

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085626.D
 Acq On : 03 Feb 2025 16:49
 Operator : JC\MD
 Sample : PB166424ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#05

Quant Time: Feb 04 00:59:21 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)

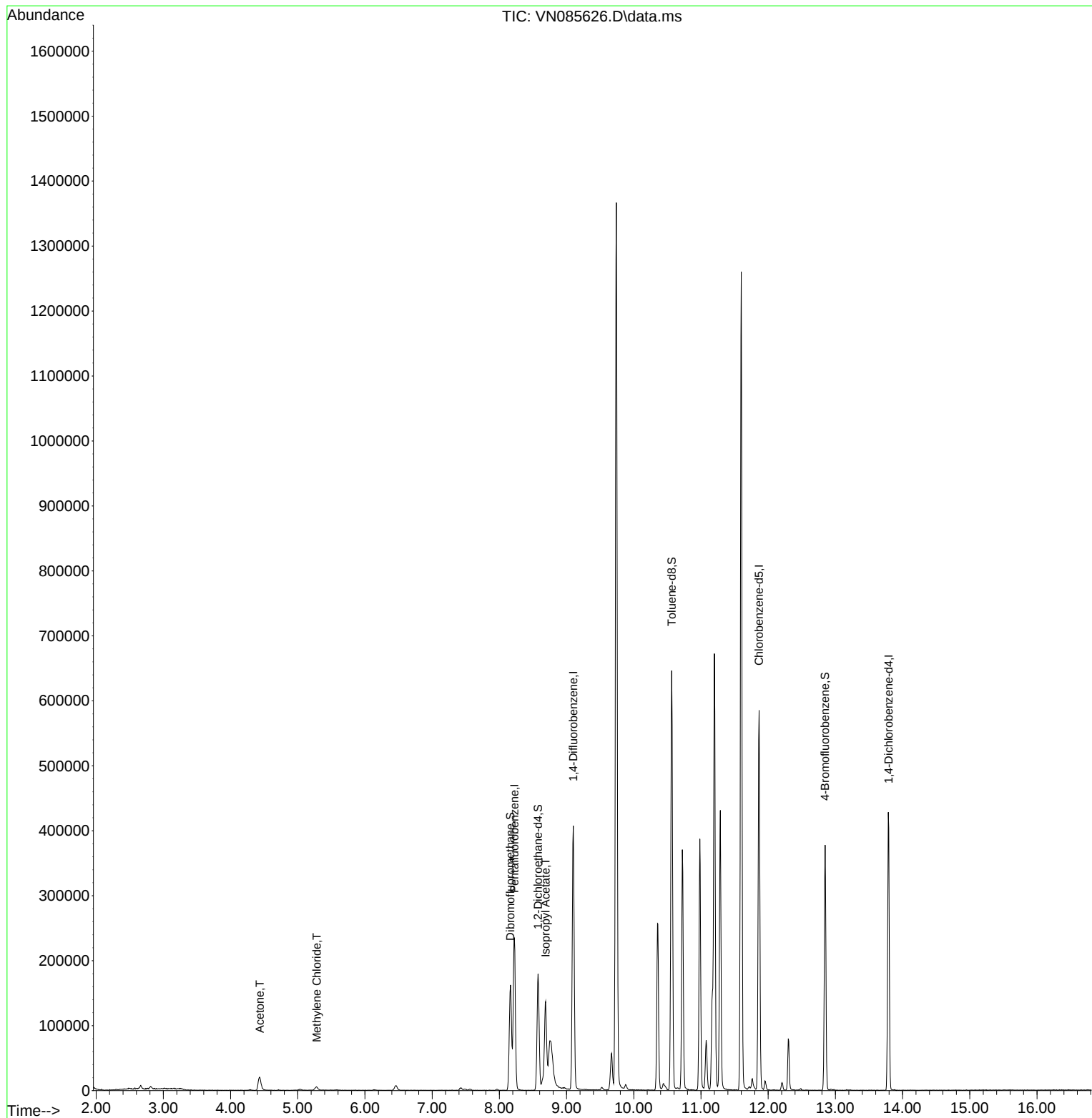
Internal Standards						
1) Pentafluorobenzene	8.224	168	162139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	144116	55.064	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.120%	
35) Dibromofluoromethane	8.165	113	118271	49.164	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.320%	
50) Toluene-d8	10.565	98	447707	52.381	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.760%	
62) 4-Bromofluorobenzene	12.847	95	123509	42.243	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	84.480%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	39499	46.708	ug/l	92
20) Methylene Chloride	5.283	84	4012	1.916	ug/l	87
43) Isopropyl Acetate	8.688	43	161717	29.616	ug/l #	85

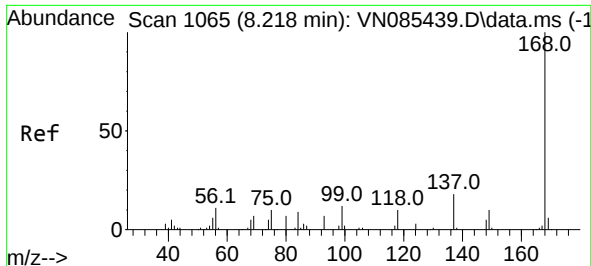
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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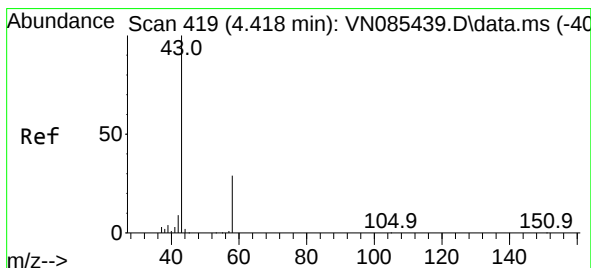
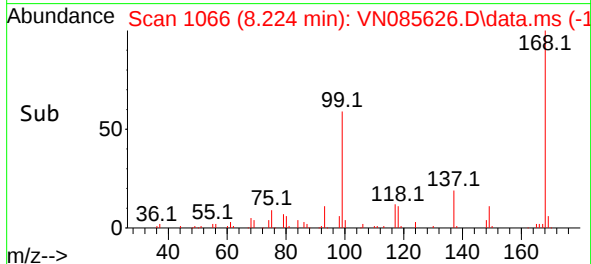
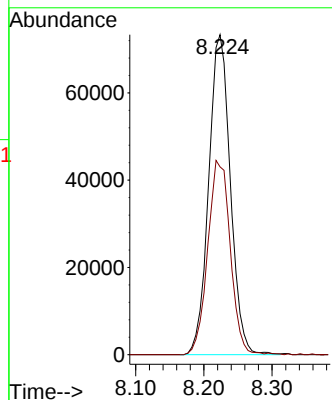
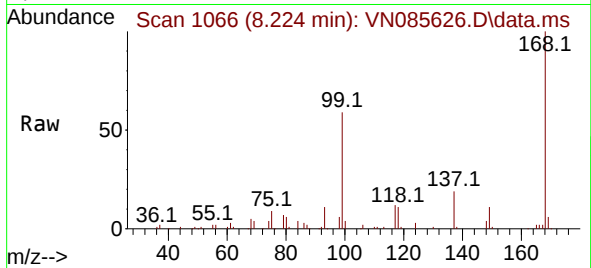




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085626.D
Acq: 03 Feb 2025 16:49

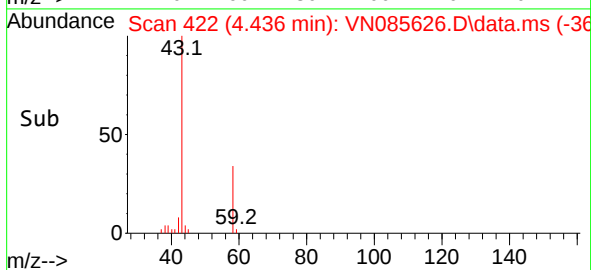
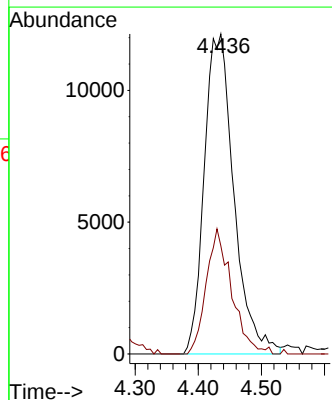
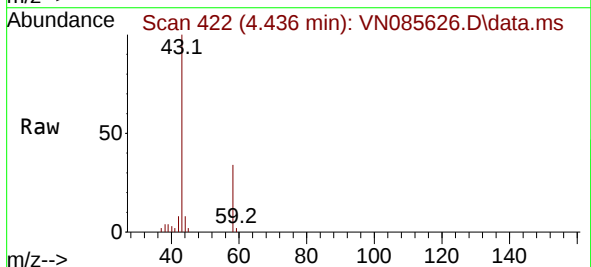
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#05

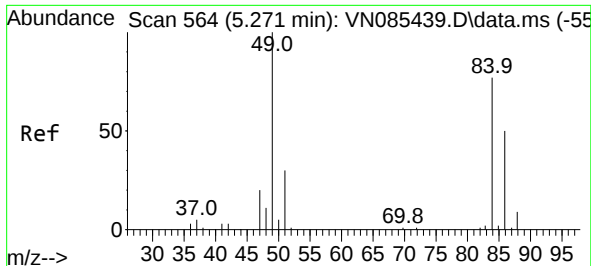
Tgt Ion:168 Resp: 162139
Ion Ratio Lower Upper
168 100
99 58.7 53.6 80.4



#16
Acetone
Concen: 46.708 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085626.D
Acq: 03 Feb 2025 16:49

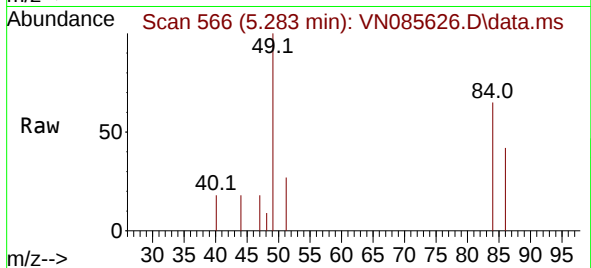
Tgt Ion: 43 Resp: 39499
Ion Ratio Lower Upper
43 100
58 33.8 23.8 35.6



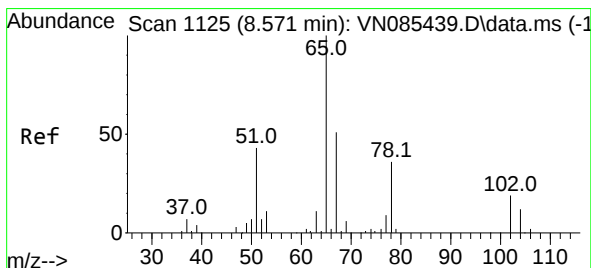
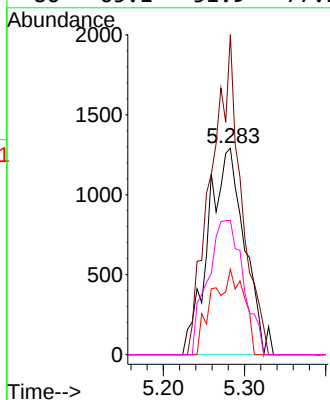
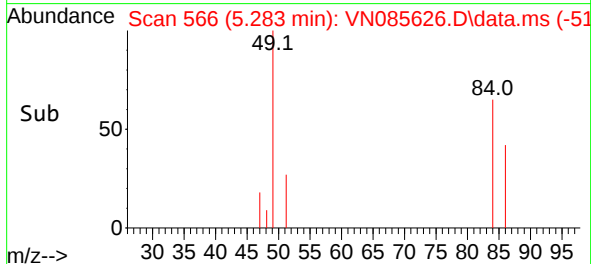


#20
Methylene Chloride
Concen: 1.916 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085626.D
Acq: 03 Feb 2025 16:49

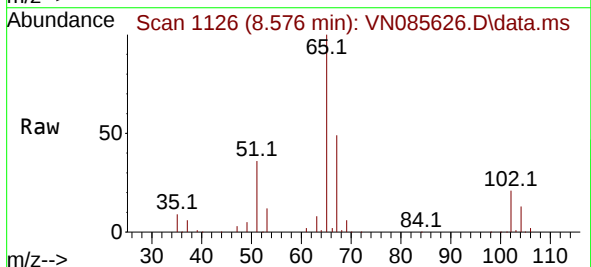
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#05



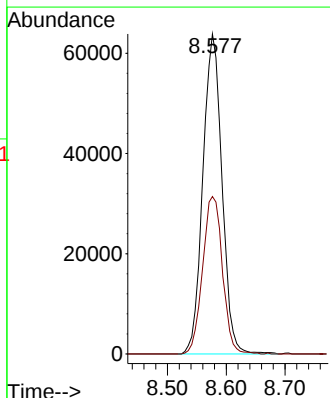
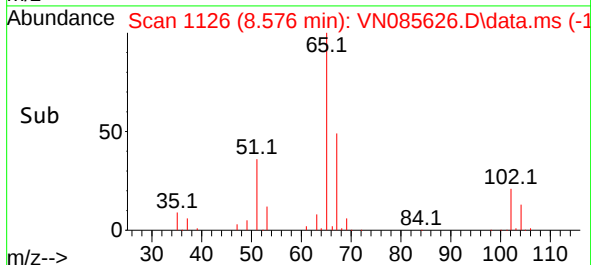
Tgt Ion:	84	Resp:	4012
Ion	Ratio	Lower	Upper
84	100		
49	155.0	104.1	156.1
51	41.4	31.0	46.4
86	65.1	51.9	77.9

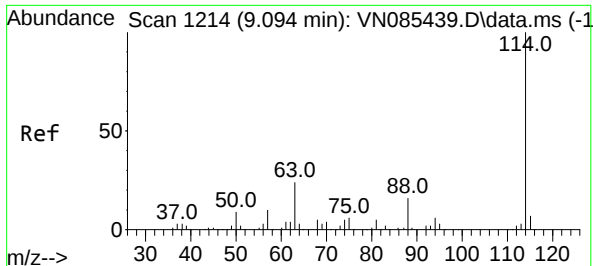


#33
1,2-Dichloroethane-d4
Concen: 55.064 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085626.D
Acq: 03 Feb 2025 16:49



Tgt Ion:	65	Resp:	144116
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085626.D

Acq: 03 Feb 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#05

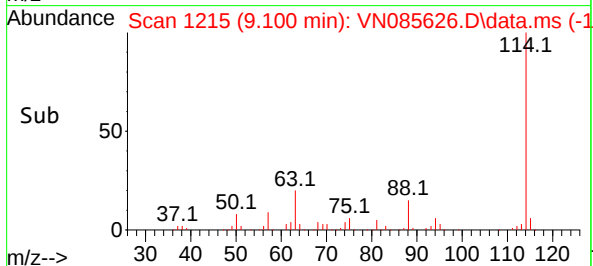
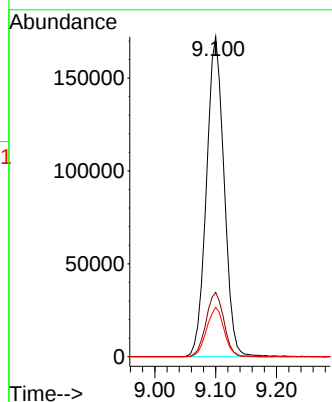
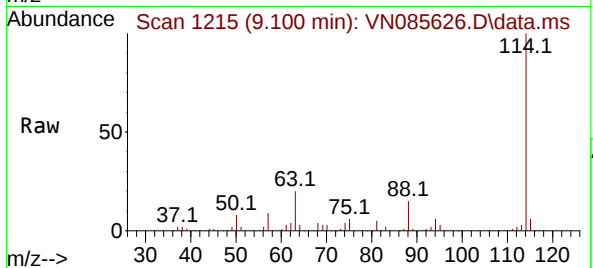
Tgt Ion:114 Resp: 346754

Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.164 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085626.D

Acq: 03 Feb 2025 16:49

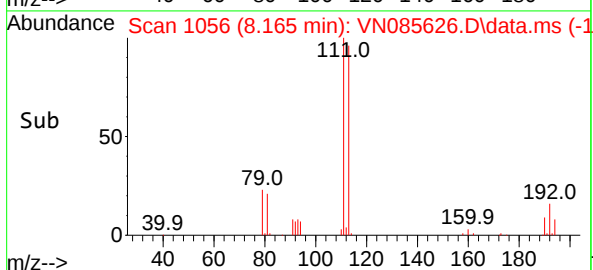
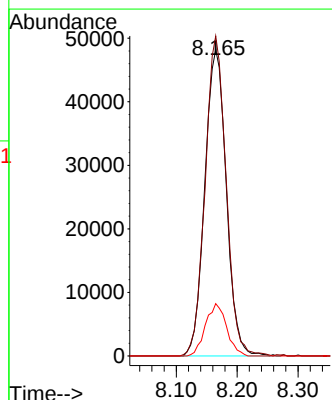
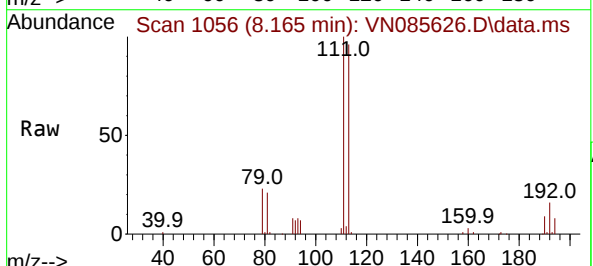
Tgt Ion:113 Resp: 118271

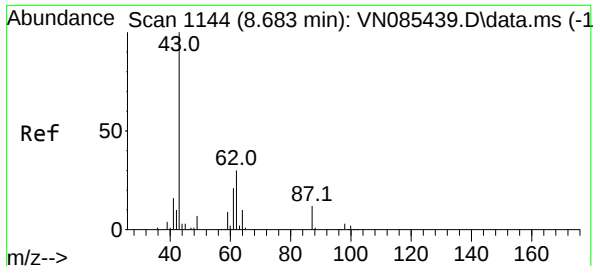
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 16.8 14.3 21.5





#43

Isopropyl Acetate

Concen: 29.616 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085626.D

Acq: 03 Feb 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#05

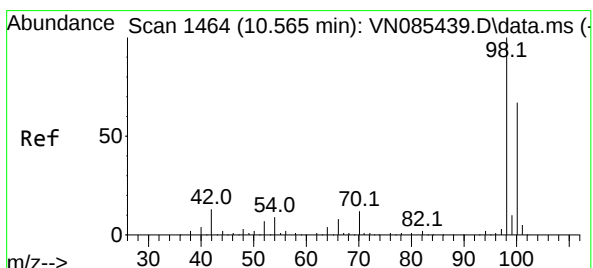
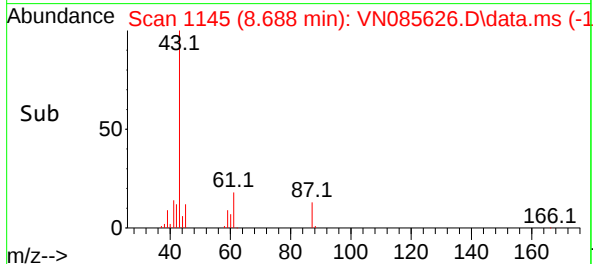
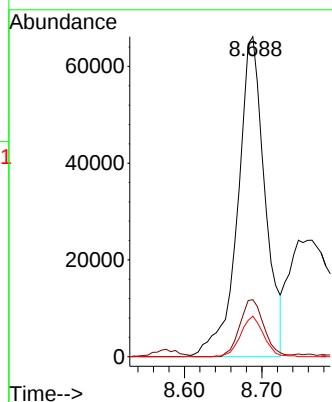
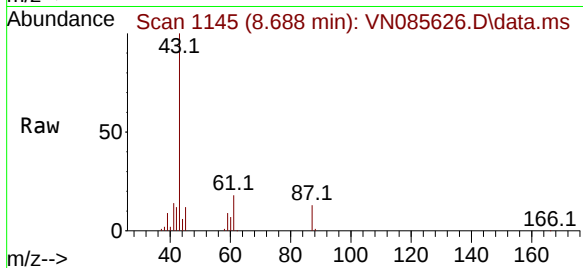
Tgt Ion: 43 Resp: 161717

Ion Ratio Lower Upper

43 100

61 15.9 20.7 31.1#

87 10.6 9.8 14.8



#50

Toluene-d8

Concen: 52.381 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085626.D

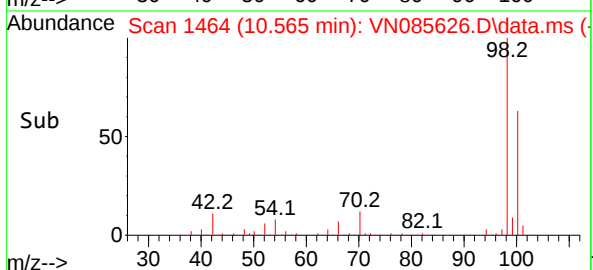
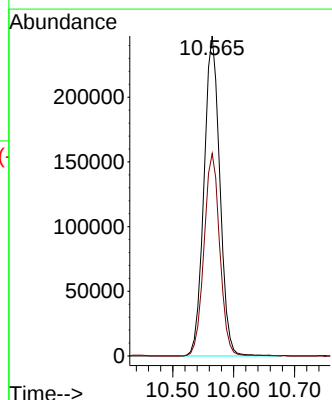
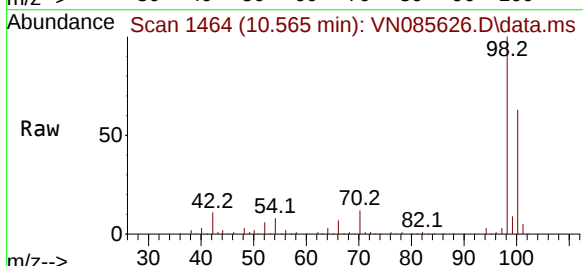
Acq: 03 Feb 2025 16:49

Tgt Ion: 98 Resp: 447707

Ion Ratio Lower Upper

98 100

100 62.9 52.2 78.4

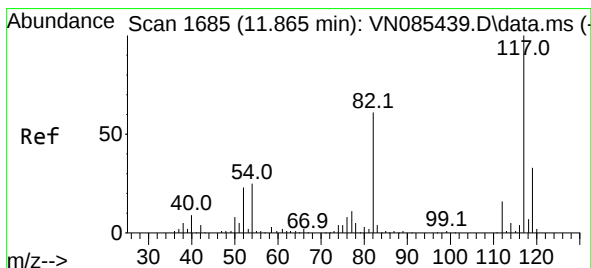
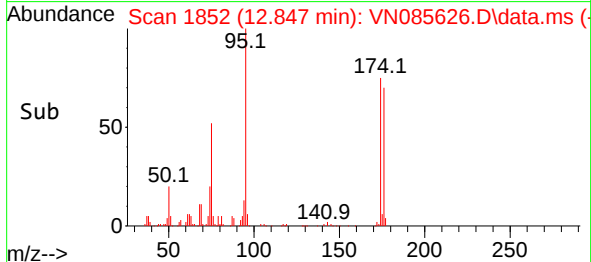
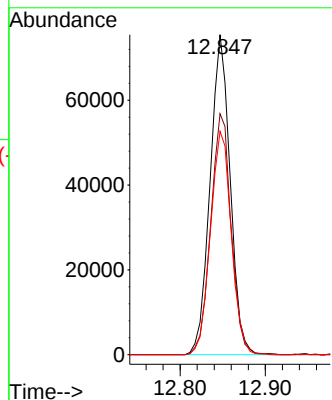
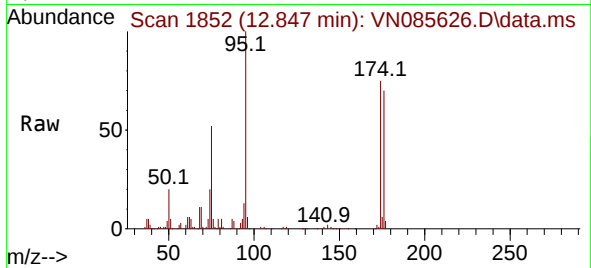




#62
4-Bromofluorobenzene
Concen: 42.243 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085626.D
Acq: 03 Feb 2025 16:49

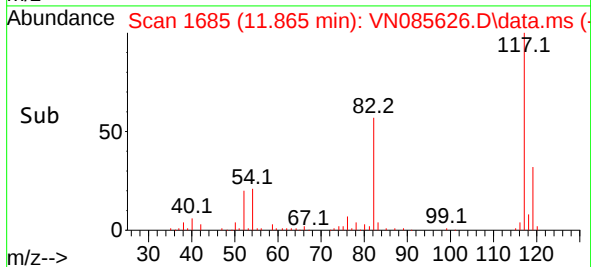
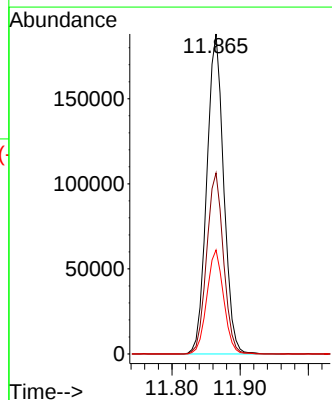
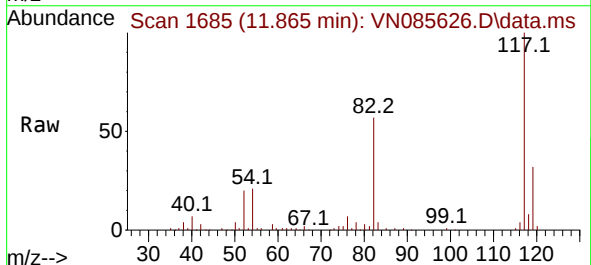
Instrument :
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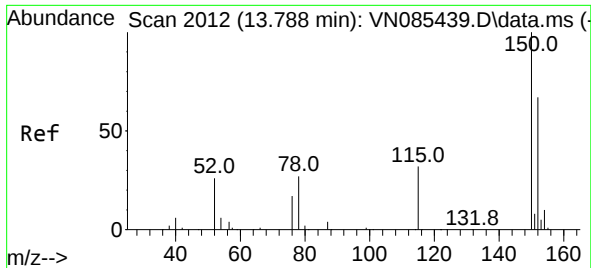
Tgt Ion: 95 Resp: 123509
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 72.5 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085626.D
Acq: 03 Feb 2025 16:49

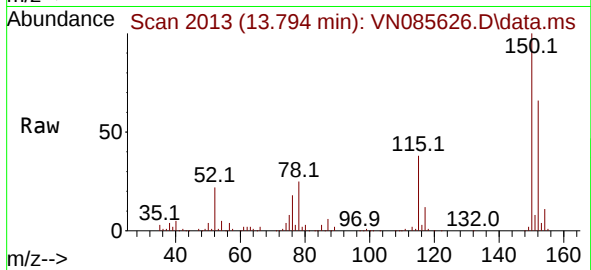
Tgt Ion: 117 Resp: 324417
Ion Ratio Lower Upper
117 100
82 56.6 48.6 72.8
119 32.5 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085626.D
 Acq: 03 Feb 2025 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#05



Tgt Ion:152 Resp: 113313
 Ion Ratio Lower Upper
 152 100
 115 60.1 31.1 93.3
 150 158.0 0.0 343.6

