

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077520.D
 Acq On : 29 Apr 2023 15:40
 Operator : JC\MD
 Sample : PB152434ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152434ZHE#04

Quant Time: May 01 01:24:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

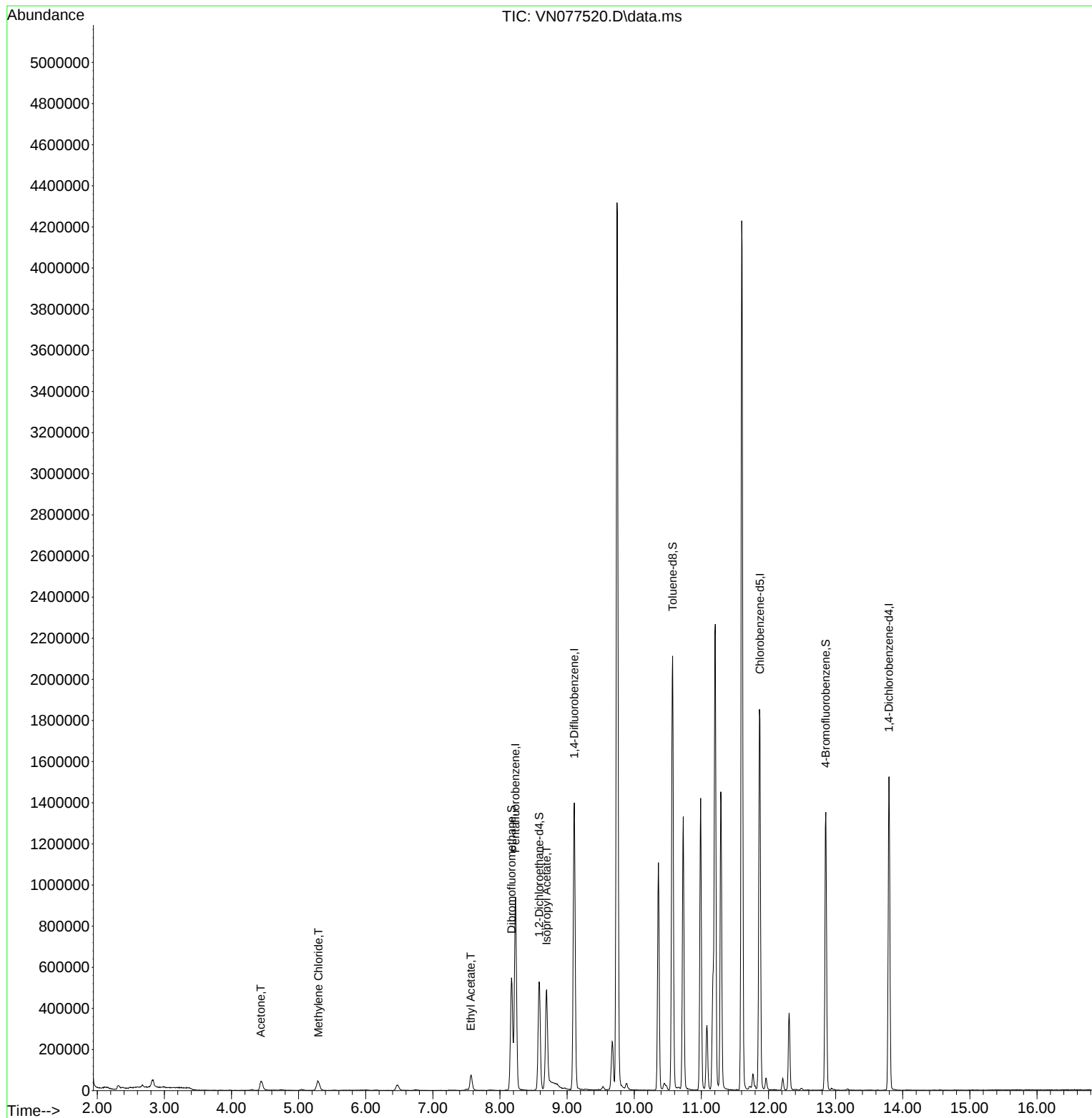
Internal Standards						
1) Pentafluorobenzene	8.231	168	661498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1281838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1157924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	412369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	446001	51.670	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.340%	
35) Dibromofluoromethane	8.172	113	399188	51.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.620%	
50) Toluene-d8	10.572	98	1550517	52.510	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	12.854	95	503098	52.076	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.160%	
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	86084	31.347	ug/l	95
20) Methylene Chloride	5.296	84	40105	4.605	ug/l	96
37) Ethyl Acetate	7.566	43	105785	12.507	ug/l	97
43) Isopropyl Acetate	8.695	43	577683	39.480	ug/l #	86

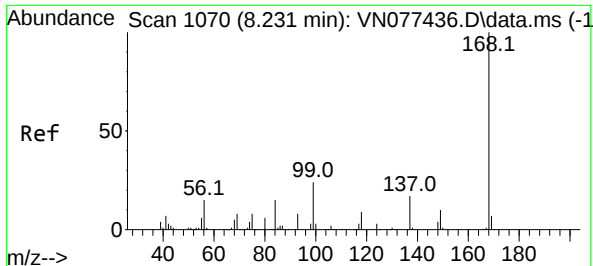
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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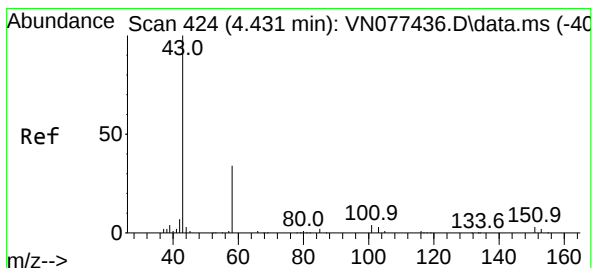
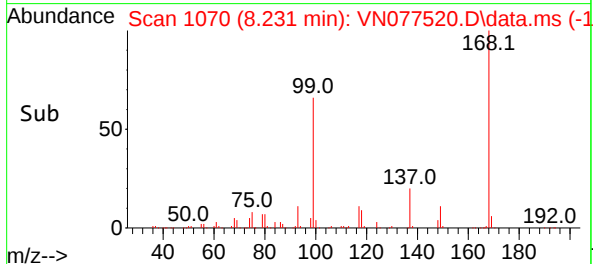
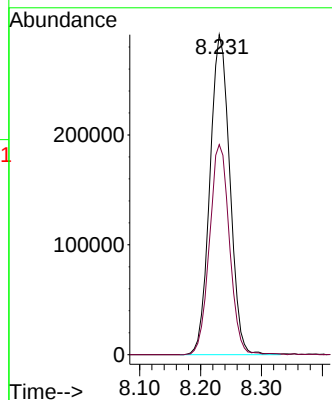
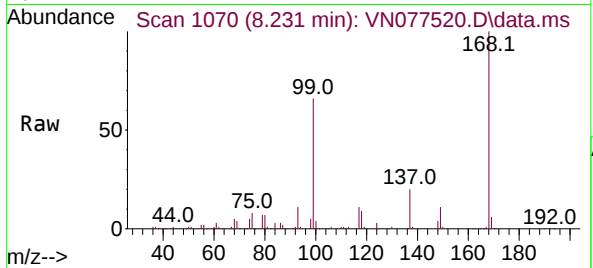




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077520.D
Acq: 29 Apr 2023 15:40

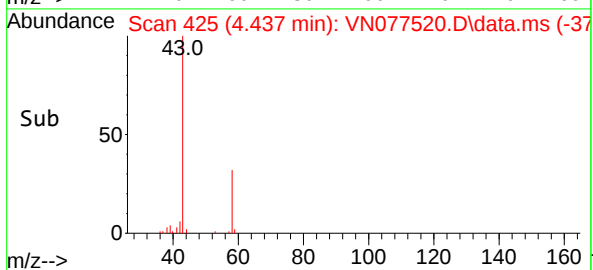
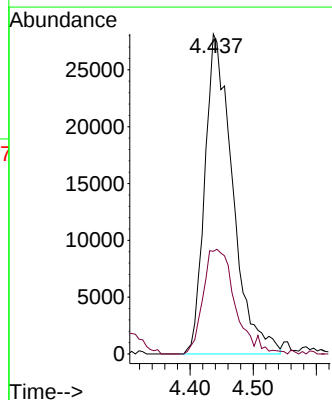
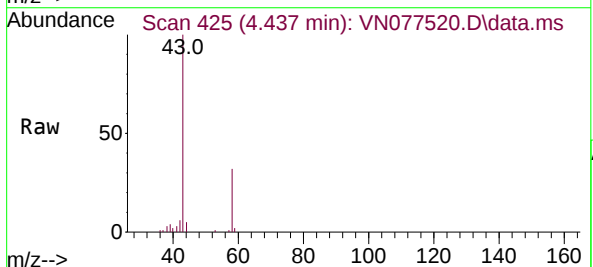
Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#04

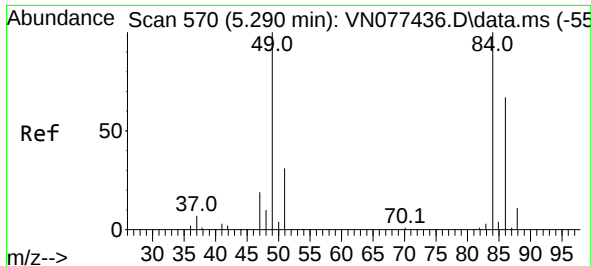
Tgt Ion:168 Resp: 661498
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#16
Acetone
Concen: 31.347 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077520.D
Acq: 29 Apr 2023 15:40

Tgt Ion: 43 Resp: 86084
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0

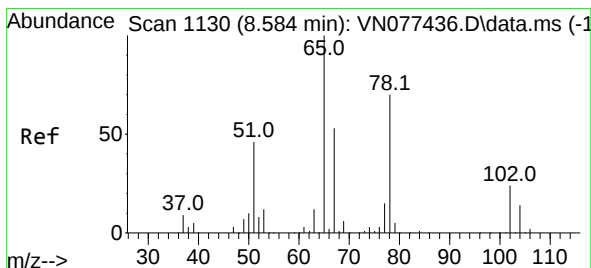
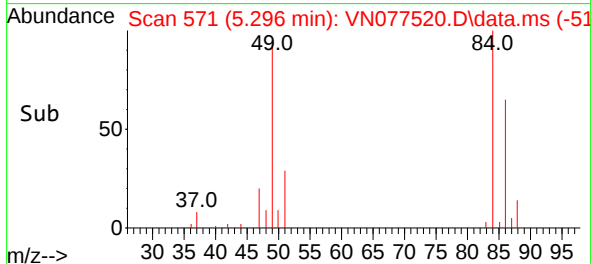
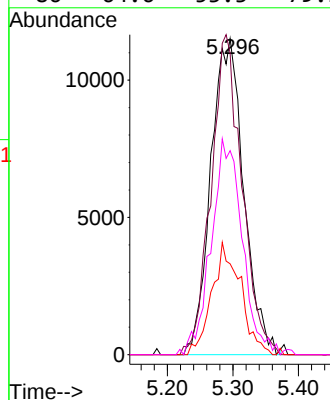
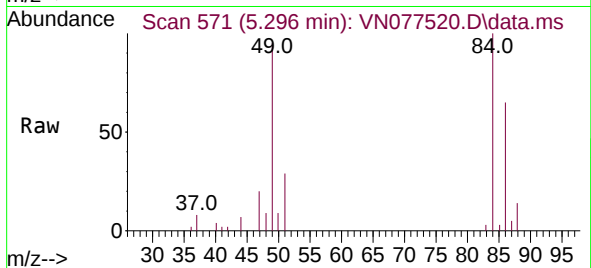




#20
Methylene Chloride
Concen: 4.605 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077520.D
Acq: 29 Apr 2023 15:40

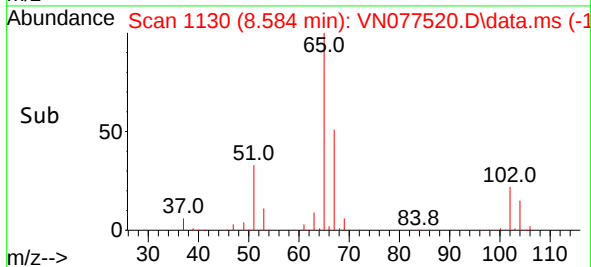
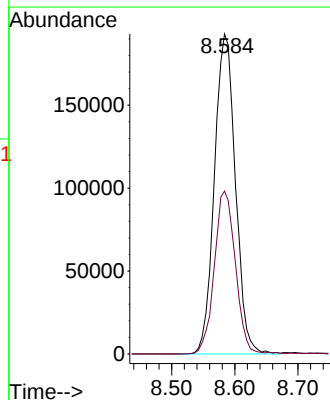
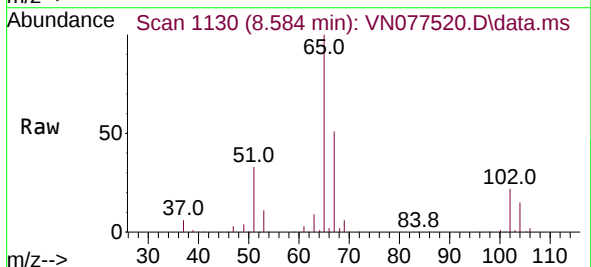
Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#04

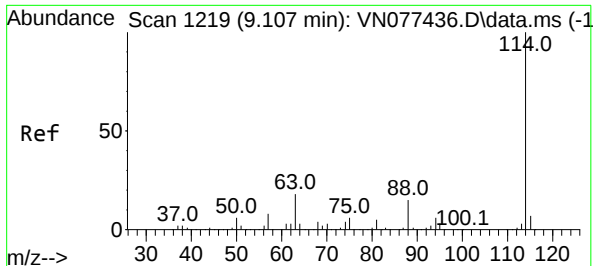
Tgt Ion: 84	Resp: 40105
Ion Ratio	Lower Upper
84 100	
49 95.5	79.7 119.5
51 28.7	25.2 37.8
86 64.6	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 51.670 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077520.D
Acq: 29 Apr 2023 15:40

Tgt Ion: 65	Resp: 446001
Ion Ratio	Lower Upper
65 100	
67 50.9	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077520.D

Acq: 29 Apr 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

PB152434ZHE#04

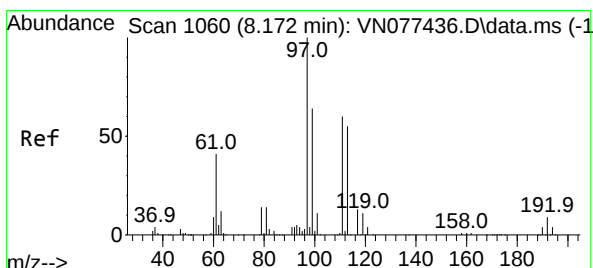
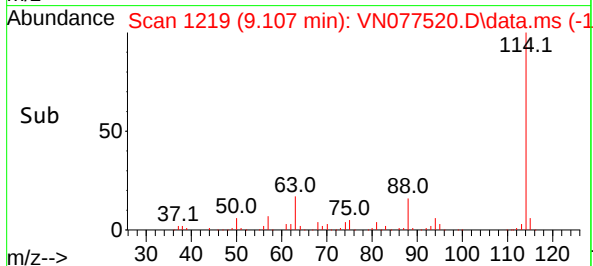
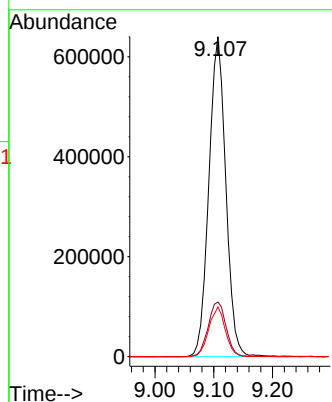
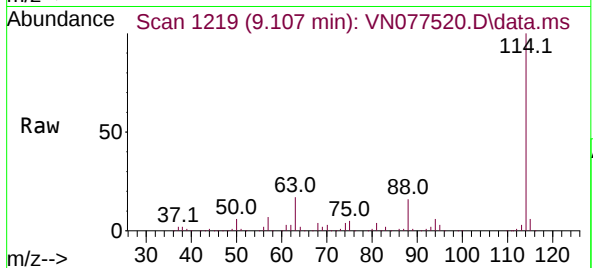
Tgt Ion:114 Resp: 1281838

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.813 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077520.D

Acq: 29 Apr 2023 15:40

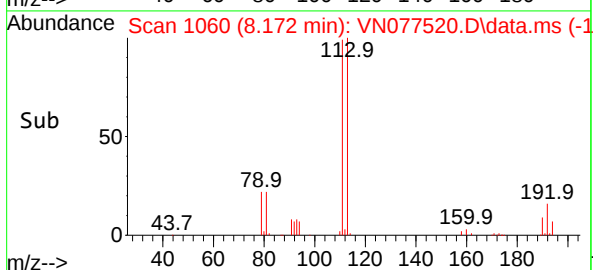
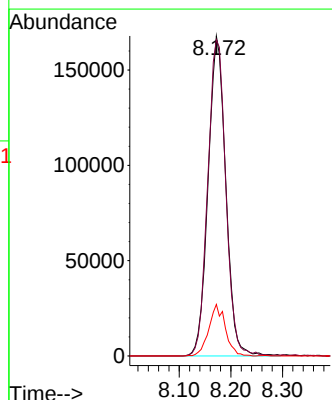
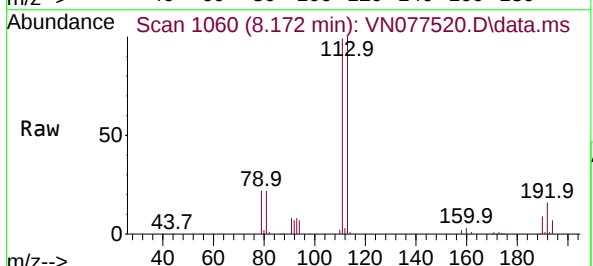
Tgt Ion:113 Resp: 399188

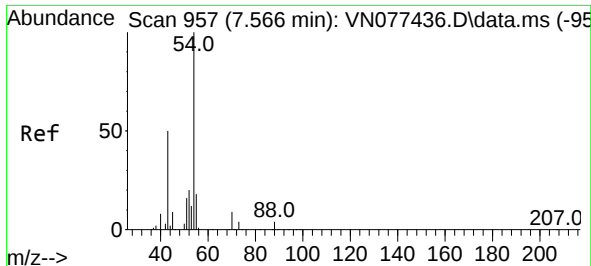
Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

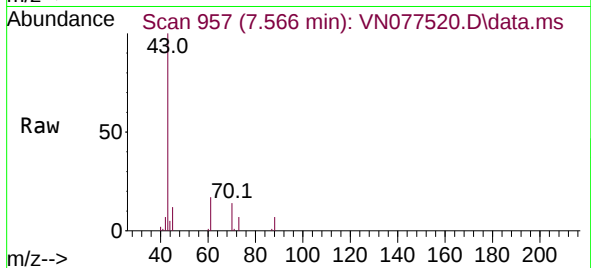
192 15.1 12.7 19.1





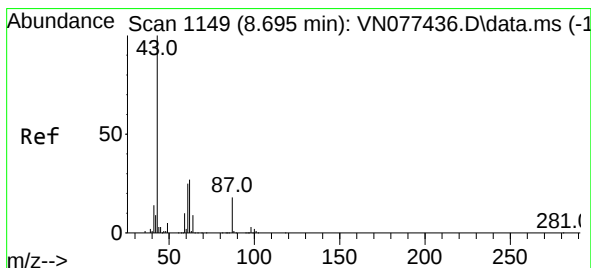
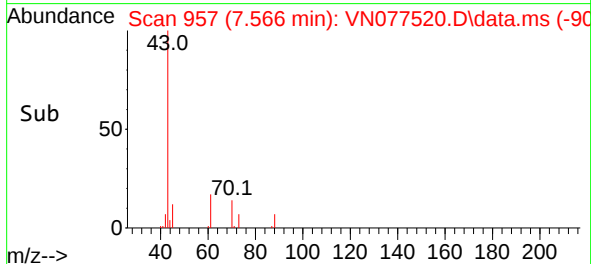
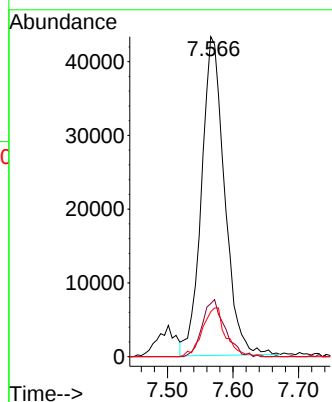
#37
Ethyl Acetate
Concen: 12.507 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077520.D
Acq: 29 Apr 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#04



Tgt Ion: 43 Resp: 105785

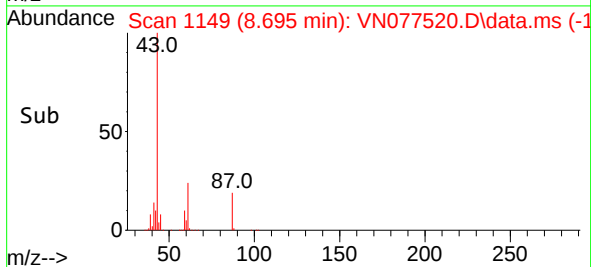
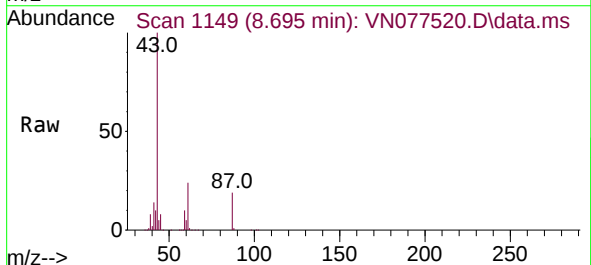
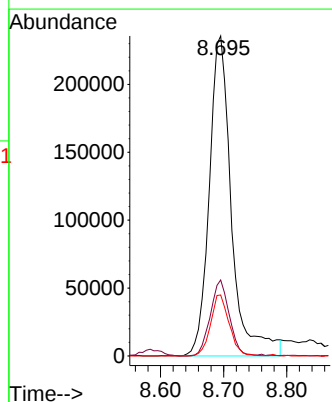
Ion	Ratio	Lower	Upper
43	100		
61	17.4	13.2	19.8
70	15.5	11.3	16.9

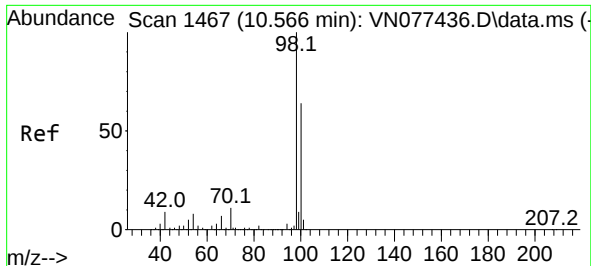


#43
Isopropyl Acetate
Concen: 39.480 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077520.D
Acq: 29 Apr 2023 15:40

Tgt Ion: 43 Resp: 577683

Ion	Ratio	Lower	Upper
43	100		
61	20.2	24.7	37.1#
87	15.9	14.6	21.8

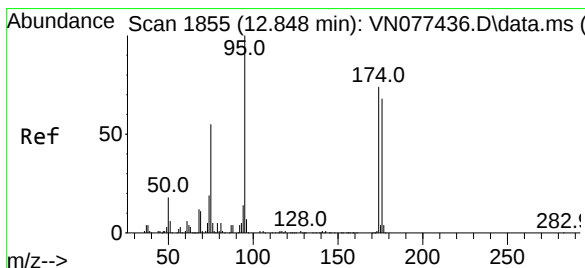
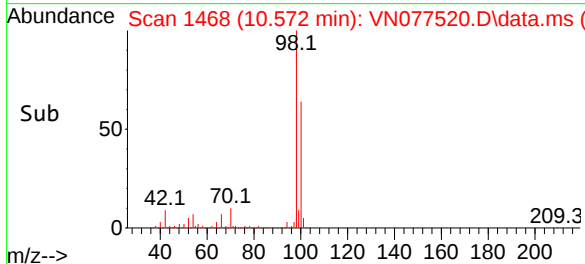
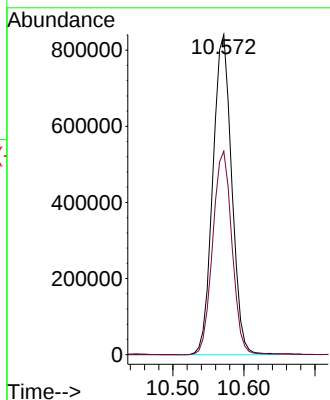
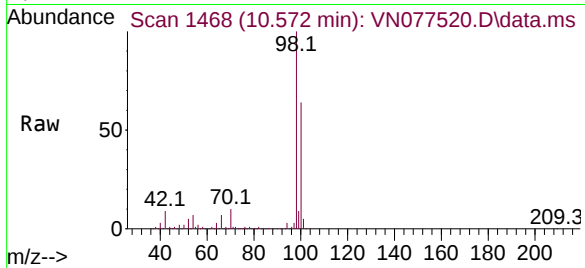




#50
Toluene-d8
Concen: 52.510 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077520.D
Acq: 29 Apr 2023 15:40

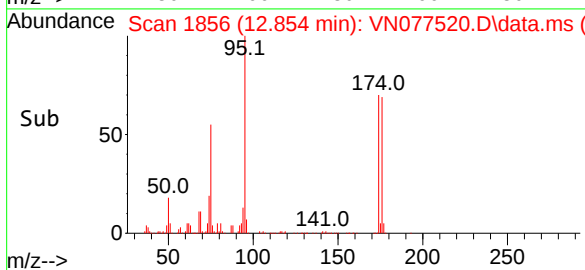
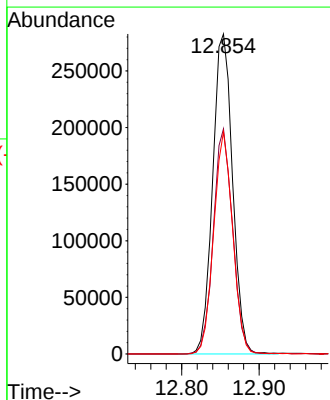
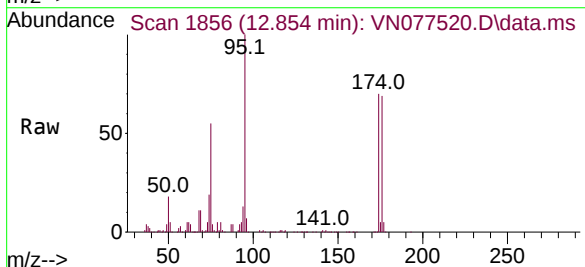
Instrument :
MSVOA_N
ClientSampleId :
PB152434ZHE#04

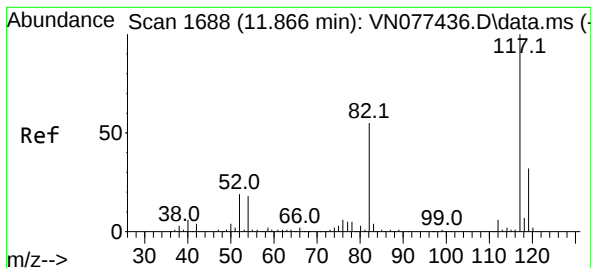
Tgt Ion: 98 Resp: 1550517
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.076 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077520.D
Acq: 29 Apr 2023 15:40

Tgt Ion: 95 Resp: 503098
Ion Ratio Lower Upper
95 100
174 68.2 0.0 143.8
176 66.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077520.D

Acq: 29 Apr 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

PB152434ZHE#04

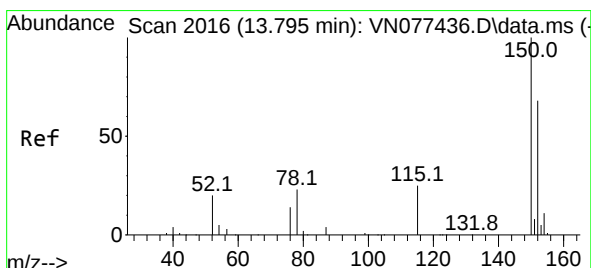
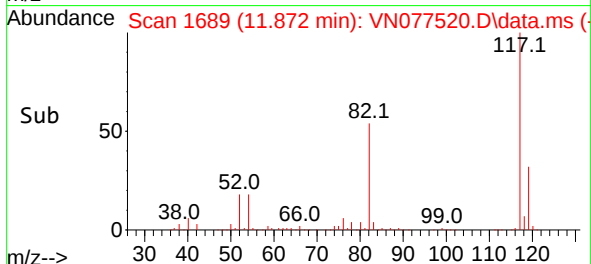
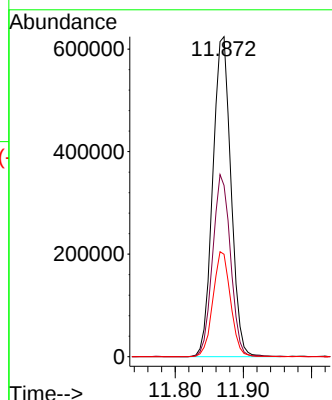
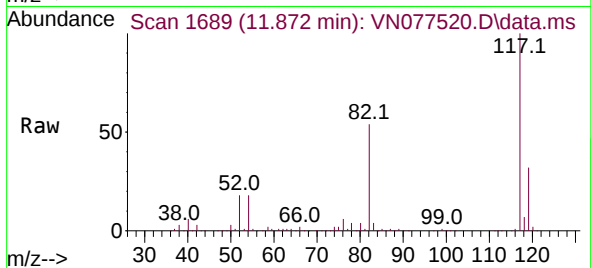
Tgt Ion:117 Resp: 1157924

Ion Ratio Lower Upper

117 100

82 53.5 44.0 66.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077520.D

Acq: 29 Apr 2023 15:40

Tgt Ion:152 Resp: 412369

Ion Ratio Lower Upper

152 100

115 66.1 32.3 96.8

150 158.9 0.0 355.8

