

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085817.D
 Acq On : 21 Feb 2025 21:02
 Operator : JC\MD
 Sample : Q1397-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCK-PILE

Quant Time: Feb 22 02:42:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

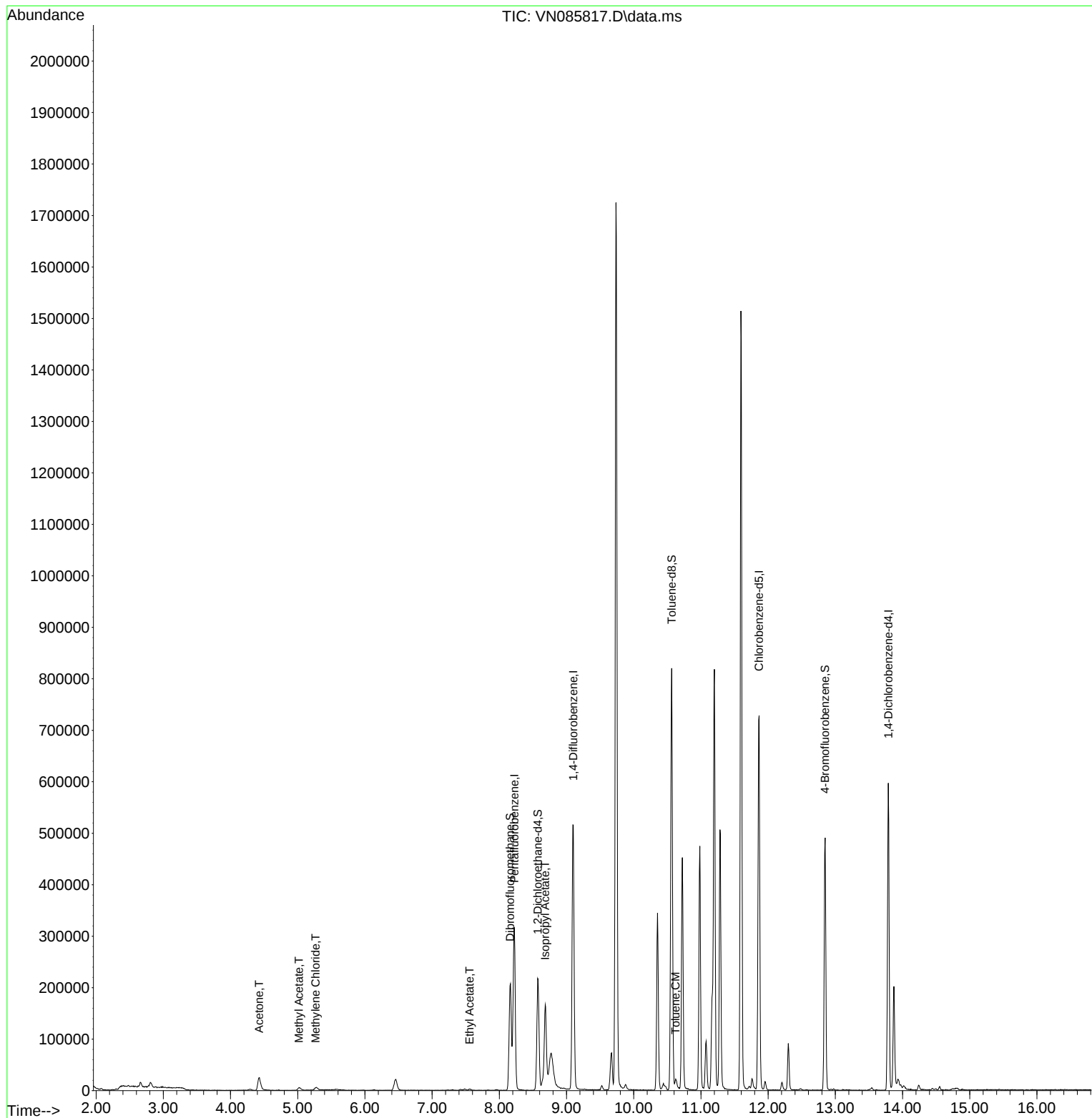
Internal Standards						
1) Pentafluorobenzene	8.224	168	231242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	456875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	180129	60.084	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.160%	
35) Dibromofluoromethane	8.159	113	152801	51.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.220%	
50) Toluene-d8	10.565	98	578744	53.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.420%	
62) 4-Bromofluorobenzene	12.847	95	173697	48.468	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.940%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	47901	50.496	ug/l	92
18) Methyl Acetate	5.018	43	10654	3.265	ug/l	94
20) Methylene Chloride	5.265	84	3955	1.296	ug/l	86
37) Ethyl Acetate	7.559	43	4362	1.253	ug/l #	88
43) Isopropyl Acetate	8.683	43	196914	32.028	ug/l #	85
52) Toluene	10.624	92	7963	1.002	ug/l	96

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
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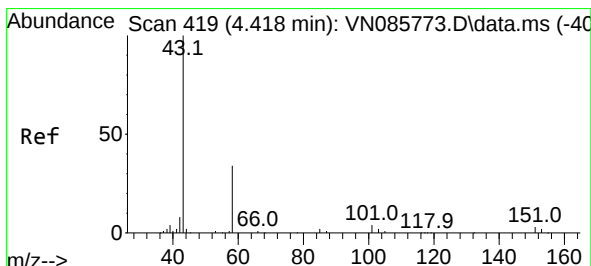
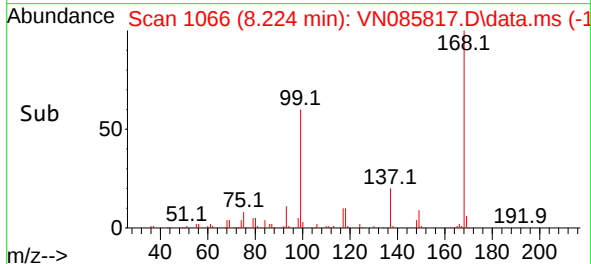
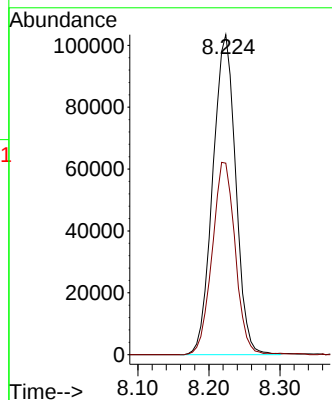
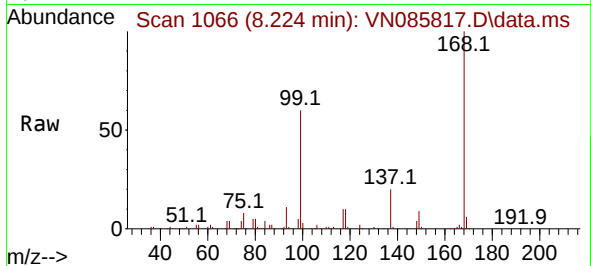




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

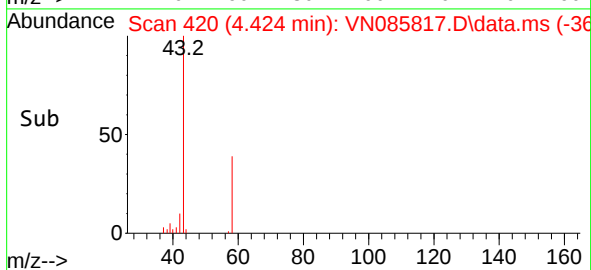
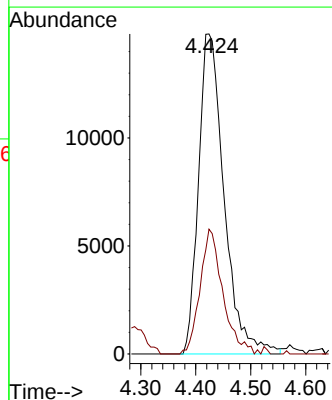
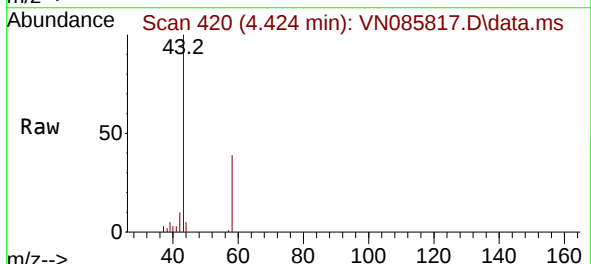
Instrument :
MSVOA_N
ClientSampleId :
STOCK-PILE

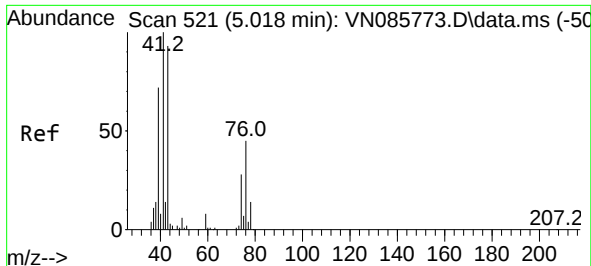
Tgt Ion:168 Resp: 231242
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9



#16
Acetone
Concen: 50.496 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

Tgt Ion: 43 Resp: 47901
Ion Ratio Lower Upper
43 100
58 39.0 27.5 41.3

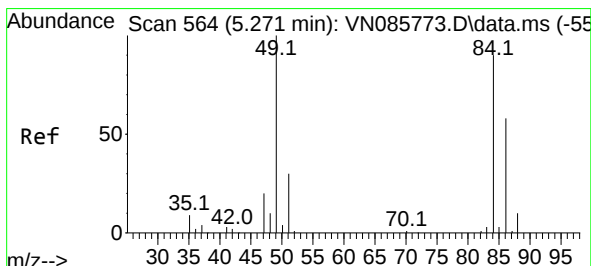
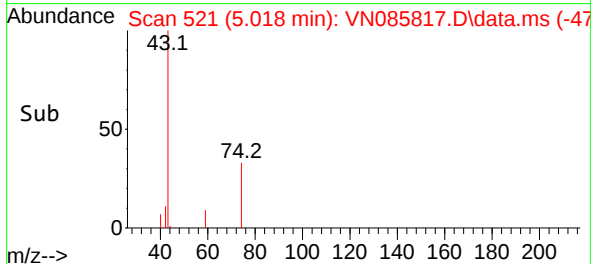
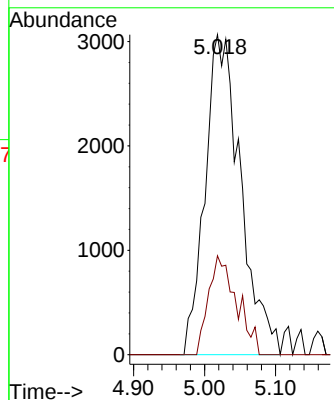
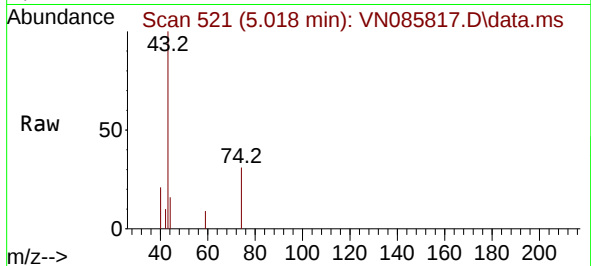




#18
Methyl Acetate
Concen: 3.265 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

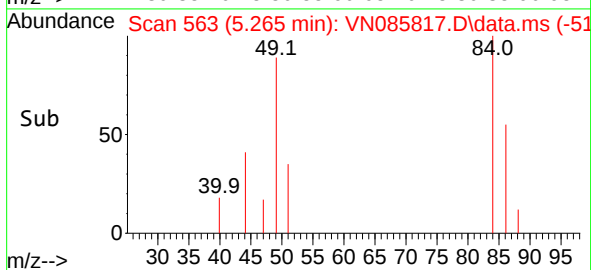
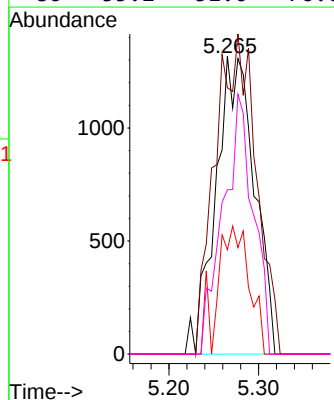
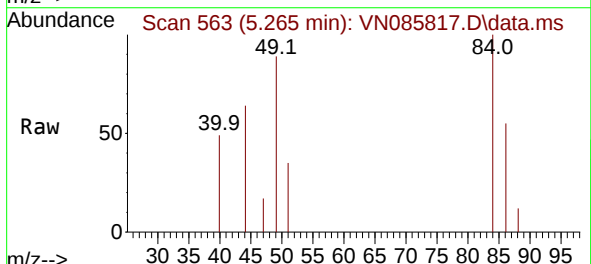
Instrument :
MSVOA_N
ClientSampleId :
STOCK-PILE

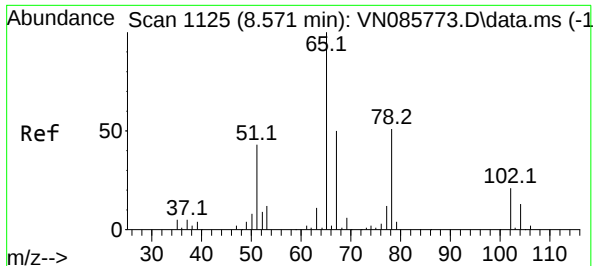
Tgt Ion: 43 Resp: 10654
Ion Ratio Lower Upper
43 100
74 24.4 22.2 33.4



#20
Methylene Chloride
Concen: 1.296 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

Tgt Ion: 84 Resp: 3955
Ion Ratio Lower Upper
84 100
49 89.4 88.4 132.6
51 35.0 26.6 40.0
86 55.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.084 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085817.D

Acq: 21 Feb 2025 21:02

Instrument :

MSVOA_N

ClientSampleId :

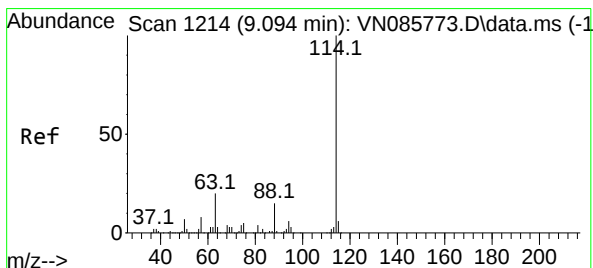
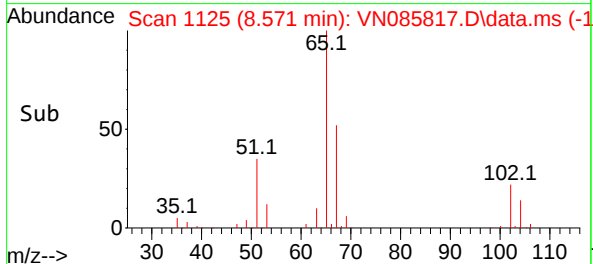
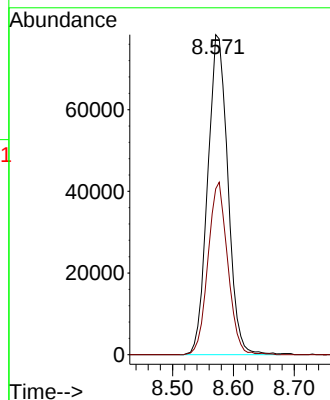
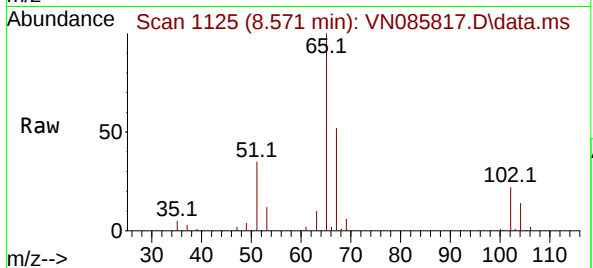
STOCK-PILE

Tgt Ion: 65 Resp: 180129

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085817.D

Acq: 21 Feb 2025 21:02

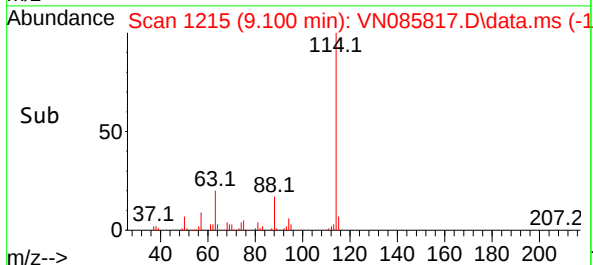
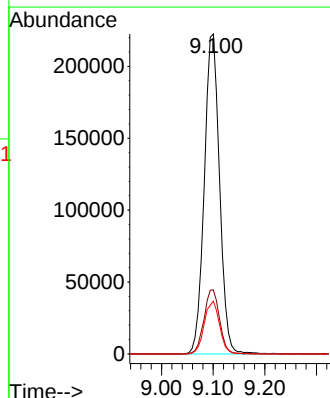
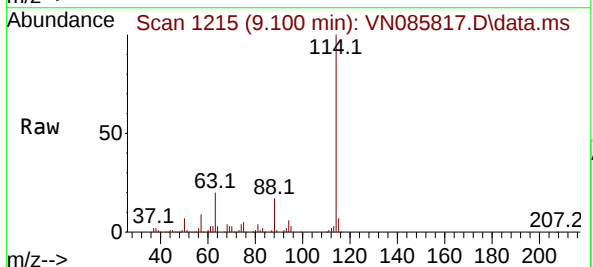
Tgt Ion: 114 Resp: 456875

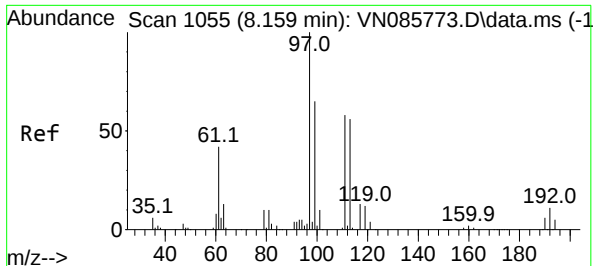
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

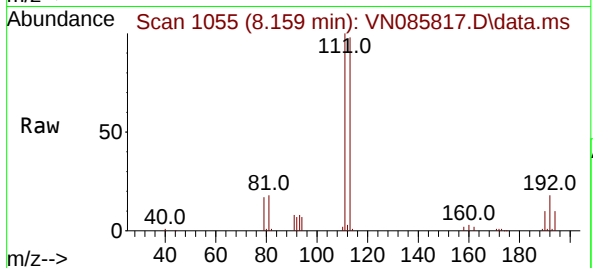
88 16.5 0.0 30.0



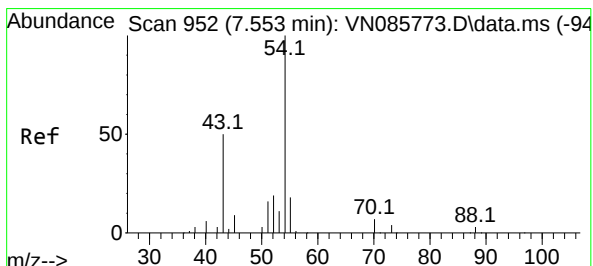
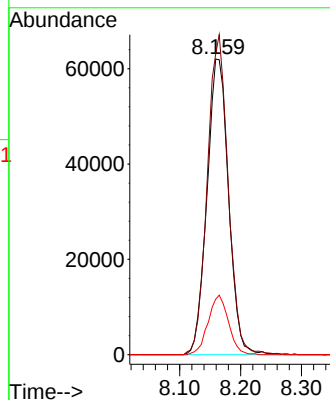
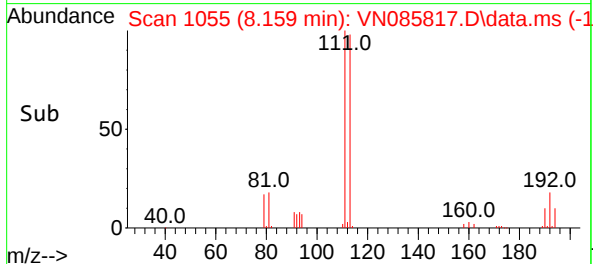


#35
Dibromofluoromethane
Concen: 51.111 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

Instrument :
MSVOA_N
ClientSampleId :
STOCK-PILE

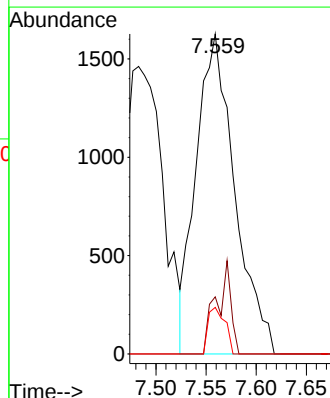
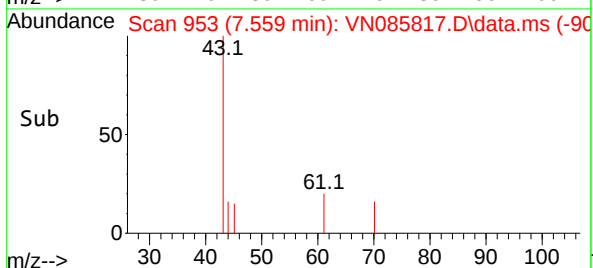
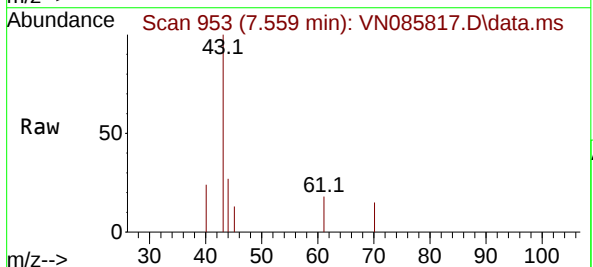


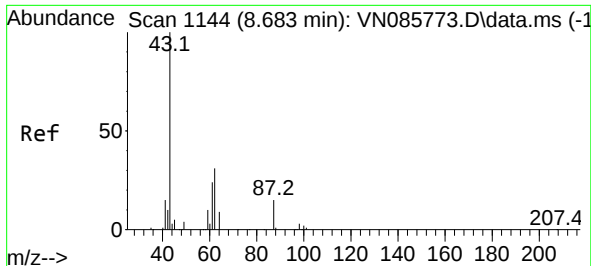
Tgt Ion:113 Resp: 152801
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 19.0 14.7 22.1



#37
Ethyl Acetate
Concen: 1.253 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

Tgt Ion: 43 Resp: 4362
Ion Ratio Lower Upper
43 100
61 11.1 12.2 18.2#
70 6.4 9.5 14.3#

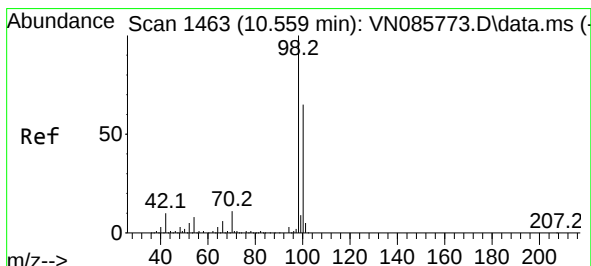
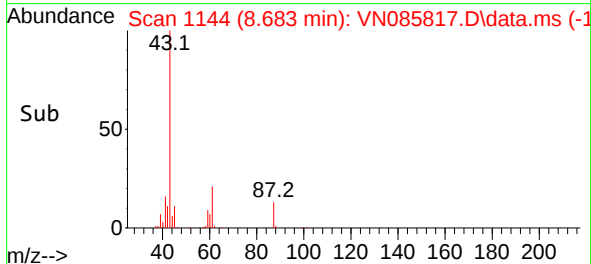
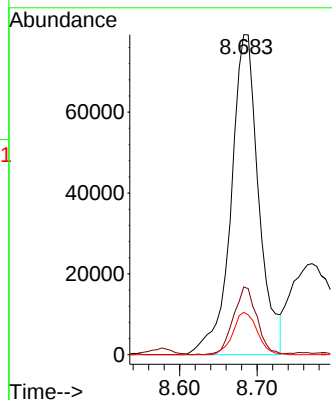
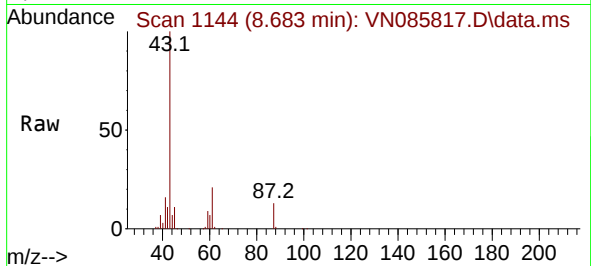




#43
Isopropyl Acetate
Concen: 32.028 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

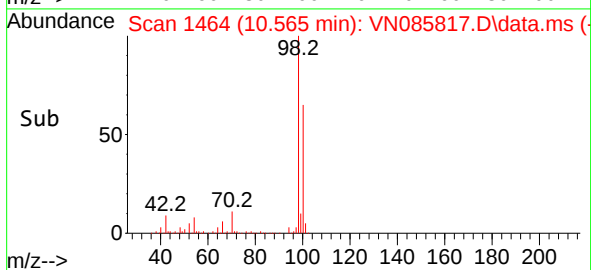
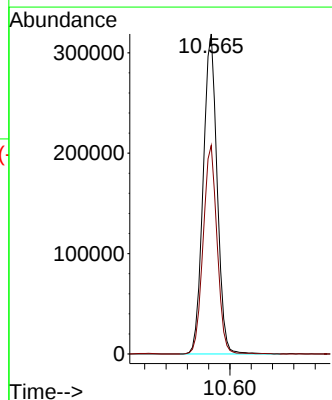
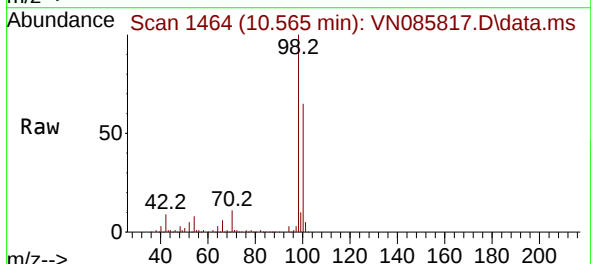
Instrument :
MSVOA_N
ClientSampleId :
STOCK-PILE

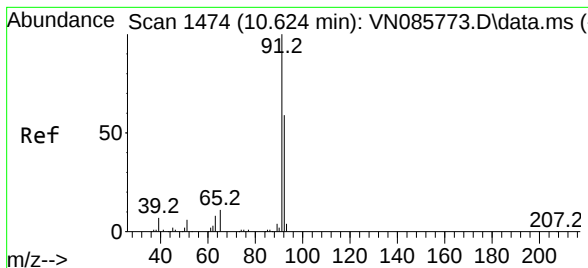
Tgt Ion: 43 Resp: 196914
Ion Ratio Lower Upper
43 100
61 18.0 22.6 34.0#
87 11.6 11.8 17.8#



#50
Toluene-d8
Concen: 53.208 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

Tgt Ion: 98 Resp: 578744
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#52

Toluene

Concen: 1.002 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VN085817.D

Acq: 21 Feb 2025 21:02

Instrument :

MSVOA_N

ClientSampleId :

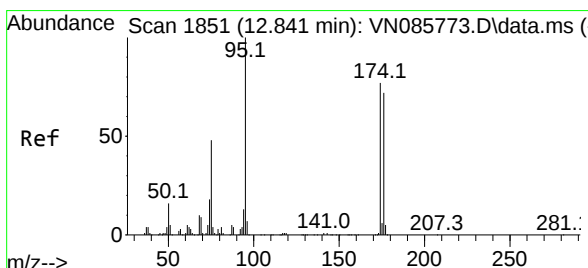
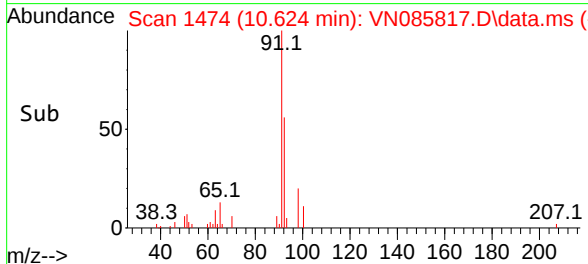
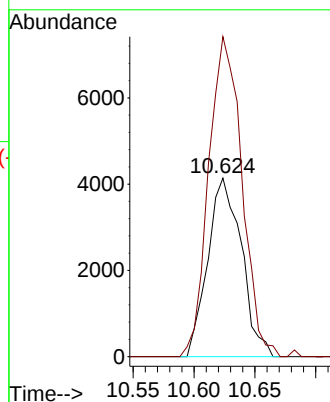
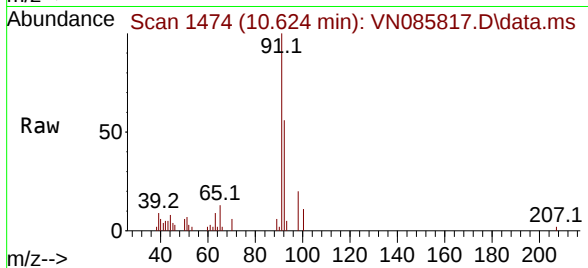
STOCK-PILE

Tgt Ion: 92 Resp: 7963

Ion Ratio Lower Upper

92 100

91 176.8 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 48.468 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.006 min

Lab File: VN085817.D

Acq: 21 Feb 2025 21:02

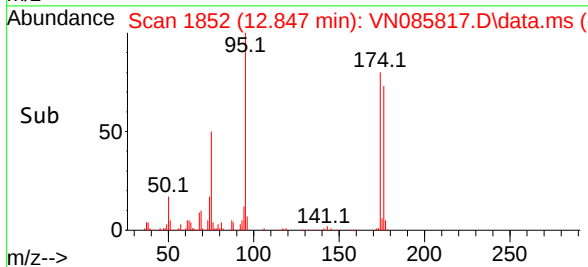
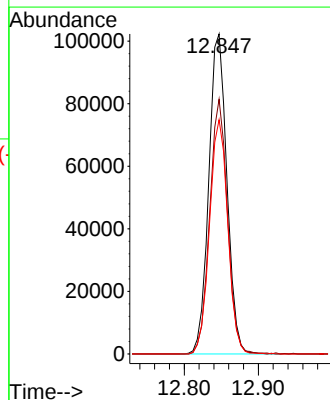
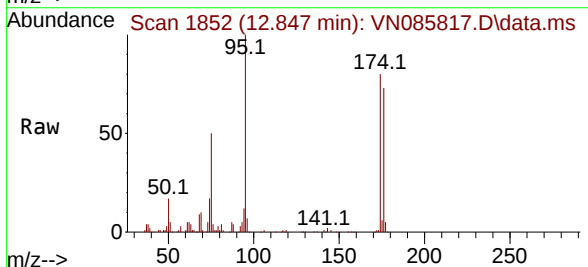
Tgt Ion: 95 Resp: 173697

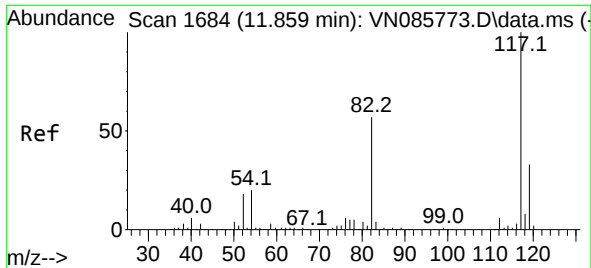
Ion Ratio Lower Upper

95 100

174 78.3 0.0 152.4

176 73.5 0.0 146.6

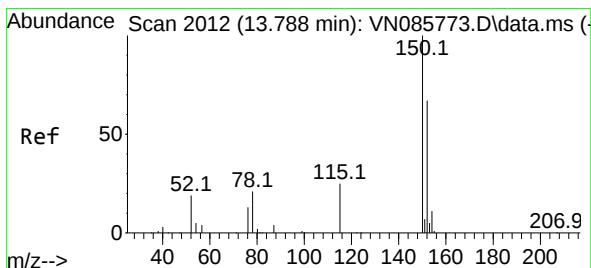
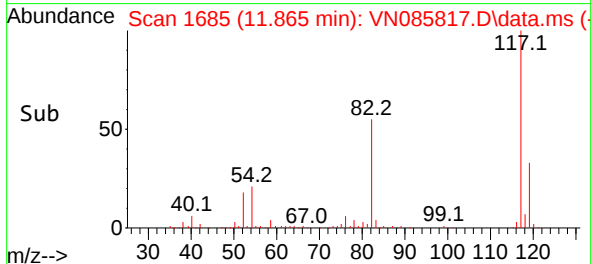
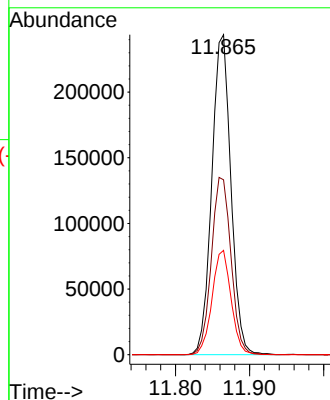
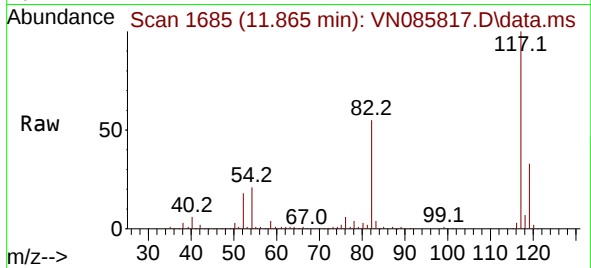




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

Instrument :
MSVOA_N
ClientSampleId :
STOCK-PILE

Tgt Ion:117 Resp: 436150
Ion Ratio Lower Upper
117 100
82 54.7 45.7 68.5
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085817.D
Acq: 21 Feb 2025 21:02

Tgt Ion:152 Resp: 164308
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.3
150 157.3 0.0 345.4

