

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080639.D
 Acq On : 03 Jan 2024 14:56
 Operator : JC\MD
 Sample : PB158184ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158184ZHE#02

Quant Time: Jan 04 01:59:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

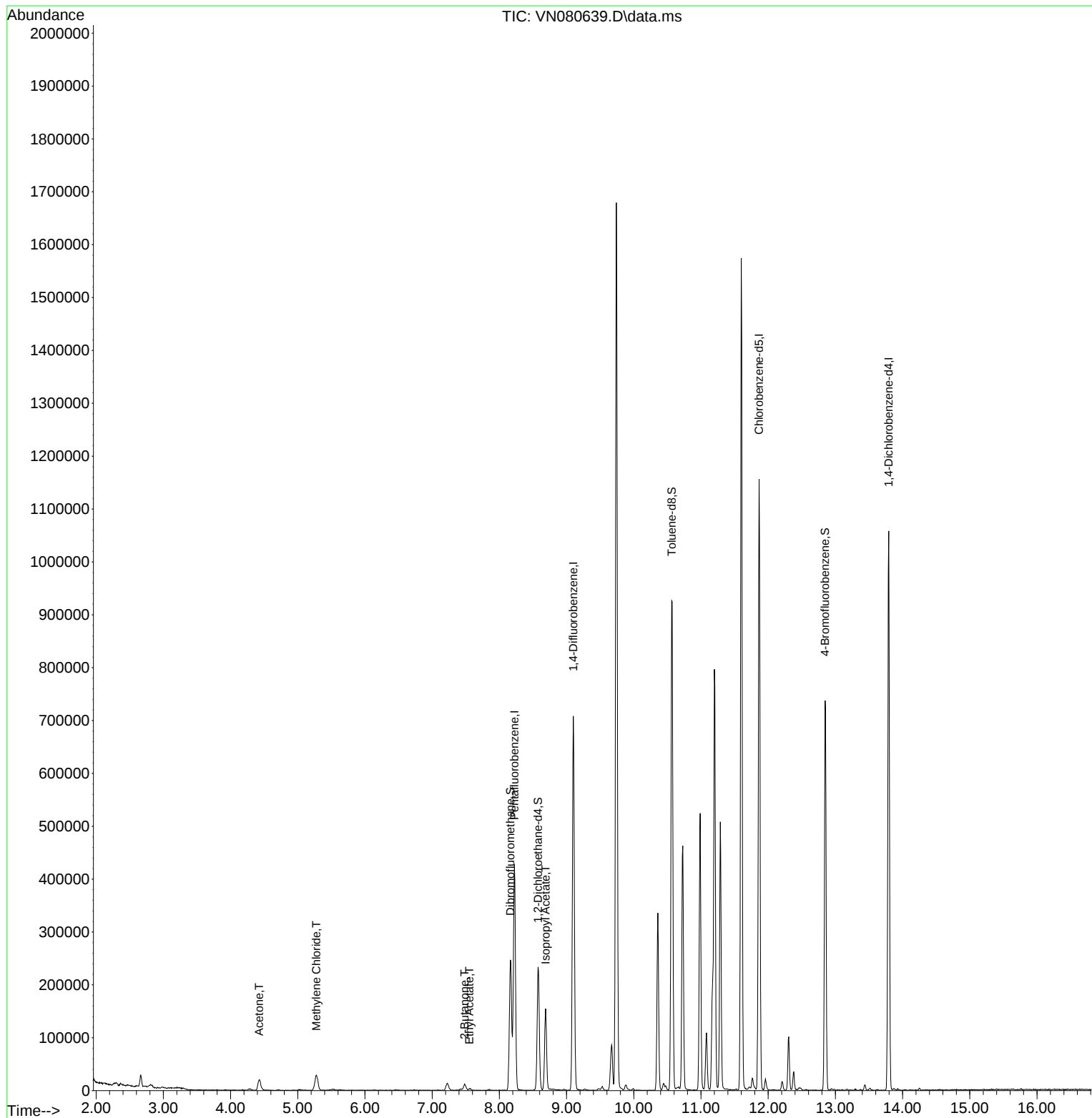
Internal Standards						
1) Pentafluorobenzene	8.224	168	308647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	611826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	667164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	290482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	197486	49.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.760%
35) Dibromofluoromethane	8.165	113	177288	44.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.600%
50) Toluene-d8	10.565	98	678965	49.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.847	95	269271	57.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.820%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	36966	34.348	ug/l	89
20) Methylene Chloride	5.277	84	25014	7.284	ug/l	93
25) 2-Butanone	7.483	43	18383	9.139	ug/l #	81
37) Ethyl Acetate	7.553	43	4597	1.000	ug/l #	88
43) Isopropyl Acetate	8.688	43	164475	22.082	ug/l #	89

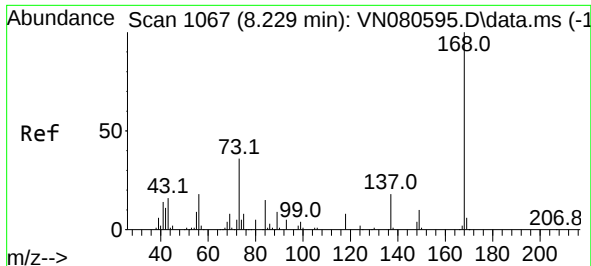
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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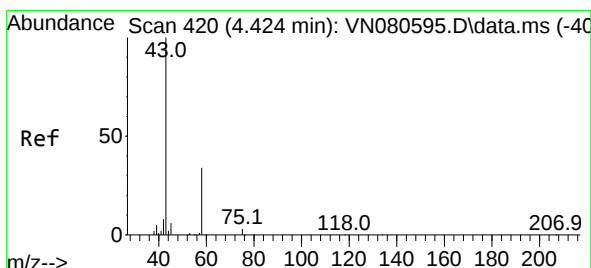
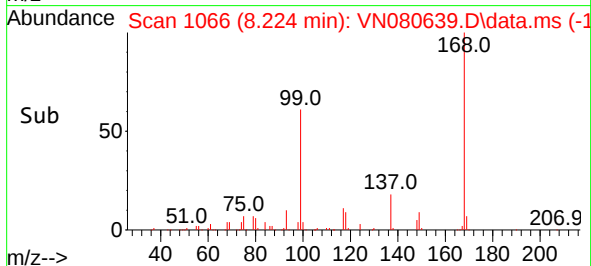
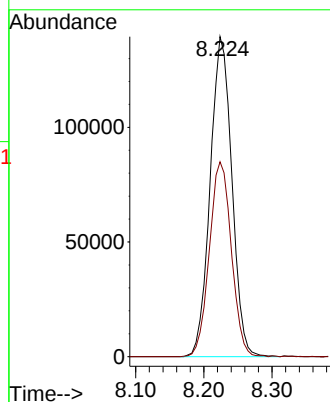
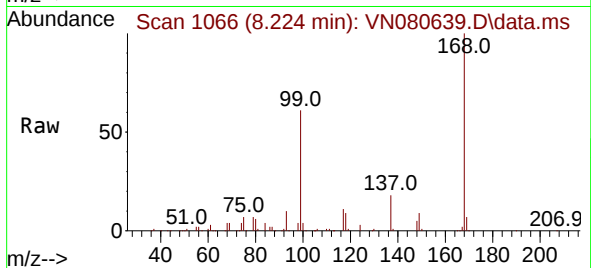




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080639.D
Acq: 03 Jan 2024 14:56

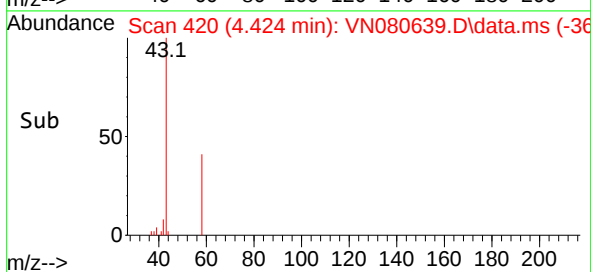
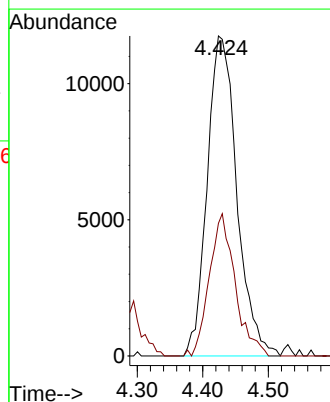
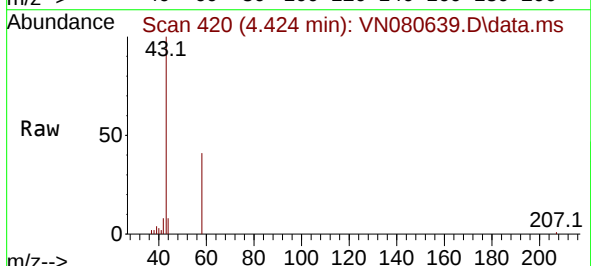
Instrument :
MSVOA_N
ClientSampleId :
PB158184ZHE#02

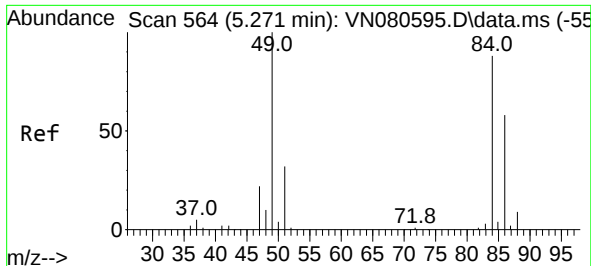
Tgt Ion:168 Resp: 308647
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#16
Acetone
Concen: 34.348 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080639.D
Acq: 03 Jan 2024 14:56

Tgt Ion: 43 Resp: 36966
Ion Ratio Lower Upper
43 100
58 41.5 28.0 42.0

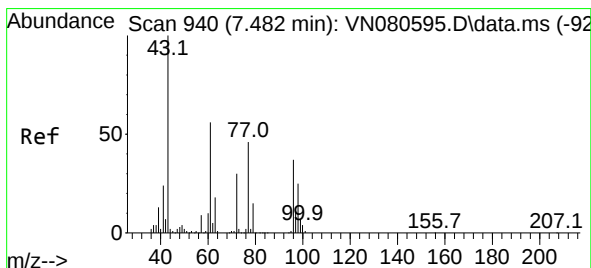
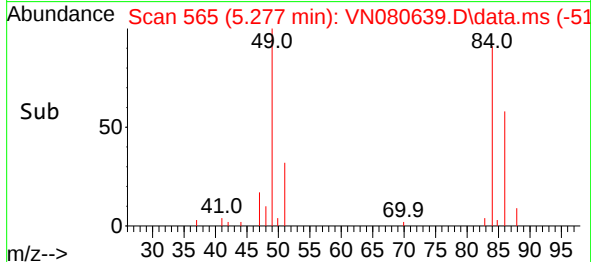
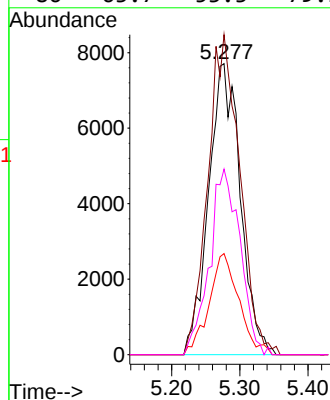
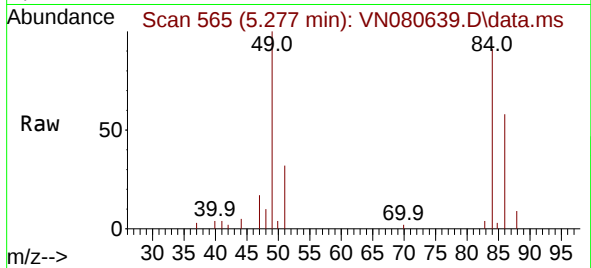




#20
Methylene Chloride
Concen: 7.284 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080639.D
Acq: 03 Jan 2024 14:56

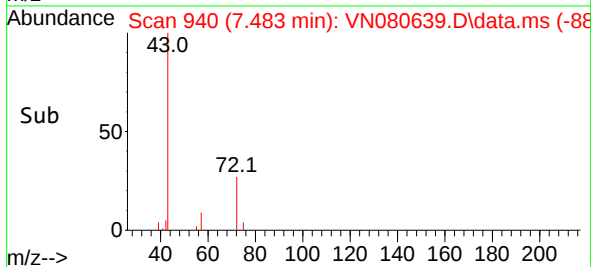
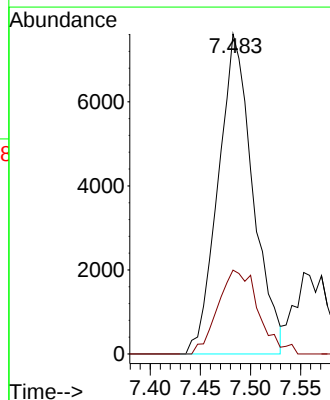
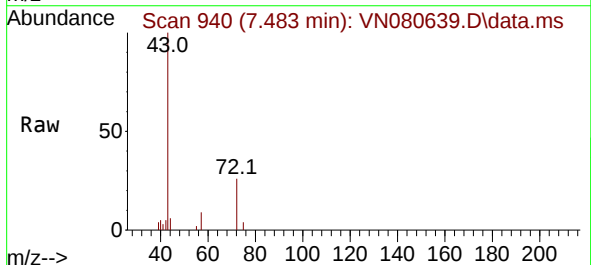
Instrument :
MSVOA_N
ClientSampleId :
PB158184ZHE#02

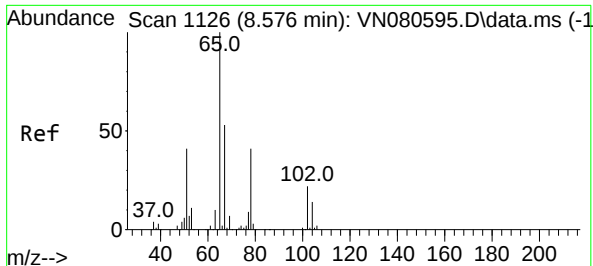
Tgt Ion: 84	Resp:	25014	
Ion	Ratio	Lower	Upper
84	100		
49	109.9	79.7	119.5
51	34.7	25.2	37.8
86	63.7	53.3	79.9



#25
2-Butanone
Concen: 9.139 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080639.D
Acq: 03 Jan 2024 14:56

Tgt Ion: 43	Resp: 18383
Ion Ratio	Lower Upper
43 100	
72 26.2	30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 49.882 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080639.D

Acq: 03 Jan 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

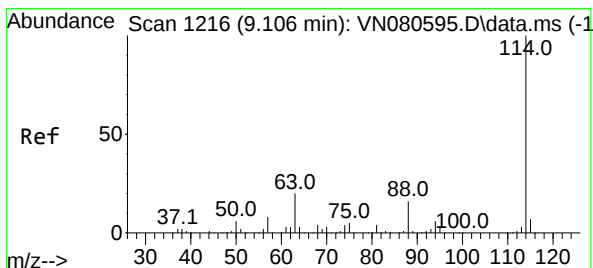
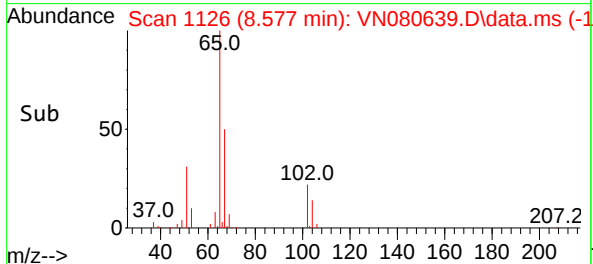
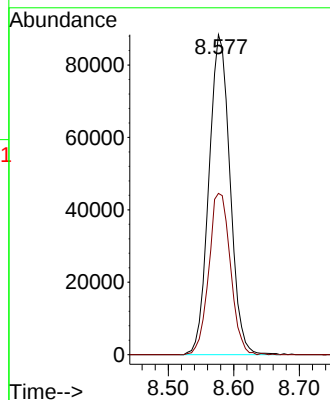
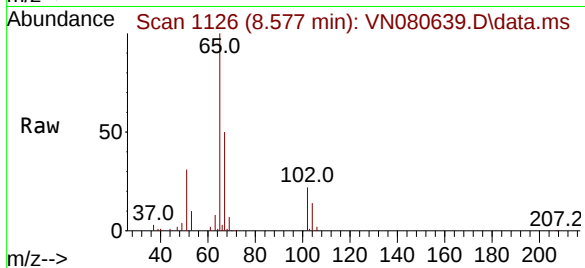
PB158184ZHE#02

Tgt Ion: 65 Resp: 197486

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080639.D

Acq: 03 Jan 2024 14:56

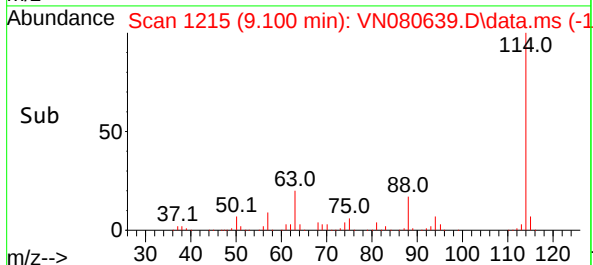
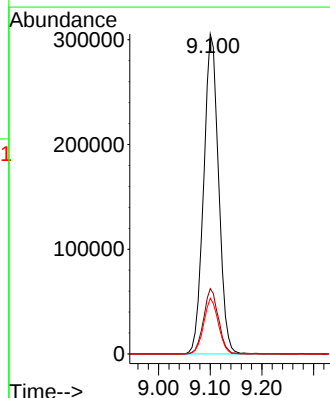
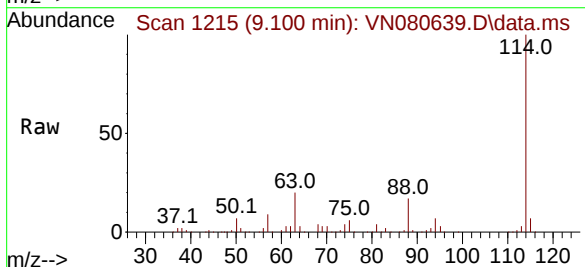
Tgt Ion: 114 Resp: 611826

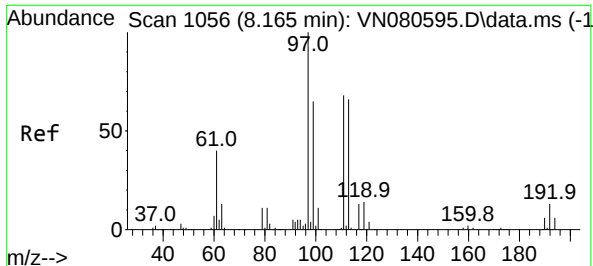
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.4 0.0 30.6

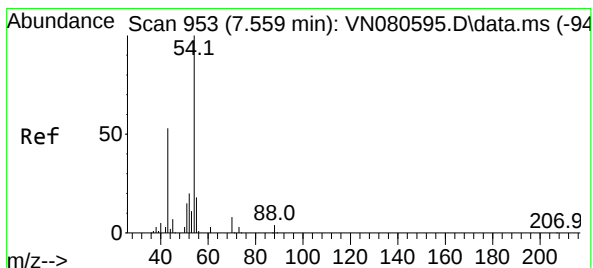
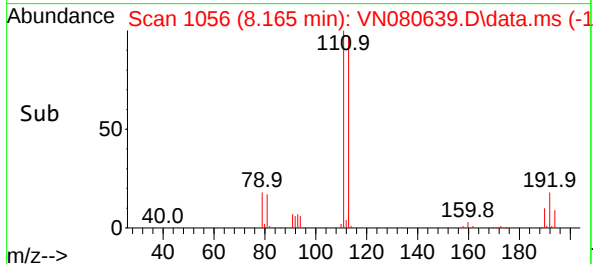
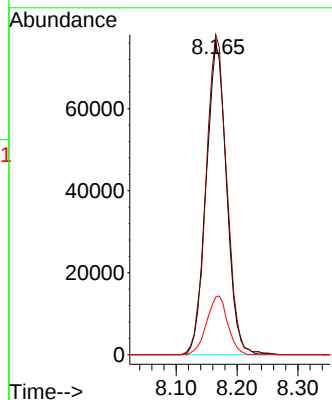
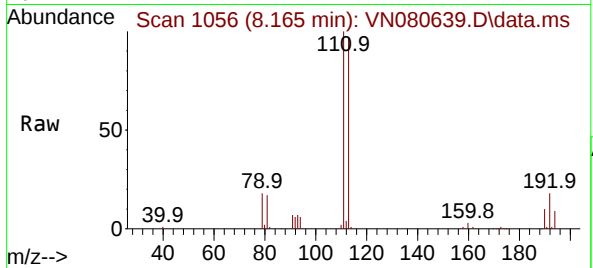




#35
Dibromofluoromethane
Concen: 44.803 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080639.D
Acq: 03 Jan 2024 14:56

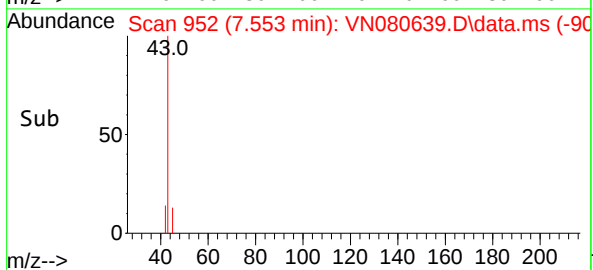
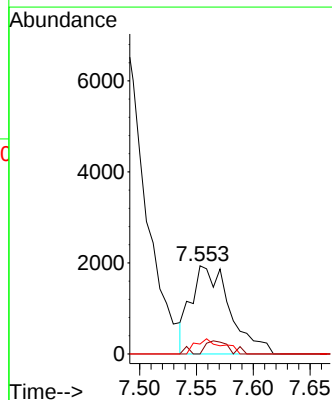
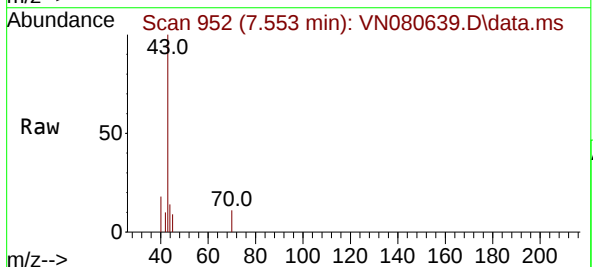
Instrument :
MSVOA_N
ClientSampleId :
PB158184ZHE#02

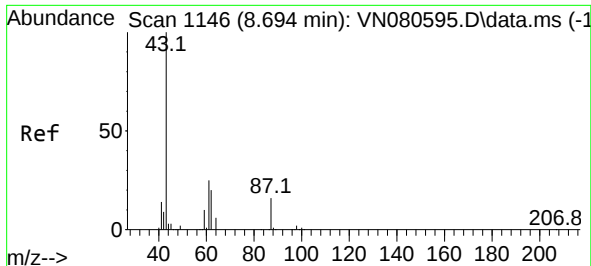
Tgt Ion:113 Resp: 177288
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.3 12.7 19.1#



#37
Ethyl Acetate
Concen: 1.000 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN080639.D
Acq: 03 Jan 2024 14:56

Tgt Ion: 43 Resp: 4597
Ion Ratio Lower Upper
43 100
61 8.9 13.2 19.8#
70 12.0 11.3 16.9





#43

Isopropyl Acetate

Concen: 22.082 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN080639.D

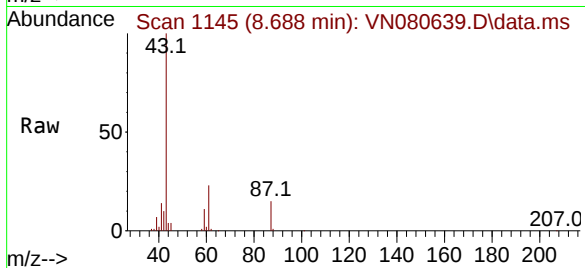
Acq: 03 Jan 2024 14:56

Instrument :

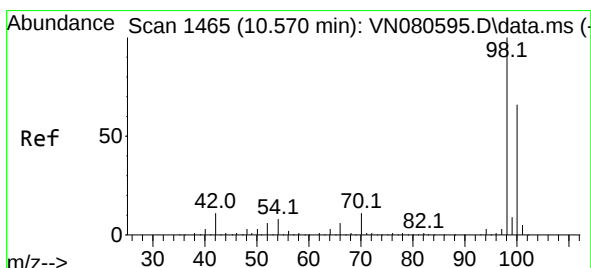
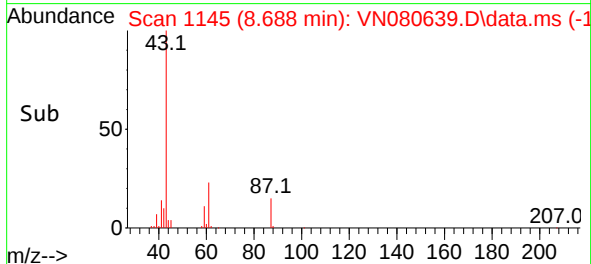
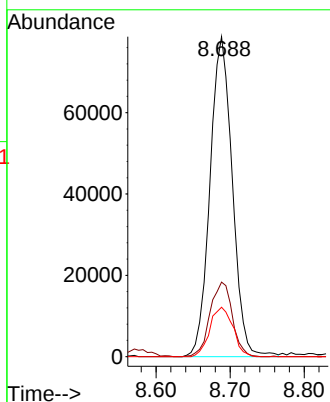
MSVOA_N

ClientSampleId :

PB158184ZHE#02



Tgt Ion:	43	Resp:	164475
Ion Ratio	Lower	Upper	
43	100		
61	23.3	24.7	37.1#
87	16.0	14.6	21.8



#50

Toluene-d8

Concen: 49.143 ug/l

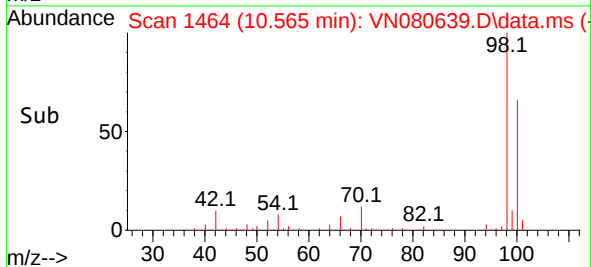
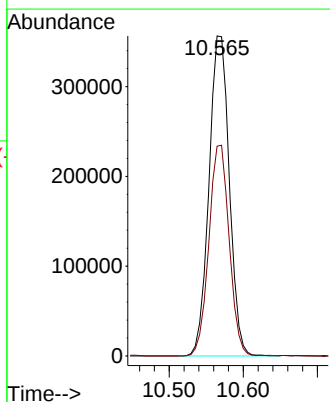
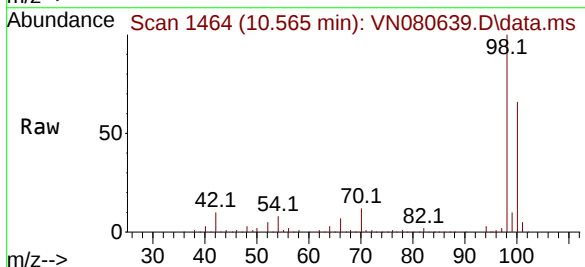
RT: 10.565 min Scan# 1464

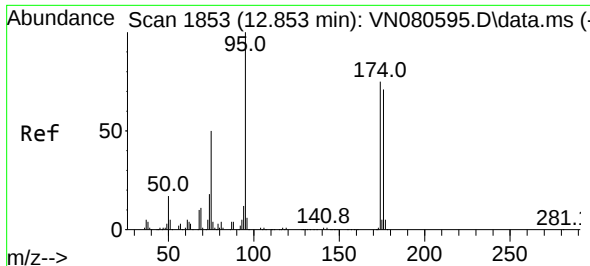
Delta R.T. -0.006 min

Lab File: VN080639.D

Acq: 03 Jan 2024 14:56

Tgt Ion:	98	Resp:	678965
Ion Ratio	Lower	Upper	
98	100		
100	65.8	52.0	78.0

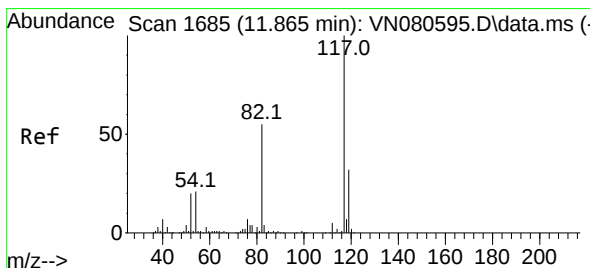
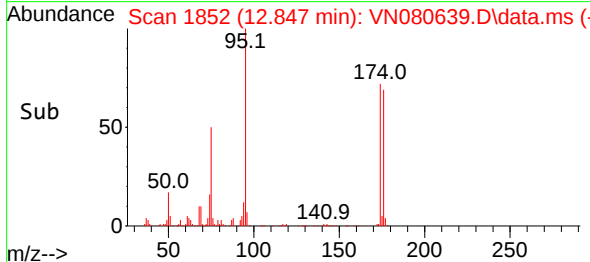
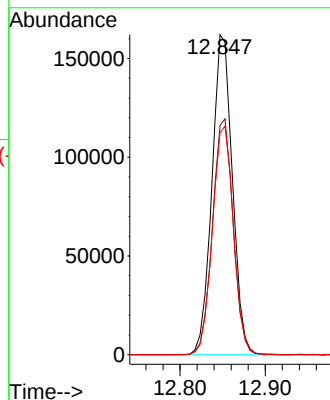
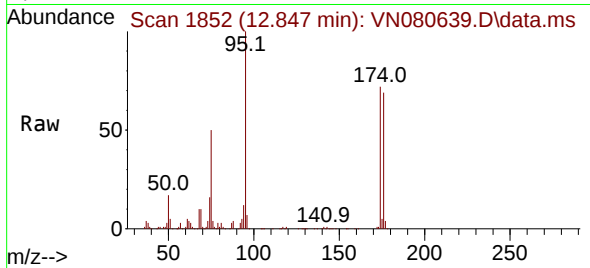




#62
4-Bromofluorobenzene
Concen: 57.911 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080639.D
Acq: 03 Jan 2024 14:56

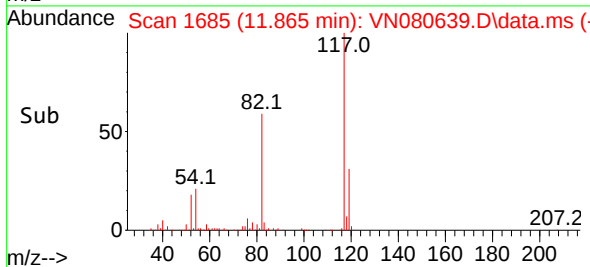
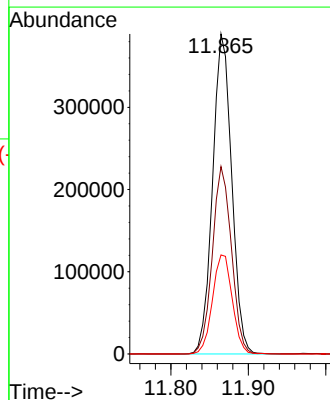
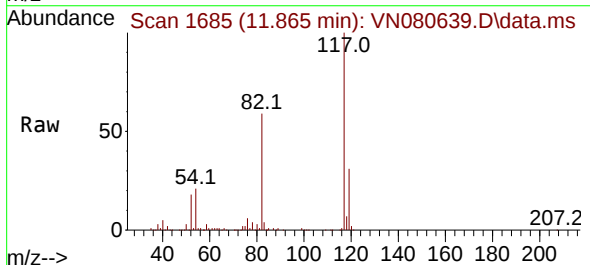
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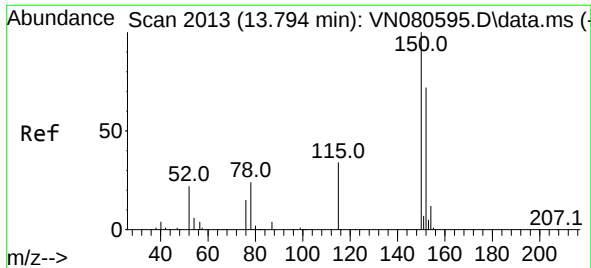
Tgt Ion: 95 Resp: 269271
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 73.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080639.D
Acq: 03 Jan 2024 14:56

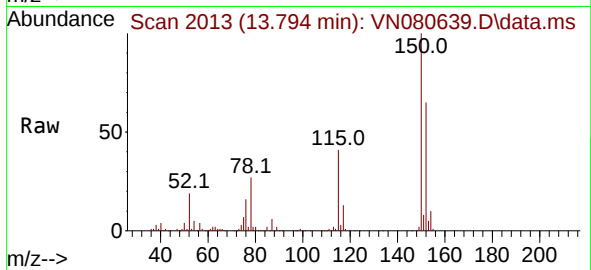
Tgt Ion:117 Resp: 667164
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 30.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080639.D
 Acq: 03 Jan 2024 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158184ZHE#02



Tgt Ion:152 Resp: 290482
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.3 96.8
 150 155.2 0.0 355.8

