

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071556.D
 Acq On : 25 Mar 2022 18:43
 Operator : JC\MD
 Sample : N2077-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-3-1-(3.0-3.5)

Quant Time: Mar 26 04:06:03 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)

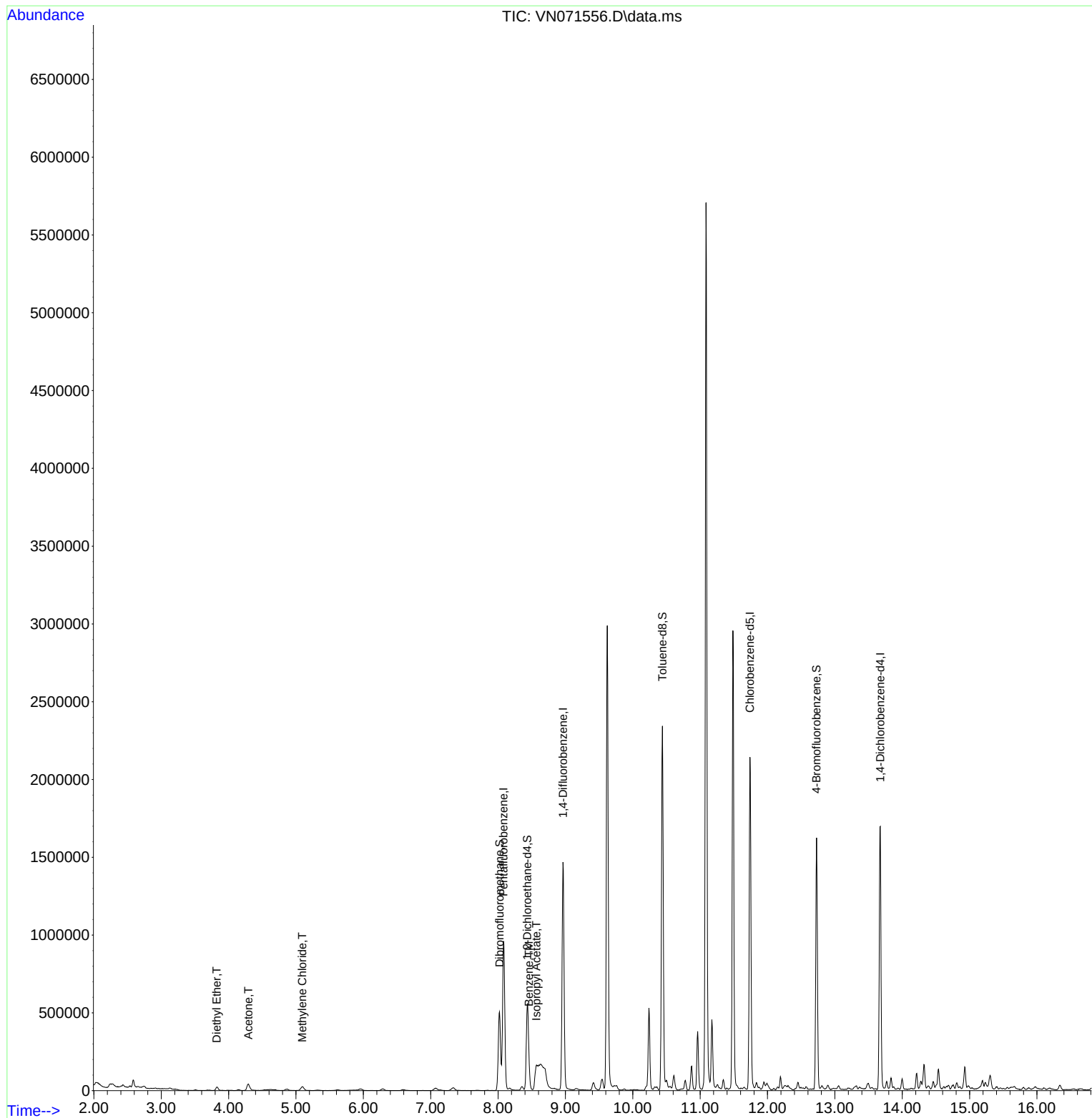
Internal Standards						
1) Pentafluorobenzene	8.080	168	787258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1341417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1320371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	504205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	455198	46.540	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.080%
35) Dibromofluoromethane	8.022	113	376003	44.601	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.200%
50) Toluene-d8	10.439	98	1665399	48.976	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.727	95	564679	50.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.360%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.822	74	14077	2.641	ug/l	100
16) Acetone	4.293	43	78751	19.643	ug/l	97
20) Methylene Chloride	5.092	84	18810	2.014	ug/l #	90
40) Benzene	8.457	78	72433	1.914	ug/l	96
43) Isopropyl Acetate	8.569	43	176848	8.008	ug/l #	68

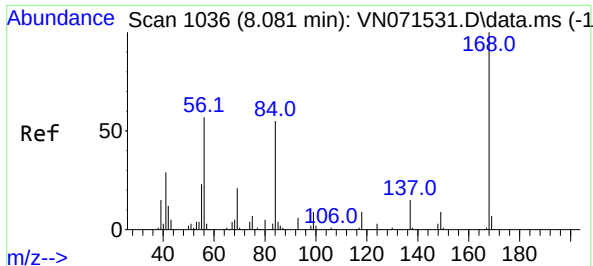
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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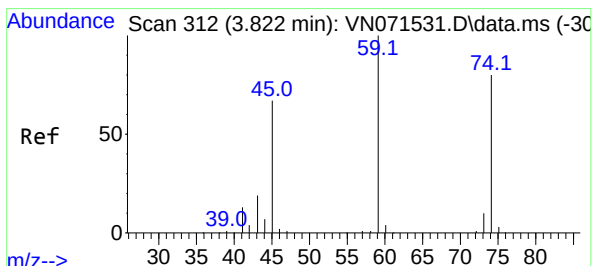
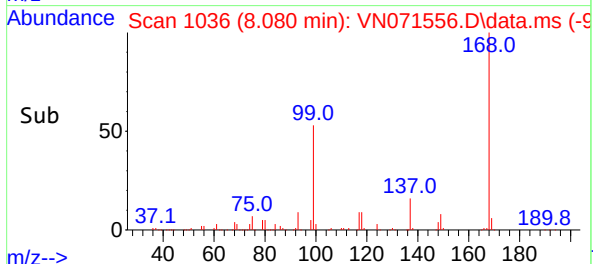
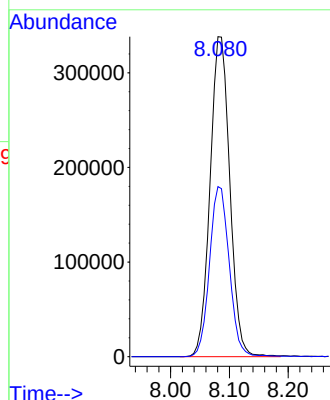
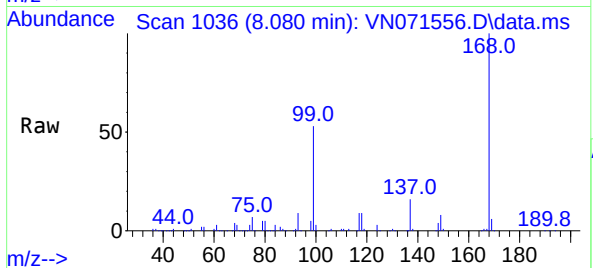




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

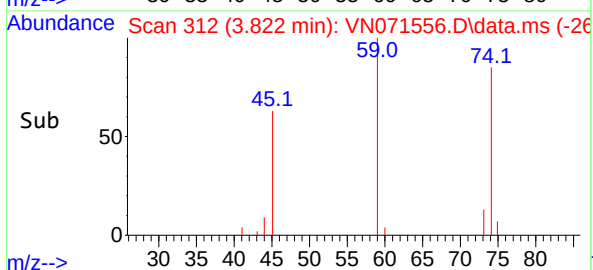
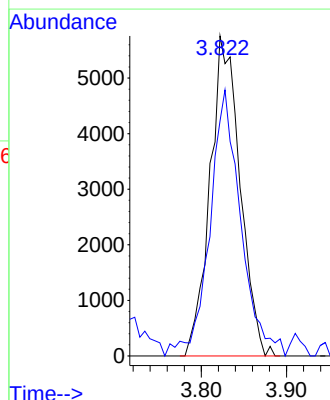
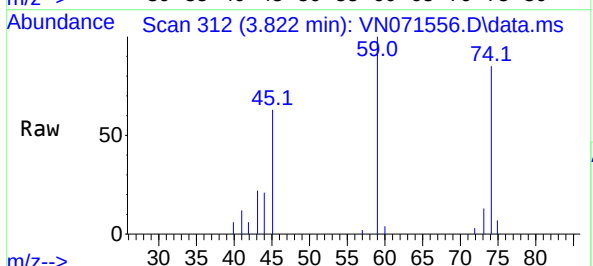
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

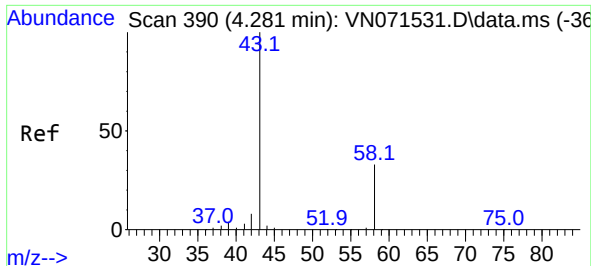
Tgt Ion:168 Resp: 787258
Ion Ratio Lower Upper
168 100
99 53.1 42.3 63.5



#8
Diethyl Ether
Concen: 2.641 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

Tgt Ion: 74 Resp: 14077
Ion Ratio Lower Upper
74 100
45 86.0 42.9 128.5

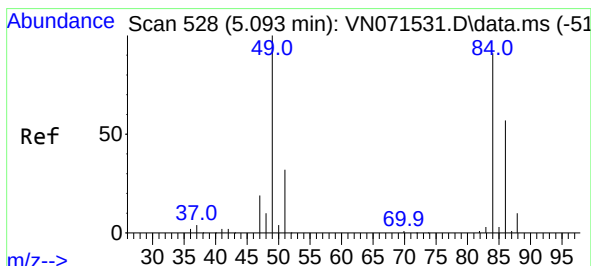
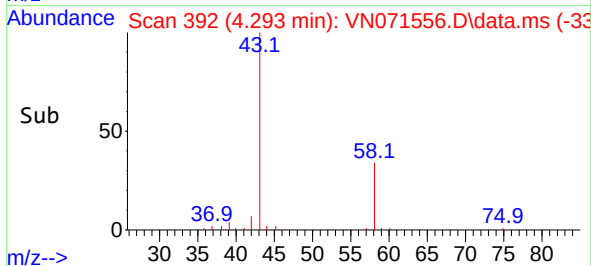
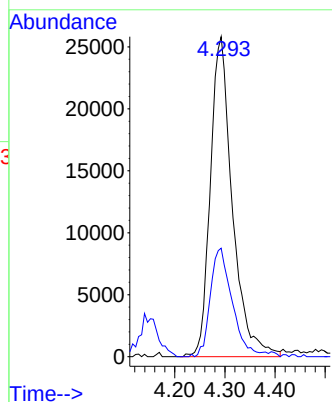
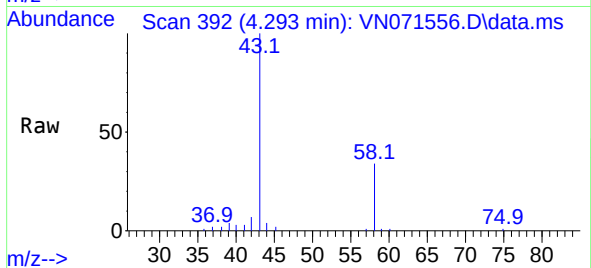




#16
Acetone
Concen: 19.643 ug/l
RT: 4.293 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

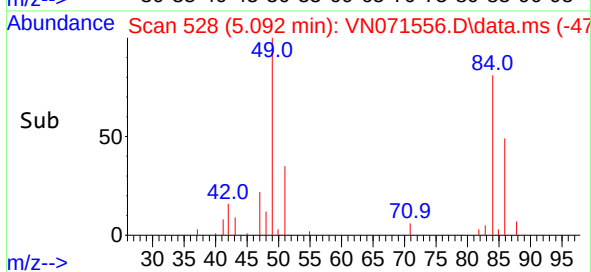
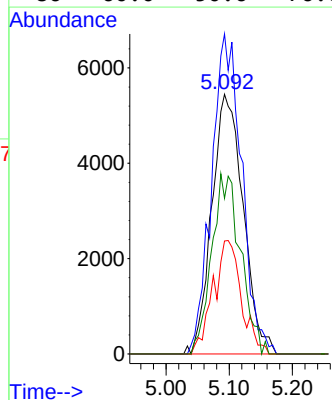
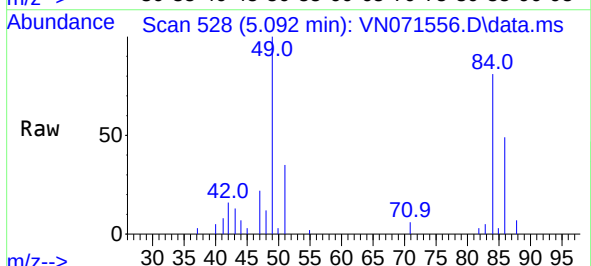
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-1-(3.0-3.5)

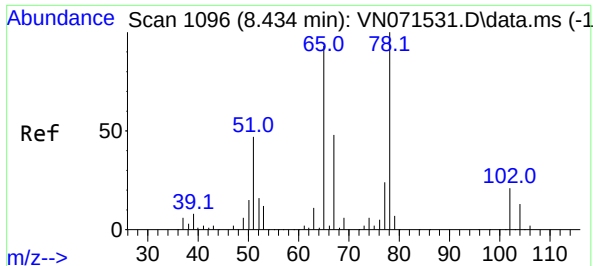
Tgt Ion: 43 Resp: 78751
Ion Ratio Lower Upper
43 100
58 33.9 26.0 39.0



#20
Methylene Chloride
Concen: 2.014 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

Tgt Ion: 84 Resp: 18810
Ion Ratio Lower Upper
84 100
49 123.2 88.3 132.5
51 43.5 28.2 42.2#
86 60.0 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 46.540 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071556.D

Acq: 25 Mar 2022 18:43

Instrument :

MSVOA_N

ClientSampleId :

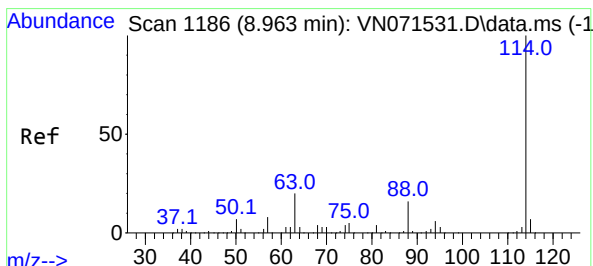
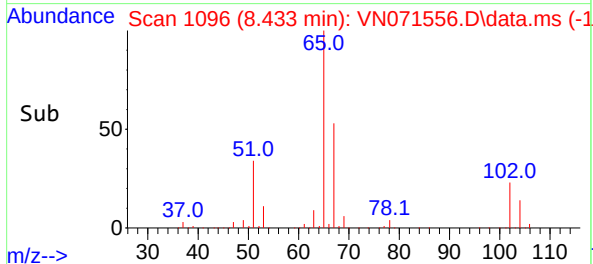
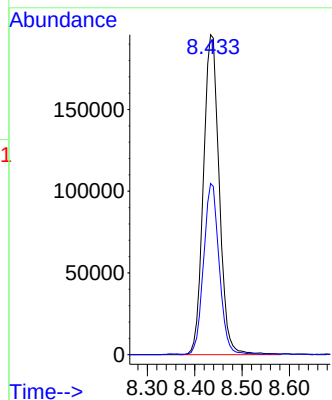
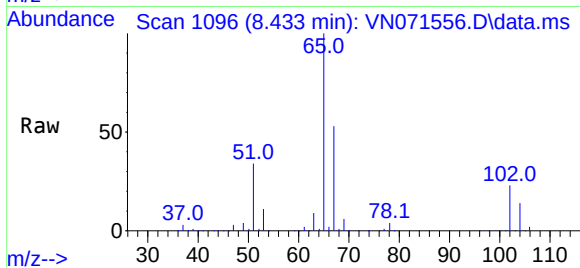
WC-14A-3-1-(3.0-3.5)

Tgt Ion: 65 Resp: 455198

Ion Ratio Lower Upper

65 100

67 52.1 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: VN071556.D

Acq: 25 Mar 2022 18:43

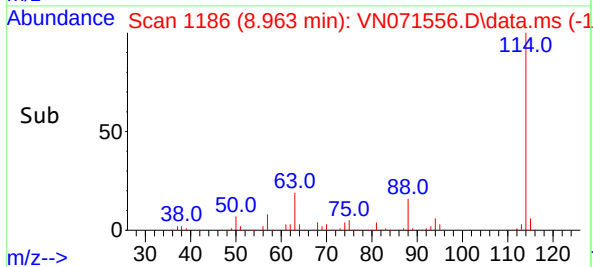
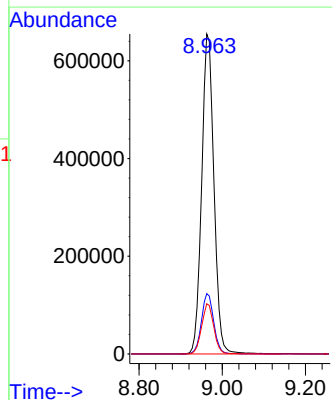
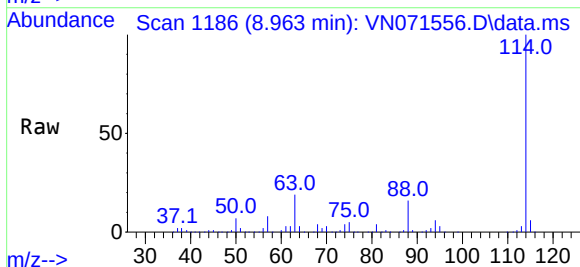
Tgt Ion: 114 Resp: 1341417

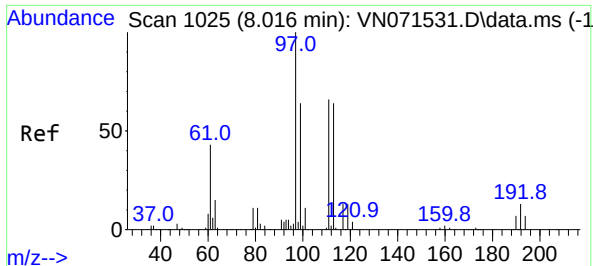
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.7 0.0 32.6

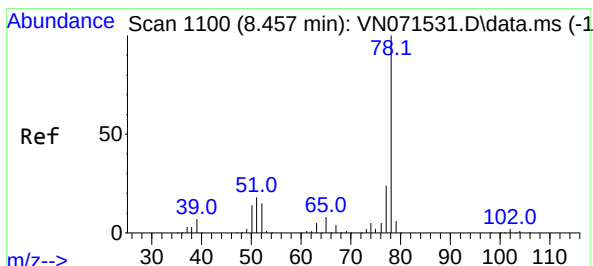
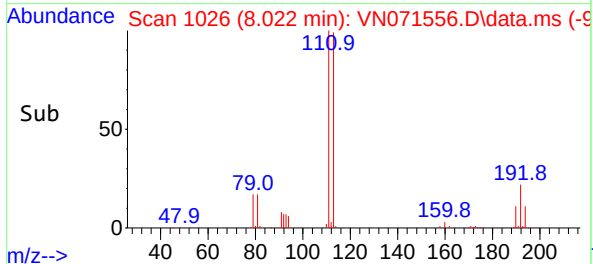
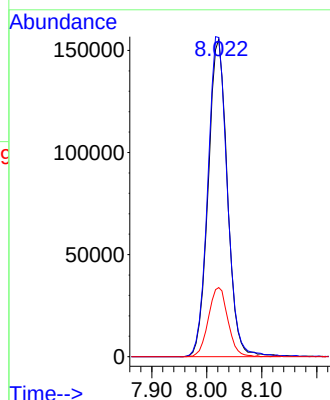
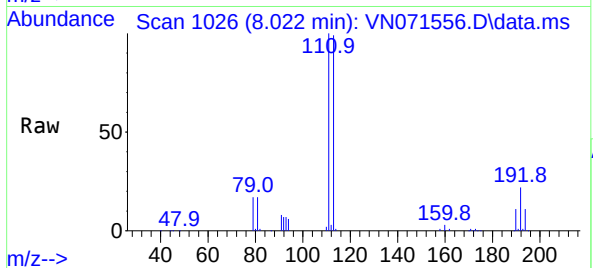




#35
Dibromofluoromethane
Concen: 44.601 ug/l
RT: 8.022 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

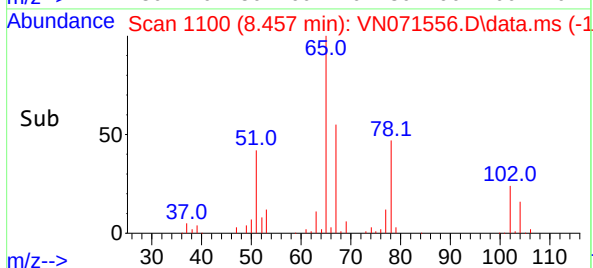
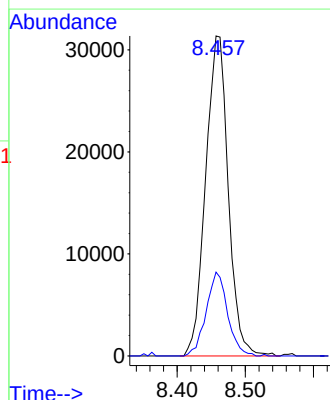
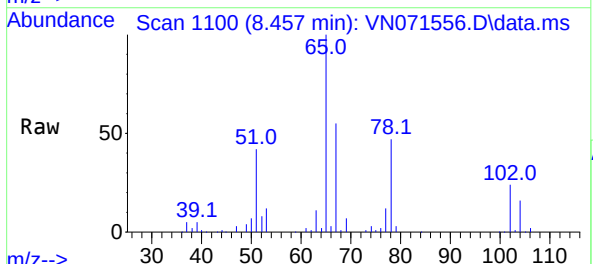
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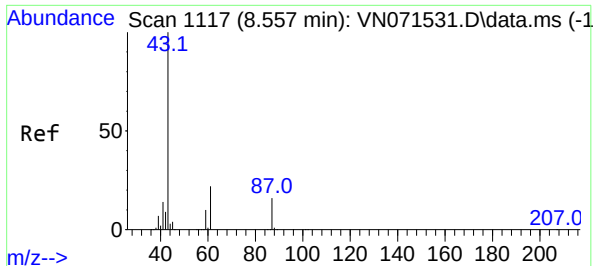
Tgt Ion:113 Resp: 376003
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 22.1 17.0 25.6



#40
Benzene
Concen: 1.914 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

Tgt Ion: 78 Resp: 72433
Ion Ratio Lower Upper
78 100
77 26.2 19.4 29.0

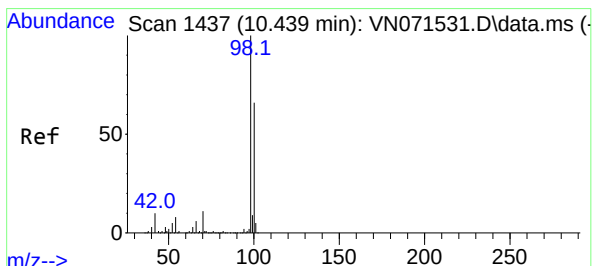
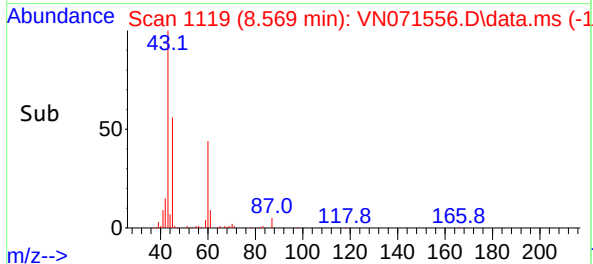
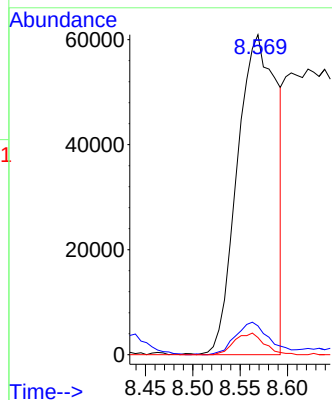
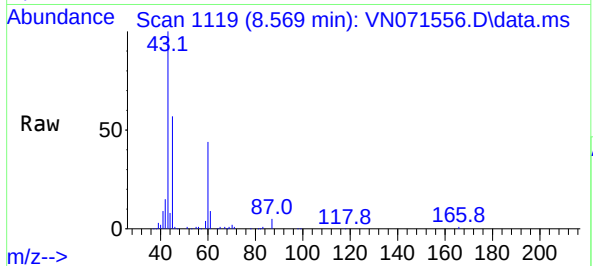




#43
Isopropyl Acetate
Concen: 8.008 ug/l
RT: 8.569 min Scan# 1119
Delta R.T. 0.012 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

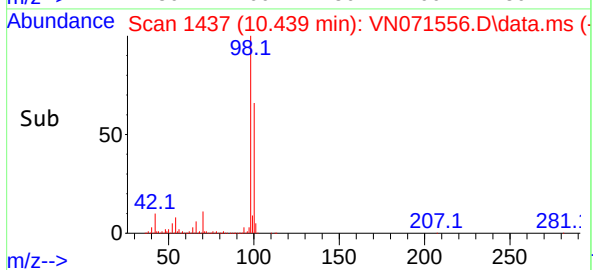
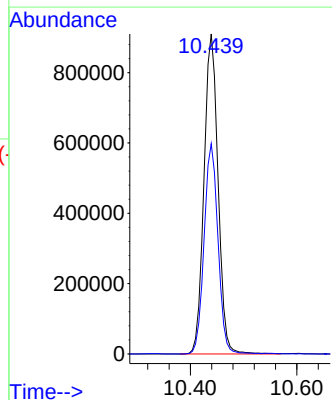
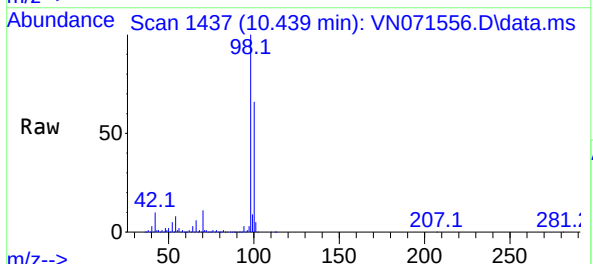
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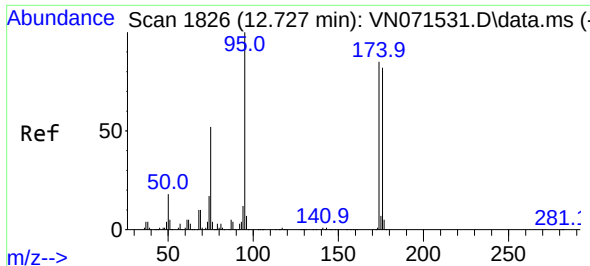
Tgt Ion: 43 Resp: 176848
Ion Ratio Lower Upper
43 100
61 8.8 21.9 32.9#
87 5.1 12.0 18.0#



#50
Toluene-d8
Concen: 48.976 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

Tgt Ion: 98 Resp: 1665399
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

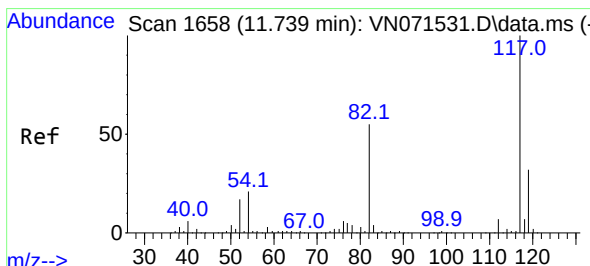
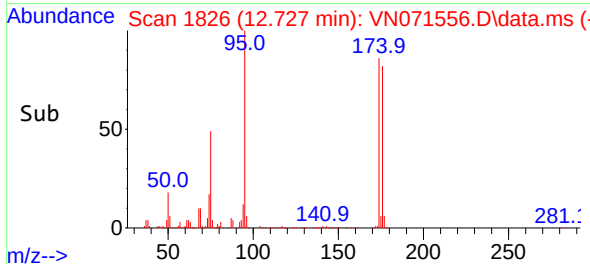
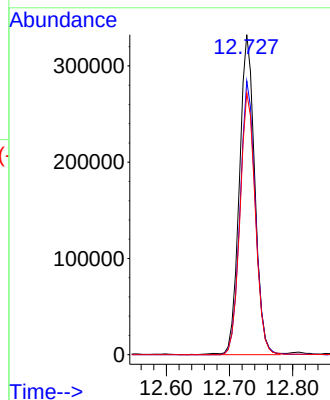
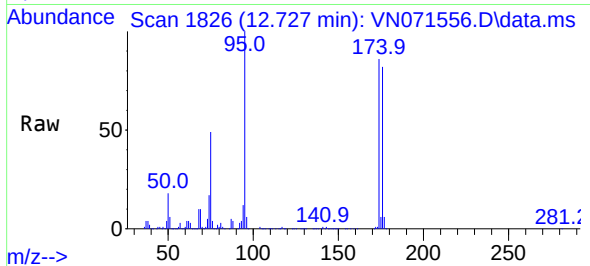




#62
4-Bromofluorobenzene
Concen: 50.681 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

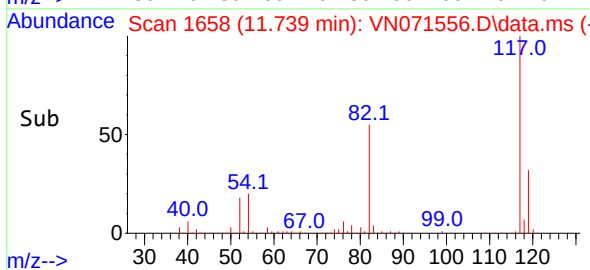
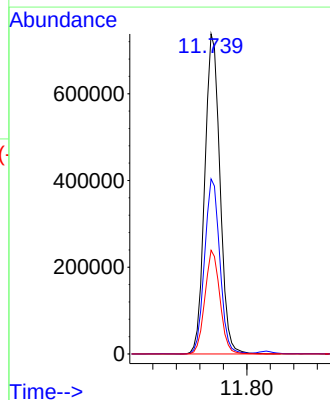
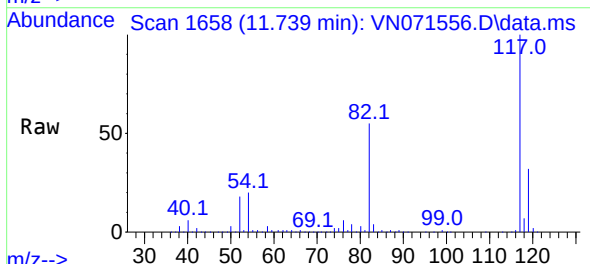
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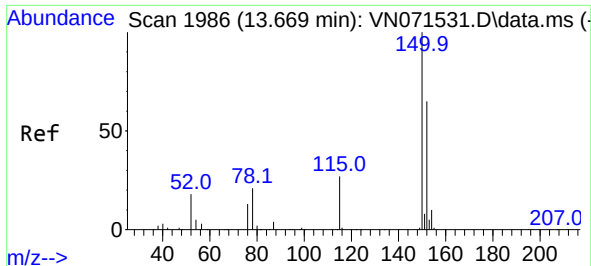
Tgt Ion: 95 Resp: 564679
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 81.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071556.D
Acq: 25 Mar 2022 18:43

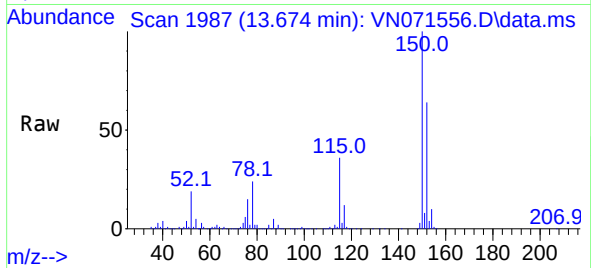
Tgt Ion: 117 Resp: 1320371
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: VN071556.D
 Acq: 25 Mar 2022 18:43

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 504205
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.9 86.7
 150 156.4 0.0 356.2

