

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085635.D
 Acq On : 03 Feb 2025 20:25
 Operator : JC\MD
 Sample : Q1216-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-26.2-012825

Quant Time: Feb 04 01:00:42 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)

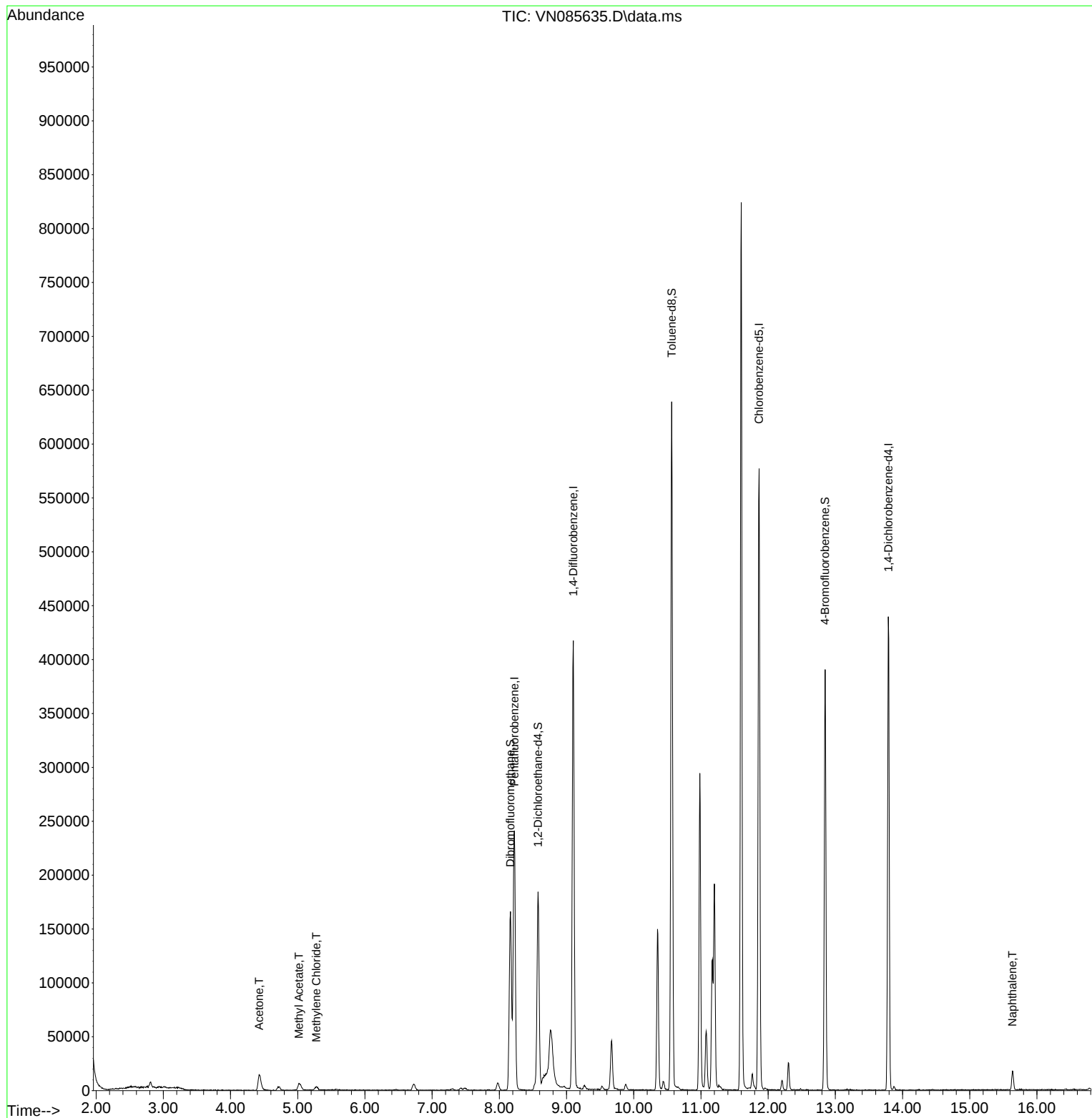
Internal Standards						
1) Pentafluorobenzene	8.224	168	167923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146320	53.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	8.165	113	119045	48.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.520%	
50) Toluene-d8	10.565	98	437973	50.487	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.847	95	129683	43.701	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.400%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	28450	32.484	ug/l	97
18) Methyl Acetate	5.018	43	13644	5.123	ug/l	98
20) Methylene Chloride	5.277	84	2450	1.130	ug/l #	87
95) Naphthalene	15.635	128	17039	3.240	ug/l	98

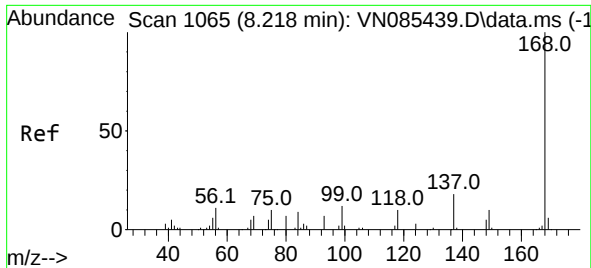
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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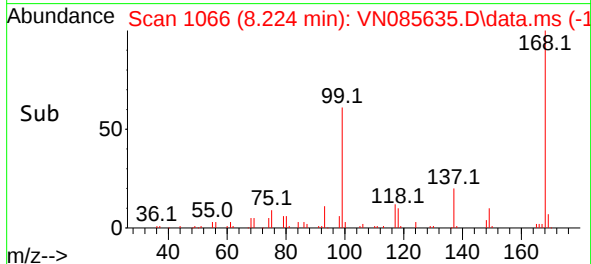
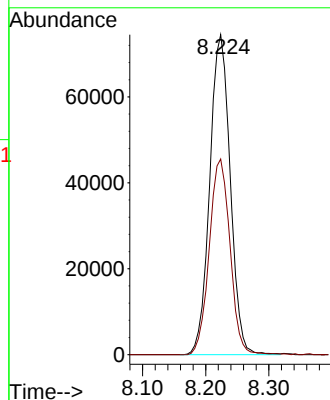
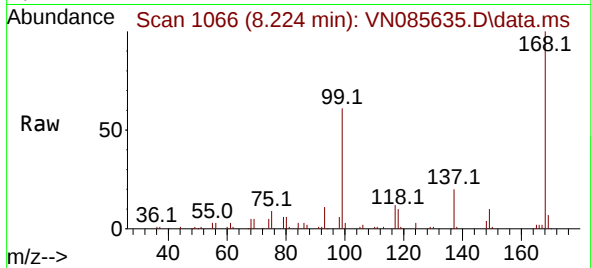




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085635.D
Acq: 03 Feb 2025 20:25

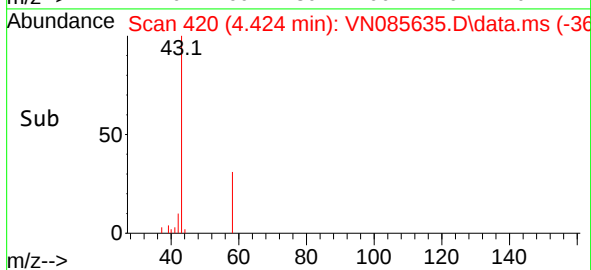
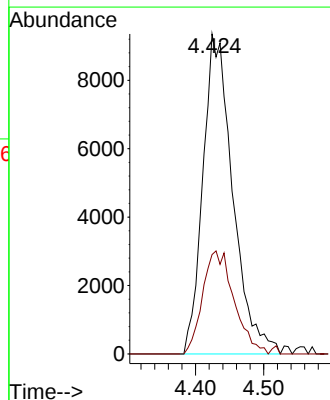
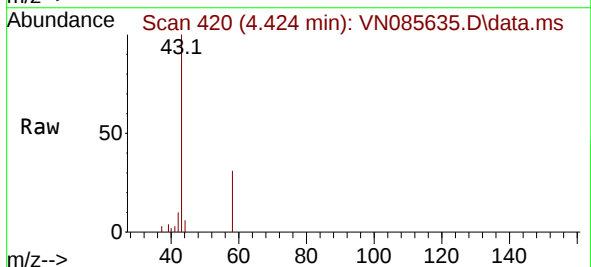
Instrument :
MSVOA_N
ClientSampleId :
JPP-26.2-012825

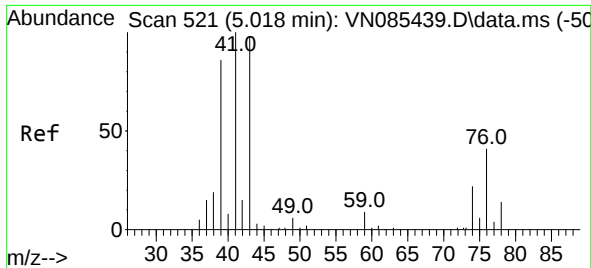
Tgt Ion:168 Resp: 167923
Ion Ratio Lower Upper
168 100
99 61.1 53.6 80.4



#16
Acetone
Concen: 32.484 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085635.D
Acq: 03 Feb 2025 20:25

Tgt Ion: 43 Resp: 28450
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.6

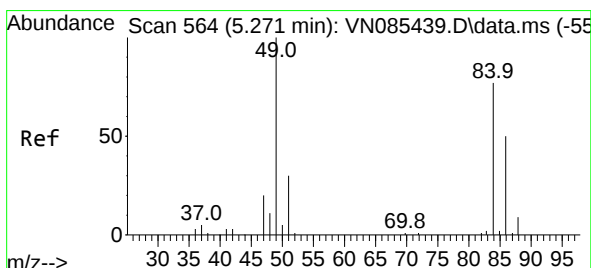
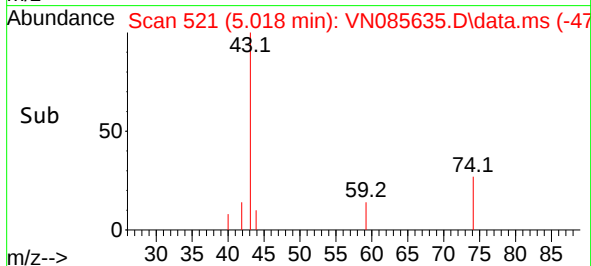
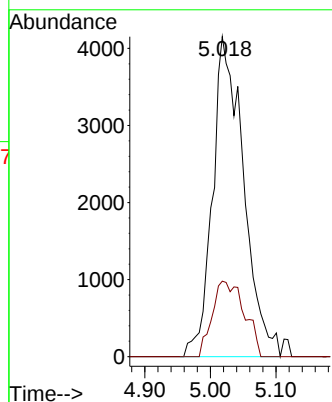
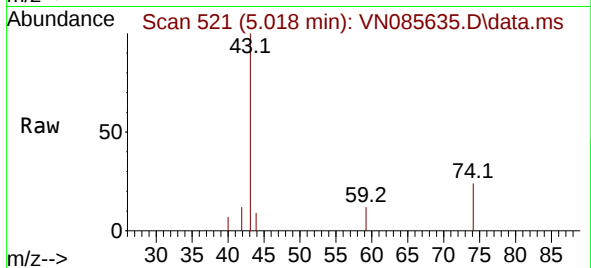




#18
Methyl Acetate
Concen: 5.123 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085635.D
Acq: 03 Feb 2025 20:25

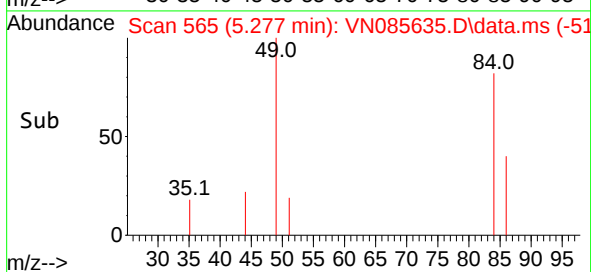
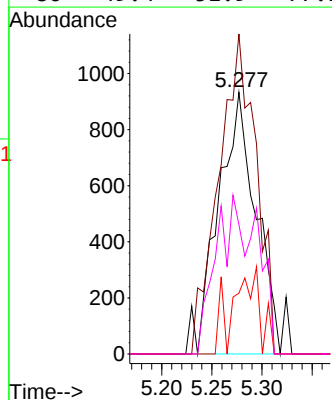
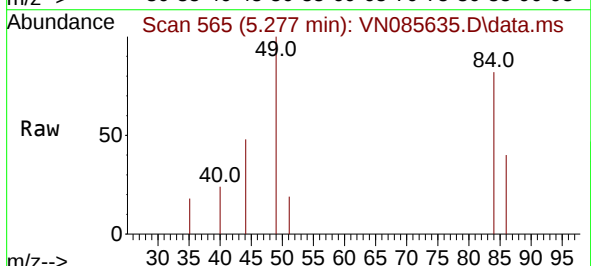
Instrument :
MSVOA_N
ClientSampleId :
JPP-26.2-012825

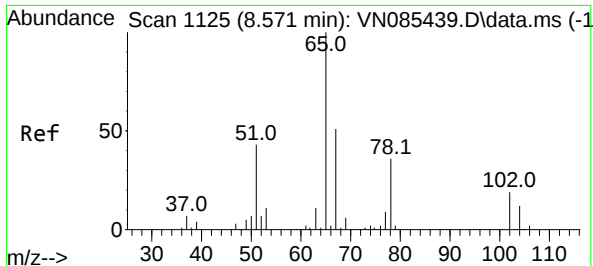
Tgt Ion: 43 Resp: 13644
Ion Ratio Lower Upper
43 100
74 24.3 18.6 28.0



#20
Methylene Chloride
Concen: 1.130 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085635.D
Acq: 03 Feb 2025 20:25

Tgt Ion: 84 Resp: 2450
Ion Ratio Lower Upper
84 100
49 122.3 104.1 156.1
51 23.3 31.0 46.4#
86 49.4 51.9 77.9#





#33

1,2-Dichloroethane-d4

Concen: 53.980 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085635.D

Acq: 03 Feb 2025 20:25

Instrument :

MSVOA_N

ClientSampleId :

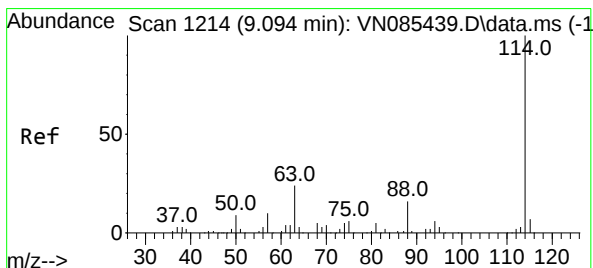
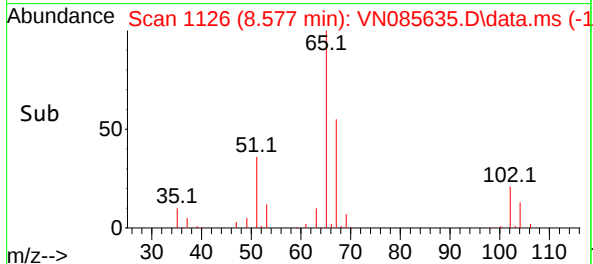
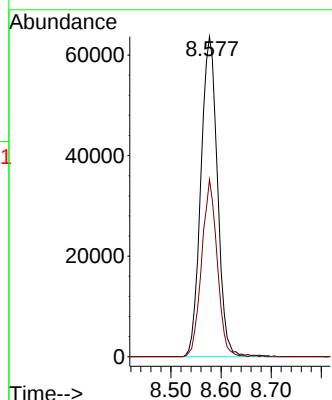
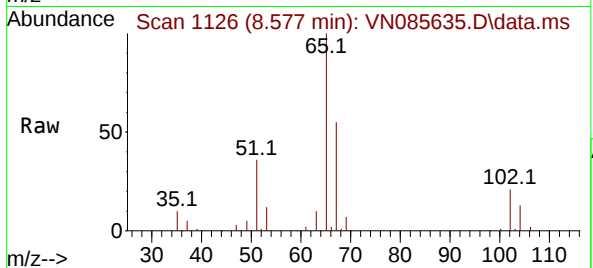
JPP-26.2-012825

Tgt Ion: 65 Resp: 146320

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085635.D

Acq: 03 Feb 2025 20:25

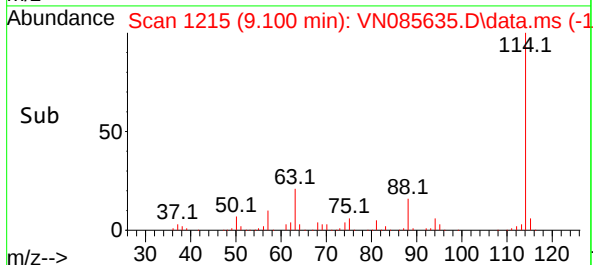
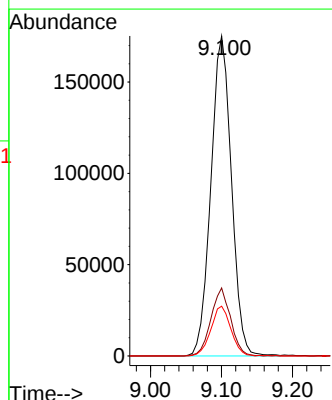
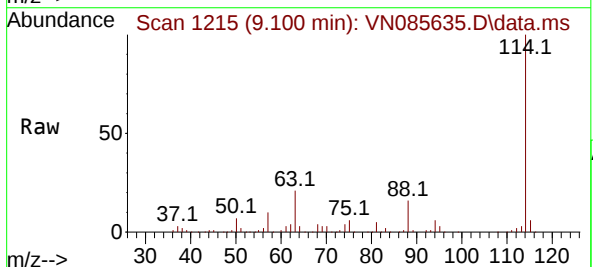
Tgt Ion: 114 Resp: 351942

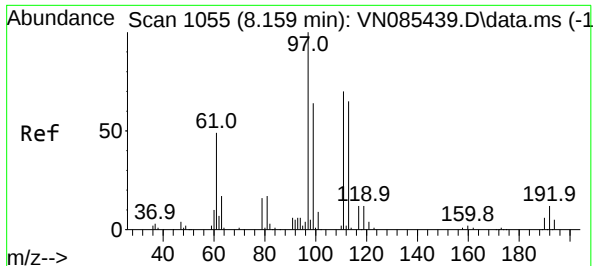
Ion Ratio Lower Upper

114 100

63 21.2 0.0 47.6

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.757 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN085635.D

Acq: 03 Feb 2025 20:25

Instrument :

MSVOA_N

ClientSampleId :

JPP-26.2-012825

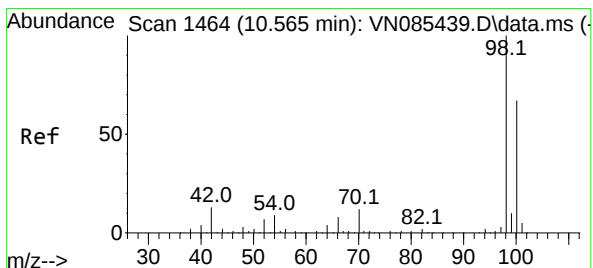
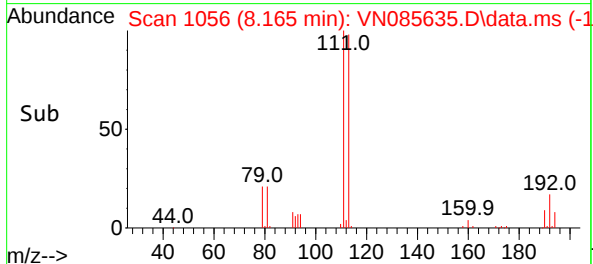
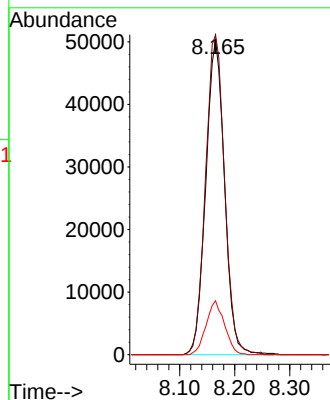
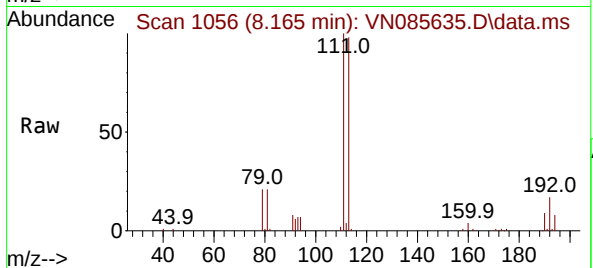
Tgt Ion:113 Resp: 119045

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

192 16.9 14.3 21.5



#50

Toluene-d8

Concen: 50.487 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085635.D

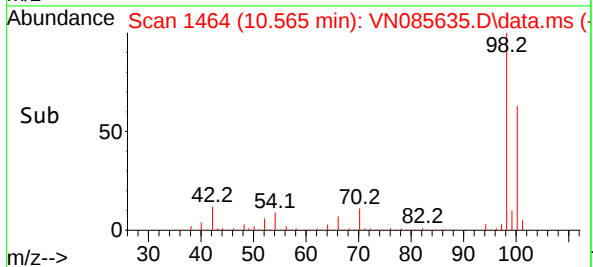
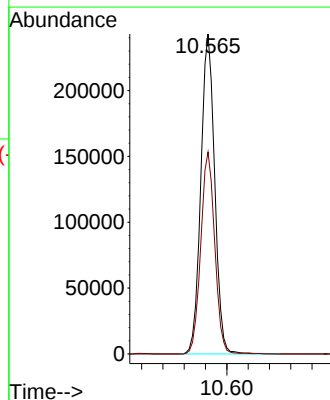
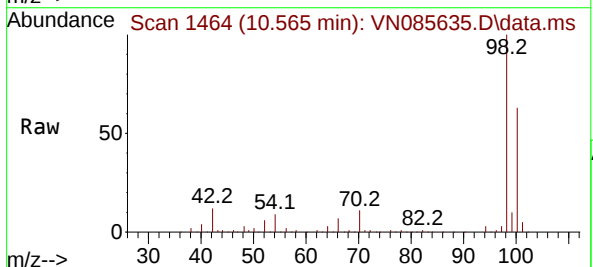
Acq: 03 Feb 2025 20:25

Tgt Ion: 98 Resp: 437973

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.4

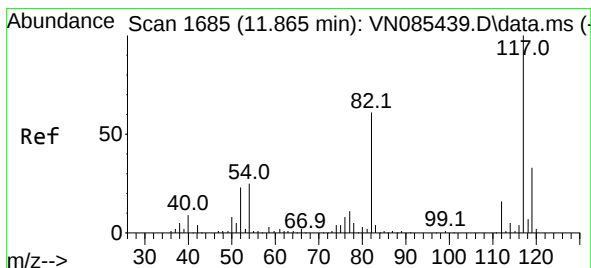
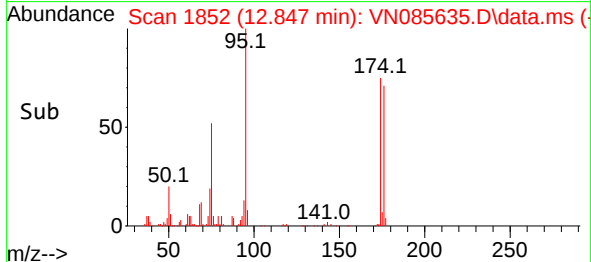
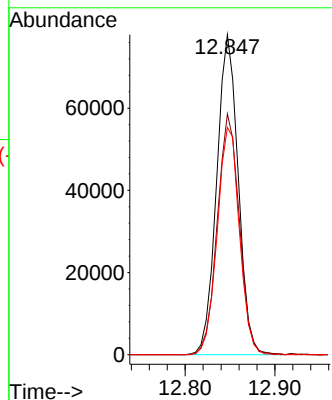
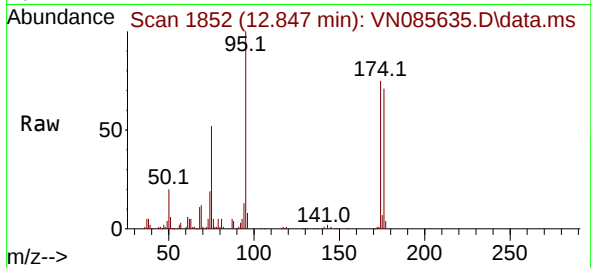




#62
4-Bromofluorobenzene
Concen: 43.701 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085635.D
Acq: 03 Feb 2025 20:25

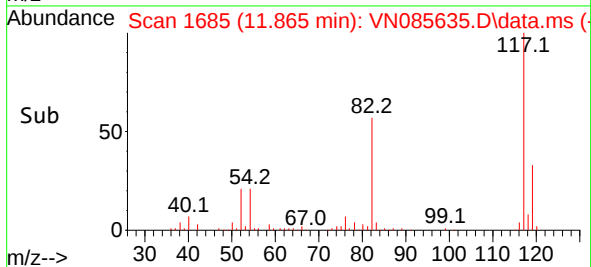
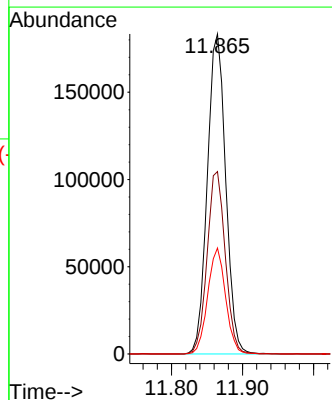
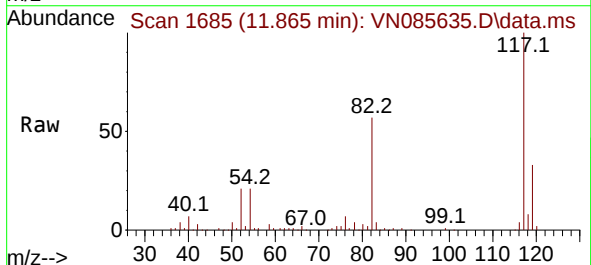
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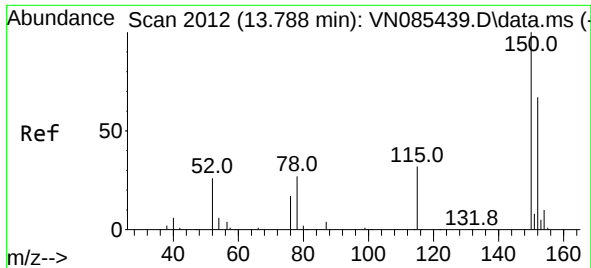
Tgt Ion: 95 Resp: 129683
Ion Ratio Lower Upper
95 100
174 77.0 0.0 145.0
176 73.1 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085635.D
Acq: 03 Feb 2025 20:25

Tgt Ion: 117 Resp: 329985
Ion Ratio Lower Upper
117 100
82 57.0 48.6 72.8
119 33.1 26.6 39.8

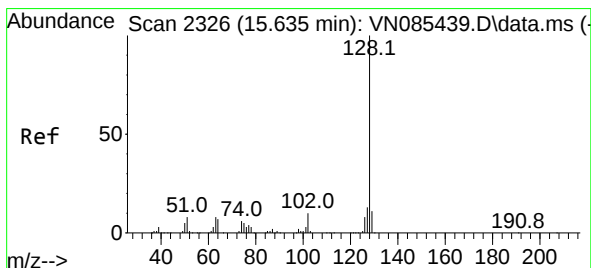
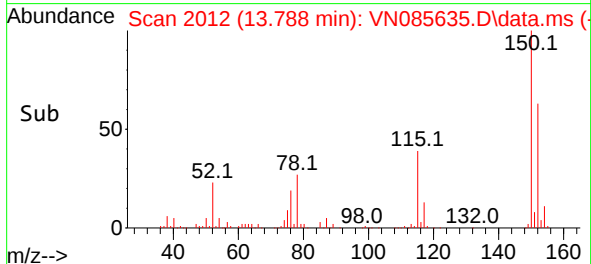
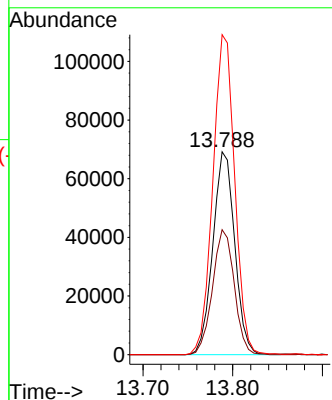
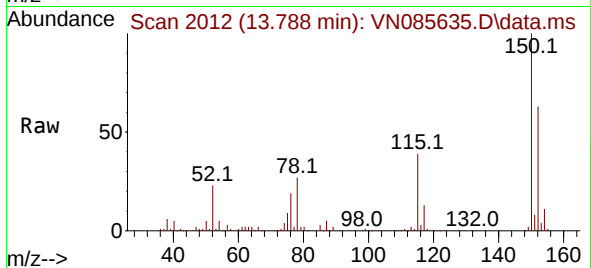




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085635.D
 Acq: 03 Feb 2025 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-26.2-012825

Tgt Ion:152 Resp: 117064
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.1 93.3
 150 157.6 0.0 343.6



#95
 Naphthalene
 Concen: 3.240 ug/l
 RT: 15.635 min Scan# 2326
 Delta R.T. 0.000 min
 Lab File: VN085635.D
 Acq: 03 Feb 2025 20:25

Tgt Ion:128 Resp: 17039
 Ion Ratio Lower Upper
 128 100
 127 14.9 10.6 16.0
 129 10.9 8.8 13.2

