

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085621.D
 Acq On : 03 Feb 2025 14:48
 Operator : JC\MD
 Sample : PB166424TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424TB

Quant Time: Feb 04 00:58:34 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)

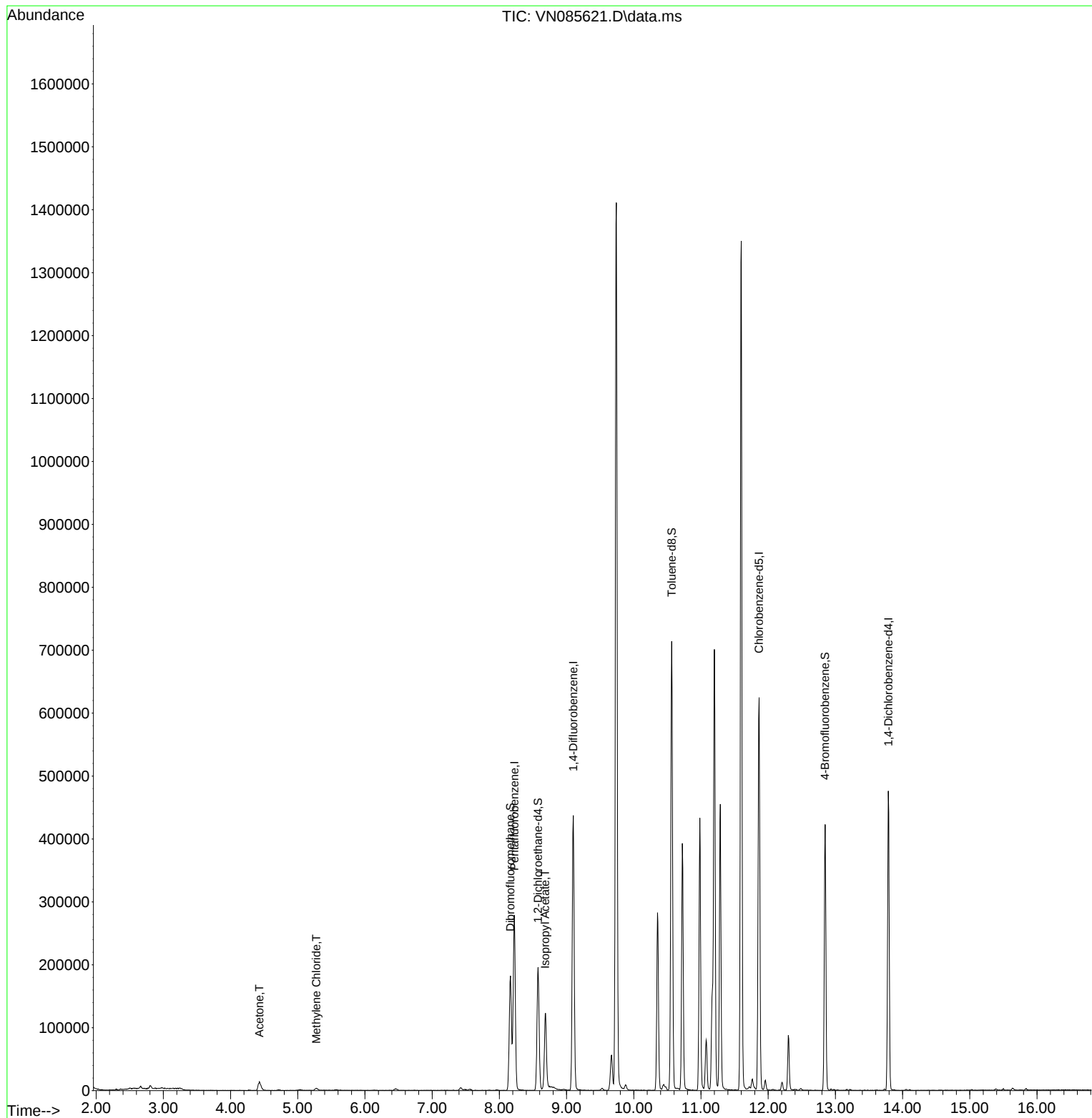
Internal Standards						
1) Pentafluorobenzene	8.224	168	190437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	356509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	155634	50.628	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.260%	
35) Dibromofluoromethane	8.165	113	130102	50.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.360%	
50) Toluene-d8	10.565	98	501918	54.488	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.980%	
62) 4-Bromofluorobenzene	12.847	95	139243	44.189	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.380%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	26020	26.197	ug/l	99
20) Methylene Chloride	5.277	84	2540	1.033	ug/l #	72
43) Isopropyl Acetate	8.683	43	134455	22.847	ug/l #	90

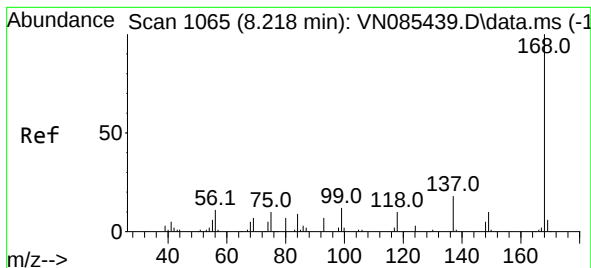
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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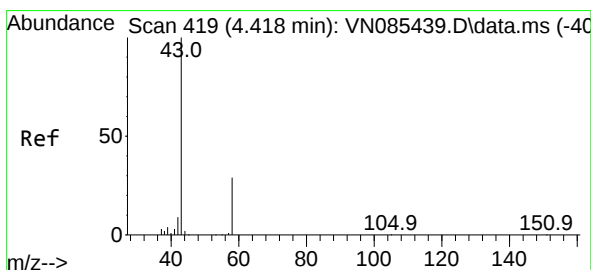
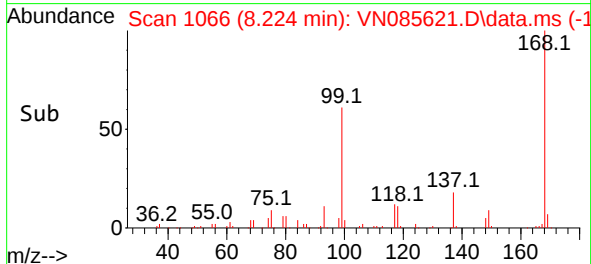
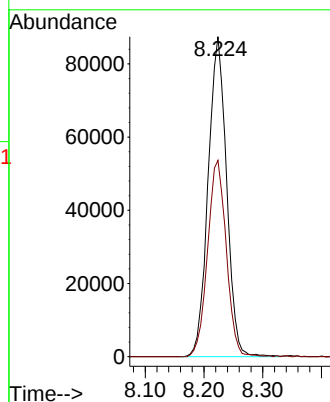
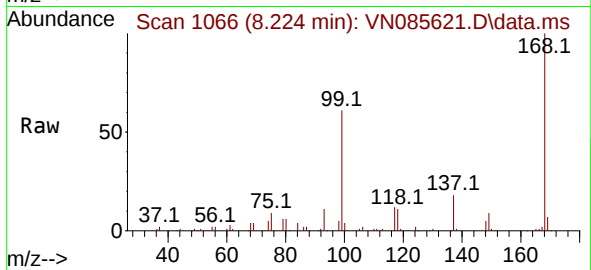




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085621.D
Acq: 03 Feb 2025 14:48

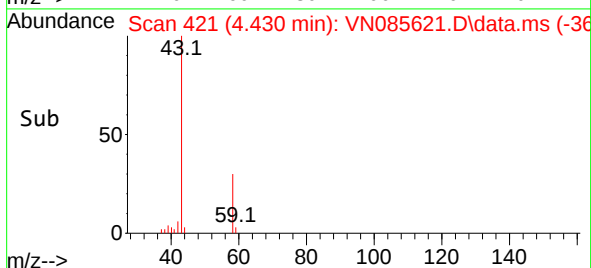
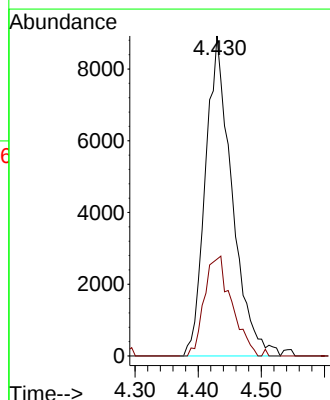
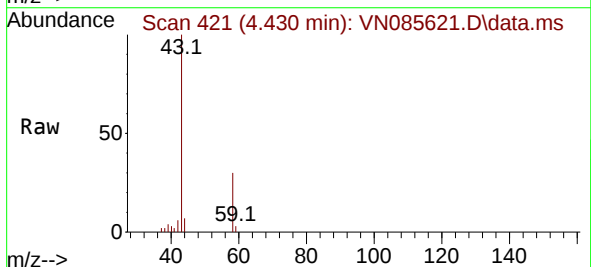
Instrument :
MSVOA_N
ClientSampleId :
PB166424TB

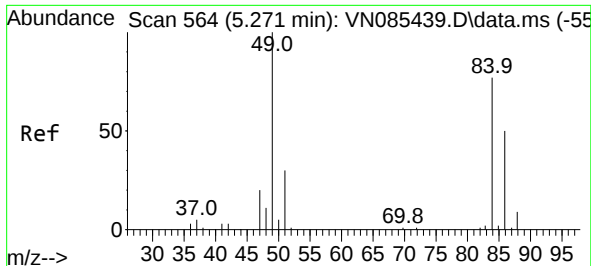
Tgt Ion:168 Resp: 190437
Ion Ratio Lower Upper
168 100
99 61.4 53.6 80.4



#16
Acetone
Concen: 26.197 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085621.D
Acq: 03 Feb 2025 14:48

Tgt Ion: 43 Resp: 26020
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.6

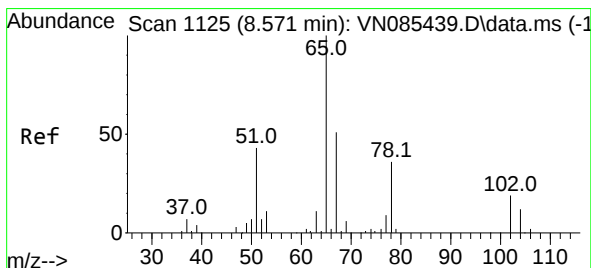
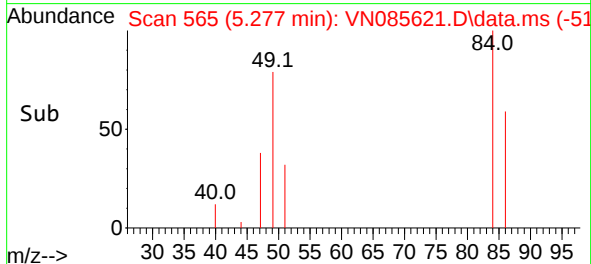
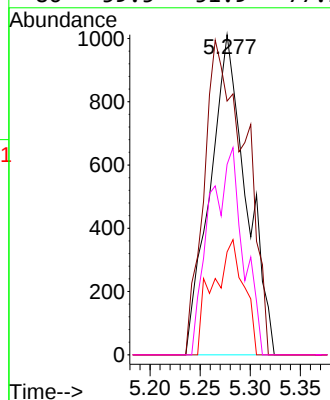
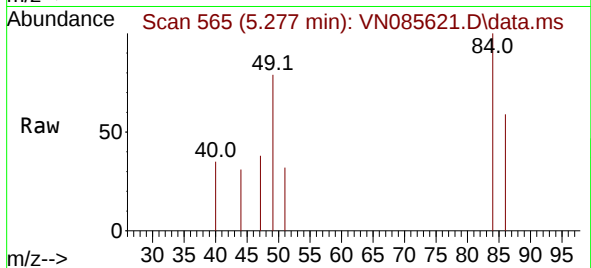




#20
Methylene Chloride
Concen: 1.033 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085621.D
Acq: 03 Feb 2025 14:48

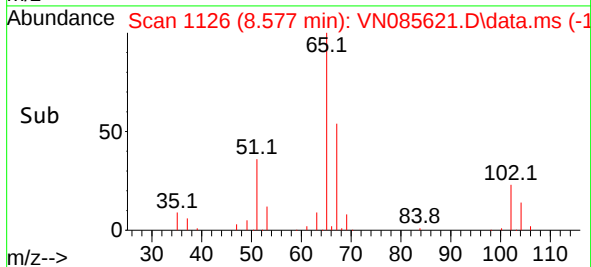
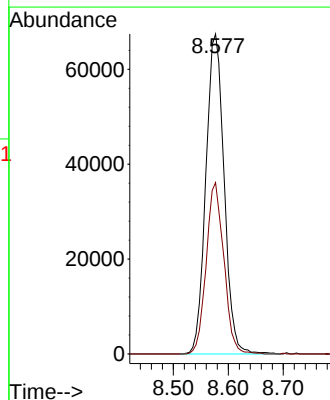
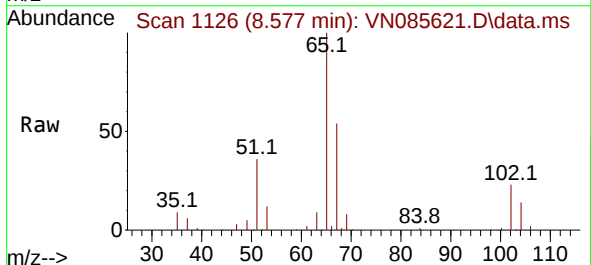
Instrument :
MSVOA_N
ClientSampleId :
PB166424TB

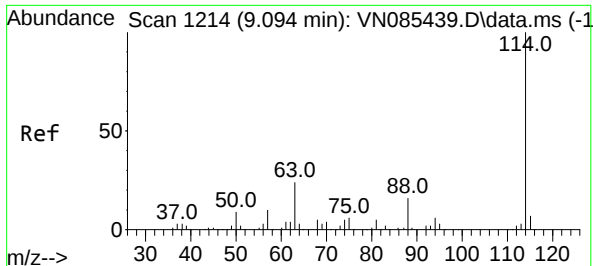
Tgt Ion:	84	Resp:	2540
Ion	Ratio	Lower	Upper
84	100		
49	79.2	104.1	156.1#
51	32.1	31.0	46.4
86	59.5	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 50.628 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085621.D
Acq: 03 Feb 2025 14:48

Tgt Ion:	65	Resp:	155634
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085621.D

Acq: 03 Feb 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB166424TB

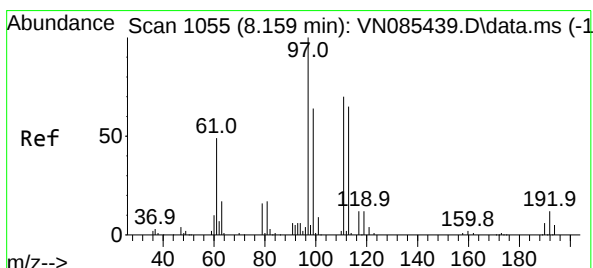
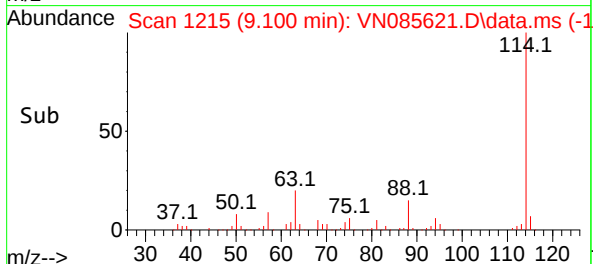
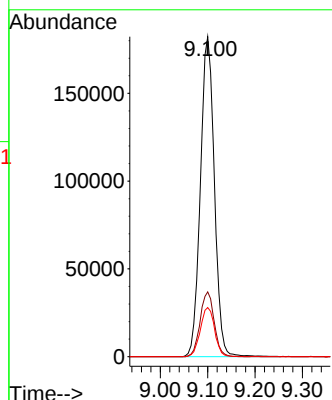
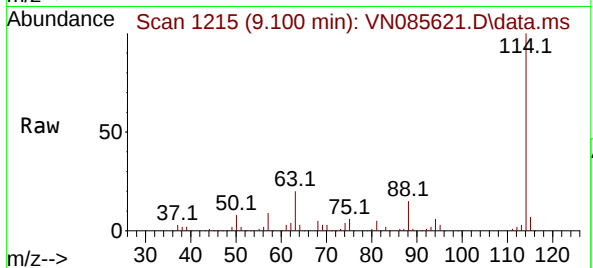
Tgt Ion:114 Resp: 373710

Ion Ratio Lower Upper

114 100

63 20.3 0.0 47.6

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.181 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085621.D

Acq: 03 Feb 2025 14:48

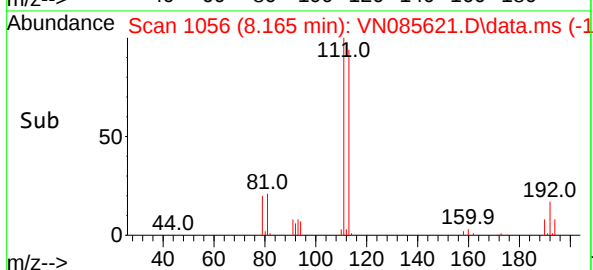
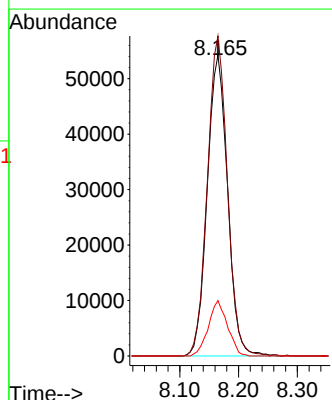
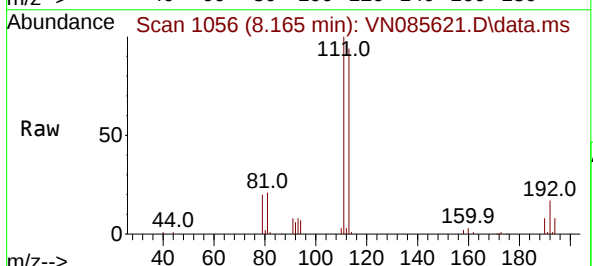
Tgt Ion:113 Resp: 130102

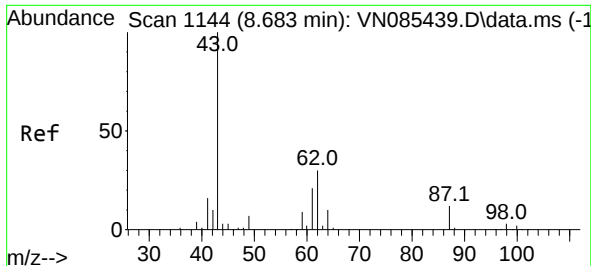
Ion Ratio Lower Upper

113 100

111 104.7 82.7 124.1

192 17.3 14.3 21.5

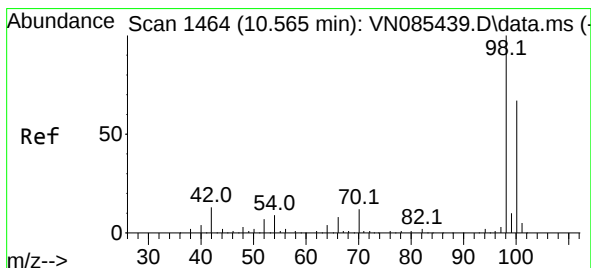
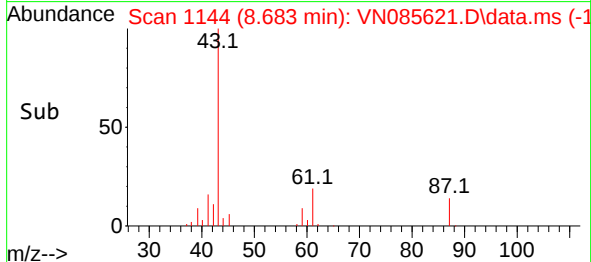
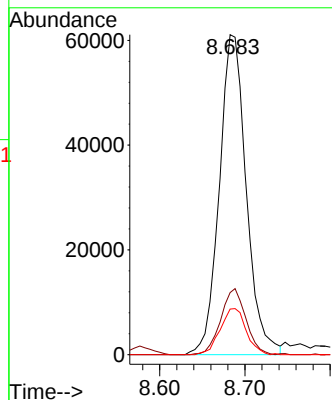
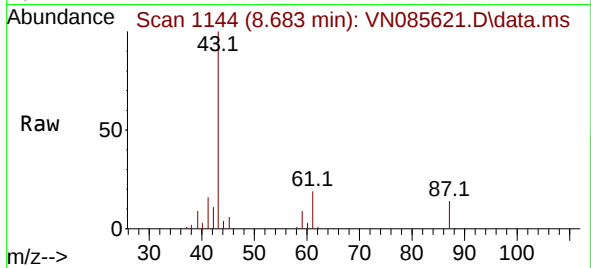




#43
Isopropyl Acetate
Concen: 22.847 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085621.D
Acq: 03 Feb 2025 14:48

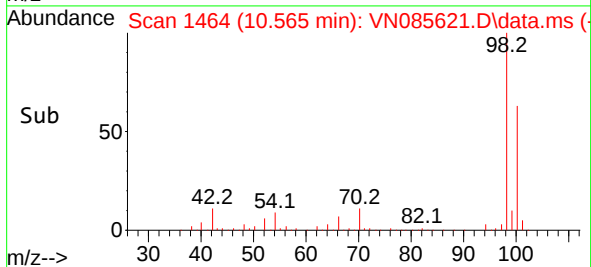
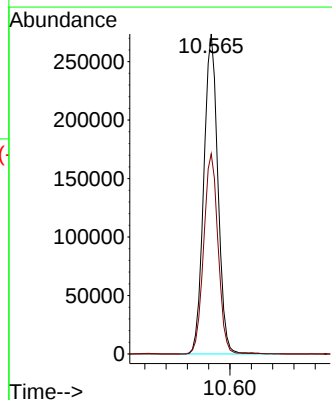
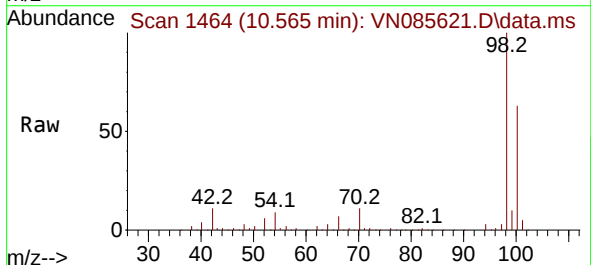
Instrument :
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Tgt Ion: 43 Resp: 134455
Ion Ratio Lower Upper
43 100
61 19.2 20.7 31.1#
87 13.9 9.8 14.8



#50
Toluene-d8
Concen: 54.488 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085621.D
Acq: 03 Feb 2025 14:48

Tgt Ion: 98 Resp: 501918
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4

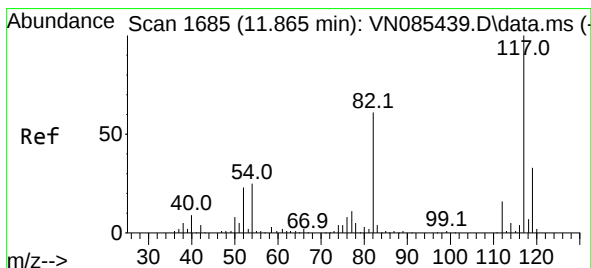
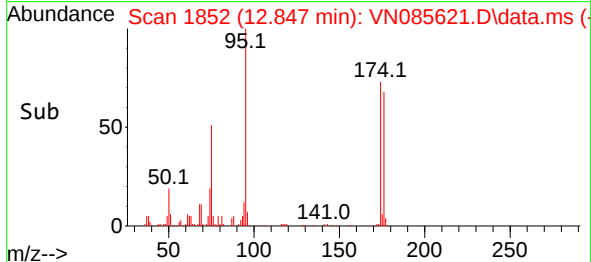
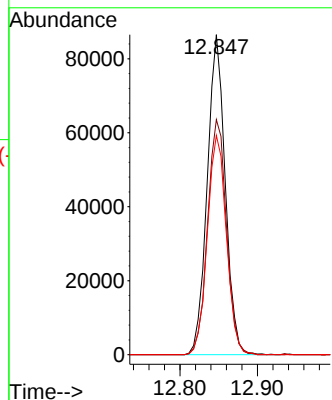
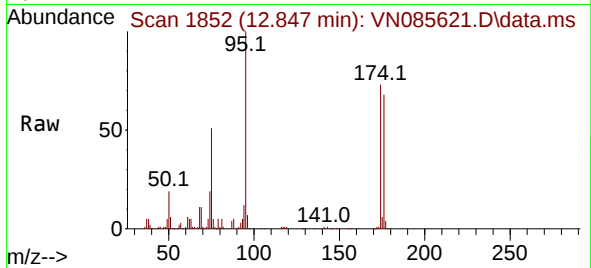




#62
4-Bromofluorobenzene
Concen: 44.189 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085621.D
Acq: 03 Feb 2025 14:48

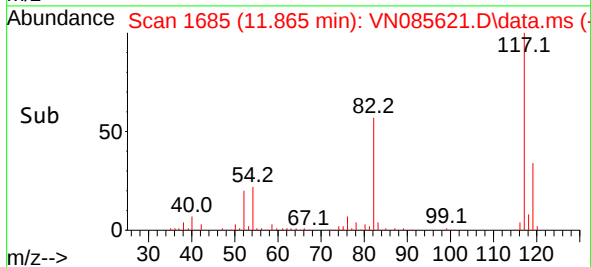
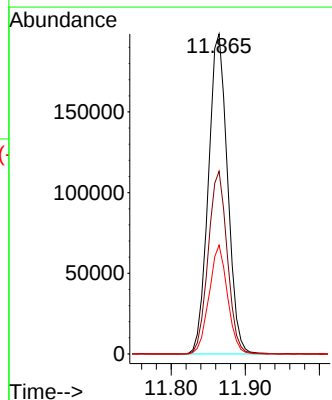
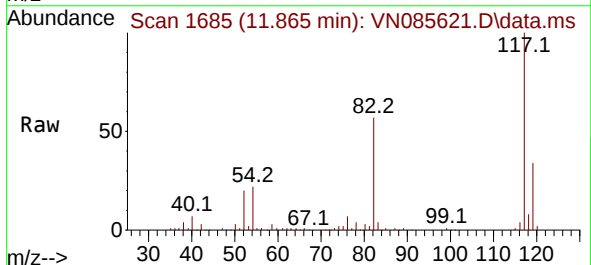
Instrument :
MSVOA_N
ClientSampleId :
PB166424TB

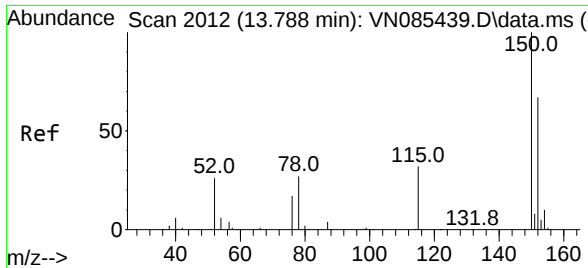
Tgt Ion: 95 Resp: 139243
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.0
176 72.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085621.D
Acq: 03 Feb 2025 14:48

Tgt Ion: 117 Resp: 356509
Ion Ratio Lower Upper
117 100
82 57.1 48.6 72.8
119 34.0 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085621.D
 Acq: 03 Feb 2025 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424TB

Tgt Ion:152 Resp: 125746
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.1 93.3
 150 159.7 0.0 343.6

