

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111725\
 Data File : VN088302.D
 Acq On : 17 Nov 2025 14:21
 Operator : JC\MD
 Sample : Q3647-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-212

Quant Time: Nov 18 03:01:27 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)

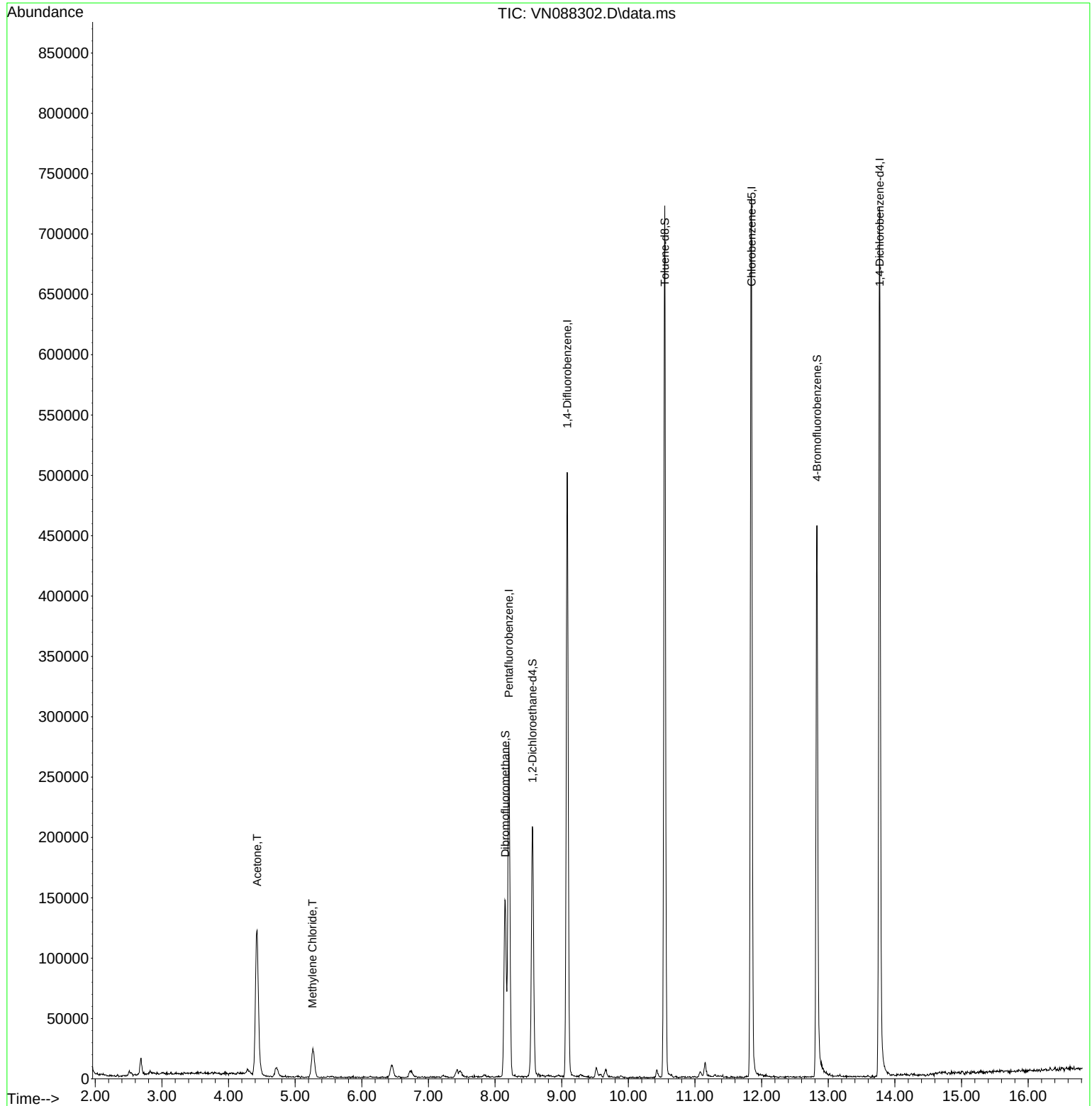
Internal Standards						
1) Pentafluorobenzene	8.206	168	188952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	414135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	410032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	197276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	171725	52.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.120%
35) Dibromofluoromethane	8.153	113	105882	38.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	76.120%
50) Toluene-d8	10.547	98	469946	43.837	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.829	95	167605	44.270	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.540%
Target Compounds						
16) Acetone	4.430	43	245688	149.674	ug/l	99
20) Methylene Chloride	5.259	84	17897	6.495	ug/l	84

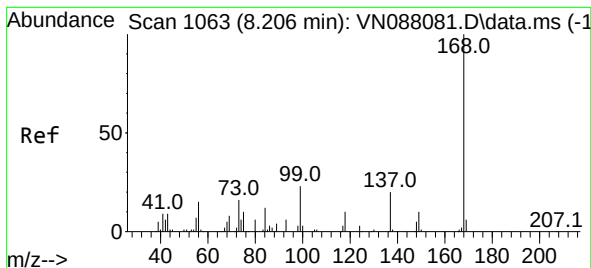
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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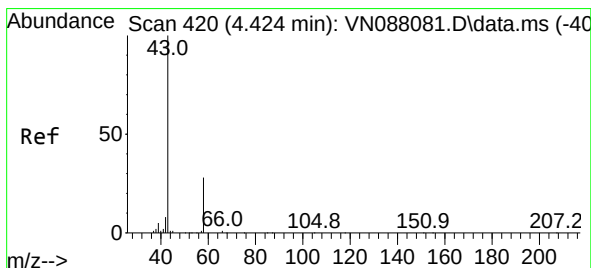
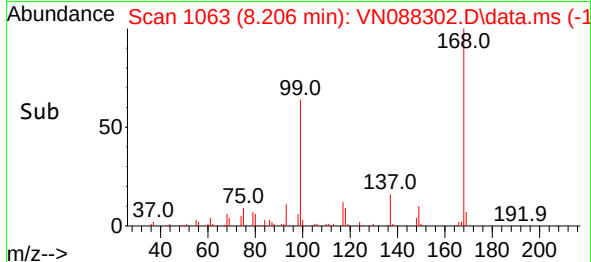
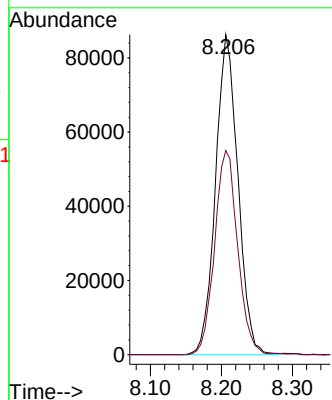
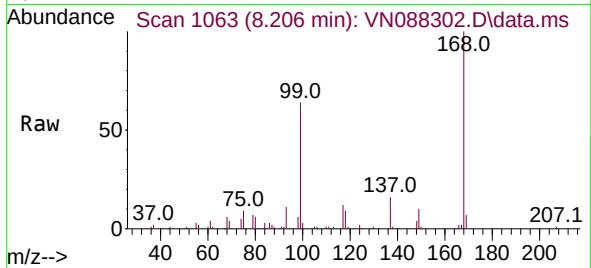




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN088302.D
Acq: 17 Nov 2025 14:21

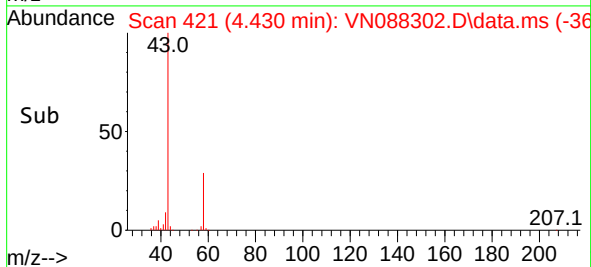
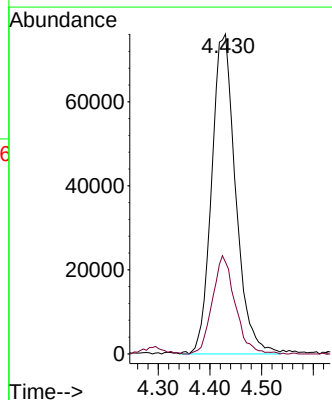
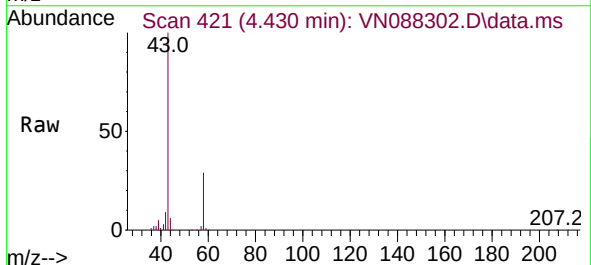
Instrument :
MSVOA_N
ClientSampleId :
VNJ-212

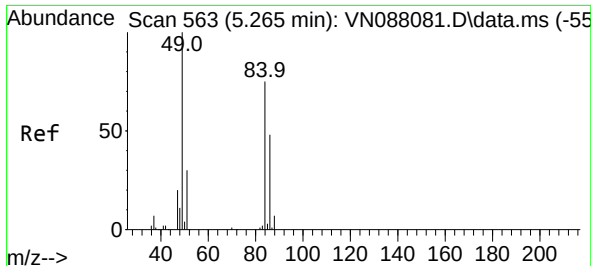
Tgt Ion:168 Resp: 188952
Ion Ratio Lower Upper
168 100
99 63.8 57.2 85.8



#16
Acetone
Concen: 149.674 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088302.D
Acq: 17 Nov 2025 14:21

Tgt Ion: 43 Resp: 245688
Ion Ratio Lower Upper
43 100
58 28.7 22.6 33.8

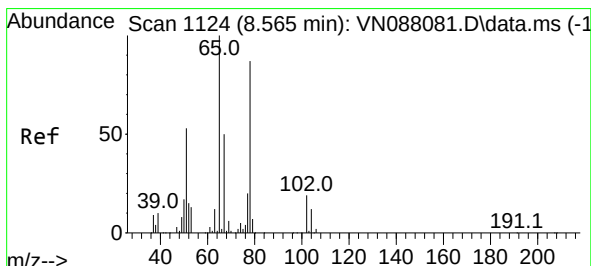
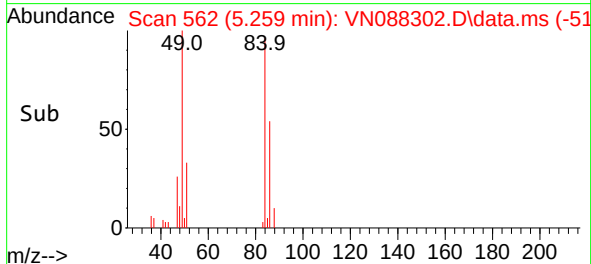
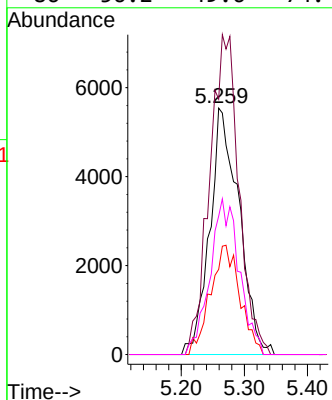
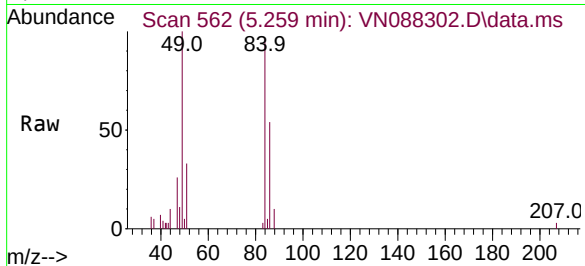




#20
Methylene Chloride
Concen: 6.495 ug/l
RT: 5.259 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN088302.D
Acq: 17 Nov 2025 14:21

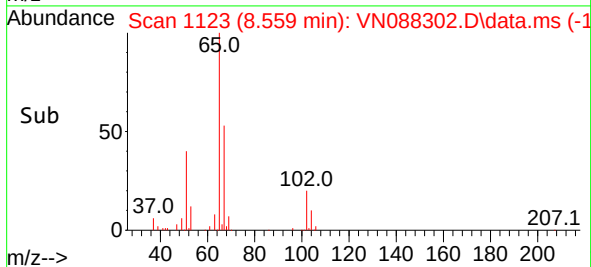
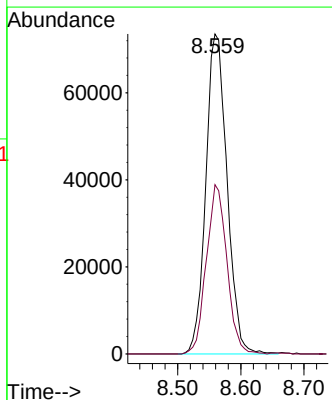
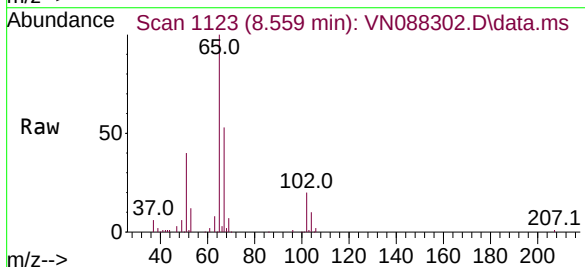
Instrument :
MSVOA_N
ClientSampleId :
VNJ-212

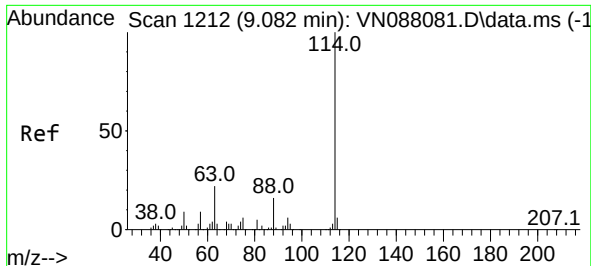
Tgt Ion:	84	Resp:	17897
Ion	Ratio	Lower	Upper
84	100		
49	103.7	103.4	155.2
51	34.6	33.8	50.8
86	56.2	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 52.557 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088302.D
Acq: 17 Nov 2025 14:21

Tgt Ion:	65	Resp:	171725
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	100.0

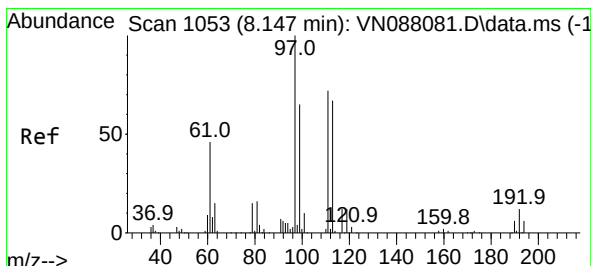
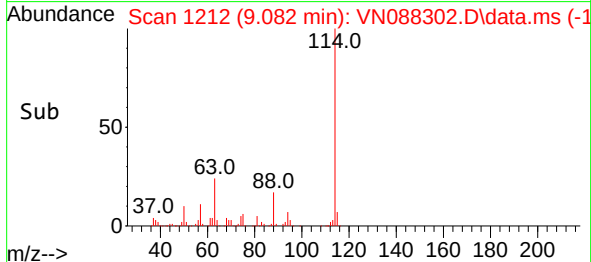
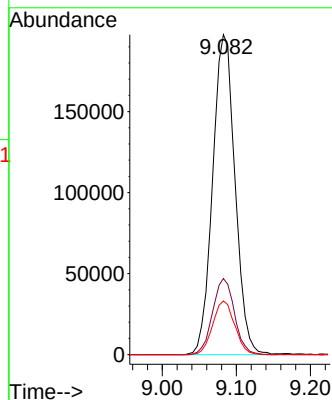
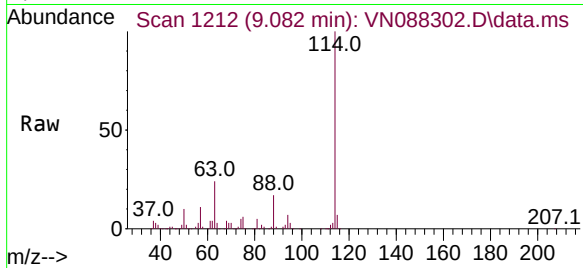




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN088302.D
 Acq: 17 Nov 2025 14:21

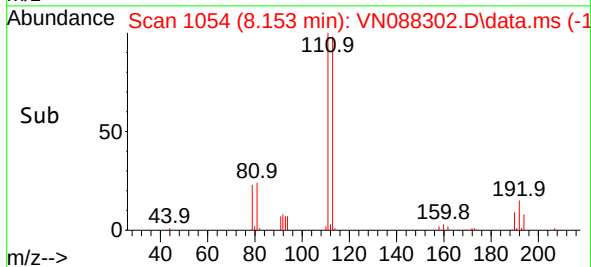
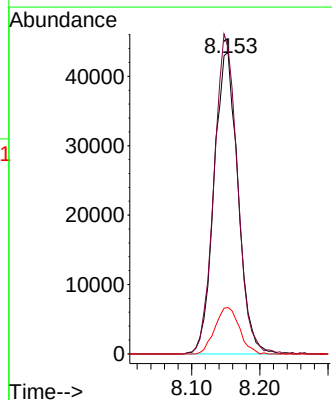
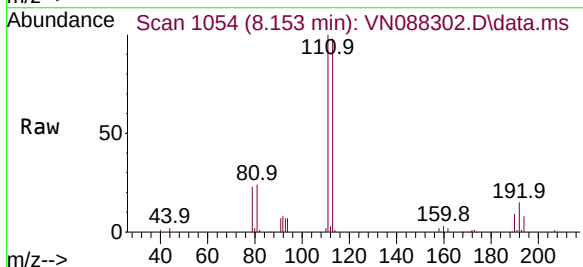
Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-212

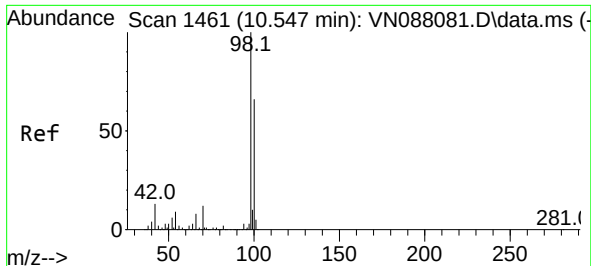
Tgt Ion:	114	Resp:	414135
Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	45.2
88	16.8	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 38.057 ug/l
 RT: 8.153 min Scan# 1054
 Delta R.T. -0.000 min
 Lab File: VN088302.D
 Acq: 17 Nov 2025 14:21

Tgt Ion:	113	Resp:	105882
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	15.7	12.8	19.2

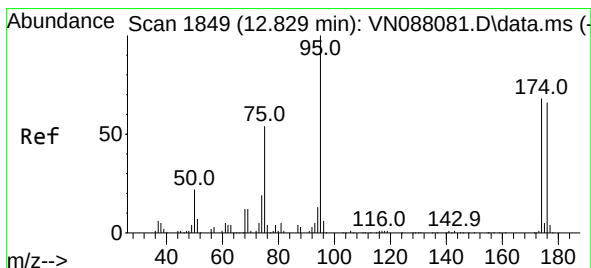
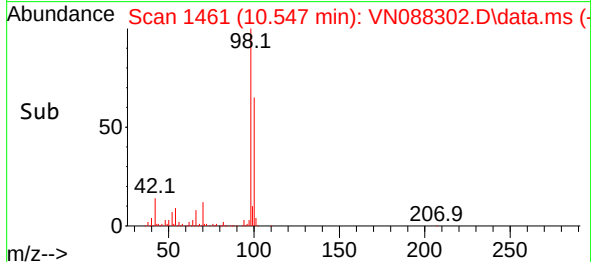
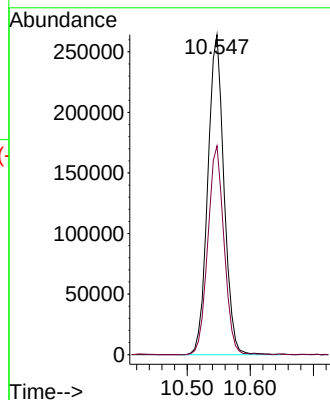
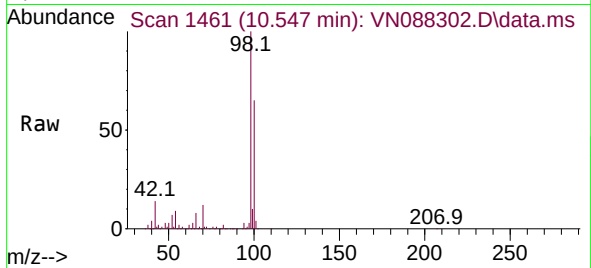




#50
Toluene-d8
Concen: 43.837 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088302.D
Acq: 17 Nov 2025 14:21

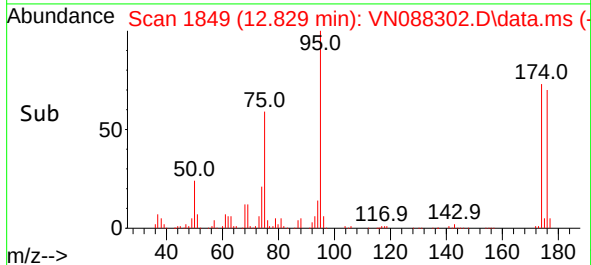
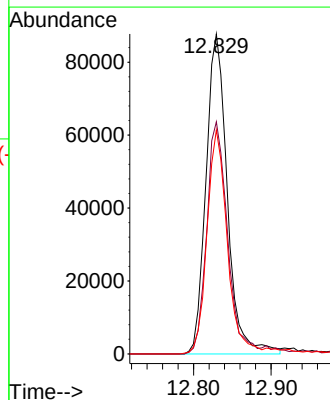
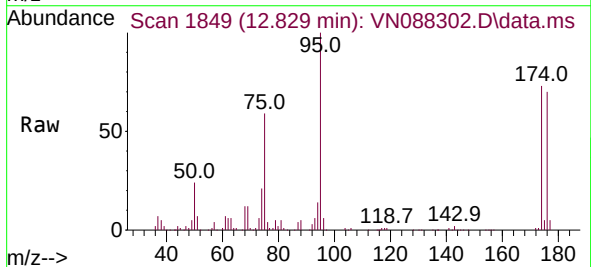
Instrument :
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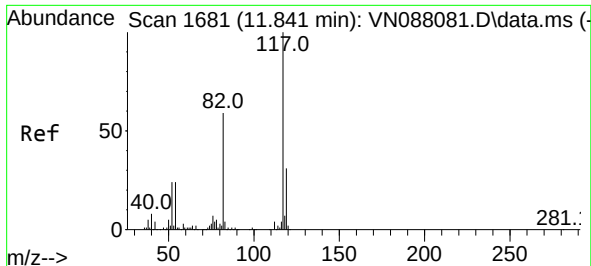
Tgt Ion: 98 Resp: 469946
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.270 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088302.D
Acq: 17 Nov 2025 14:21

Tgt Ion: 95 Resp: 167605
Ion Ratio Lower Upper
95 100
174 70.8 0.0 138.4
176 66.1 0.0 132.6

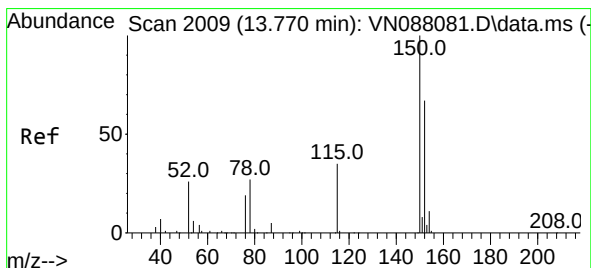
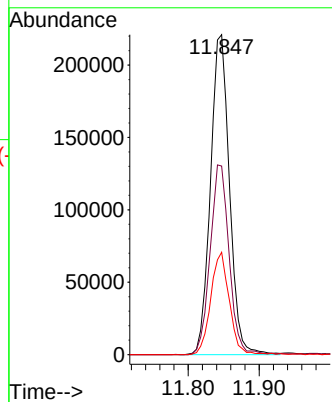
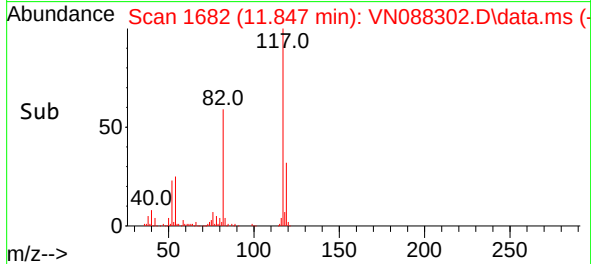
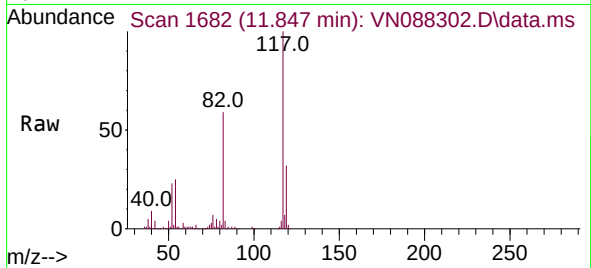




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN088302.D
Acq: 17 Nov 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VNJ-212

Tgt Ion:117 Resp: 410032
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.0 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: VN088302.D
Acq: 17 Nov 2025 14:21

Tgt Ion:152 Resp: 197276
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 153.2 0.0 351.0

