

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087683.D
 Acq On : 28 Aug 2025 14:26
 Operator : JC\MD
 Sample : Q2959-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2200

Quant Time: Aug 29 03:18:28 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)

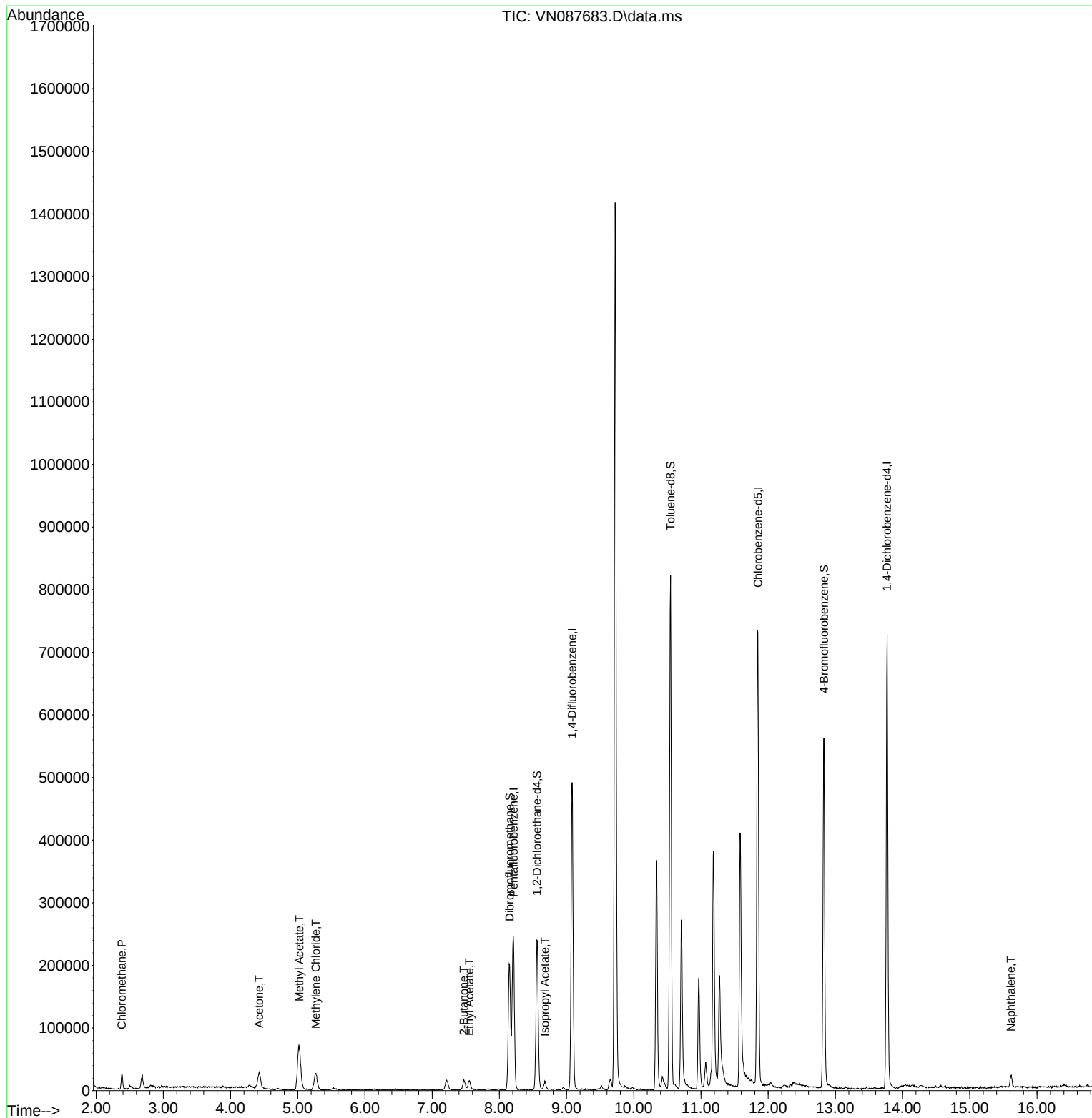
Internal Standards						
1) Pentafluorobenzene	8.212	168	168668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	398620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	399523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	179426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	196898	56.976	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.960%		
35) Dibromofluoromethane	8.153	113	146312	50.838	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.680%		
50) Toluene-d8	10.547	98	532406	49.425	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.860%		
62) 4-Bromofluorobenzene	12.829	95	187691	48.995	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 97.980%		
Target Compounds						
						Qvalue
3) Chloromethane	2.383	50	24405	9.913	ug/l	97
16) Acetone	4.424	43	45858	24.377	ug/l	98
18) Methyl Acetate	5.024	43	157973	40.106	ug/l	98
20) Methylene Chloride	5.271	84	20370	6.404	ug/l	85
25) 2-Butanone	7.471	43	25285	10.216	ug/l #	89
37) Ethyl Acetate	7.553	43	22223	3.683	ug/l #	93
43) Isopropyl Acetate	8.677	43	15531	1.649	ug/l #	92
95) Naphthalene	15.611	128	17867	1.315	ug/l #	96

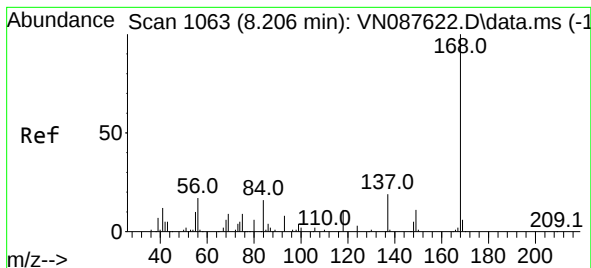
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
Data File : VN087683.D
Acq On : 28 Aug 2025 14:26
Operator : JC\MD
Sample : Q2959-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-2200

Quant Time: Aug 29 03:18:28 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

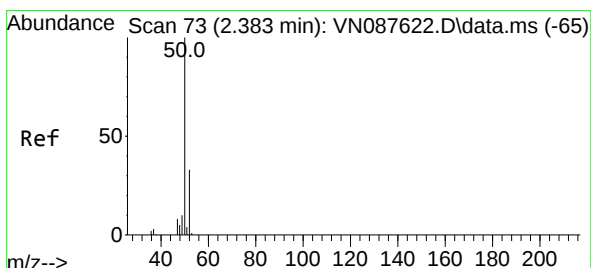
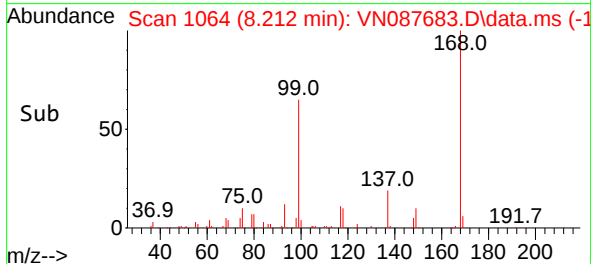
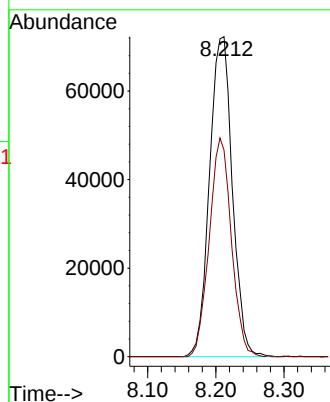
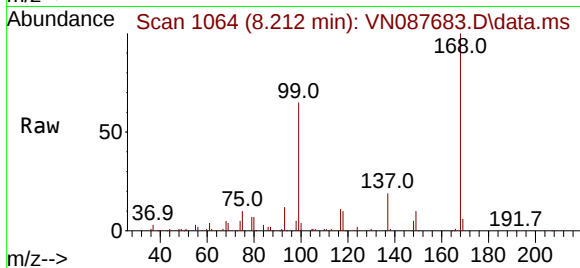




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

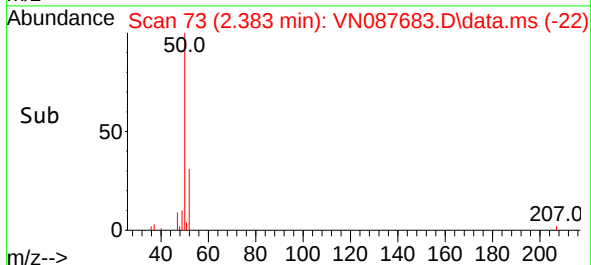
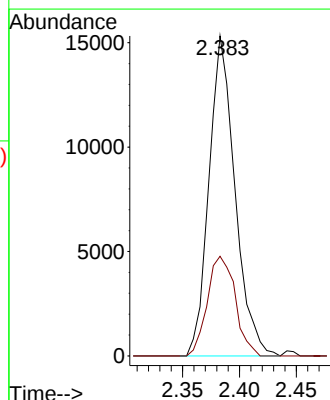
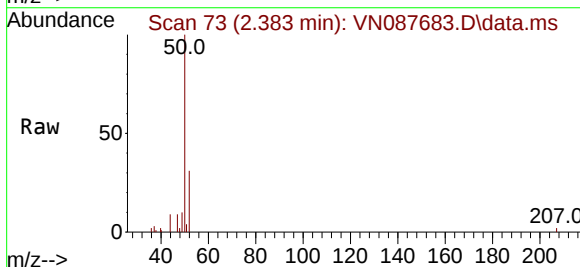
Instrument :
MSVOA_N
ClientSampleId :
NWB-2200

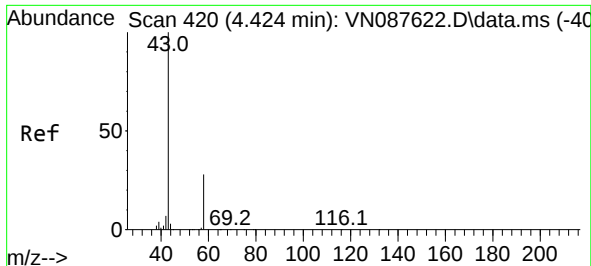
Tgt Ion:168 Resp: 168668
Ion Ratio Lower Upper
168 100
99 64.5 57.2 85.8



#3
Chloromethane
Concen: 9.913 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

Tgt Ion: 50 Resp: 24405
Ion Ratio Lower Upper
50 100
52 31.1 26.2 39.4

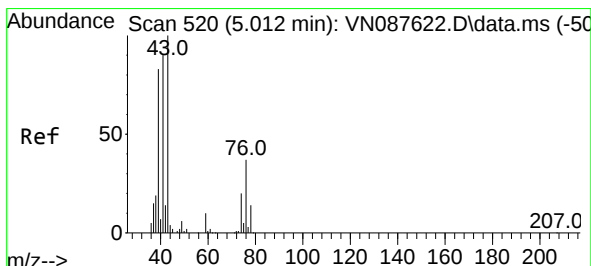
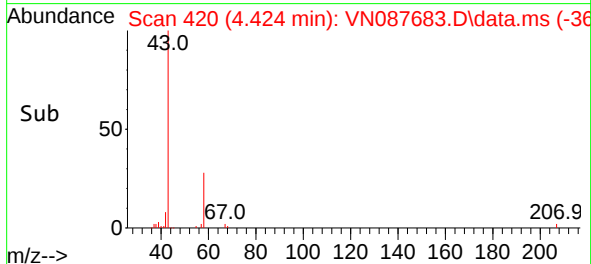
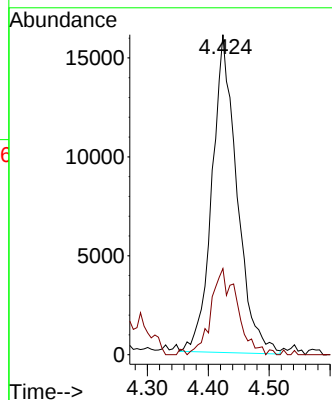
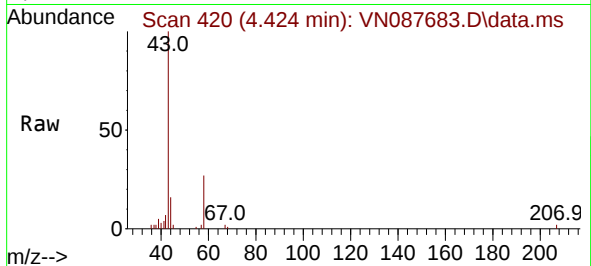




#16
Acetone
Concen: 24.377 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

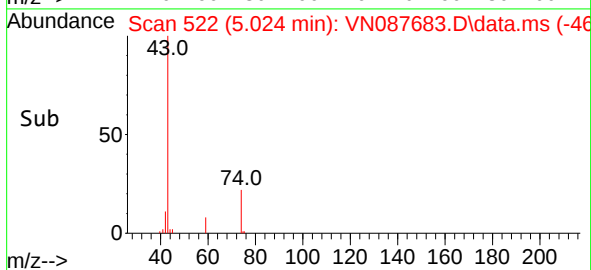
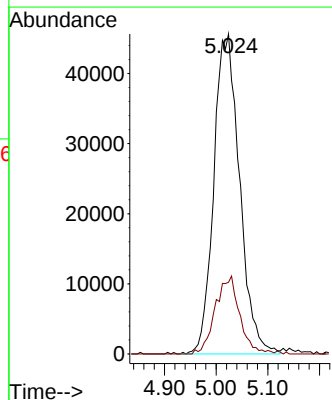
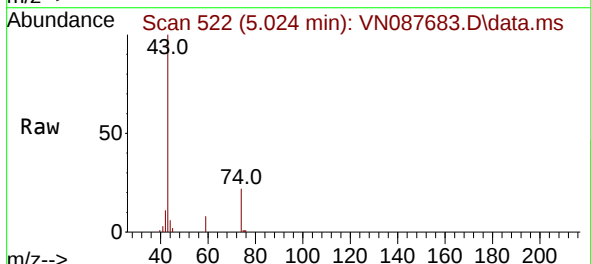
Instrument :
MSVOA_N
ClientSampleId :
NWB-2200

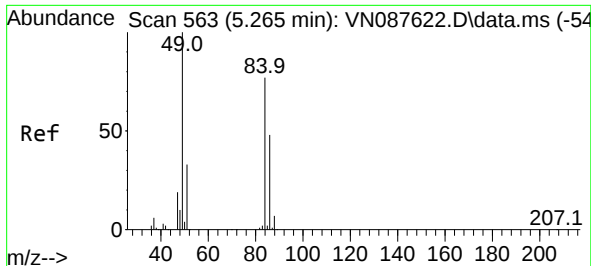
Tgt Ion: 43 Resp: 45858
Ion Ratio Lower Upper
43 100
58 27.2 22.6 33.8



#18
Methyl Acetate
Concen: 40.106 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

Tgt Ion: 43 Resp: 157973
Ion Ratio Lower Upper
43 100
74 23.0 17.6 26.4

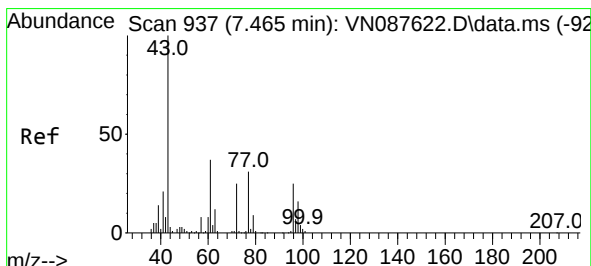
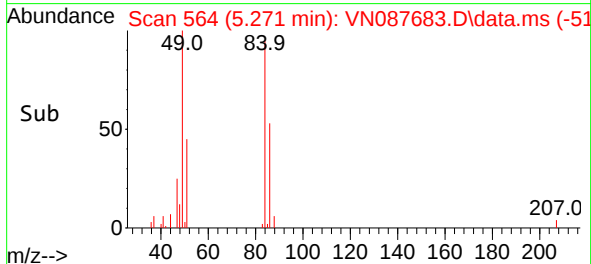
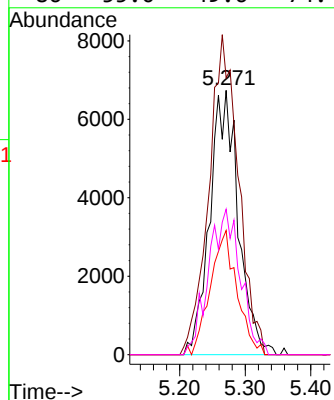
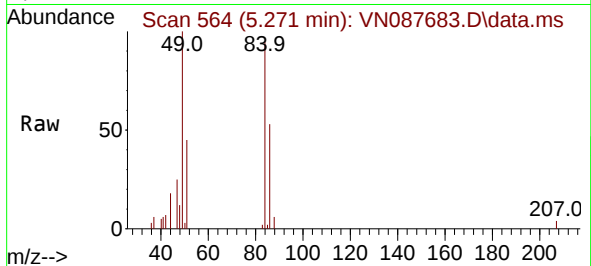




#20
Methylene Chloride
Concen: 6.404 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

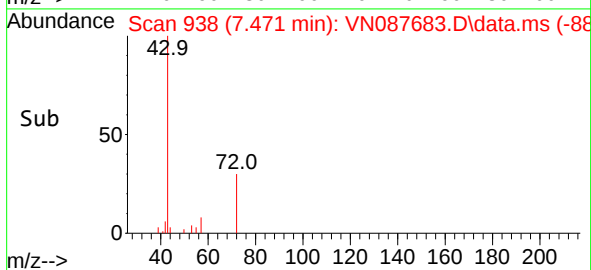
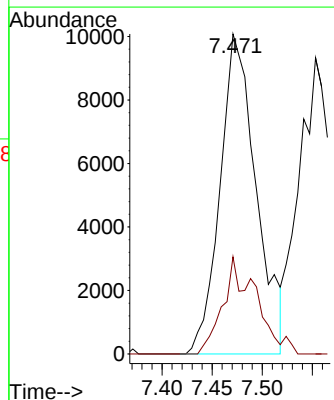
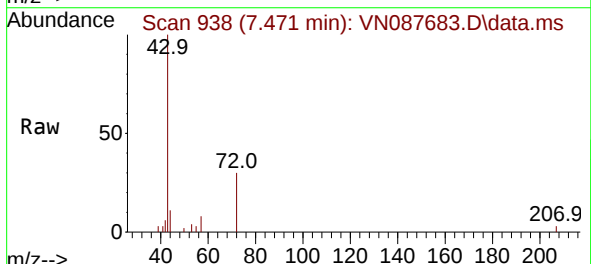
Instrument :
MSVOA_N
ClientSampleId :
NWB-2200

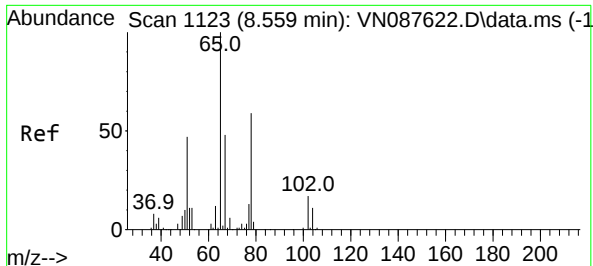
Tgt Ion:	84	Resp:	20370
Ion	Ratio	Lower	Upper
84	100		
49	104.8	103.4	155.2
51	47.0	33.8	50.8
86	55.0	49.6	74.4



#25
2-Butanone
Concen: 10.216 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

Tgt Ion:	43	Resp:	25285
Ion	Ratio	Lower	Upper
43	100		
72	30.4	19.9	29.9#





#33

1,2-Dichloroethane-d4

Concen: 56.976 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087683.D

Acq: 28 Aug 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

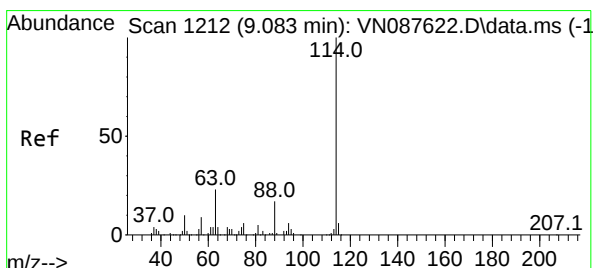
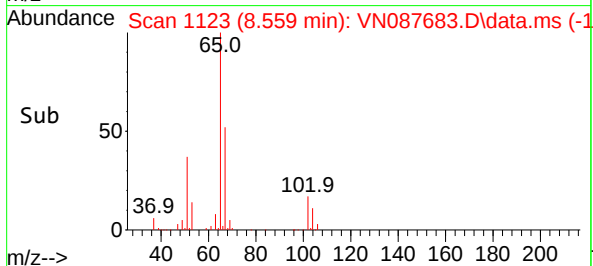
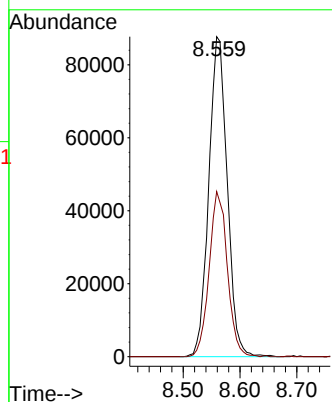
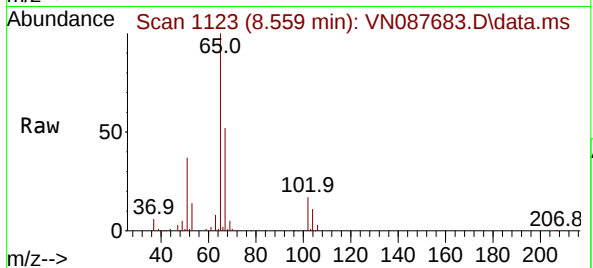
NWB-2200

Tgt Ion: 65 Resp: 196898

Ion Ratio Lower Upper

65 100

67 51.0 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: VN087683.D

Acq: 28 Aug 2025 14:26

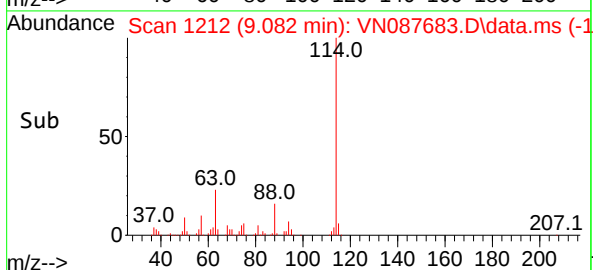
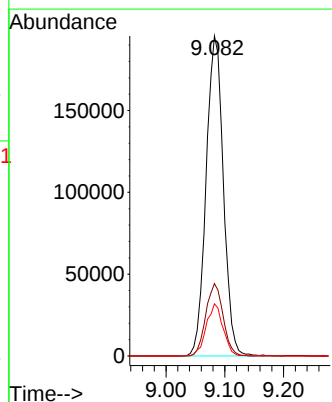
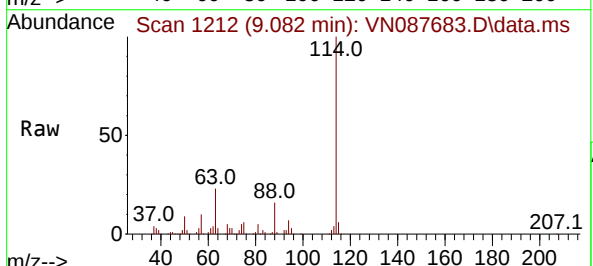
Tgt Ion: 114 Resp: 398620

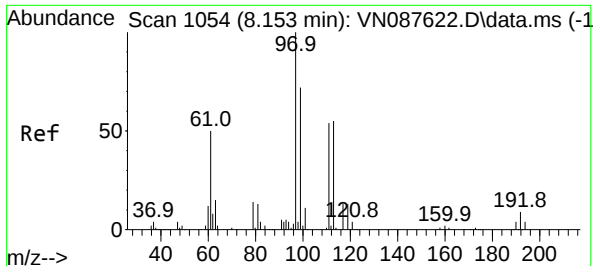
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.838 ug/l

RT: 8.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087683.D

Acq: 28 Aug 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

NWB-2200

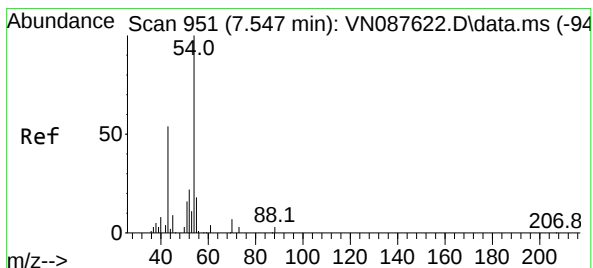
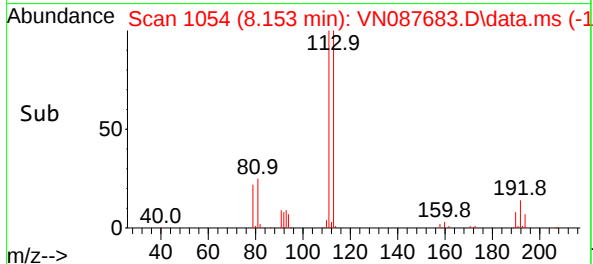
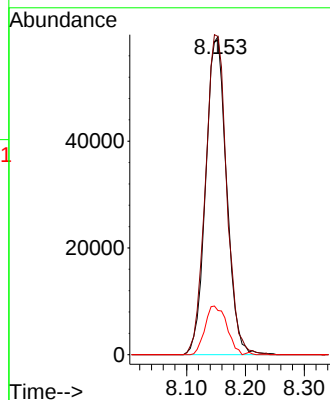
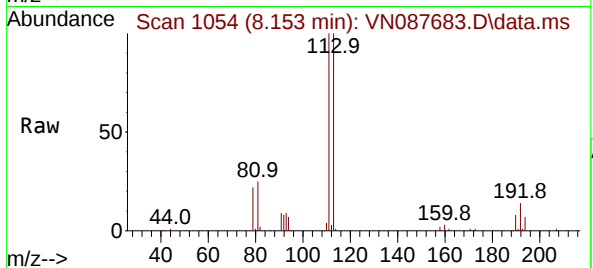
Tgt Ion:113 Resp: 146312

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 16.0 12.8 19.2



#37

Ethyl Acetate

Concen: 3.683 ug/l

RT: 7.553 min Scan# 952

Delta R.T. 0.006 min

Lab File: VN087683.D

Acq: 28 Aug 2025 14:26

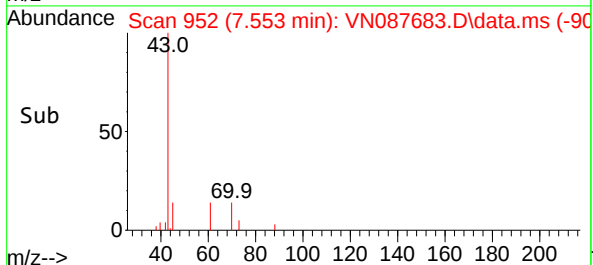
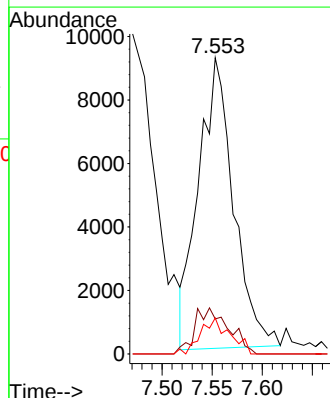
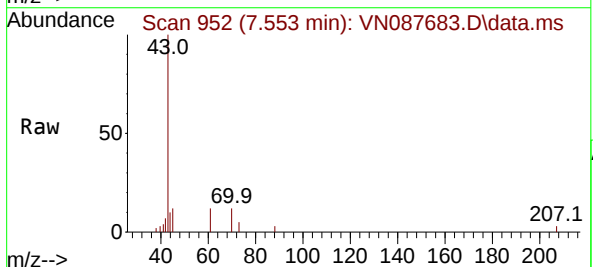
Tgt Ion: 43 Resp: 22223

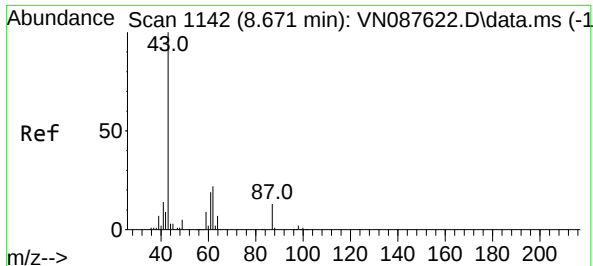
Ion Ratio Lower Upper

43 100

61 15.4 9.3 13.9#

70 10.4 7.0 10.6

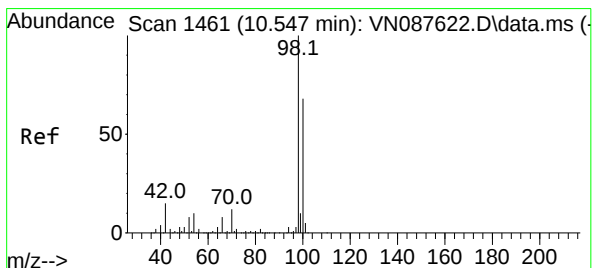
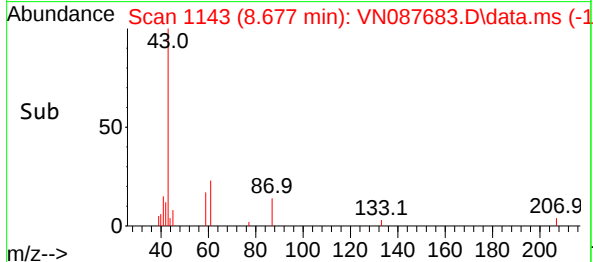
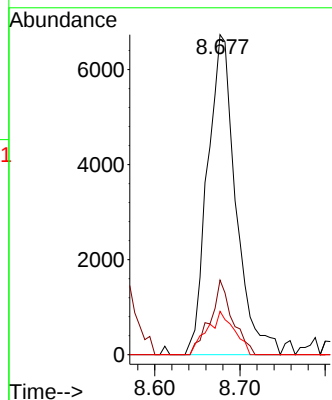
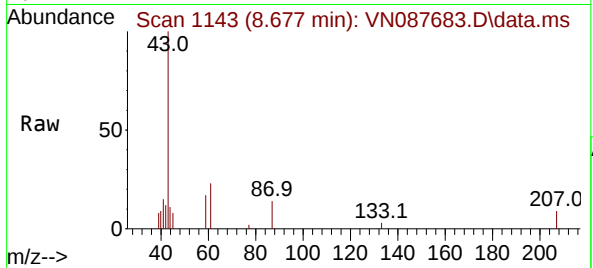




#43
Isopropyl Acetate
Concen: 1.649 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

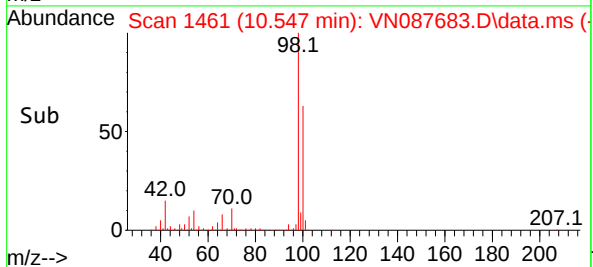
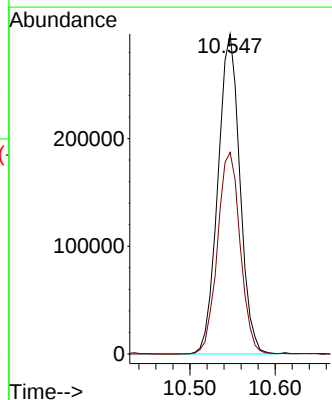
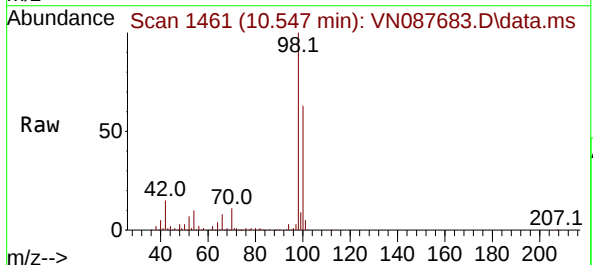
Instrument :
MSVOA_N
ClientSampleId :
NWB-2200

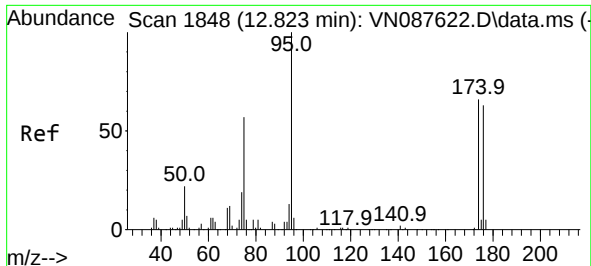
Tgt Ion: 43 Resp: 15531
Ion Ratio Lower Upper
43 100
61 18.4 18.8 28.2#
87 12.9 9.6 14.4



#50
Toluene-d8
Concen: 49.425 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

Tgt Ion: 98 Resp: 532406
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2

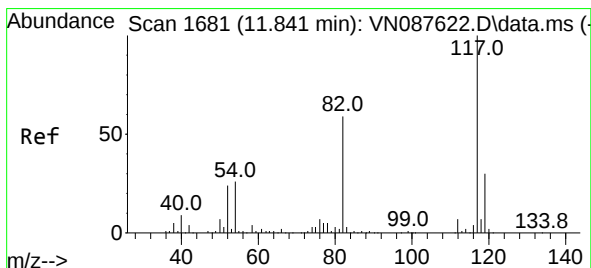
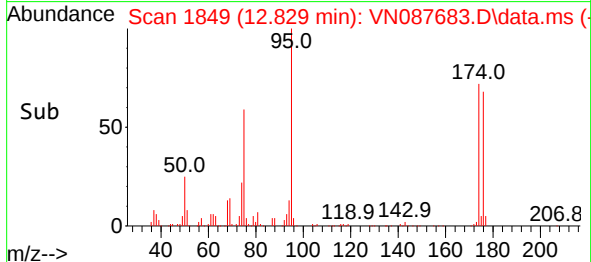
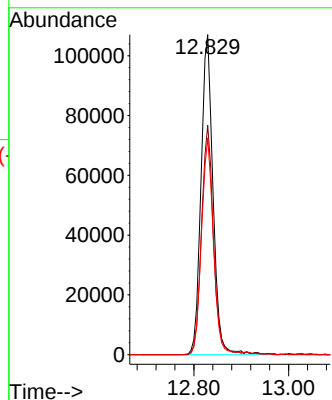
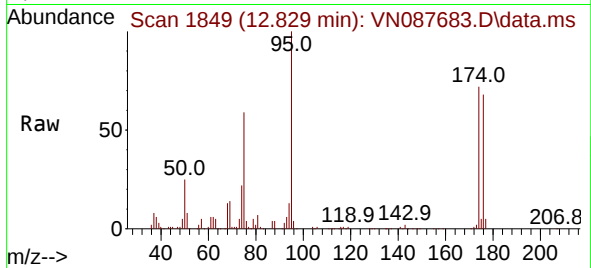




#62
4-Bromofluorobenzene
Concen: 48.995 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

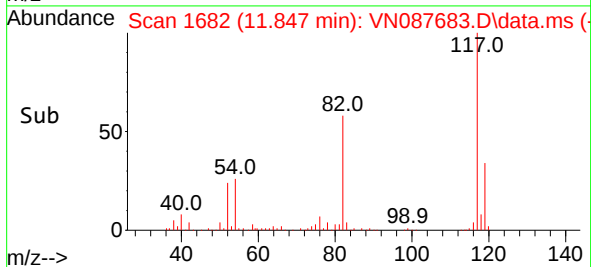
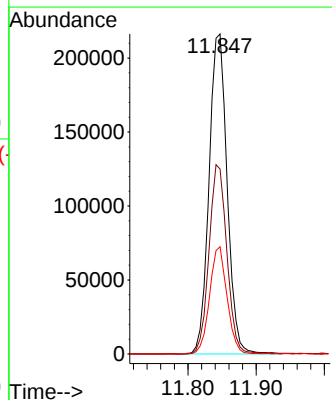
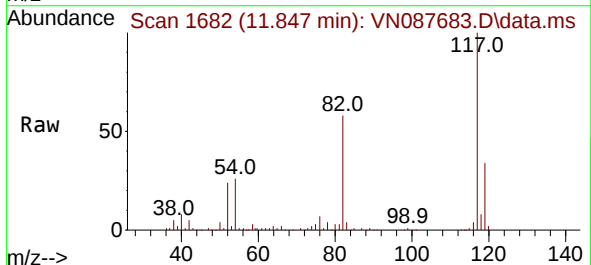
Instrument :
MSVOA_N
ClientSampleId :
NWB-2200

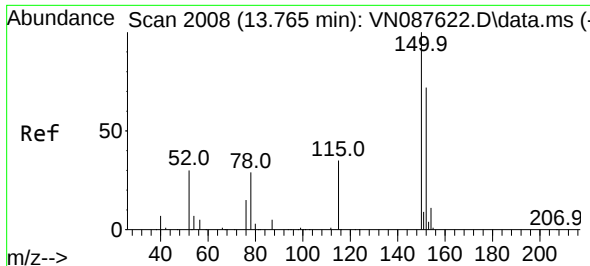
Tgt Ion: 95 Resp: 187691
Ion Ratio Lower Upper
95 100
174 70.9 0.0 138.4
176 67.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087683.D
Acq: 28 Aug 2025 14:26

Tgt Ion: 117 Resp: 399523
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 33.5 24.3 36.5

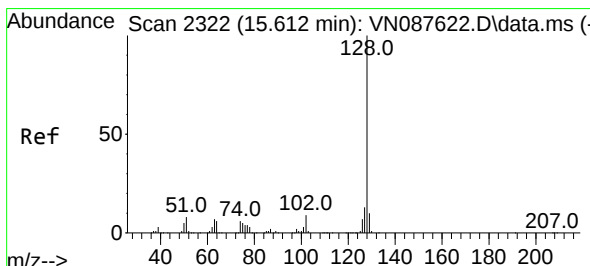
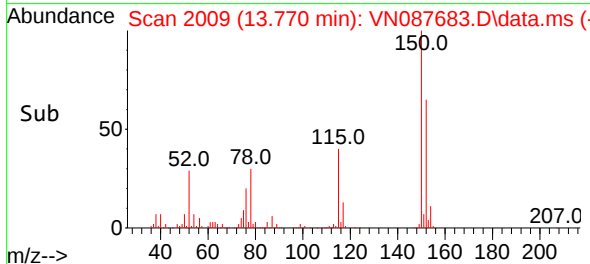
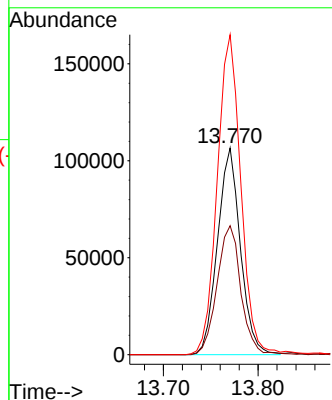
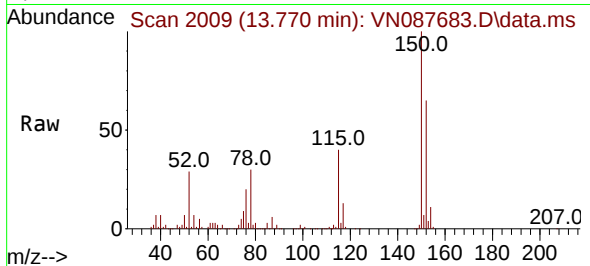




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2008
 Delta R.T. 0.006 min
 Lab File: VN087683.D
 Acq: 28 Aug 2025 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2200

Tgt Ion:152 Resp: 179426
 Ion Ratio Lower Upper
 152 100
 115 65.0 32.3 96.8
 150 159.9 0.0 351.0



#95
 Naphthalene
 Concen: 1.315 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. -0.000 min
 Lab File: VN087683.D
 Acq: 28 Aug 2025 14:26

Tgt Ion:128 Resp: 17867
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.6 15.8
 129 13.6 8.6 12.8#

