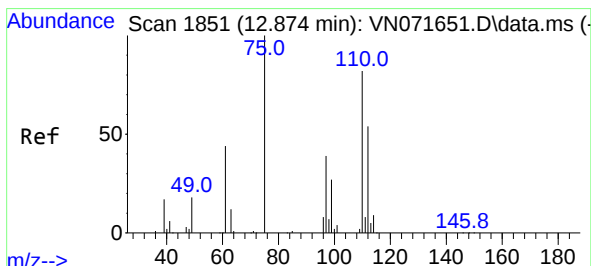
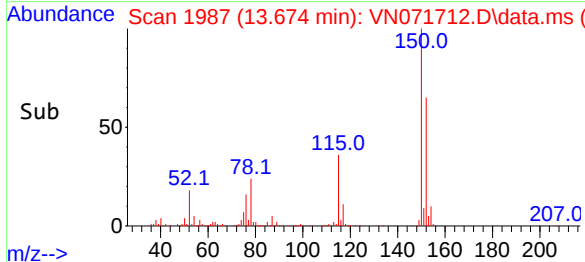
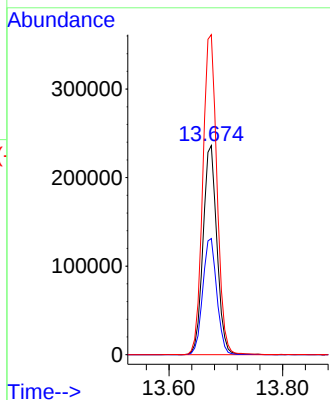
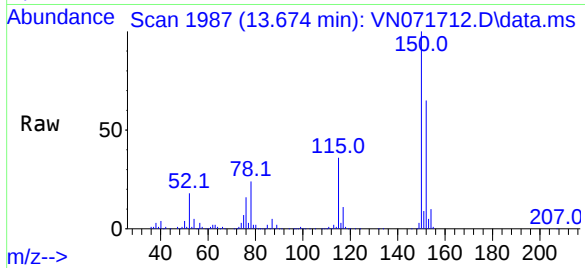




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

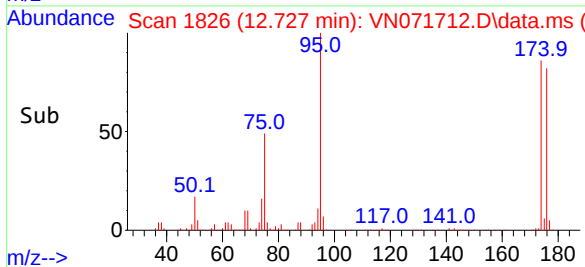
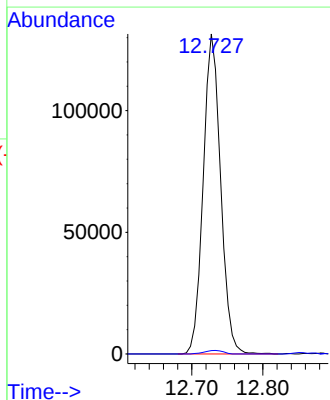
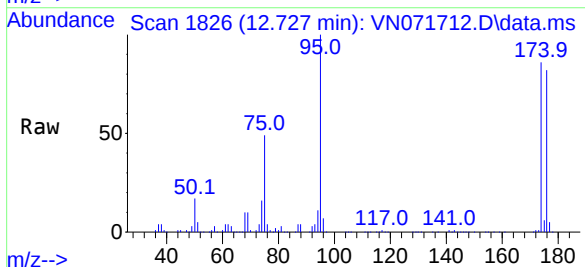
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20220322DL

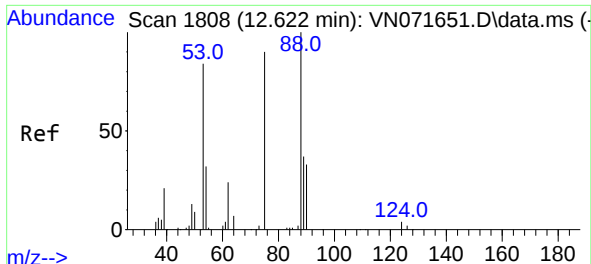
Tgt Ion:152 Resp: 398605
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 156.8 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.299 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion: 75 Resp: 224379
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

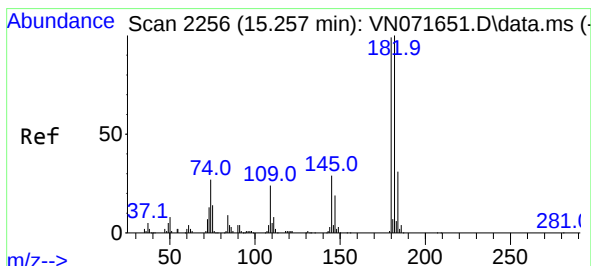
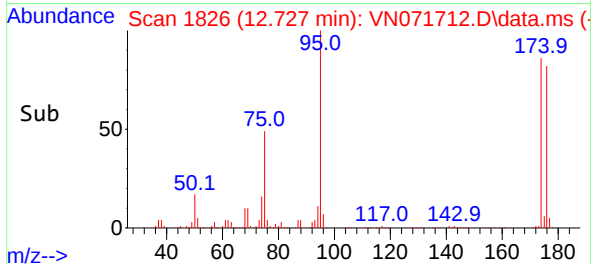
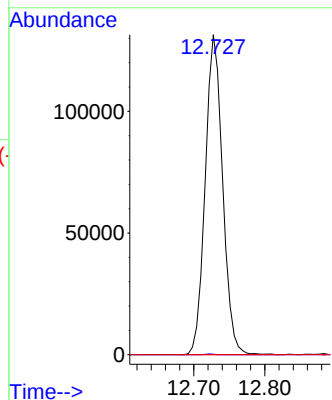
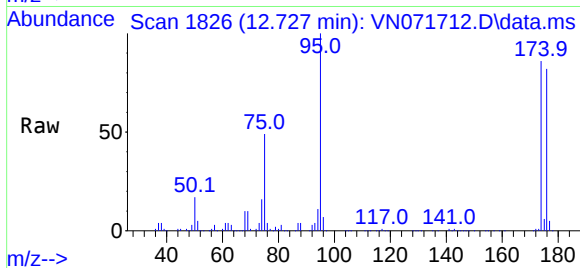




#81
trans-1,4-Dichloro-2-butene
Concen: 75.303 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

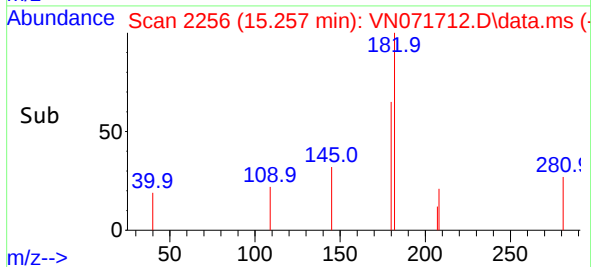
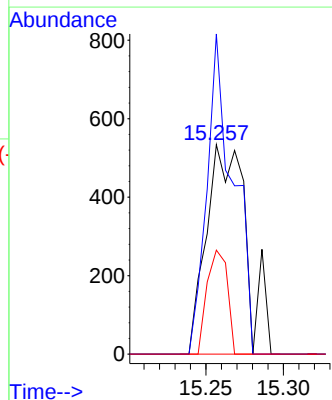
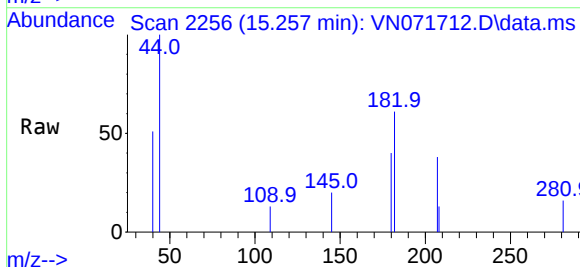
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20220322DL

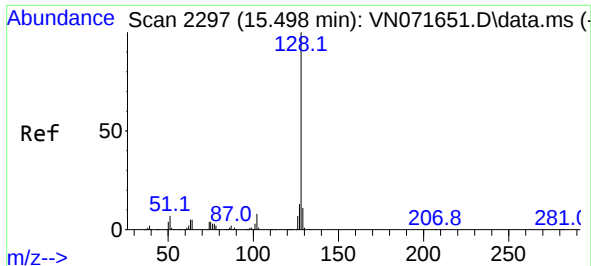
Tgt Ion: 75 Resp: 224379
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.230 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion:180 Resp: 952
Ion Ratio Lower Upper
180 100
182 101.5 47.5 142.5
145 25.3 14.5 43.5

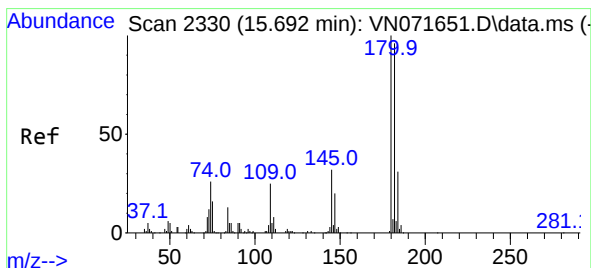
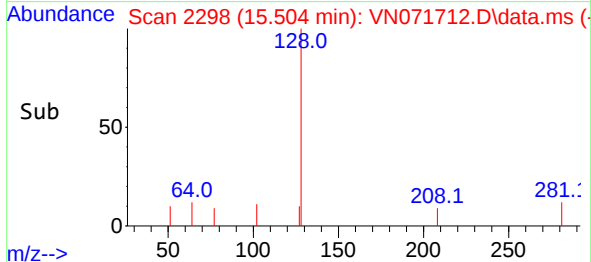
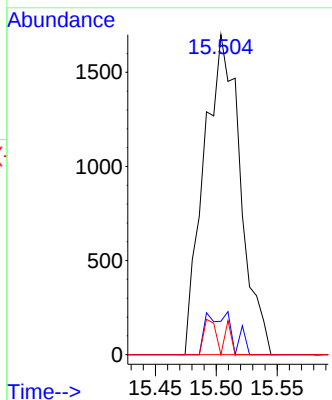
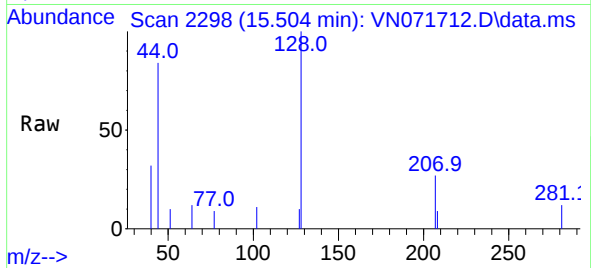




#95
Naphthalene
Concen: 3.983 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20220322DL

Tgt Ion:	128	Resp:	3533
Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.3	15.5#
129	5.3	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.570 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN071712.D
Acq: 31 Mar 2022 18:25

Tgt Ion:	180	Resp:	1008
Ion	Ratio	Lower	Upper
180	100		
182	115.5	47.8	143.3
145	21.3	15.5	46.5

