

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077377.D
 Acq On : 19 Apr 2023 15:57
 Operator : JC\MD
 Sample : PB152199ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#05

Quant Time: Apr 20 04:26:30 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

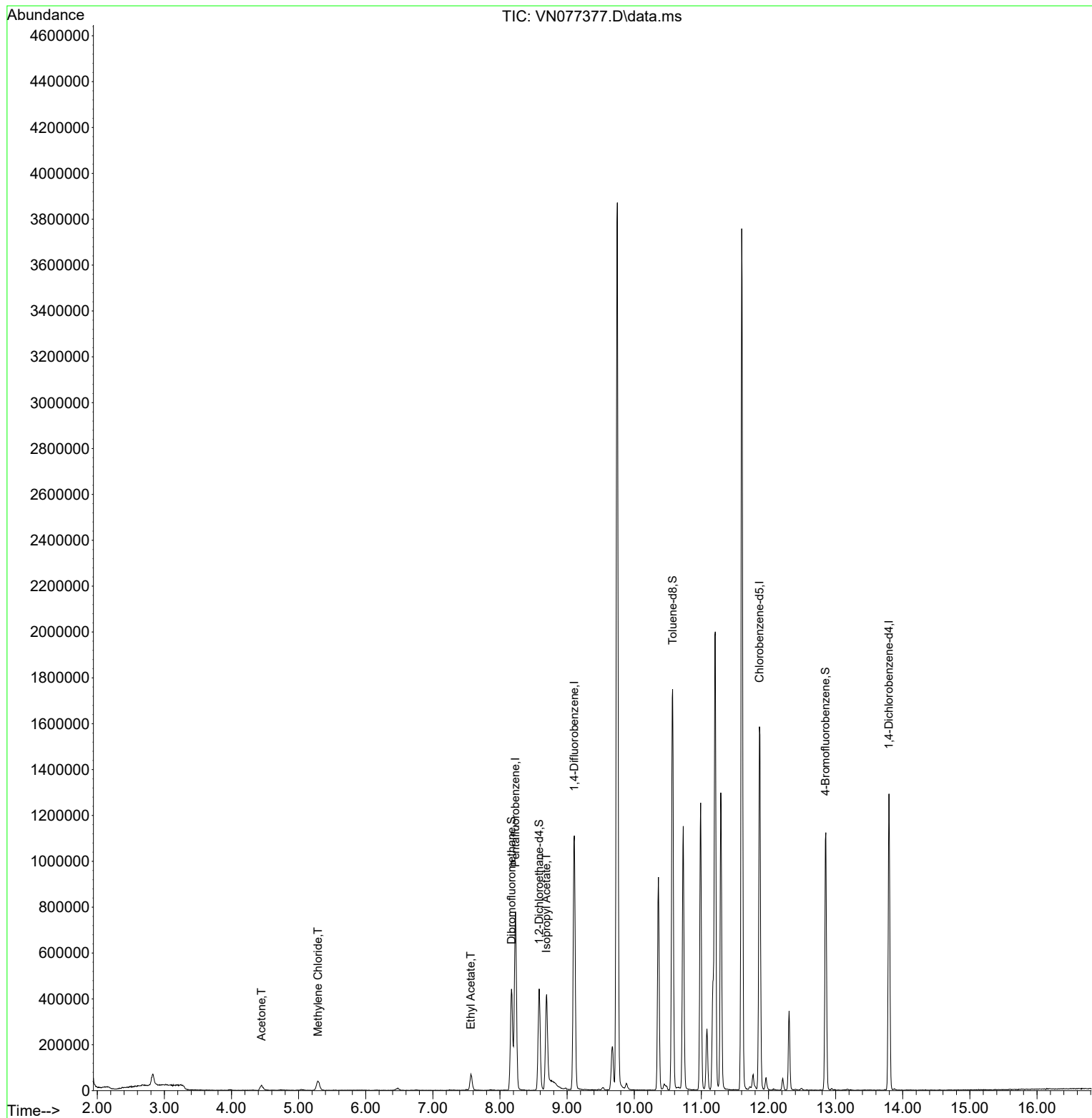
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.231	168	553507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1051103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	950224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	341347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	345756	45.705	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.400%		
35) Dibromofluoromethane	8.172	113	316784	47.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	10.572	98	1273935	47.029	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.060%		
62) 4-Bromofluorobenzene	12.848	95	392974	43.620	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.240%		
Target Compounds						
16) Acetone	4.449	43	40900	14.664	ug/l	99
20) Methylene Chloride	5.290	84	35379	4.491	ug/l	96
37) Ethyl Acetate	7.566	43	93724	10.526	ug/l	94
43) Isopropyl Acetate	8.689	43	479569	29.188	ug/l #	89

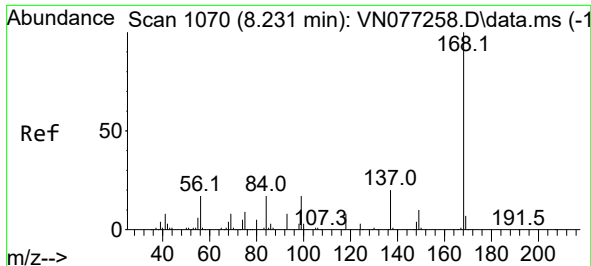
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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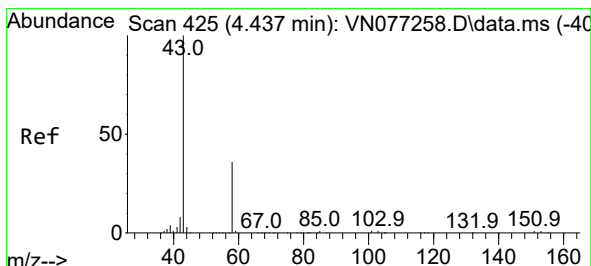
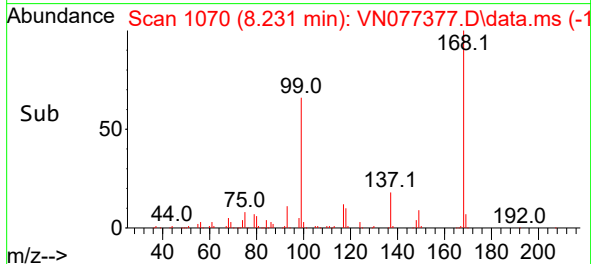
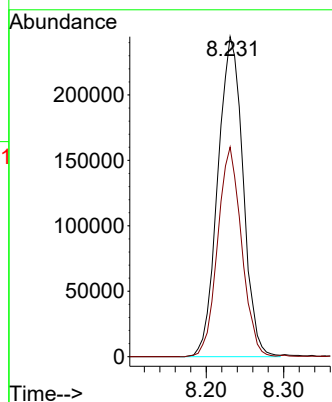
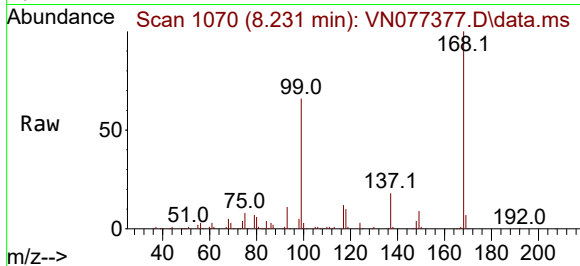




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077377.D
Acq: 19 Apr 2023 15:57

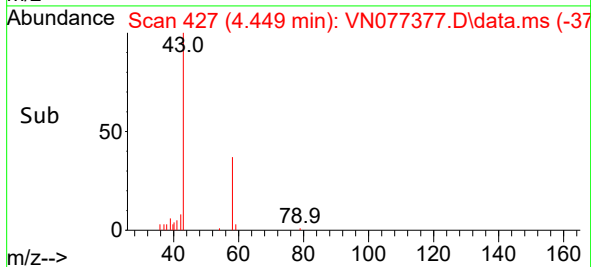
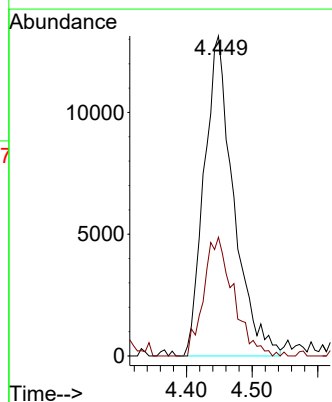
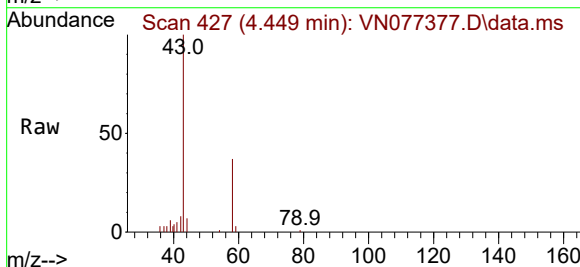
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#05

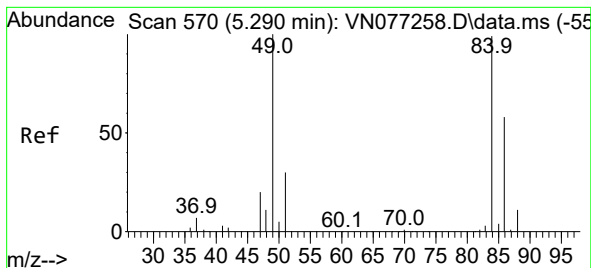
Tgt Ion:168 Resp: 553507
Ion Ratio Lower Upper
168 100
99 65.5 50.6 75.8



#16
Acetone
Concen: 14.664 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077377.D
Acq: 19 Apr 2023 15:57

Tgt Ion: 43 Resp: 40900
Ion Ratio Lower Upper
43 100
58 37.1 29.0 43.6





#20

Methylene Chloride

Concen: 4.491 ug/l

RT: 5.290 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077377.D

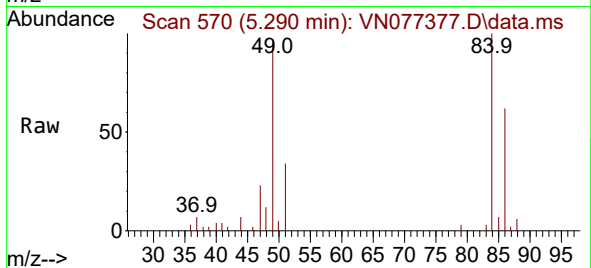
Acq: 19 Apr 2023 15:57

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#05



Tgt Ion: 84 Resp: 35379

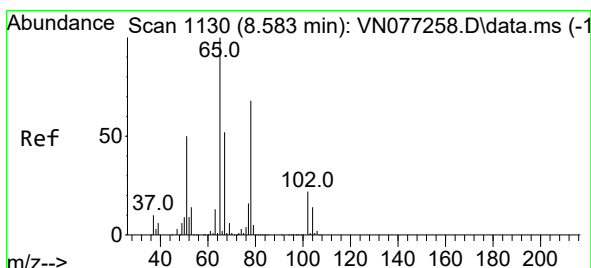
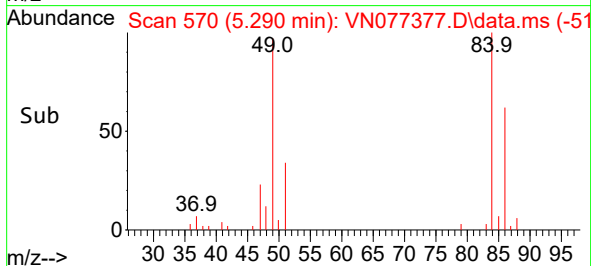
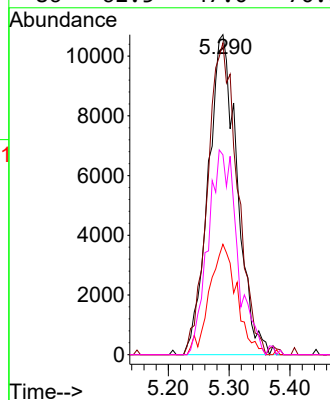
Ion Ratio Lower Upper

84 100

49 97.5 80.6 121.0

51 34.5 24.4 36.6

86 62.5 47.0 70.6



#33

1,2-Dichloroethane-d4

Concen: 45.705 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077377.D

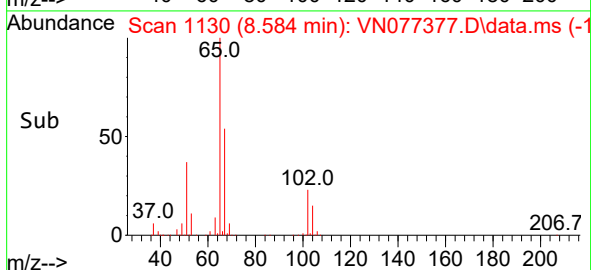
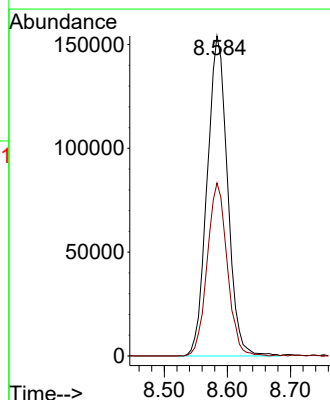
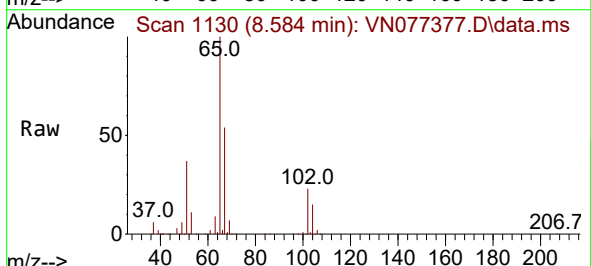
Acq: 19 Apr 2023 15:57

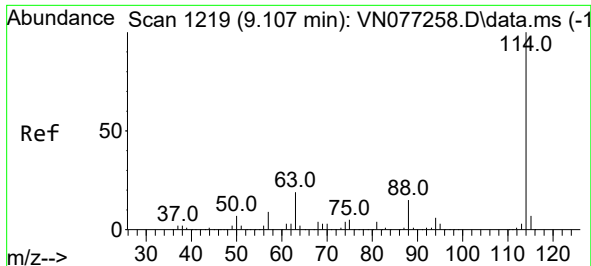
Tgt Ion: 65 Resp: 345756

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.8

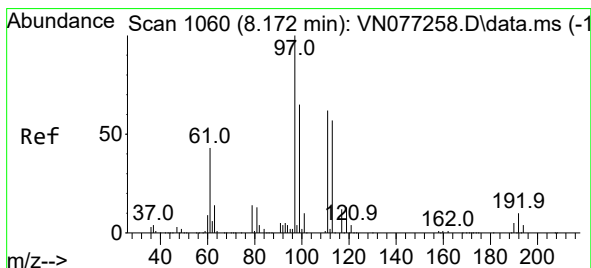
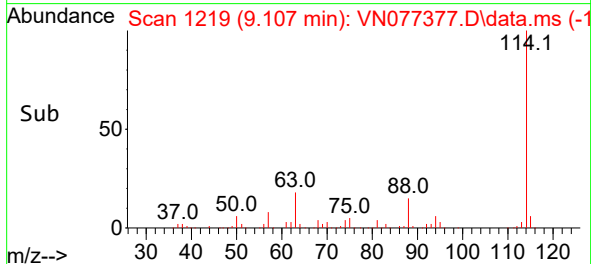
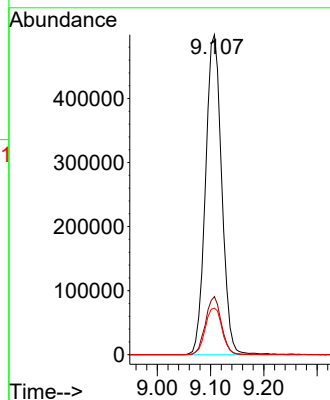
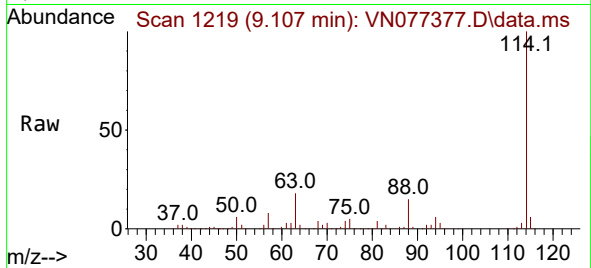




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077377.D
Acq: 19 Apr 2023 15:57

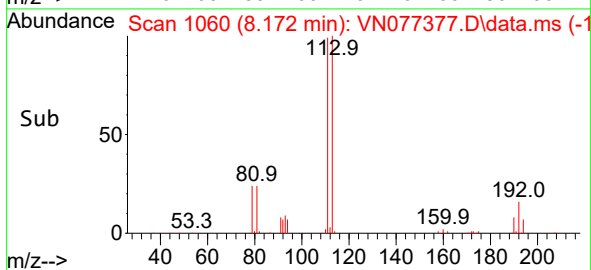
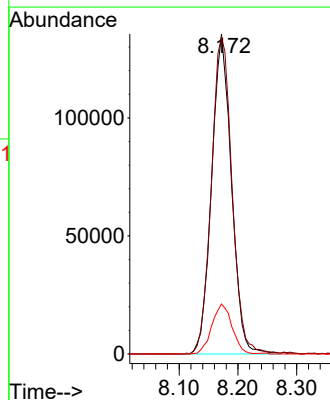
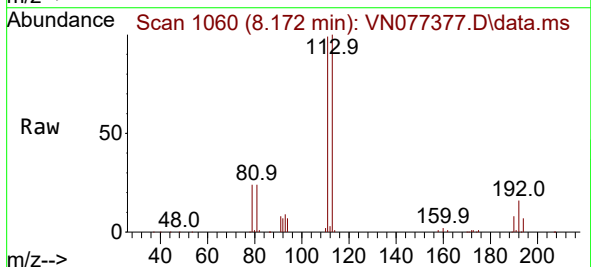
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#05

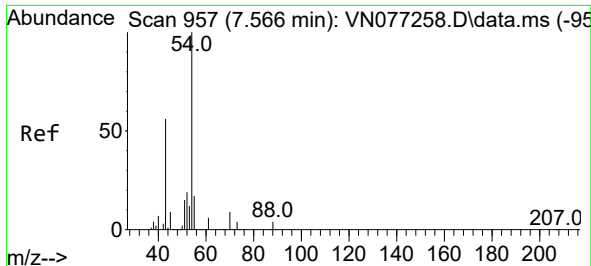
Tgt Ion:114 Resp: 1051103
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.8
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.079 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077377.D
Acq: 19 Apr 2023 15:57

Tgt Ion:113 Resp: 316784
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.0
192 15.9 13.5 20.3

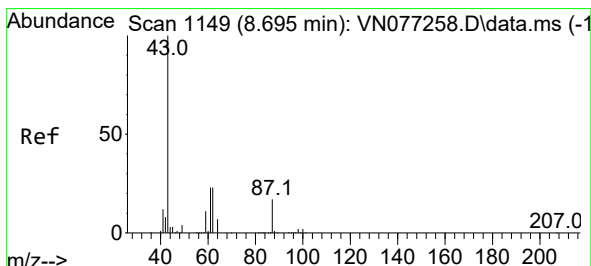
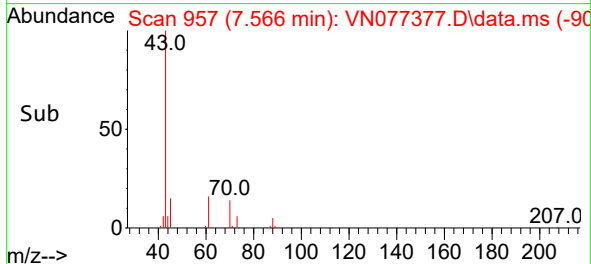
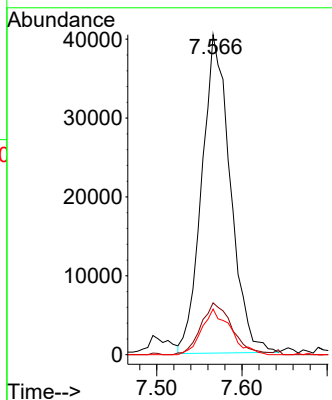
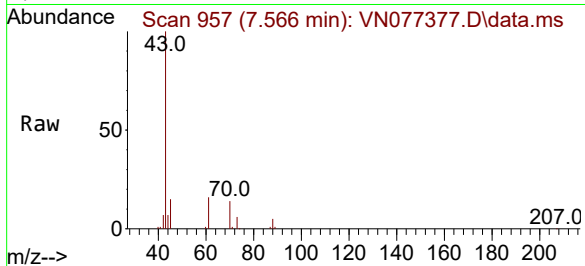




#37
Ethyl Acetate
Concen: 10.526 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077377.D
Acq: 19 Apr 2023 15:57

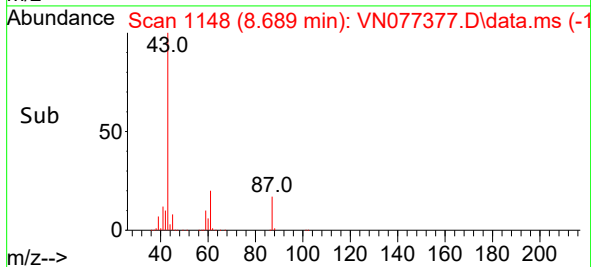
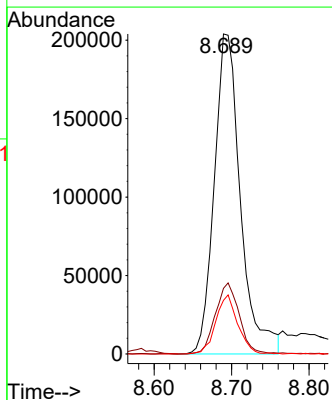
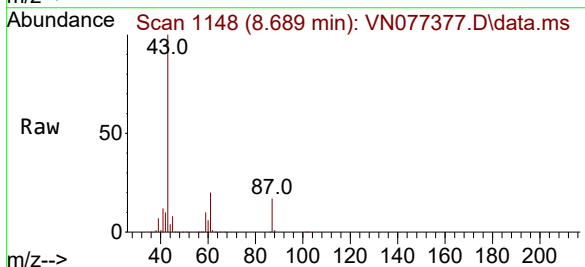
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#05

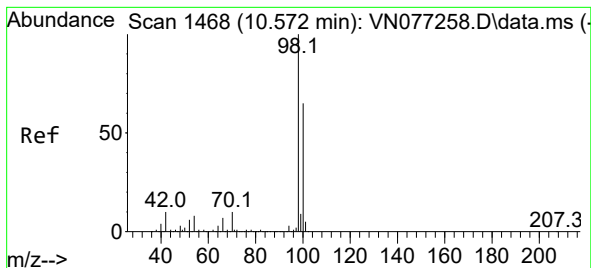
Tgt Ion: 43 Resp: 93724
Ion Ratio Lower Upper
43 100
61 17.8 12.2 18.2
70 14.5 10.0 15.0



#43
Isopropyl Acetate
Concen: 29.188 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077377.D
Acq: 19 Apr 2023 15:57

Tgt Ion: 43 Resp: 479569
Ion Ratio Lower Upper
43 100
61 20.3 22.7 34.1#
87 15.5 13.6 20.4

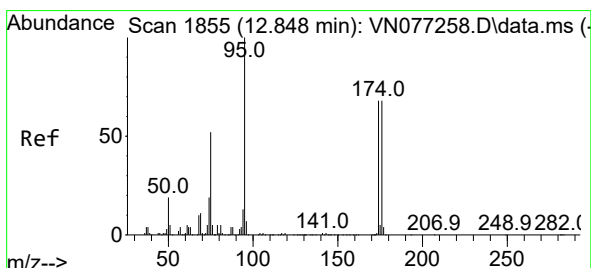
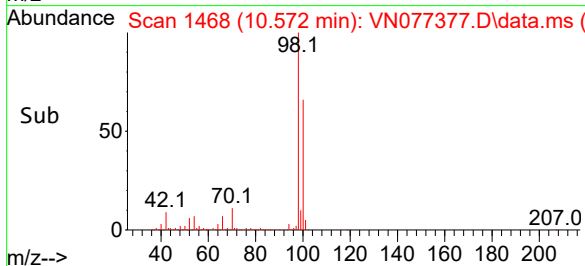
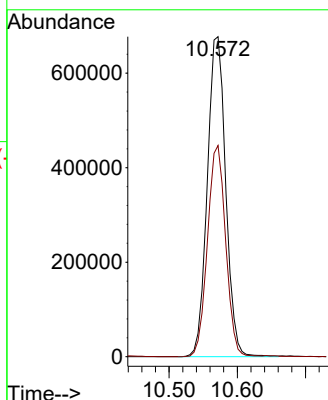
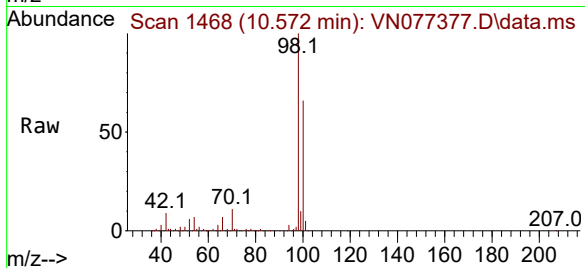




#50
Toluene-d8
Concen: 47.029 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077377.D
Acq: 19 Apr 2023 15:57

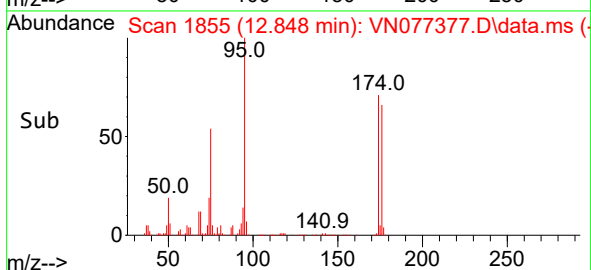
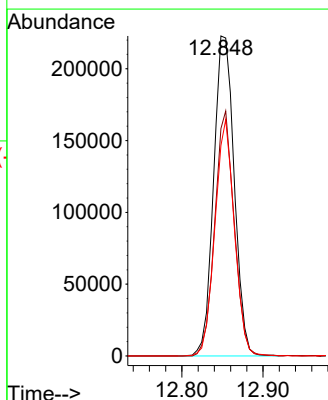
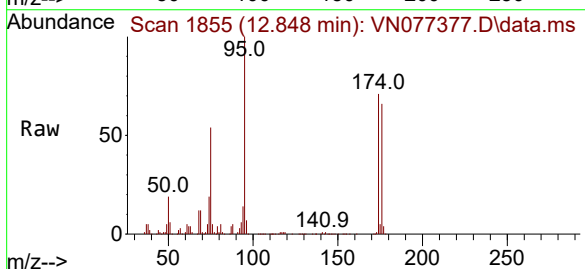
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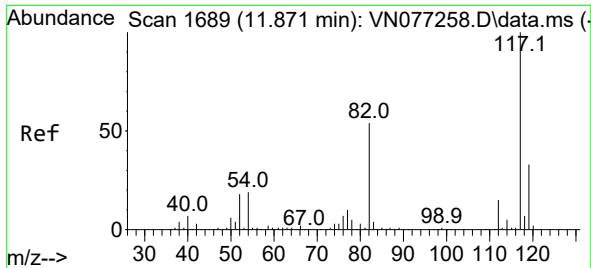
Tgt Ion: 98 Resp: 1273935
Ion Ratio Lower Upper
98 100
100 65.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.620 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077377.D
Acq: 19 Apr 2023 15:57

Tgt Ion: 95 Resp: 392974
Ion Ratio Lower Upper
95 100
174 72.3 0.0 146.8
176 69.8 0.0 139.6

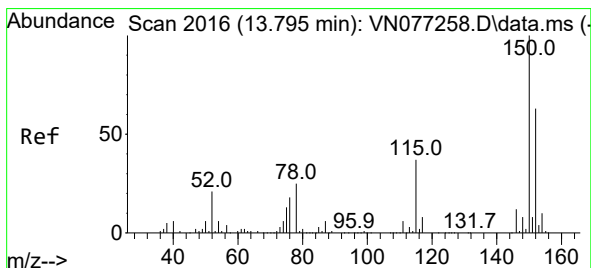
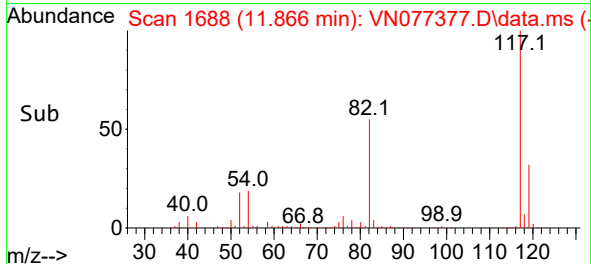
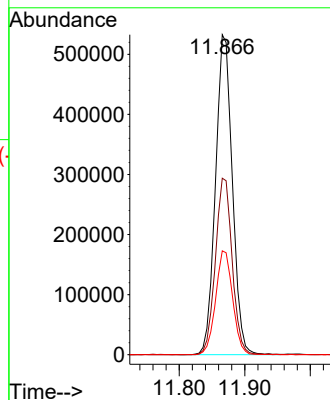
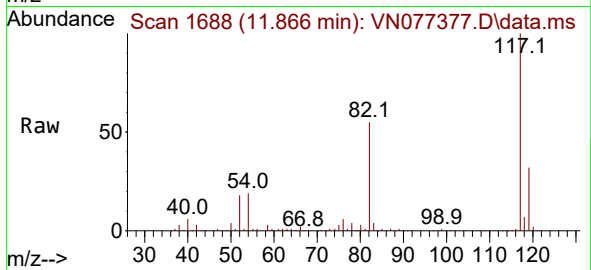




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077377.D
Acq: 19 Apr 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#05

Tgt Ion:117 Resp: 950224
Ion Ratio Lower Upper
117 100
82 55.1 42.9 64.3
119 32.5 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: VN077377.D
Acq: 19 Apr 2023 15:57

Tgt Ion:152 Resp: 341347
Ion Ratio Lower Upper
152 100
115 63.7 32.1 96.3
150 157.3 0.0 354.8

