

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077378.D
 Acq On : 19 Apr 2023 16:21
 Operator : JC\MD
 Sample : PB152199ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#06

Quant Time: Apr 20 04:26:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

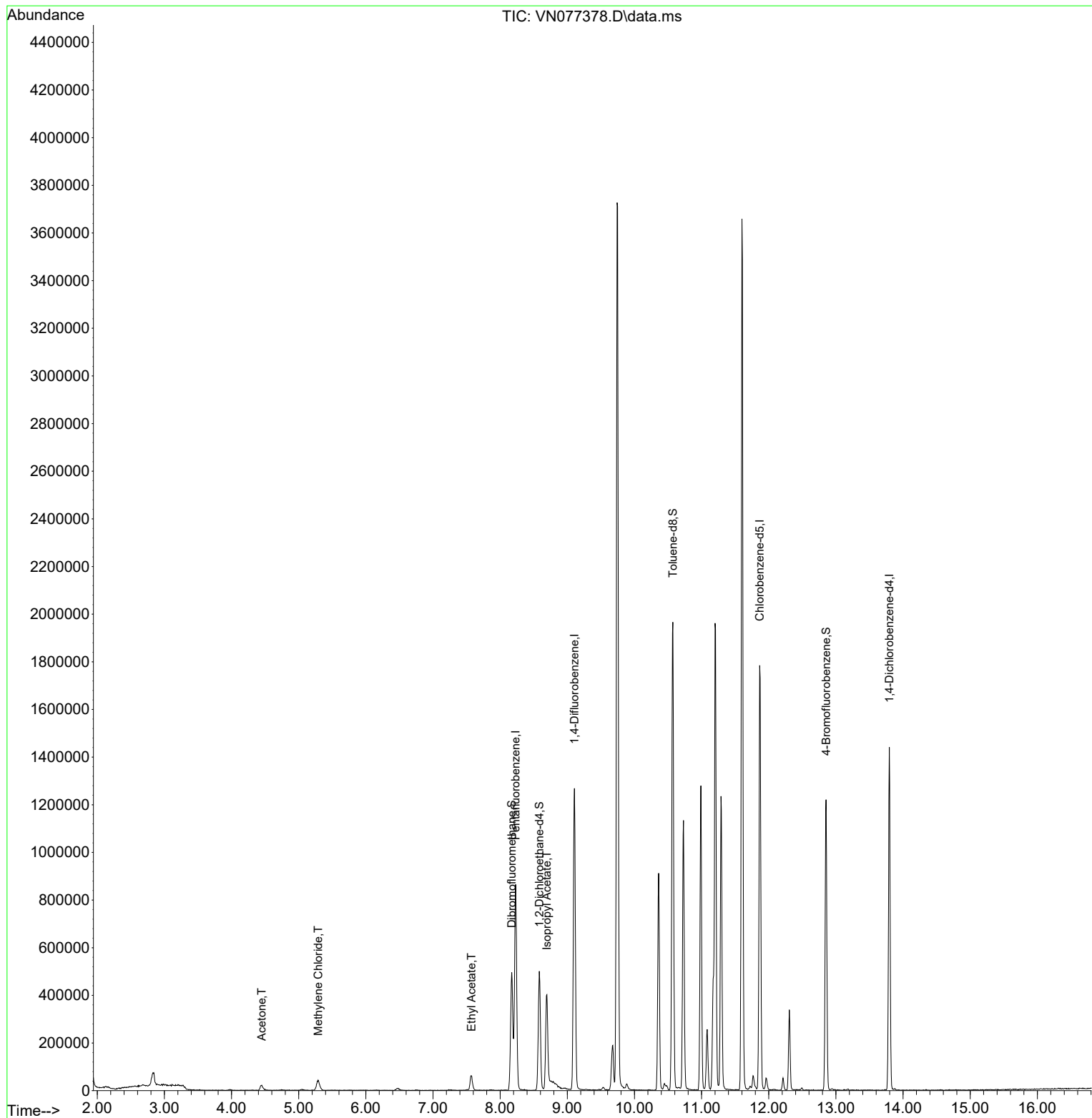
Internal Standards						
1) Pentafluorobenzene	8.231	168	615079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1180830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1084622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	381254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	390310	46.429	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.860%		
35) Dibromofluoromethane	8.172	113	356518	47.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.320%		
50) Toluene-d8	10.572	98	1436473	47.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.854	95	442117	43.683	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.360%		
Target Compounds						
16) Acetone	4.448	43	39810	12.844	ug/l	96
20) Methylene Chloride	5.290	84	37196	4.249	ug/l	98
37) Ethyl Acetate	7.572	43	88546	8.852	ug/l #	93
43) Isopropyl Acetate	8.695	43	449822	24.370	ug/l #	91

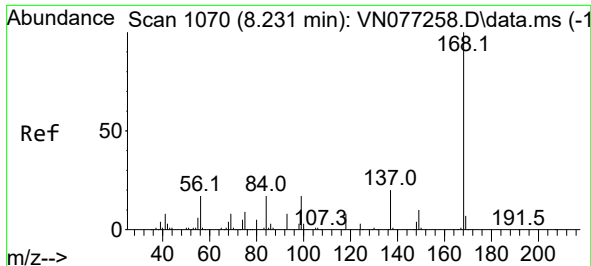
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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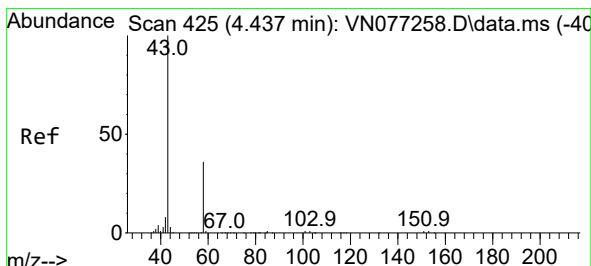
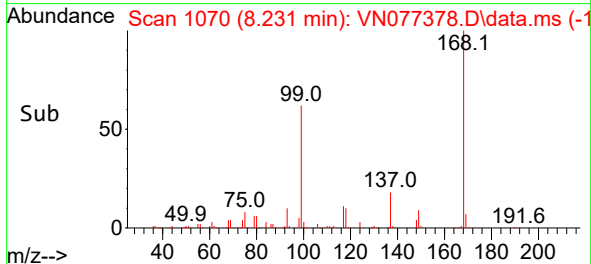
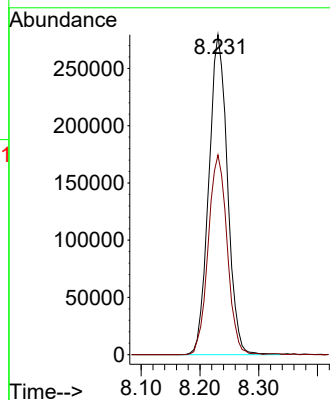
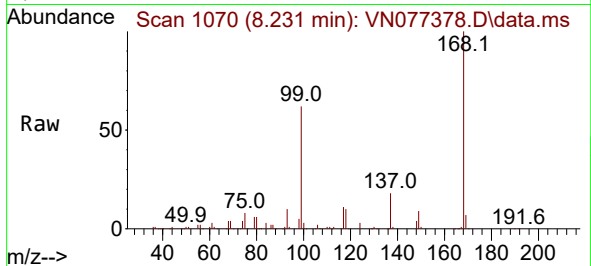




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

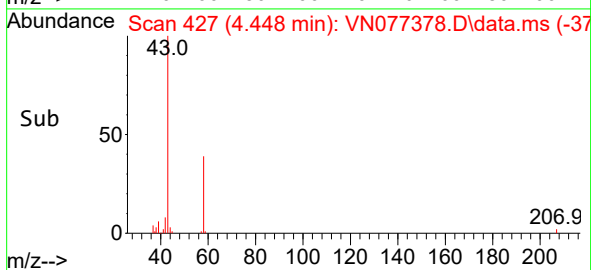
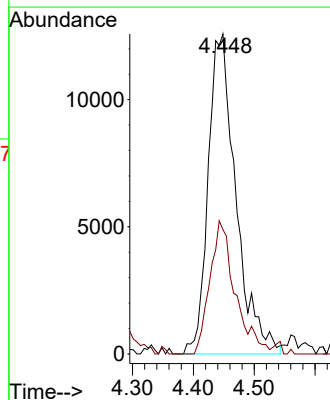
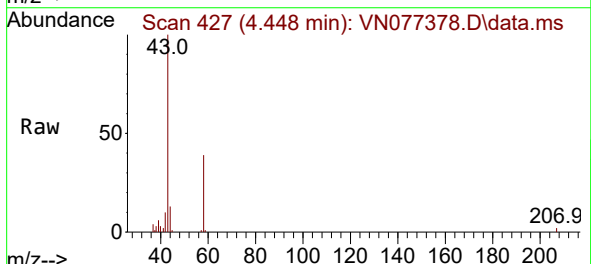
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#06

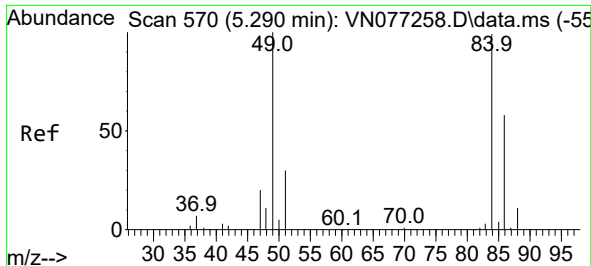
Tgt Ion:168 Resp: 615079
Ion Ratio Lower Upper
168 100
99 62.4 50.6 75.8



#16
Acetone
Concen: 12.844 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

Tgt Ion: 43 Resp: 39810
Ion Ratio Lower Upper
43 100
58 38.9 29.0 43.6

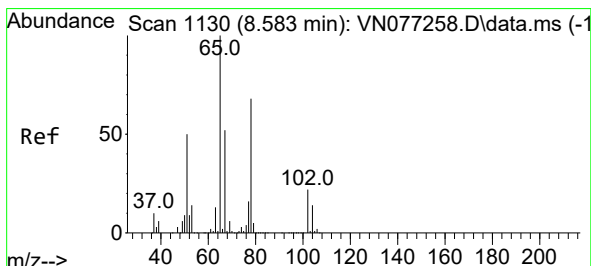
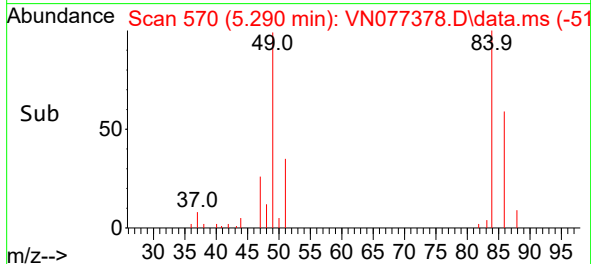
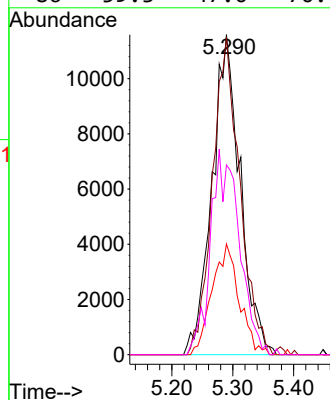
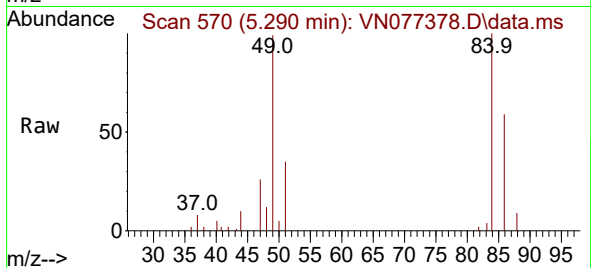




#20
Methylene Chloride
Concen: 4.249 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

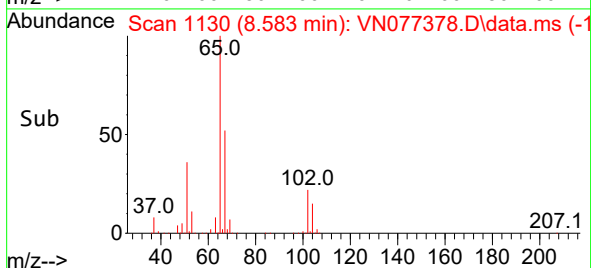
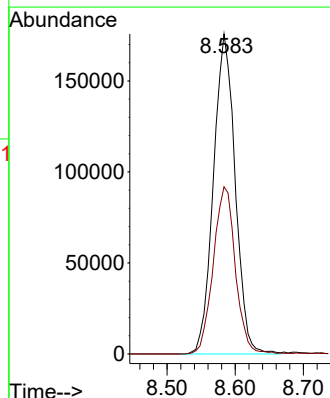
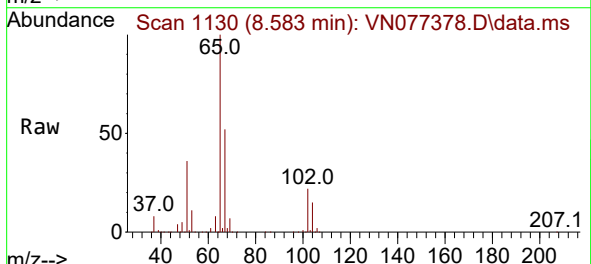
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#06

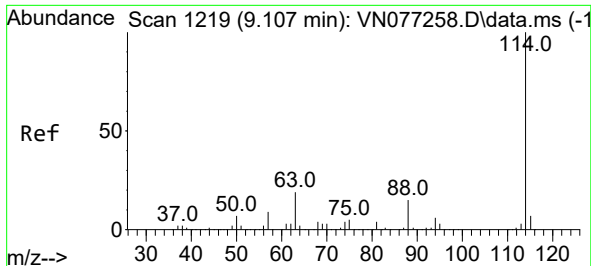
Tgt Ion:	84	Resp:	37196
Ion	Ratio	Lower	Upper
84	100		
49	99.2	80.6	121.0
51	34.6	24.4	36.6
86	59.3	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 46.429 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

Tgt Ion:	65	Resp:	390310
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.8

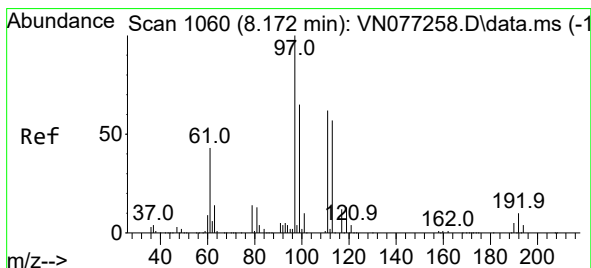
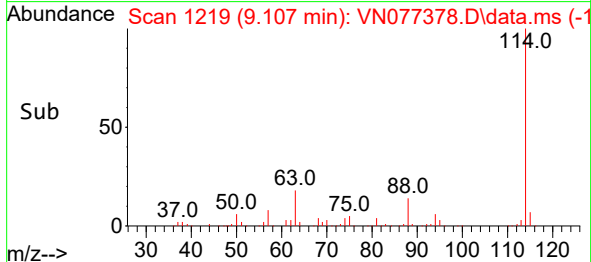
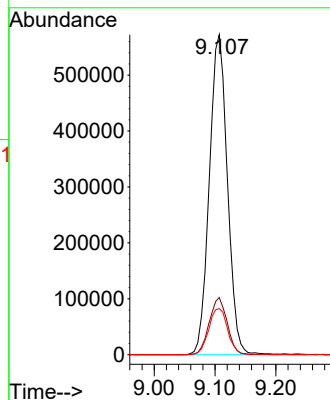
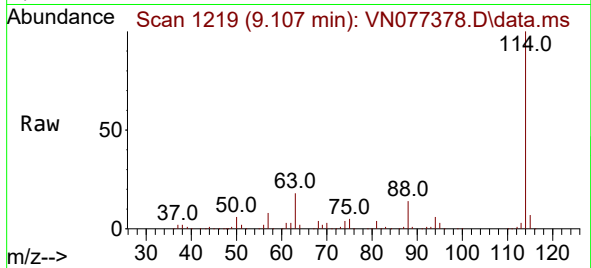




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

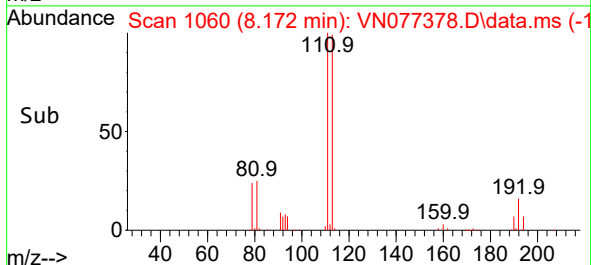
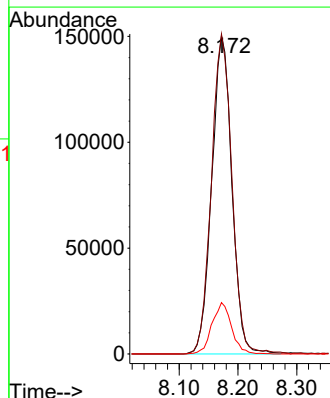
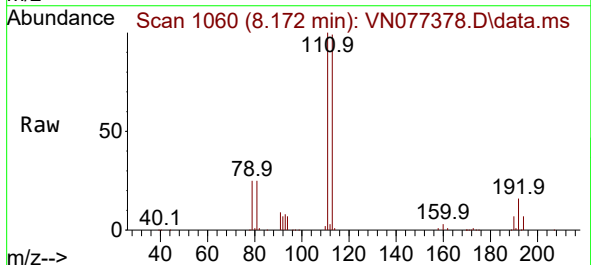
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#06

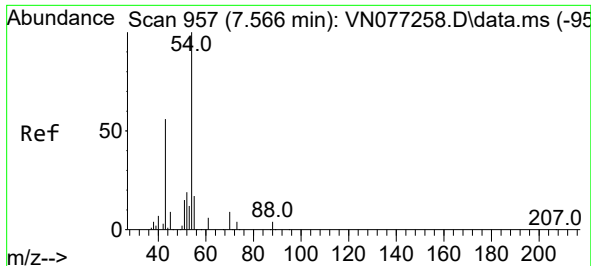
Tgt Ion:114 Resp: 1180830
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.8
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.163 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

Tgt Ion:113 Resp: 356518
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.0
192 15.7 13.5 20.3

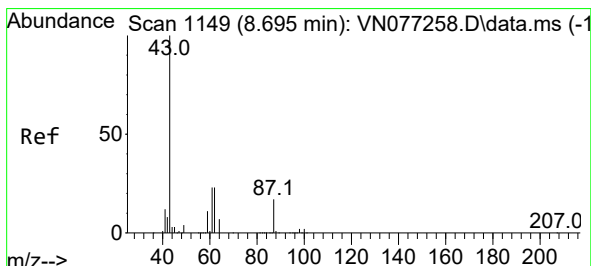
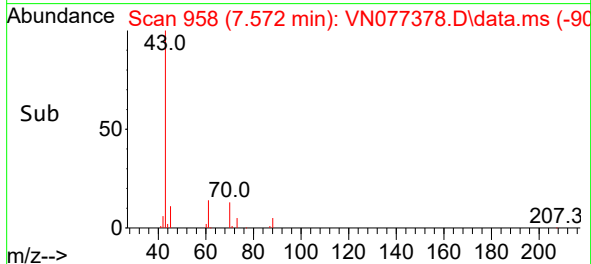
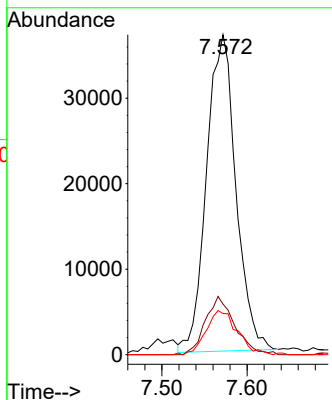
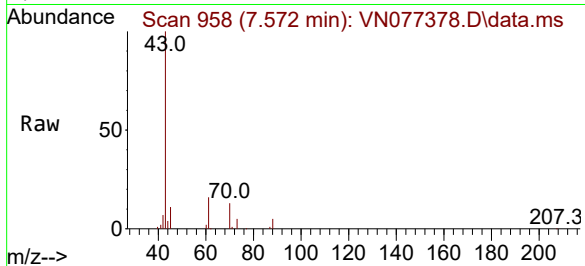




#37
Ethyl Acetate
Concen: 8.852 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

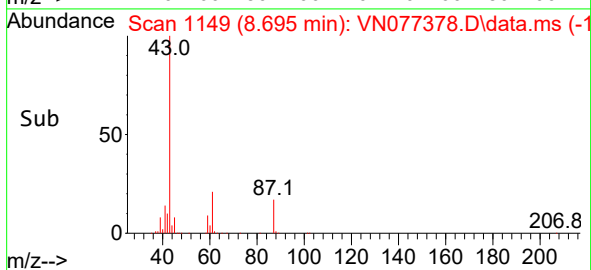
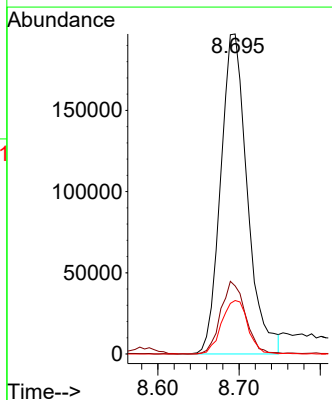
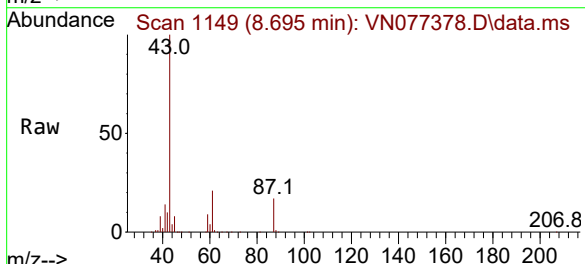
Instrument :
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ClientSampleId :
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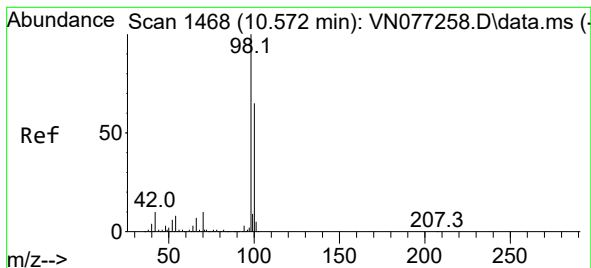
Tgt Ion: 43 Resp: 88546
Ion Ratio Lower Upper
43 100
61 18.4 12.2 18.2#
70 14.8 10.0 15.0



#43
Isopropyl Acetate
Concen: 24.370 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

Tgt Ion: 43 Resp: 449822
Ion Ratio Lower Upper
43 100
61 21.0 22.7 34.1#
87 16.4 13.6 20.4

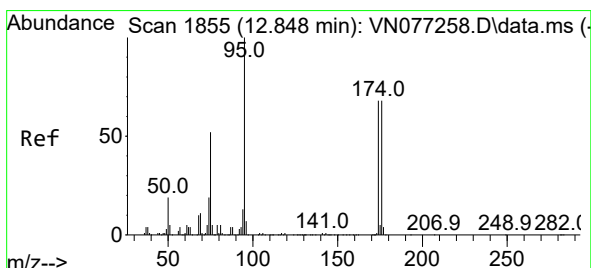
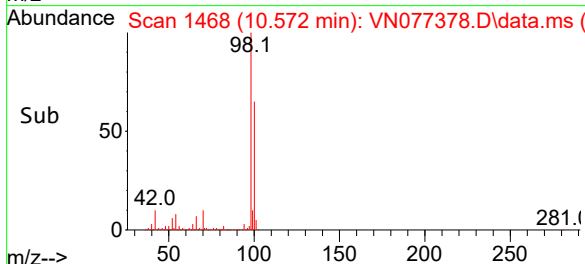
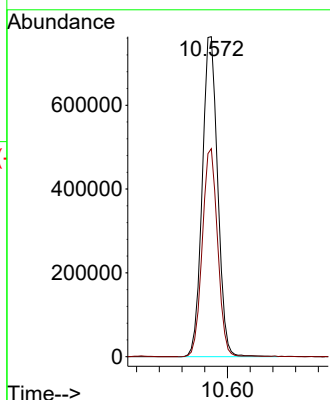
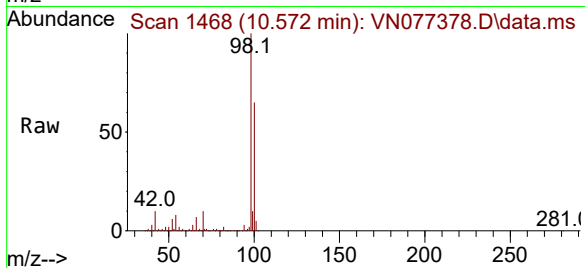




#50
Toluene-d8
Concen: 47.204 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

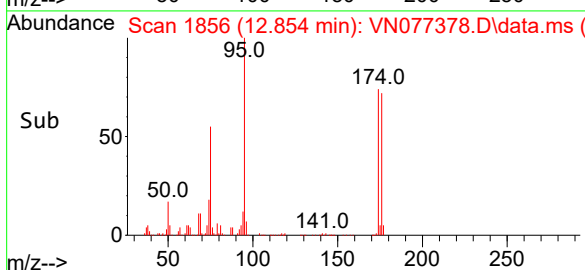
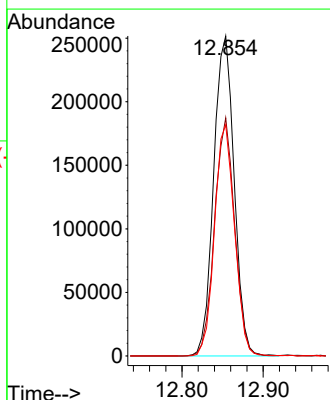
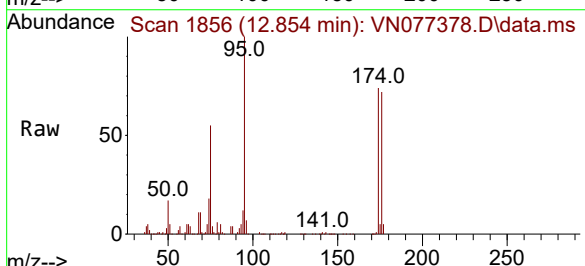
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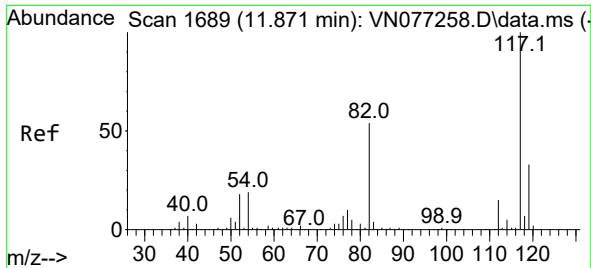
Tgt Ion: 98 Resp: 1436473
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.683 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

Tgt Ion: 95 Resp: 442117
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.8
176 70.5 0.0 139.6

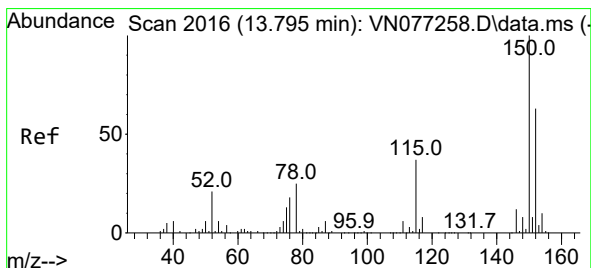
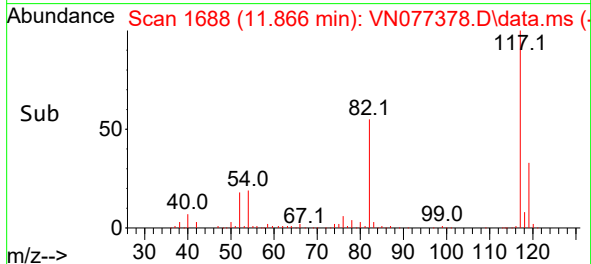
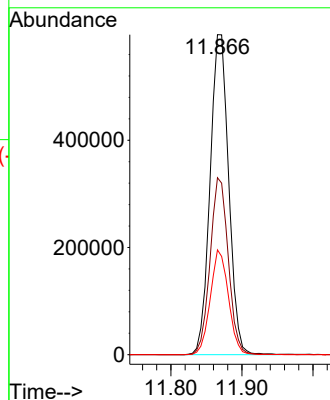
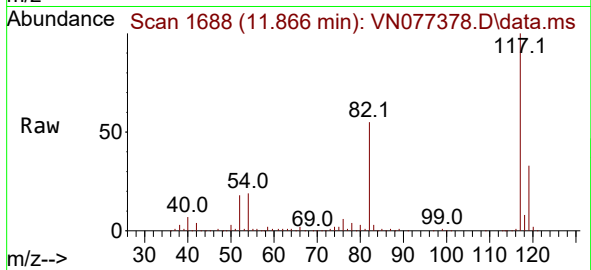




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#06

Tgt Ion:117 Resp: 1084622
Ion Ratio Lower Upper
117 100
82 55.3 42.9 64.3
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077378.D
Acq: 19 Apr 2023 16:21

Tgt Ion:152 Resp: 381254
Ion Ratio Lower Upper
152 100
115 64.8 32.1 96.3
150 159.1 0.0 354.8

