

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
 Data File : VN088228.D
 Acq On : 07 Nov 2025 13:09
 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 08 01:55:36 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)

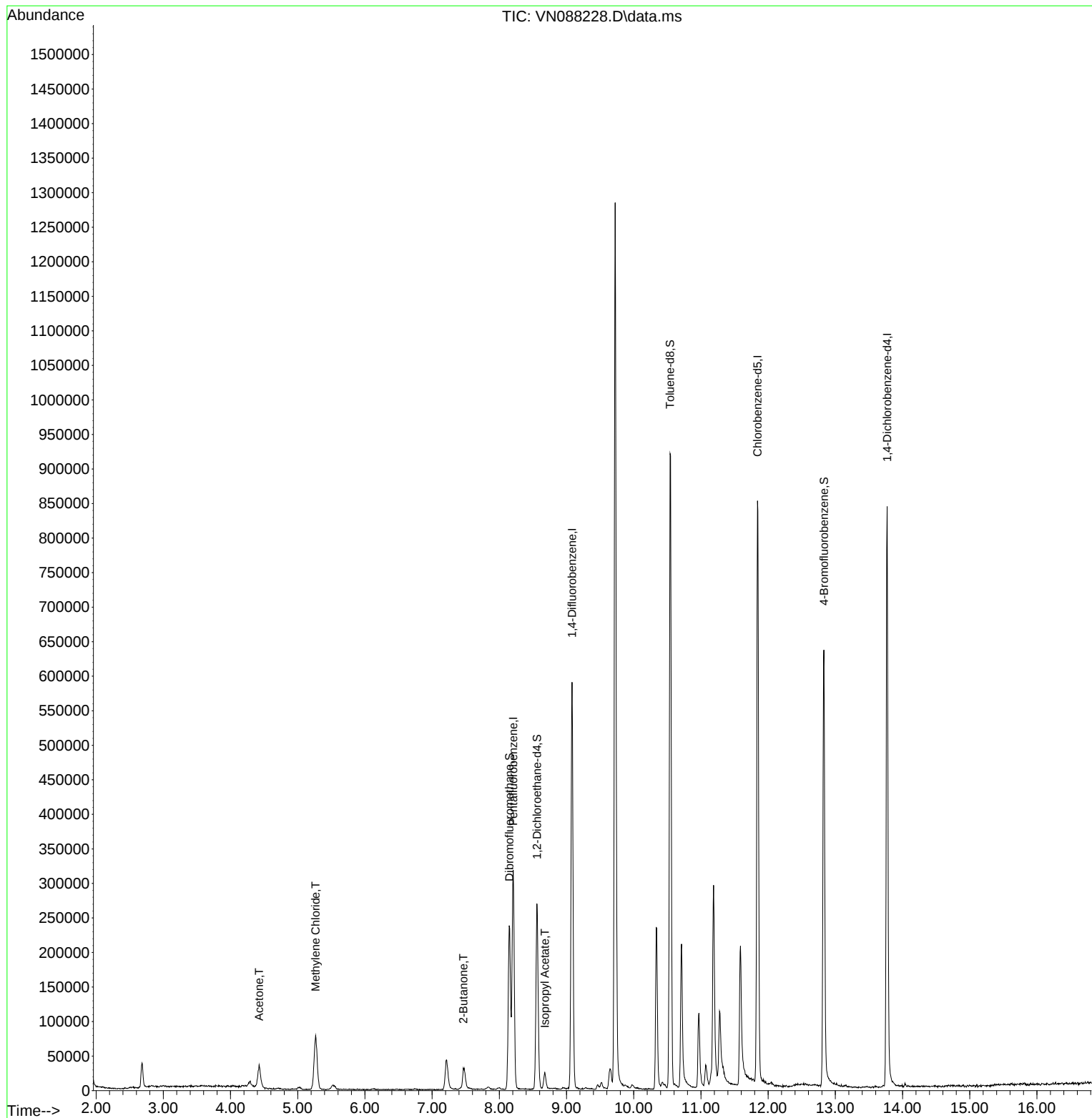
Internal Standards						
1) Pentafluorobenzene	8.206	168	213890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	489924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	466345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	223176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	223219	60.352	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 120.700%		
35) Dibromofluoromethane	8.147	113	169107	51.379	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.760%		
50) Toluene-d8	10.541	98	625158	49.295	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.580%		
62) 4-Bromofluorobenzene	12.829	95	236102	52.715	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.440%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	60540	32.581	ug/l	96
20) Methylene Chloride	5.265	84	58564	18.776	ug/l	95
25) 2-Butanone	7.465	43	57396	23.439	ug/l	95
43) Isopropyl Acetate	8.677	43	29991	3.147	ug/l #	89

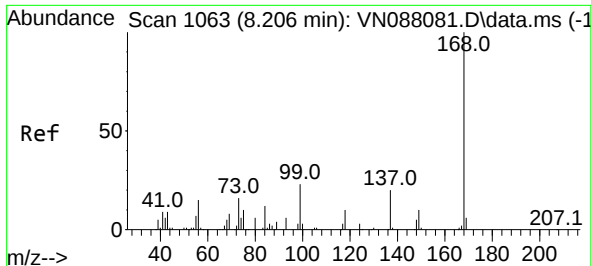
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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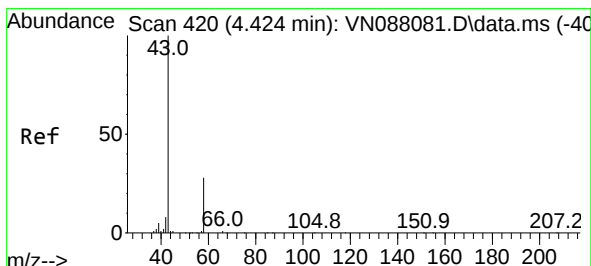
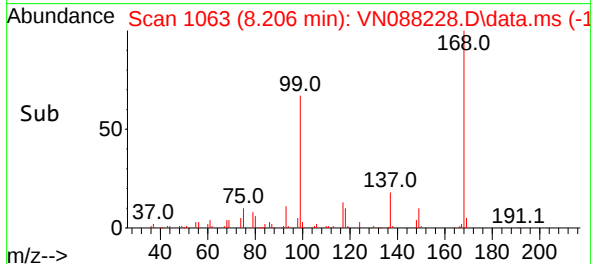
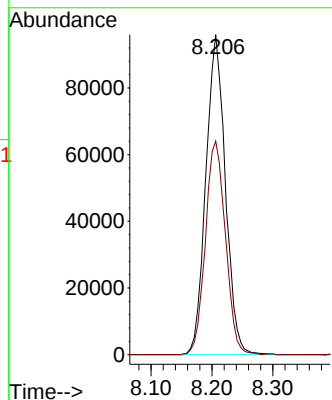
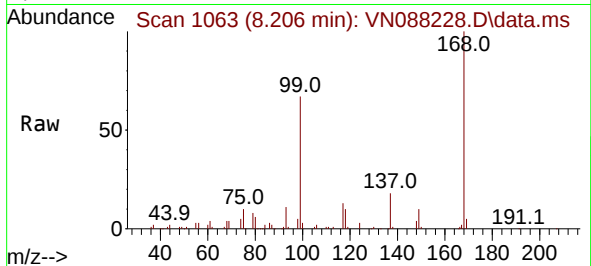




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

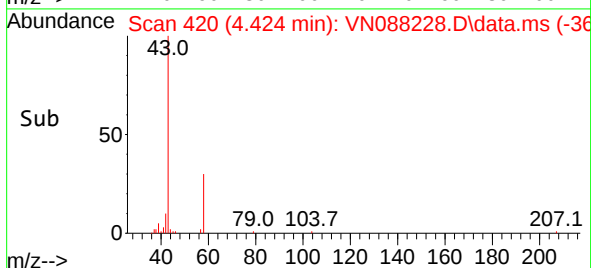
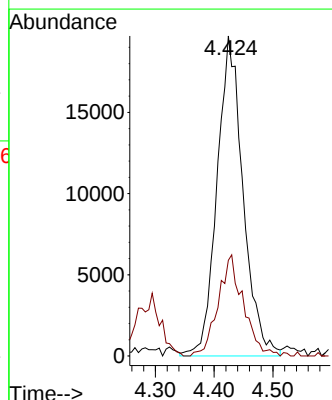
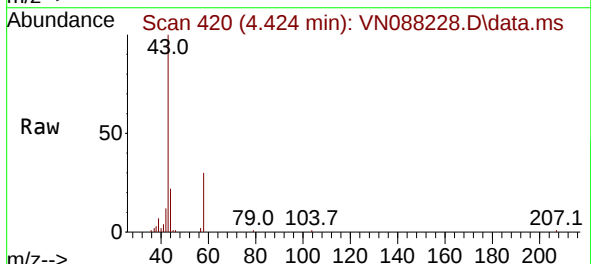
Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

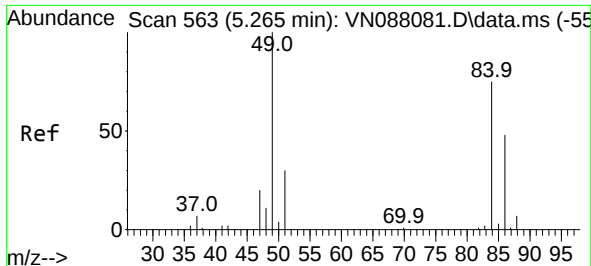
Tgt Ion:168 Resp: 213890
Ion Ratio Lower Upper
168 100
99 66.7 57.2 85.8



#16
Acetone
Concen: 32.581 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 43 Resp: 60540
Ion Ratio Lower Upper
43 100
58 30.1 22.6 33.8

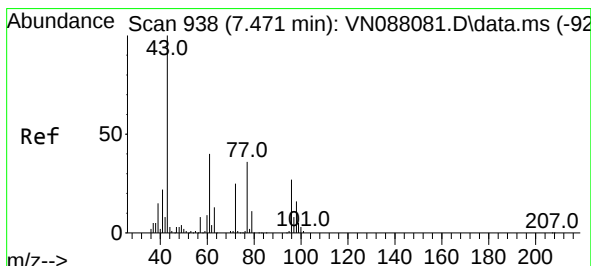
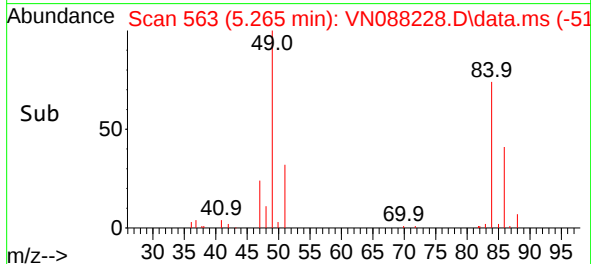
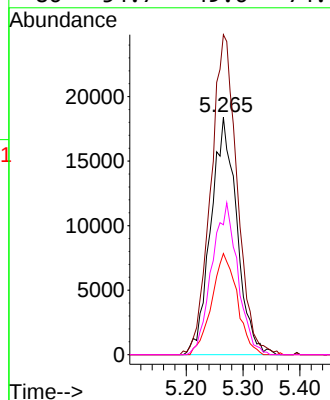
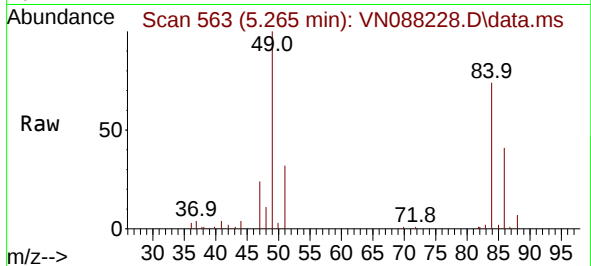




#20
Methylene Chloride
Concen: 18.776 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

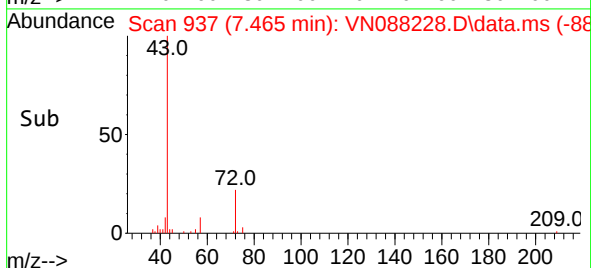
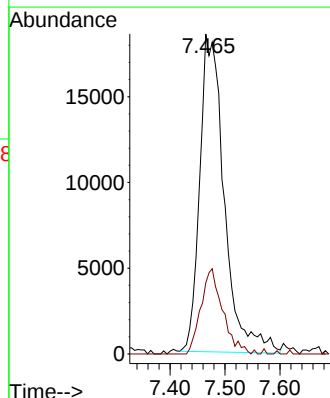
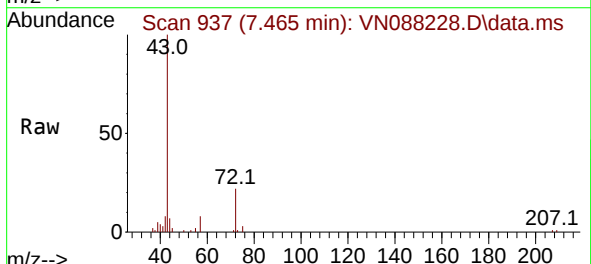
Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

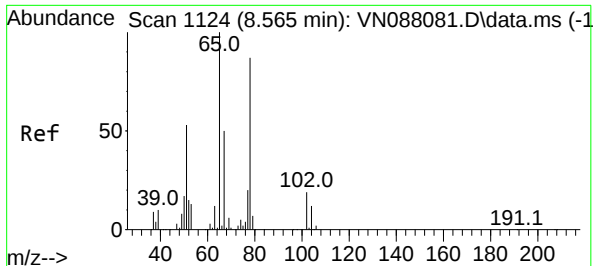
Tgt Ion:	84	Resp:	58564
Ion	Ratio	Lower	Upper
84	100		
49	134.8	103.4	155.2
51	42.6	33.8	50.8
86	54.7	49.6	74.4



#25
2-Butanone
Concen: 23.439 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion:	43	Resp:	57396
Ion	Ratio	Lower	Upper
43	100		
72	22.4	19.9	29.9





#33

1,2-Dichloroethane-d4

Concen: 60.352 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088228.D

Acq: 07 Nov 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

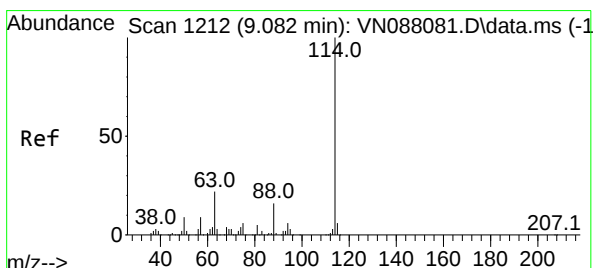
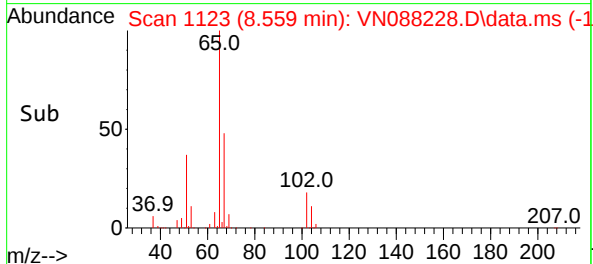
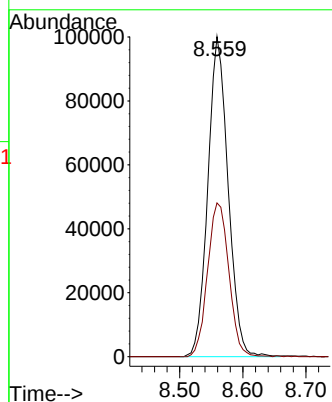
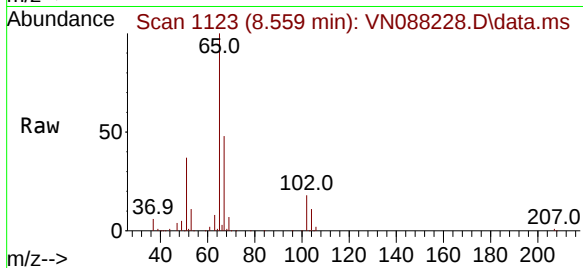
ONYX-1

Tgt Ion: 65 Resp: 223219

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088228.D

Acq: 07 Nov 2025 13:09

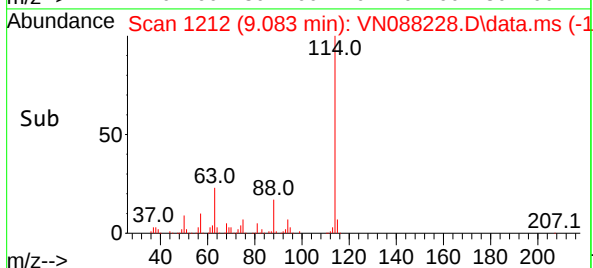
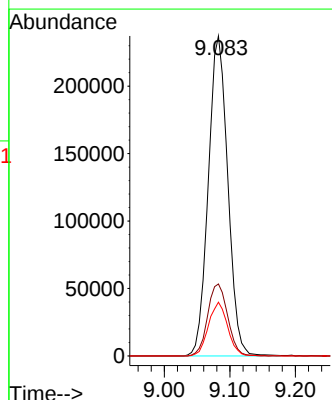
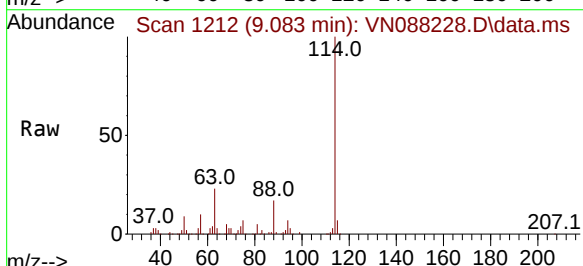
Tgt Ion:114 Resp: 489924

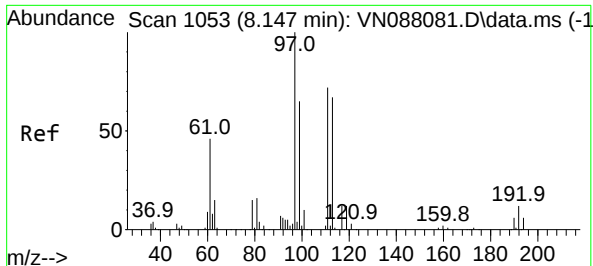
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.379 ug/l

RT: 8.147 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN088228.D

Acq: 07 Nov 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

ONYX-1

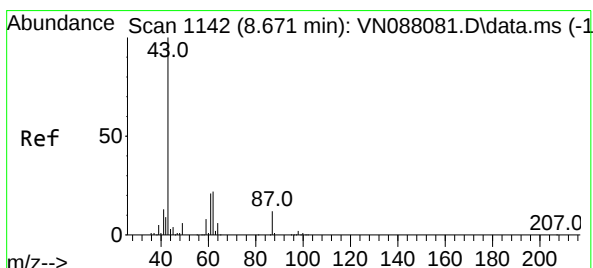
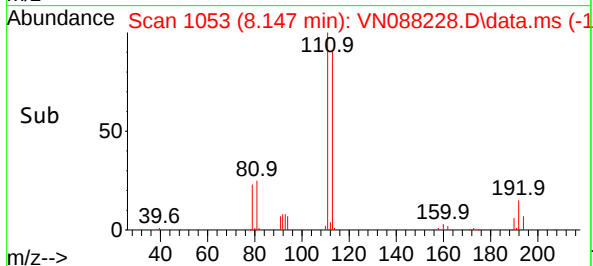
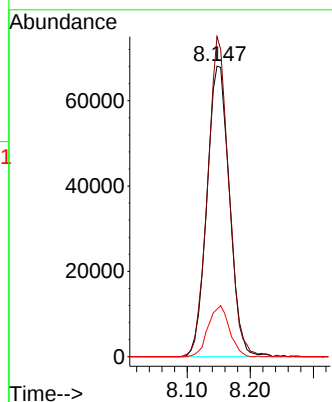
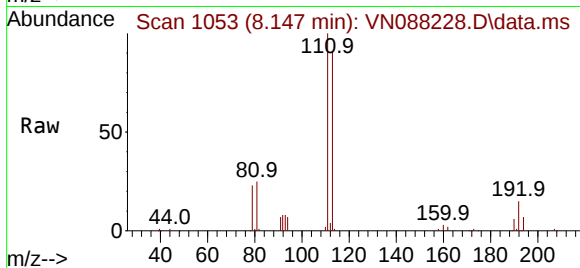
Tgt Ion:113 Resp: 169107

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 16.5 12.8 19.2



#43

Isopropyl Acetate

Concen: 3.147 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN088228.D

Acq: 07 Nov 2025 13:09

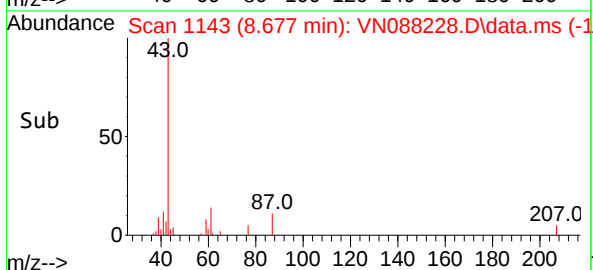
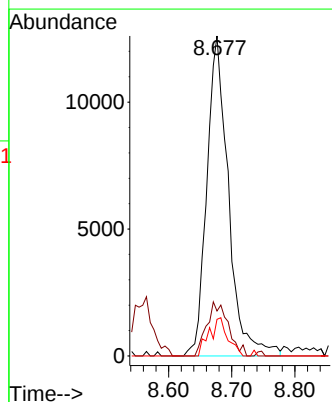
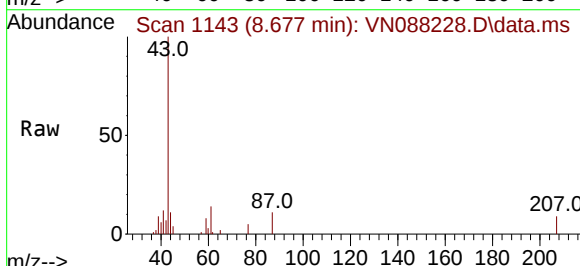
Tgt Ion: 43 Resp: 29991

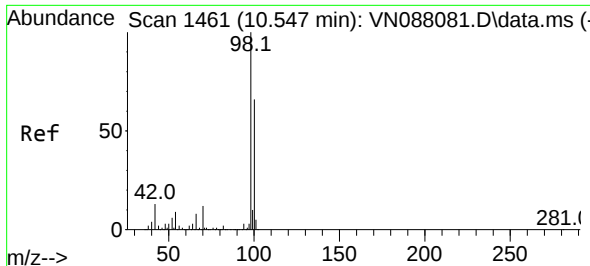
Ion Ratio Lower Upper

43 100

61 16.8 18.8 28.2#

87 10.2 9.6 14.4

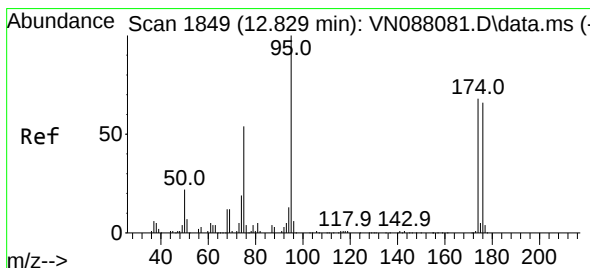
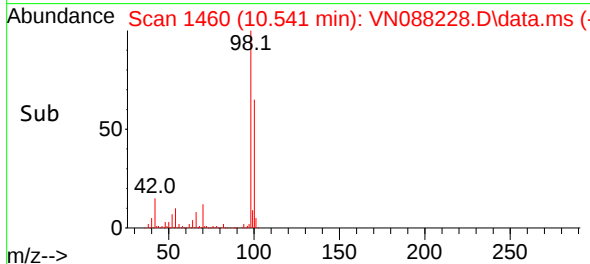
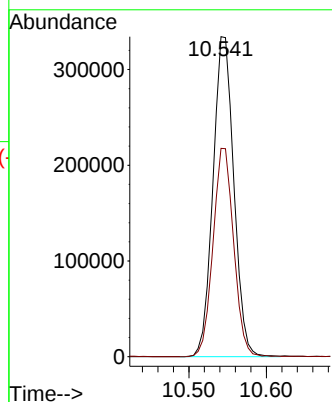
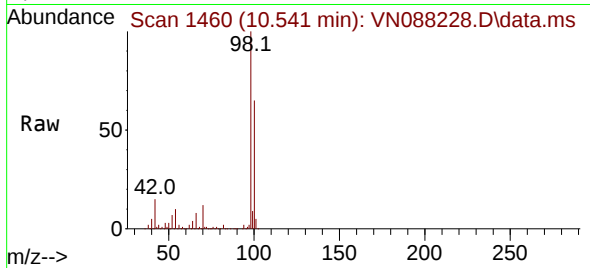




#50
Toluene-d8
Concen: 49.295 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

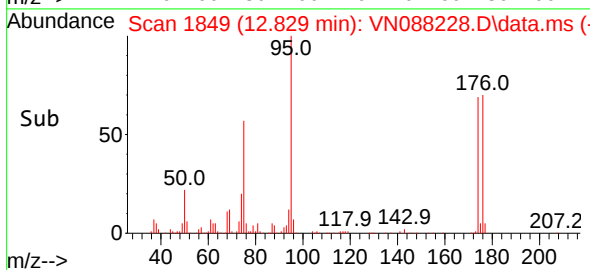
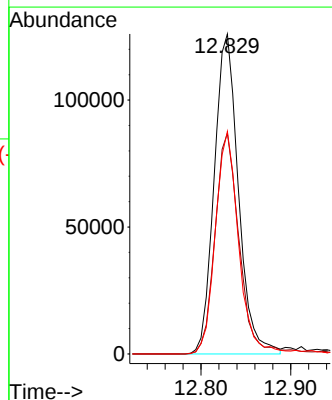
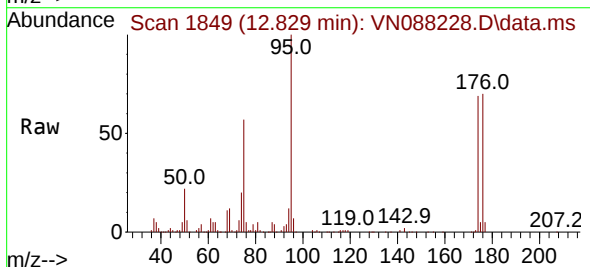
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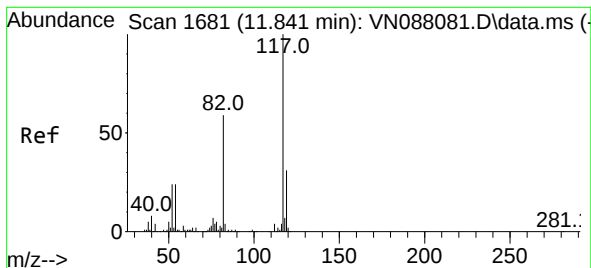
Tgt Ion: 98 Resp: 625158
Ion Ratio Lower Upper
98 100
100 64.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 52.715 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 95 Resp: 236102
Ion Ratio Lower Upper
95 100
174 69.1 0.0 138.4
176 66.8 0.0 132.6

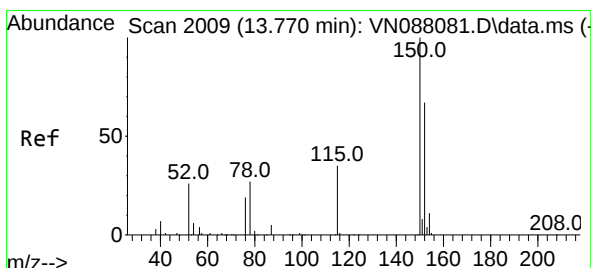
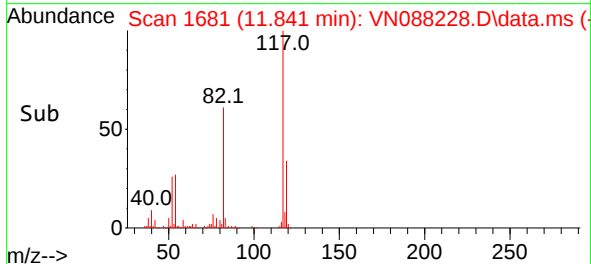
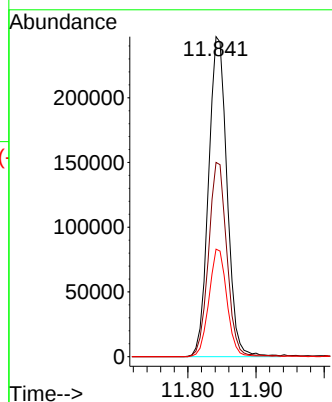
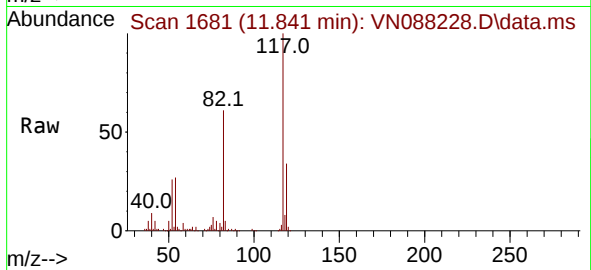




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 466345
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 33.6 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion:152 Resp: 223176
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 157.0 0.0 351.0

