

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085167.D
 Acq On : 10 Dec 2024 15:31
 Operator : JC\MD
 Sample : P5219-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-CAM-013

Quant Time: Dec 11 04:16:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

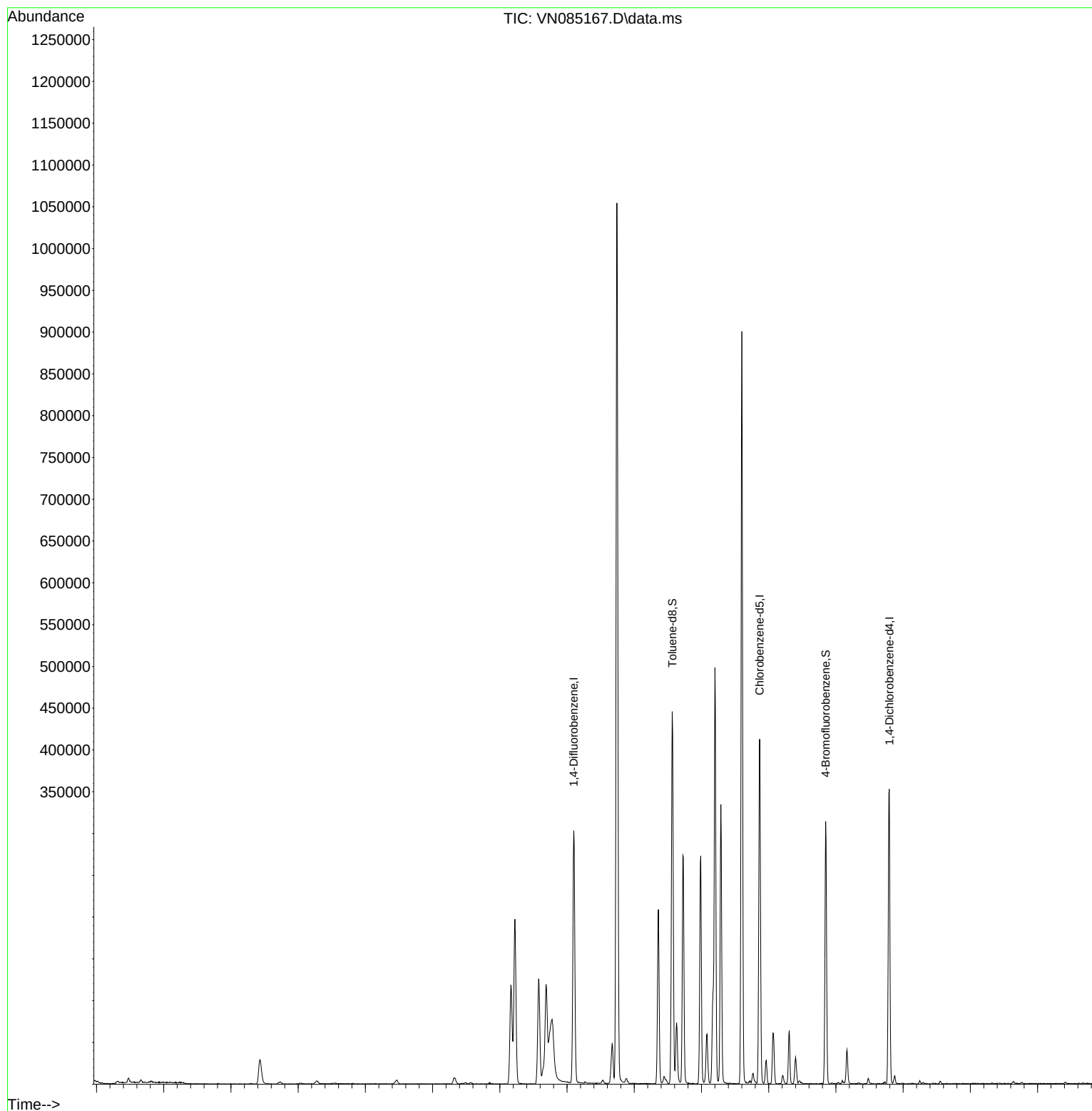
Internal Standards						
1) Pentafluorobenzene	8.224	168	135983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104610	54.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	108.020%	
35) Dibromofluoromethane	8.165	113	86113	49.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	99.480%	
50) Toluene-d8	10.565	98	309938	49.957	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	99.920%	
62) 4-Bromofluorobenzene	12.847	95	108378	46.712	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	=	93.420%	
Target Compounds						
16) Acetone	4.430	43	56884	100.836	ug/l	94
43) Isopropyl Acetate	8.688	43	159881	36.107	ug/l #	81
52) Toluene	10.630	92	31643	7.207	ug/l	96
67) Ethyl Benzene	11.965	91	13660	1.574	ug/l	95
68) m/p-Xylenes	12.071	106	19178	5.805	ug/l	94
69) o-Xylene	12.394	106	7018	2.233	ug/l	99
70) Styrene	12.406	104	5265	1.007	ug/l #	83

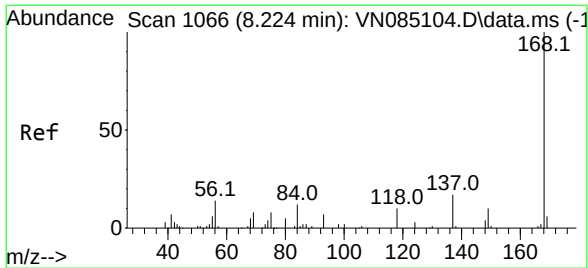
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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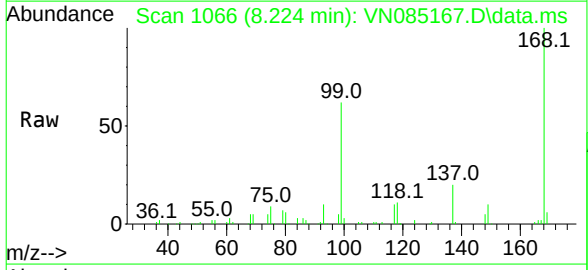
Quant Time: Dec 11 04:16:51 2024
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Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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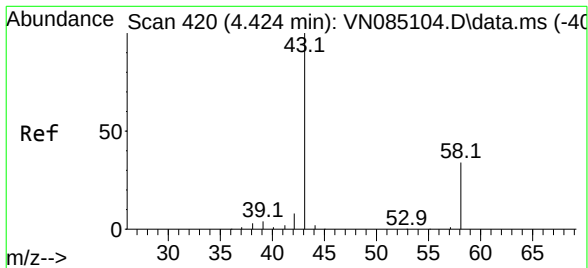
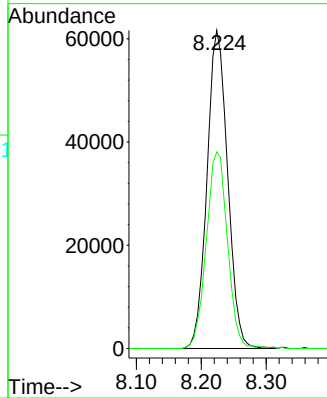
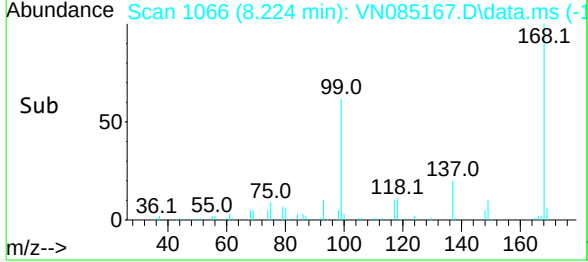


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085167.D
Acq: 10 Dec 2024 15:31

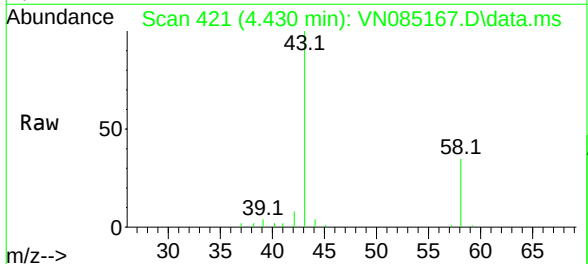
Instrument :
MSVOA_N
ClientSampleId :
MR-CAM-013



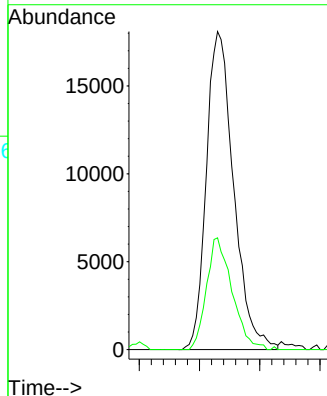
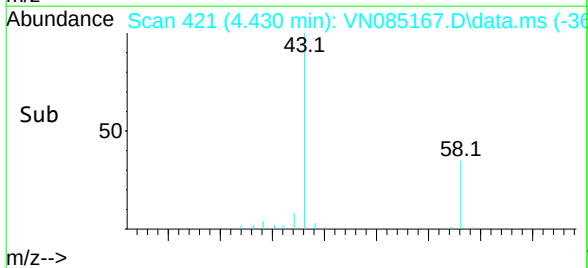
Tgt Ion:168 Resp: 135983
Ion Ratio Lower Upper
168 100
99 61.8 51.2 76.8

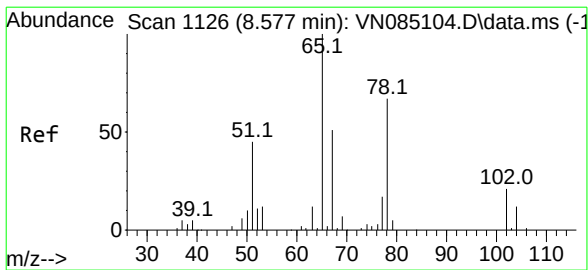


#16
Acetone
Concen: 100.836 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085167.D
Acq: 10 Dec 2024 15:31



Tgt Ion: 43 Resp: 56884
Ion Ratio Lower Upper
43 100
58 35.1 25.4 38.2



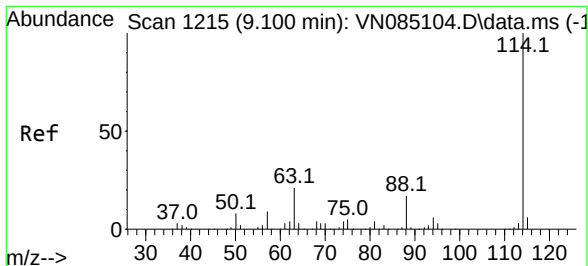
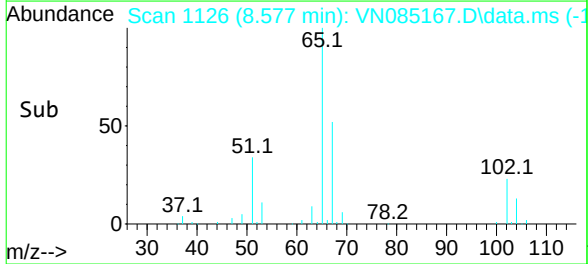
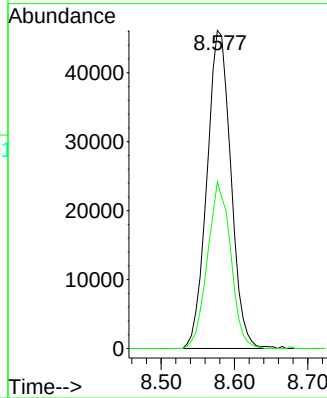
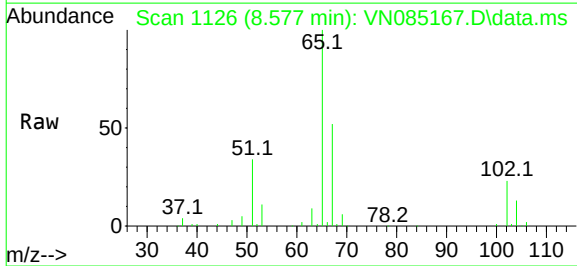


#33
 1,2-Dichloroethane-d4
 Concen: 54.007 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085167.D
 Acq: 10 Dec 2024 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-CAM-013

Tgt Ion: 65 Resp: 104610

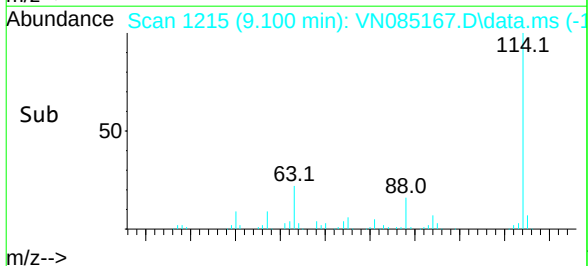
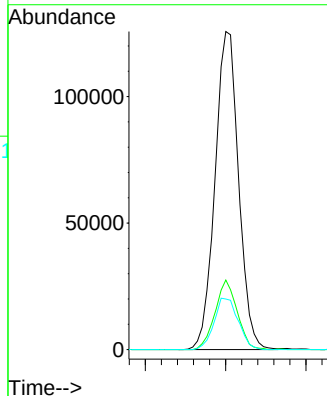
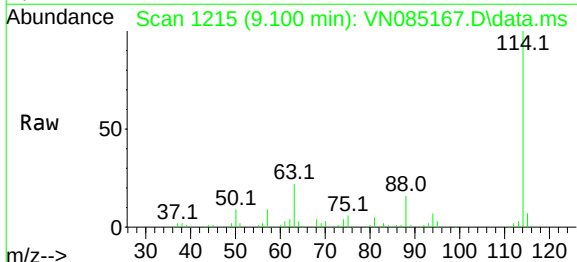
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	105.0

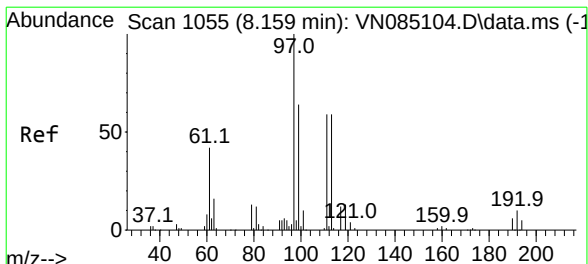


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085167.D
 Acq: 10 Dec 2024 15:31

Tgt Ion: 114 Resp: 256711

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.0
88	15.9	0.0	34.8

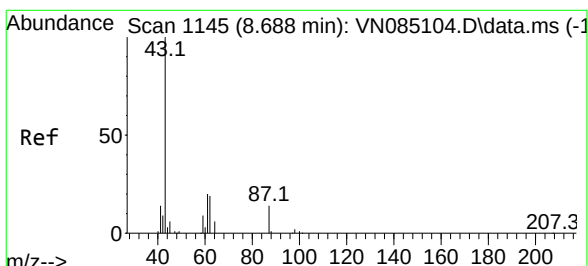
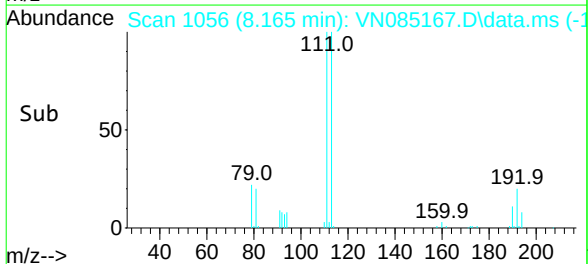
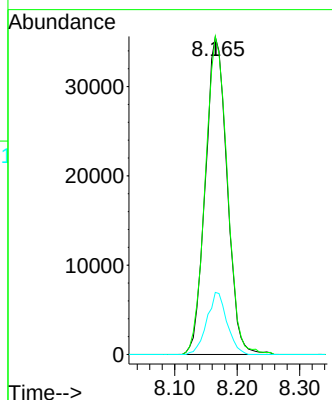
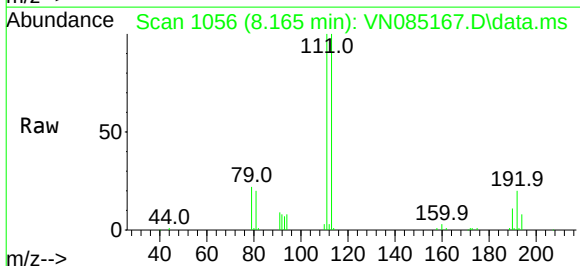




#35
 Dibromofluoromethane
 Concen: 49.743 ug/l
 RT: 8.165 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VN085167.D
 Acq: 10 Dec 2024 15:31

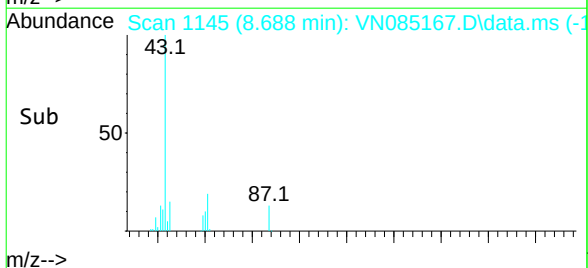
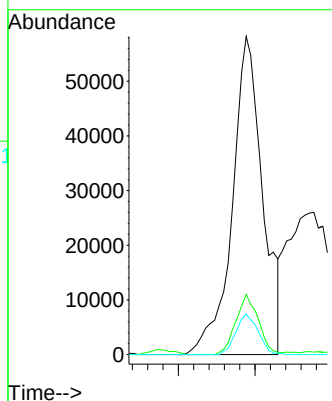
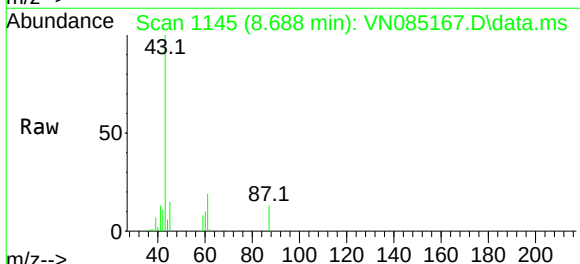
Instrument :
 MSVOA_N
 ClientSampleId :
 MR-CAM-013

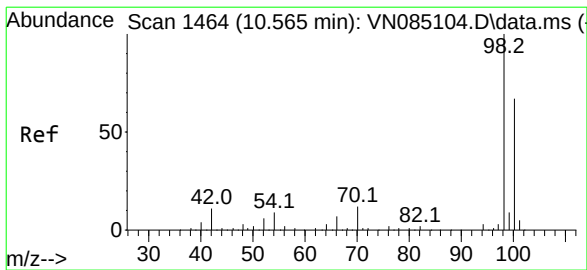
Tgt Ion:	113	Resp:	86113
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.0	123.0
192	18.0	14.8	22.2



#43
 Isopropyl Acetate
 Concen: 36.107 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.006 min
 Lab File: VN085167.D
 Acq: 10 Dec 2024 15:31

Tgt Ion:	43	Resp:	159881
Ion	Ratio	Lower	Upper
43	100		
61	14.1	20.6	30.8#
87	9.4	11.0	16.4#





#50

Toluene-d8

Concen: 49.957 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085167.D

Acq: 10 Dec 2024 15:31

Instrument :

MSVOA_N

ClientSampleId :

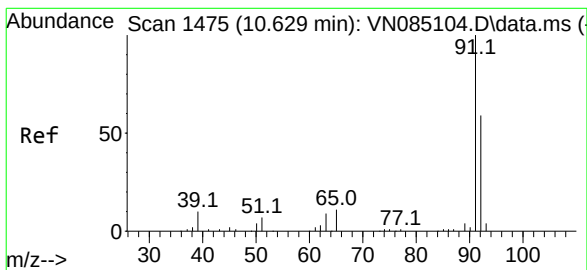
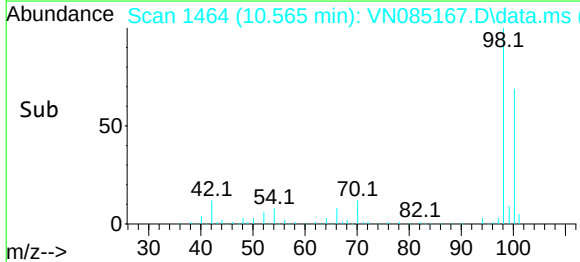
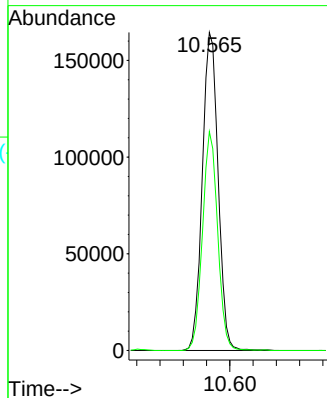
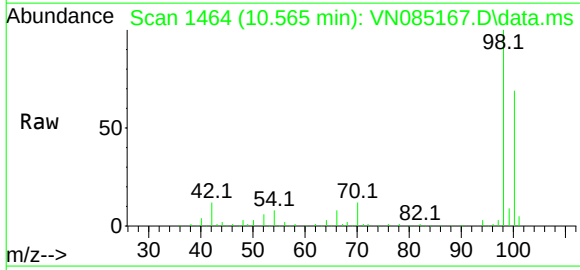
MR-CAM-013

Tgt Ion: 98 Resp: 309938

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



#52

Toluene

Concen: 7.207 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085167.D

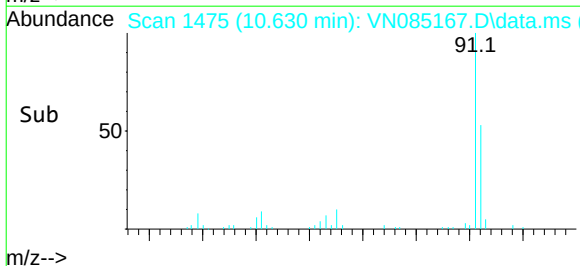
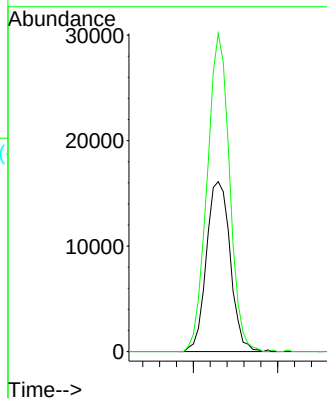
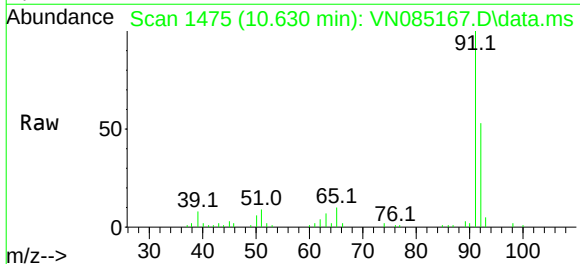
Acq: 10 Dec 2024 15:31

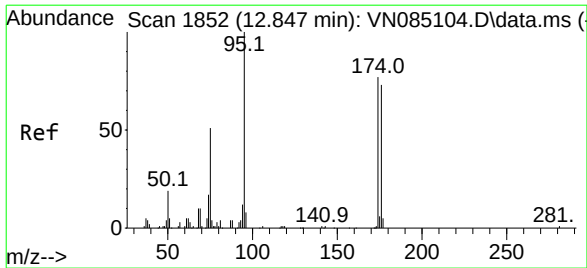
Tgt Ion: 92 Resp: 31643

Ion Ratio Lower Upper

92 100

91 175.9 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 46.712 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085167.D

Acq: 10 Dec 2024 15:31

Instrument :

MSVOA_N

ClientSampleId :

MR-CAM-013

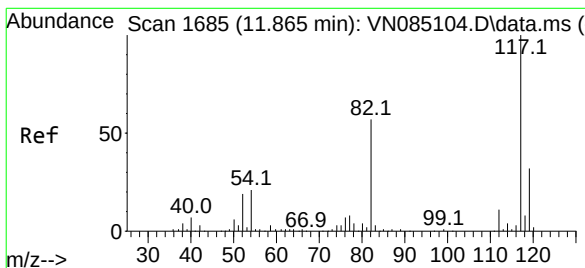
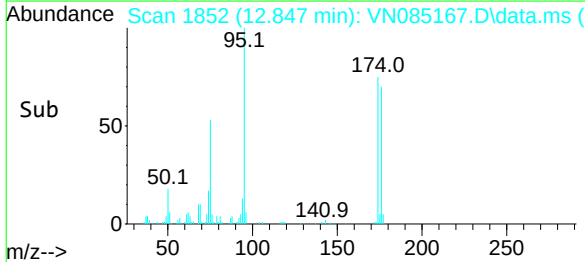
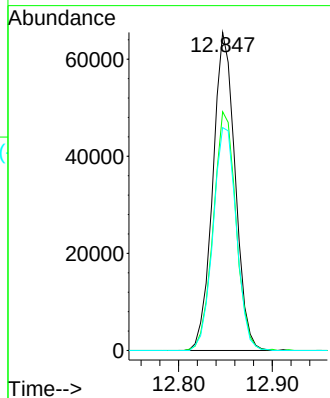
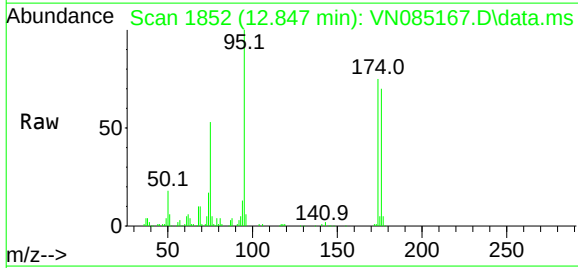
Tgt Ion: 95 Resp: 108378

Ion Ratio Lower Upper

95 100

174 76.2 0.0 146.6

176 73.0 0.0 141.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VN085167.D

Acq: 10 Dec 2024 15:31

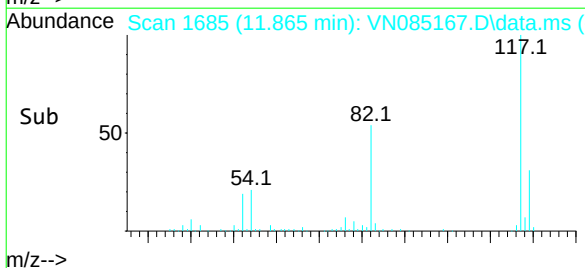
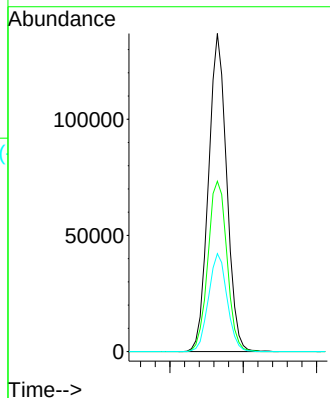
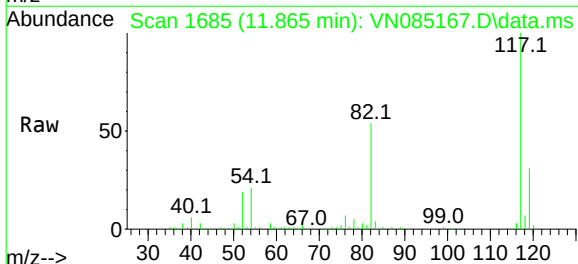
Tgt Ion: 117 Resp: 235841

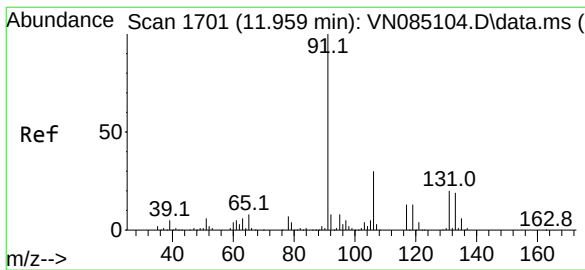
Ion Ratio Lower Upper

117 100

82 53.6 46.0 69.0

119 30.8 25.6 38.4





#67

Ethyl Benzene

Concen: 1.574 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN085167.D

Acq: 10 Dec 2024 15:31

Instrument :

MSVOA_N

ClientSampleId :

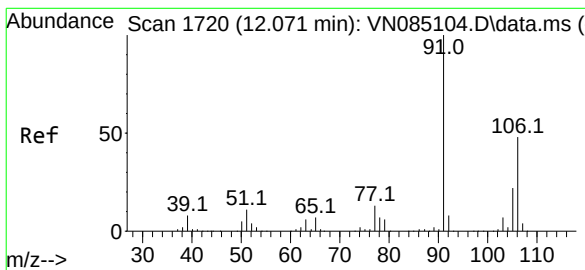
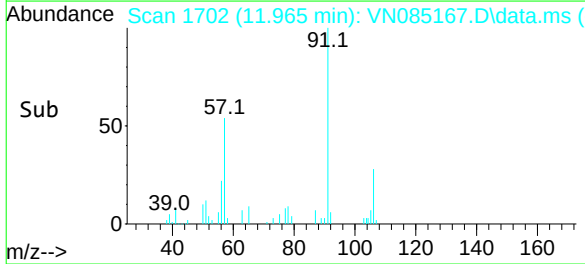
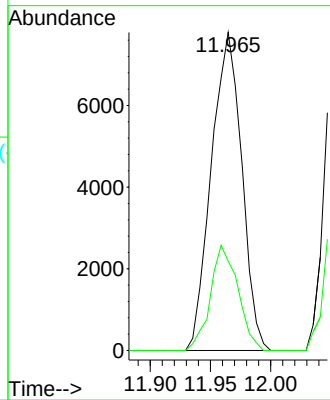
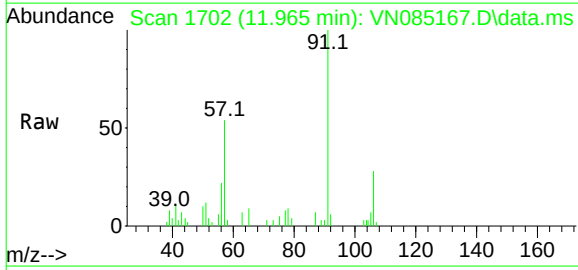
MR-CAM-013

Tgt Ion: 91 Resp: 13660

Ion Ratio Lower Upper

91 100

106 28.1 24.7 37.1



#68

m/p-Xylenes

Concen: 5.805 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085167.D

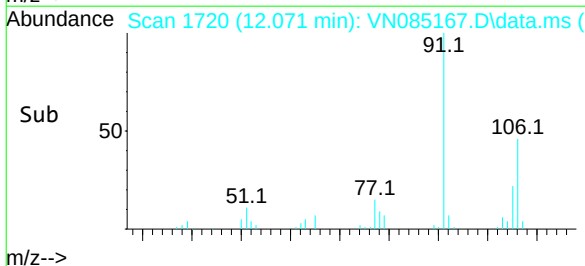
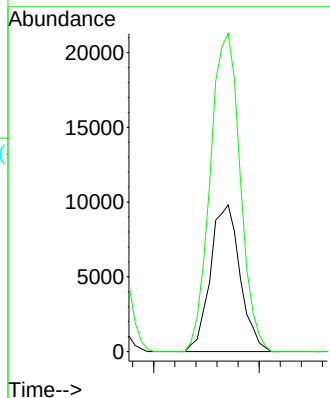
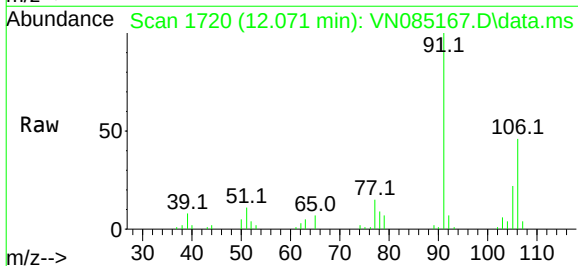
Acq: 10 Dec 2024 15:31

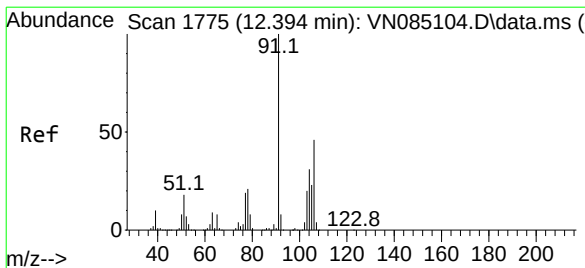
Tgt Ion: 106 Resp: 19178

Ion Ratio Lower Upper

106 100

91 219.0 168.0 252.0





#69

o-Xylene

Concen: 2.233 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085167.D

Acq: 10 Dec 2024 15:31

Instrument :

MSVOA_N

ClientSampleId :

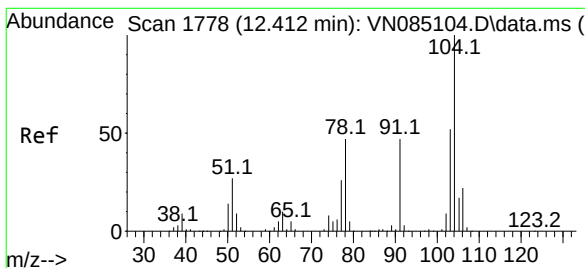
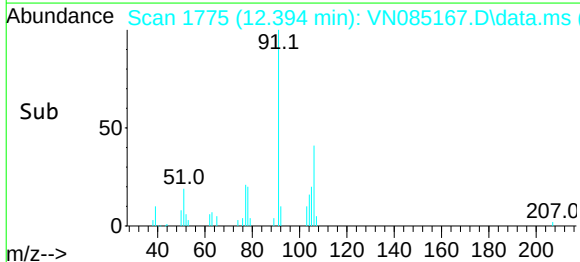
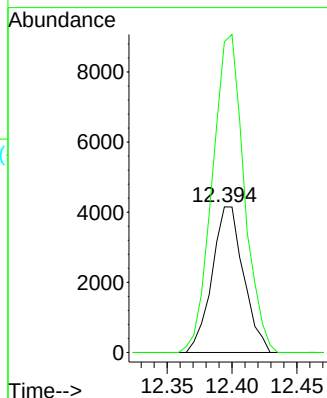
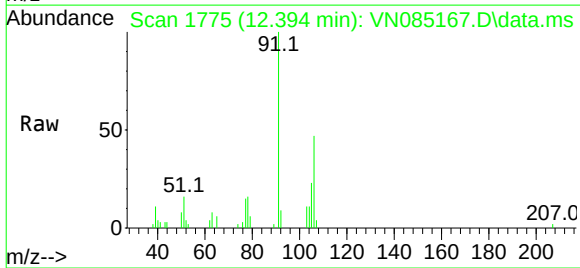
MR-CAM-013

Tgt Ion:106 Resp: 7018

Ion Ratio Lower Upper

106 100

91 220.0 110.7 331.9



#70

Styrene

Concen: 1.007 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085167.D

Acq: 10 Dec 2024 15:31

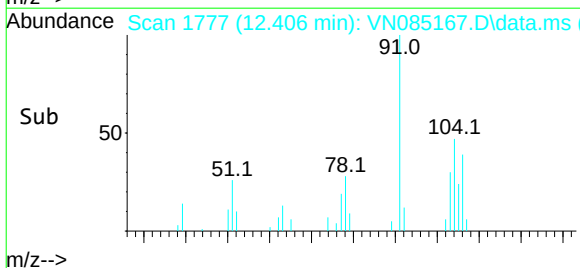
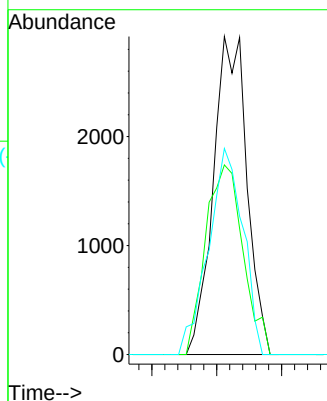
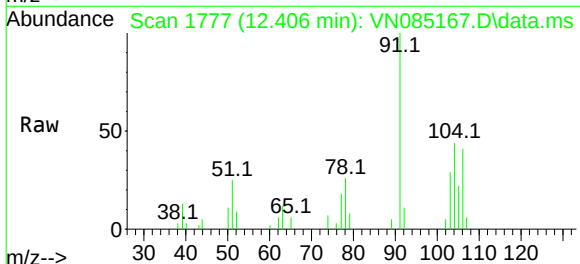
Tgt Ion:104 Resp: 5265

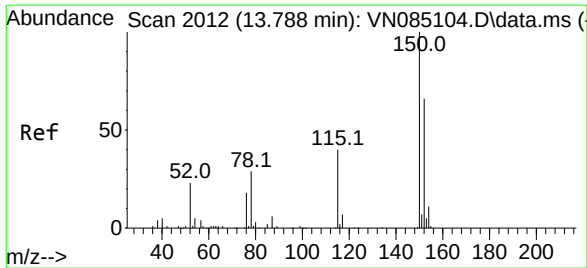
Ion Ratio Lower Upper

104 100

78 66.5 42.3 63.5#

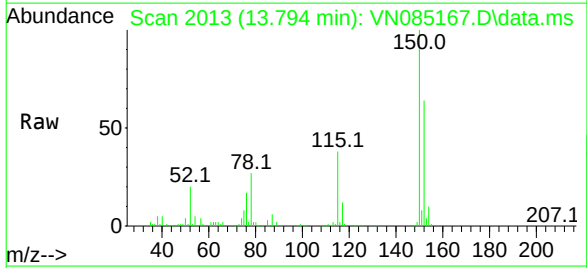
103 66.4 44.2 66.2#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085167.D
Acq: 10 Dec 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :
MR-CAM-013



Tgt Ion:152 Resp: 97141
Ion Ratio Lower Upper
152 100
115 60.9 31.7 95.1
150 156.9 0.0 351.4

