

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071544.D
 Acq On : 25 Mar 2022 13:52
 Operator : JC\MD
 Sample : PB143557ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143557ZHE#03

Quant Time: Mar 26 04:01:07 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)

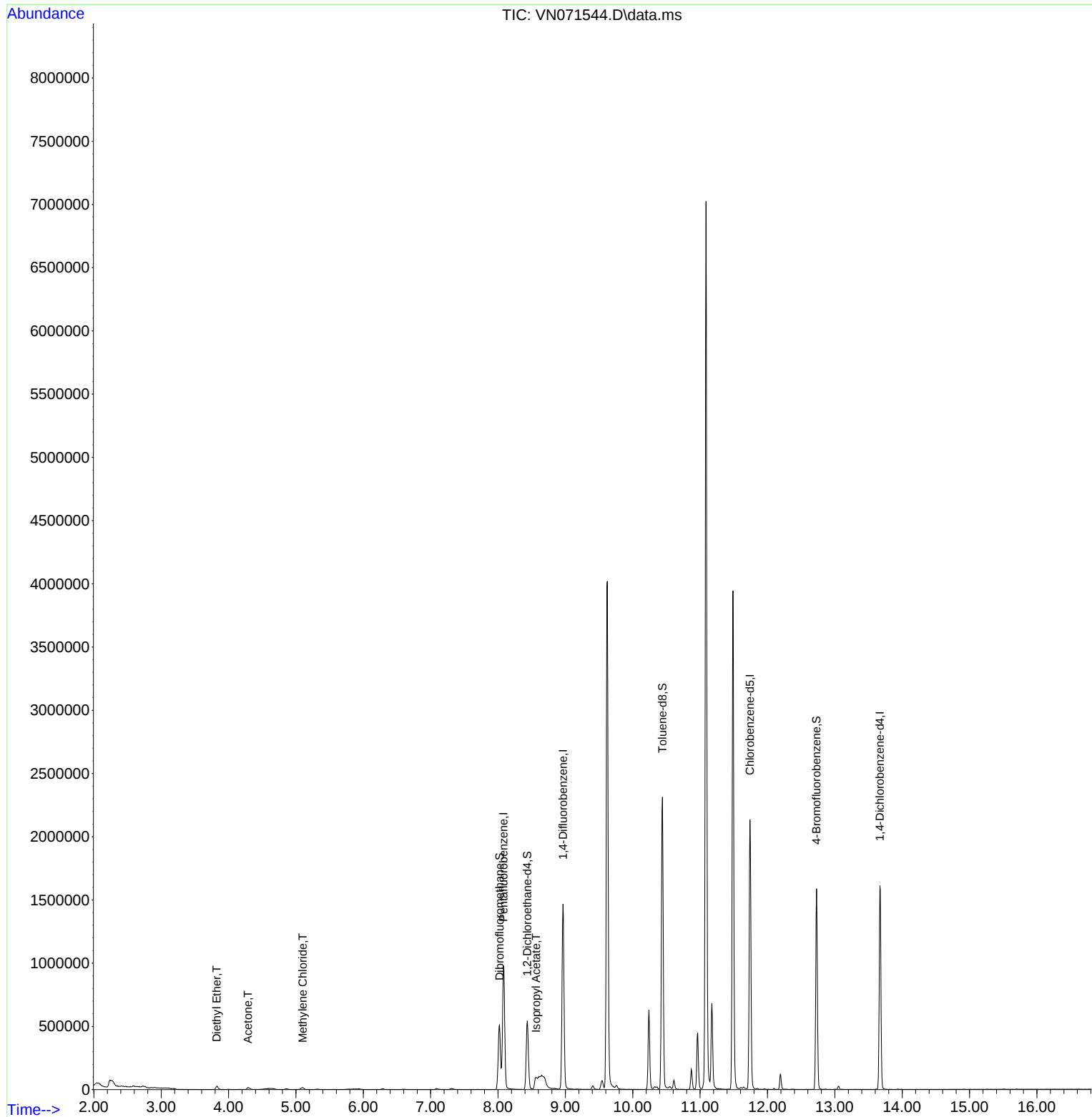
Internal Standards						
1) Pentafluorobenzene	8.081	168	794772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1347137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.740	117	1321484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	470646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	454364	46.015	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.040%
35) Dibromofluoromethane	8.022	113	376226	44.438	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.880%
50) Toluene-d8	10.440	98	1680252	49.203	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.728	95	554366	49.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.080%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.822	74	15705	2.919	ug/l	99
16) Acetone	4.287	43	26503	6.548	ug/l	100
20) Methylene Chloride	5.099	84	13509	1.432	ug/l	96
43) Isopropyl Acetate	8.563	43	112578	4.926	ug/l #	79

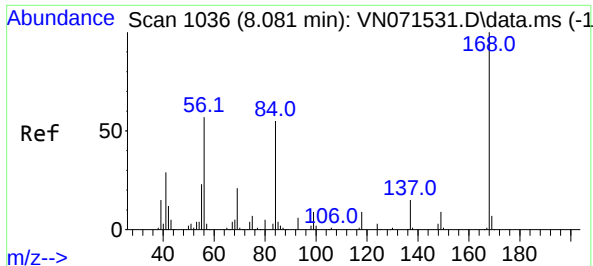
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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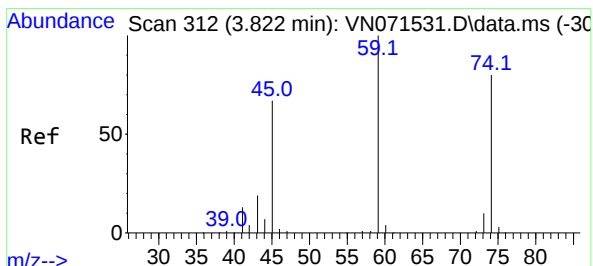
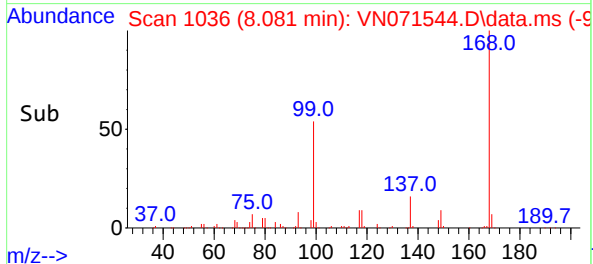
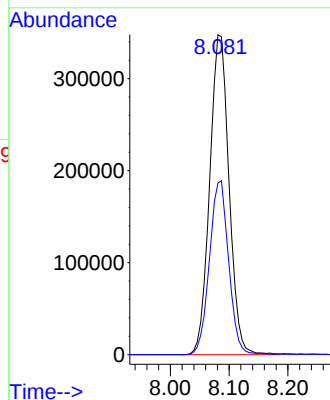
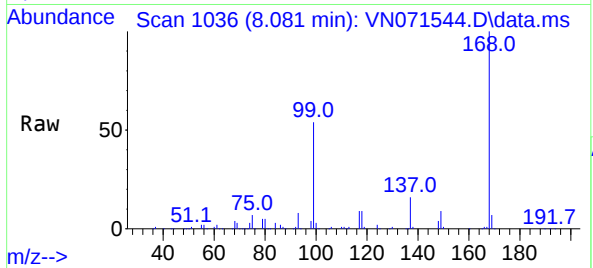




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

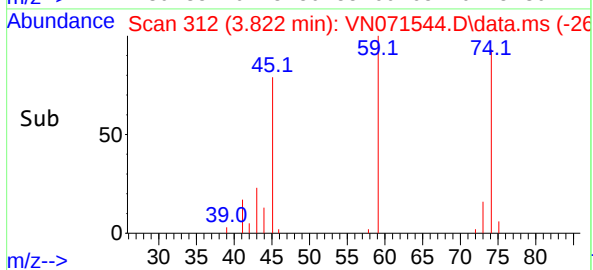
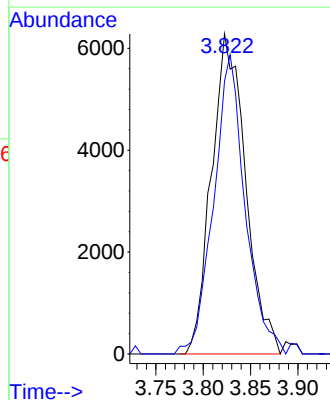
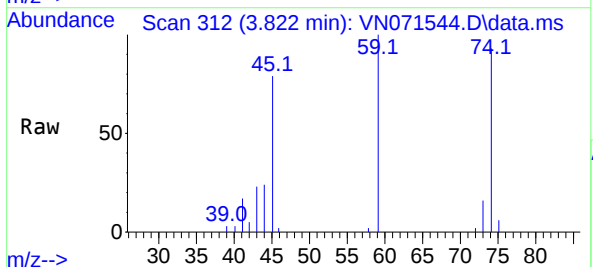
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#03

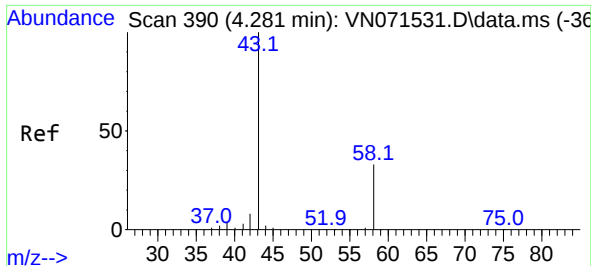
Tgt Ion:168 Resp: 794772
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5



#8
Diethyl Ether
Concen: 2.919 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

Tgt Ion: 74 Resp: 15705
Ion Ratio Lower Upper
74 100
45 86.3 42.9 128.5

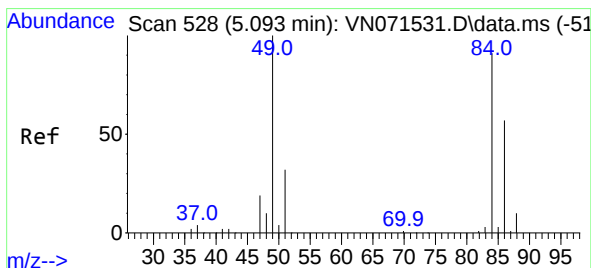
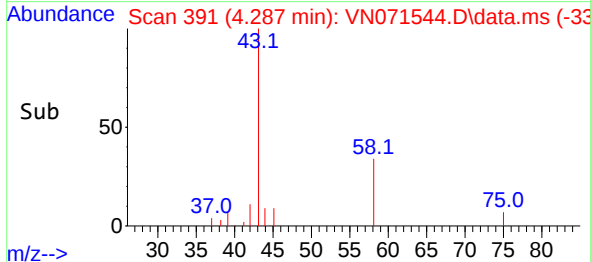
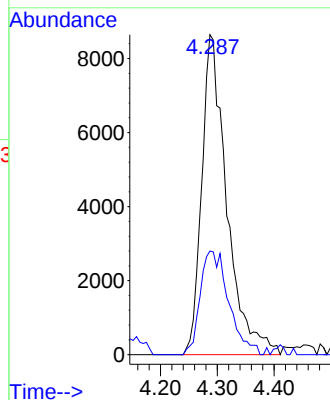
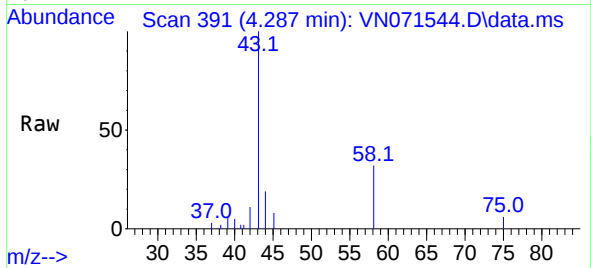




#16
Acetone
Concen: 6.548 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

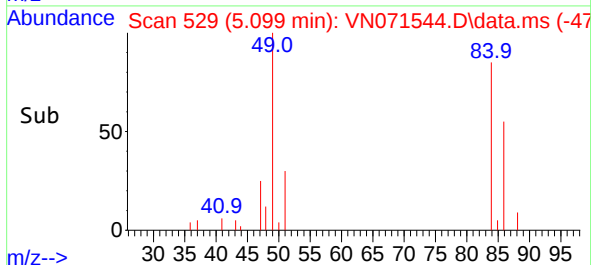
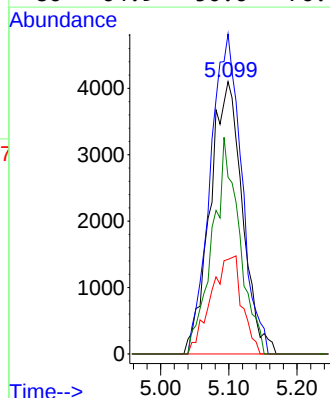
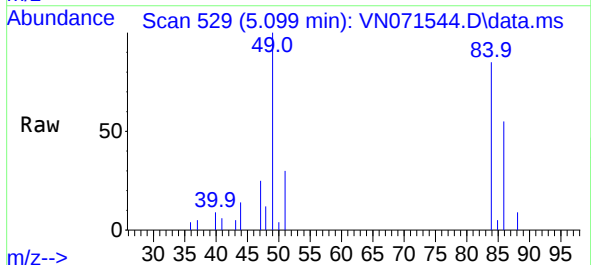
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#03

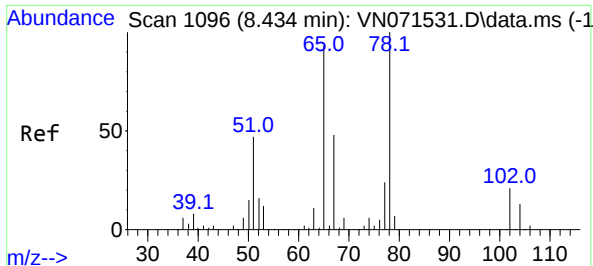
Tgt Ion: 43 Resp: 26503
Ion Ratio Lower Upper
43 100
58 32.4 26.0 39.0



#20
Methylene Chloride
Concen: 1.432 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

Tgt Ion: 84 Resp: 13509
Ion Ratio Lower Upper
84 100
49 117.5 88.3 132.5
51 34.7 28.2 42.2
86 64.9 50.6 76.0

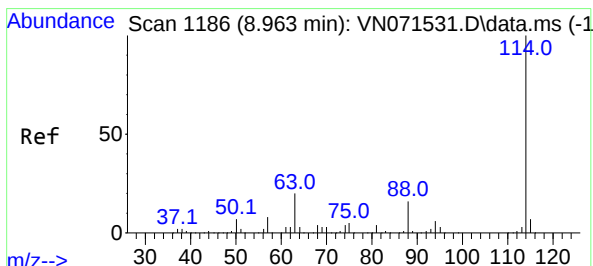
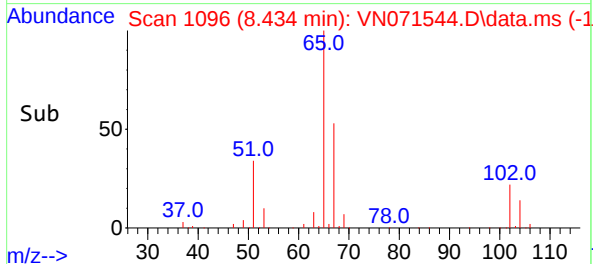
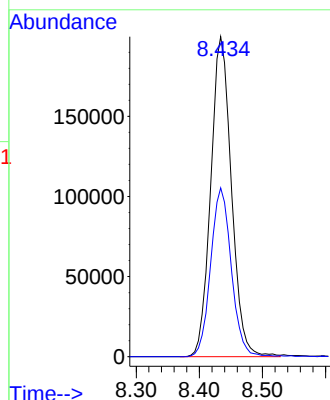
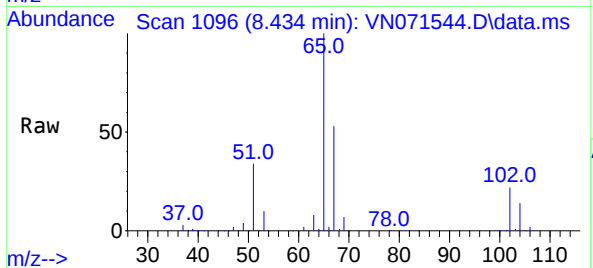




#33
1,2-Dichloroethane-d4
Concen: 46.015 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

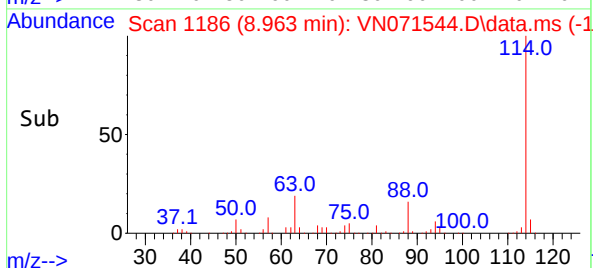
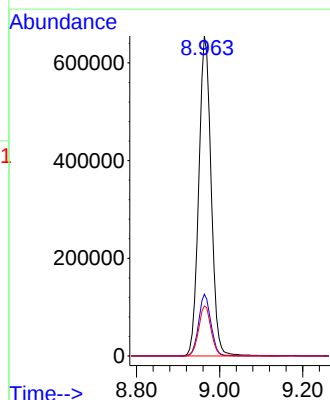
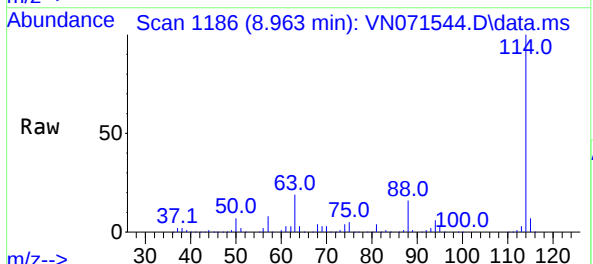
Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#03

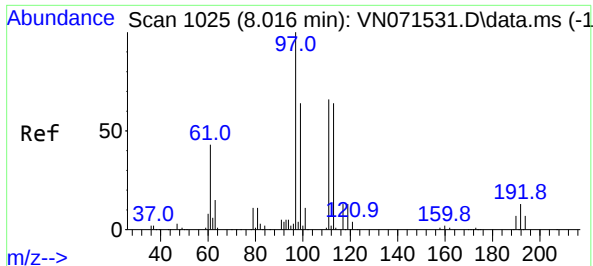
Tgt Ion: 65 Resp: 454364
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

Tgt Ion: 114 Resp: 1347137
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.6 0.0 32.6

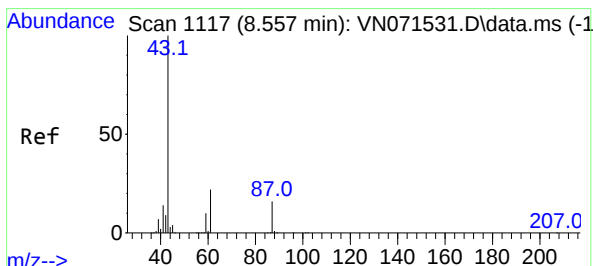
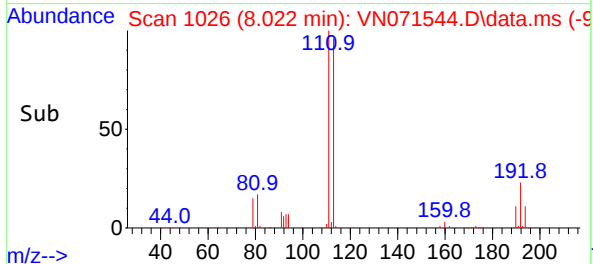
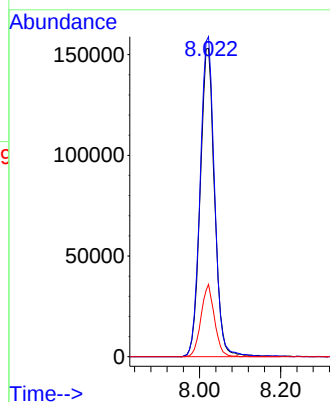
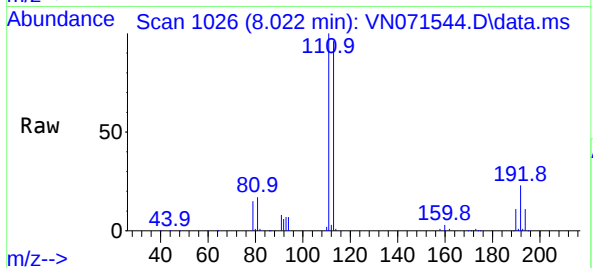




#35
Dibromofluoromethane
Concen: 44.438 ug/l
RT: 8.022 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

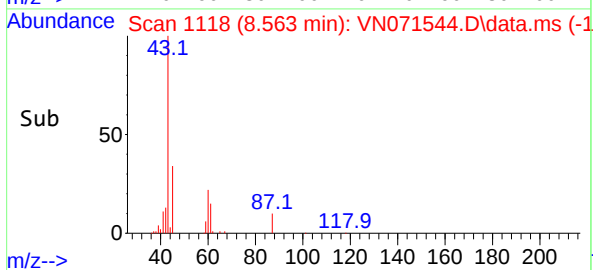
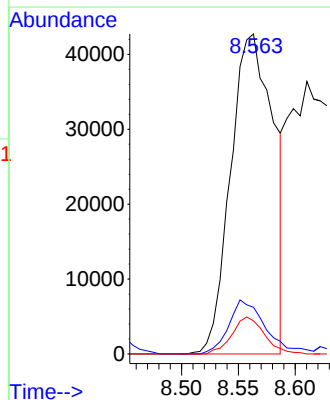
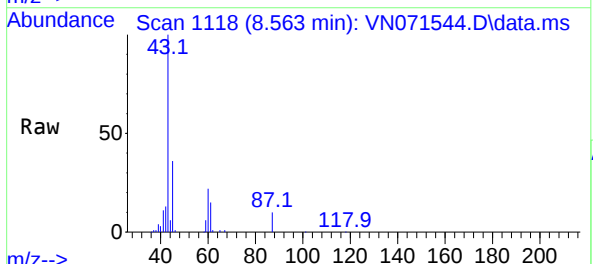
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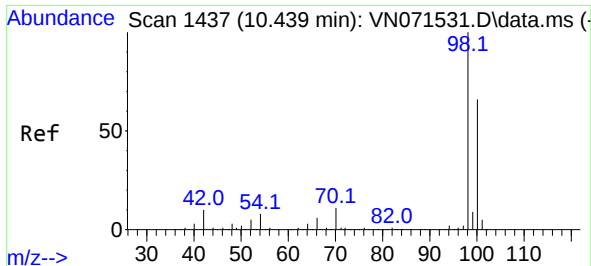
Tgt Ion:113 Resp: 376226
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 21.9 17.0 25.6



#43
Isopropyl Acetate
Concen: 4.926 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

Tgt Ion: 43 Resp: 112578
Ion Ratio Lower Upper
43 100
61 14.5 21.9 32.9#
87 8.7 12.0 18.0#

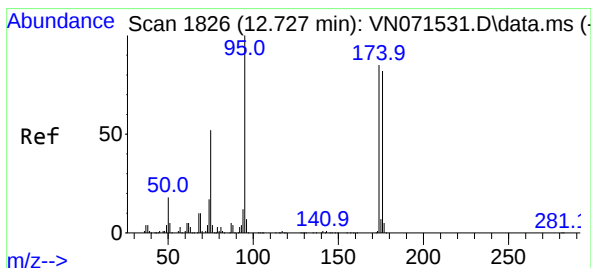
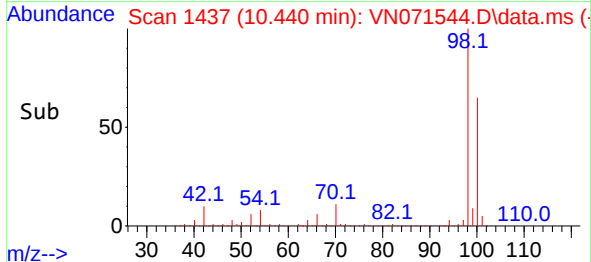
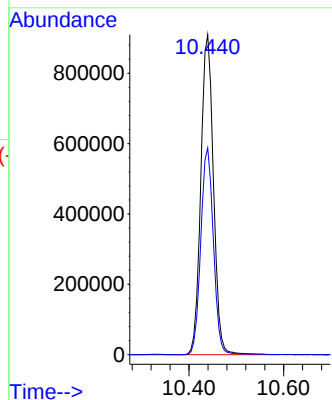
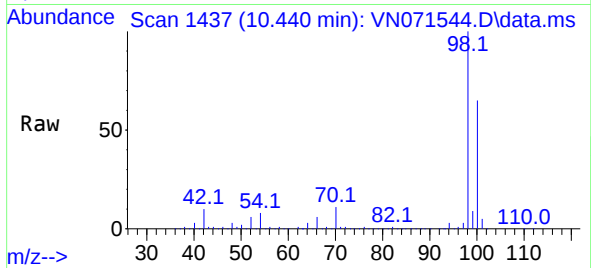




#50
Toluene-d8
Concen: 49.203 ug/l
RT: 10.440 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

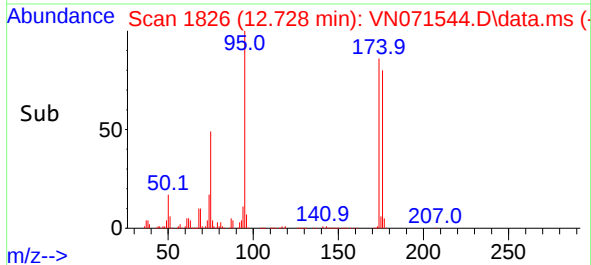
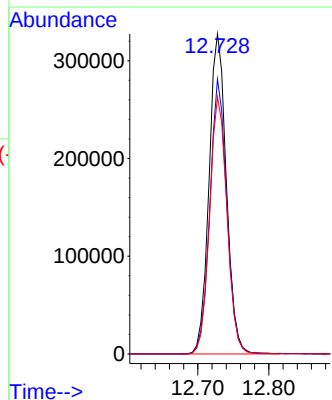
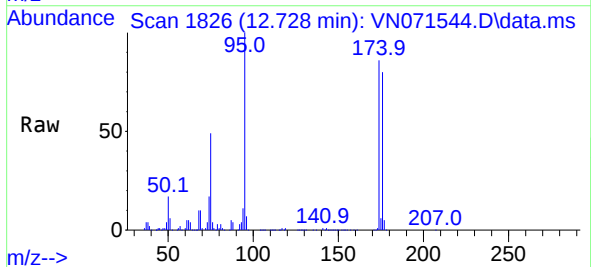
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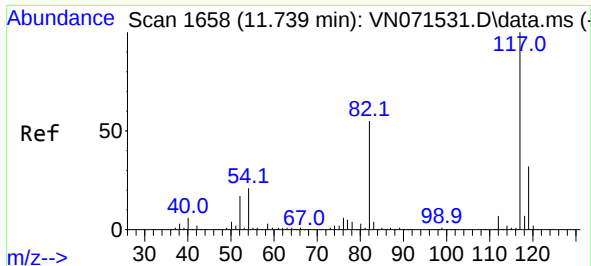
Tgt Ion: 98 Resp: 1680252
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.544 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

Tgt Ion: 95 Resp: 554366
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 80.2 0.0 163.4

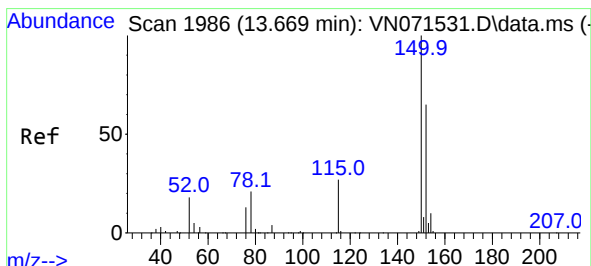
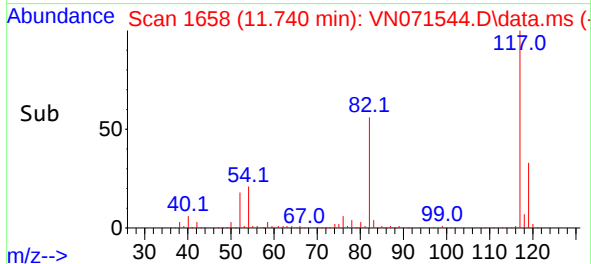
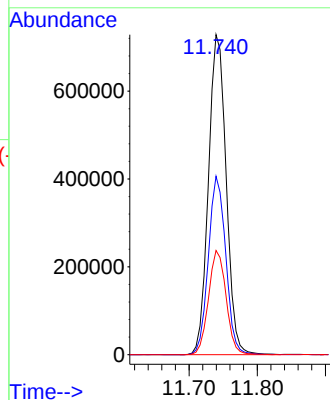
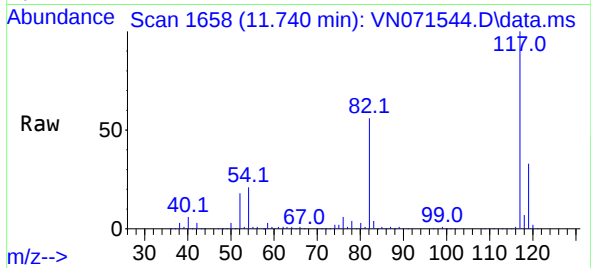




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.740 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#03

Tgt Ion:117 Resp: 1321484
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071544.D
Acq: 25 Mar 2022 13:52

Tgt Ion:152 Resp: 470646
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.7
150 158.6 0.0 356.2

