

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086100.D
 Acq On : 25 Mar 2025 15:04
 Operator : JC\MD
 Sample : PB167276ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167276ZHE#05

Quant Time: Mar 26 03:18:45 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)

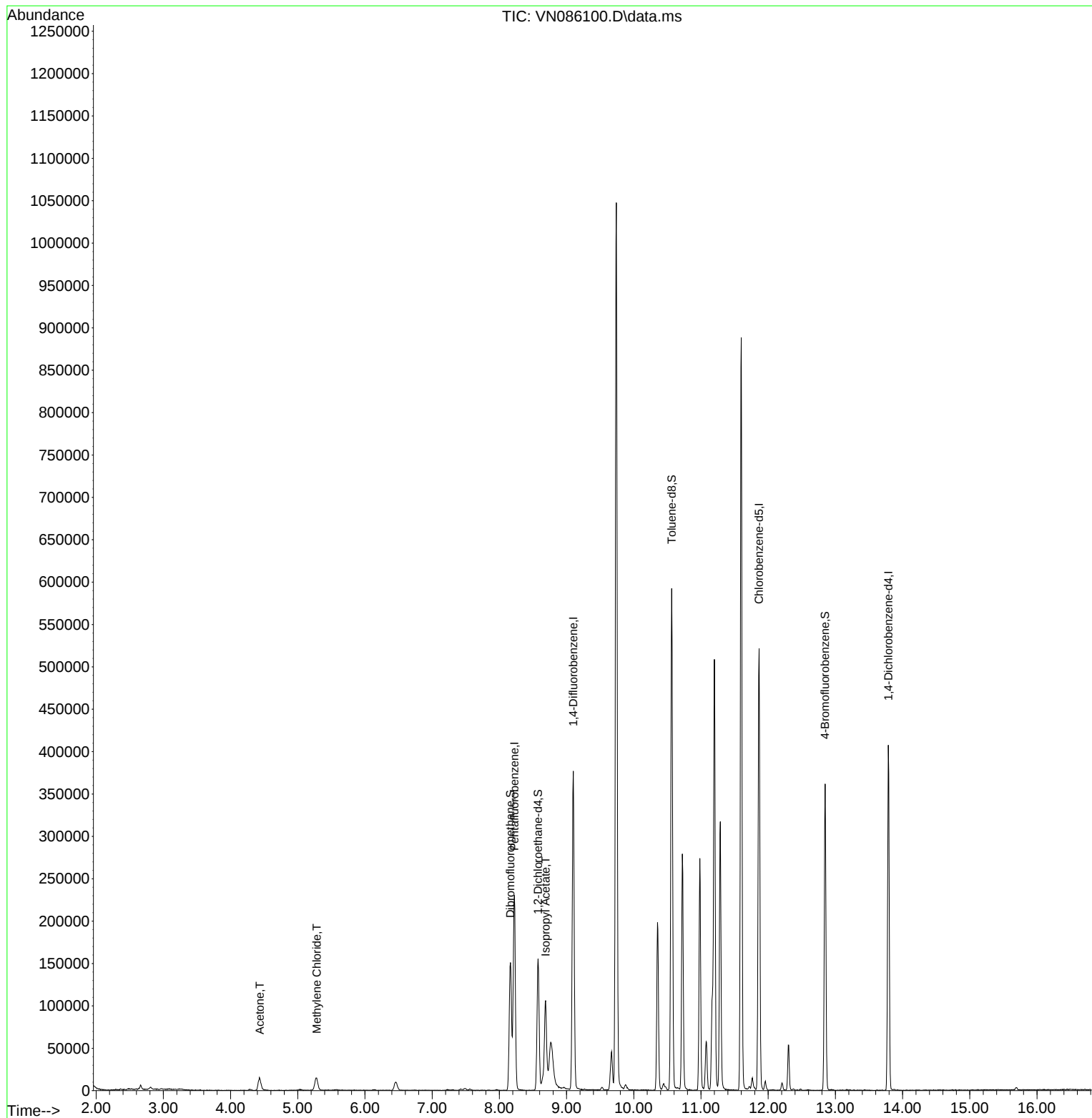
Internal Standards						
1) Pentafluorobenzene	8.224	168	169018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127525	55.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.200%
35) Dibromofluoromethane	8.165	113	112745	49.710	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.420%
50) Toluene-d8	10.565	98	424957	51.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.847	95	128757	43.861	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.720%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	28512	40.324	ug/l	98
20) Methylene Chloride	5.283	84	13063	6.315	ug/l	94
43) Isopropyl Acetate	8.688	43	122915	22.513	ug/l #	82

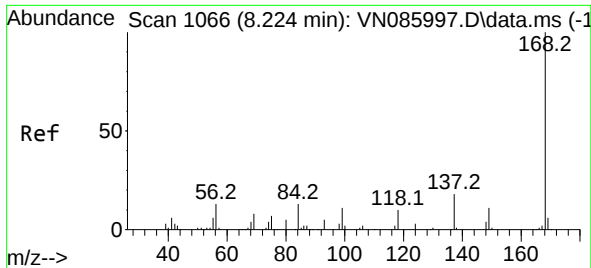
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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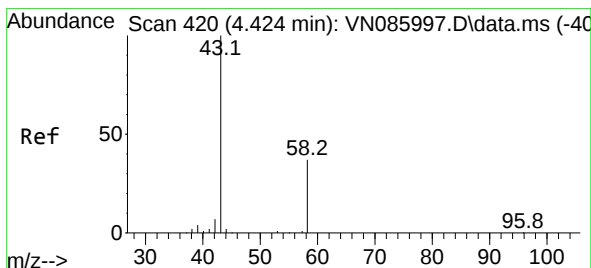
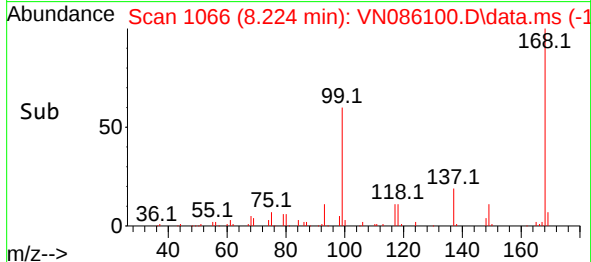
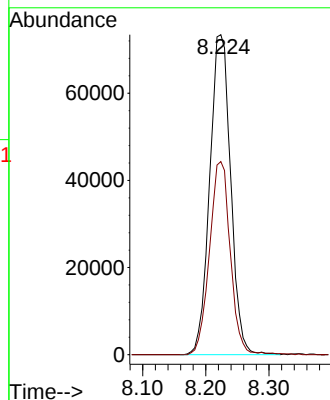
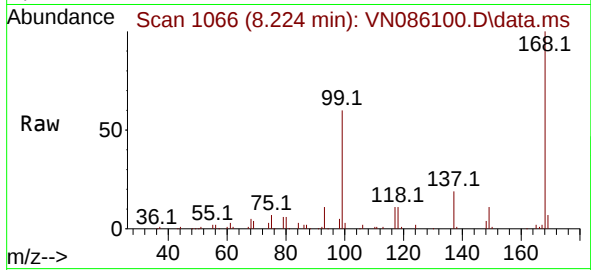




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086100.D
Acq: 25 Mar 2025 15:04

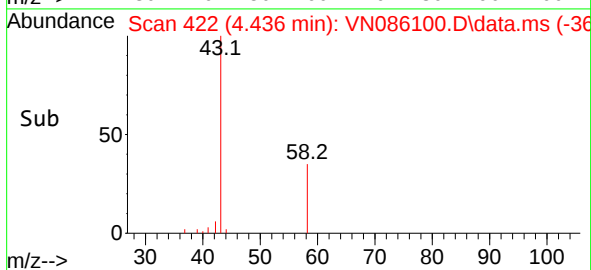
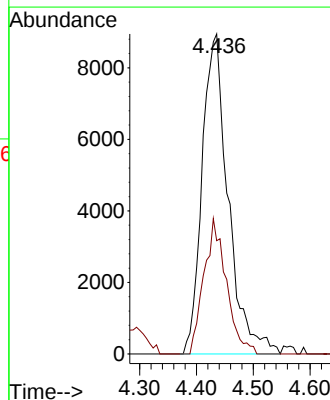
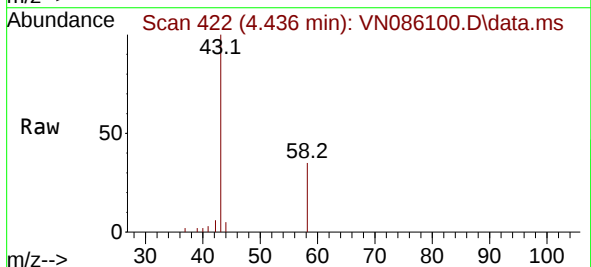
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#05

Tgt Ion:168 Resp: 169018
Ion Ratio Lower Upper
168 100
99 60.4 49.4 74.2



#16
Acetone
Concen: 40.324 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086100.D
Acq: 25 Mar 2025 15:04

Tgt Ion: 43 Resp: 28512
Ion Ratio Lower Upper
43 100
58 35.4 29.4 44.2





#20

Methylene Chloride

Concen: 6.315 ug/l

RT: 5.283 min Scan# 5

Delta R.T. 0.012 min

Lab File: VN086100.D

Acq: 25 Mar 2025 15:04

Instrument :

MSVOA_N

ClientSampleId :

PB167276ZHE#05

Tgt Ion: 84 Resp: 13063

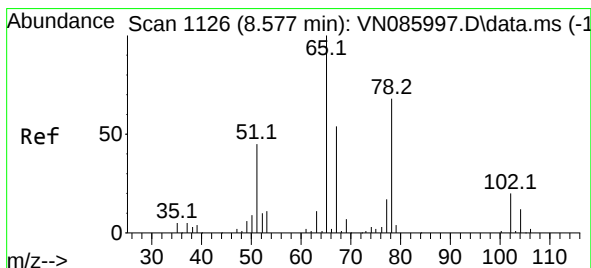
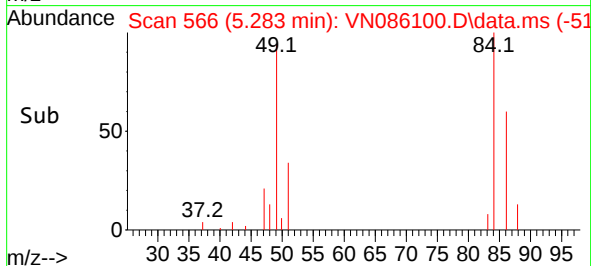
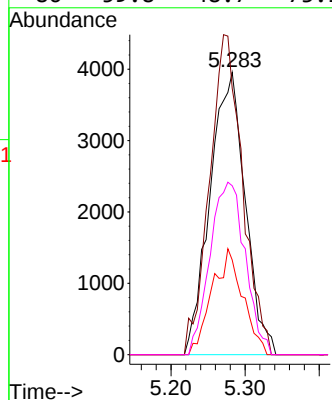
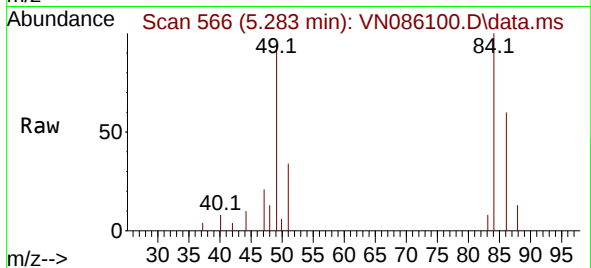
Ion Ratio Lower Upper

84 100

49 94.4 83.3 124.9

51 33.5 24.8 37.2

86 59.8 48.7 73.1



#33

1,2-Dichloroethane-d4

Concen: 55.100 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086100.D

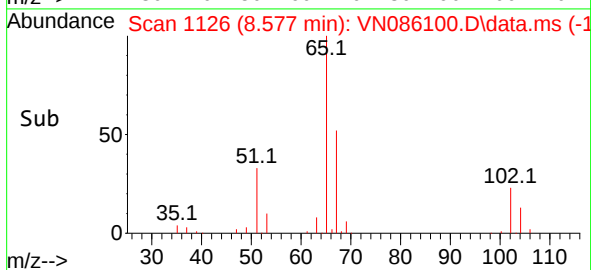
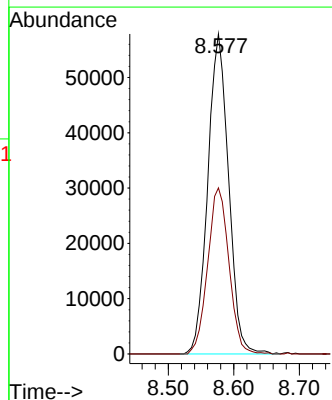
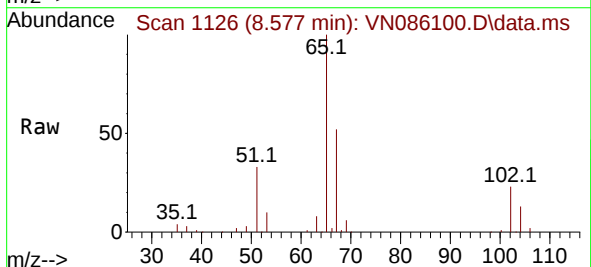
Acq: 25 Mar 2025 15:04

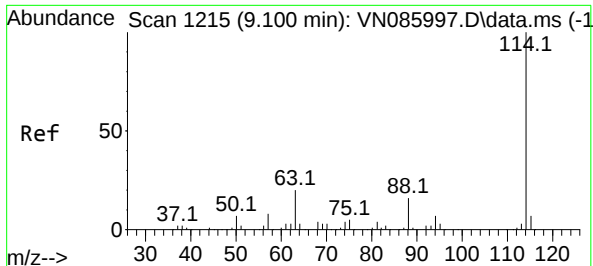
Tgt Ion: 65 Resp: 127525

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.2

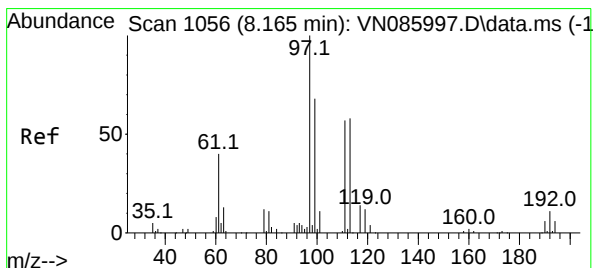
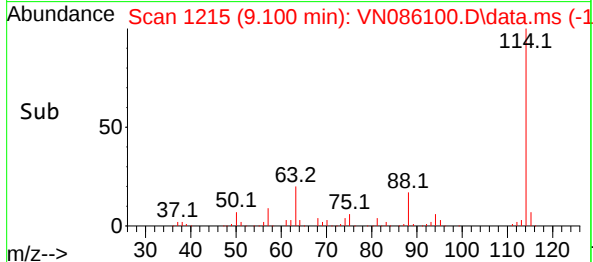
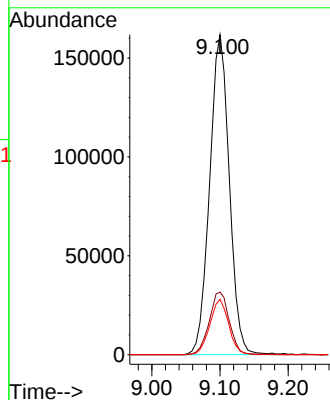
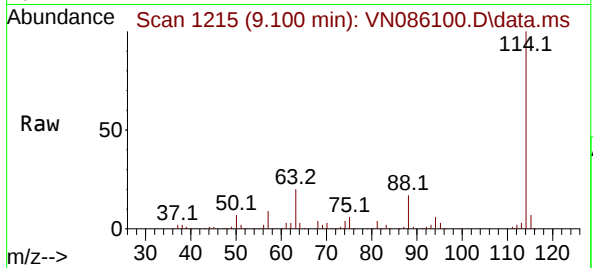




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086100.D
Acq: 25 Mar 2025 15:04

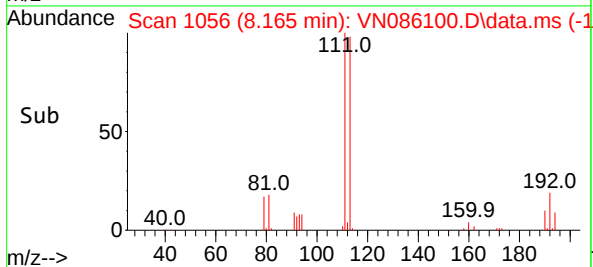
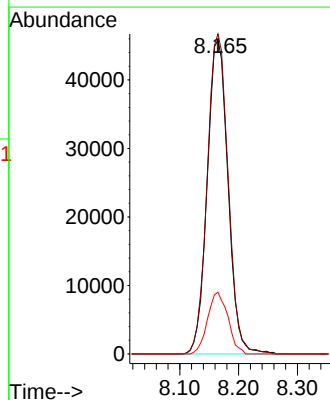
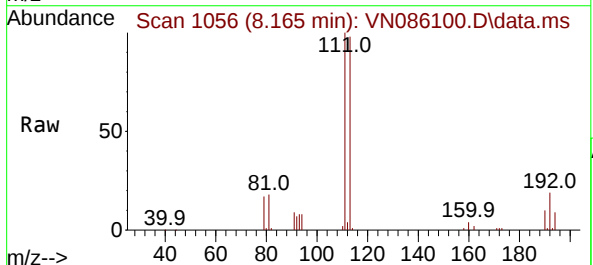
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#05

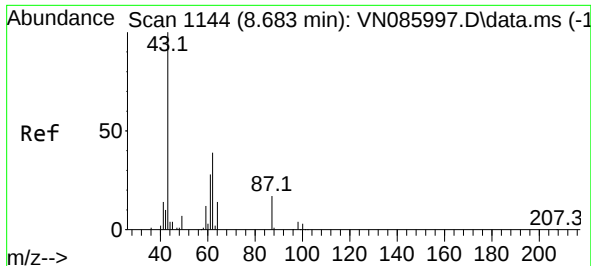
Tgt Ion:114 Resp: 324941
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.710 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086100.D
Acq: 25 Mar 2025 15:04

Tgt Ion:113 Resp: 112745
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 19.2 15.9 23.9

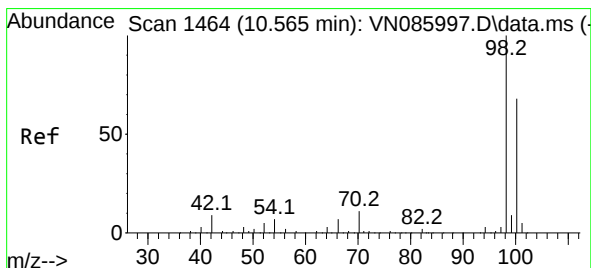
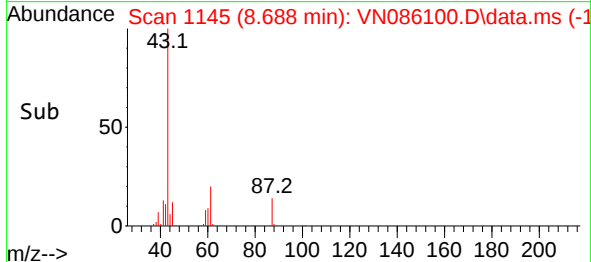
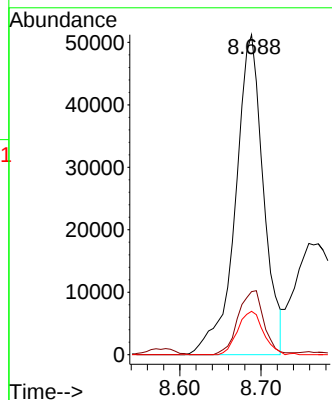
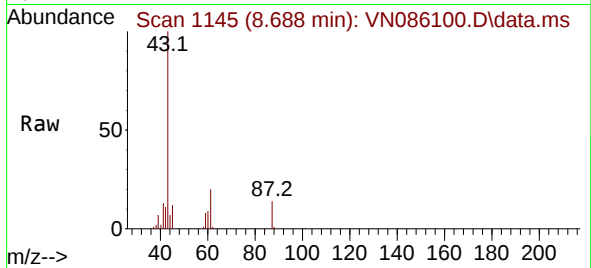




#43
Isopropyl Acetate
Concen: 22.513 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN086100.D
Acq: 25 Mar 2025 15:04

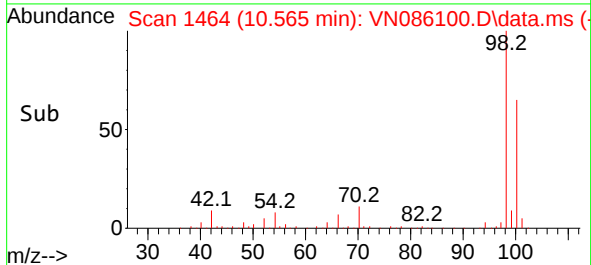
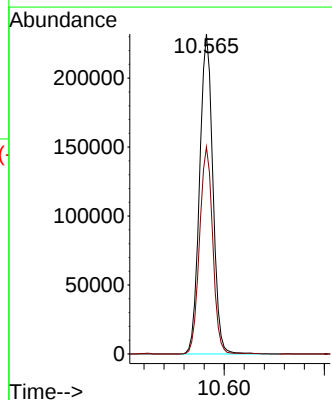
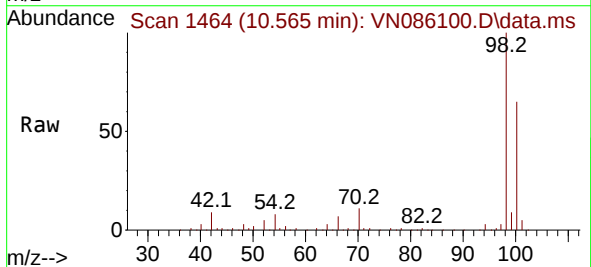
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#05

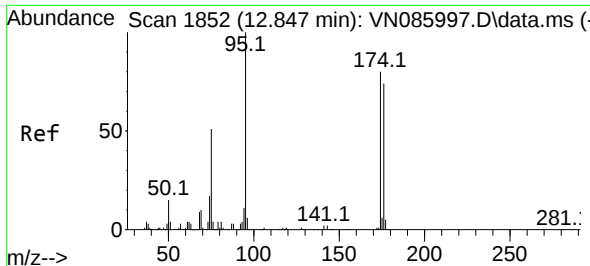
Tgt Ion: 43 Resp: 122915
Ion Ratio Lower Upper
43 100
61 18.4 25.0 37.6#
87 12.4 13.0 19.4#



#50
Toluene-d8
Concen: 51.626 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086100.D
Acq: 25 Mar 2025 15:04

Tgt Ion: 98 Resp: 424957
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

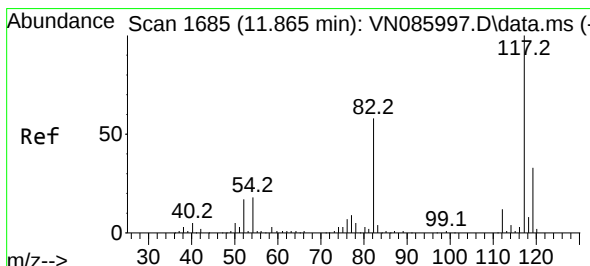
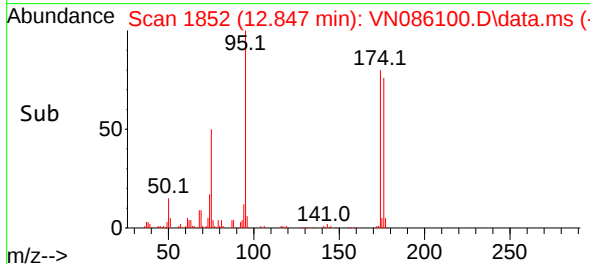
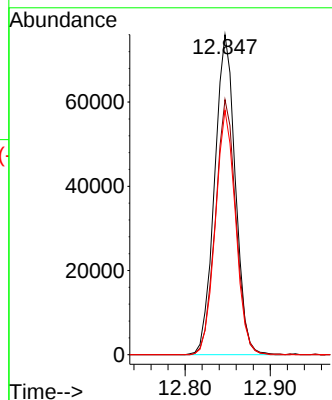
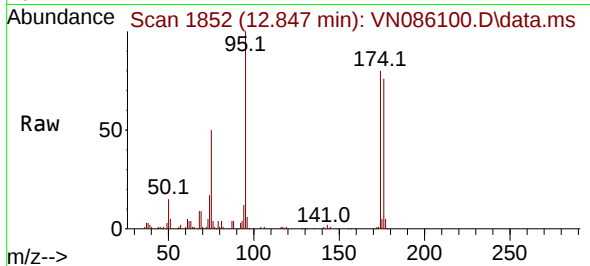




#62
4-Bromofluorobenzene
Concen: 43.861 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086100.D
Acq: 25 Mar 2025 15:04

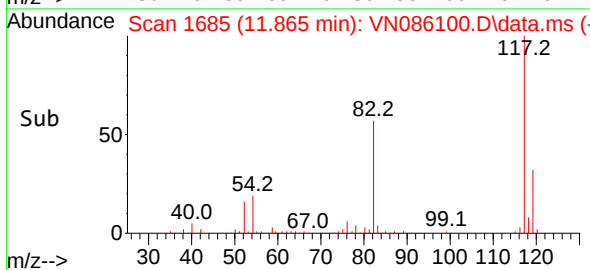
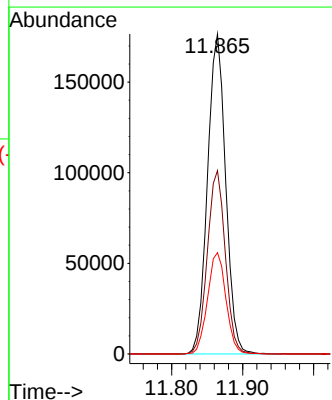
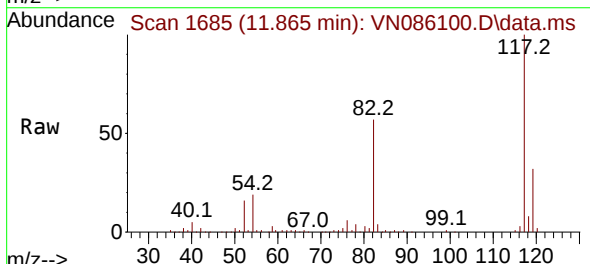
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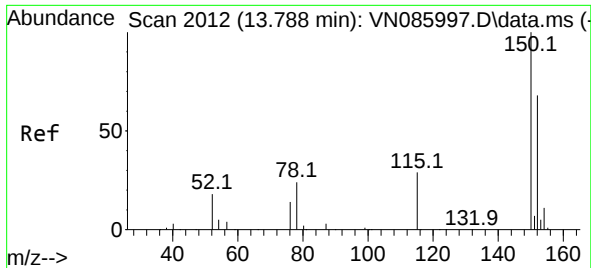
Tgt Ion: 95 Resp: 128757
Ion Ratio Lower Upper
95 100
174 79.0 0.0 156.8
176 74.5 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086100.D
Acq: 25 Mar 2025 15:04

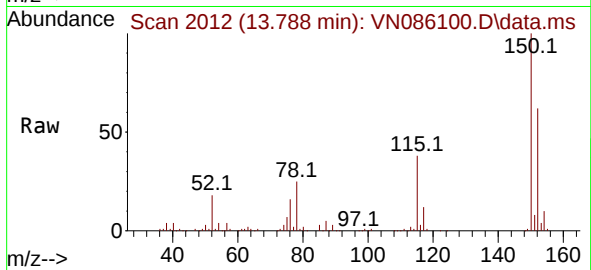
Tgt Ion: 117 Resp: 313359
Ion Ratio Lower Upper
117 100
82 57.3 46.7 70.1
119 31.6 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086100.D
 Acq: 25 Mar 2025 15:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167276ZHE#05



Tgt Ion:152 Resp: 115628
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.1 93.2
 150 158.1 0.0 359.6

