

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087685.D
 Acq On : 28 Aug 2025 15:08
 Operator : JC\MD
 Sample : Q2959-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2202

Quant Time: Aug 29 03:19:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	169837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	398677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	389346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	184217	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	193821	55.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.400%
35) Dibromofluoromethane	8.153	113	146270	50.816	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	10.547	98	535900	49.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.829	95	185348	48.376	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.760%

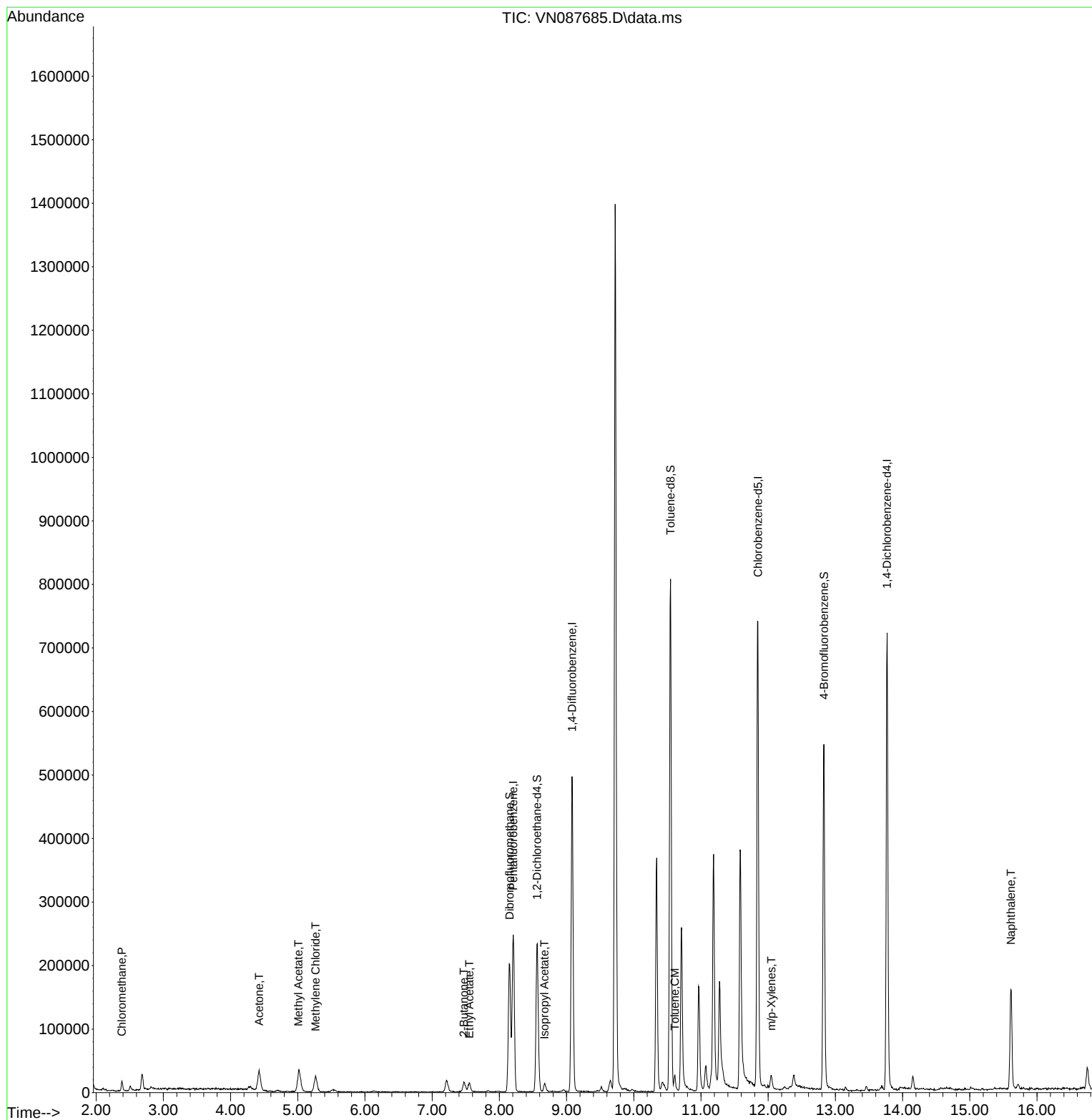
Target Compounds					Qvalue	
3) Chloromethane	2.383	50	14758	5.953	ug/l	97
16) Acetone	4.424	43	53081	28.022	ug/l #	88
18) Methyl Acetate	5.012	43	75536	19.045	ug/l	100
20) Methylene Chloride	5.265	84	18944	5.817	ug/l	93
25) 2-Butanone	7.471	43	26500	10.633	ug/l	93
37) Ethyl Acetate	7.553	43	23861	3.954	ug/l	97
43) Isopropyl Acetate	8.671	43	16072	1.706	ug/l #	90
52) Toluene	10.612	92	9526	1.135	ug/l	98
68) m/p-Xylenes	12.047	106	6438	1.047	ug/l	96
95) Naphthalene	15.611	128	150758	10.809	ug/l	99

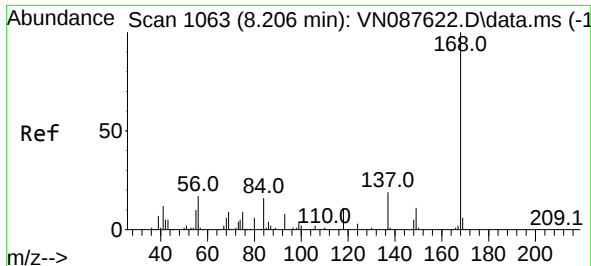
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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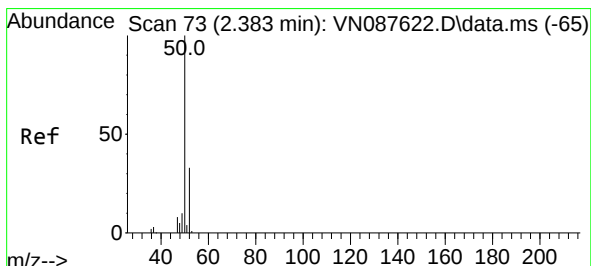
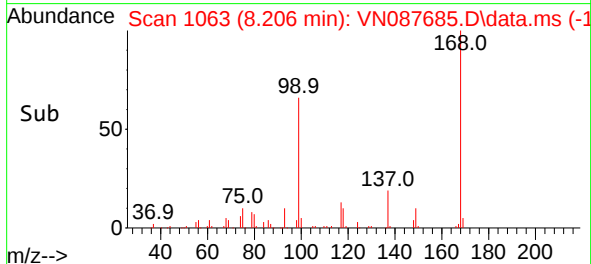
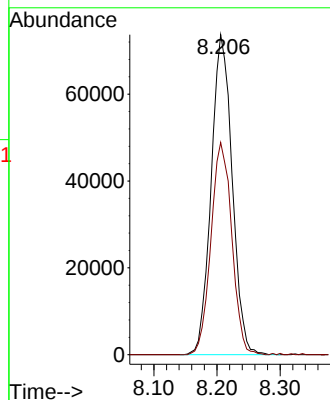
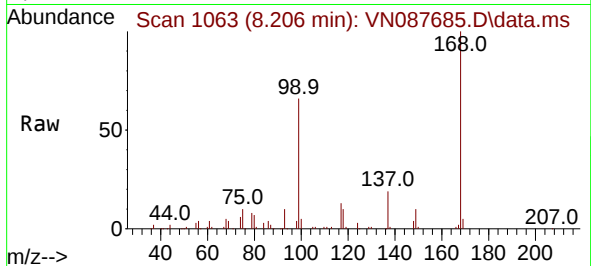




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

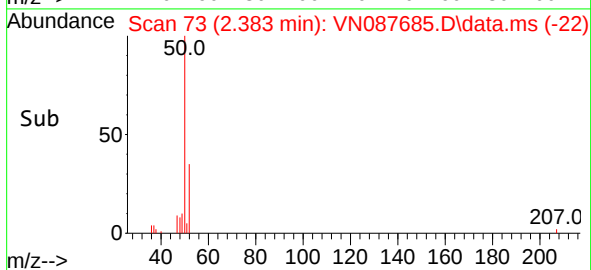
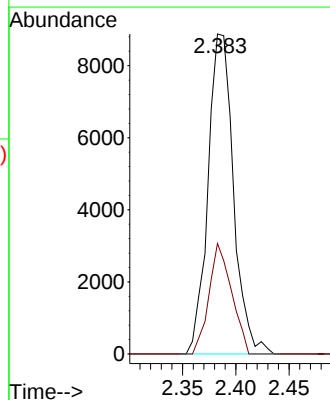
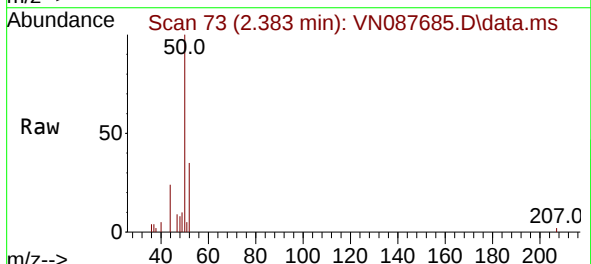
Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

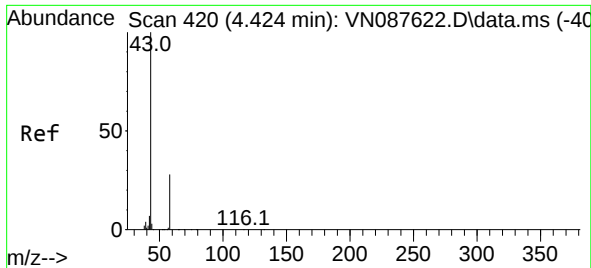
Tgt Ion:168 Resp: 169837
Ion Ratio Lower Upper
168 100
99 66.3 57.2 85.8



#3
Chloromethane
Concen: 5.953 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 50 Resp: 14758
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.4

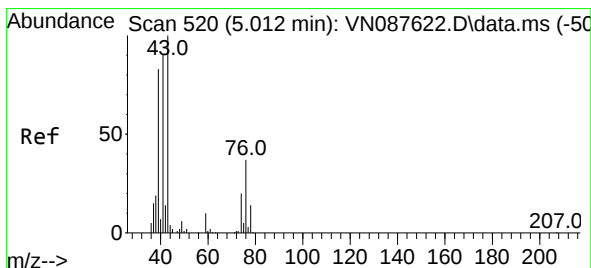
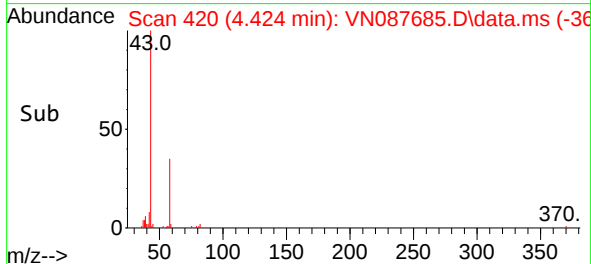
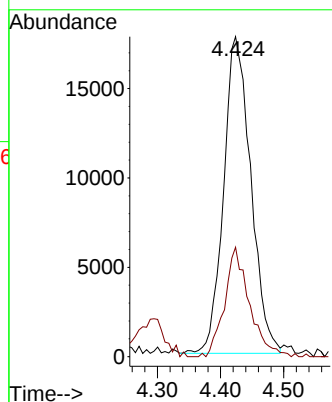
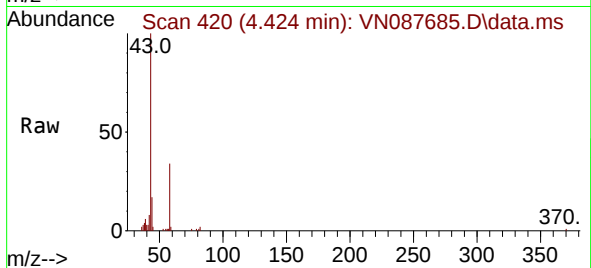




#16
Acetone
Concen: 28.022 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

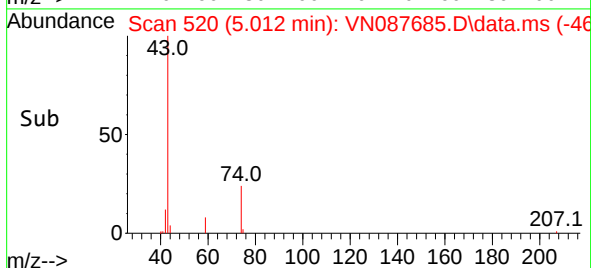
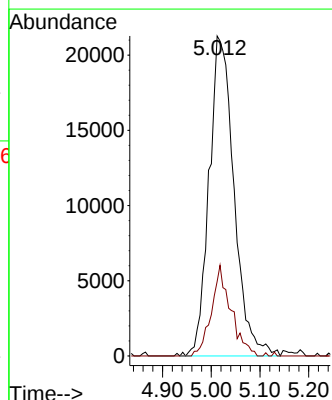
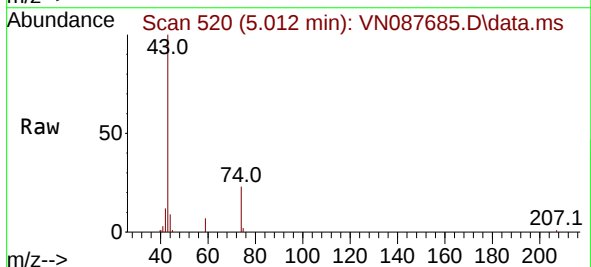
Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

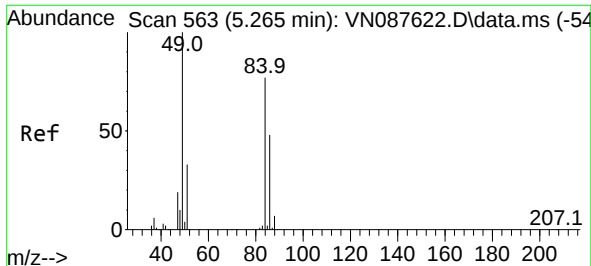
Tgt Ion: 43 Resp: 53081
Ion Ratio Lower Upper
43 100
58 34.6 22.6 33.8#



#18
Methyl Acetate
Concen: 19.045 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 43 Resp: 75536
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4

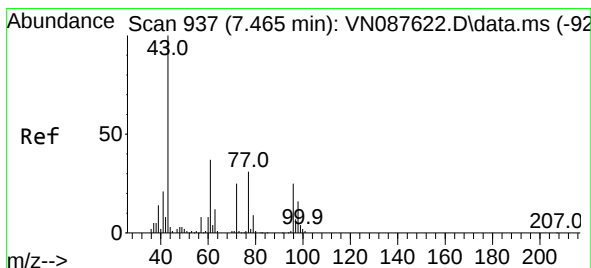
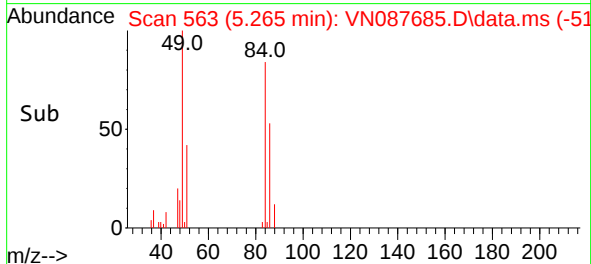
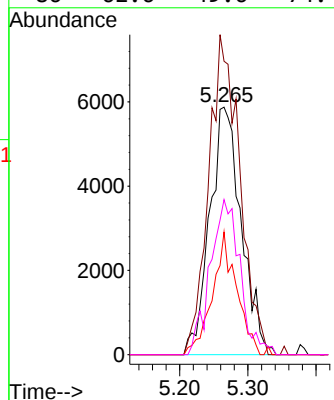
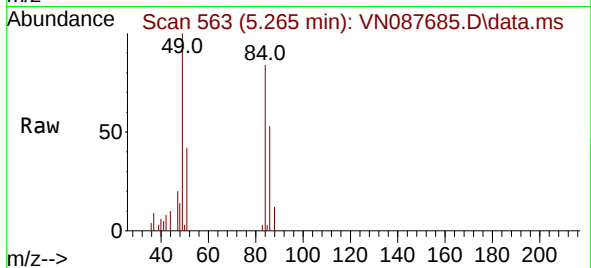




#20
Methylene Chloride
Concen: 5.817 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

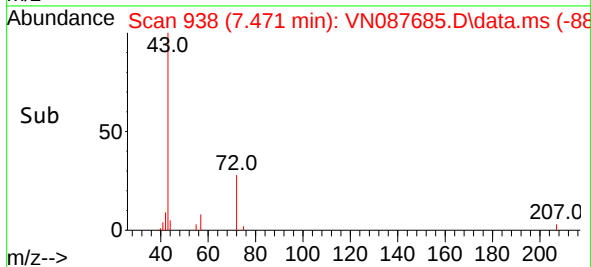
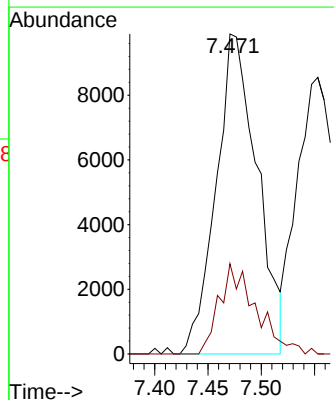
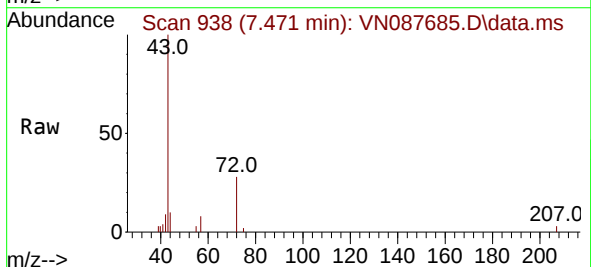
Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

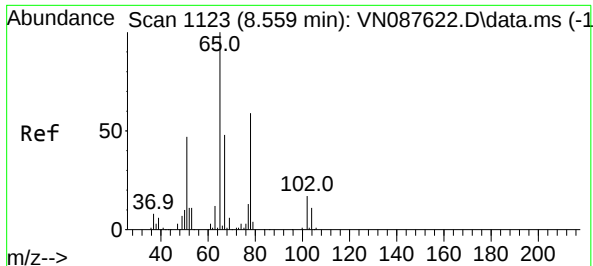
Tgt Ion:	84	Resp:	18944
Ion	Ratio	Lower	Upper
84	100		
49	118.5	103.4	155.2
51	49.5	33.8	50.8
86	62.6	49.6	74.4



#25
2-Butanone
Concen: 10.633 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion:	43	Resp:	26500
Ion	Ratio	Lower	Upper
43	100		
72	28.2	19.9	29.9





#33

1,2-Dichloroethane-d4

Concen: 55.699 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087685.D

Acq: 28 Aug 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

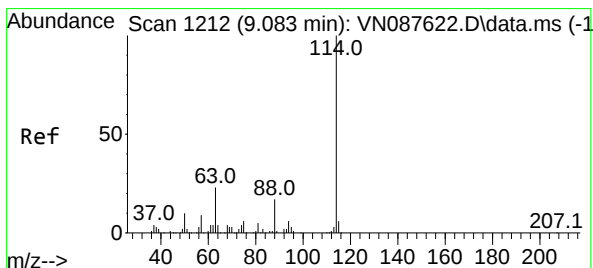
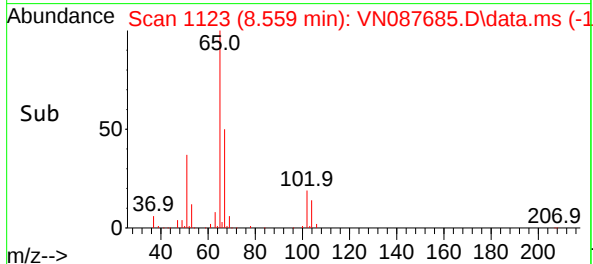
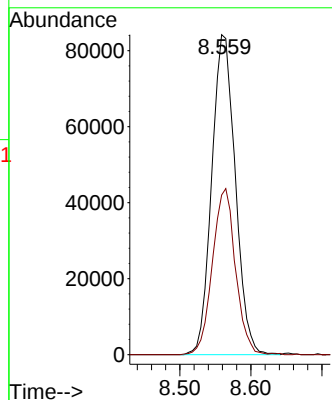
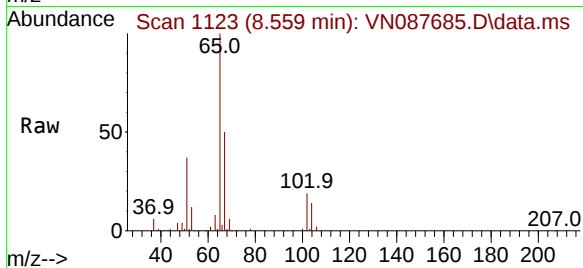
NWB-2202

Tgt Ion: 65 Resp: 193821

Ion Ratio Lower Upper

65 100

67 50.8 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: VN087685.D

Acq: 28 Aug 2025 15:08

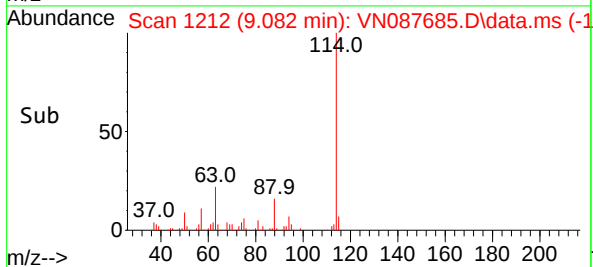
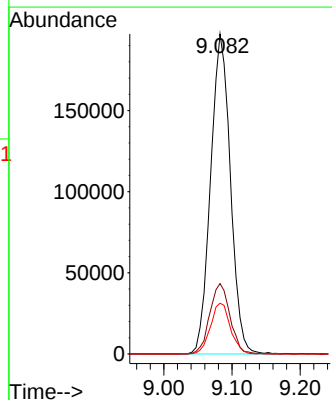
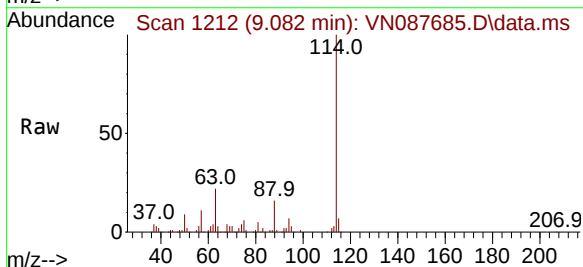
Tgt Ion: 114 Resp: 398677

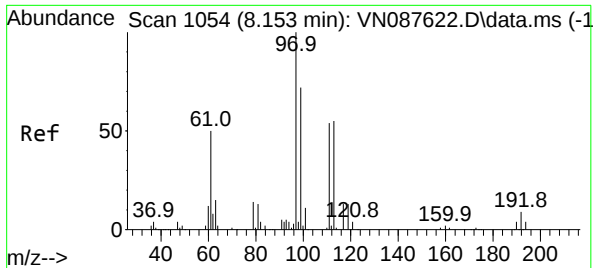
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

88 15.9 0.0 33.4

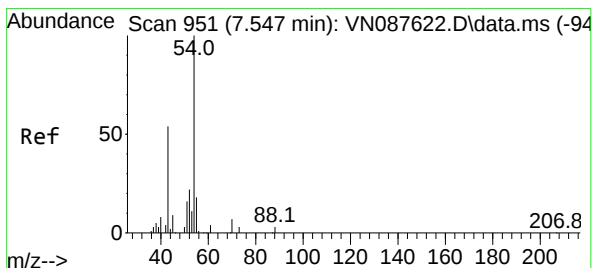
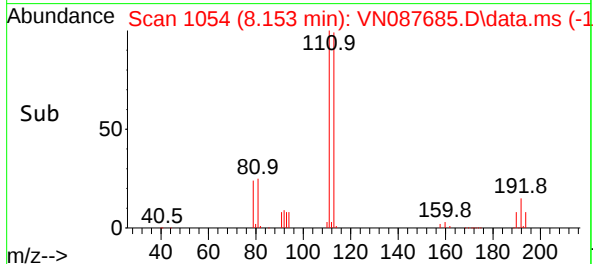
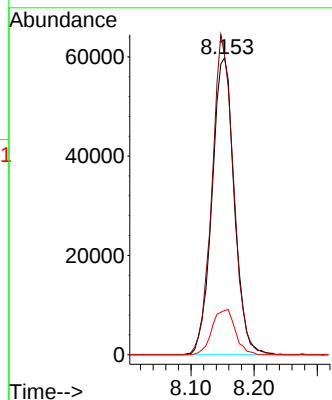
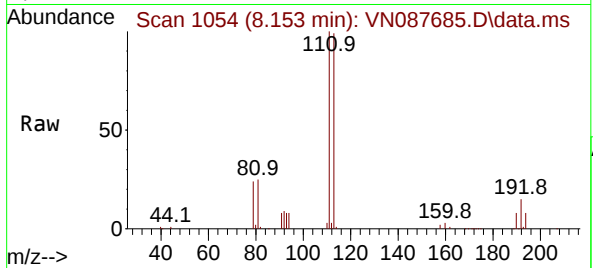




#35
Dibromofluoromethane
Concen: 50.816 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

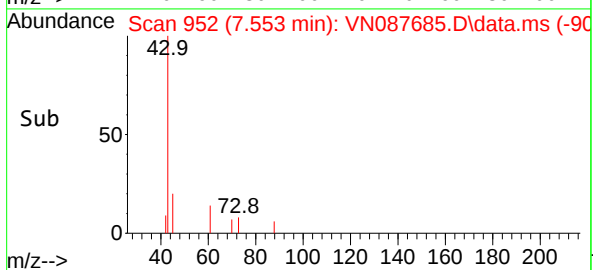
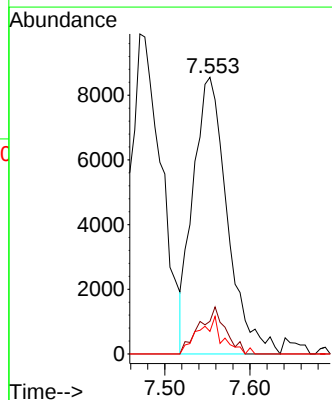
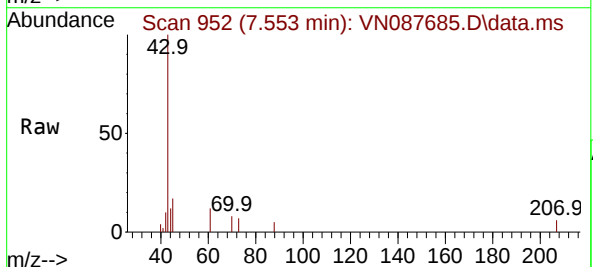
Instrument :
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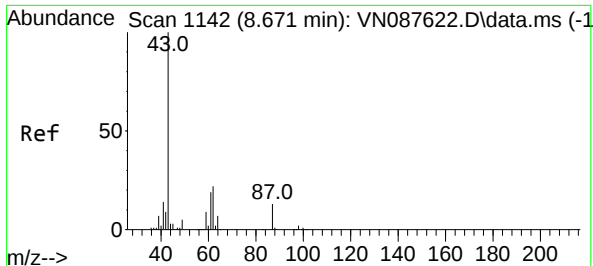
Tgt Ion:113 Resp: 146270
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 15.8 12.8 19.2



#37
Ethyl Acetate
Concen: 3.954 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 43 Resp: 23861
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 9.6 7.0 10.6

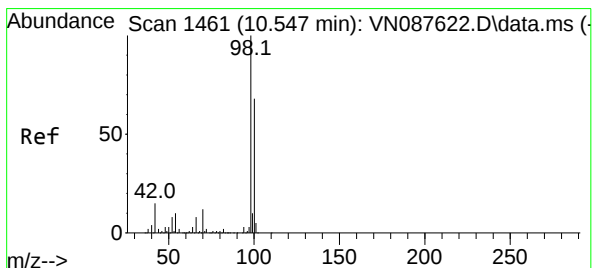
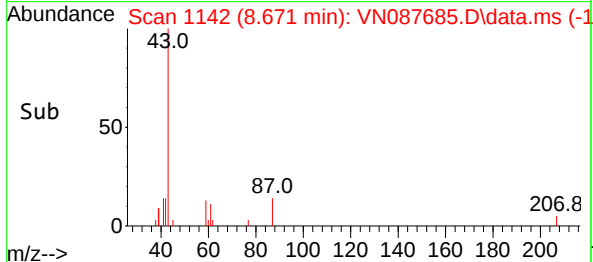
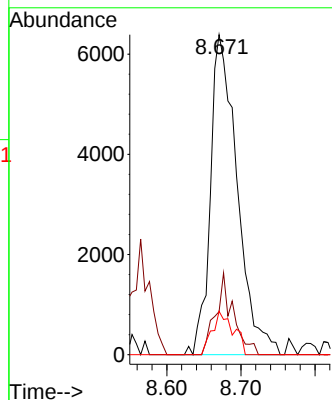
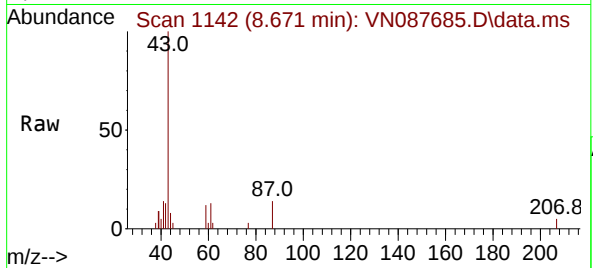




#43
Isopropyl Acetate
Concen: 1.706 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

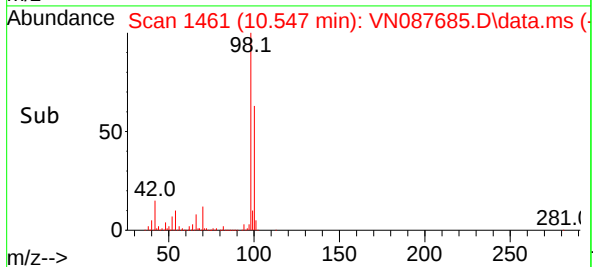
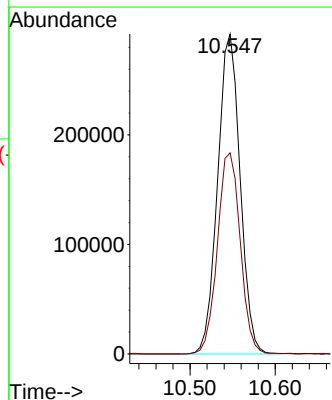
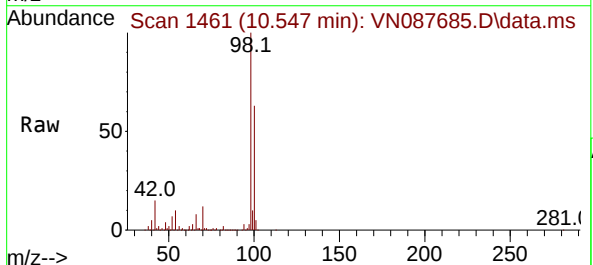
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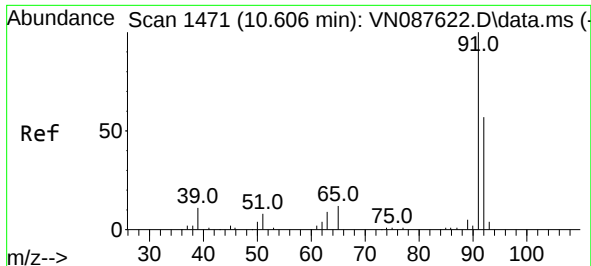
Tgt Ion: 43 Resp: 16072
Ion Ratio Lower Upper
43 100
61 16.8 18.8 28.2#
87 10.6 9.6 14.4



#50
Toluene-d8
Concen: 49.743 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 98 Resp: 535900
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2

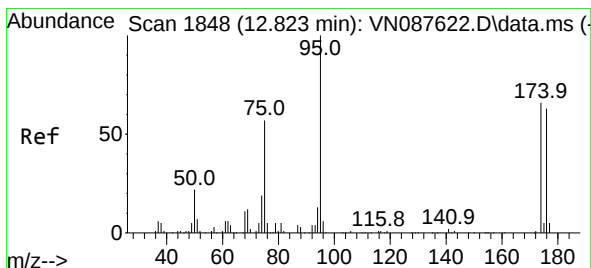
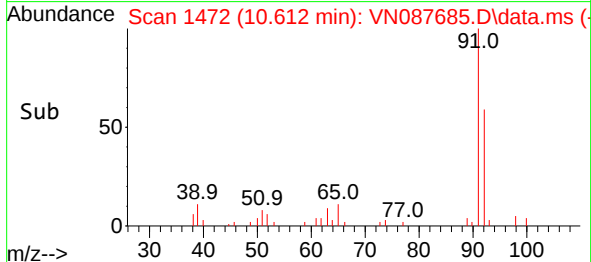
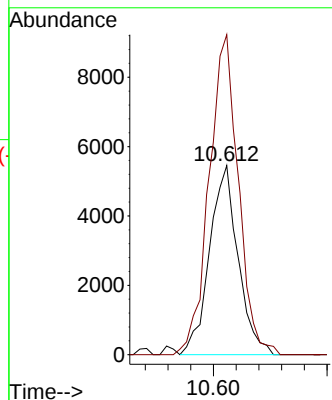
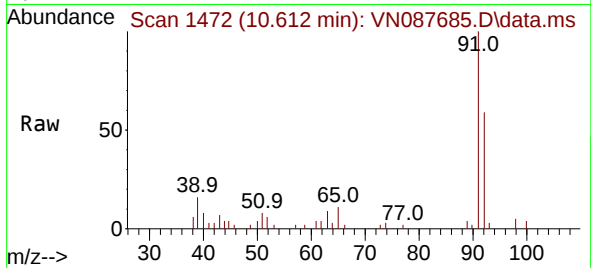




#52
Toluene
Concen: 1.135 ug/l
RT: 10.612 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

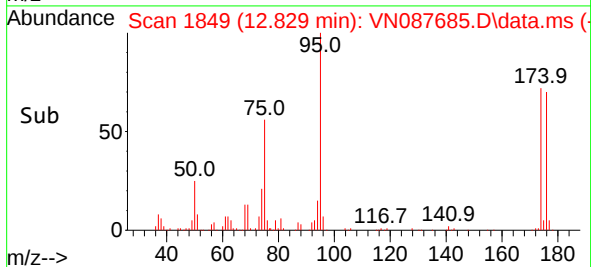
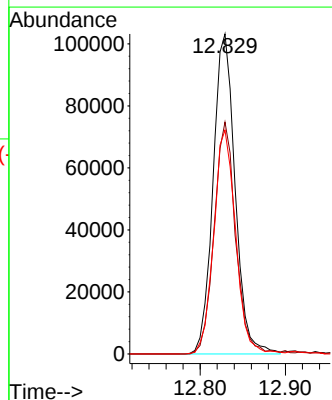
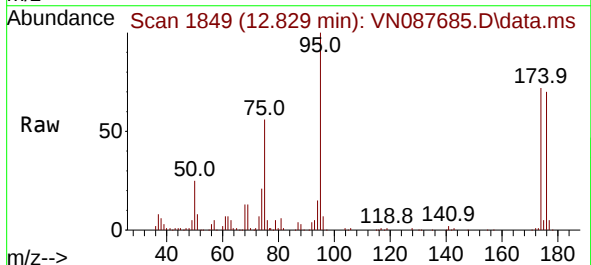
Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

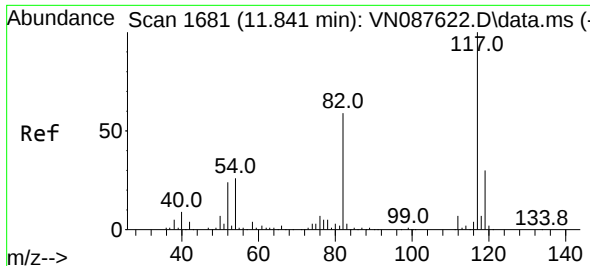
Tgt Ion: 92 Resp: 9526
Ion Ratio Lower Upper
92 100
91 173.0 140.4 210.6



#62
4-Bromofluorobenzene
Concen: 48.376 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 95 Resp: 185348
Ion Ratio Lower Upper
95 100
174 71.0 0.0 138.4
176 69.6 0.0 132.6

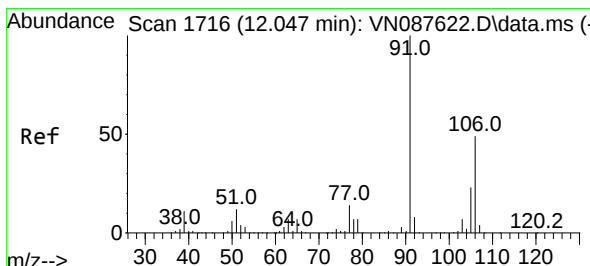
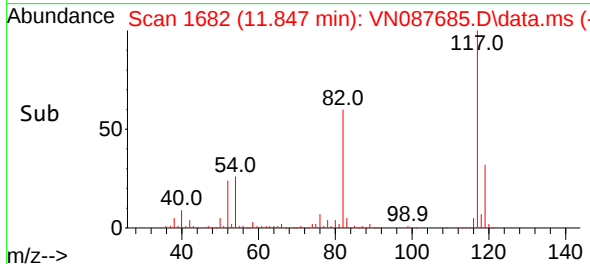
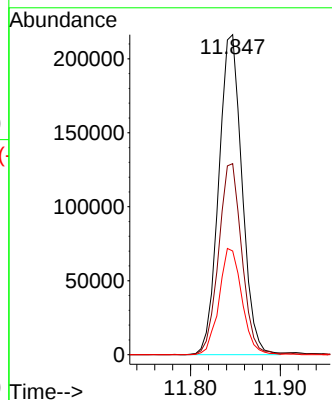
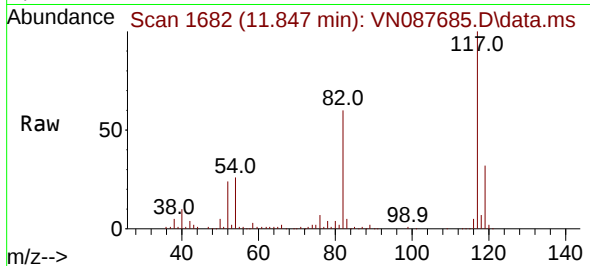




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

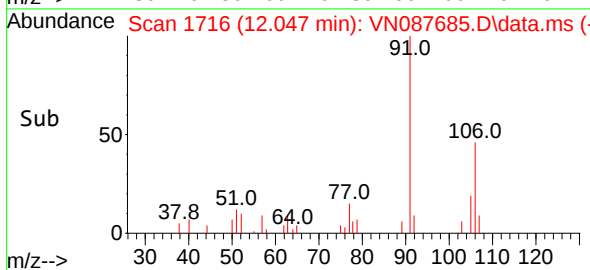
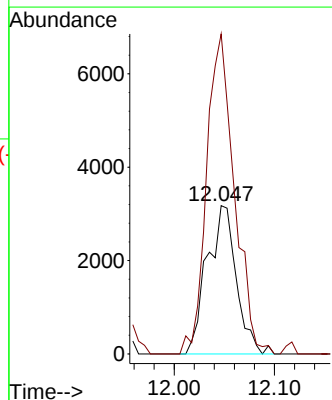
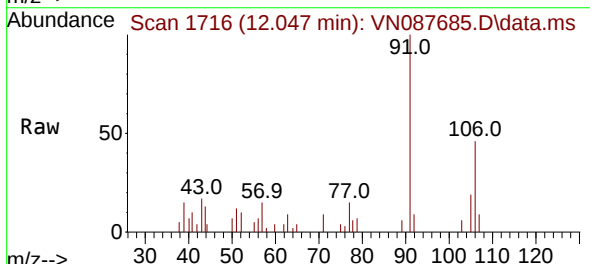
Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

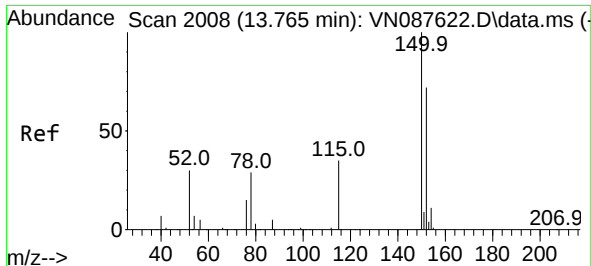
Tgt Ion:117 Resp: 389346
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.4 24.3 36.5



#68
m/p-Xylenes
Concen: 1.047 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion:106 Resp: 6438
Ion Ratio Lower Upper
106 100
91 205.5 169.3 253.9

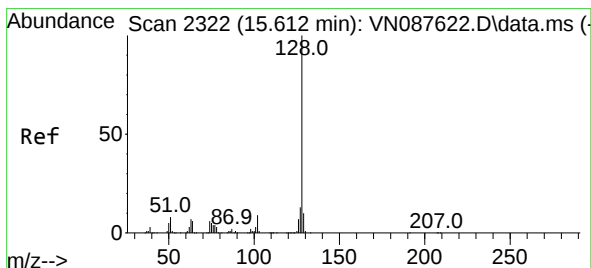
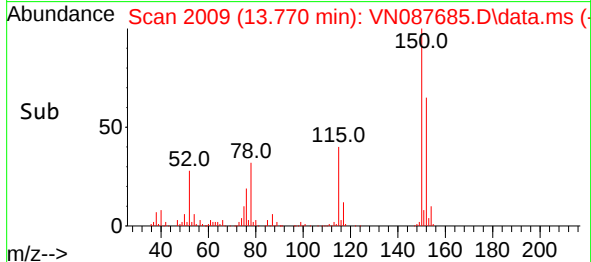
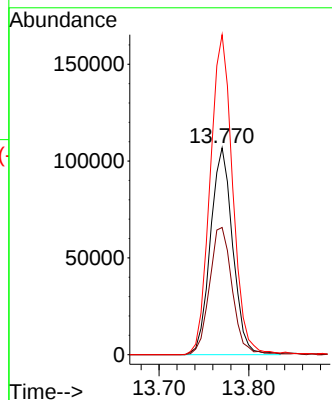
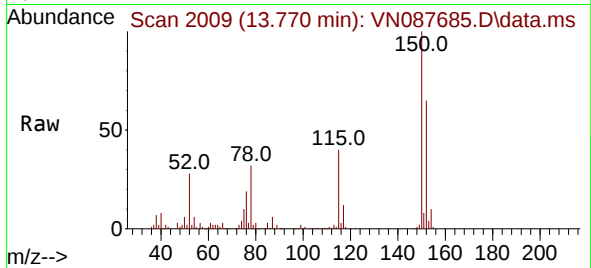




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2008
 Delta R.T. 0.006 min
 Lab File: VN087685.D
 Acq: 28 Aug 2025 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2202

Tgt Ion:152 Resp: 184217
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 157.1 0.0 351.0



#95
 Naphthalene
 Concen: 10.809 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. -0.000 min
 Lab File: VN087685.D
 Acq: 28 Aug 2025 15:08

Tgt Ion:128 Resp: 150758
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.6 15.8
 129 10.4 8.6 12.8

