

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085642.D
 Acq On : 03 Feb 2025 23:14
 Operator : JC\MD
 Sample : Q1232-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-42.1-012925

Quant Time: Feb 04 01:01:48 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)

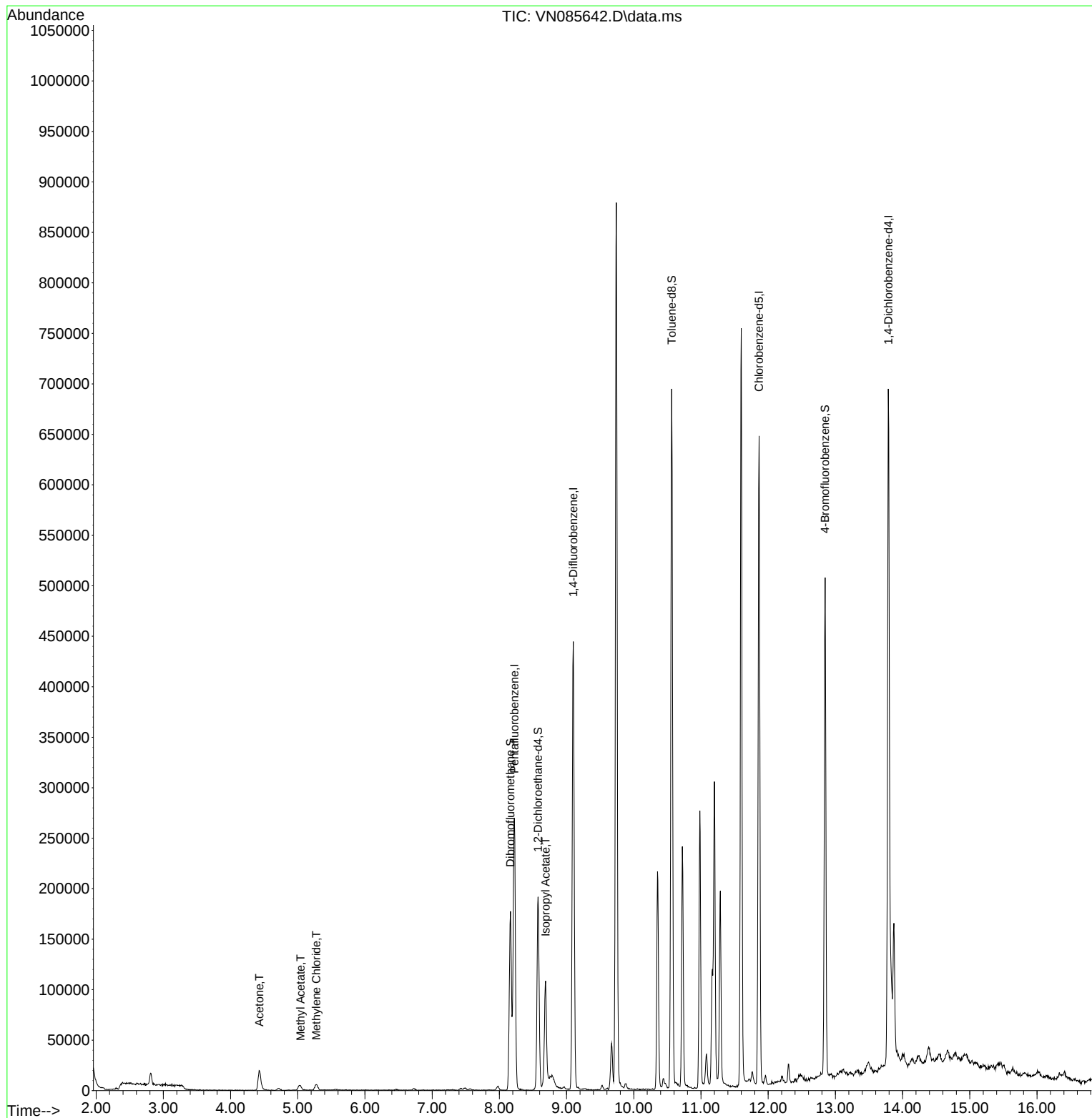
Internal Standards						
1) Pentafluorobenzene	8.224	168	193386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	384666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	362979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	150929	48.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.700%
35) Dibromofluoromethane	8.165	113	125659	47.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	10.565	98	483742	51.019	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.847	95	164887	50.837	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.680%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	37932	37.607	ug/l	95
18) Methyl Acetate	5.041	43	10600	3.456	ug/l	95
20) Methylene Chloride	5.277	84	4477	1.793	ug/l	97
43) Isopropyl Acetate	8.688	43	121069	19.986	ug/l #	89

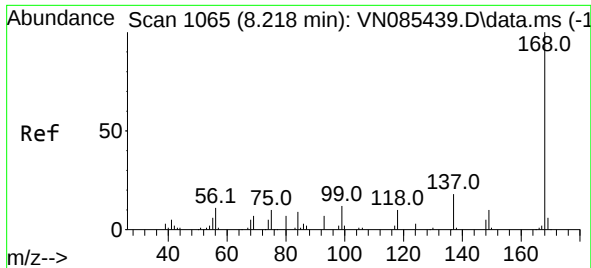
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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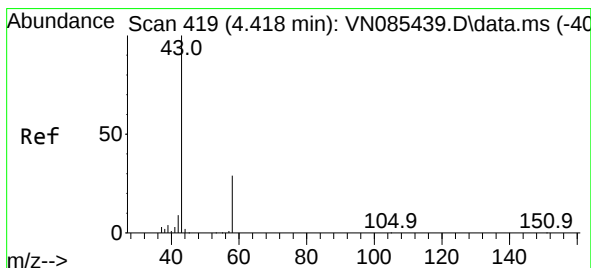
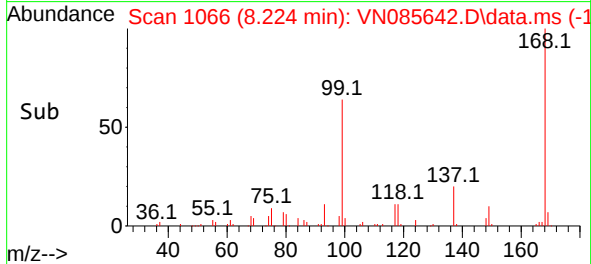
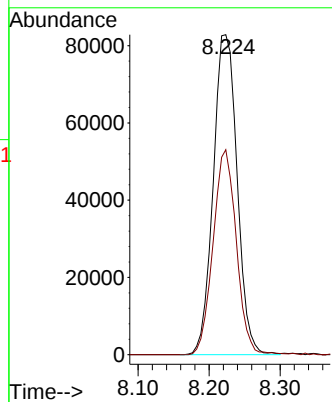
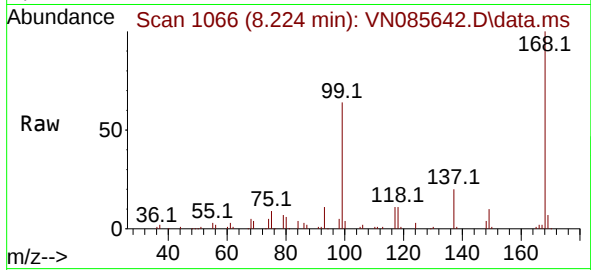




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085642.D
Acq: 03 Feb 2025 23:14

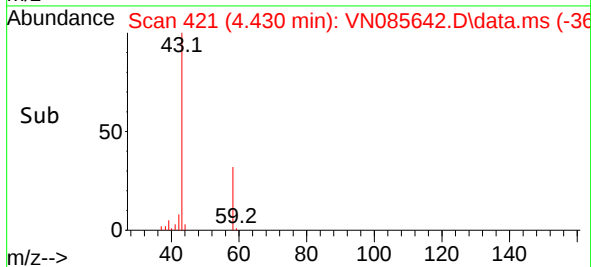
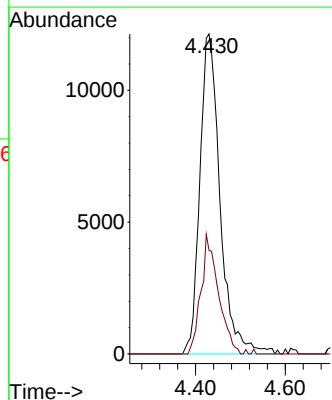
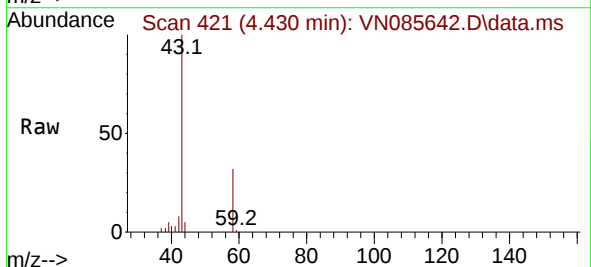
Instrument :
MSVOA_N
ClientSampleId :
JPP-42.1-012925

Tgt Ion:168 Resp: 193386
Ion Ratio Lower Upper
168 100
99 64.0 53.6 80.4



#16
Acetone
Concen: 37.607 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085642.D
Acq: 03 Feb 2025 23:14

Tgt Ion: 43 Resp: 37932
Ion Ratio Lower Upper
43 100
58 32.4 23.8 35.6

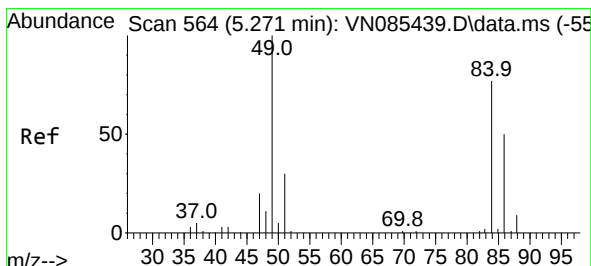
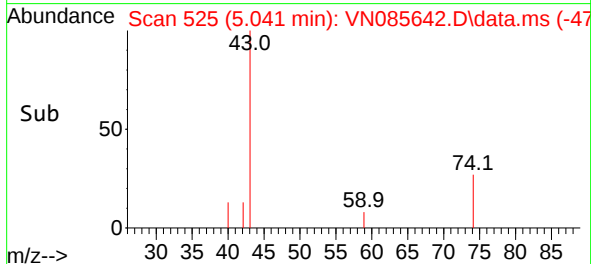
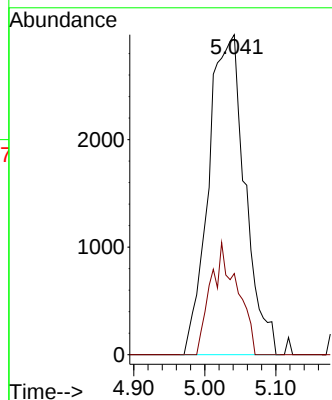
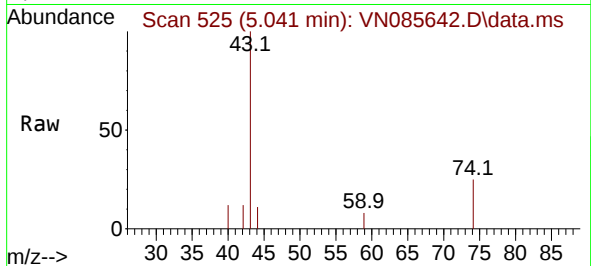




#18
Methyl Acetate
Concen: 3.456 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN085642.D
Acq: 03 Feb 2025 23:14

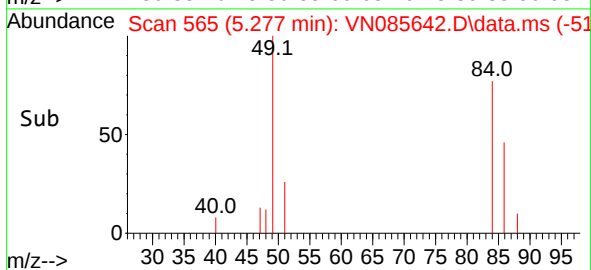
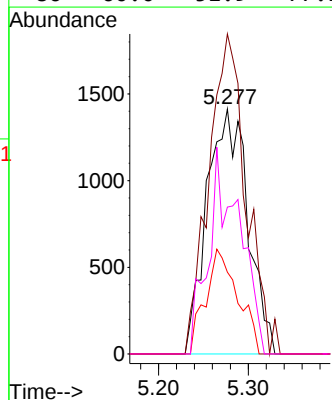
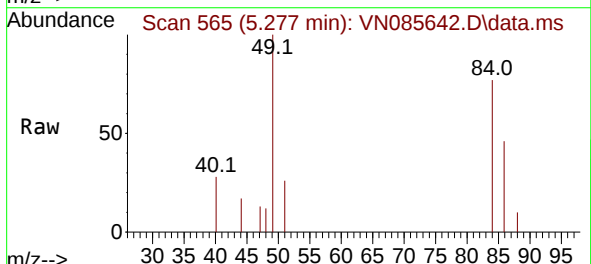
Instrument :
MSVOA_N
ClientSampleId :
JPP-42.1-012925

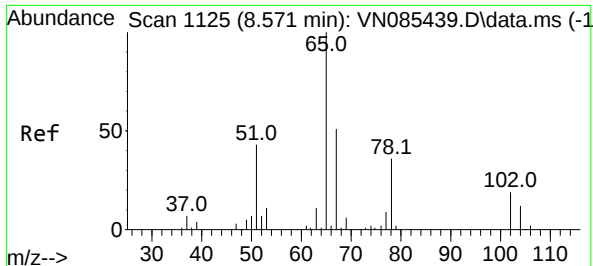
Tgt Ion: 43 Resp: 10600
Ion Ratio Lower Upper
43 100
74 25.6 18.6 28.0



#20
Methylene Chloride
Concen: 1.793 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085642.D
Acq: 03 Feb 2025 23:14

Tgt Ion: 84 Resp: 4477
Ion Ratio Lower Upper
84 100
49 130.6 104.1 156.1
51 33.4 31.0 46.4
86 60.0 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 48.349 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085642.D

Acq: 03 Feb 2025 23:14

Instrument :

MSVOA_N

ClientSampleId :

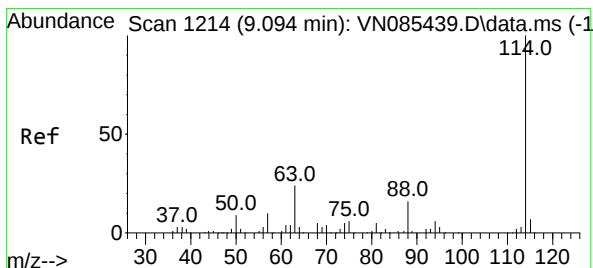
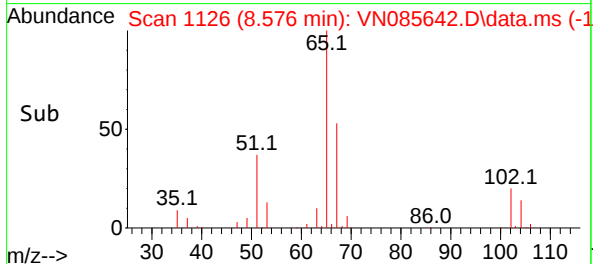
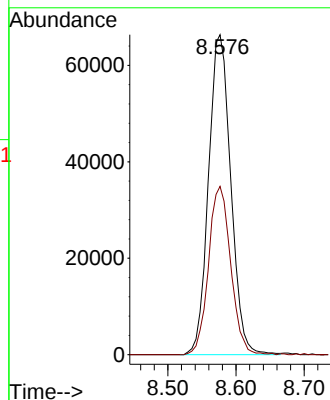
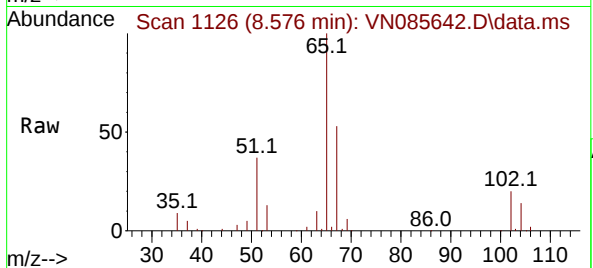
JPP-42.1-012925

Tgt Ion: 65 Resp: 150929

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# 1215

Delta R.T. 0.006 min

Lab File: VN085642.D

Acq: 03 Feb 2025 23:14

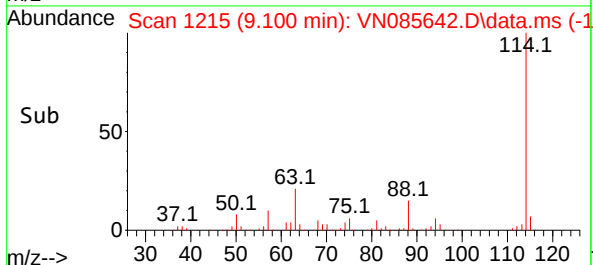
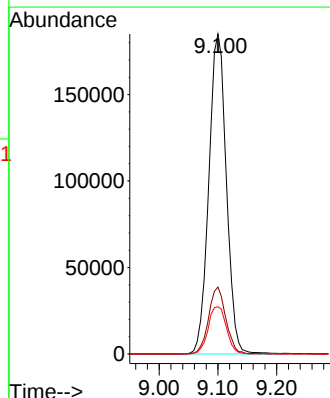
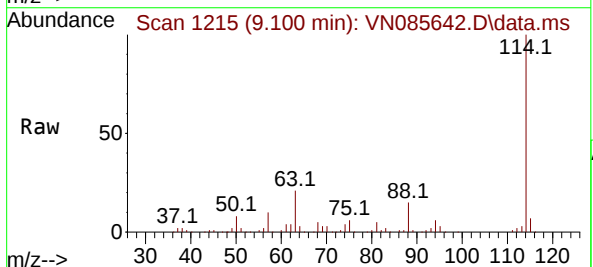
Tgt Ion: 114 Resp: 384666

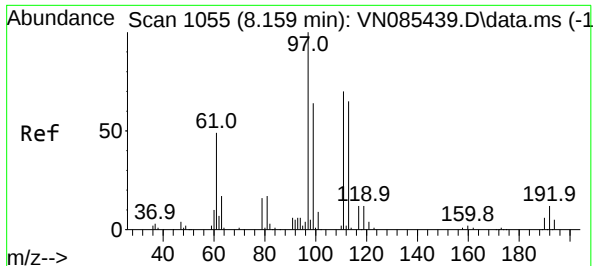
Ion Ratio Lower Upper

114 100

63 20.9 0.0 47.6

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.087 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN085642.D

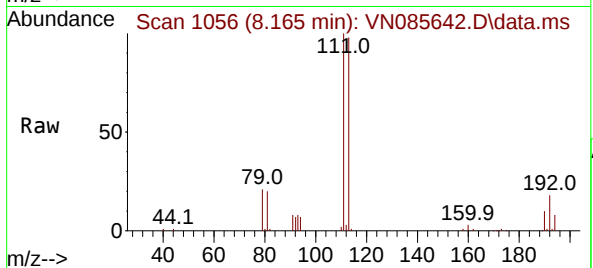
Acq: 03 Feb 2025 23:14

Instrument :

MSVOA_N

ClientSampleId :

JPP-42.1-012925



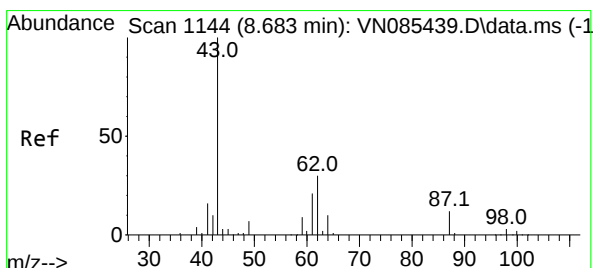
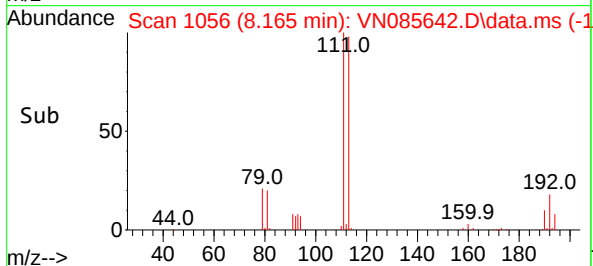
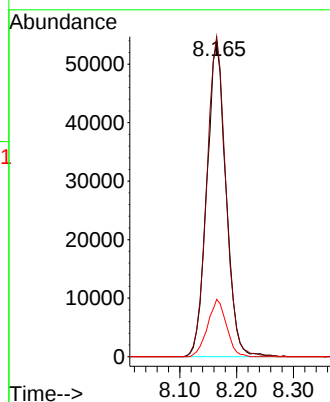
Tgt Ion:113 Resp: 125659

Ion Ratio Lower Upper

113 100

111 101.4 82.7 124.1

192 17.9 14.3 21.5



#43

Isopropyl Acetate

Concen: 19.986 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085642.D

Acq: 03 Feb 2025 23:14

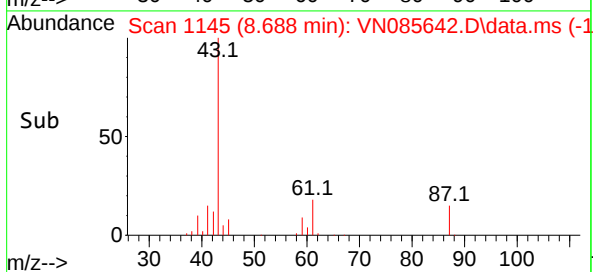
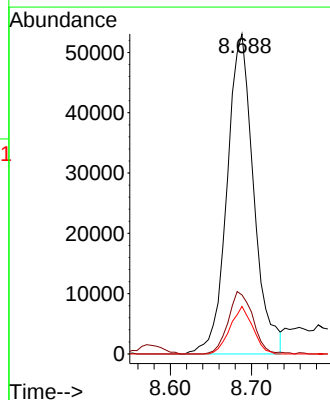
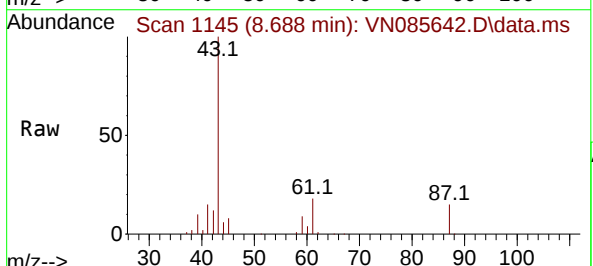
Tgt Ion: 43 Resp: 121069

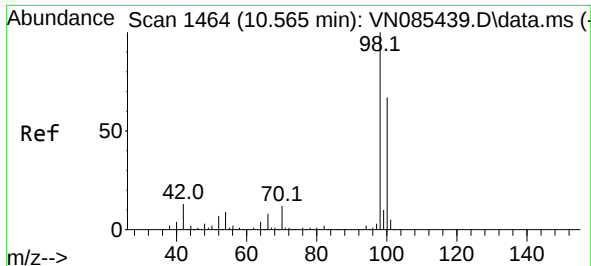
Ion Ratio Lower Upper

43 100

61 18.1 20.7 31.1#

87 12.6 9.8 14.8

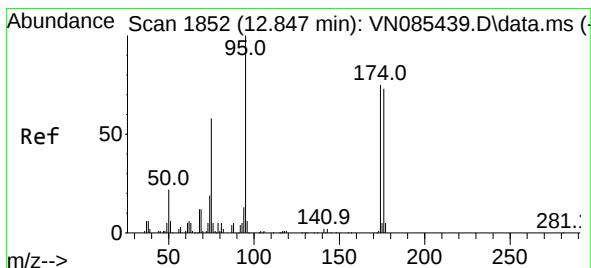
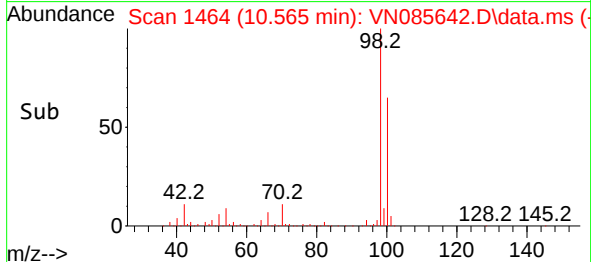
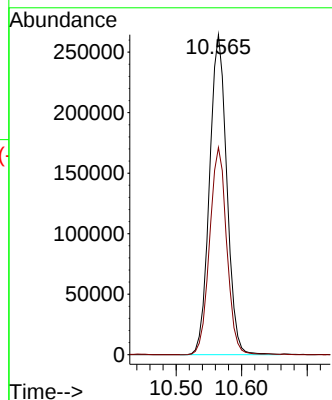
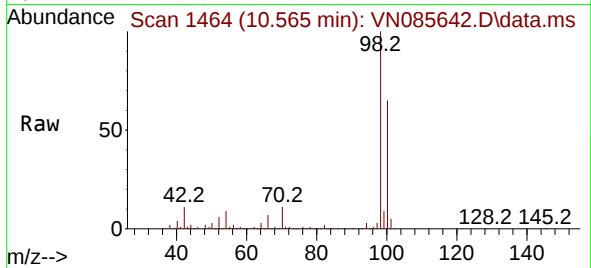




#50
Toluene-d8
Concen: 51.019 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085642.D
Acq: 03 Feb 2025 23:14

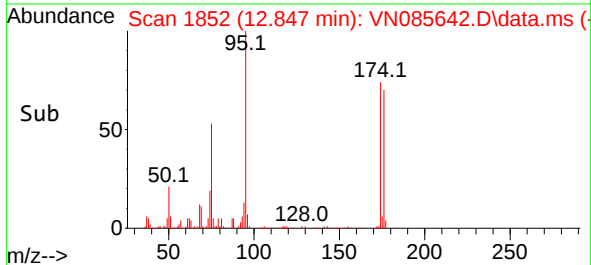
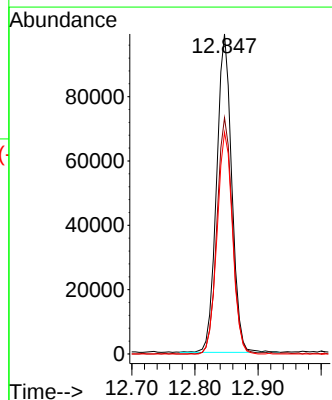
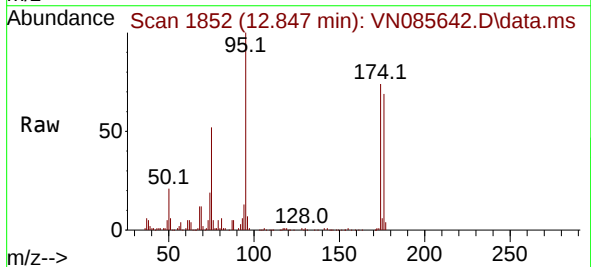
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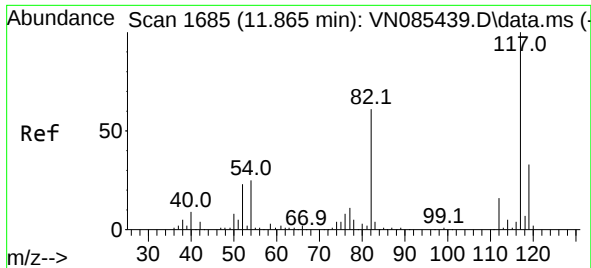
Tgt Ion: 98 Resp: 483742
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.837 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085642.D
Acq: 03 Feb 2025 23:14

Tgt Ion: 95 Resp: 164887
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.0
176 71.0 0.0 142.4

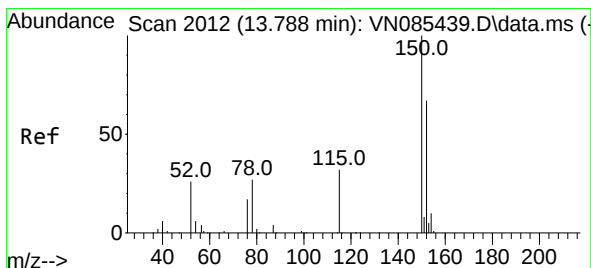
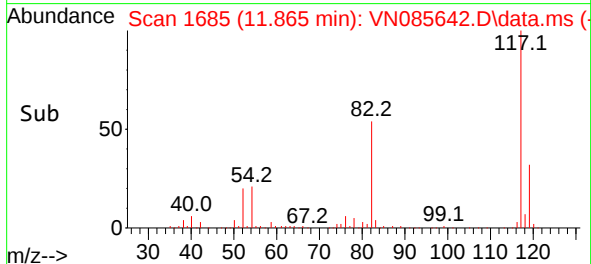
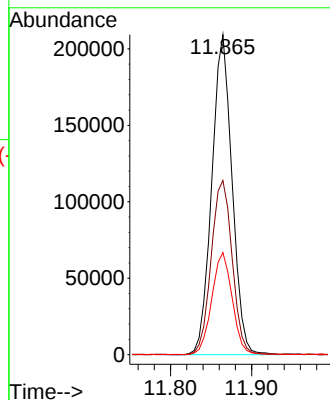
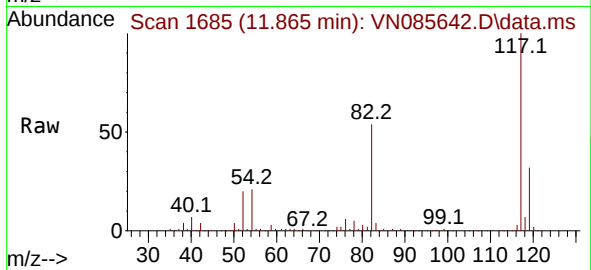




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085642.D
Acq: 03 Feb 2025 23:14

Instrument :
MSVOA_N
ClientSampleId :
JPP-42.1-012925

Tgt Ion:117 Resp: 362979
Ion Ratio Lower Upper
117 100
82 54.4 48.6 72.8
119 31.8 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: VN085642.D
Acq: 03 Feb 2025 23:14

Tgt Ion:152 Resp: 158909
Ion Ratio Lower Upper
152 100
115 69.0 31.1 93.3
150 157.4 0.0 343.6

