

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077401.D
 Acq On : 20 Apr 2023 15:34
 Operator : JC\MD
 Sample : 02389-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPB-5WC-23-04-17

Quant Time: Apr 21 02:40:17 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)

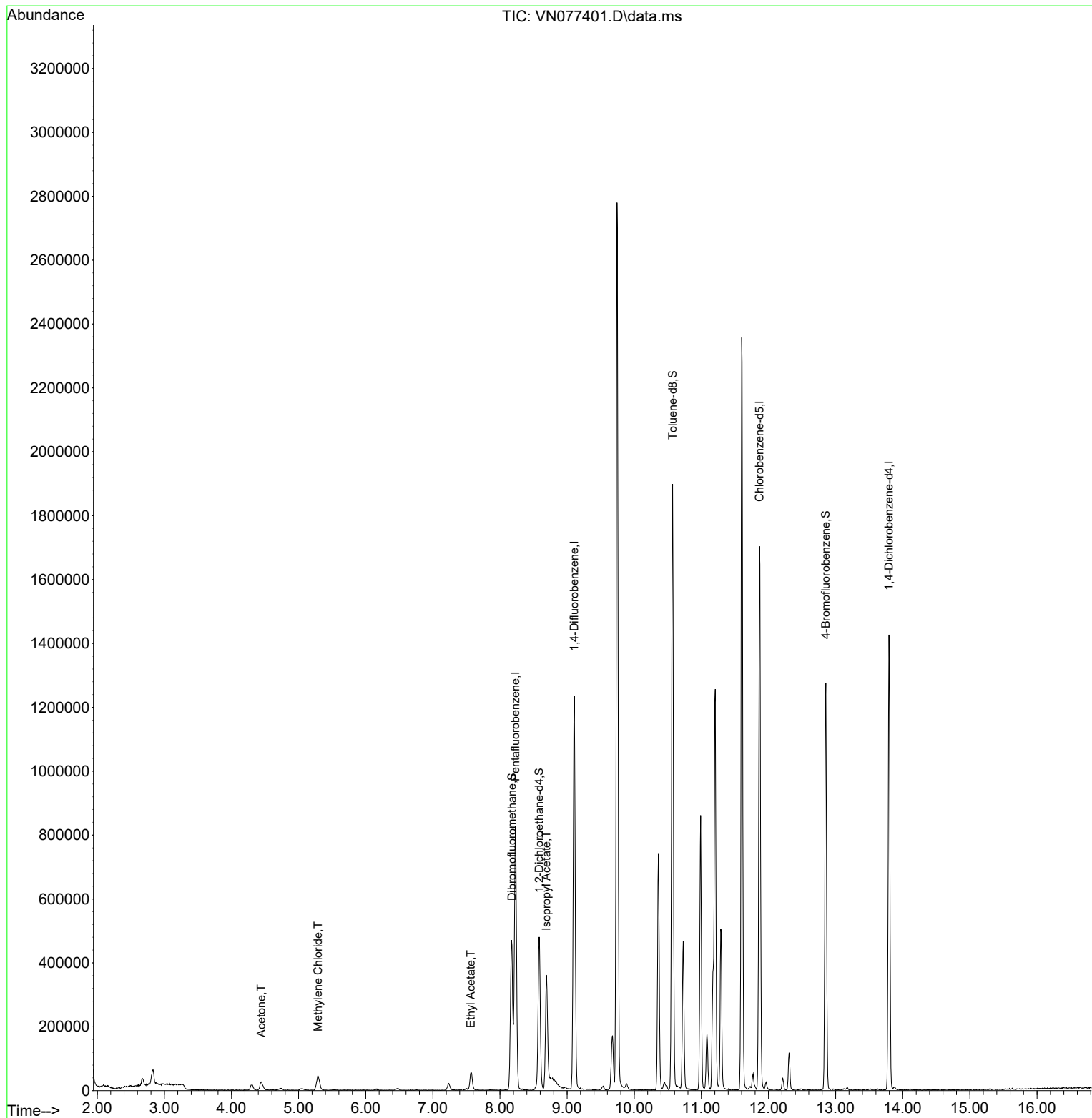
Internal Standards						
1) Pentafluorobenzene	8.231	168	590437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1124653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1047720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	384726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	375194	46.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.980%
35) Dibromofluoromethane	8.178	113	341544	47.439	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	10.572	98	1383001	47.717	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.854	95	462383	47.967	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.940%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	50407	16.942	ug/l	94
20) Methylene Chloride	5.290	84	40415	4.810	ug/l #	84
37) Ethyl Acetate	7.566	43	83913m	8.808	ug/l	
43) Isopropyl Acetate	8.689	43	415267	23.622	ug/l #	88

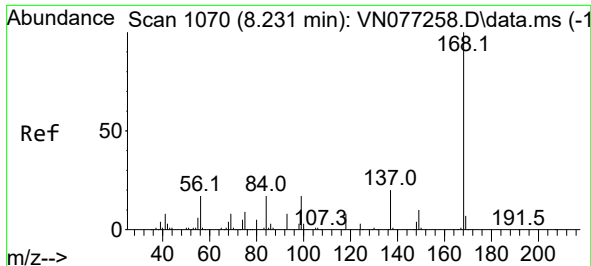
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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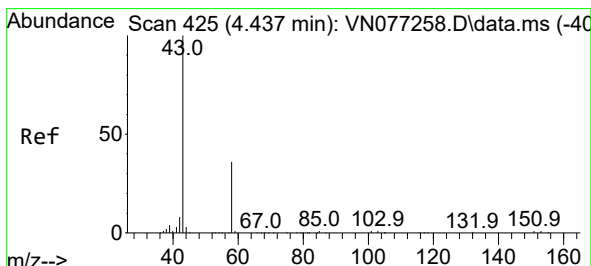
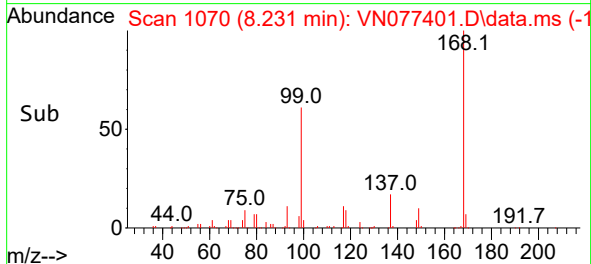
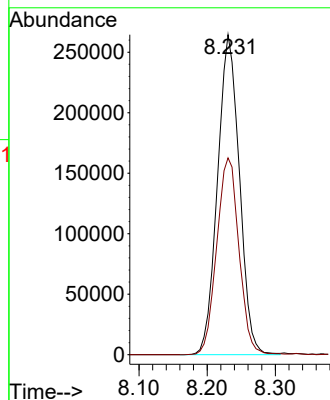
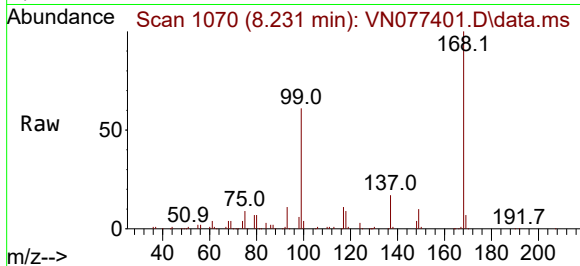




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077401.D
Acq: 20 Apr 2023 15:34

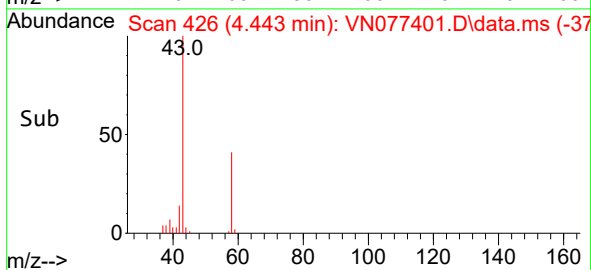
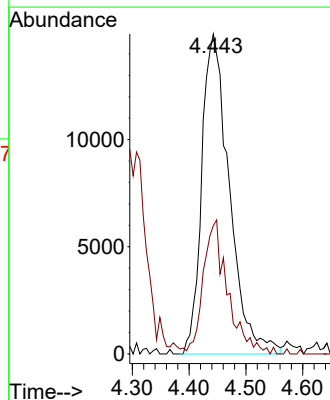
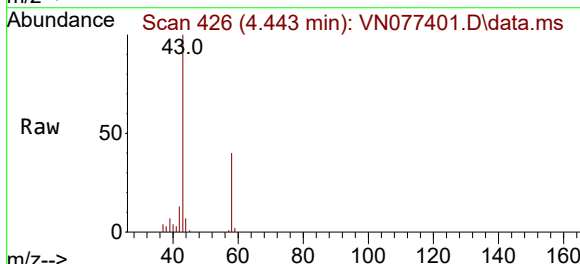
Instrument :
MSVOA_N
ClientSampleId :
SPB-5WC-23-04-17

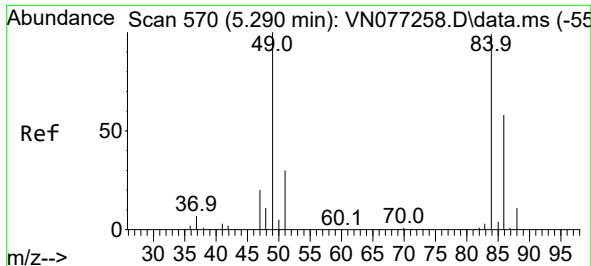
Tgt Ion:168 Resp: 590437
Ion Ratio Lower Upper
168 100
99 61.5 50.6 75.8



#16
Acetone
Concen: 16.942 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077401.D
Acq: 20 Apr 2023 15:34

Tgt Ion: 43 Resp: 50407
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6

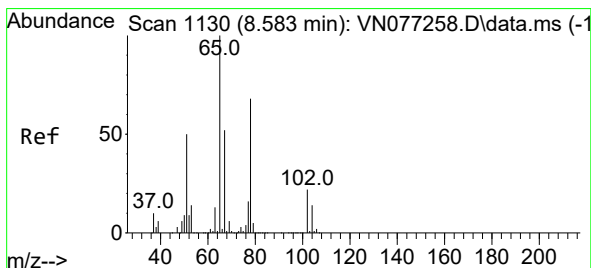
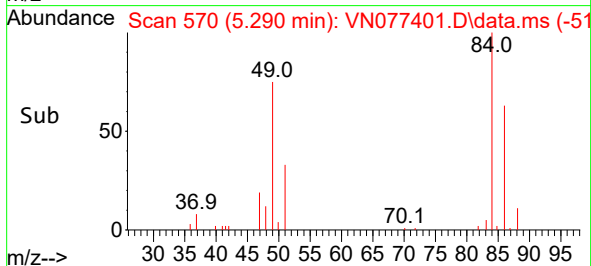
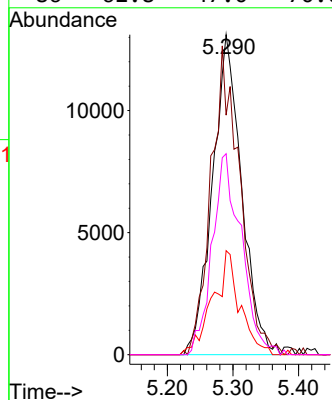
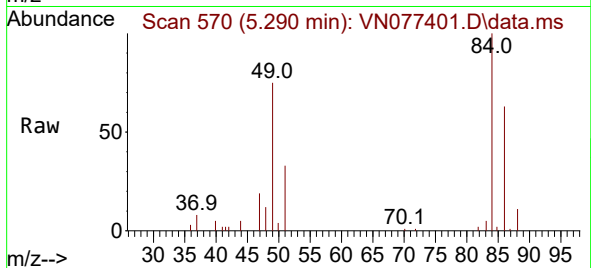




#20
Methylene Chloride
Concen: 4.810 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077401.D
Acq: 20 Apr 2023 15:34

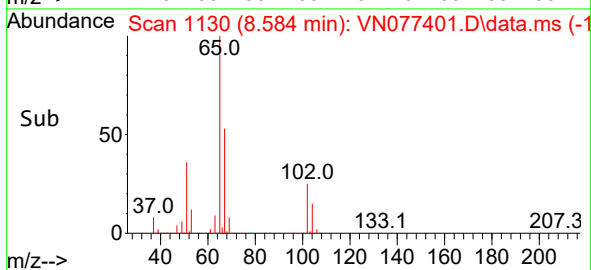
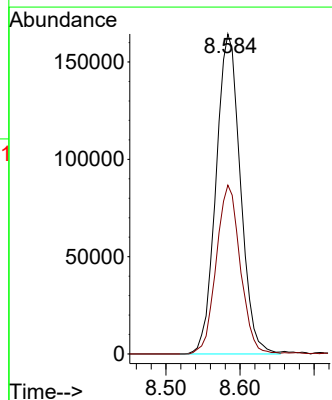
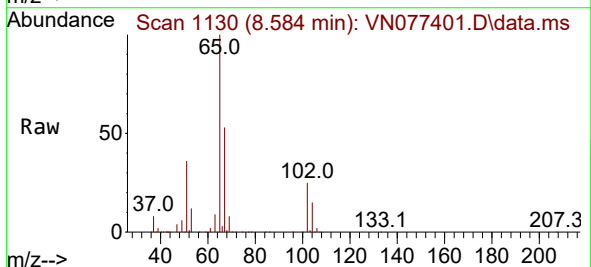
Instrument :
MSVOA_N
ClientSampleId :
SPB-5WC-23-04-17

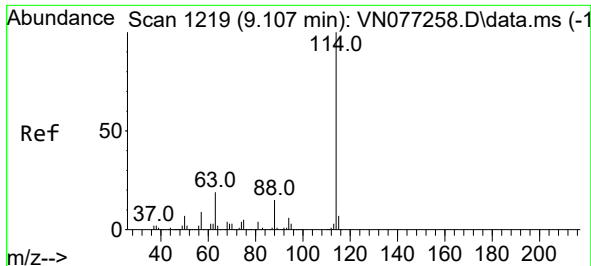
Tgt Ion: 84 Resp: 40415
Ion Ratio Lower Upper
84 100
49 74.9 80.6 121.0#
51 32.5 24.4 36.6
86 62.8 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 46.494 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077401.D
Acq: 20 Apr 2023 15:34

Tgt Ion: 65 Resp: 375194
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.8

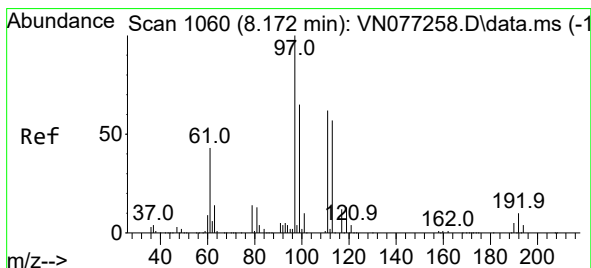
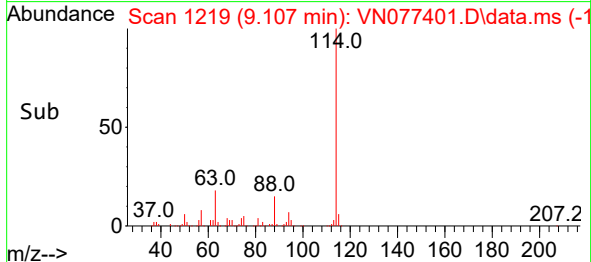
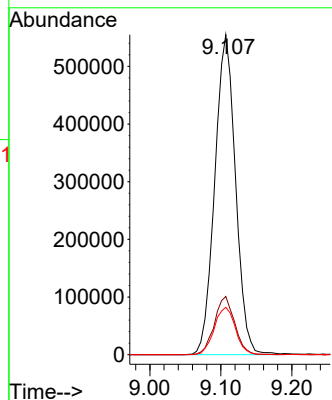
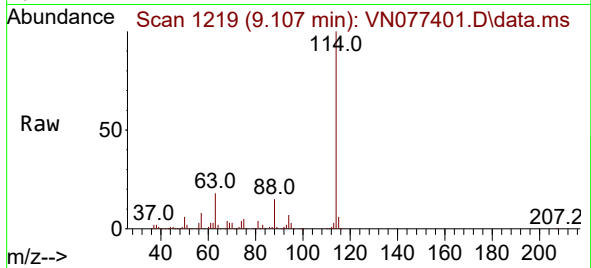




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077401.D
Acq: 20 Apr 2023 15:34

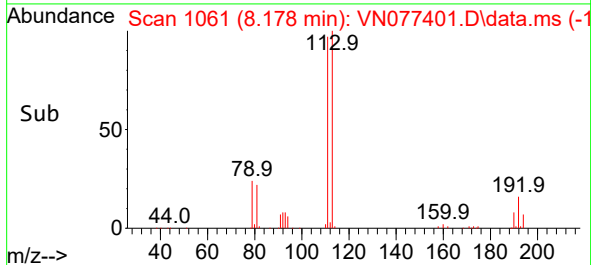
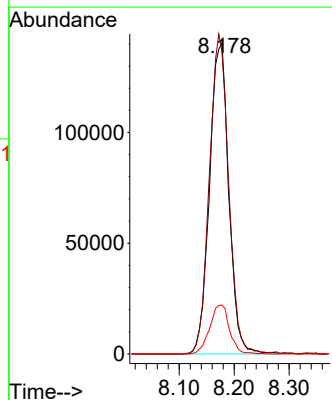
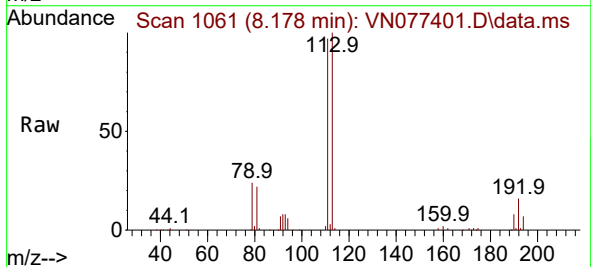
Instrument :
MSVOA_N
ClientSampleId :
SPB-5WC-23-04-17

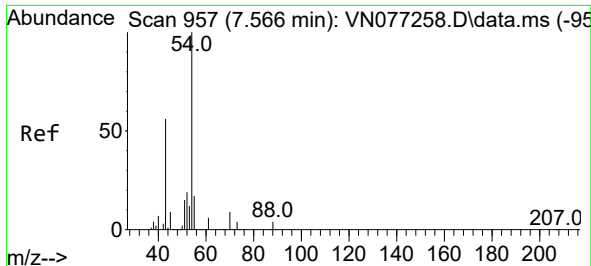
Tgt Ion:114 Resp: 1124653
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.8
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.439 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077401.D
Acq: 20 Apr 2023 15:34

Tgt Ion:113 Resp: 341544
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 16.2 13.5 20.3





#37

Ethyl Acetate

Concen: 8.808 ug/l m

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077401.D

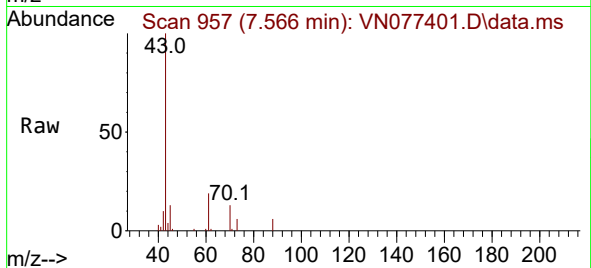
Acq: 20 Apr 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

SPB-5WC-23-04-17



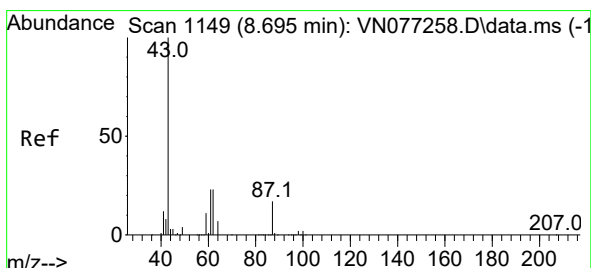
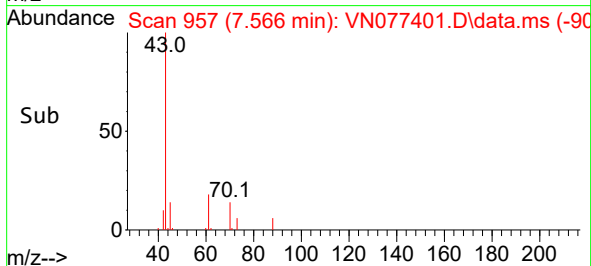
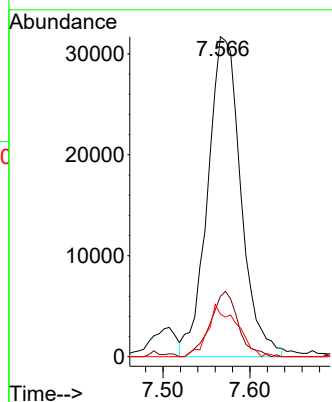
Tgt Ion: 43 Resp: 83913

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.2#

70 0.0 10.0 15.0#



#43

Isopropyl Acetate

Concen: 23.622 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077401.D

Acq: 20 Apr 2023 15:34

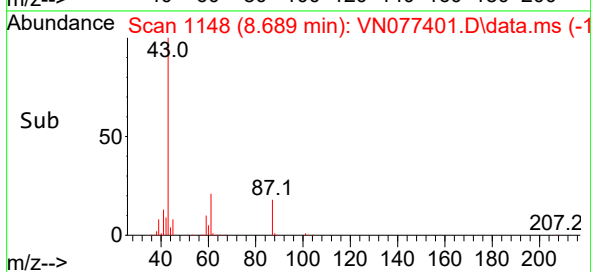
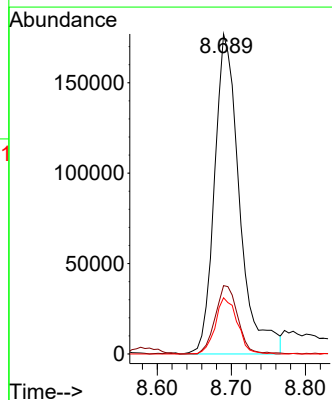
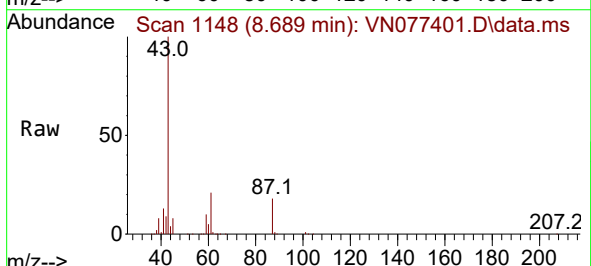
Tgt Ion: 43 Resp: 415267

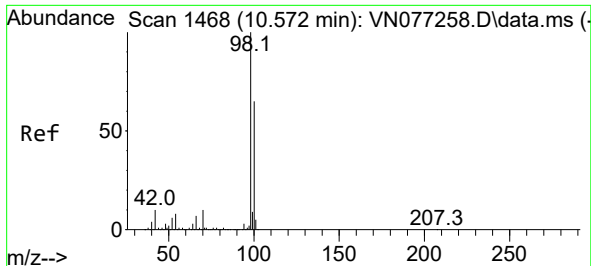
Ion Ratio Lower Upper

43 100

61 19.4 22.7 34.1#

87 15.4 13.6 20.4

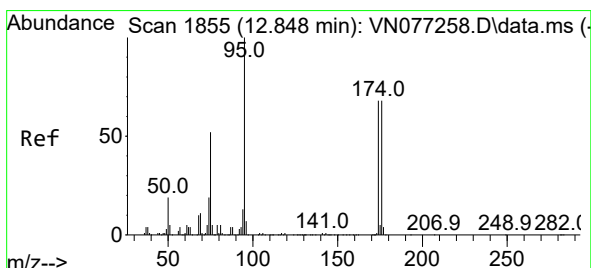
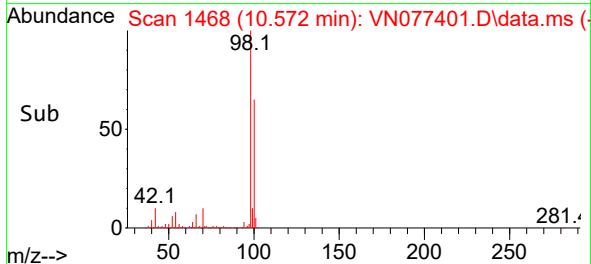
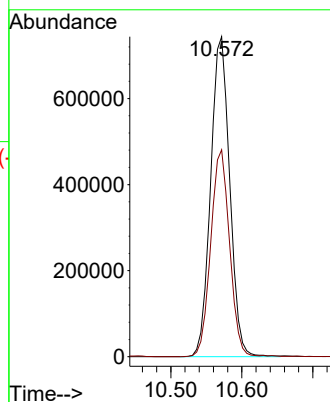
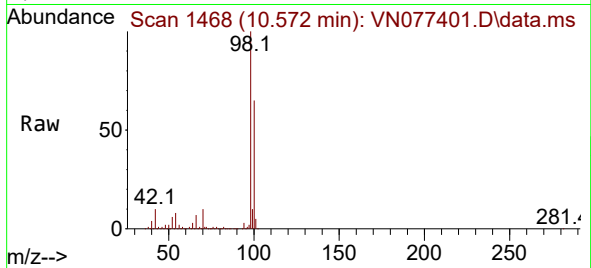




#50
Toluene-d8
Concen: 47.717 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077401.D
Acq: 20 Apr 2023 15:34

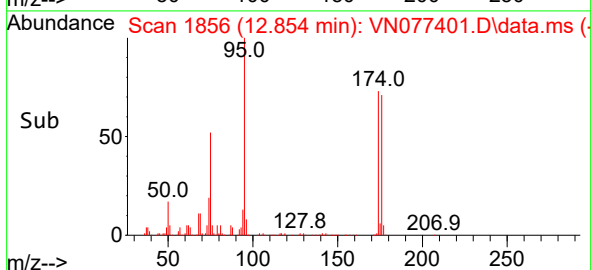
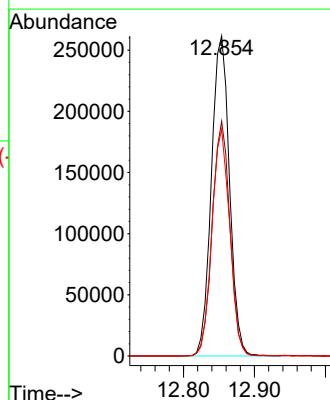
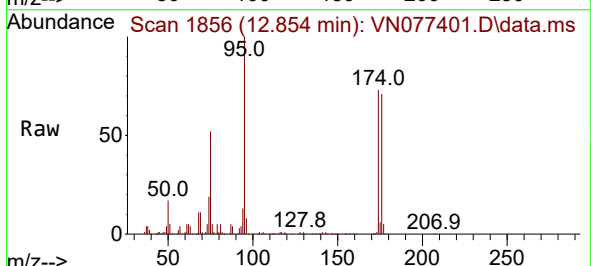
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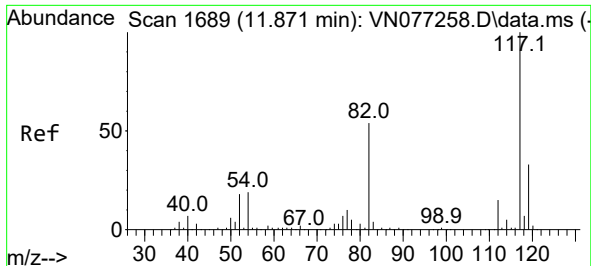
Tgt Ion: 98 Resp: 1383001
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.967 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077401.D
Acq: 20 Apr 2023 15:34

Tgt Ion: 95 Resp: 462383
Ion Ratio Lower Upper
95 100
174 71.8 0.0 146.8
176 69.7 0.0 139.6

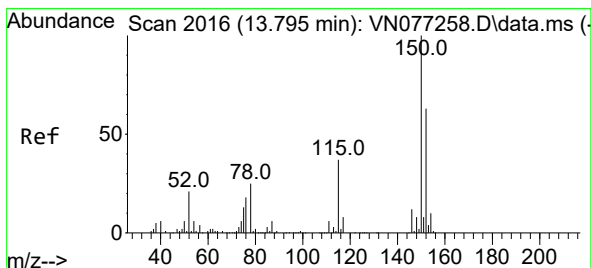
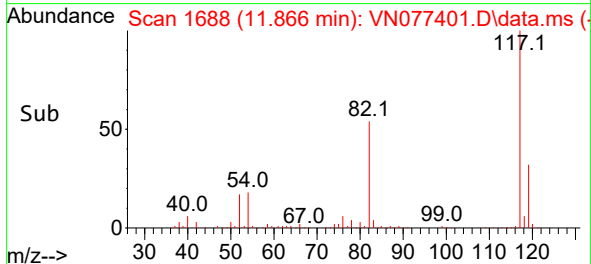
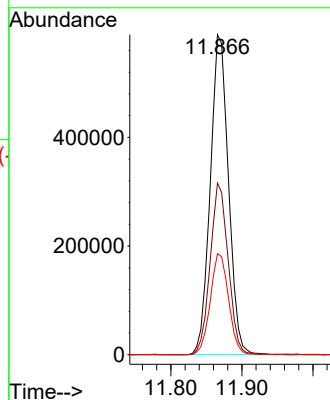
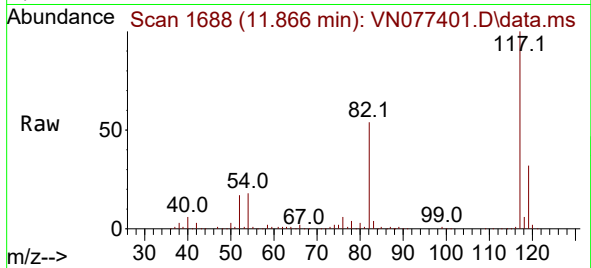




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077401.D
Acq: 20 Apr 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :
SPB-5WC-23-04-17

Tgt Ion:117 Resp: 1047720
Ion Ratio Lower Upper
117 100
82 53.6 42.9 64.3
119 31.5 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: VN077401.D
Acq: 20 Apr 2023 15:34

Tgt Ion:152 Resp: 384726
Ion Ratio Lower Upper
152 100
115 62.6 32.1 96.3
150 157.6 0.0 354.8

