

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085676.D
 Acq On : 05 Feb 2025 14:47
 Operator : JC\MD
 Sample : PB166529ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529ZHE#05

Quant Time: Feb 06 00:41:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

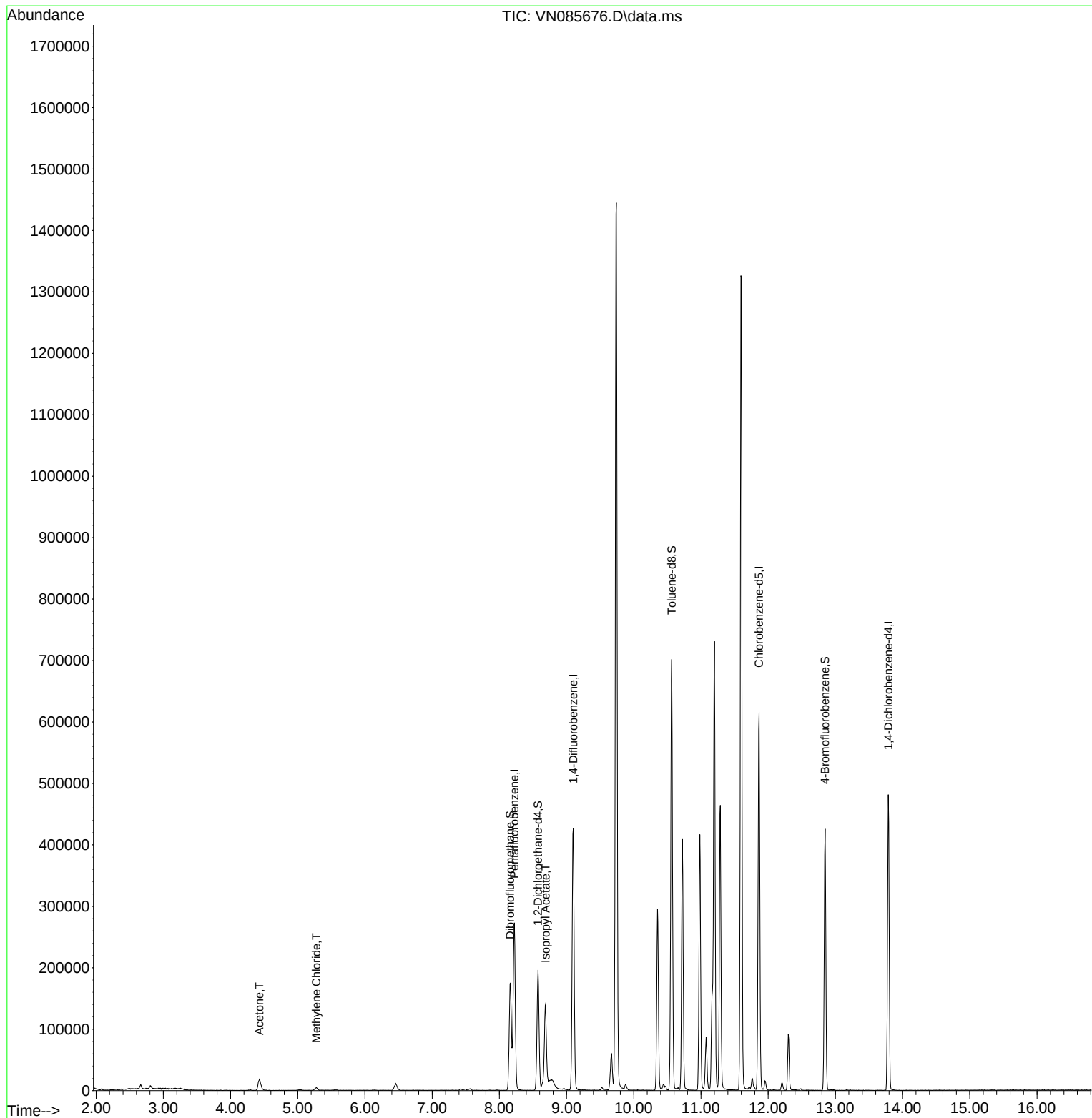
Internal Standards						
1) Pentafluorobenzene	8.224	168	190051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	371968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150115	48.932	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	8.159	113	124406	48.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	10.565	98	483336	52.716	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.440%
62) 4-Bromofluorobenzene	12.847	95	142897	45.561	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.120%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	34361	34.665	ug/l	99
20) Methylene Chloride	5.277	84	3240	1.320	ug/l #	84
43) Isopropyl Acetate	8.688	43	164935	28.157	ug/l #	88

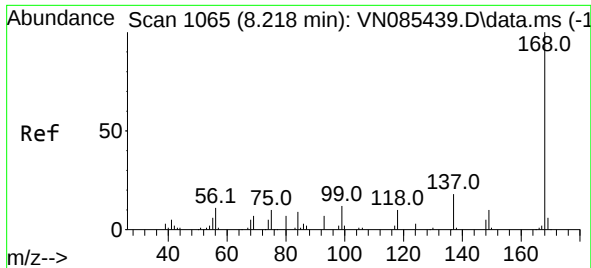
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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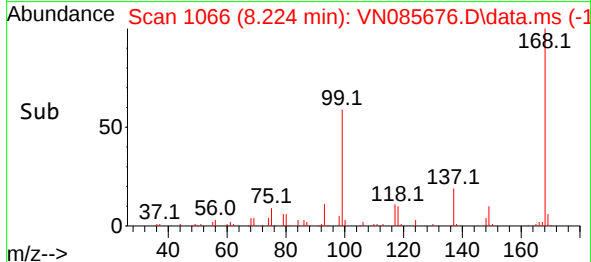
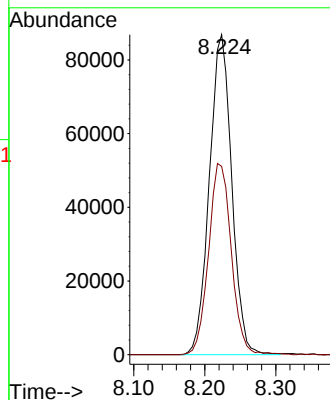
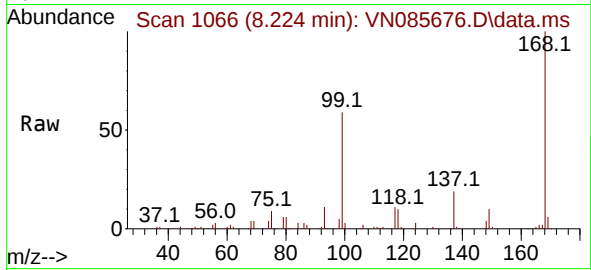




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085676.D
Acq: 05 Feb 2025 14:47

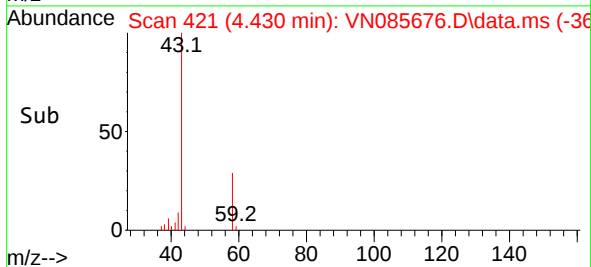
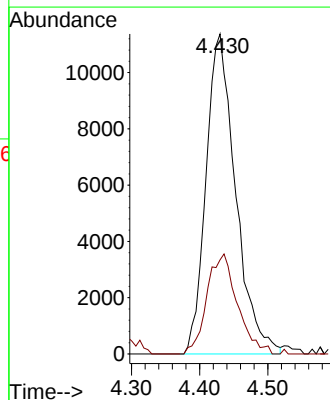
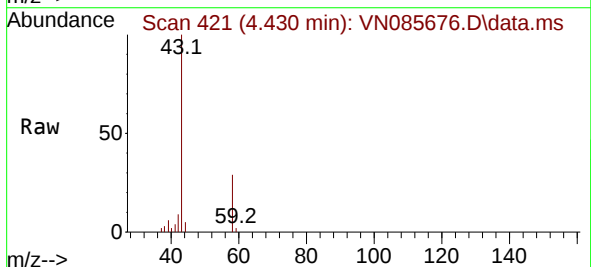
Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#05

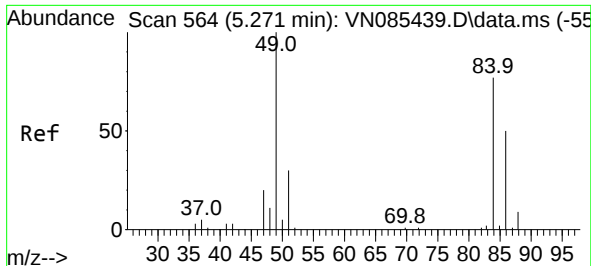
Tgt Ion:168 Resp: 190051
Ion Ratio Lower Upper
168 100
99 58.9 53.6 80.4



#16
Acetone
Concen: 34.665 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085676.D
Acq: 05 Feb 2025 14:47

Tgt Ion: 43 Resp: 34361
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.6

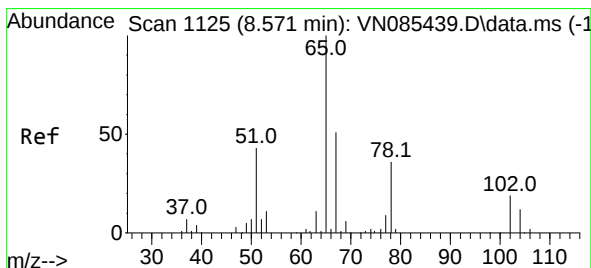
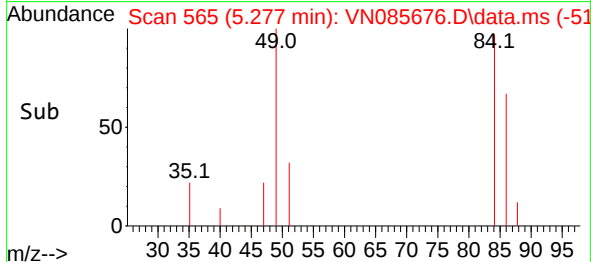
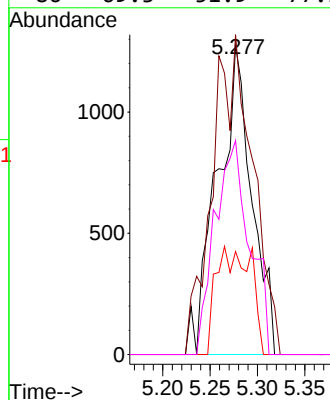
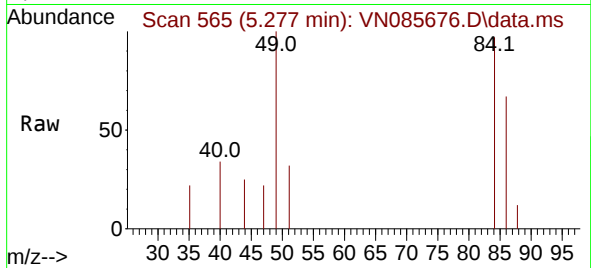




#20
Methylene Chloride
Concen: 1.320 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085676.D
Acq: 05 Feb 2025 14:47

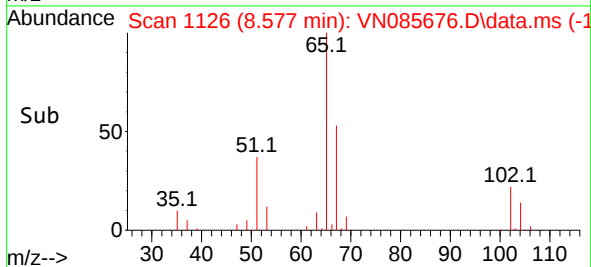
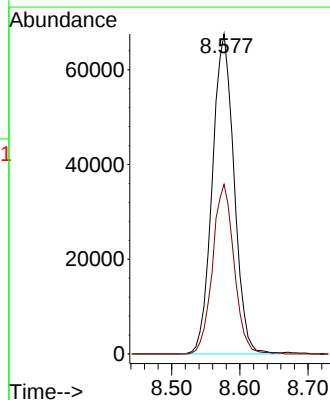
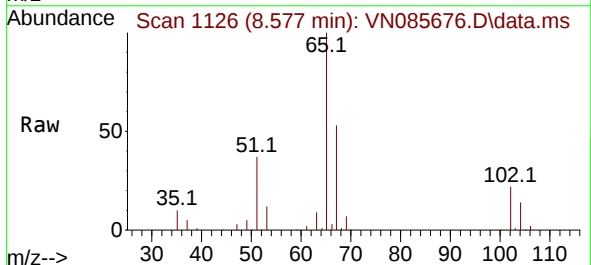
Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#05

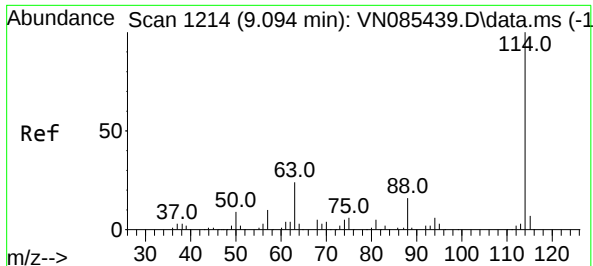
Tgt Ion: 84 Resp: 3240
Ion Ratio Lower Upper
84 100
49 103.5 104.1 156.1#
51 33.4 31.0 46.4
86 69.3 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 48.932 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085676.D
Acq: 05 Feb 2025 14:47

Tgt Ion: 65 Resp: 150115
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085676.D

Acq: 05 Feb 2025 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB166529ZHE#05

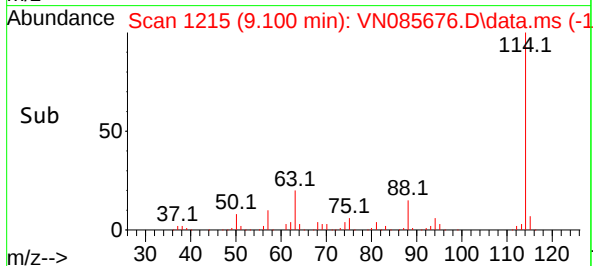
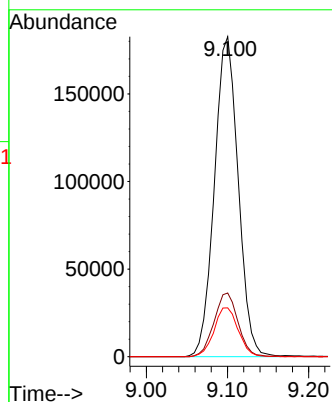
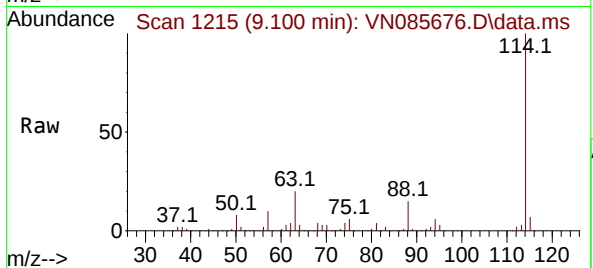
Tgt Ion:114 Resp: 371968

Ion Ratio Lower Upper

114 100

63 19.9 0.0 47.6

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.209 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085676.D

Acq: 05 Feb 2025 14:47

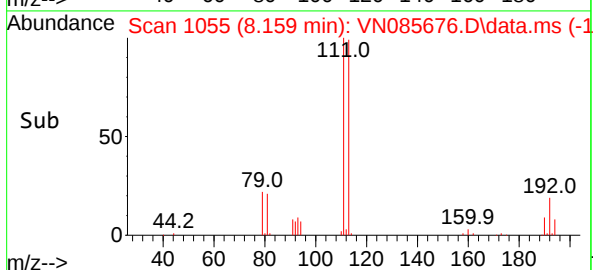
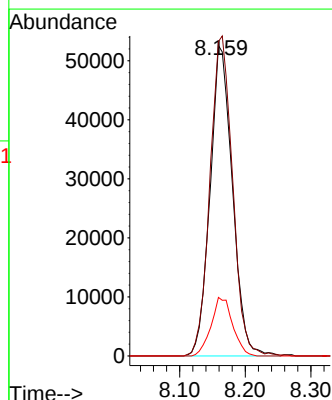
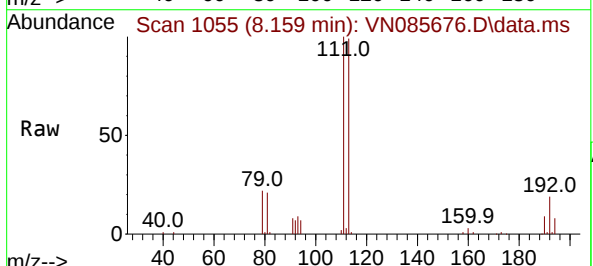
Tgt Ion:113 Resp: 124406

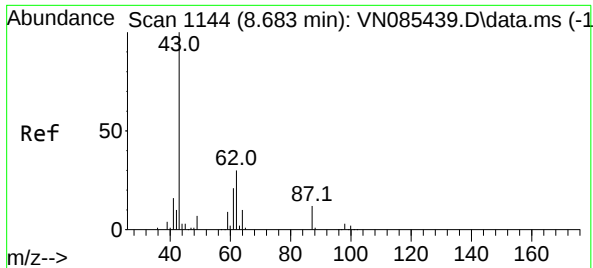
Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

192 18.2 14.3 21.5

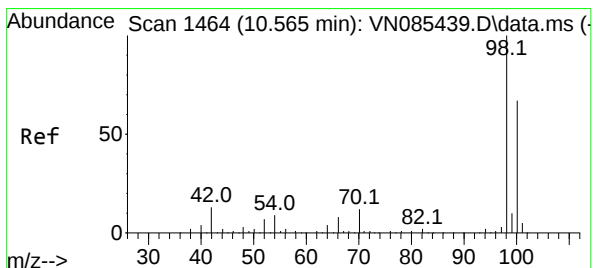
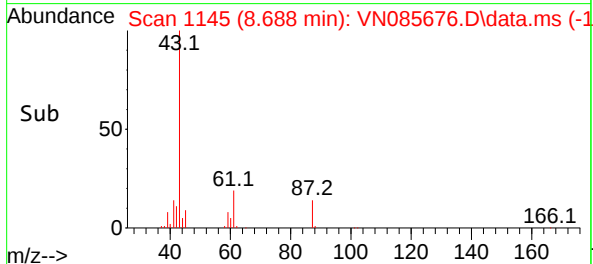
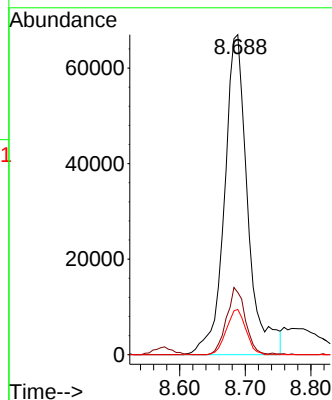
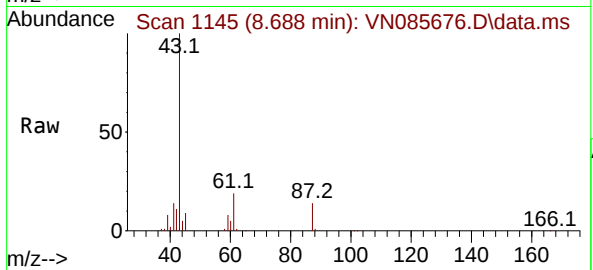




#43
Isopropyl Acetate
Concen: 28.157 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085676.D
Acq: 05 Feb 2025 14:47

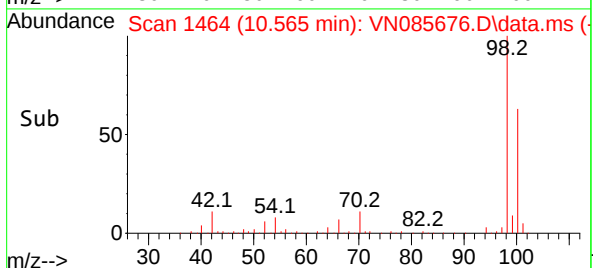
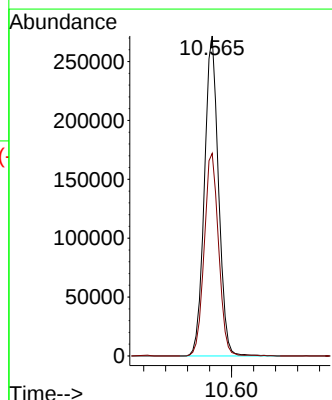
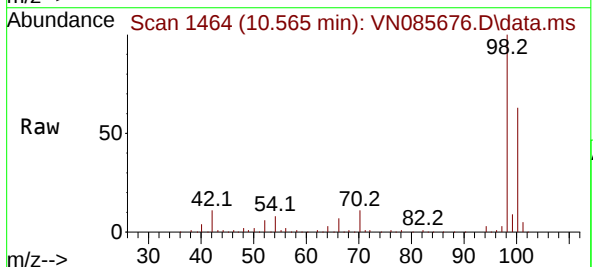
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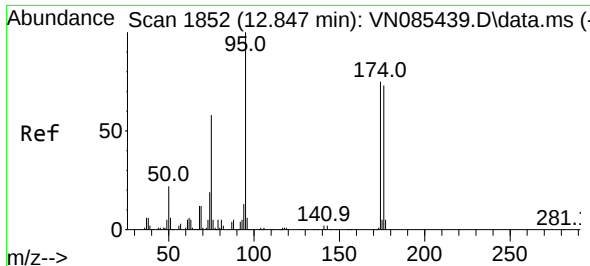
Tgt Ion: 43 Resp: 164935
Ion Ratio Lower Upper
43 100
61 16.9 20.7 31.1#
87 11.8 9.8 14.8



#50
Toluene-d8
Concen: 52.716 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085676.D
Acq: 05 Feb 2025 14:47

Tgt Ion: 98 Resp: 483336
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

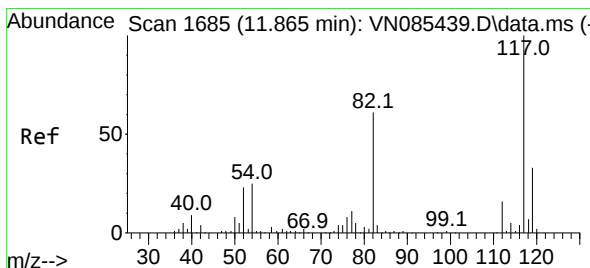
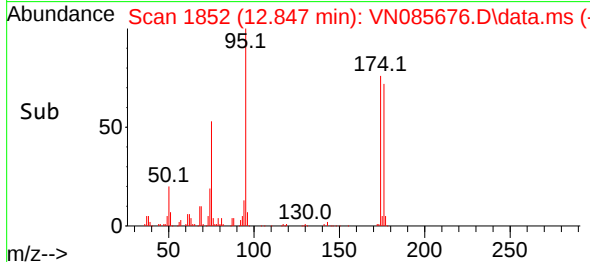
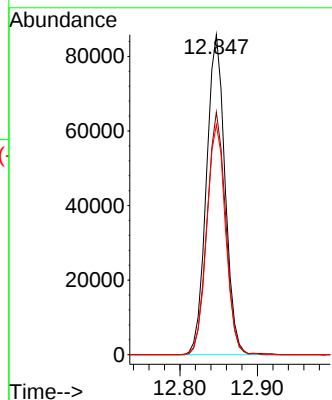
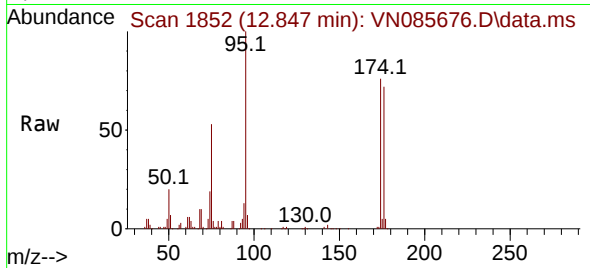




#62
4-Bromofluorobenzene
Concen: 45.561 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085676.D
Acq: 05 Feb 2025 14:47

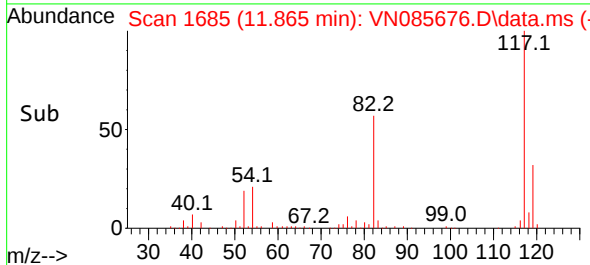
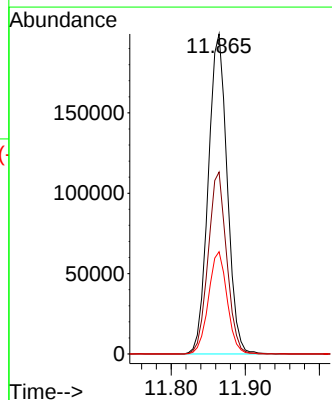
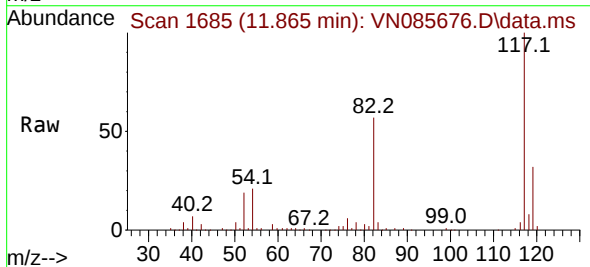
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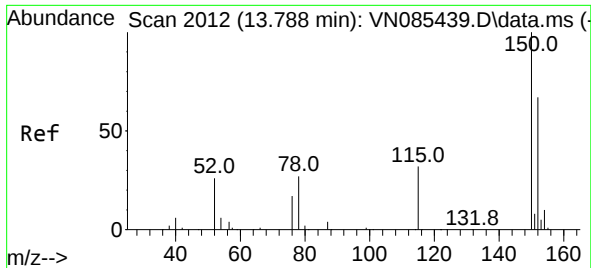
Tgt Ion: 95 Resp: 142897
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.0
176 72.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085676.D
Acq: 05 Feb 2025 14:47

Tgt Ion: 117 Resp: 352444
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 32.0 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN085676.D

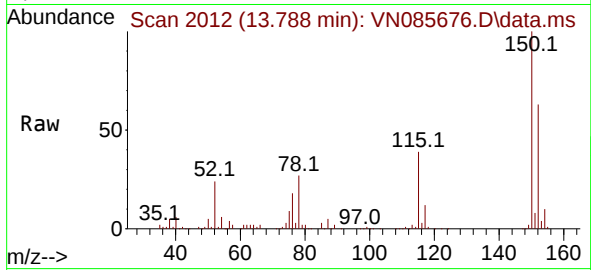
Acq: 05 Feb 2025 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB166529ZHE#05



Tgt Ion:152 Resp: 130271

Ion Ratio Lower Upper

152 100

115 60.4 31.1 93.3

150 156.8 0.0 343.6

