

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071554.D
 Acq On : 25 Mar 2022 17:55
 Operator : JC\MD
 Sample : N2077-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-4(2.5-3.0)

Quant Time: Mar 26 04:05:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

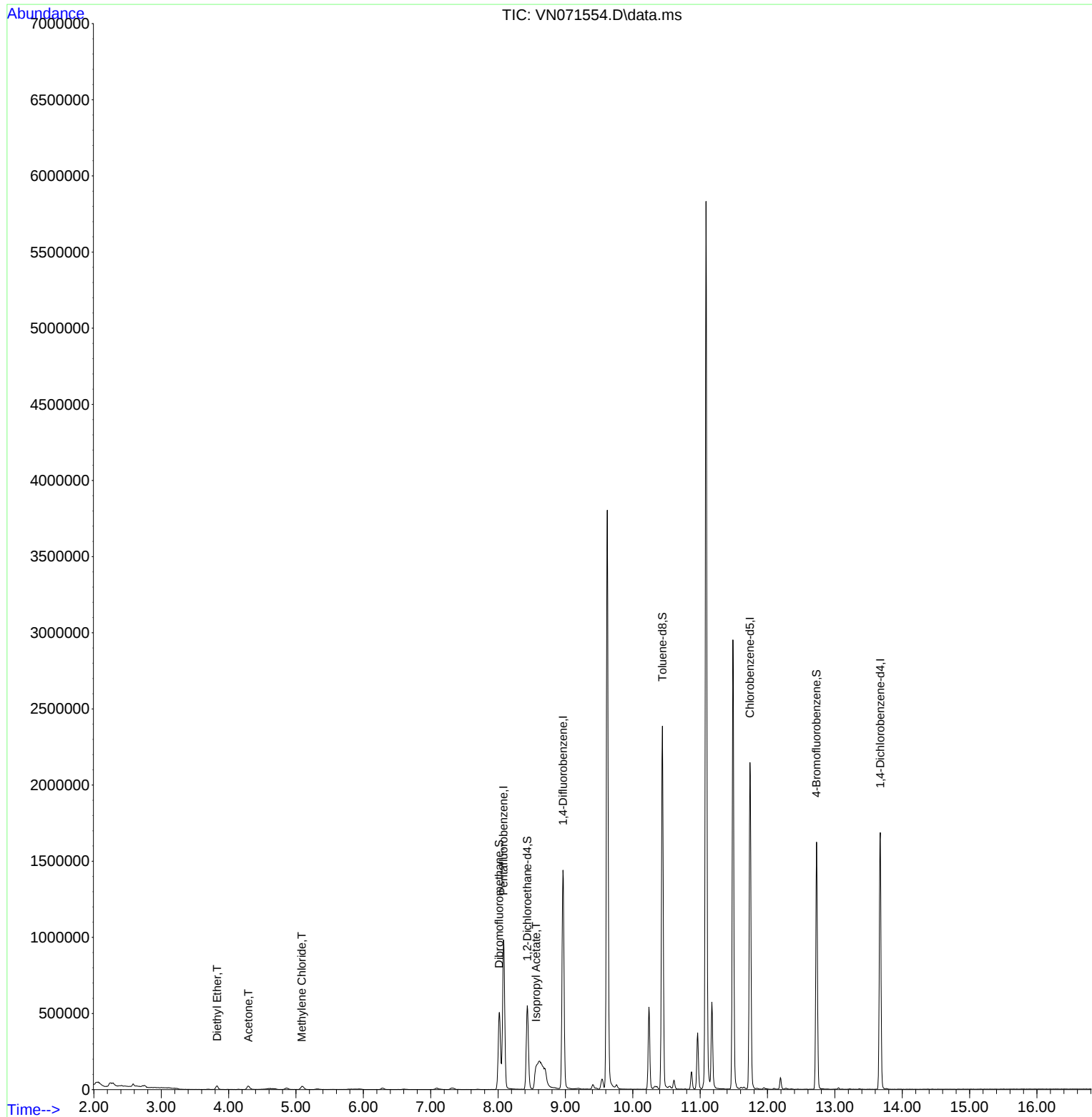
Internal Standards						
1) Pentafluorobenzene	8.081	168	785026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1328181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1330676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	494054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	459461	47.109	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.220%
35) Dibromofluoromethane	8.016	113	378651	45.363	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.720%
50) Toluene-d8	10.439	98	1681520	49.943	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.727	95	560271	50.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.580%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.828	74	13518	2.543	ug/l	88
16) Acetone	4.293	43	41824	10.462	ug/l #	88
20) Methylene Chloride	5.087	84	18525	1.989	ug/l	89
43) Isopropyl Acetate	8.563	43	127606	5.724	ug/l #	75

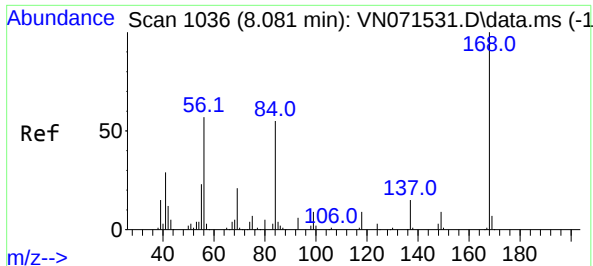
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-14A-4-(2.5-3.0)

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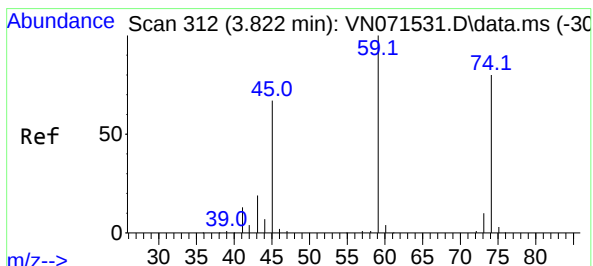
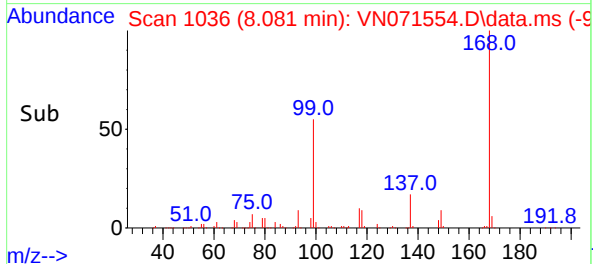
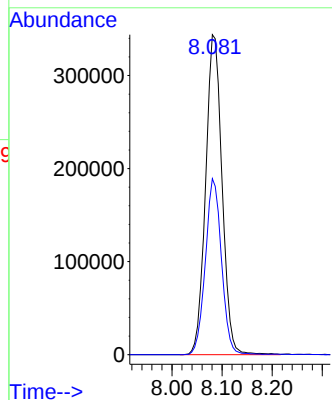
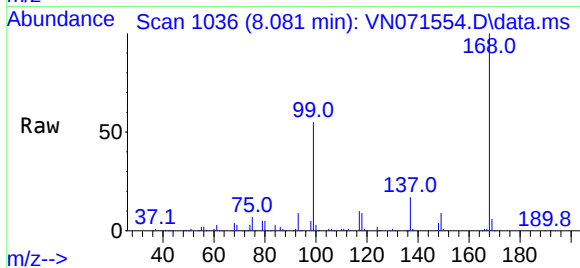




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

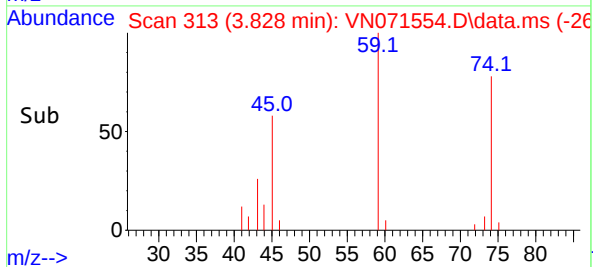
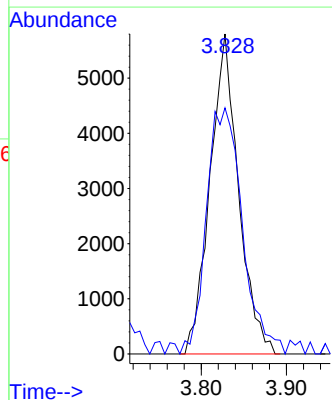
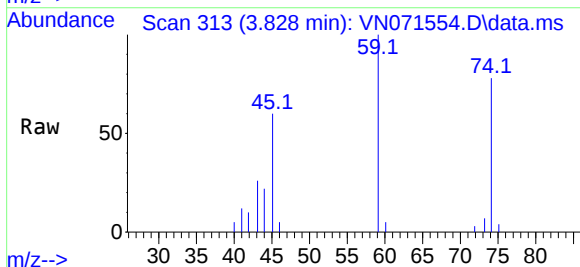
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-4-(2.5-3.0)

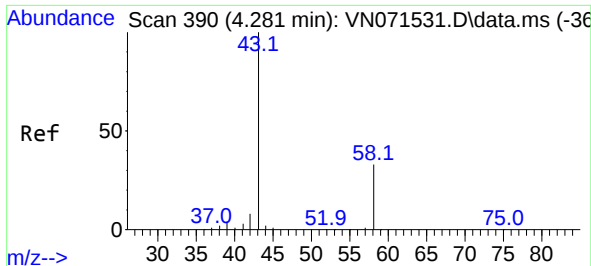
Tgt Ion:168 Resp: 785026
Ion Ratio Lower Upper
168 100
99 55.0 42.3 63.5



#8
Diethyl Ether
Concen: 2.543 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

Tgt Ion: 74 Resp: 13518
Ion Ratio Lower Upper
74 100
45 96.8 42.9 128.5

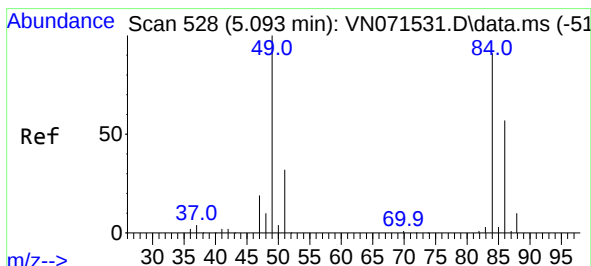
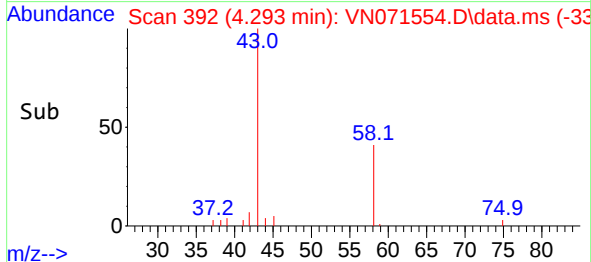
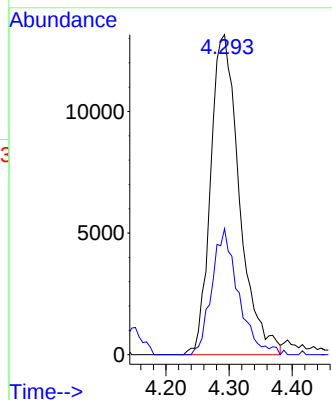
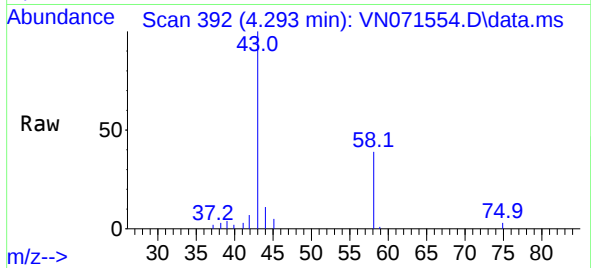




#16
Acetone
Concen: 10.462 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

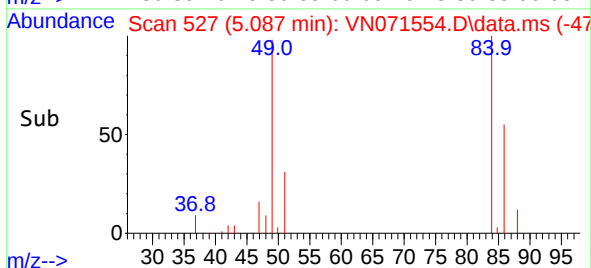
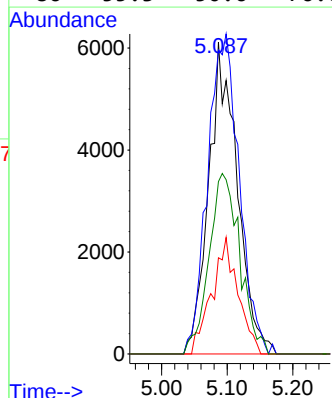
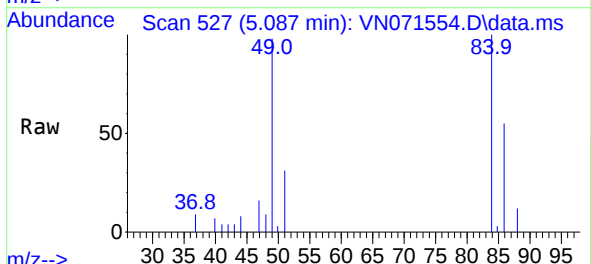
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-4-(2.5-3.0)

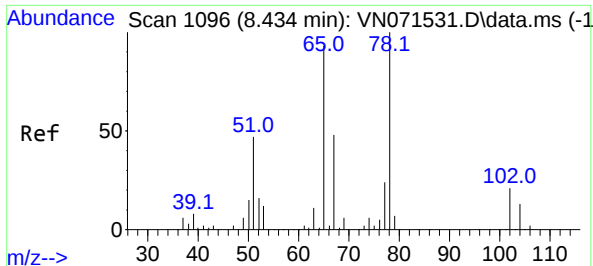
Tgt Ion: 43 Resp: 41824
Ion Ratio Lower Upper
43 100
58 39.3 26.0 39.0#



#20
Methylene Chloride
Concen: 1.989 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

Tgt Ion: 84 Resp: 18525
Ion Ratio Lower Upper
84 100
49 97.6 88.3 132.5
51 30.9 28.2 42.2
86 55.3 50.6 76.0

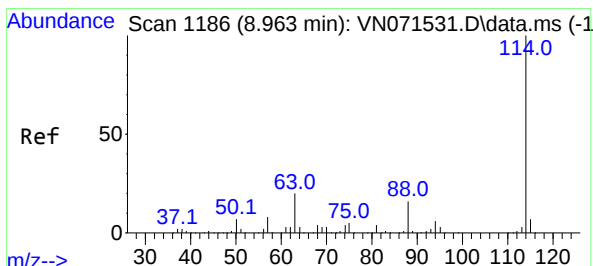
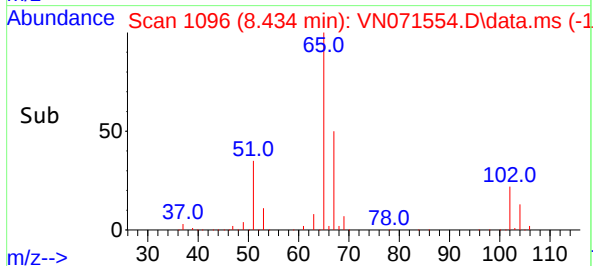
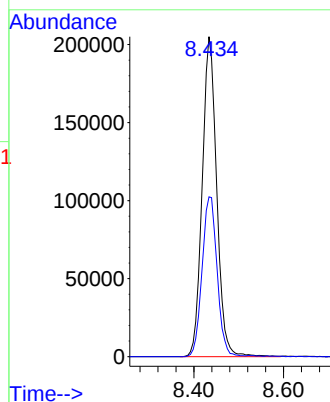
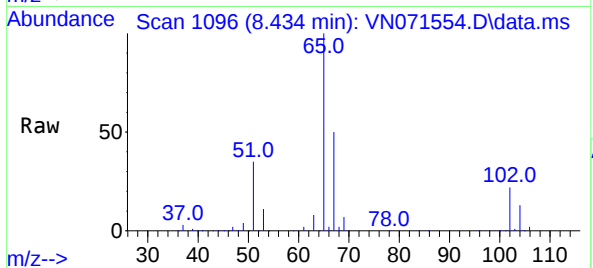




#33
1,2-Dichloroethane-d4
Concen: 47.109 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

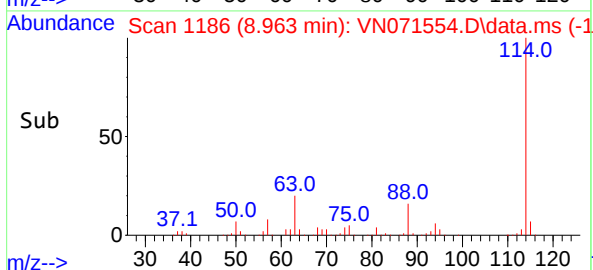
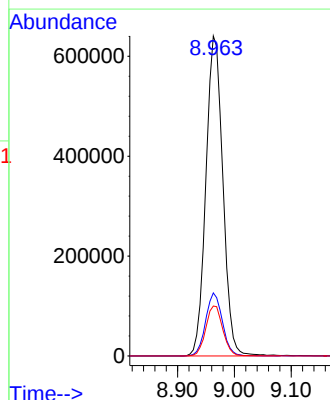
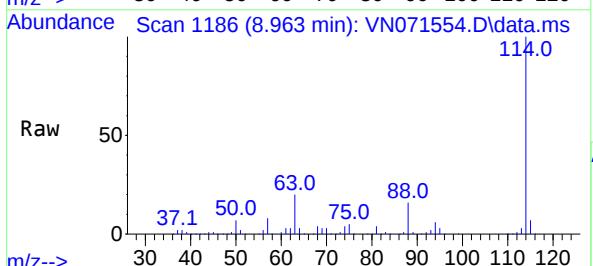
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-4-(2.5-3.0)

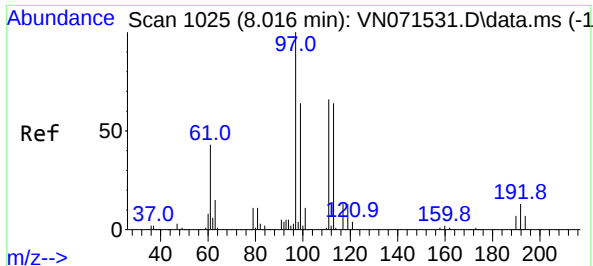
Tgt Ion: 65 Resp: 459461
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

Tgt Ion: 114 Resp: 1328181
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.6 0.0 32.6

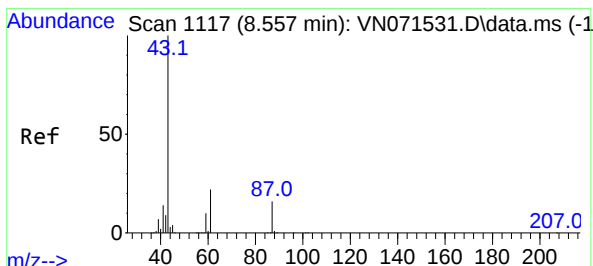
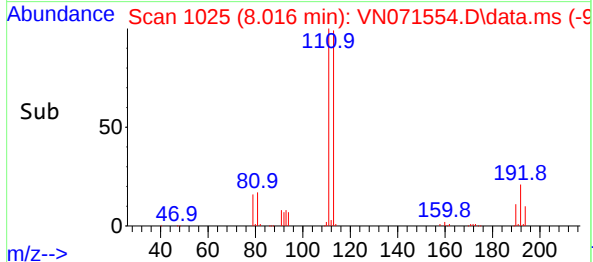
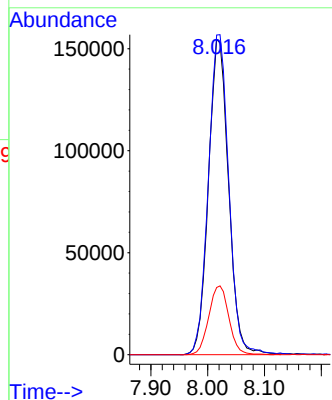
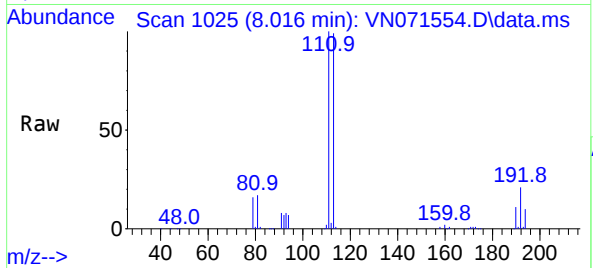




#35
Dibromofluoromethane
Concen: 45.363 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

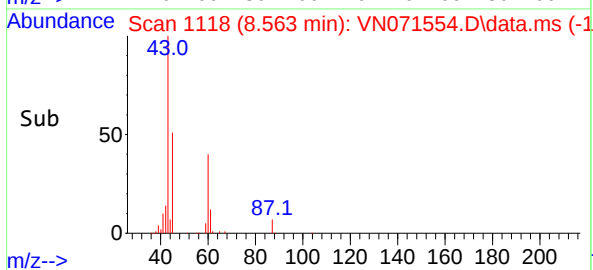
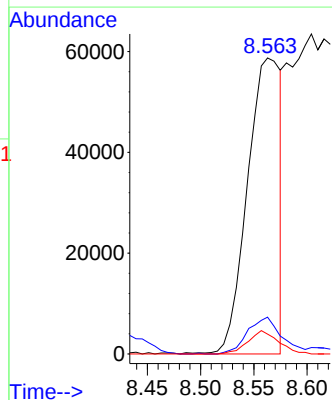
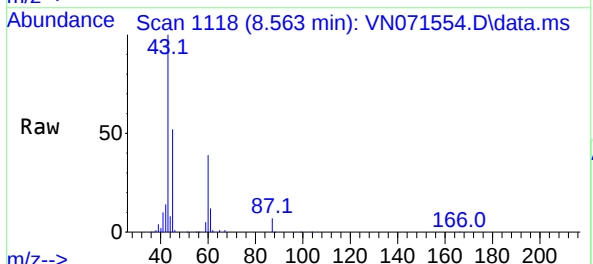
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WC-14A-4-(2.5-3.0)

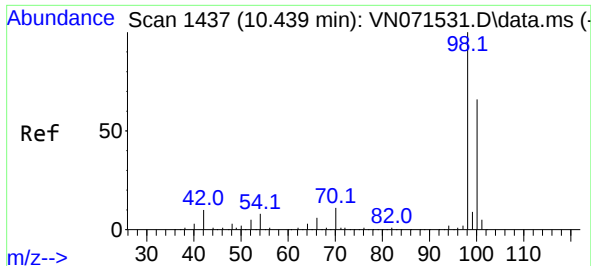
Tgt Ion:113 Resp: 378651
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 21.8 17.0 25.6



#43
Isopropyl Acetate
Concen: 5.724 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

Tgt Ion: 43 Resp: 127606
Ion Ratio Lower Upper
43 100
61 12.7 21.9 32.9#
87 7.2 12.0 18.0#

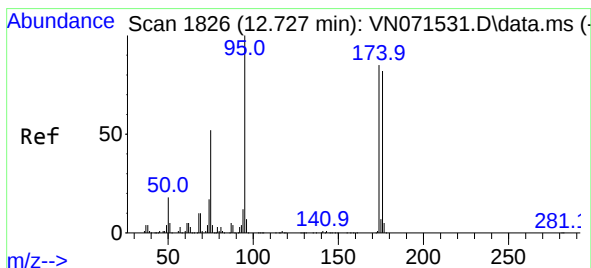
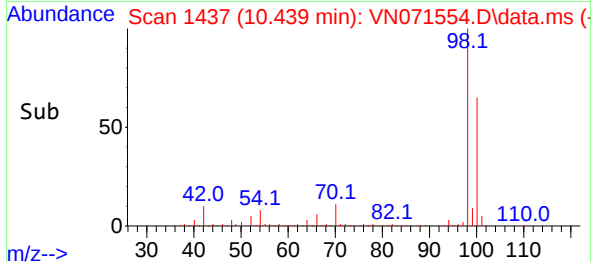
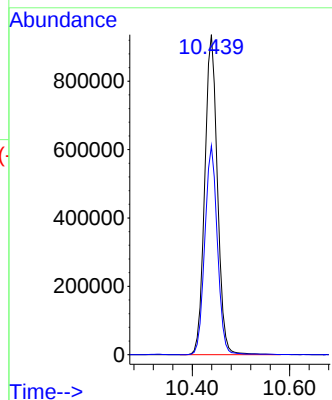
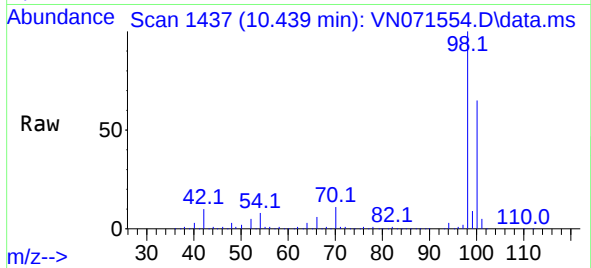




#50
Toluene-d8
Concen: 49.943 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

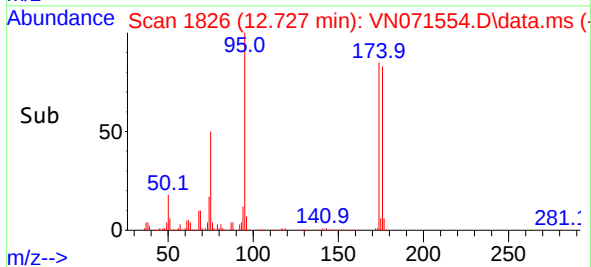
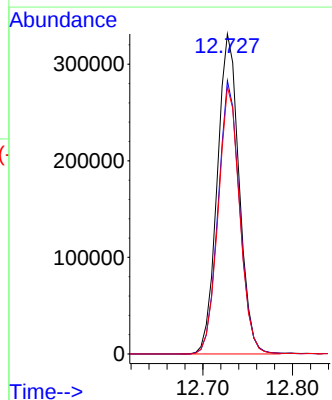
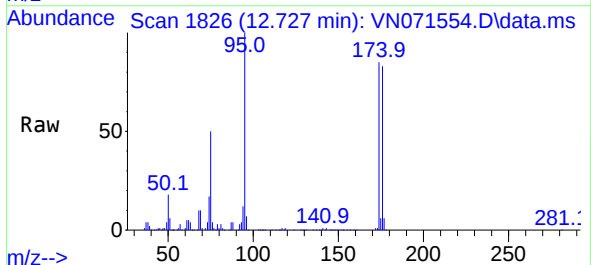
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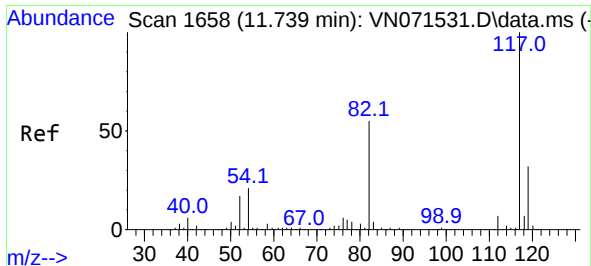
Tgt Ion: 98 Resp: 1681520
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.786 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

Tgt Ion: 95 Resp: 560271
Ion Ratio Lower Upper
95 100
174 83.6 0.0 167.6
176 81.8 0.0 163.4

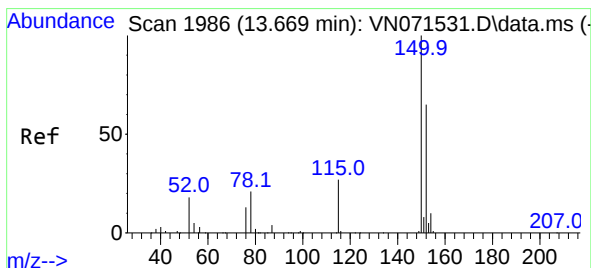
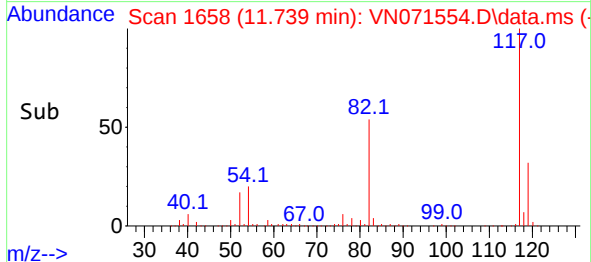
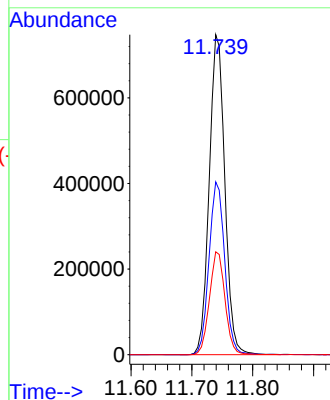
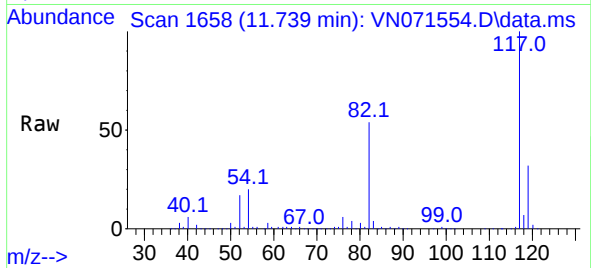




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-4-(2.5-3.0)

Tgt Ion:117 Resp: 1330676
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071554.D
Acq: 25 Mar 2022 17:55

Tgt Ion:152 Resp: 494054
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 157.5 0.0 356.2

