

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077564.D
 Acq On : 03 May 2023 15:44
 Operator : JC\MD
 Sample : PB152533ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#09

Quant Time: May 04 04:48:29 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)

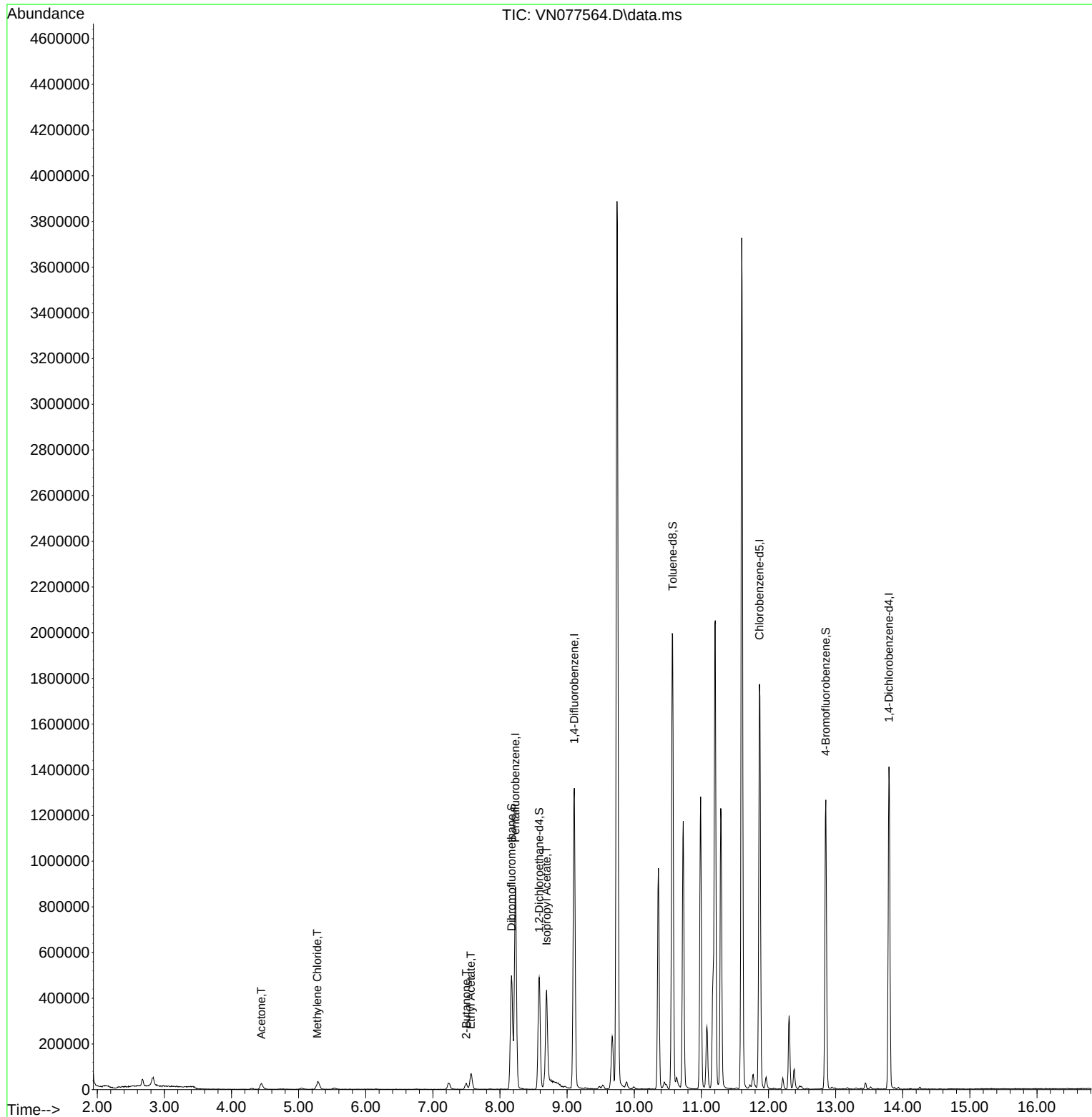
Internal Standards						
1) Pentafluorobenzene	8.231	168	622791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1216620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1130278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	395541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	413610	50.895	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.800%
35) Dibromofluoromethane	8.172	113	370126	50.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.240%
50) Toluene-d8	10.572	98	1496642	53.403	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.800%
62) 4-Bromofluorobenzene	12.854	95	464931	50.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.420%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	48569	18.786	ug/l #	88
20) Methylene Chloride	5.278	84	30074	3.668	ug/l #	82
25) 2-Butanone	7.495	43	36374	9.919	ug/l	95
37) Ethyl Acetate	7.566	43	93099	11.597	ug/l #	92
43) Isopropyl Acetate	8.695	43	494367	35.597	ug/l #	86

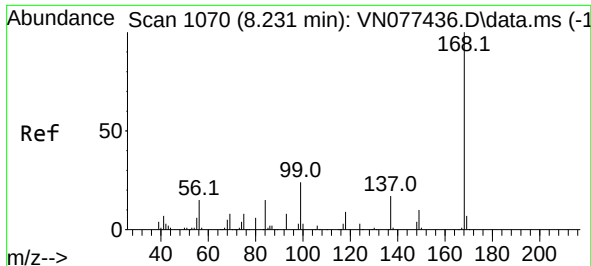
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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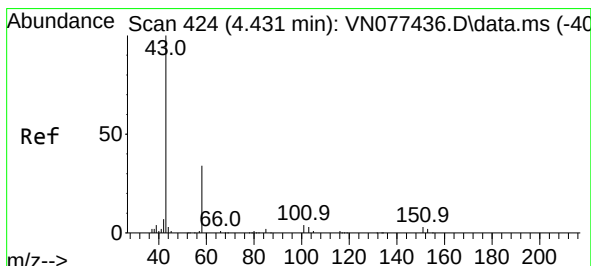
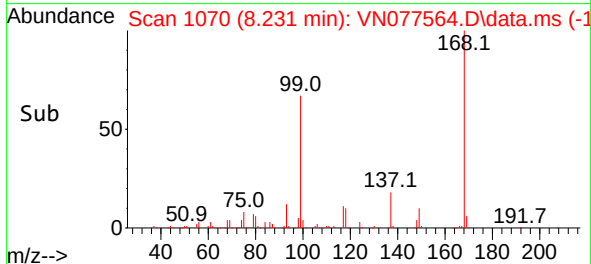
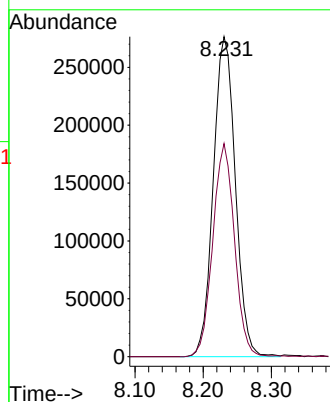
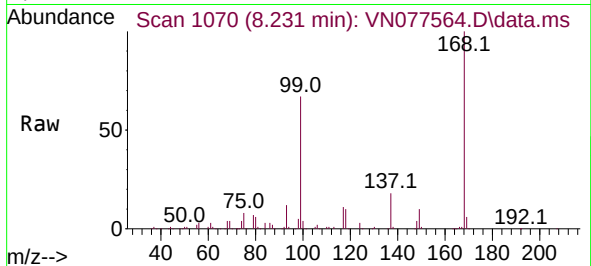




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077564.D
Acq: 03 May 2023 15:44

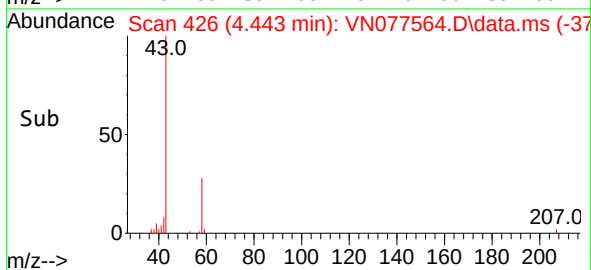
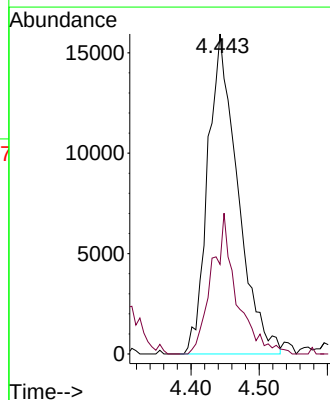
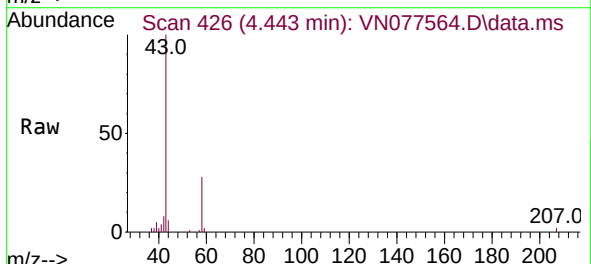
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#09

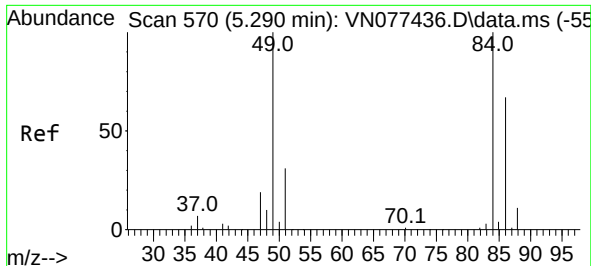
Tgt Ion:168 Resp: 622791
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#16
Acetone
Concen: 18.786 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077564.D
Acq: 03 May 2023 15:44

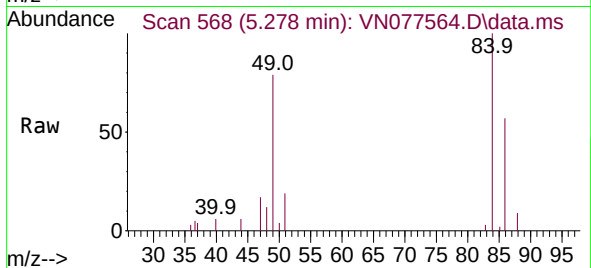
Tgt Ion: 43 Resp: 48569
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0#



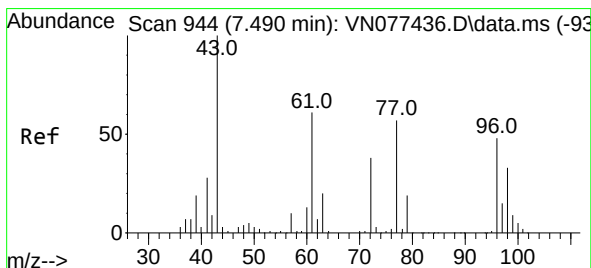
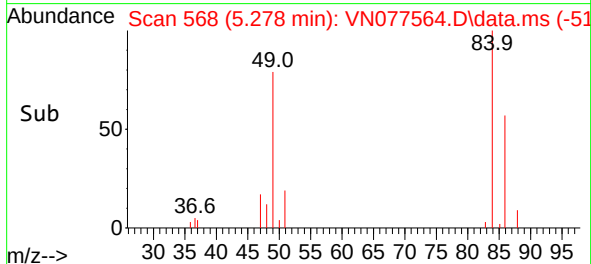
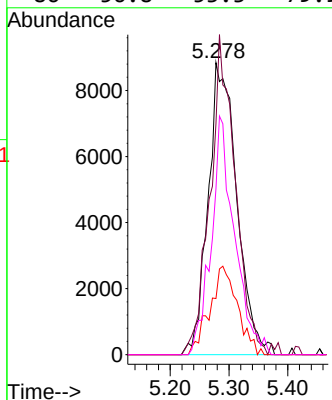


#20
Methylene Chloride
Concen: 3.668 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN077564.D
Acq: 03 May 2023 15:44

Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#09

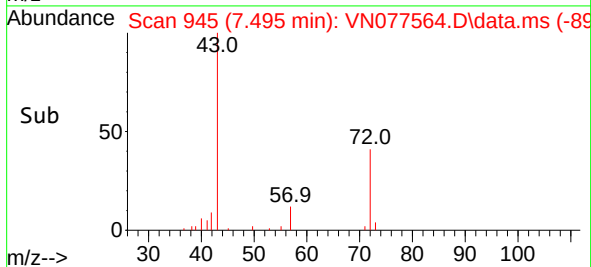
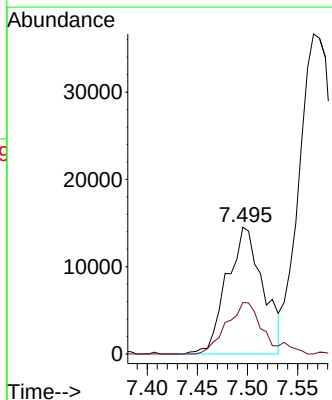
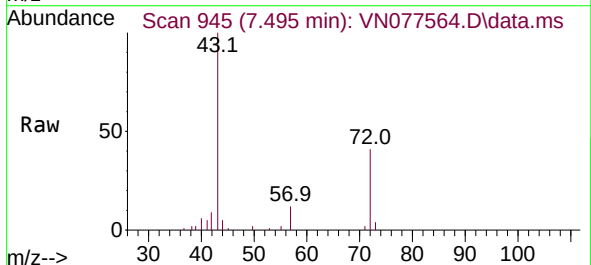


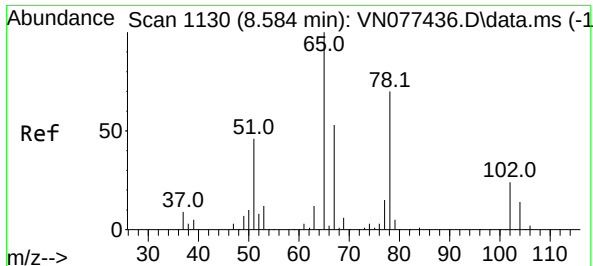
Tgt Ion:	84	Resp:	30074
Ion	Ratio	Lower	Upper
84	100		
49	79.1	79.7	119.5#
51	19.2	25.2	37.8#
86	56.8	53.3	79.9



#25
2-Butanone
Concen: 9.919 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077564.D
Acq: 03 May 2023 15:44

Tgt Ion:	43	Resp:	36374
Ion	Ratio	Lower	Upper
43	100		
72	40.6	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 50.895 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077564.D

Acq: 03 May 2023 15:44

Instrument :

MSVOA_N

ClientSampleId :

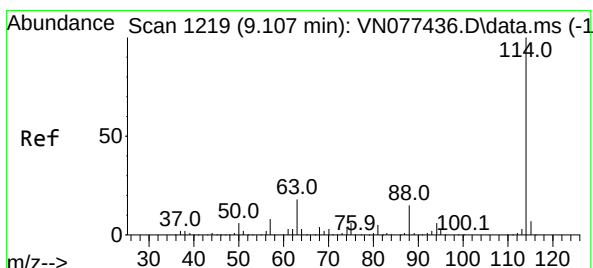
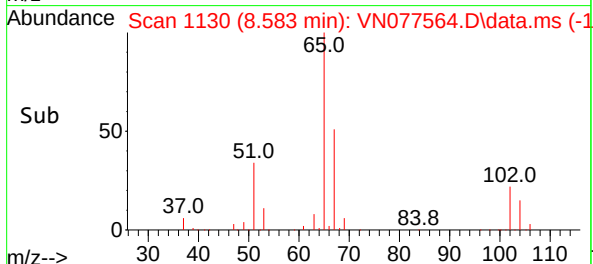
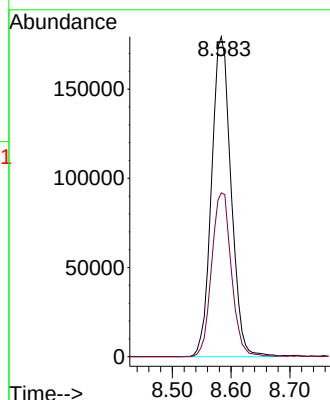
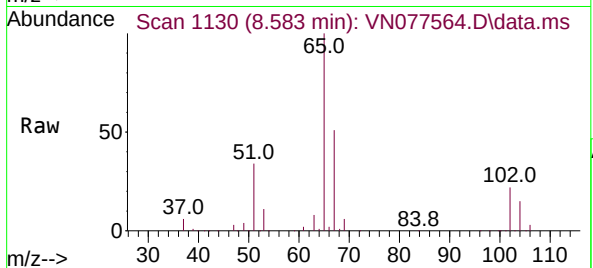
PB152533ZHE#09

Tgt Ion: 65 Resp: 413610

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077564.D

Acq: 03 May 2023 15:44

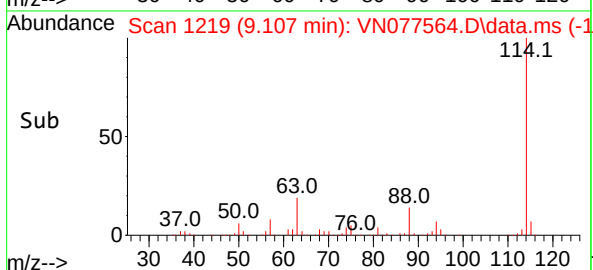
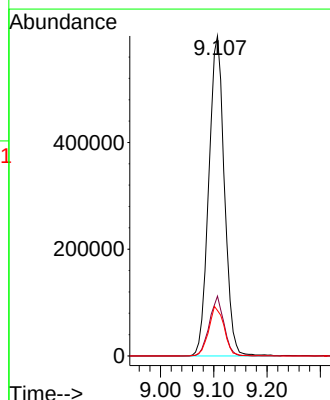
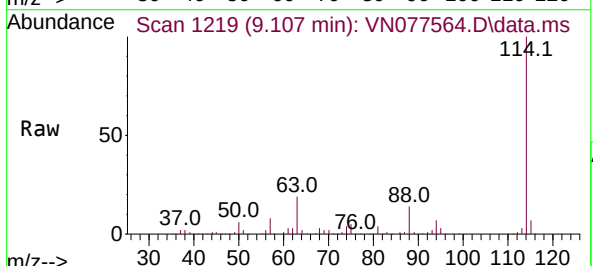
Tgt Ion: 114 Resp: 1216620

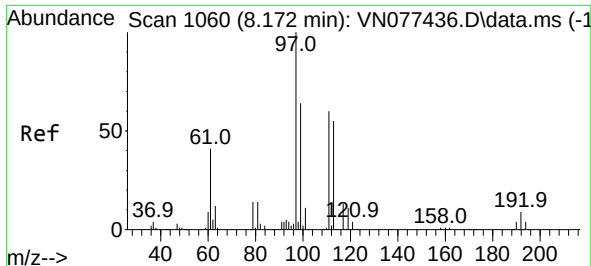
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.616 ug/l

RT: 8.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077564.D

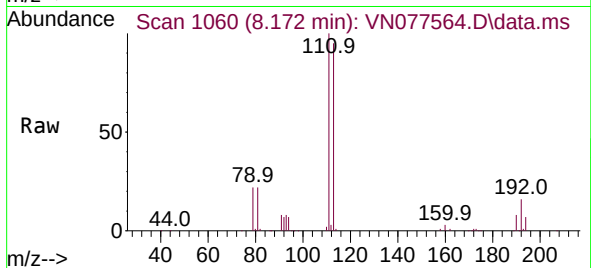
Acq: 03 May 2023 15:44

Instrument :

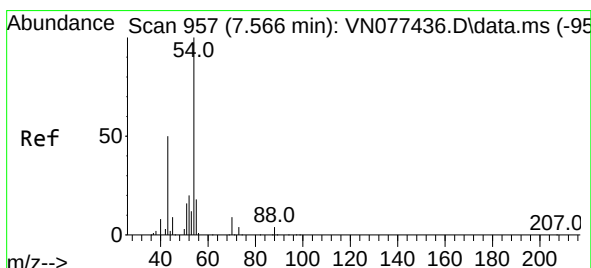
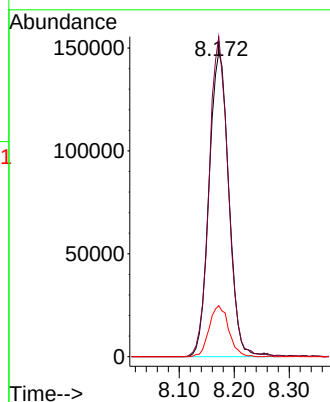
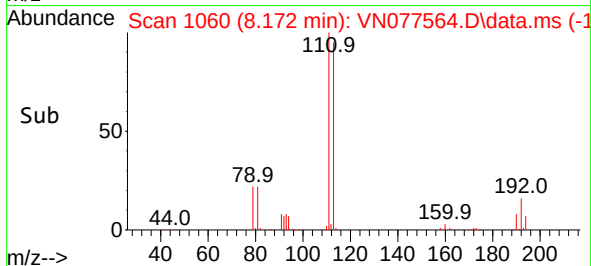
MSVOA_N

ClientSampleId :

PB152533ZHE#09



Tgt Ion:	113	Resp:	370126
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	16.5	12.7	19.1



#37

Ethyl Acetate

Concen: 11.597 ug/l

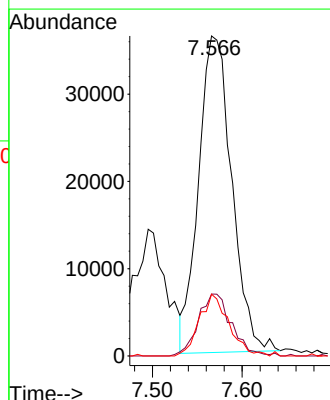
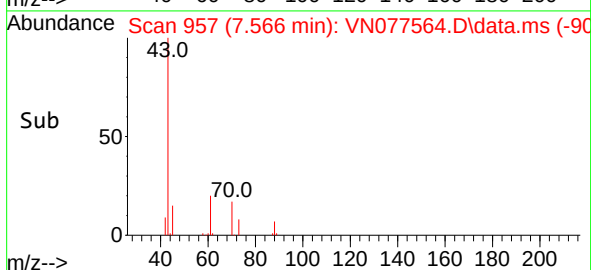
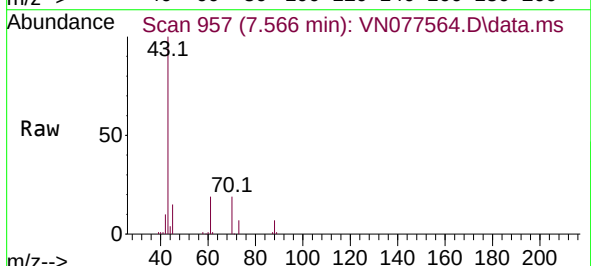
RT: 7.566 min Scan# 957

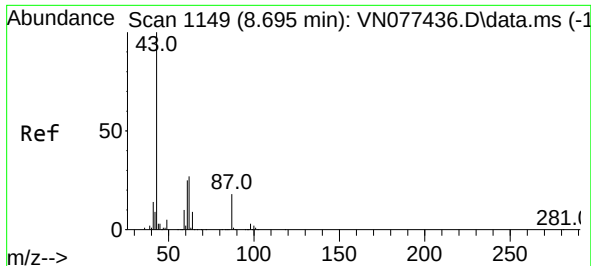
Delta R.T. -0.000 min

Lab File: VN077564.D

Acq: 03 May 2023 15:44

Tgt Ion:	43	Resp:	93099
Ion	Ratio	Lower	Upper
43	100		
61	19.6	13.2	19.8
70	17.5	11.3	16.9

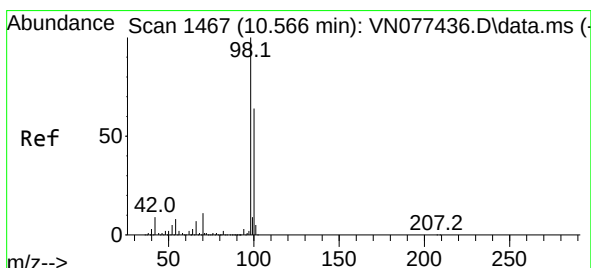
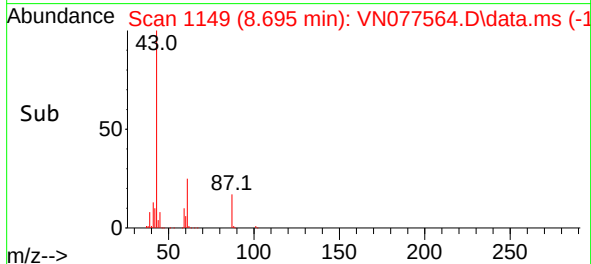
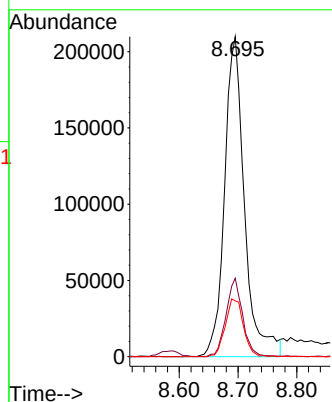
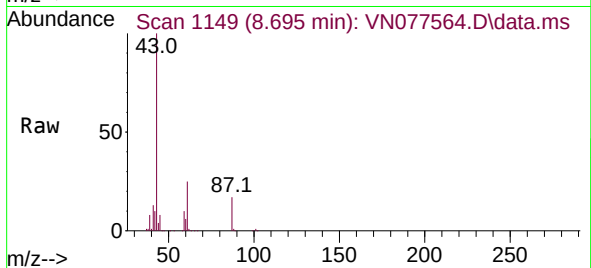




#43
Isopropyl Acetate
Concen: 35.597 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077564.D
Acq: 03 May 2023 15:44

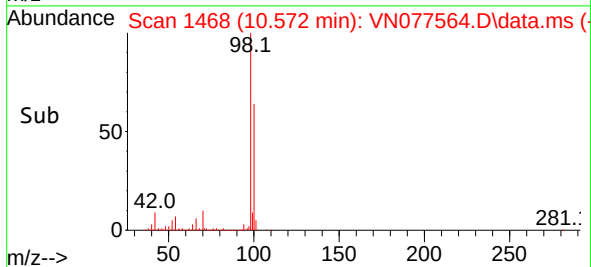
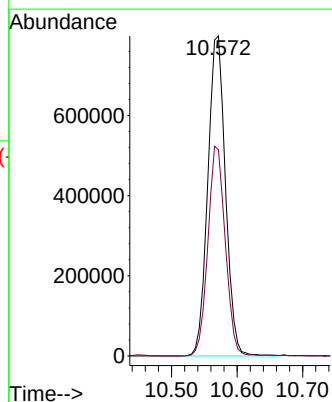
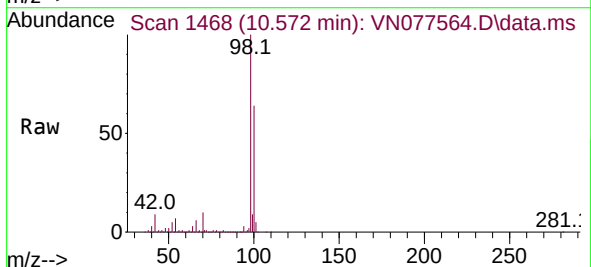
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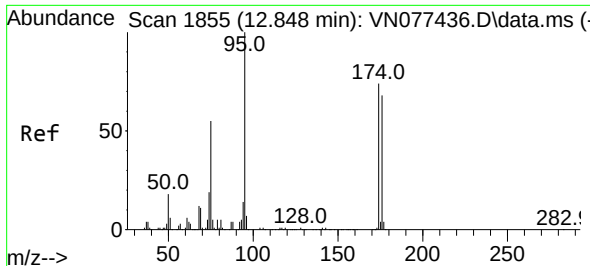
Tgt Ion: 43 Resp: 494367
Ion Ratio Lower Upper
43 100
61 20.5 24.7 37.1#
87 16.3 14.6 21.8



#50
Toluene-d8
Concen: 53.403 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077564.D
Acq: 03 May 2023 15:44

Tgt Ion: 98 Resp: 1496642
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

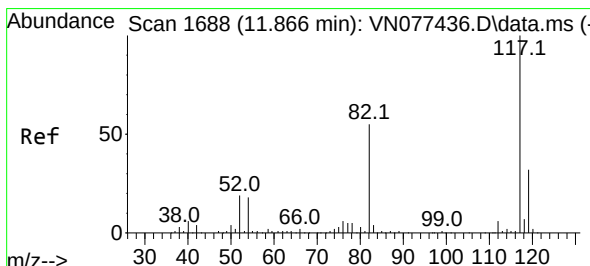
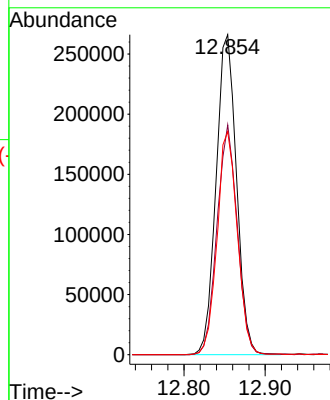
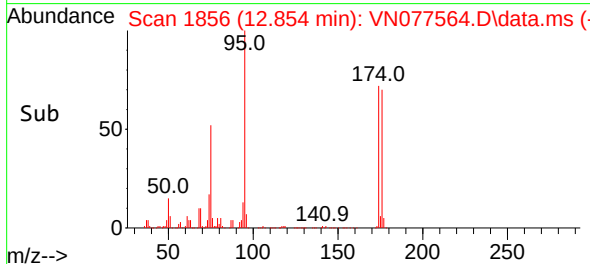
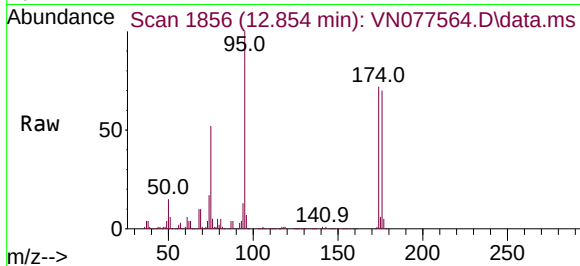




#62
4-Bromofluorobenzene
Concen: 50.706 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077564.D
Acq: 03 May 2023 15:44

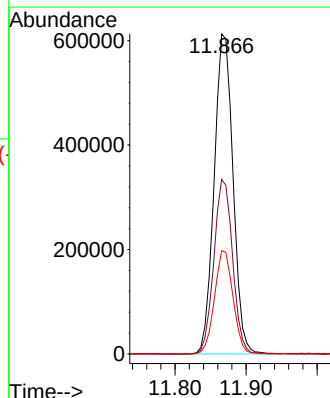
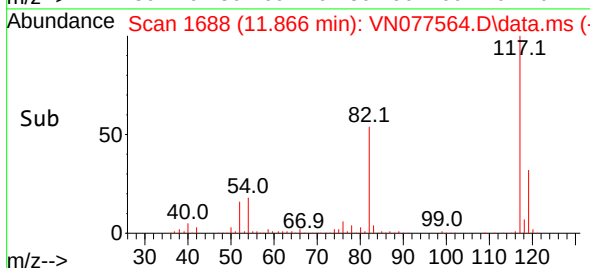
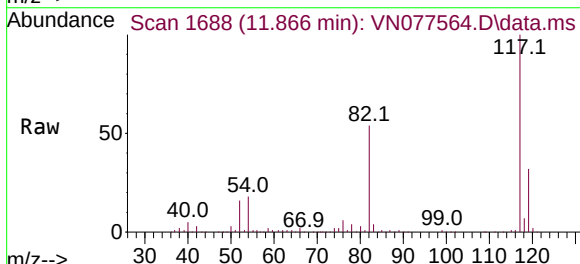
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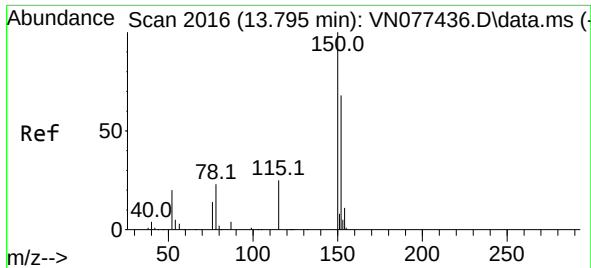
Tgt Ion: 95 Resp: 464931
Ion Ratio Lower Upper
95 100
174 71.2 0.0 143.8
176 69.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077564.D
Acq: 03 May 2023 15:44

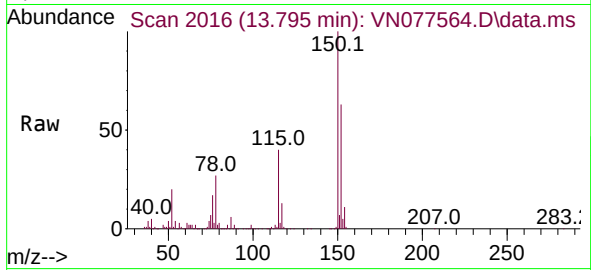
Tgt Ion: 117 Resp: 1130278
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077564.D
 Acq: 03 May 2023 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#09



Tgt Ion:	152	Resp:	395541
Ion	Ratio	Lower	Upper
152	100		
115	64.2	32.3	96.8
150	160.7	0.0	355.8

