

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087302.D
 Acq On : 08 Jul 2025 16:18
 Operator : JC\MD
 Sample : Q2480-07 1000X
 Misc : 7.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GPX7

Quant Time: Jul 09 01:34:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	204543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	390740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	260034	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152268	59.314	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.620%
35) Dibromofluoromethane	8.171	113	129151	51.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	10.565	98	573614	58.820	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	117.640%#
62) 4-Bromofluorobenzene	12.847	95	238448	68.720	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	137.440%#

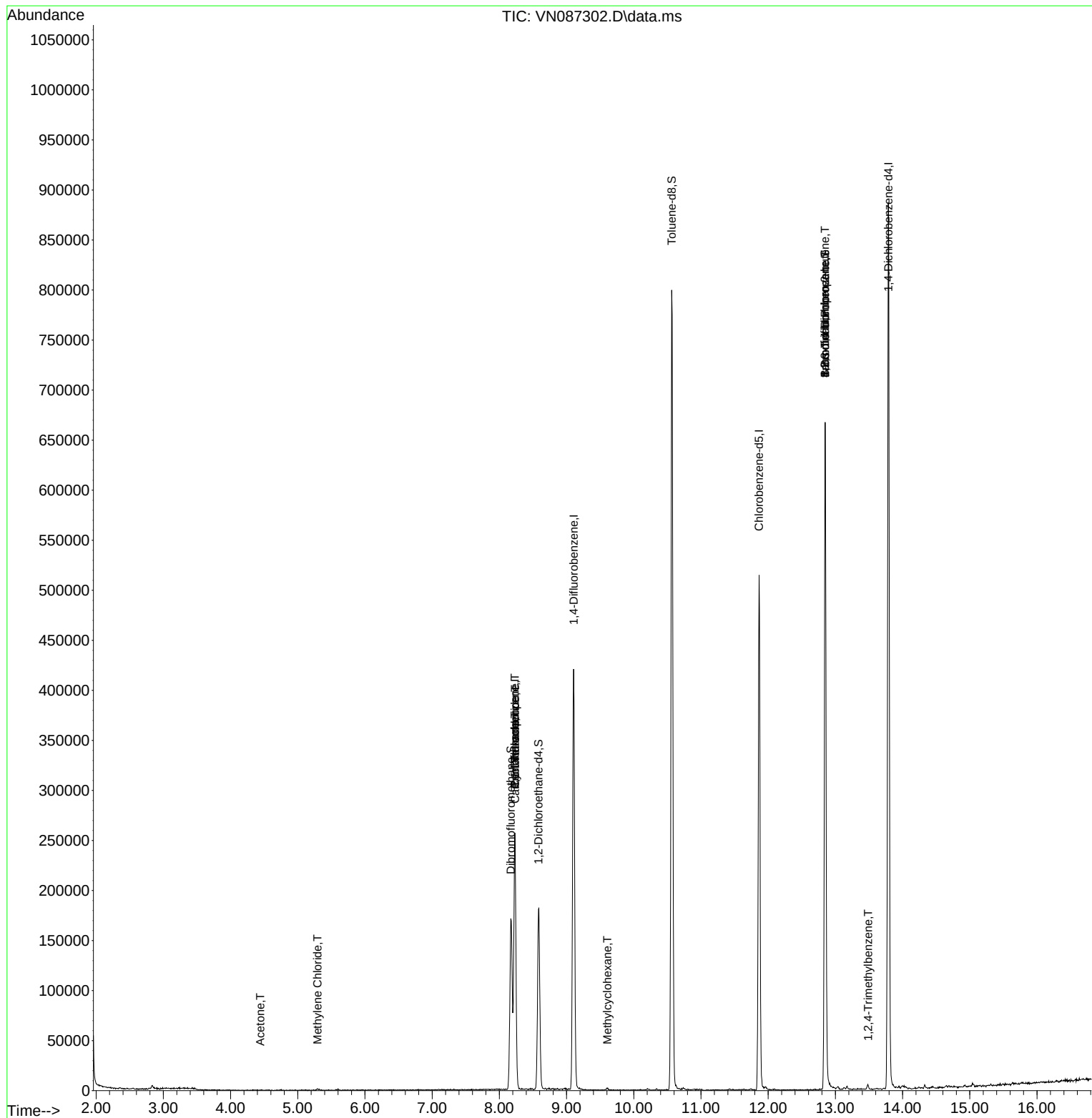
Target Compounds					Qvalue	
16) Acetone	4.441	43	257	0.262	ug/l #	41
20) Methylene Chloride	5.294	84	590	0.271	ug/l #	67
31) Cyclohexane	8.229	56	3978	1.138	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	13785	4.052	ug/l #	47
38) Carbon Tetrachloride	8.235	117	18370	4.765	ug/l #	16
39) Methylcyclohexane	9.606	83	900	0.222	ug/l #	75
71) Bromoform	12.847	173	1341	0.694	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	118349	23.928	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	118349	56.204	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.488	105	3235	0.231	ug/l	98

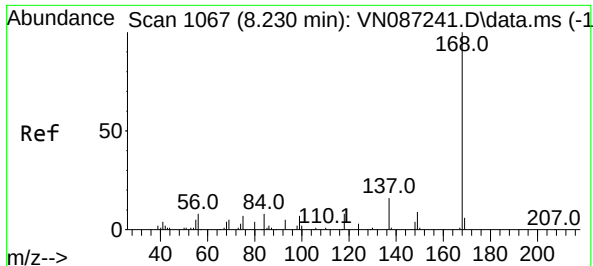
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

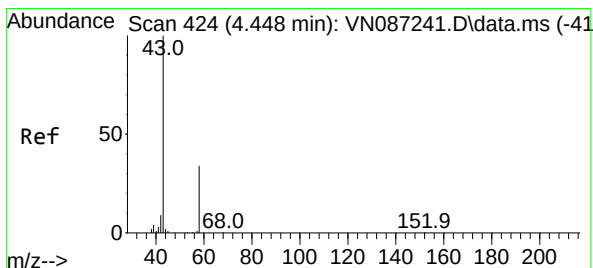
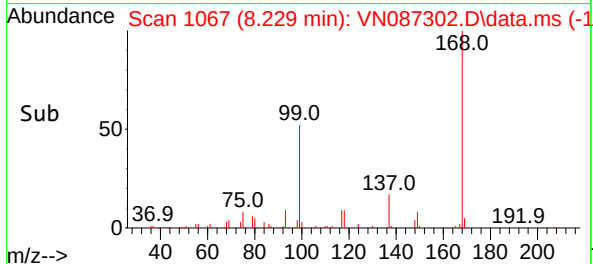
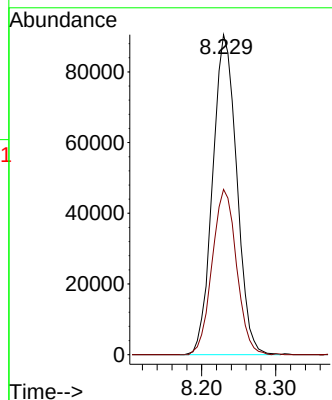
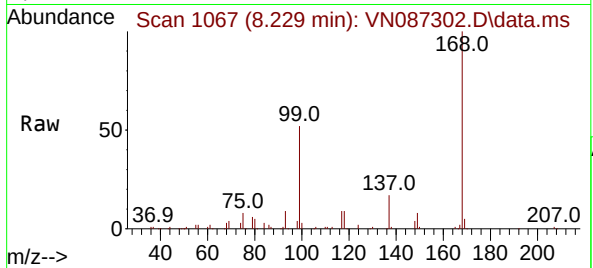




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

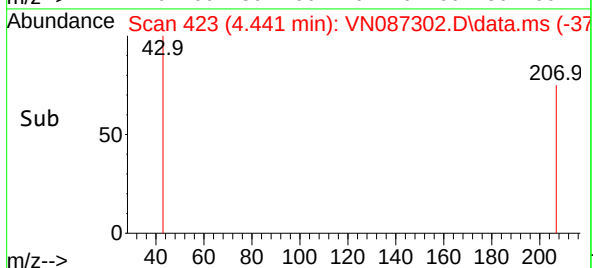
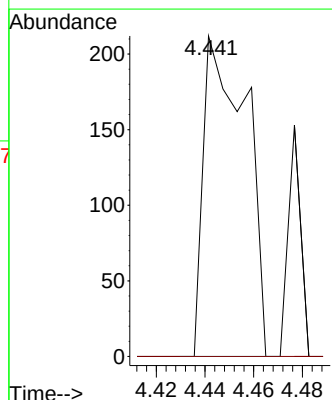
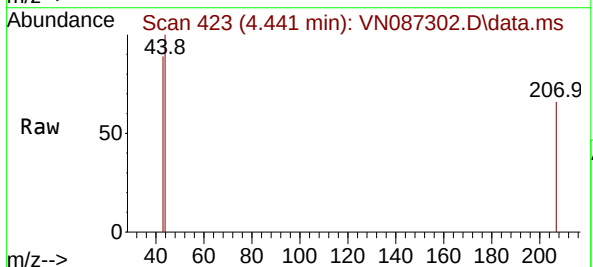
Instrument :
MSVOA_N
ClientSampleId :
GPX7

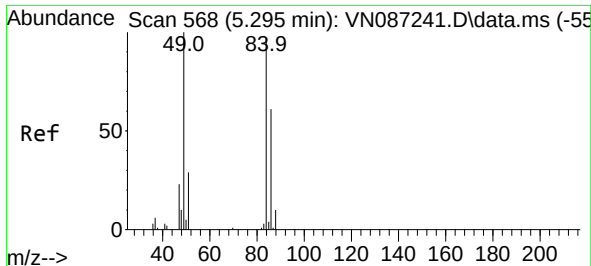
Tgt Ion:168 Resp: 204543
Ion Ratio Lower Upper
168 100
99 51.6 42.6 64.0



#16
Acetone
Concen: 0.262 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

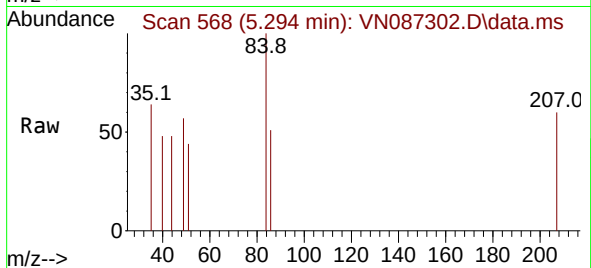
Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
58 0.0 27.1 40.7#





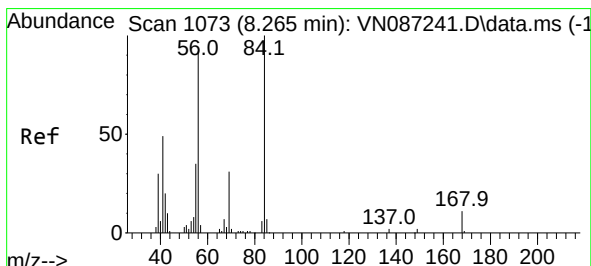
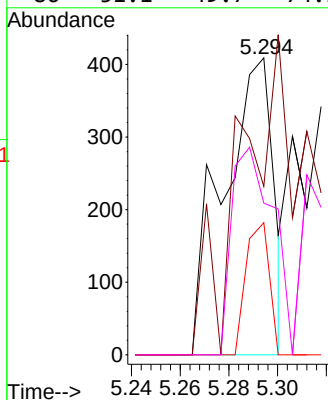
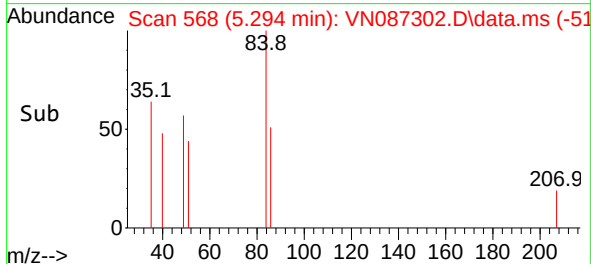
#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 5.294 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
GPX7



Tgt Ion: 84 Resp: 590

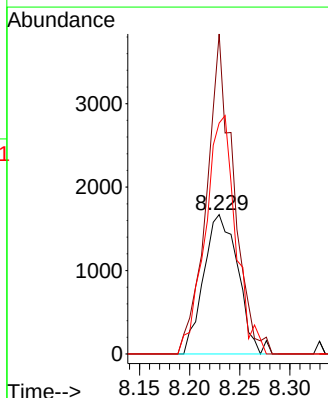
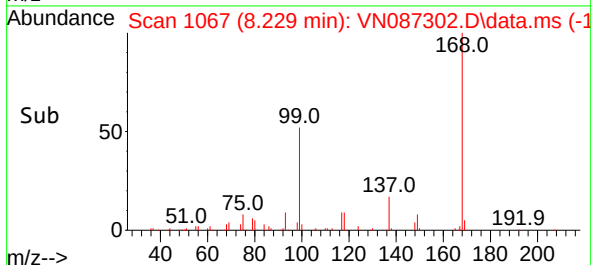
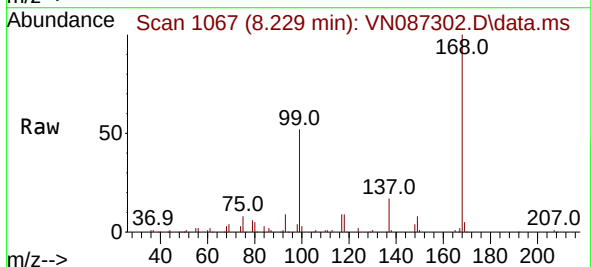
Ion	Ratio	Lower	Upper
84	100		
49	56.7	82.1	123.1#
51	44.5	23.5	35.3#
86	51.1	49.7	74.5

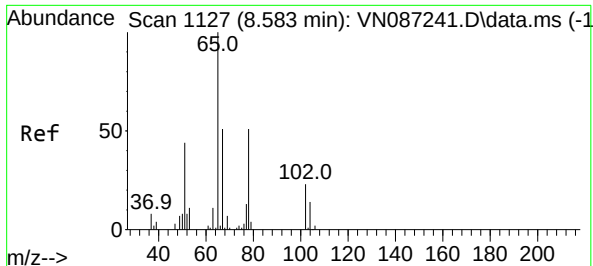


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion: 56 Resp: 3978

Ion	Ratio	Lower	Upper
56	100		
69	229.6	27.0	40.6#
84	165.6	86.2	129.4#





#33

1,2-Dichloroethane-d4

Concen: 59.314 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087302.D

Acq: 08 Jul 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

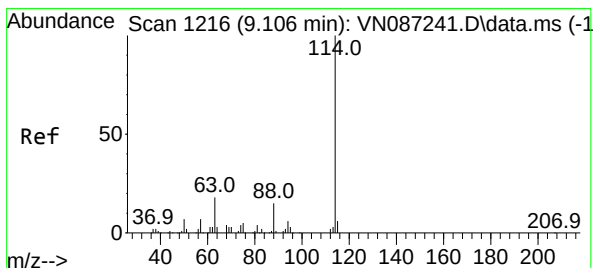
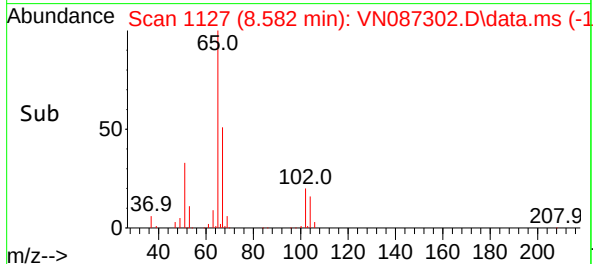
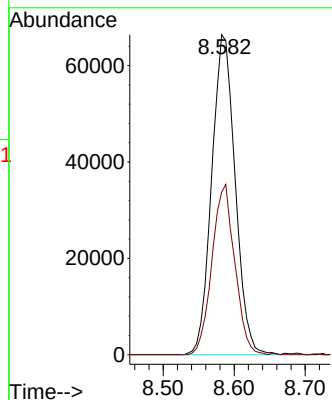
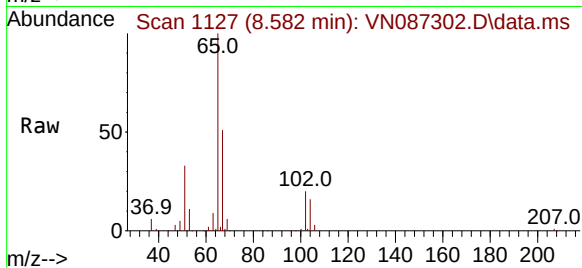
GPX7

Tgt Ion: 65 Resp: 152268

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087302.D

Acq: 08 Jul 2025 16:18

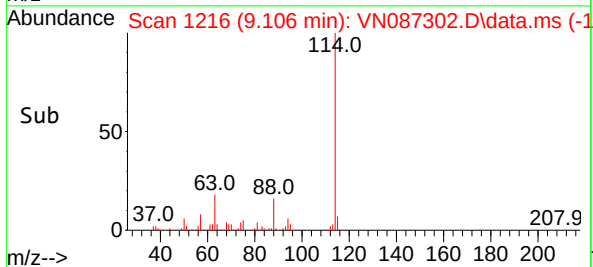
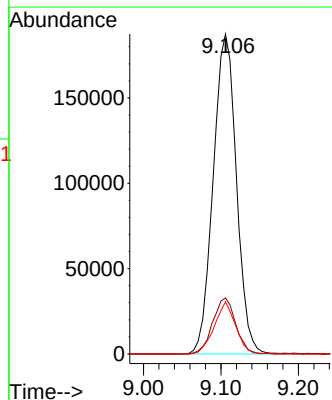
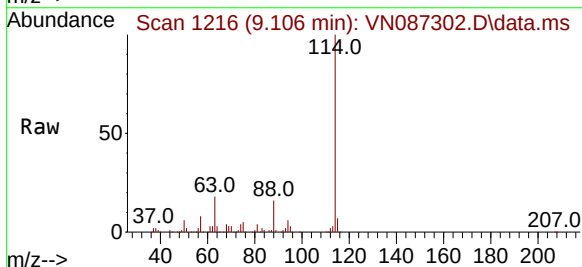
Tgt Ion: 114 Resp: 390740

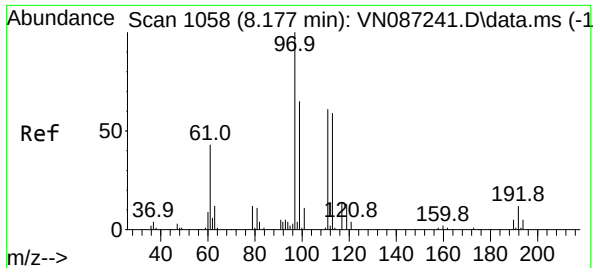
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 16.3 0.0 29.6

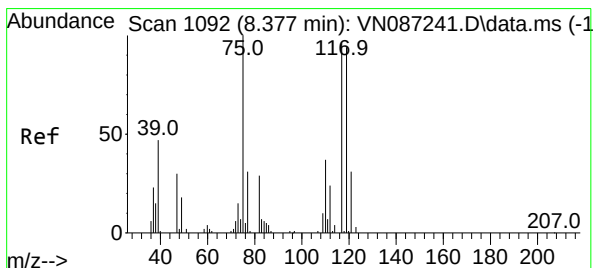
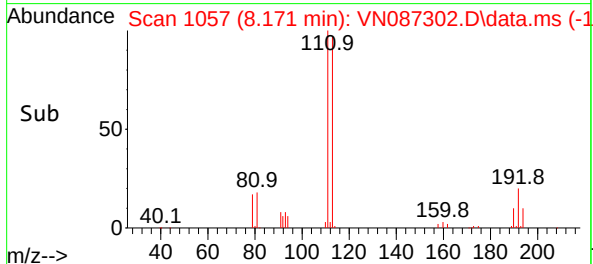
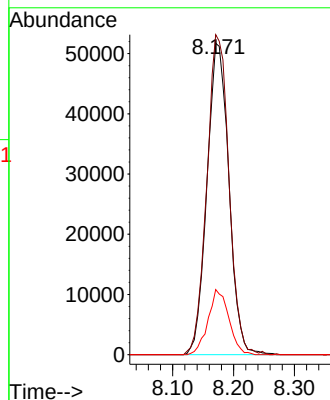
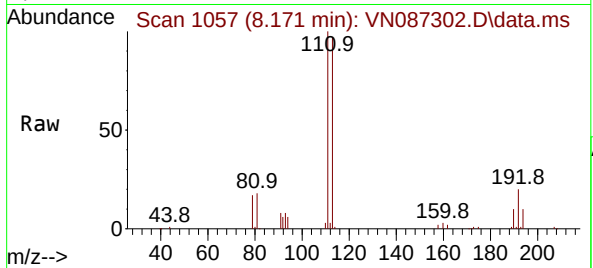




#35
Dibromofluoromethane
Concen: 51.620 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

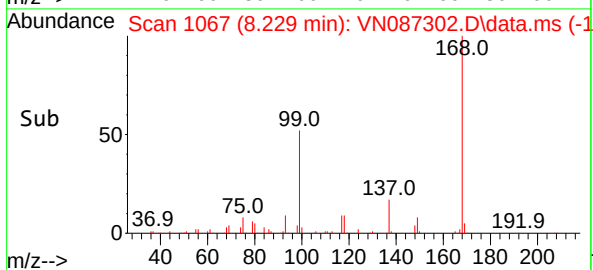
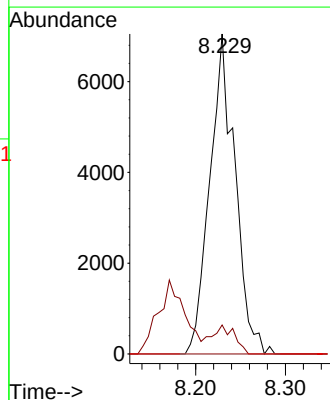
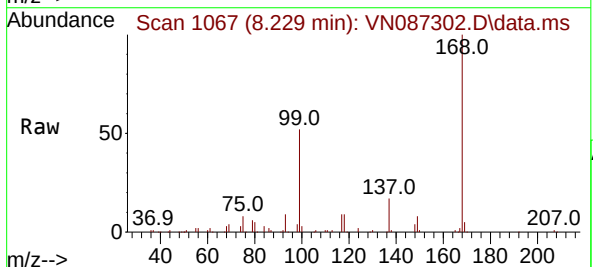
Instrument :
MSVOA_N
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GPX7

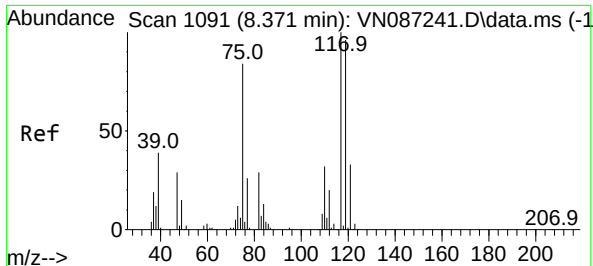
Tgt Ion:113 Resp: 129151
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.2
192 19.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.052 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion: 75 Resp: 13785
Ion Ratio Lower Upper
75 100
110 7.4 18.7 56.1#
77 0.0 24.5 36.7#

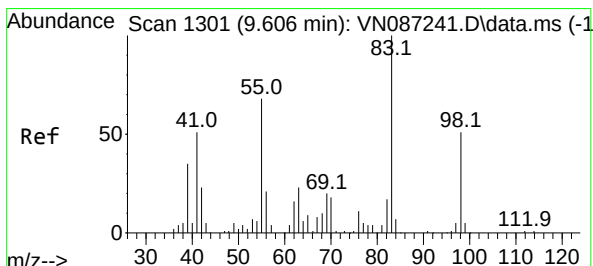
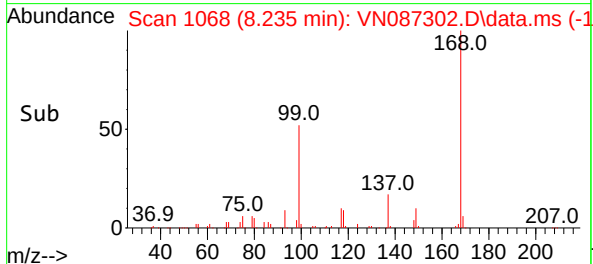
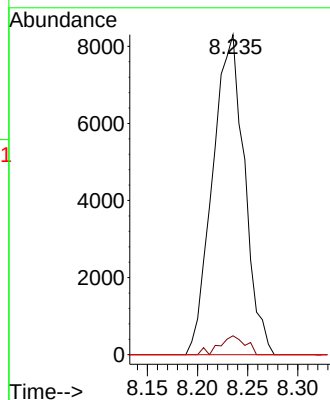
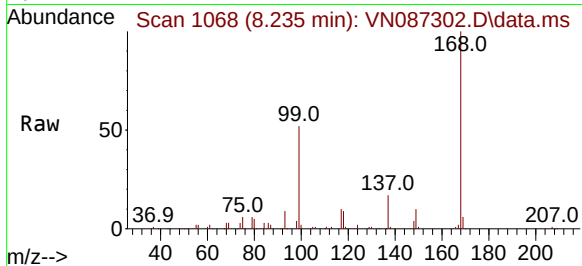




#38
Carbon Tetrachloride
Concen: 4.765 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

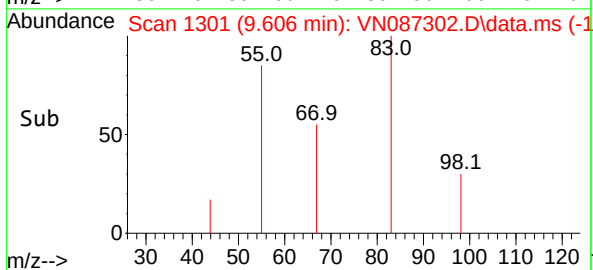
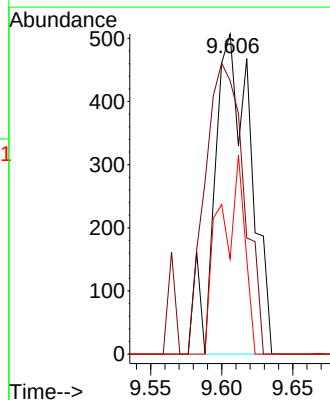
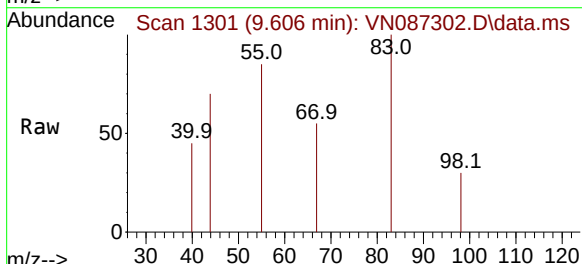
Instrument :
MSVOA_N
ClientSampleId :
GPX7

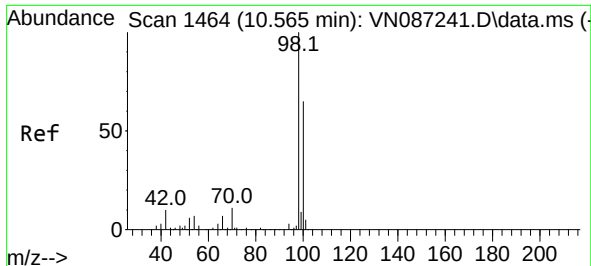
Tgt Ion:117 Resp: 18370
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 26.6 39.8#



#39
Methylcyclohexane
Concen: 0.222 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion: 83 Resp: 900
Ion Ratio Lower Upper
83 100
55 85.4 54.6 81.8#
98 29.8 41.2 61.8#

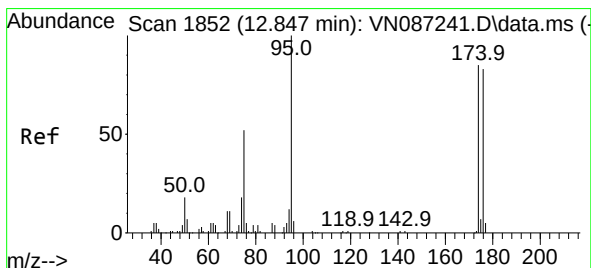
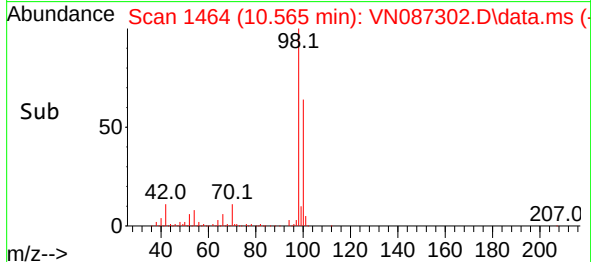
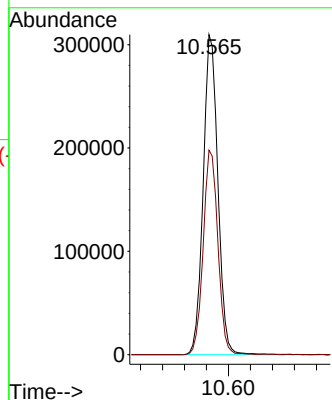
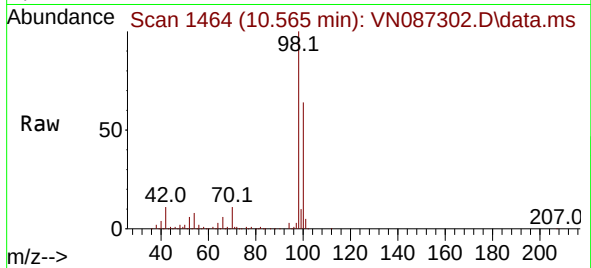




#50
Toluene-d8
Concen: 58.820 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

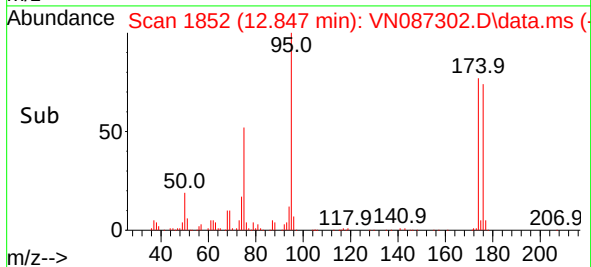
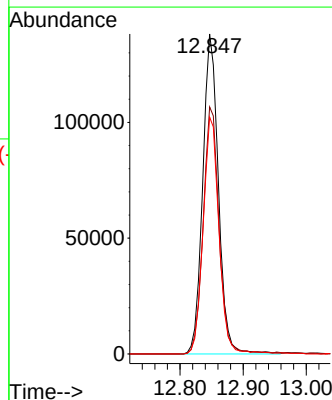
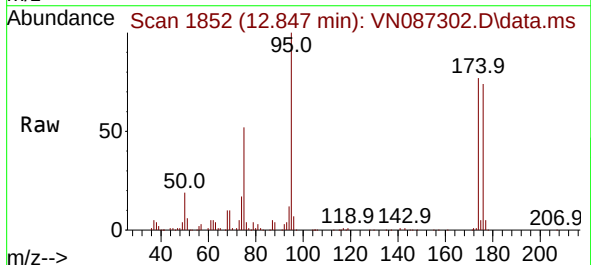
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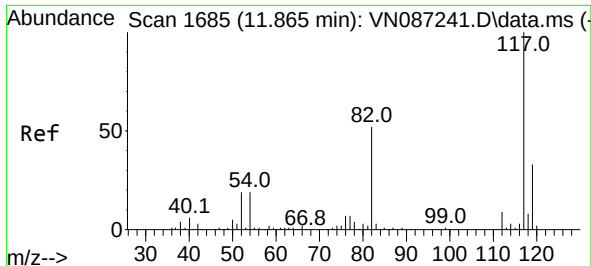
Tgt Ion: 98 Resp: 573614
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 68.720 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion: 95 Resp: 238448
Ion Ratio Lower Upper
95 100
174 78.2 0.0 169.6
176 74.9 0.0 161.6

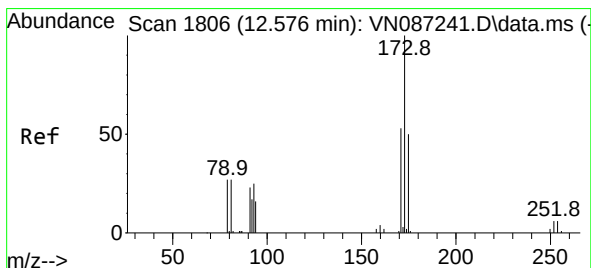
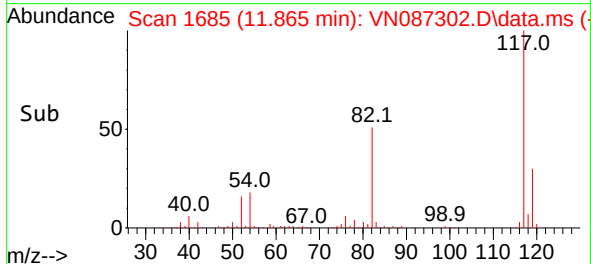
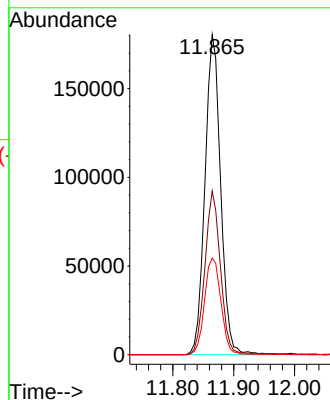
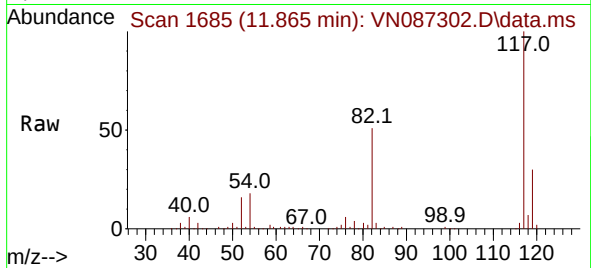




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

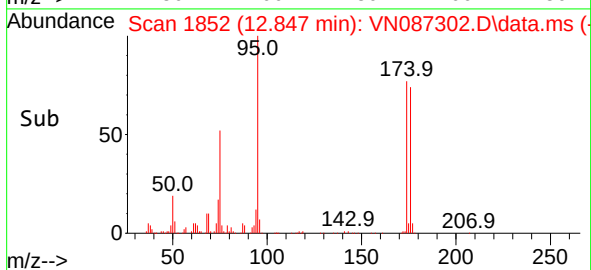
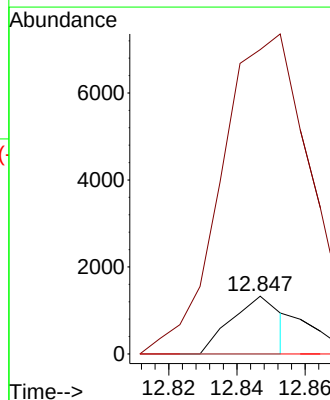
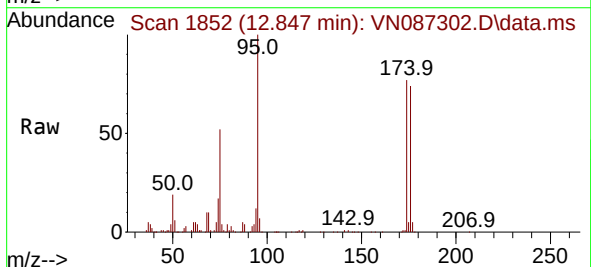
Instrument :
MSVOA_N
ClientSampleId :
GPX7

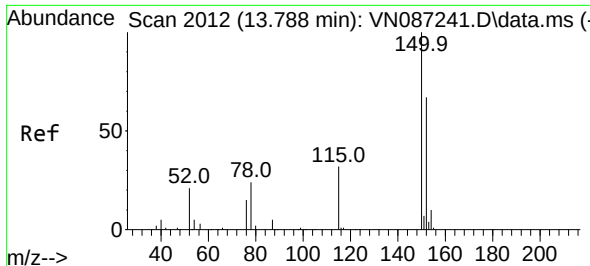
Tgt Ion:117 Resp: 323106
Ion Ratio Lower Upper
117 100
82 51.1 41.9 62.9
119 30.2 26.2 39.4



#71
Bromoform
Concen: 0.694 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion:173 Resp: 1341
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.0 0.0

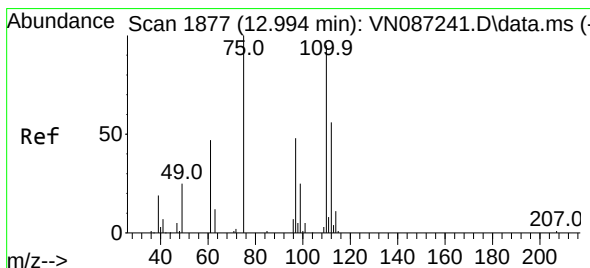
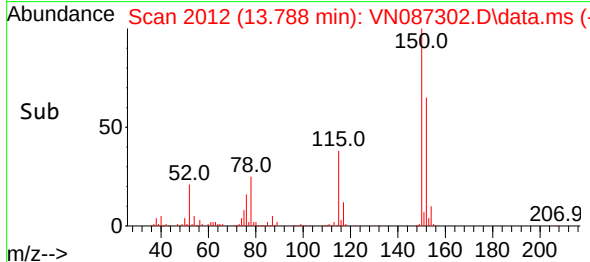
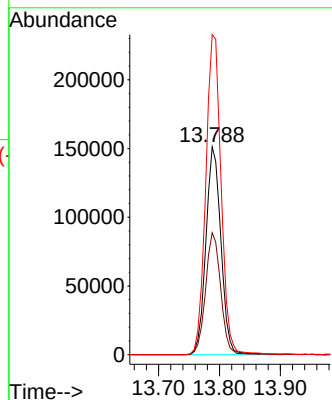
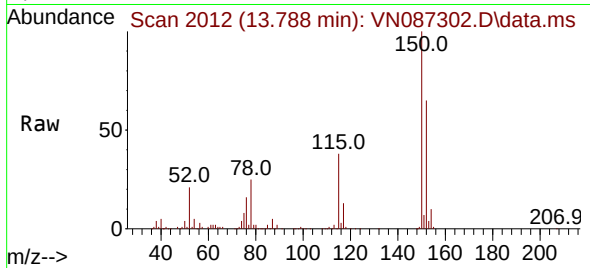




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087302.D
 Acq: 08 Jul 2025 16:18

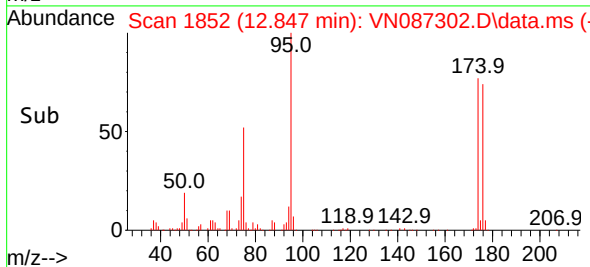
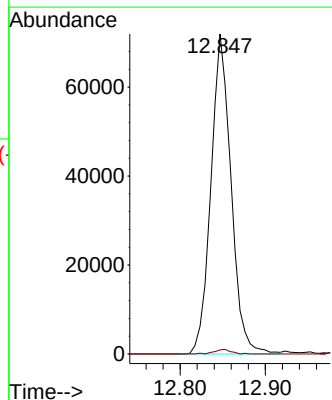
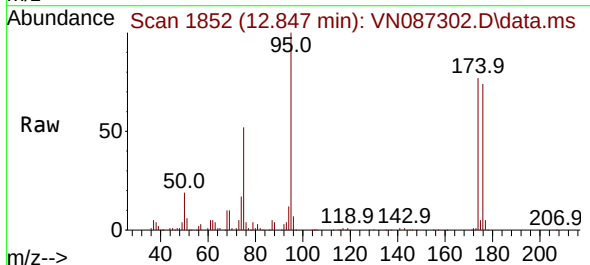
Instrument :
 MSVOA_N
 ClientSampleId :
 GPX7

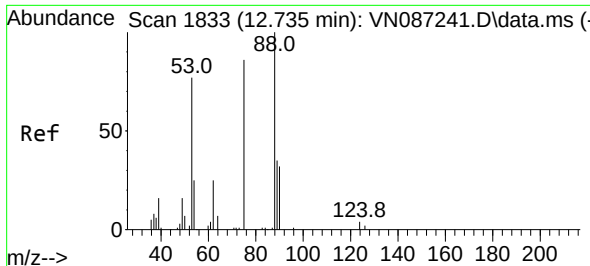
Tgt Ion:152 Resp: 260034
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.3 84.9
 150 157.2 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 23.928 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN087302.D
 Acq: 08 Jul 2025 16:18

Tgt Ion: 75 Resp: 118349
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.0 245.8#

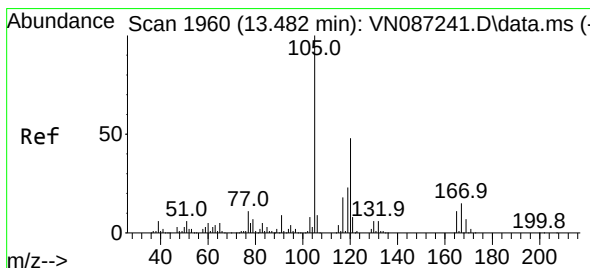
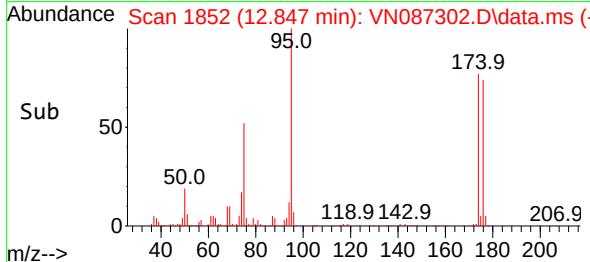
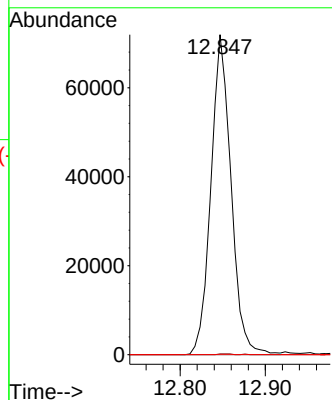
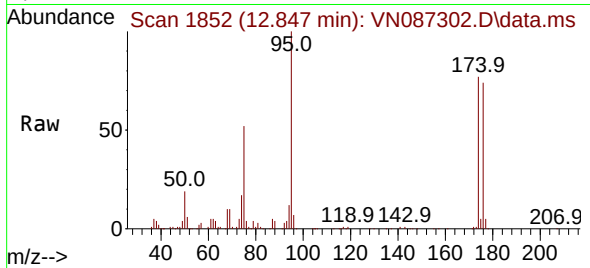




#81
trans-1,4-Dichloro-2-butene
Concen: 56.204 ug/l
RT: 12.847 min Scan# 118349
Delta R.T. 0.112 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
GPX7

Tgt Ion: 75 Resp: 118349
Ion Ratio Lower Upper
75 100
53 0.2 70.6 105.8#
89 0.0 36.1 54.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.231 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN087302.D
Acq: 08 Jul 2025 16:18

Tgt Ion: 105 Resp: 3235
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.9

