

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088117.D
 Acq On : 27 Oct 2025 16:17
 Operator : JC\MD
 Sample : Q3452-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JB-1

Quant Time: Oct 28 01:29:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

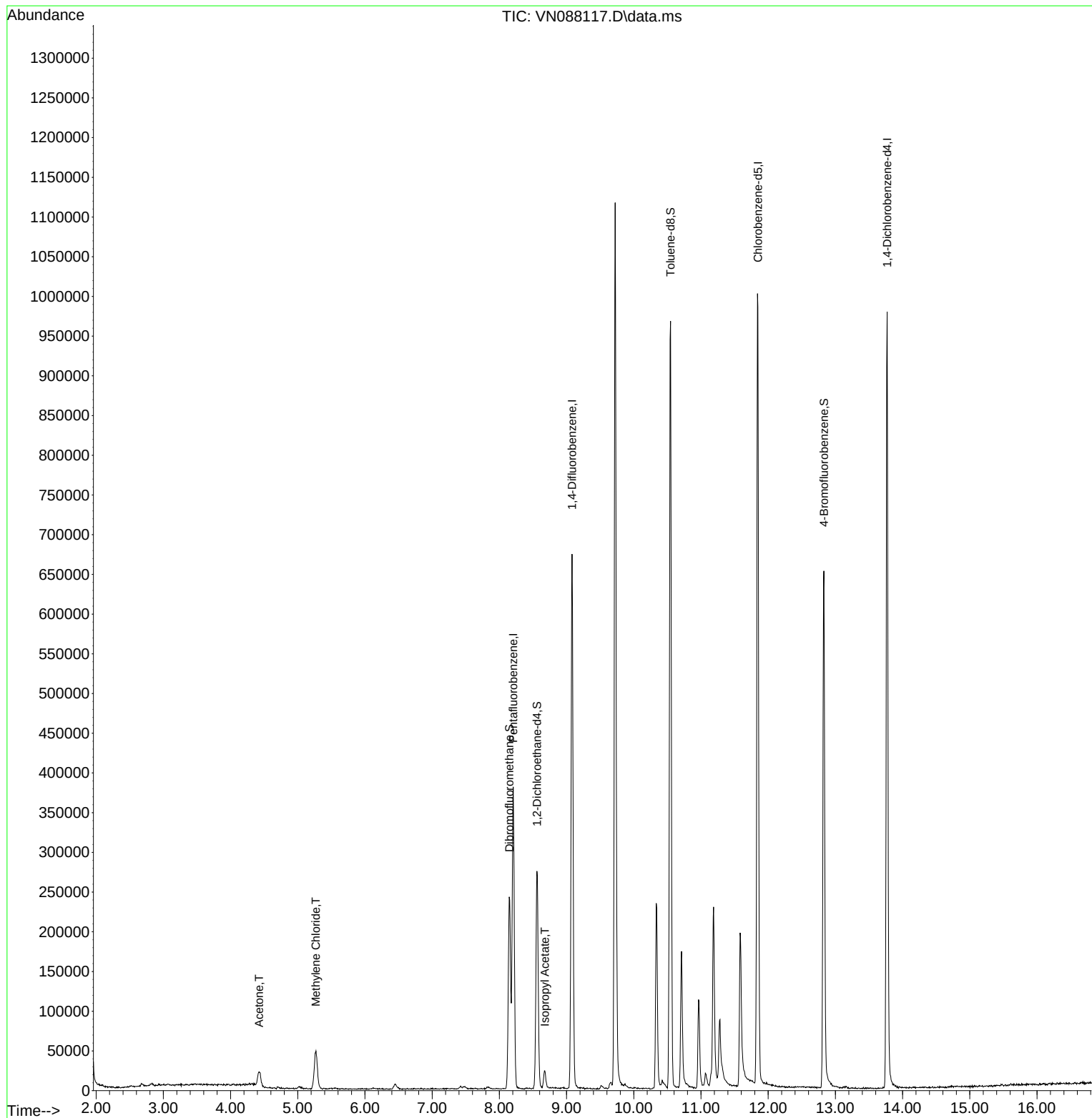
Internal Standards						
1) Pentafluorobenzene	8.206	168	242070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	547486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	538103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	257845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234463	56.013	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.020%
35) Dibromofluoromethane	8.147	113	173065	47.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	10.547	98	648356	45.749	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.829	95	244033	48.757	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.520%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	39580	18.821	ug/l	99
20) Methylene Chloride	5.271	84	36860	11.860	ug/l	94
43) Isopropyl Acetate	8.677	43	28159	2.644	ug/l #	92

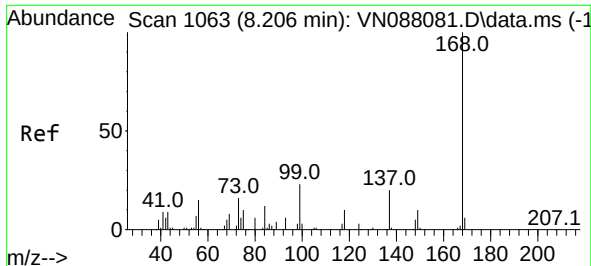
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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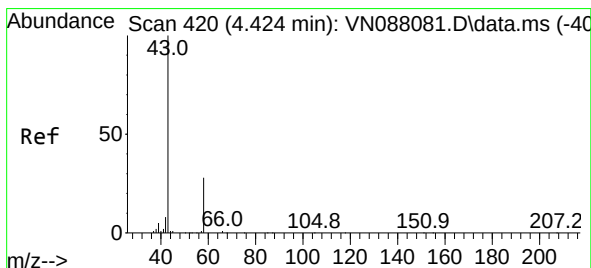
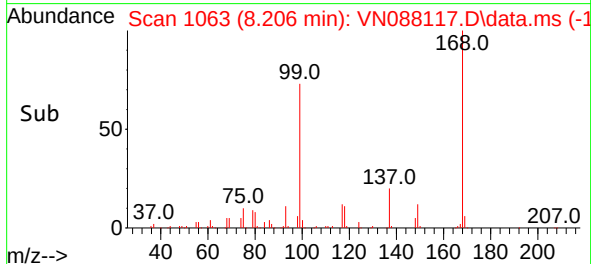
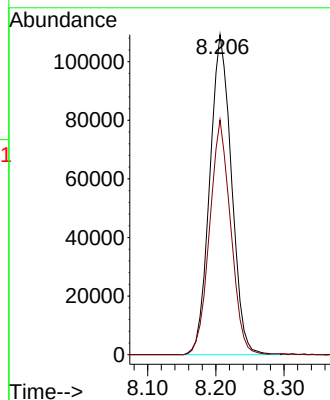
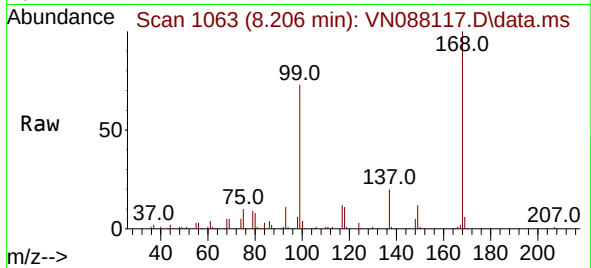




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

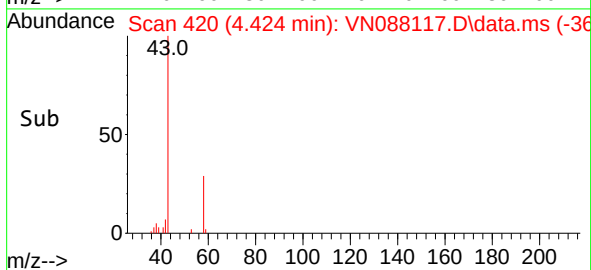
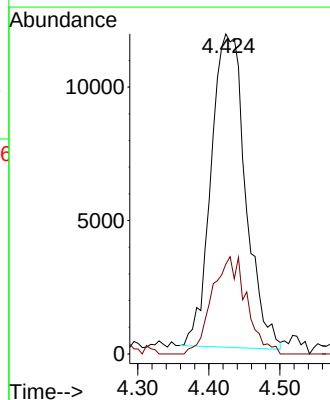
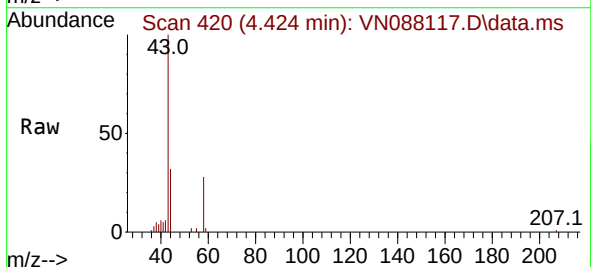
Instrument :
MSVOA_N
ClientSampleId :
JB-1

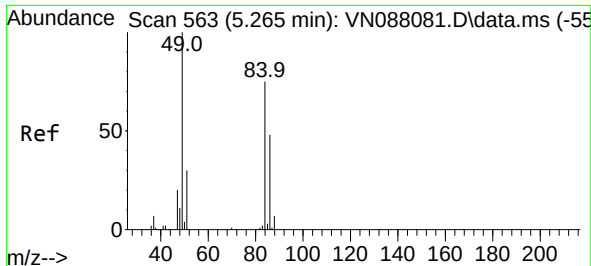
Tgt Ion:168 Resp: 242070
Ion Ratio Lower Upper
168 100
99 73.4 57.2 85.8



#16
Acetone
Concen: 18.821 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

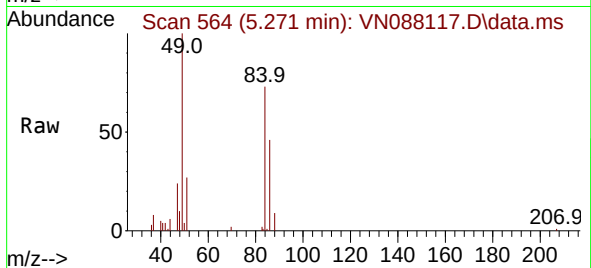
Tgt Ion: 43 Resp: 39580
Ion Ratio Lower Upper
43 100
58 28.8 22.6 33.8



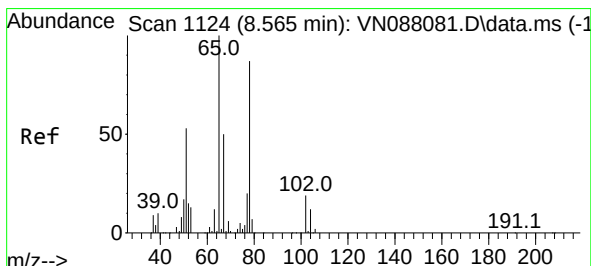
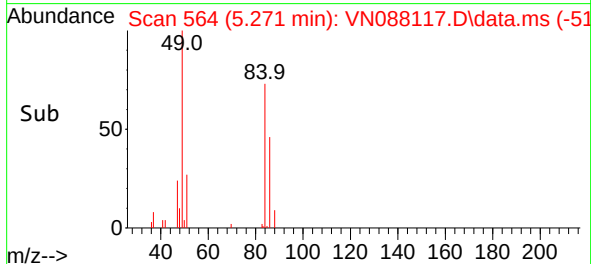
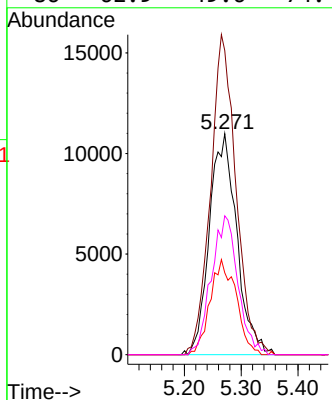


#20
Methylene Chloride
Concen: 11.860 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :
JB-1

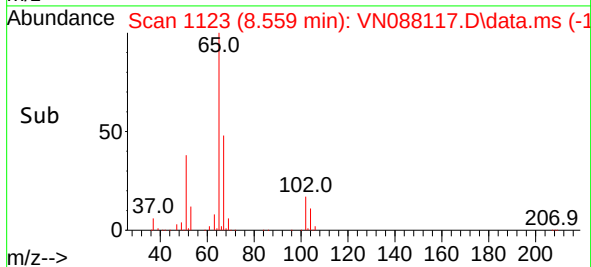
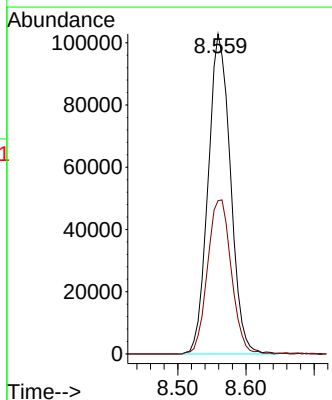
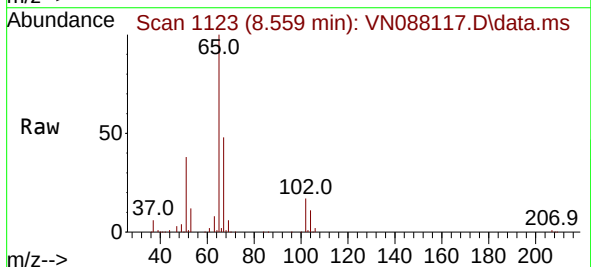


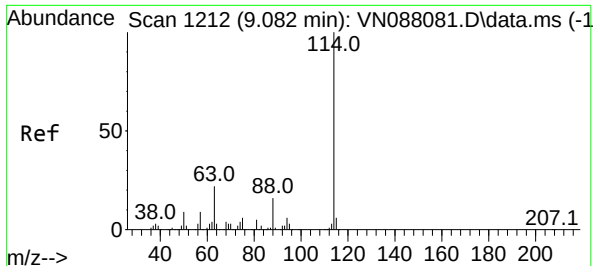
Tgt Ion:	84	Resp:	36860
Ion	Ratio	Lower	Upper
84	100		
49	137.6	103.4	155.2
51	37.1	33.8	50.8
86	62.9	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 56.013 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

Tgt Ion:	65	Resp:	234463
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	100.0

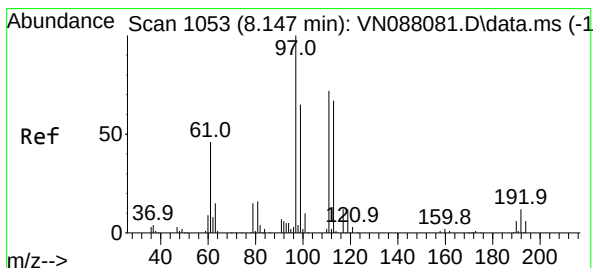
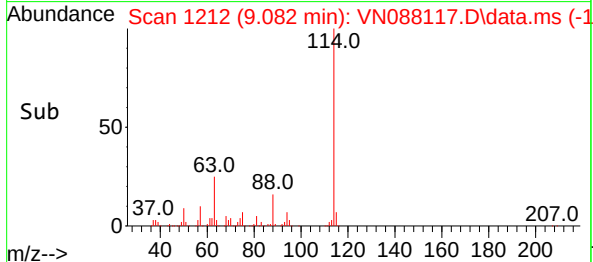
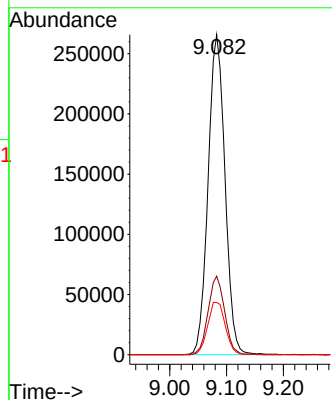
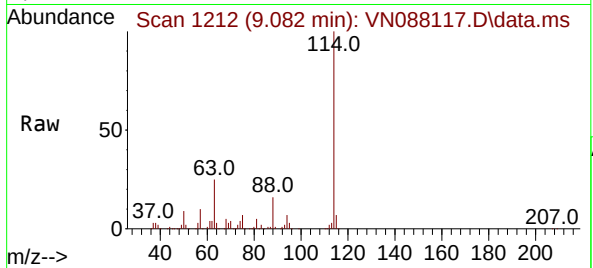




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

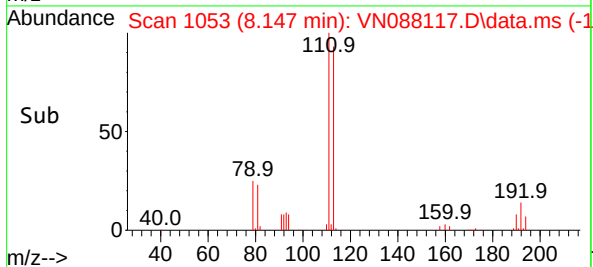
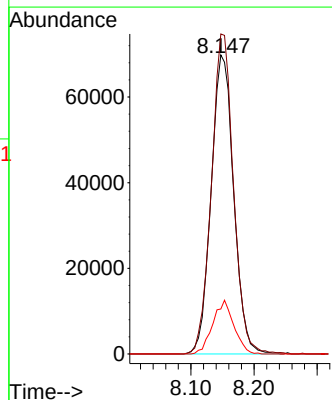
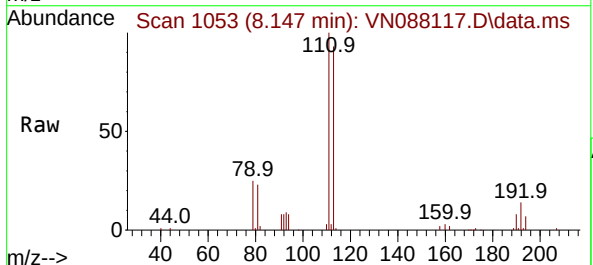
Instrument :
MSVOA_N
ClientSampleId :
JB-1

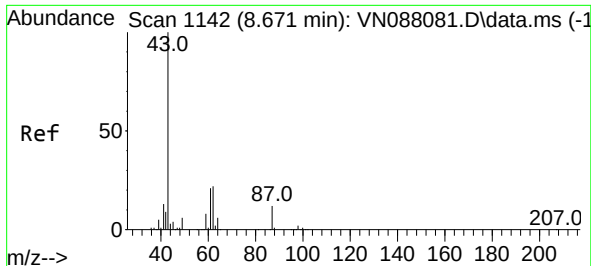
Tgt Ion:114 Resp: 547486
Ion Ratio Lower Upper
114 100
63 24.6 0.0 45.2
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.054 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

Tgt Ion:113 Resp: 173065
Ion Ratio Lower Upper
113 100
111 104.7 82.8 124.2
192 16.9 12.8 19.2

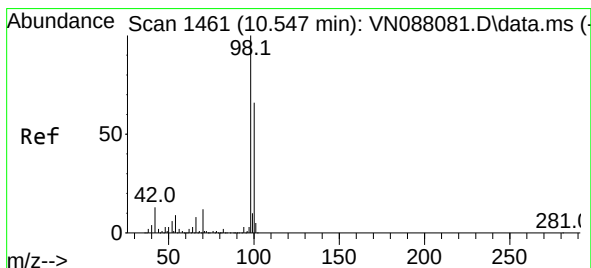
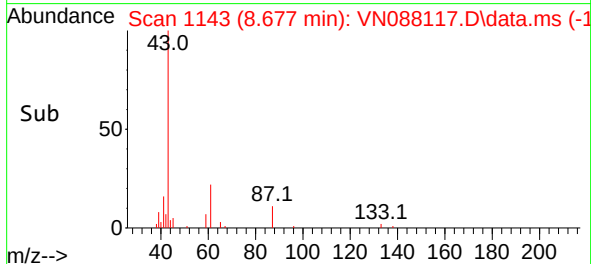
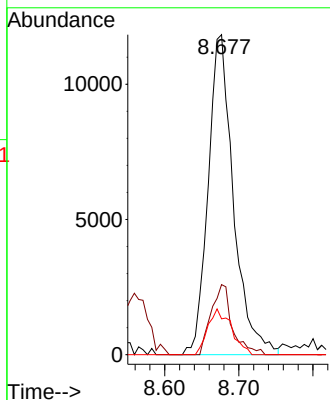
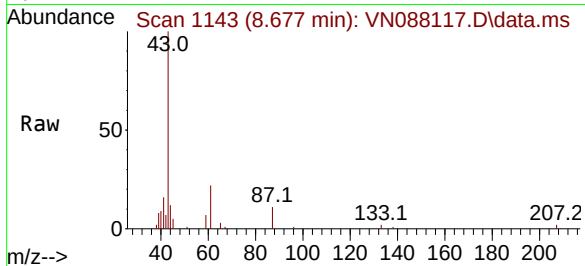




#43
Isopropyl Acetate
Concen: 2.644 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

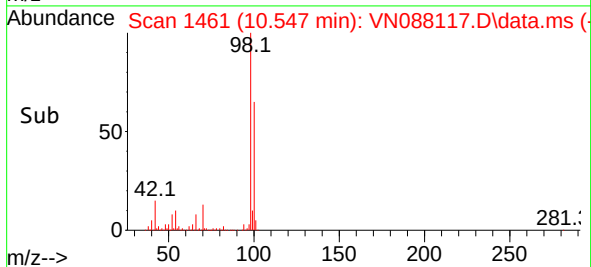
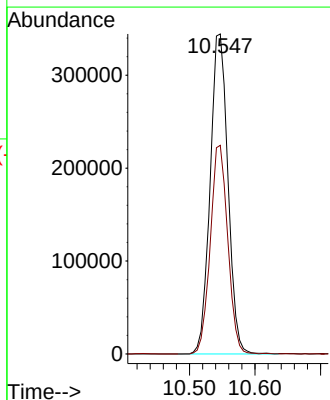
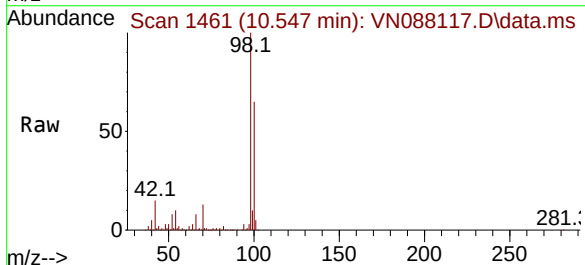
Instrument :
MSVOA_N
ClientSampleId :
JB-1

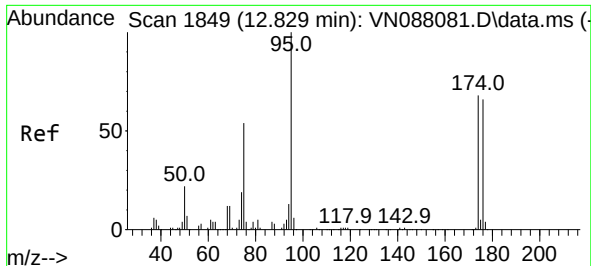
Tgt Ion: 43 Resp: 28159
Ion Ratio Lower Upper
43 100
61 18.2 18.8 28.2#
87 13.2 9.6 14.4



#50
Toluene-d8
Concen: 45.749 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

Tgt Ion: 98 Resp: 648356
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2

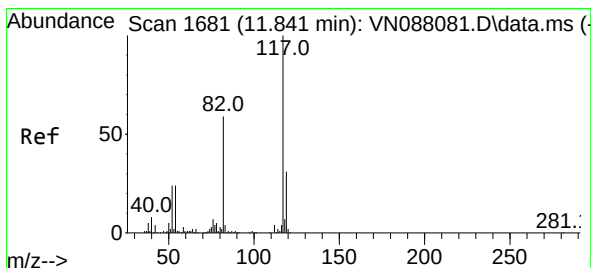
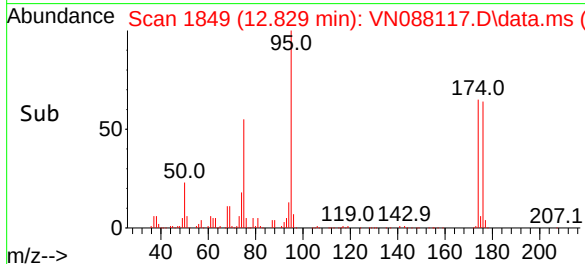
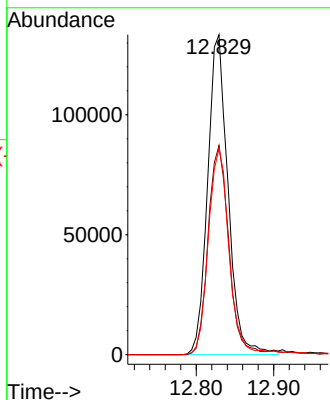
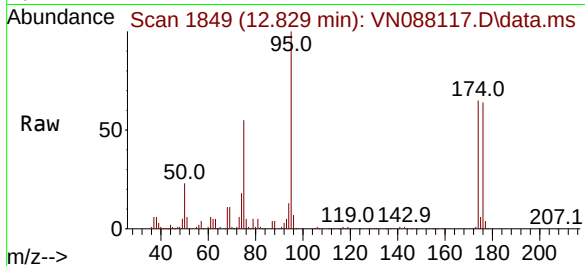




#62
4-Bromofluorobenzene
Concen: 48.757 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

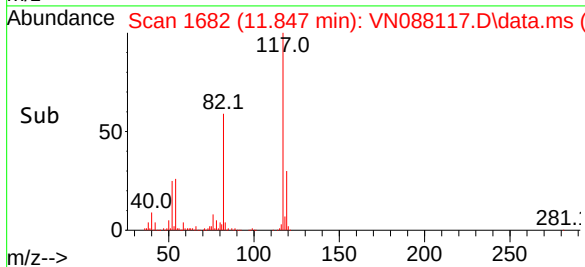
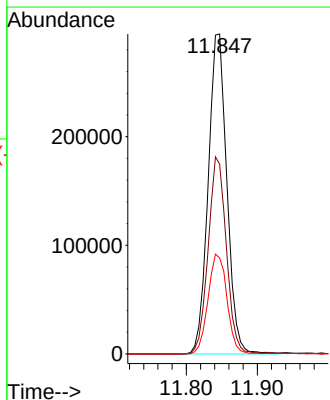
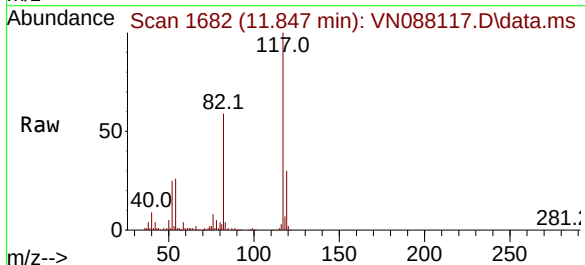
Instrument :
MSVOA_N
ClientSampleId :
JB-1

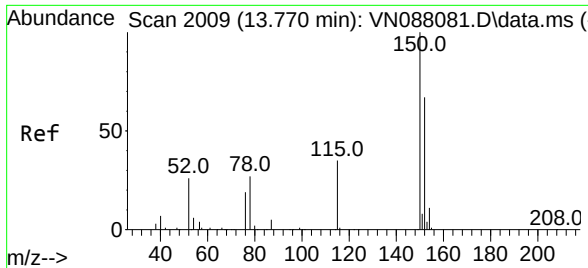
Tgt Ion: 95 Resp: 244033
Ion Ratio Lower Upper
95 100
174 65.9 0.0 138.4
176 65.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

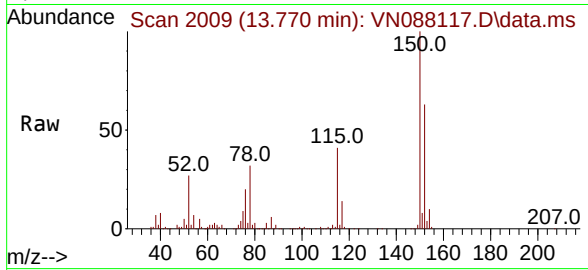
Tgt Ion: 117 Resp: 538103
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 30.0 24.3 36.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN088117.D
Acq: 27 Oct 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :
JB-1



Tgt Ion:	152	Resp:	257845
Ion	Ratio	Lower	Upper
152	100		
115	64.9	32.3	96.8
150	156.2	0.0	351.0

