

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077841.D
 Acq On : 24 May 2023 05:25
 Operator : JC\MD
 Sample : 02892-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-29

Quant Time: May 24 06:00:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

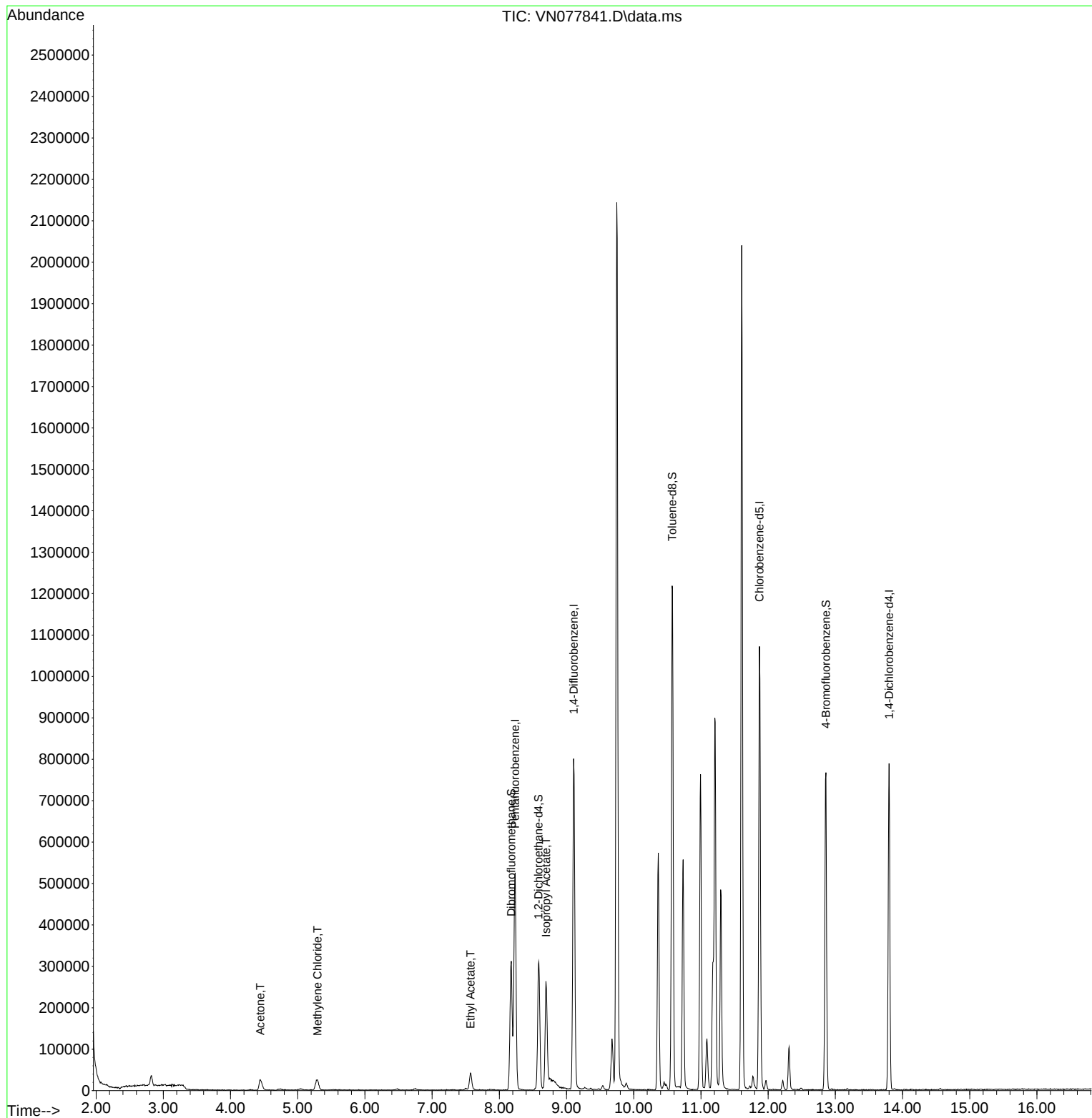
Internal Standards						
1) Pentafluorobenzene	8.236	168	387395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	708363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	642380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	260992	45.026	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.060%		
35) Dibromofluoromethane	8.177	113	223398	48.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	10.571	98	886062	49.836	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.680%		
62) 4-Bromofluorobenzene	12.859	95	285201	45.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.840%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	48925	26.828	ug/l	93
20) Methylene Chloride	5.295	84	22374	2.851	ug/l #	82
37) Ethyl Acetate	7.571	43	60344	10.021	ug/l	98
43) Isopropyl Acetate	8.694	43	308030	31.316	ug/l #	82

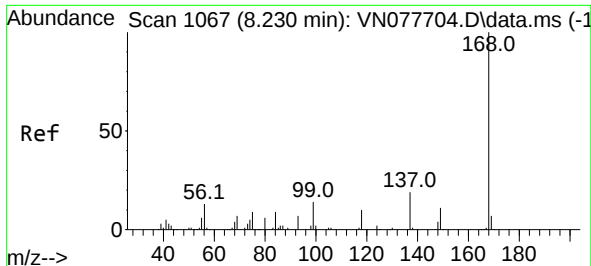
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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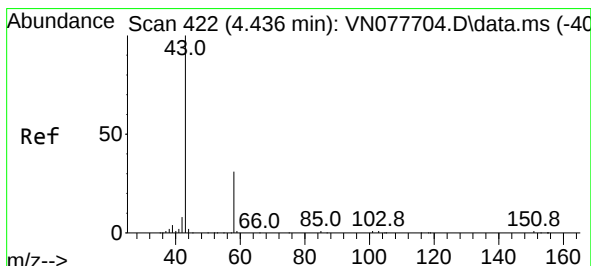
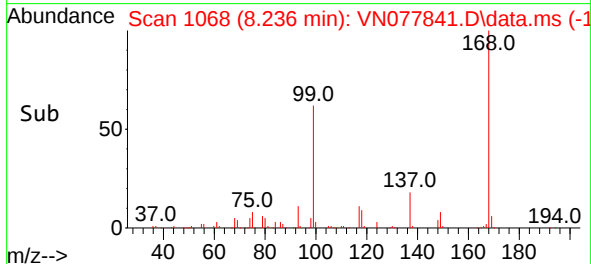
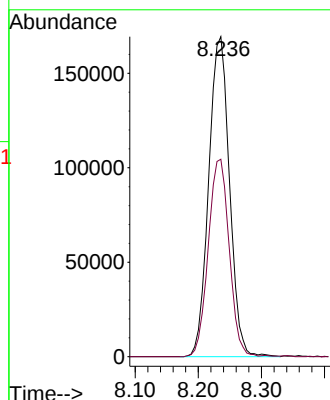
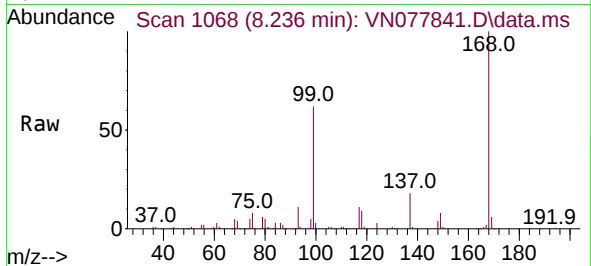




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077841.D
Acq: 24 May 2023 05:25

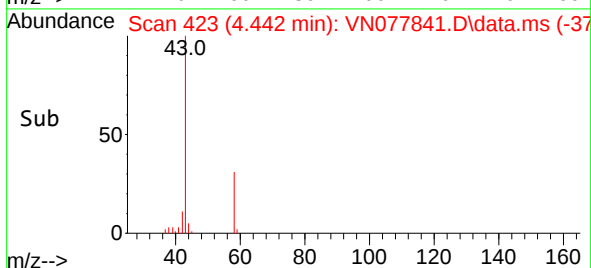
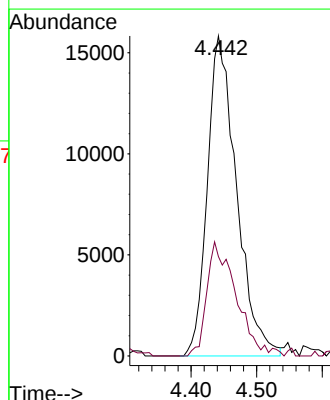
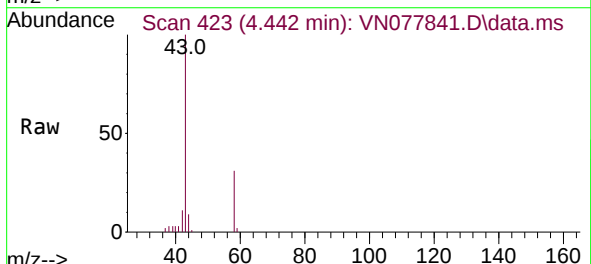
Instrument :
MSVOA_N
ClientSampleId :
TP-29

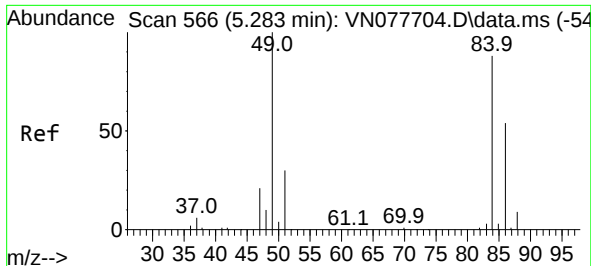
Tgt Ion:168 Resp: 387395
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#16
Acetone
Concen: 26.828 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077841.D
Acq: 24 May 2023 05:25

Tgt Ion: 43 Resp: 48925
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

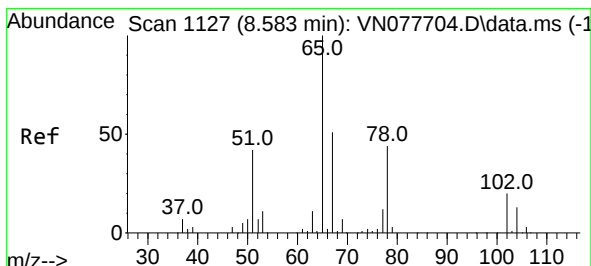
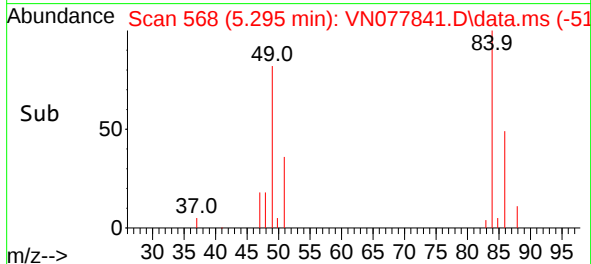
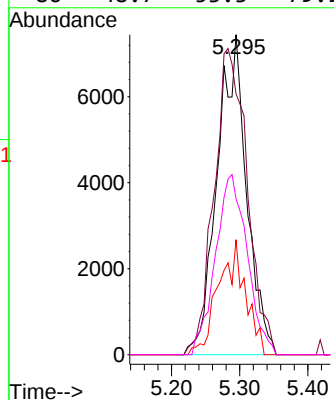
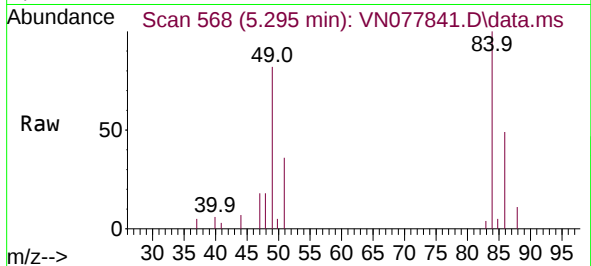




#20
Methylene Chloride
Concen: 2.851 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077841.D
Acq: 24 May 2023 05:25

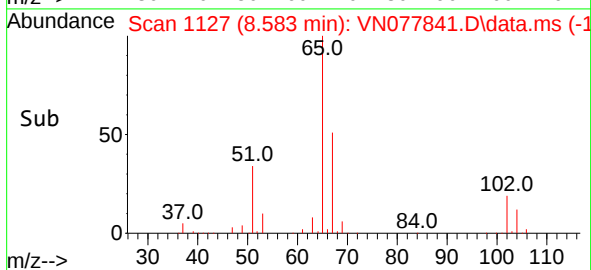
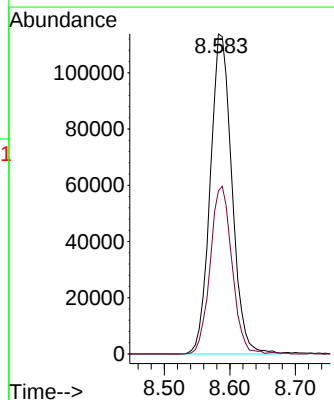
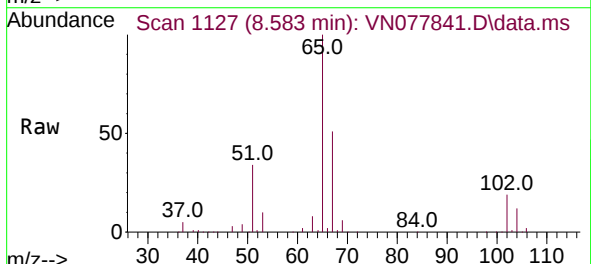
Instrument :
MSVOA_N
ClientSampleId :
TP-29

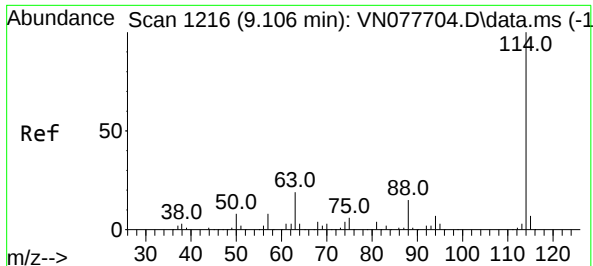
Tgt Ion: 84 Resp: 22374
Ion Ratio Lower Upper
84 100
49 81.5 79.7 119.5
51 35.9 25.2 37.8
86 48.7 53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 45.026 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077841.D
Acq: 24 May 2023 05:25

Tgt Ion: 65 Resp: 260992
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077841.D

Acq: 24 May 2023 05:25

Instrument :

MSVOA_N

ClientSampleId :

TP-29

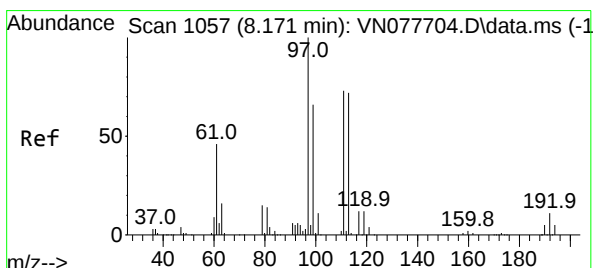
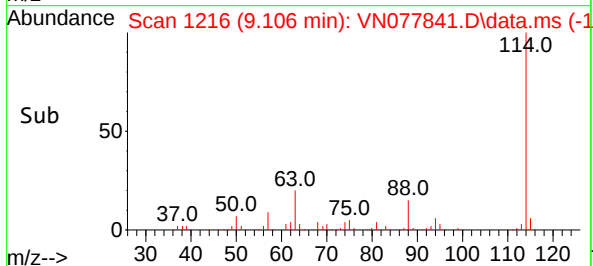
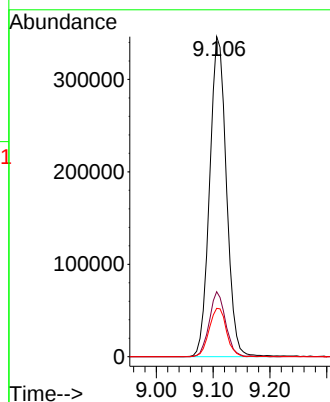
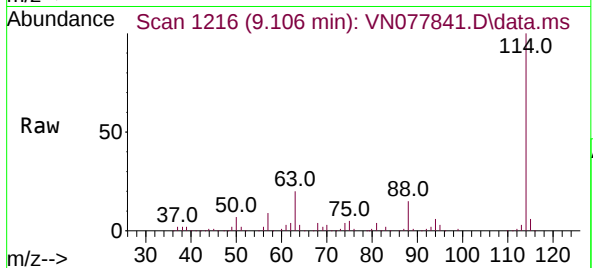
Tgt Ion:114 Resp: 708363

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.363 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077841.D

Acq: 24 May 2023 05:25

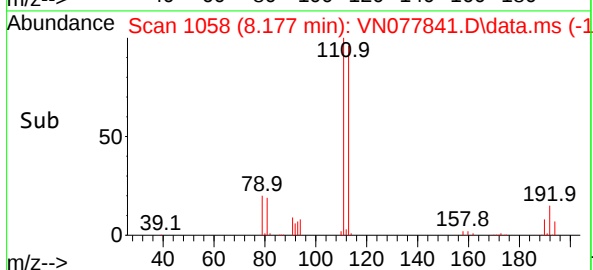
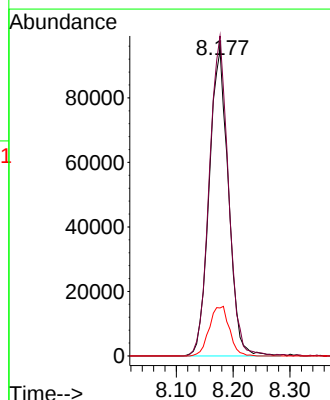
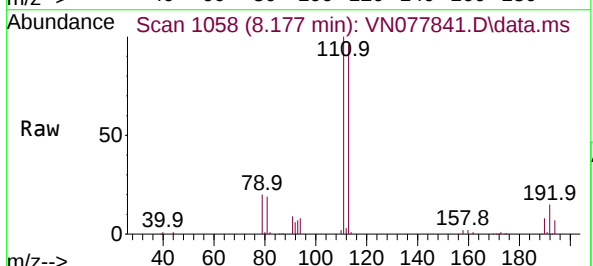
Tgt Ion:113 Resp: 223398

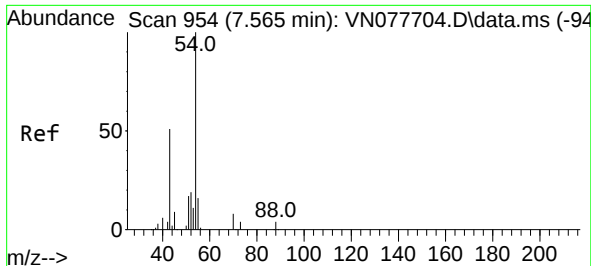
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.9 12.7 19.1





#37

Ethyl Acetate

Concen: 10.021 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077841.D

Acq: 24 May 2023 05:25

Instrument :

MSVOA_N

ClientSampleId :

TP-29

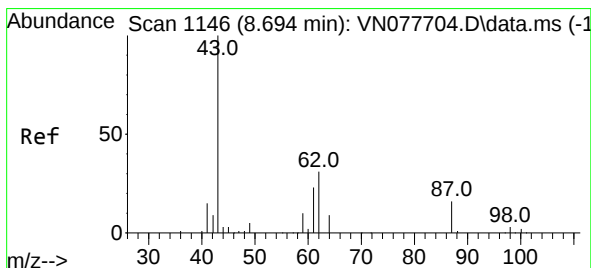
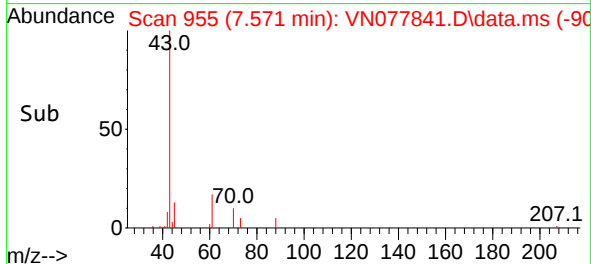
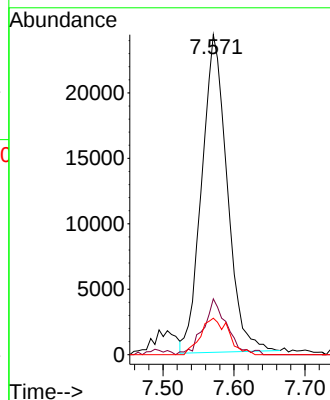
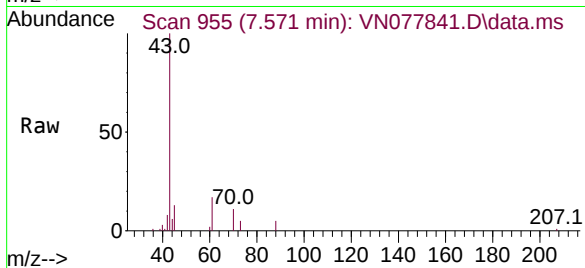
Tgt Ion: 43 Resp: 60344

Ion Ratio Lower Upper

43 100

61 16.4 13.2 19.8

70 12.7 11.3 16.9



#43

Isopropyl Acetate

Concen: 31.316 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077841.D

Acq: 24 May 2023 05:25

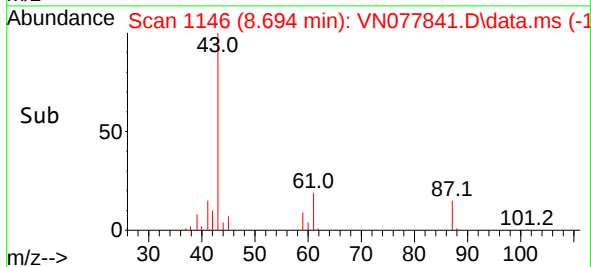
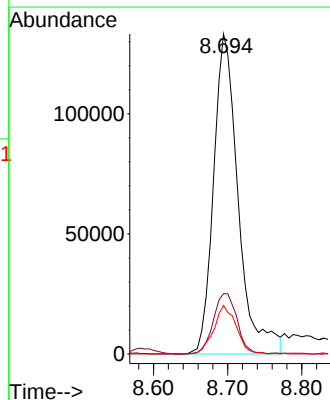
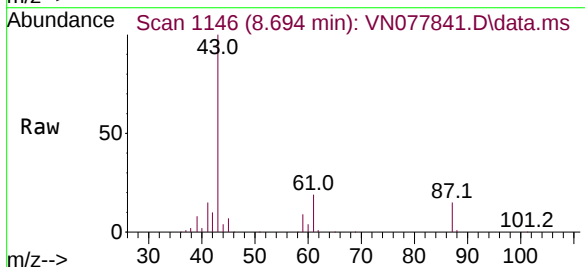
Tgt Ion: 43 Resp: 308030

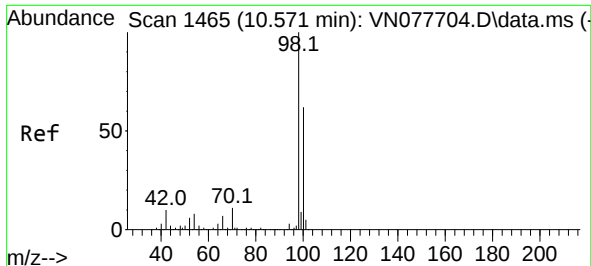
Ion Ratio Lower Upper

43 100

61 18.1 24.7 37.1#

87 13.8 14.6 21.8#

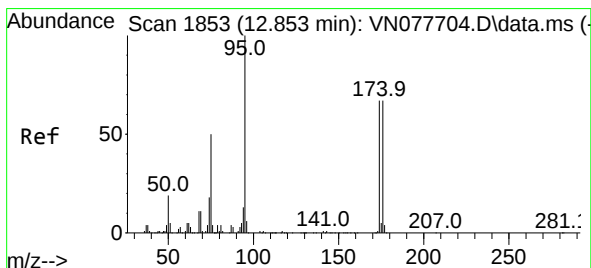
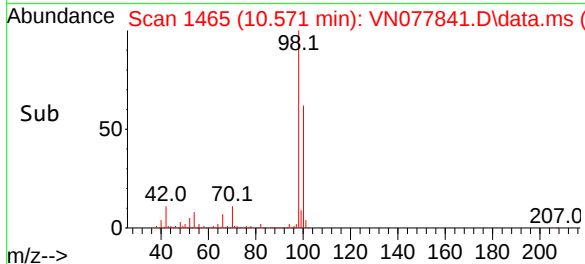
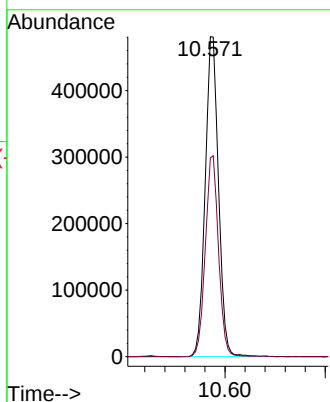
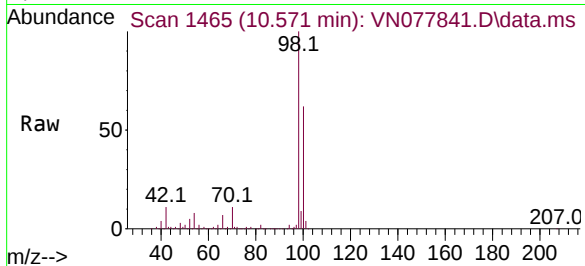




#50
Toluene-d8
Concen: 49.836 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077841.D
Acq: 24 May 2023 05:25

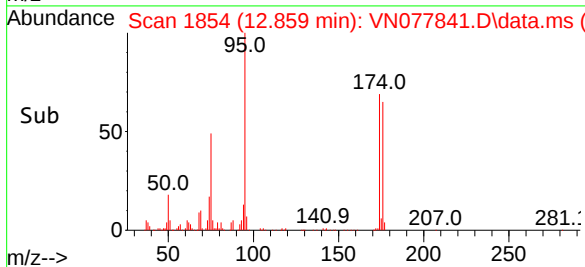
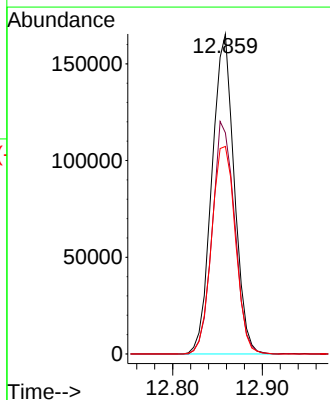
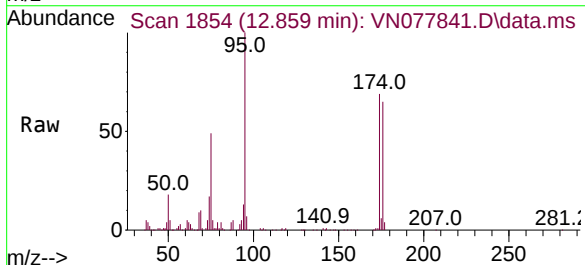
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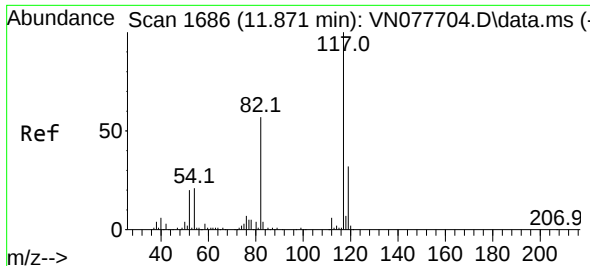
Tgt Ion: 98 Resp: 886062
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.419 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077841.D
Acq: 24 May 2023 05:25

Tgt Ion: 95 Resp: 285201
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 69.5 0.0 135.8

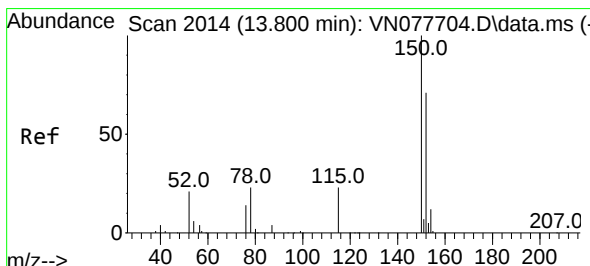
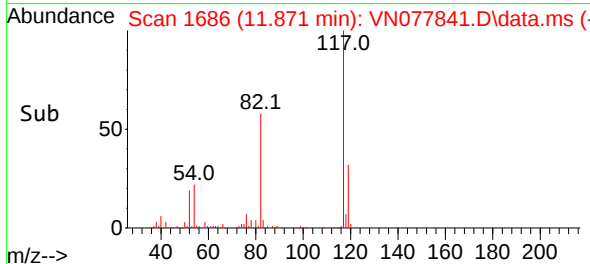
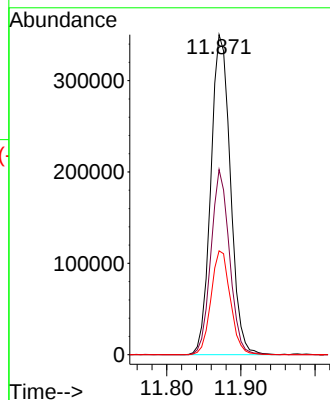
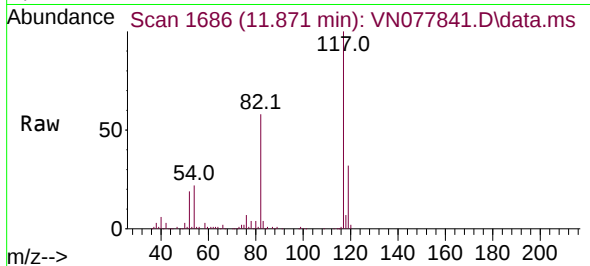




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077841.D
Acq: 24 May 2023 05:25

Instrument :
MSVOA_N
ClientSampleId :
TP-29

Tgt Ion:117 Resp: 642380
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077841.D
Acq: 24 May 2023 05:25

Tgt Ion:152 Resp: 210337
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 158.9 0.0 355.8

