

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088203.D
 Acq On : 06 Nov 2025 14:08
 Operator : JC\MD
 Sample : Q3544-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ONYX-1

Quant Time: Nov 07 02:19:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

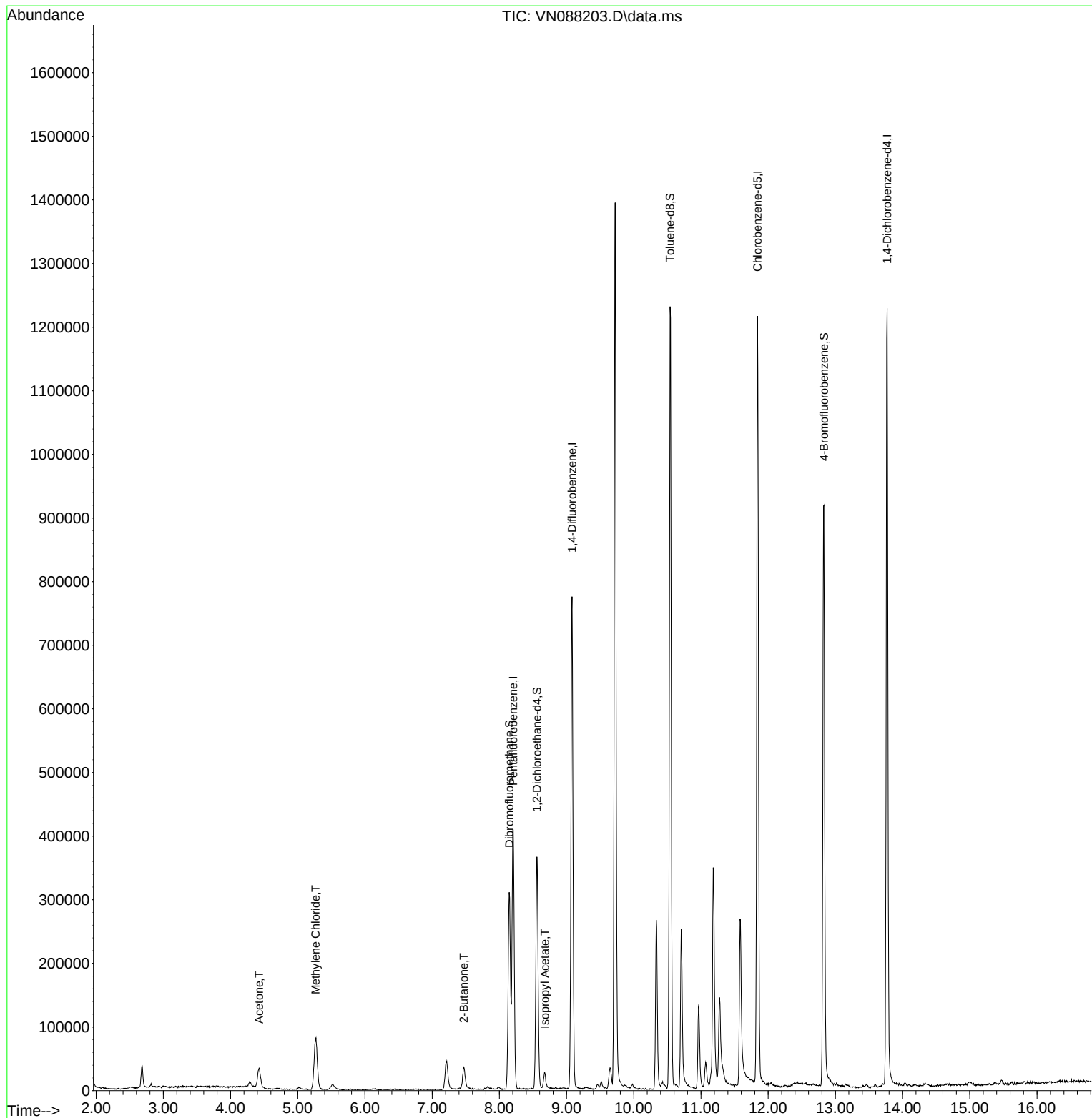
Internal Standards						
1) Pentafluorobenzene	8.206	168	276551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	642269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	640188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	323335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	306601	64.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.220%#			
35) Dibromofluoromethane	8.147	113	222449	51.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	10.541	98	826826	49.732	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.829	95	353966	60.285	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 120.560%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	62617	26.063	ug/l	97
20) Methylene Chloride	5.265	84	62952	15.610	ug/l	100
25) 2-Butanone	7.471	43	64070	20.236	ug/l	94
43) Isopropyl Acetate	8.677	43	31032	2.484	ug/l	94

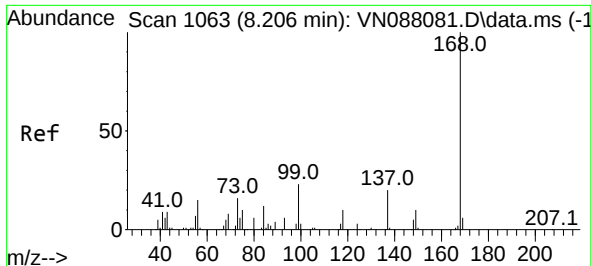
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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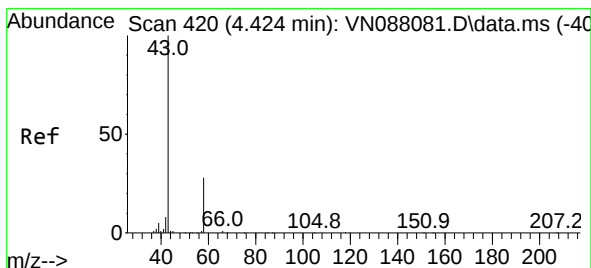
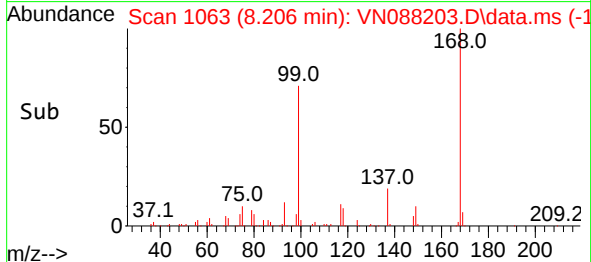
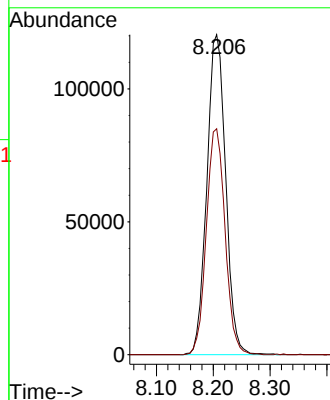
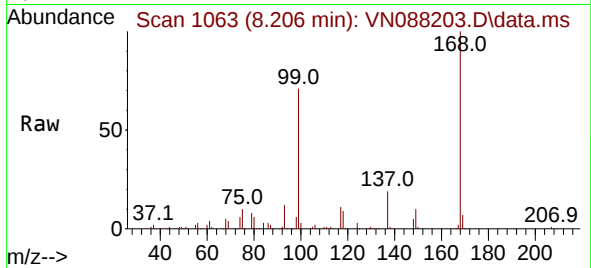




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

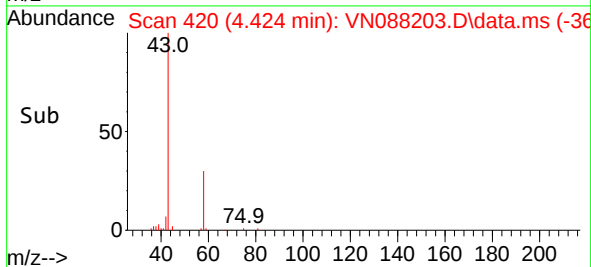
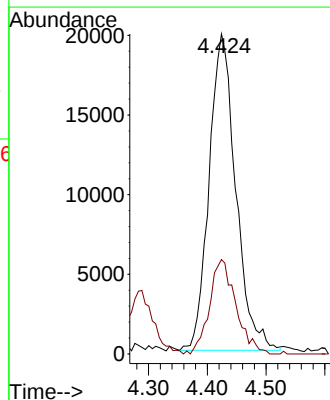
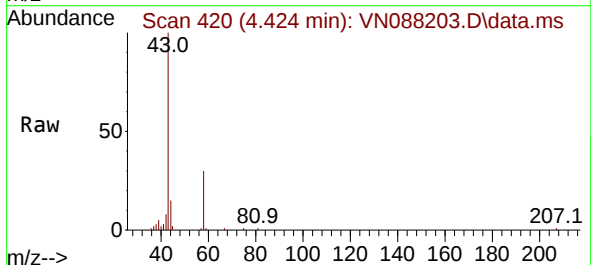
Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

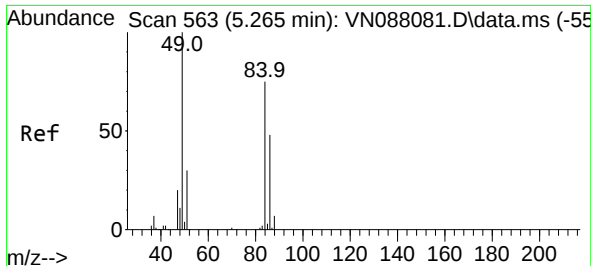
Tgt Ion:168 Resp: 276551
Ion Ratio Lower Upper
168 100
99 70.6 57.2 85.8



#16
Acetone
Concen: 26.063 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

Tgt Ion: 43 Resp: 62617
Ion Ratio Lower Upper
43 100
58 29.9 22.6 33.8

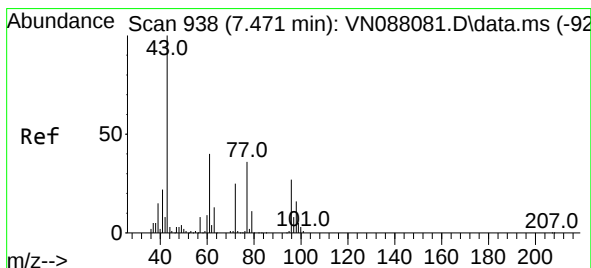
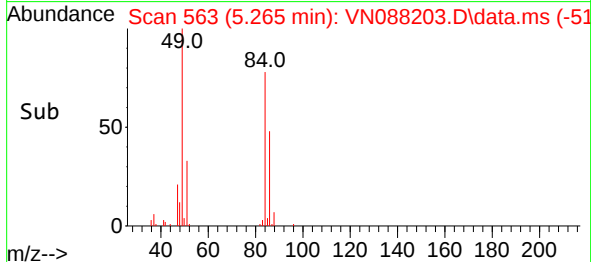
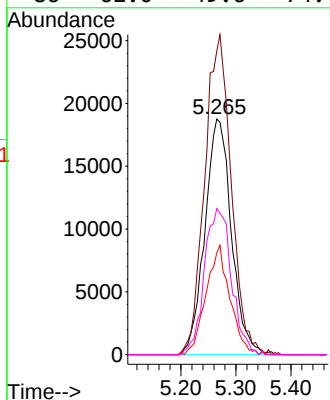
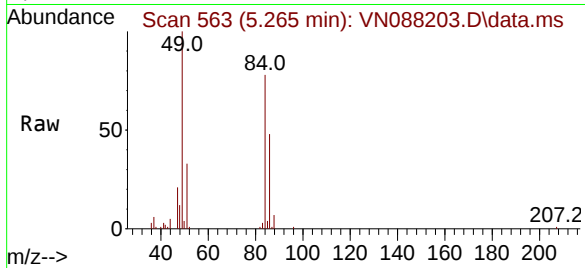




#20
Methylene Chloride
Concen: 15.610 ug/l
RT: 5.265 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

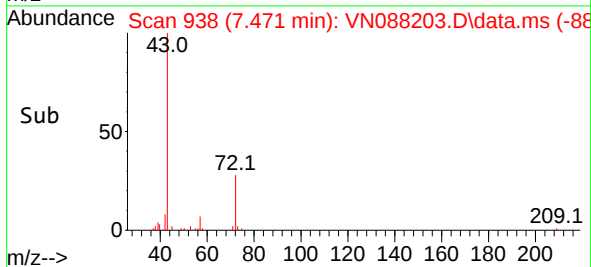
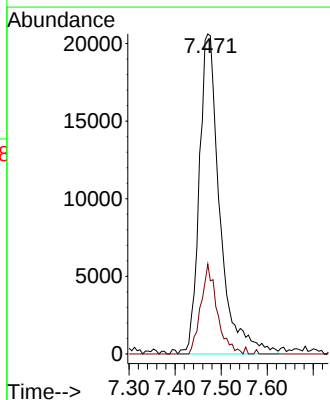
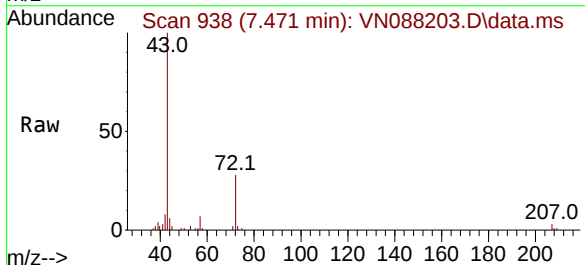
Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

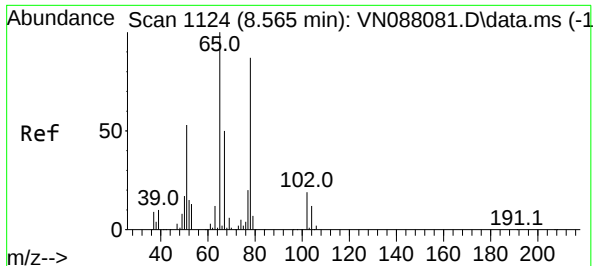
Tgt Ion:	84	Resp:	62952
Ion	Ratio	Lower	Upper
84	100		
49	128.8	103.4	155.2
51	43.1	33.8	50.8
86	62.0	49.6	74.4



#25
2-Butanone
Concen: 20.236 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

Tgt Ion:	43	Resp:	64070
Ion	Ratio	Lower	Upper
43	100		
72	28.1	19.9	29.9





#33

1,2-Dichloroethane-d4

Concen: 64.114 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088203.D

Acq: 06 Nov 2025 14:08

Instrument :

MSVOA_N

ClientSampleId :

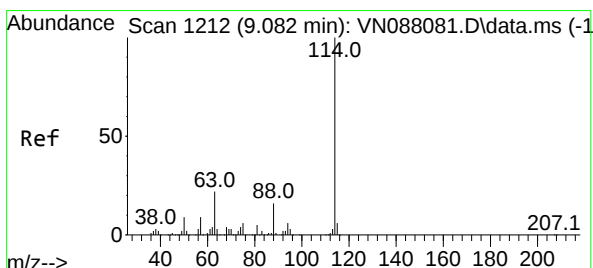
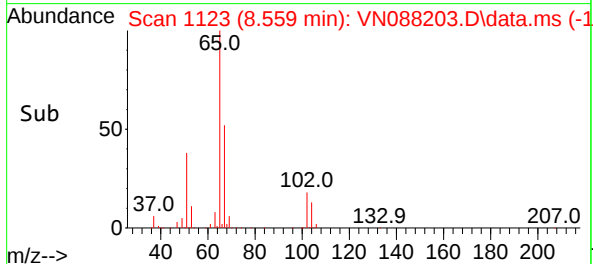
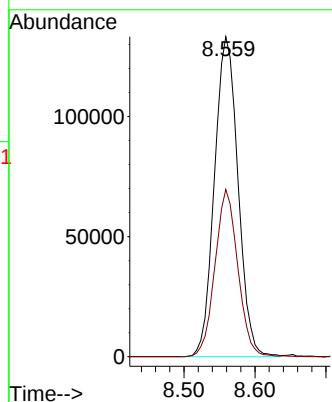
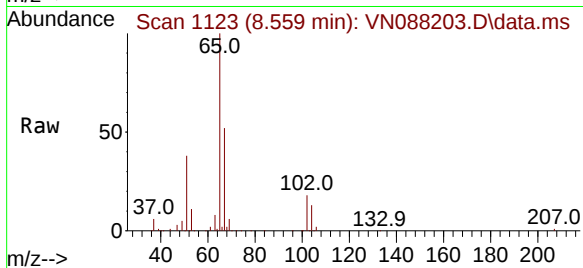
ONYX-1

Tgt Ion: 65 Resp: 306601

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088203.D

Acq: 06 Nov 2025 14:08

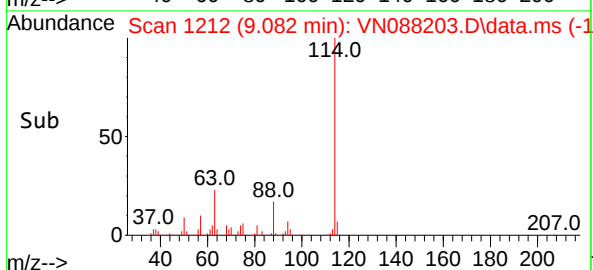
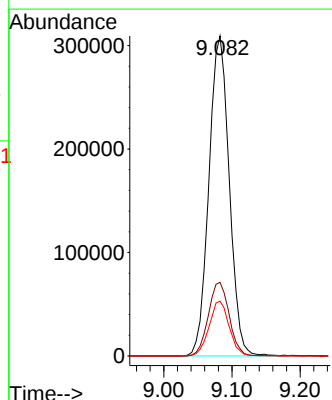
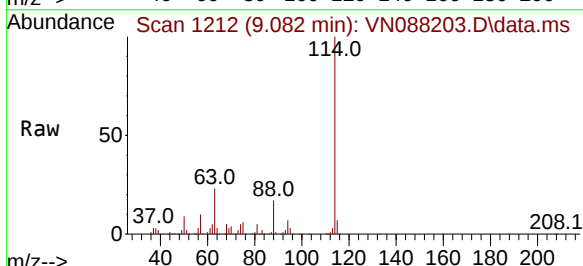
Tgt Ion: 114 Resp: 642269

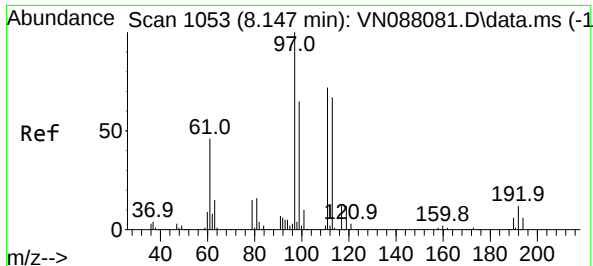
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

88 17.1 0.0 33.4

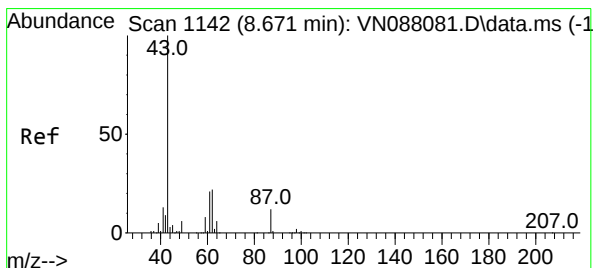
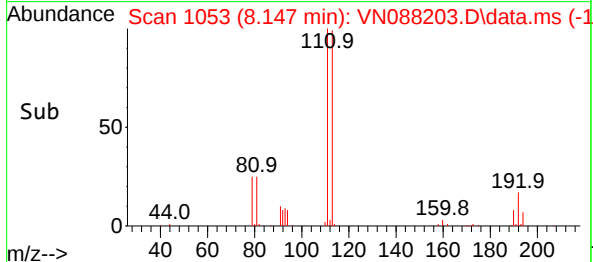
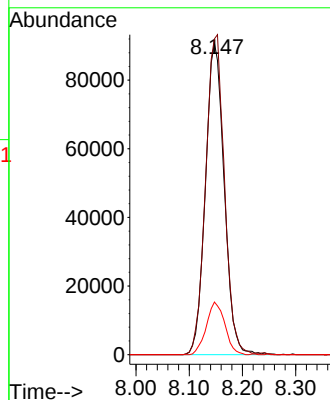
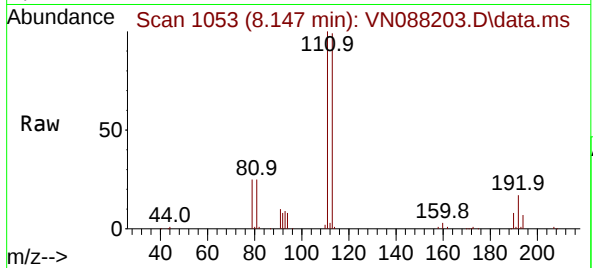




#35
Dibromofluoromethane
Concen: 51.555 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

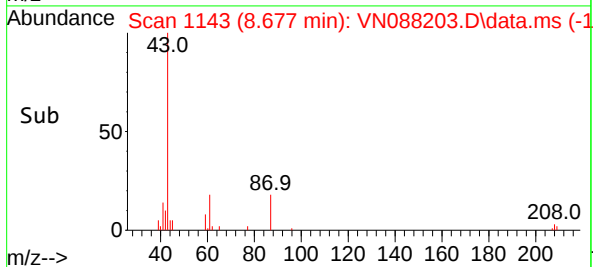
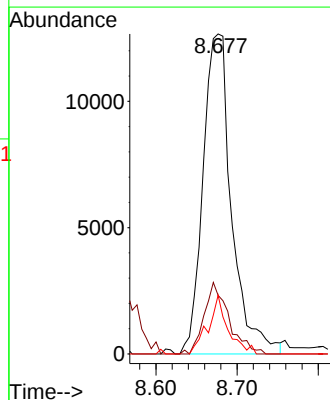
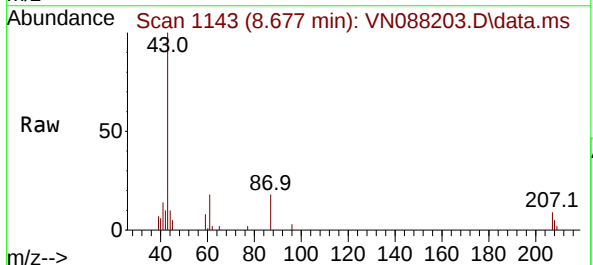
Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

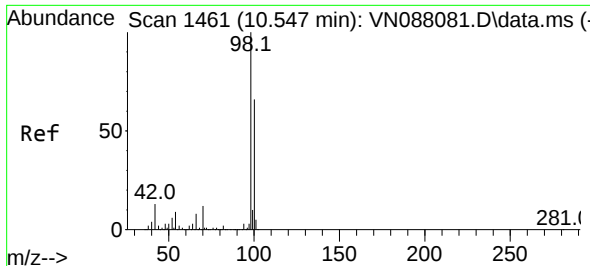
Tgt Ion:113 Resp: 222449
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 16.7 12.8 19.2



#43
Isopropyl Acetate
Concen: 2.484 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

Tgt Ion: 43 Resp: 31032
Ion Ratio Lower Upper
43 100
61 19.3 18.8 28.2
87 12.7 9.6 14.4

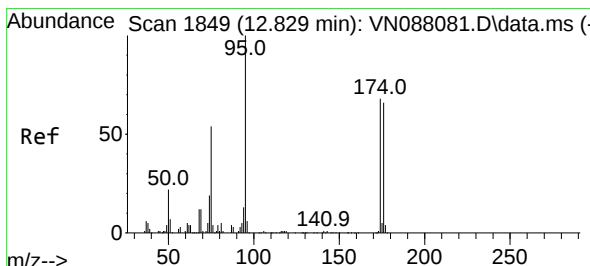
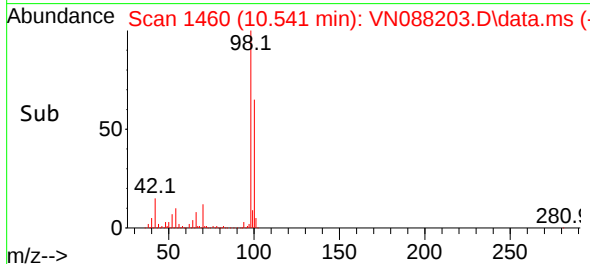
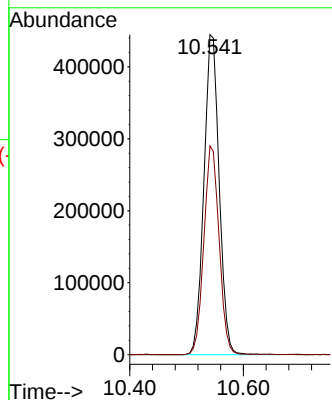
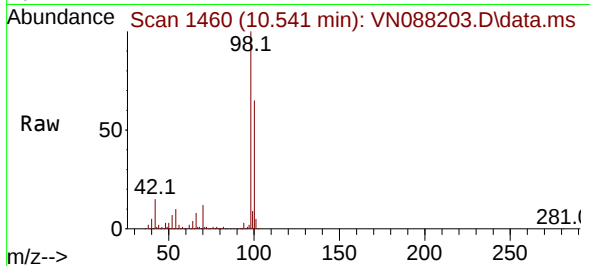




#50
Toluene-d8
Concen: 49.732 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

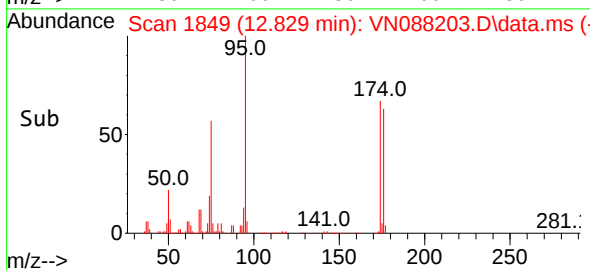
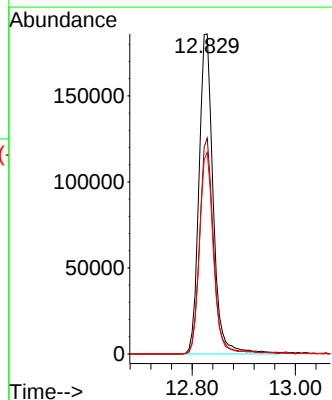
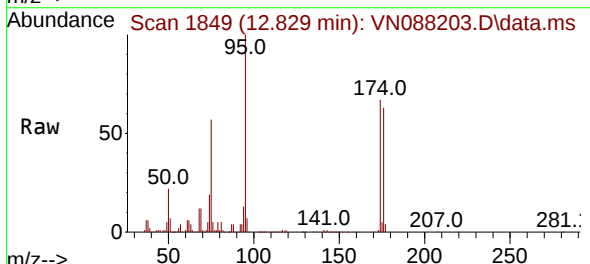
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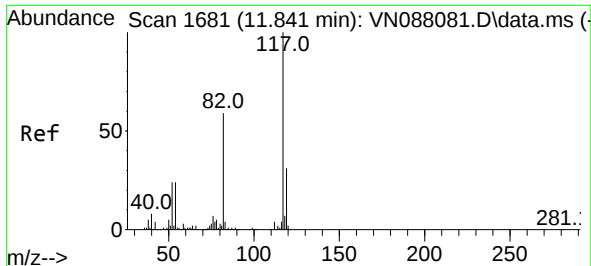
Tgt Ion: 98 Resp: 826826
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 60.285 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

Tgt Ion: 95 Resp: 353966
Ion Ratio Lower Upper
95 100
174 65.9 0.0 138.4
176 62.3 0.0 132.6

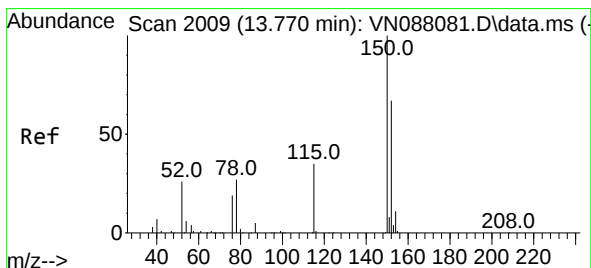
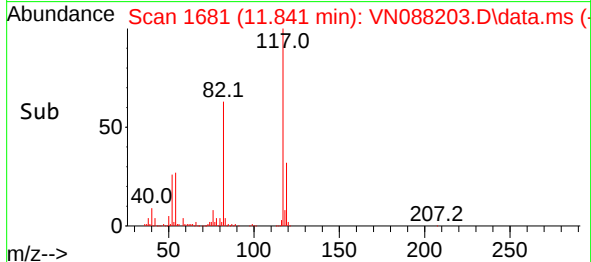
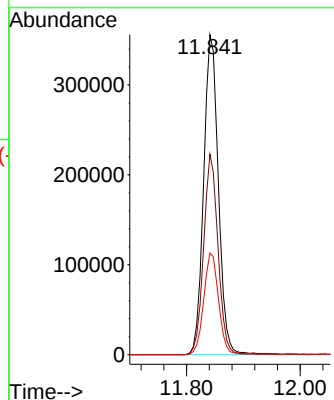
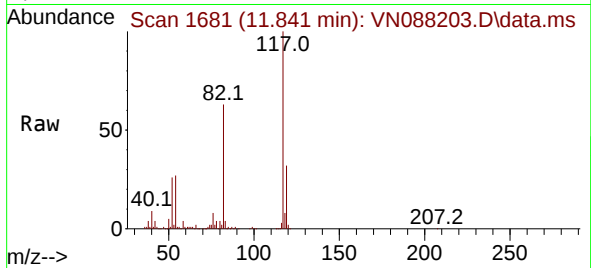




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion:117 Resp: 640188
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 31.7 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088203.D
Acq: 06 Nov 2025 14:08

Tgt Ion:152 Resp: 323335
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 158.6 0.0 351.0

