

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088505.D
 Acq On : 10 Dec 2025 16:52
 Operator : JC\MD
 Sample : Q3814-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Dec 11 02:11:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

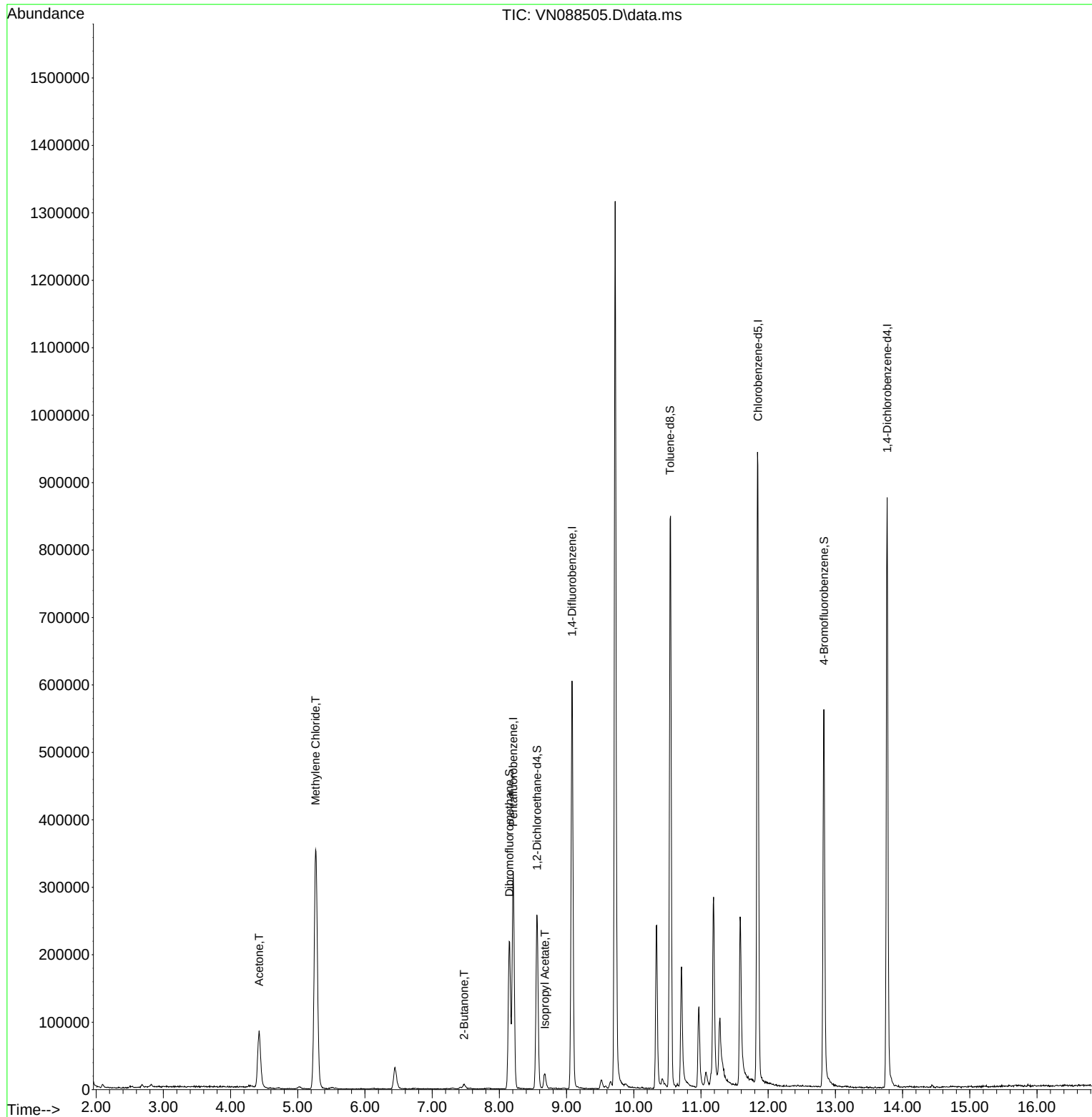
Internal Standards						
1) Pentafluorobenzene	8.206	168	201168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	471841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	502764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	223200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	221608	58.478	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	116.960%	
35) Dibromofluoromethane	8.147	113	156591	47.890	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.780%	
50) Toluene-d8	10.541	98	567799	46.670	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.340%	
62) 4-Bromofluorobenzene	12.829	95	202616	48.537	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	97.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	171550	125.172	ug/l	96
20) Methylene Chloride	5.265	84	274426	93.589	ug/l	96
25) 2-Butanone	7.477	43	11856	5.381	ug/l	99
43) Isopropyl Acetate	8.677	43	27995	2.761	ug/l #	92

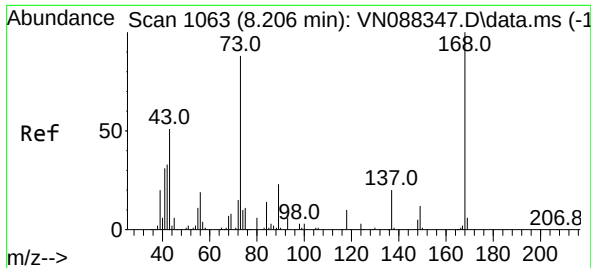
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088505.D
Acq On : 10 Dec 2025 16:52
Operator : JC\MD
Sample : Q3814-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Quant Time: Dec 11 02:11:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

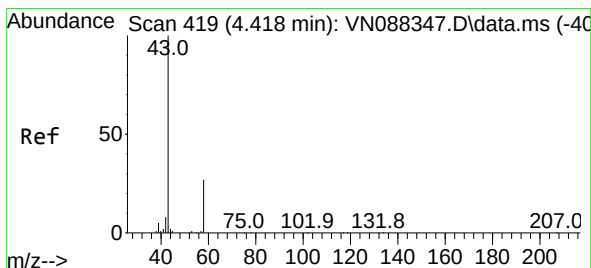
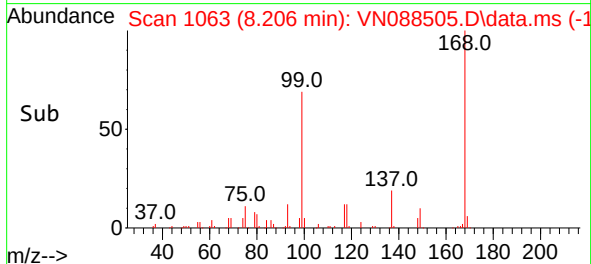
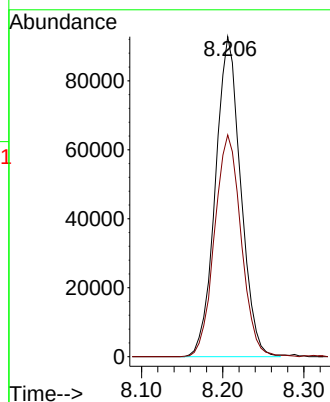
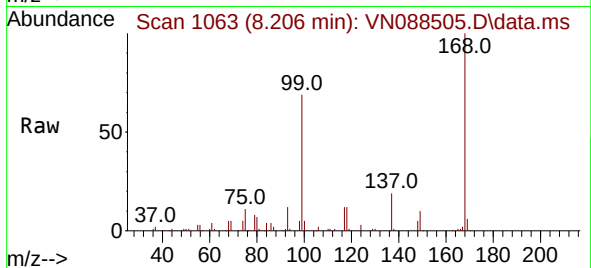




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088505.D
Acq: 10 Dec 2025 16:52

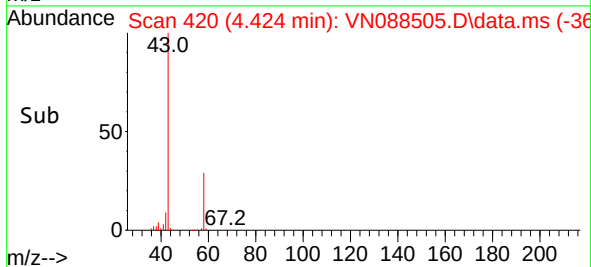
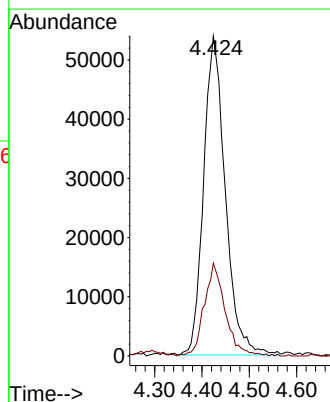
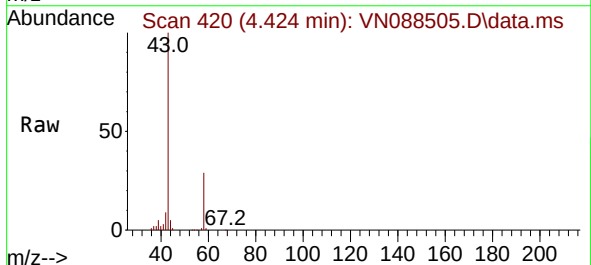
Instrument :
MSVOA_N
ClientSampleId :
TP-4

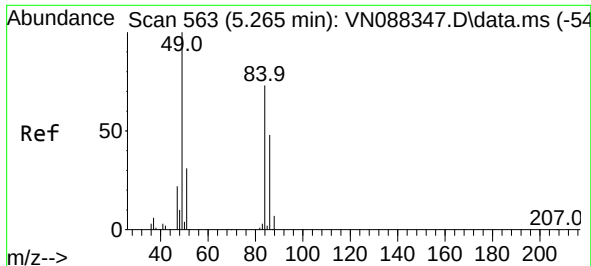
Tgt Ion:168 Resp: 201168
Ion Ratio Lower Upper
168 100
99 69.3 57.1 85.7



#16
Acetone
Concen: 125.172 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088505.D
Acq: 10 Dec 2025 16:52

Tgt Ion: 43 Resp: 171550
Ion Ratio Lower Upper
43 100
58 29.1 21.7 32.5



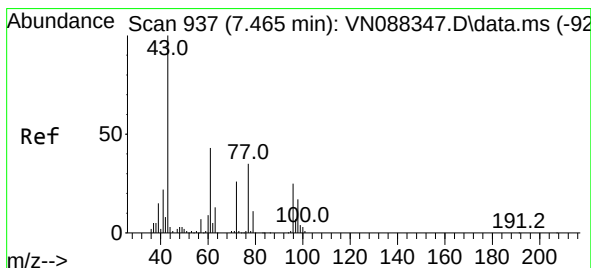
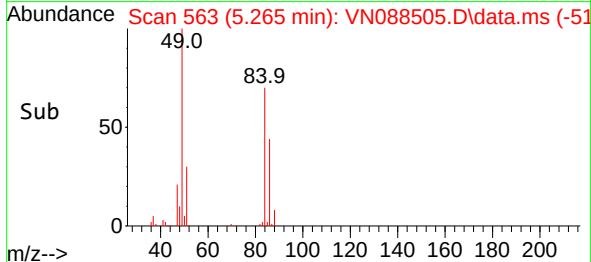
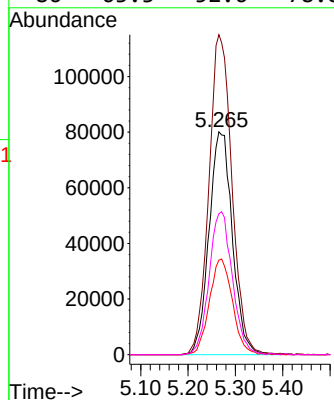
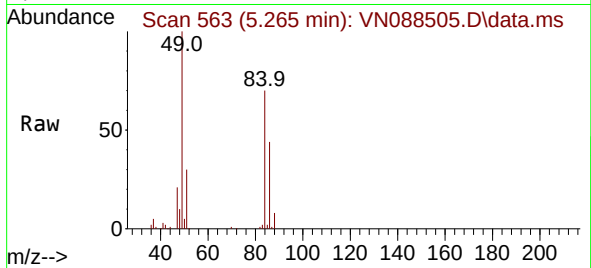


#20
Methylene Chloride
Concen: 93.589 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088505.D
Acq: 10 Dec 2025 16:52

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion: 84 Resp: 274426

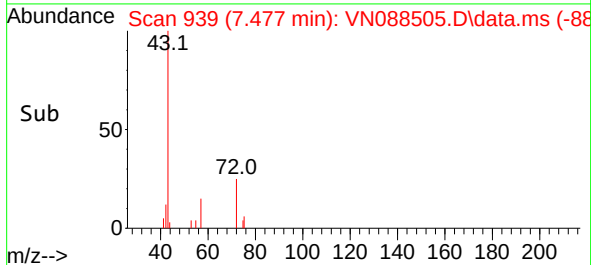
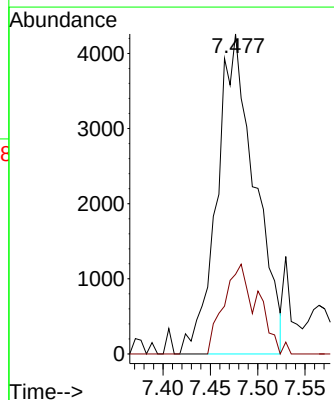
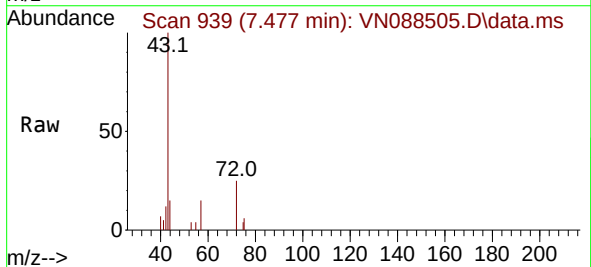
Ion	Ratio	Lower	Upper
84	100		
49	143.6	110.2	165.2
51	42.4	34.1	51.1
86	63.3	52.6	78.8

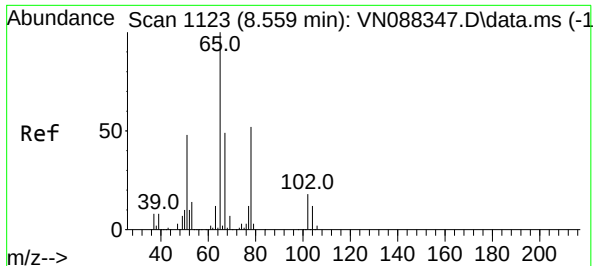


#25
2-Butanone
Concen: 5.381 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088505.D
Acq: 10 Dec 2025 16:52

Tgt Ion: 43 Resp: 11856

Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.5	30.7

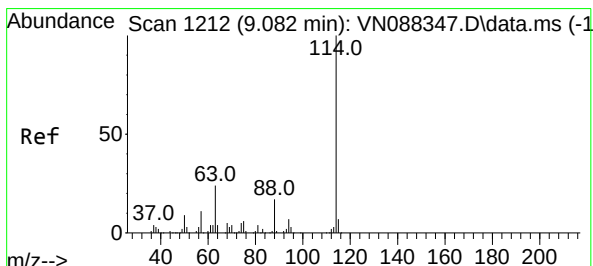
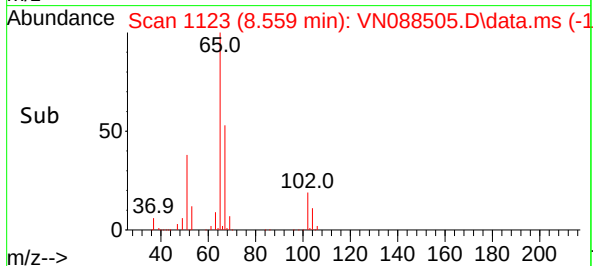
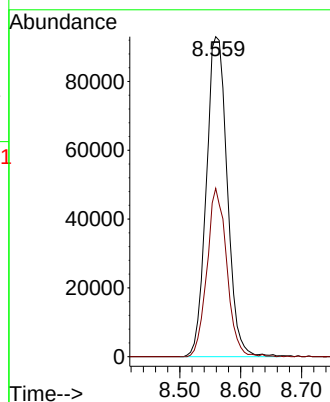
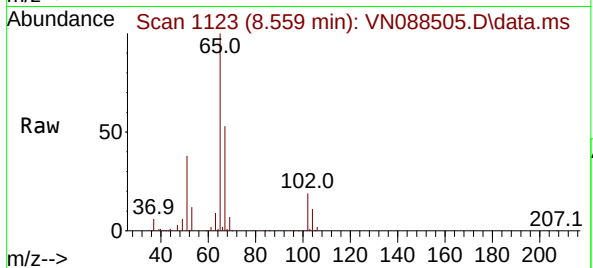




#33
1,2-Dichloroethane-d4
Concen: 58.478 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088505.D
Acq: 10 Dec 2025 16:52

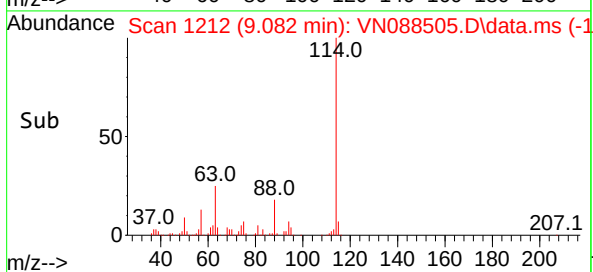
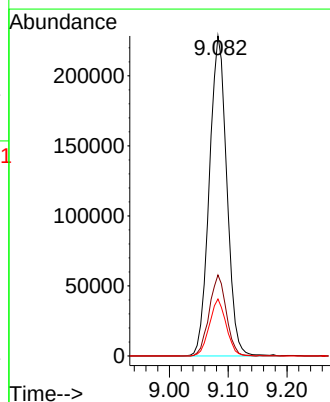
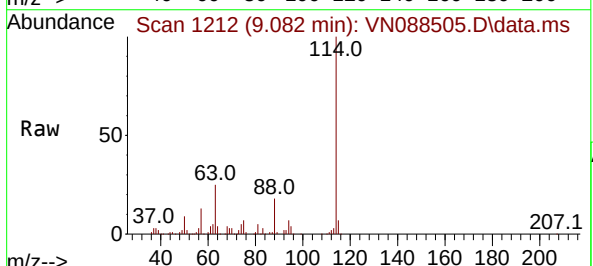
Instrument :
MSVOA_N
ClientSampleId :
TP-4

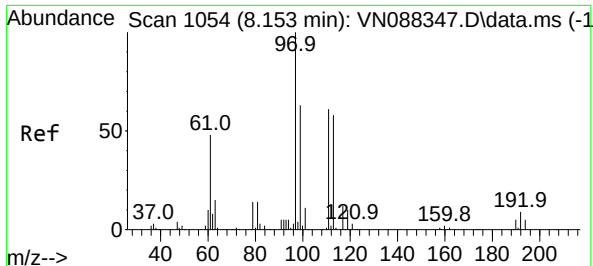
Tgt Ion: 65 Resp: 221608
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088505.D
Acq: 10 Dec 2025 16:52

Tgt Ion: 114 Resp: 471841
Ion Ratio Lower Upper
114 100
63 25.3 0.0 49.0
88 17.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.890 ug/l

RT: 8.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088505.D

Acq: 10 Dec 2025 16:52

Instrument :

MSVOA_N

ClientSampleId :

TP-4

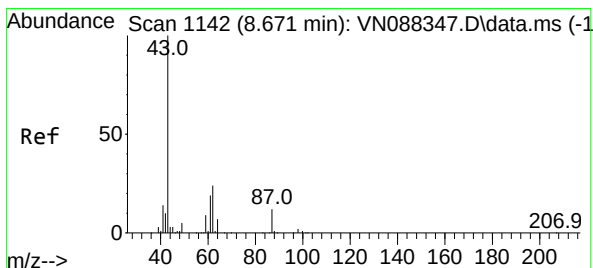
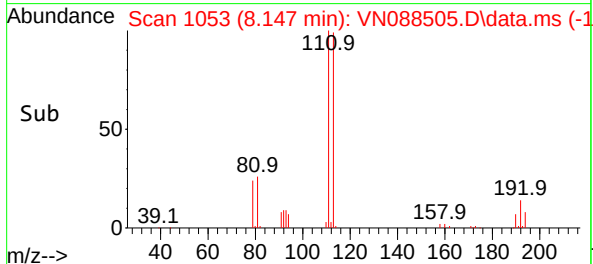
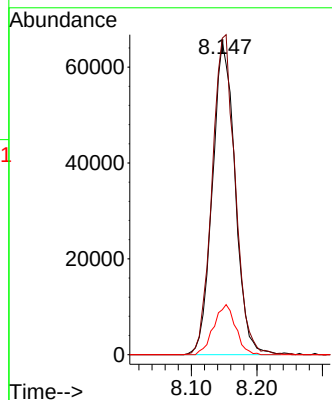
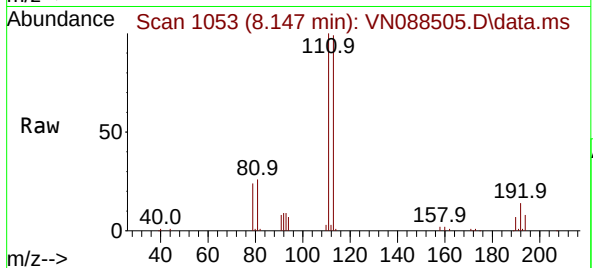
Tgt Ion:113 Resp: 156591

Ion Ratio Lower Upper

113 100

111 104.0 82.5 123.7

192 15.5 12.8 19.2



#43

Isopropyl Acetate

Concen: 2.761 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN088505.D

Acq: 10 Dec 2025 16:52

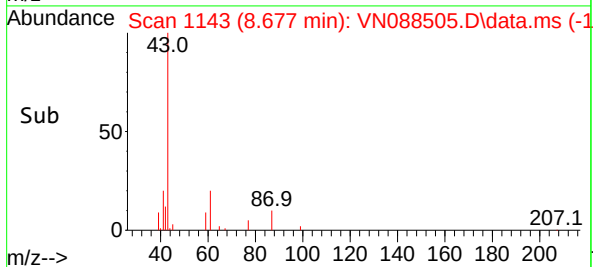
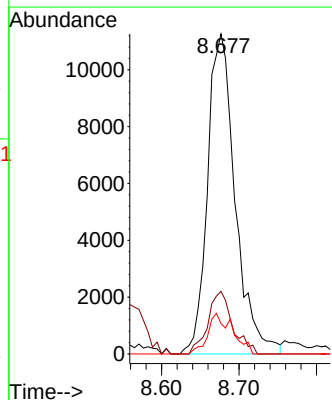
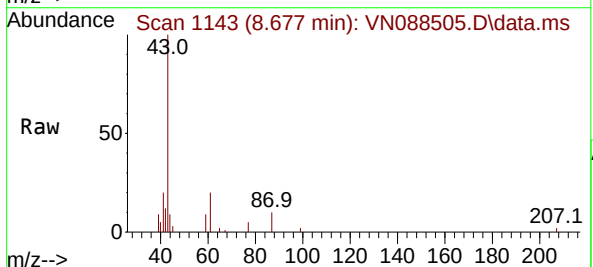
Tgt Ion: 43 Resp: 27995

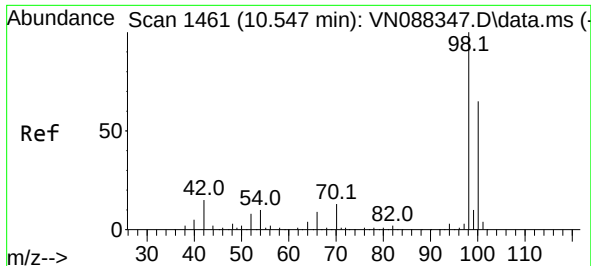
Ion Ratio Lower Upper

43 100

61 17.4 18.7 28.1#

87 11.3 9.1 13.7

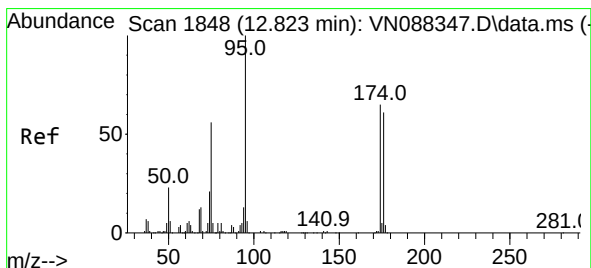
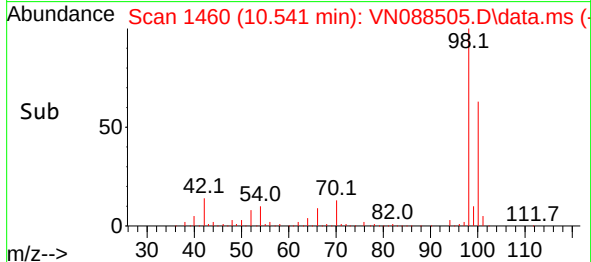
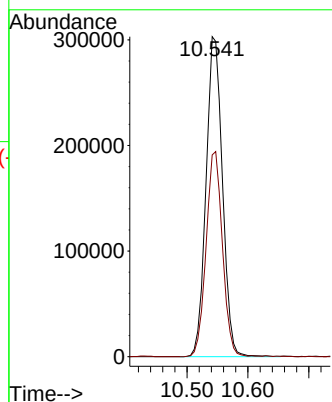
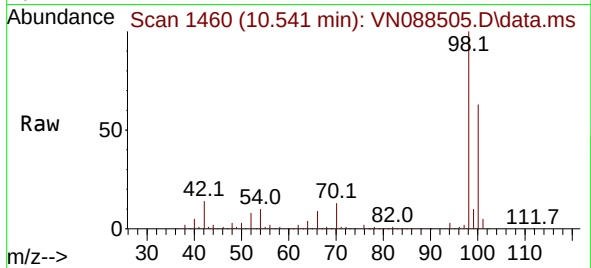




#50
Toluene-d8
Concen: 46.670 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088505.D
Acq: 10 Dec 2025 16:52

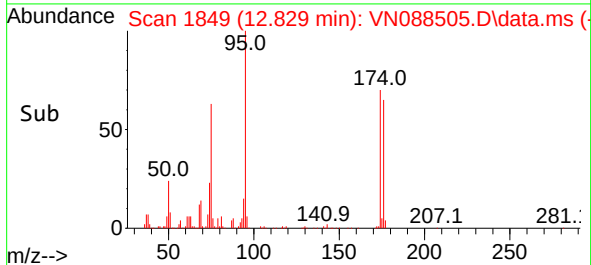
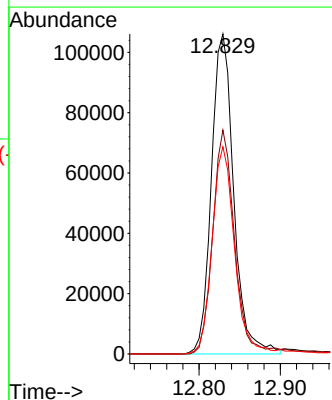
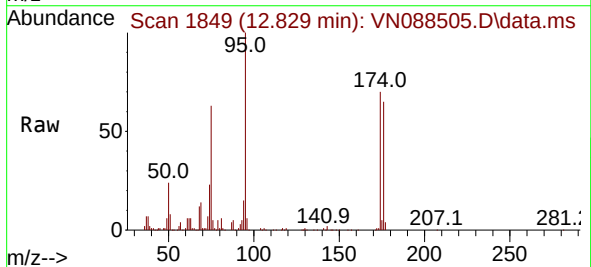
Instrument :
MSVOA_N
ClientSampleId :
TP-4

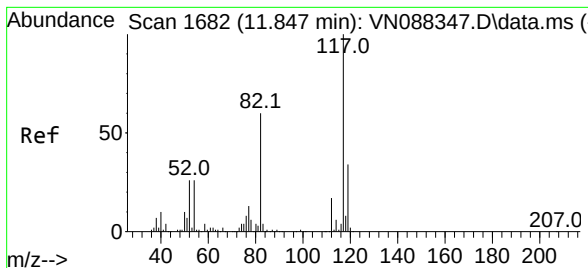
Tgt Ion: 98 Resp: 567799
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.537 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088505.D
Acq: 10 Dec 2025 16:52

Tgt Ion: 95 Resp: 202616
Ion Ratio Lower Upper
95 100
174 69.2 0.0 139.0
176 66.2 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088505.D

Acq: 10 Dec 2025 16:52

Instrument :

MSVOA_N

ClientSampleId :

TP-4

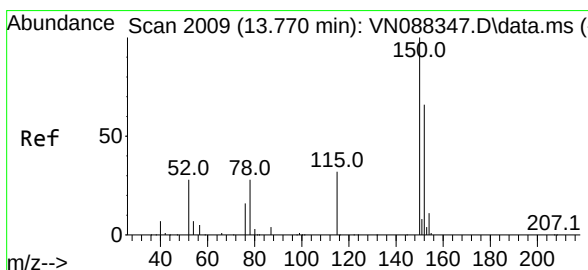
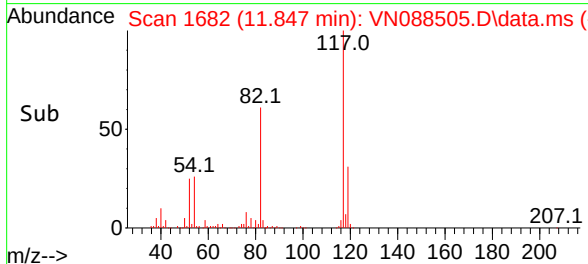
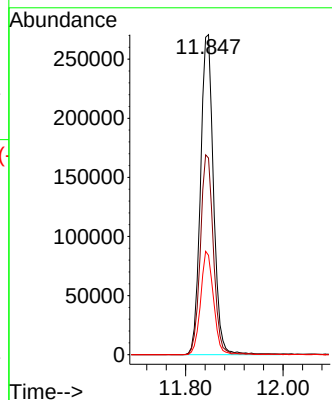
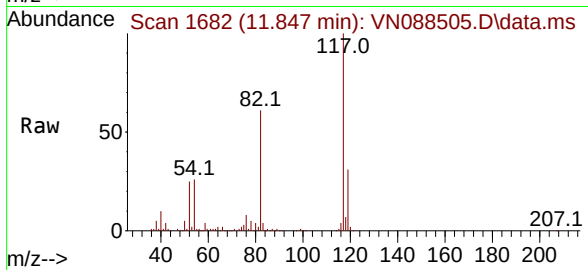
Tgt Ion:117 Resp: 502764

Ion Ratio Lower Upper

117 100

82 61.5 47.8 71.8

119 31.0 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088505.D

Acq: 10 Dec 2025 16:52

Tgt Ion:152 Resp: 223200

Ion Ratio Lower Upper

152 100

115 65.4 33.0 98.9

150 158.6 0.0 349.0

