

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086105.D
 Acq On : 25 Mar 2025 17:04
 Operator : JC\MD
 Sample : PB167276ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167276ZHE#10

Quant Time: Mar 26 03:21:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

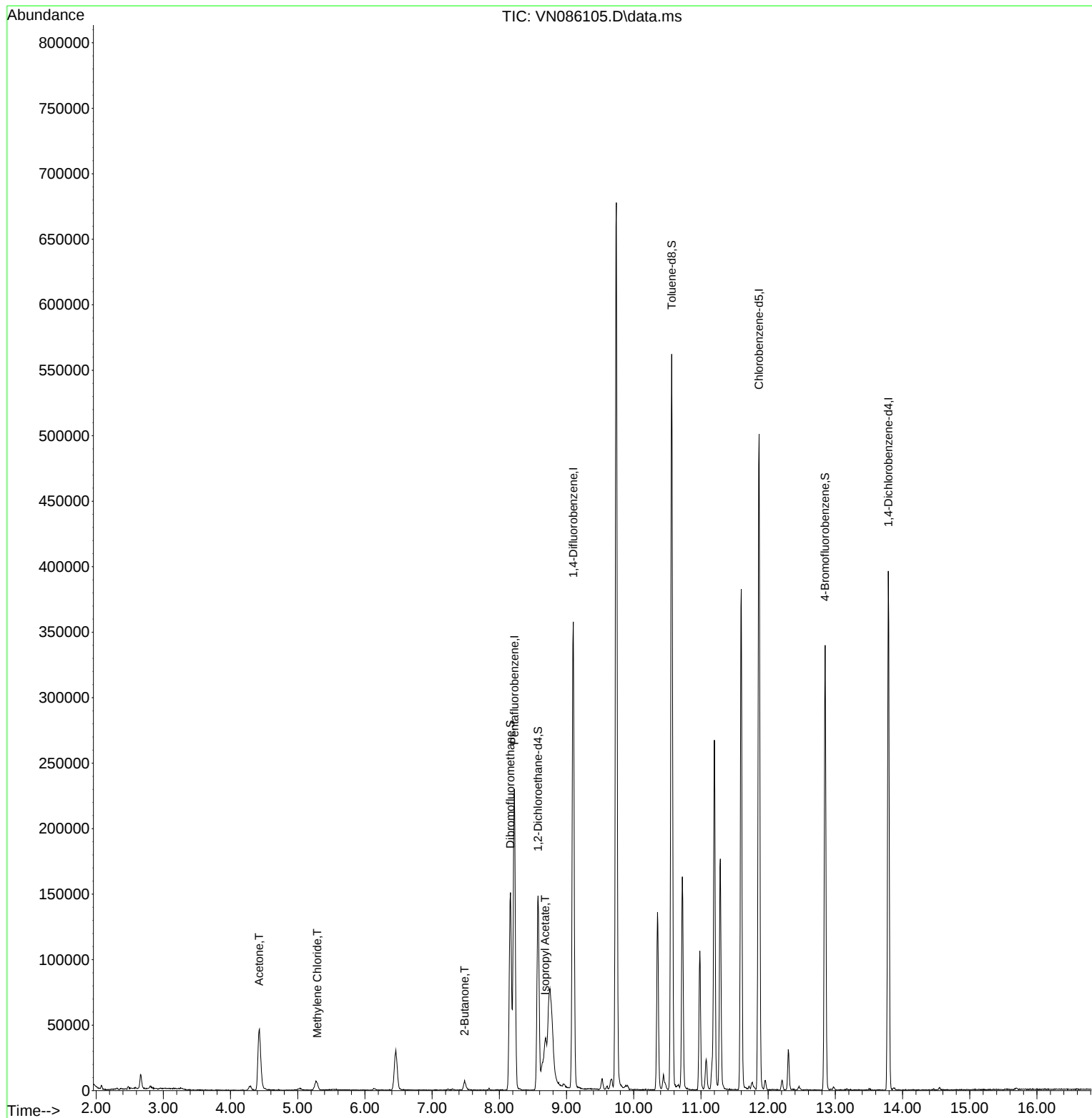
Internal Standards						
1) Pentafluorobenzene	8.224	168	165540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124797	55.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.100%
35) Dibromofluoromethane	8.165	113	109006	49.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	10.565	98	399803	49.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.847	95	119932	41.727	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.460%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	87770	126.738	ug/l	100
20) Methylene Chloride	5.289	84	6008	2.966	ug/l #	89
25) 2-Butanone	7.483	43	10796	10.804	ug/l	93
43) Isopropyl Acetate	8.683	43	53198	9.952	ug/l #	65

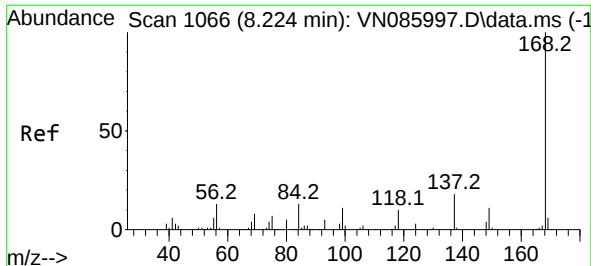
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
Data File : VN086105.D
Acq On : 25 Mar 2025 17:04
Operator : JC\MD
Sample : PB167276ZHE#10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#10

Quant Time: Mar 26 03:21:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

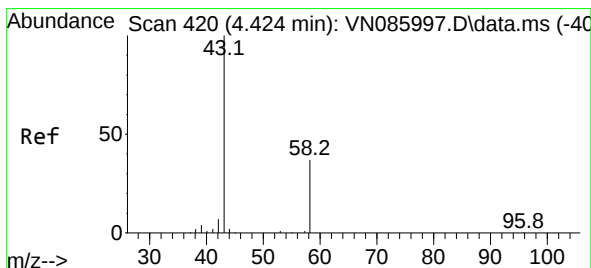
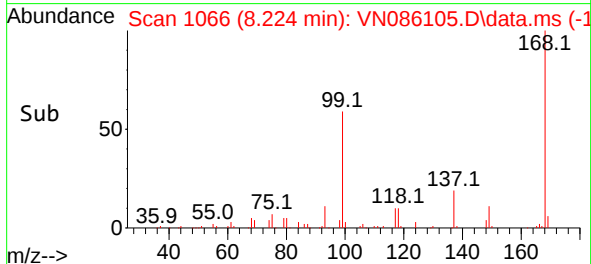
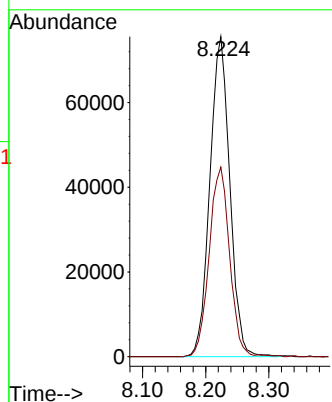
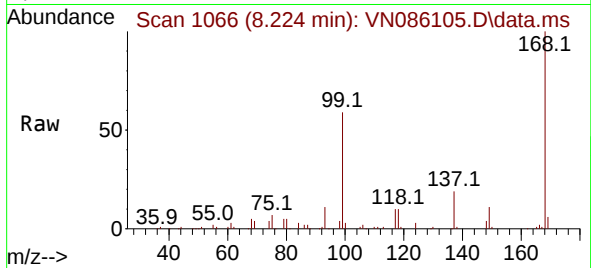




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

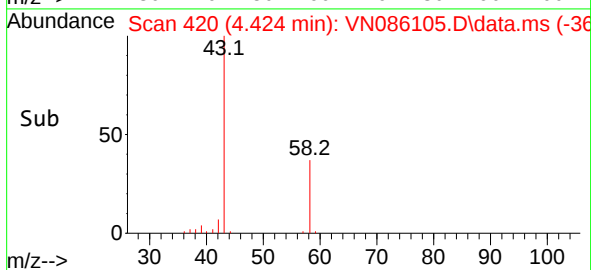
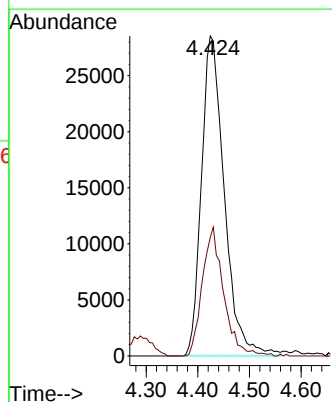
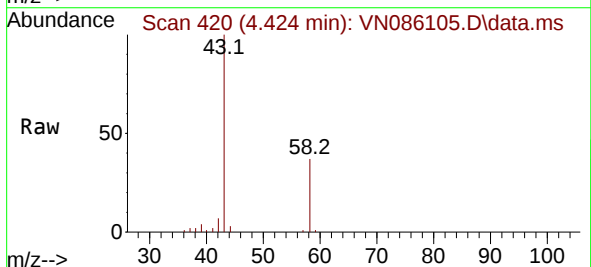
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#10

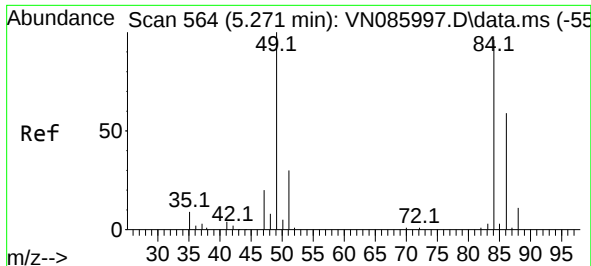
Tgt Ion:168 Resp: 165540
Ion Ratio Lower Upper
168 100
99 59.2 49.4 74.2



#16
Acetone
Concen: 126.738 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

Tgt Ion: 43 Resp: 87770
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.2

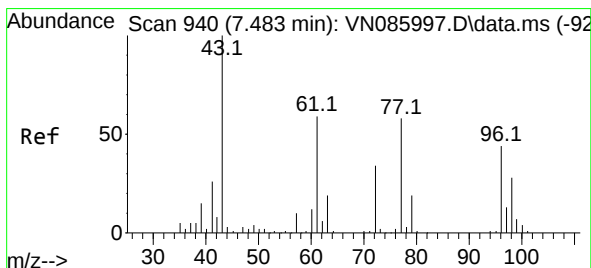
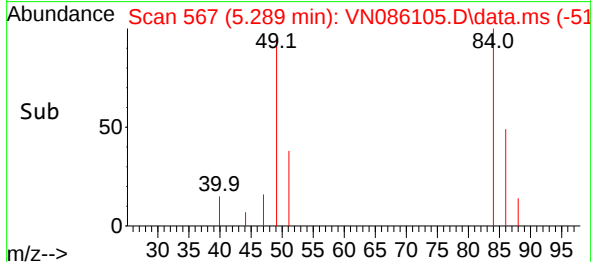
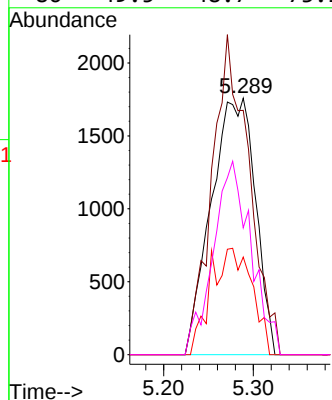
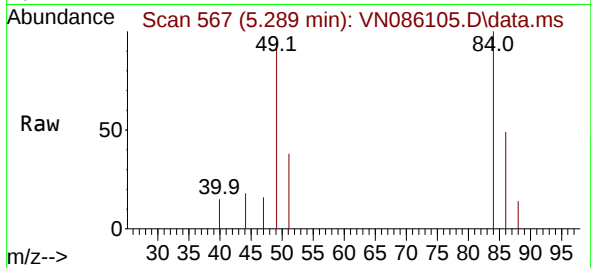




#20
Methylene Chloride
Concen: 2.966 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

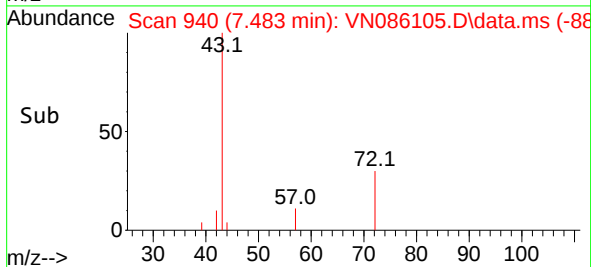
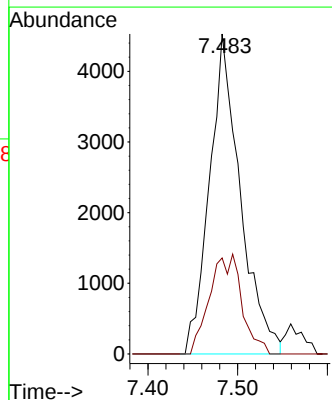
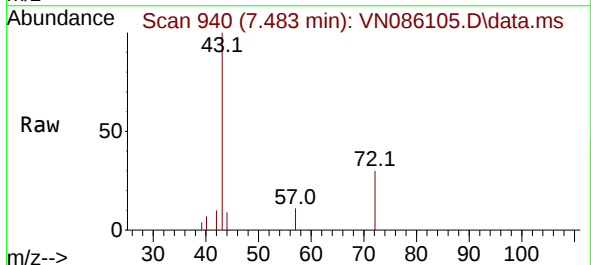
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#10

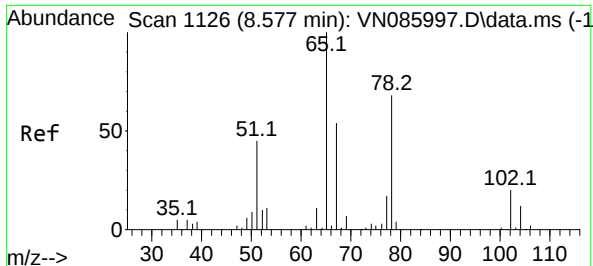
Tgt Ion:	84	Resp:	6008
Ion	Ratio	Lower	Upper
84	100		
49	95.2	83.3	124.9
51	38.0	24.8	37.2#
86	49.5	48.7	73.1



#25
2-Butanone
Concen: 10.804 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

Tgt Ion:	43	Resp:	10796
Ion	Ratio	Lower	Upper
43	100		
72	30.0	27.4	41.0





#33

1,2-Dichloroethane-d4

Concen: 55.054 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086105.D

Acq: 25 Mar 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

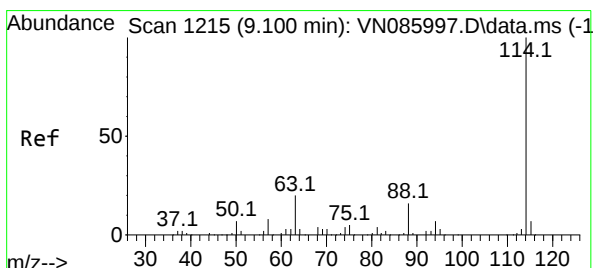
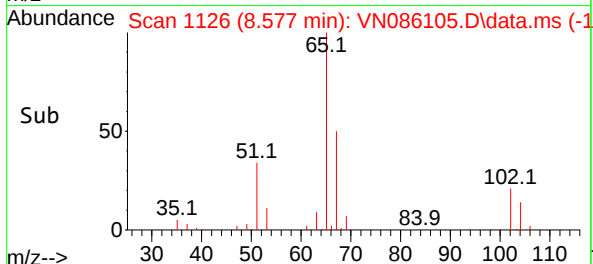
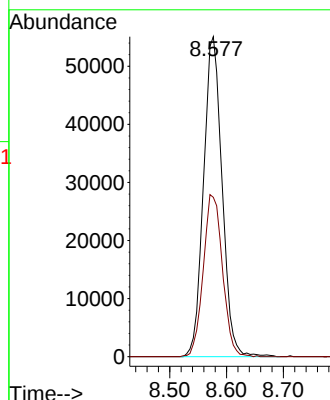
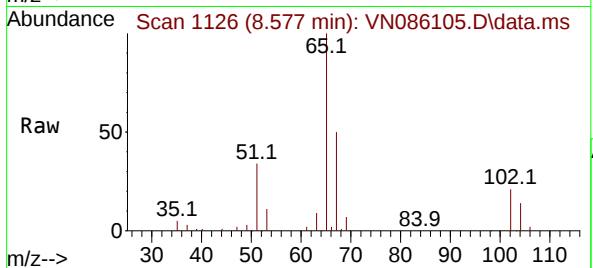
PB167276ZHE#10

Tgt Ion: 65 Resp: 124797

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086105.D

Acq: 25 Mar 2025 17:04

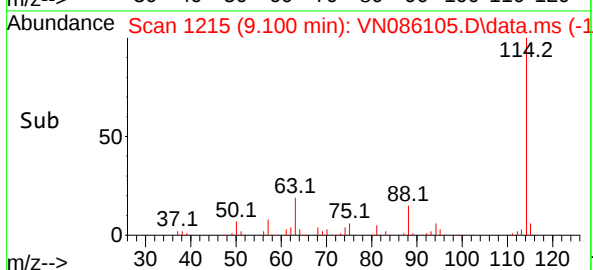
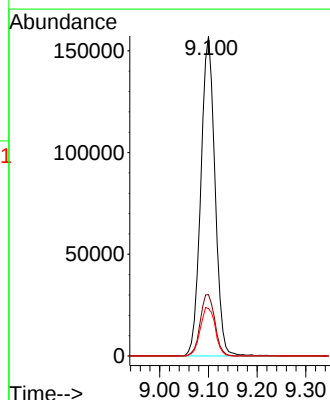
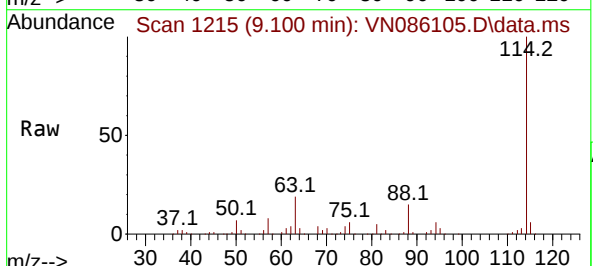
Tgt Ion: 114 Resp: 318148

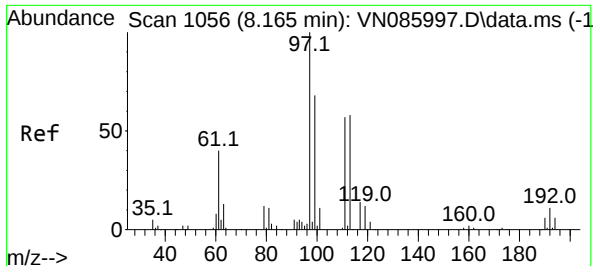
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 14.8 0.0 32.6

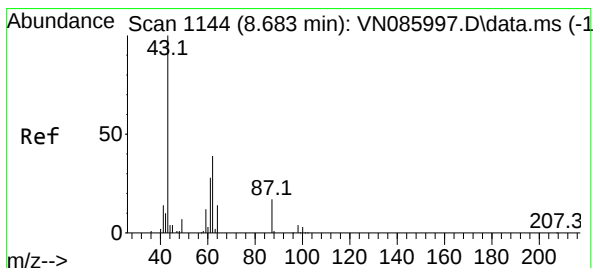
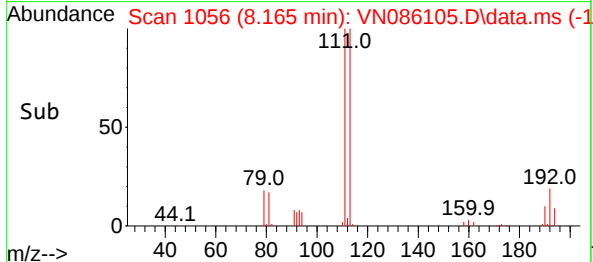
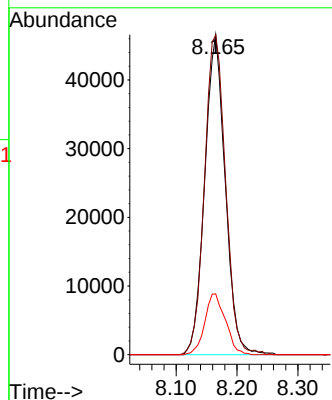
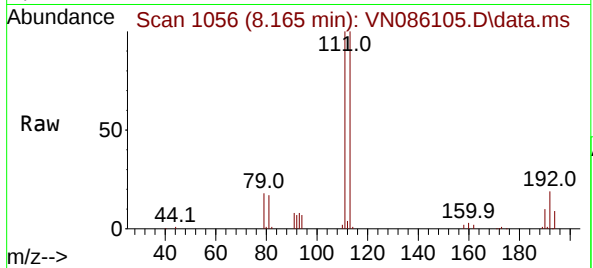




#35
Dibromofluoromethane
Concen: 49.088 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

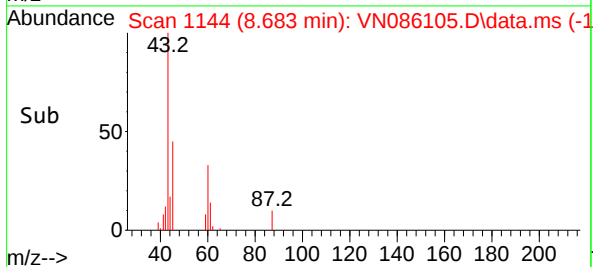
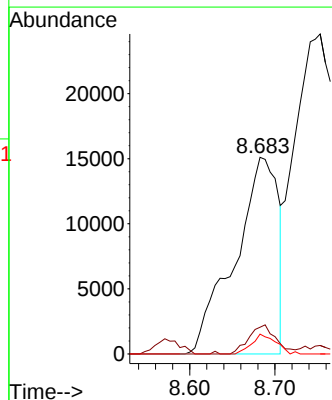
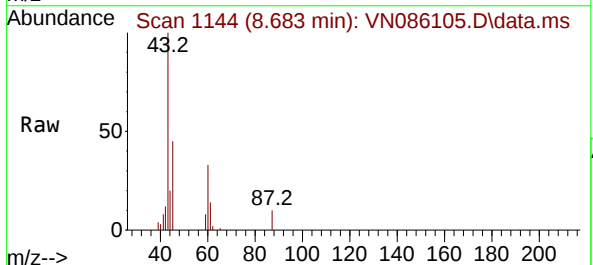
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#10

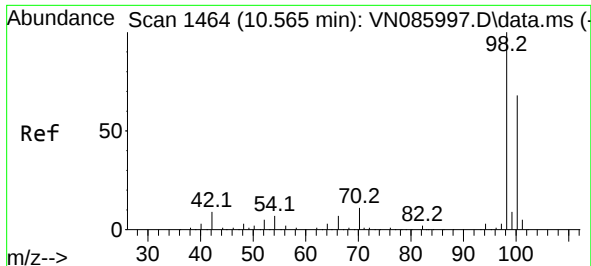
Tgt Ion:113 Resp: 109006
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 19.2 15.9 23.9



#43
Isopropyl Acetate
Concen: 9.952 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

Tgt Ion: 43 Resp: 53198
Ion Ratio Lower Upper
43 100
61 9.3 25.0 37.6#
87 5.6 13.0 19.4#

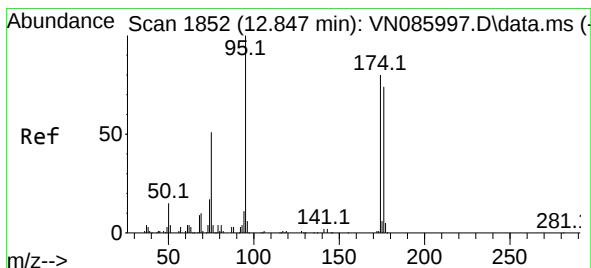
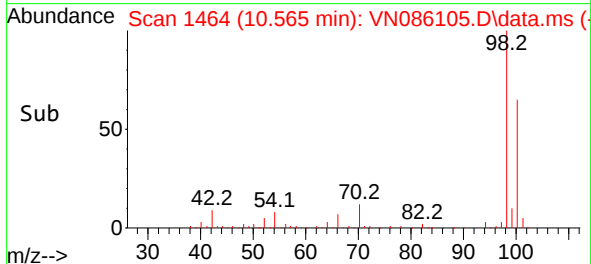
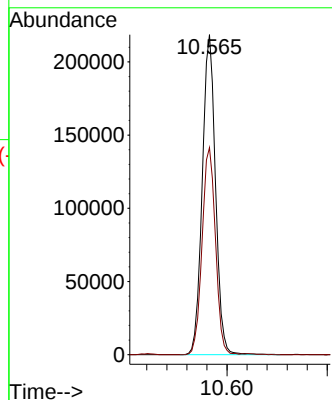
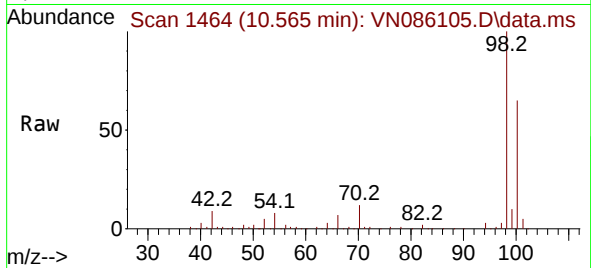




#50
Toluene-d8
Concen: 49.607 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

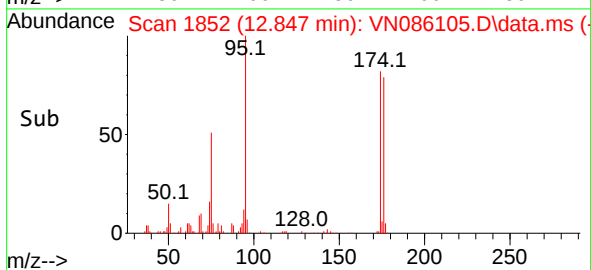
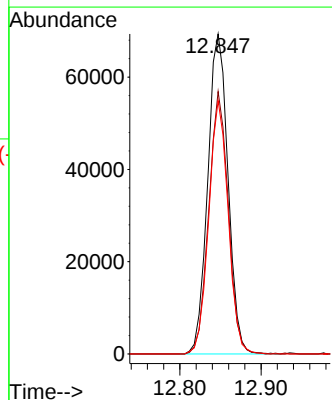
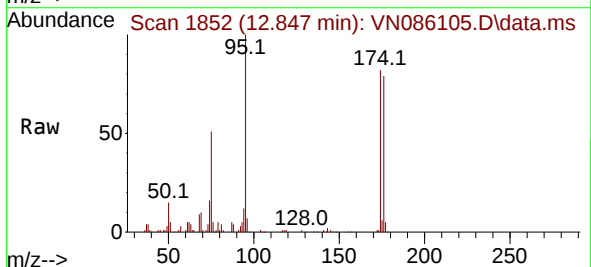
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#10

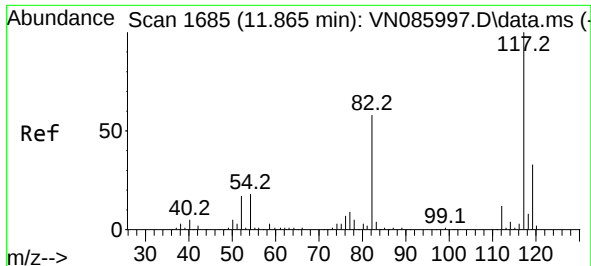
Tgt Ion: 98 Resp: 399803
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 41.727 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

Tgt Ion: 95 Resp: 119932
Ion Ratio Lower Upper
95 100
174 79.1 0.0 156.8
176 75.9 0.0 152.2

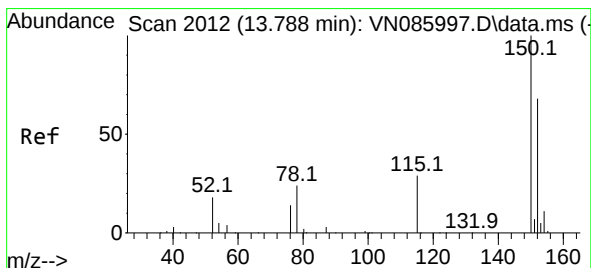
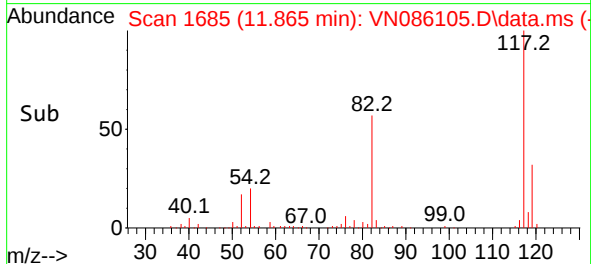
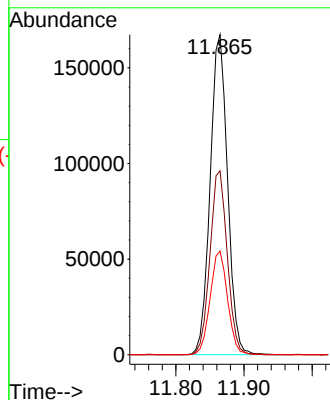
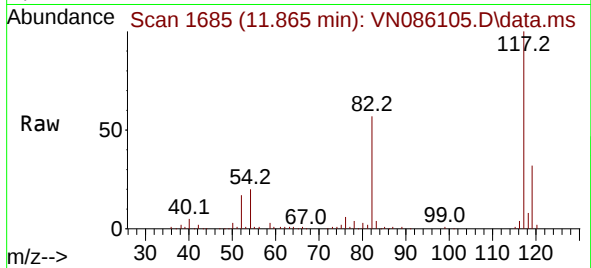




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#10

Tgt Ion:117 Resp: 296869
Ion Ratio Lower Upper
117 100
82 57.5 46.7 70.1
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086105.D
Acq: 25 Mar 2025 17:04

Tgt Ion:152 Resp: 109871
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.2
150 158.5 0.0 359.6

