

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087741.D
 Acq On : 05 Sep 2025 14:42
 Operator : JC\MD
 Sample : Q3029-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 01:06:40 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)

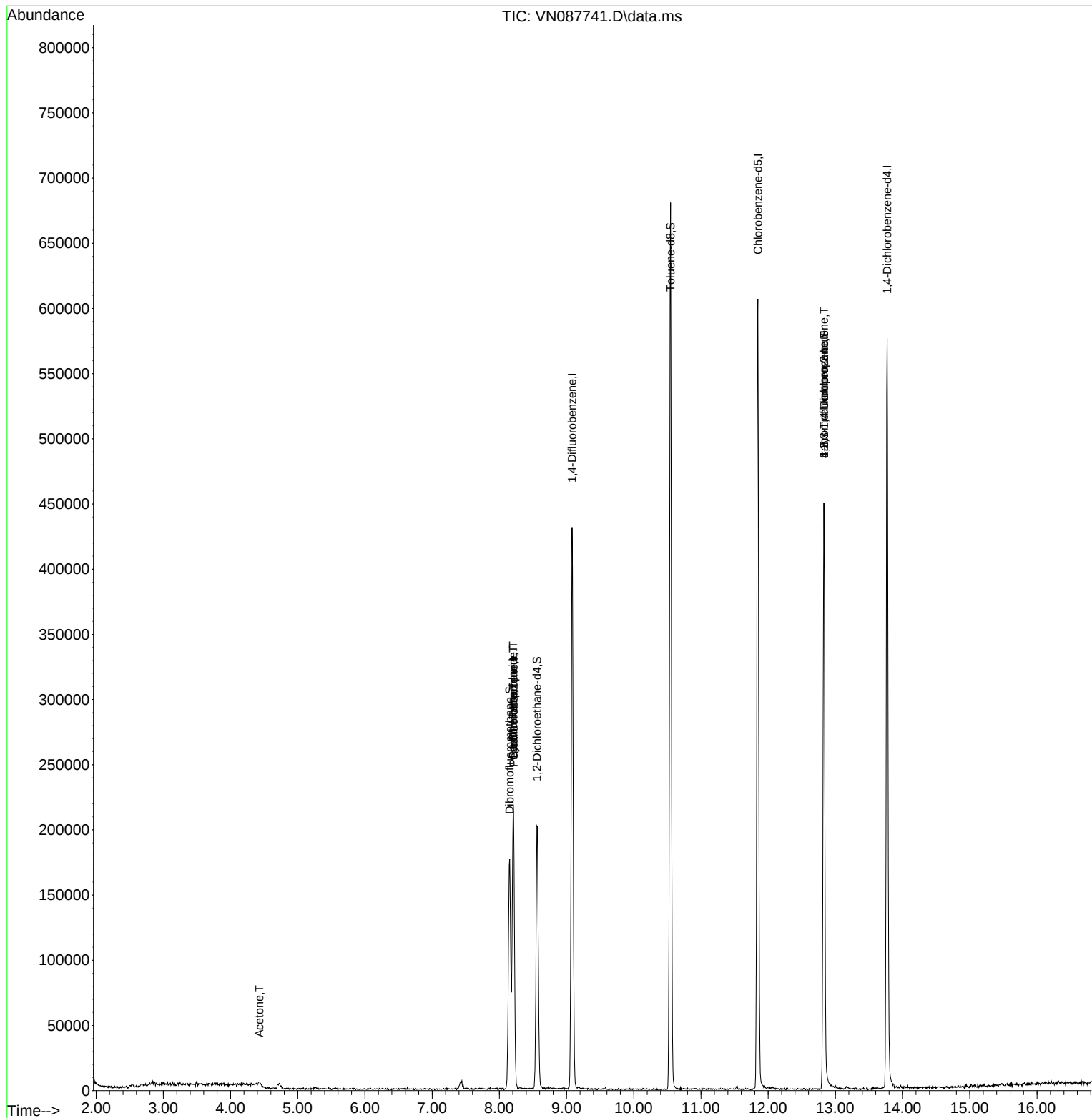
Internal Standards						
1) Pentafluorobenzene	8.212	168	144361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	347791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	332140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	153634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	167496	56.629	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.260%			
35) Dibromofluoromethane	8.153	113	126359	50.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.640%			
50) Toluene-d8	10.547	98	449347	47.811	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.620%			
62) 4-Bromofluorobenzene	12.829	95	155380	46.488	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.980%			
Target Compounds						
16) Acetone	4.430	43	3759	2.335	ug/l #	78
20) Methylene Chloride	5.259	84	340	Below Cal	#	30
31) Cyclohexane	8.206	56	5366	1.442	ug/l #	41
36) 1,1-Dichloropropene	8.206	75	15444	4.009	ug/l #	46
38) Carbon Tetrachloride	8.206	117	17916	4.710	ug/l #	14
76) 1,2,3-Trichloropropane	12.829	75	94881	26.335	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	94881	69.720	ug/l #	1

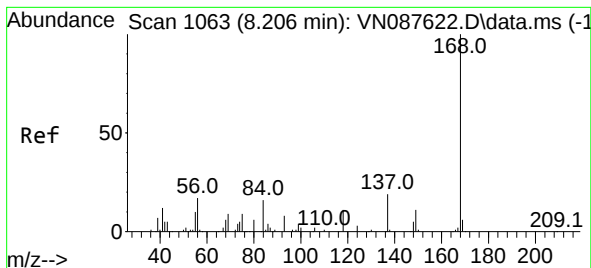
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q3029-02
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

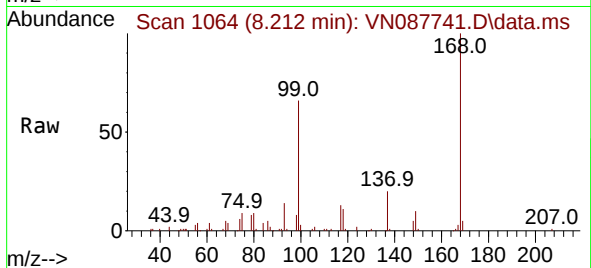
Quant Time: Sep 06 01:06:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



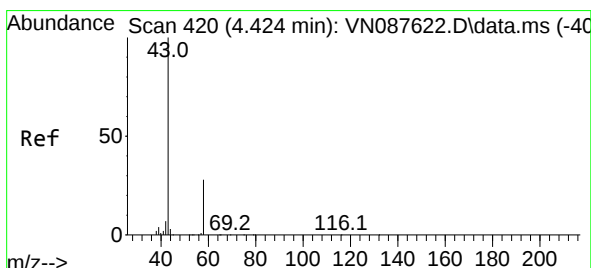
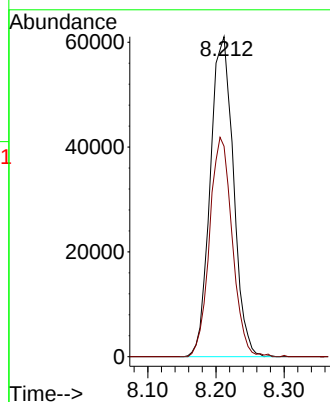
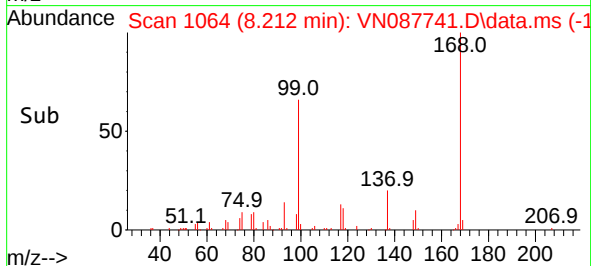


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087741.D
Acq: 05 Sep 2025 14:42

Instrument :
MSVOA_N
ClientSampleId :

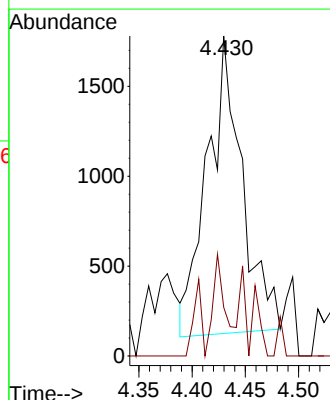
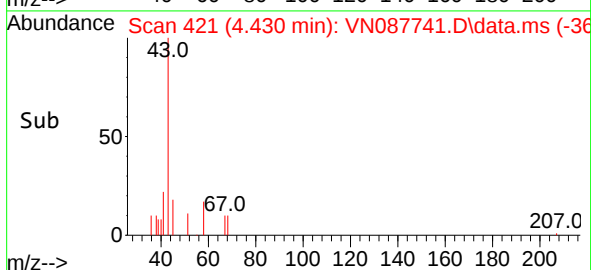
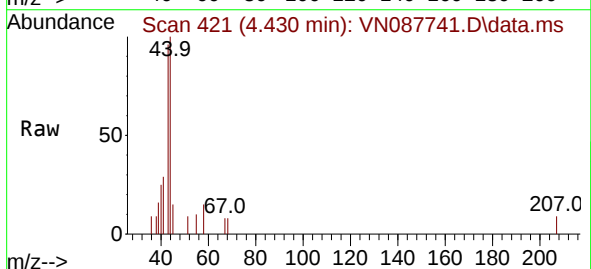


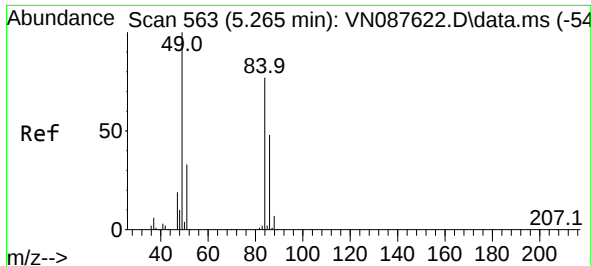
Tgt Ion:168 Resp: 144361
Ion Ratio Lower Upper
168 100
99 65.8 57.2 85.8



#16
Acetone
Concen: 2.335 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087741.D
Acq: 05 Sep 2025 14:42

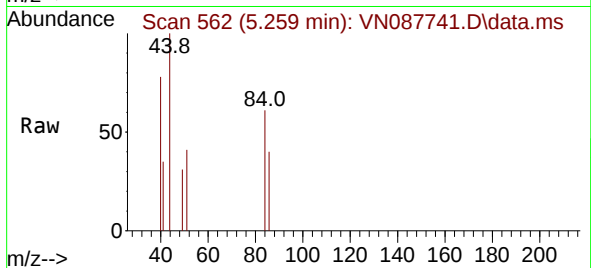
Tgt Ion: 43 Resp: 3759
Ion Ratio Lower Upper
43 100
58 16.6 22.6 33.8#





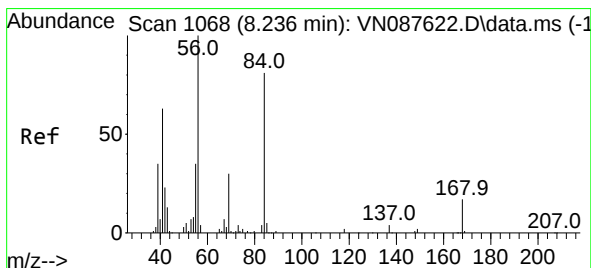
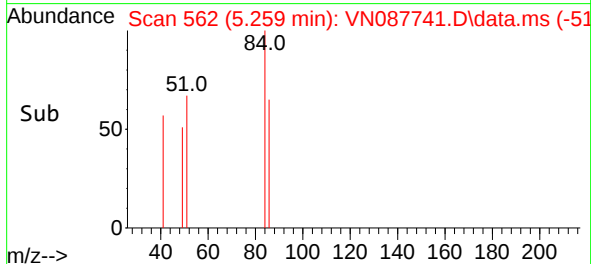
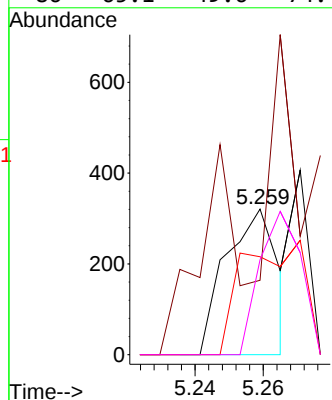
#20
Methylene Chloride
Concen: Below Cal
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087741.D
Acq: 05 Sep 2025 14:42

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 340

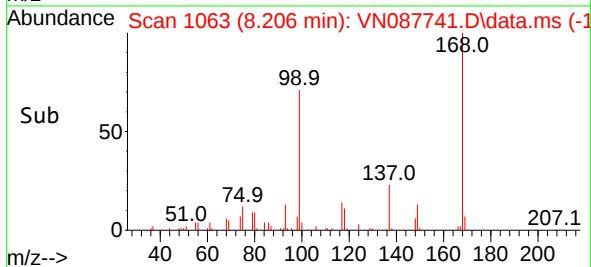
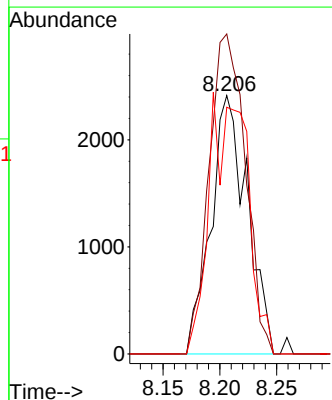
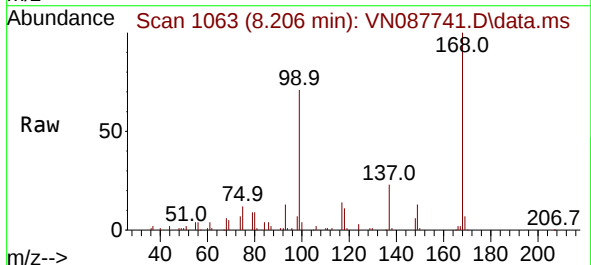
Ion	Ratio	Lower	Upper
84	100		
49	0.0	103.4	155.2#
51	67.3	33.8	50.8#
86	65.1	49.6	74.4

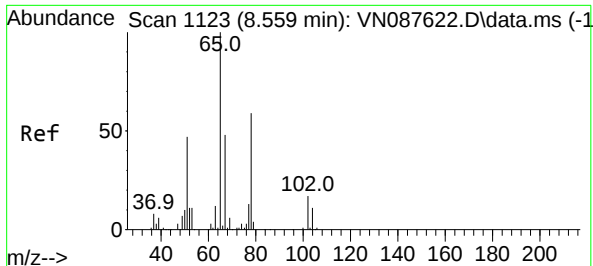


#31
Cyclohexane
Concen: 1.442 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.030 min
Lab File: VN087741.D
Acq: 05 Sep 2025 14:42

Tgt Ion: 56 Resp: 5366

Ion	Ratio	Lower	Upper
56	100		
69	123.9	23.7	35.5#
84	95.5	64.7	97.1

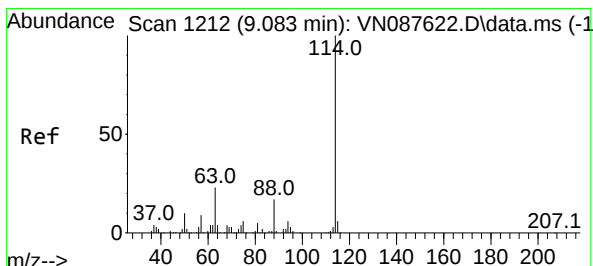
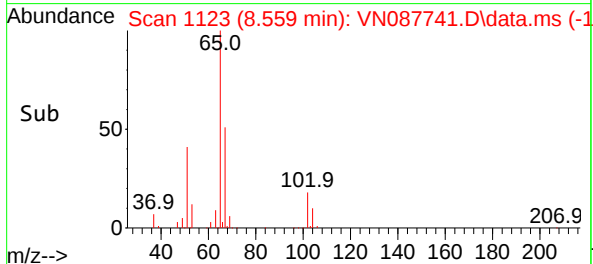
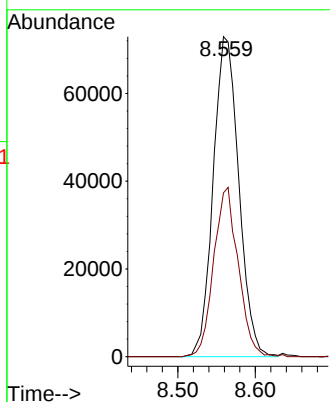
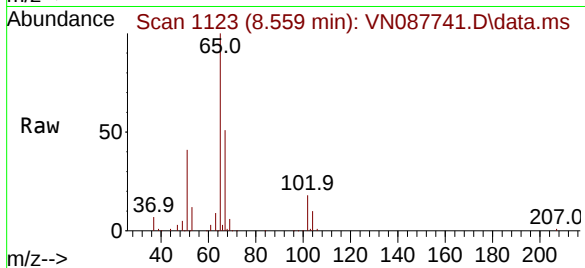




#33
 1,2-Dichloroethane-d4
 Concen: 56.629 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN087741.D
 Acq: 05 Sep 2025 14:42

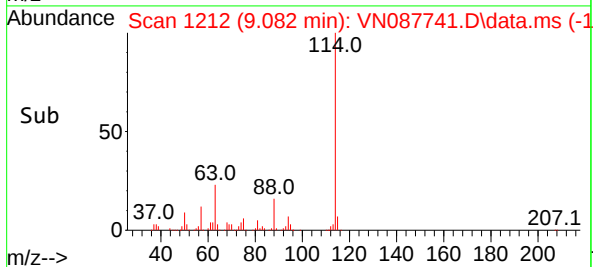
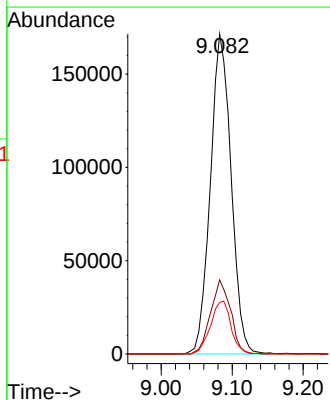
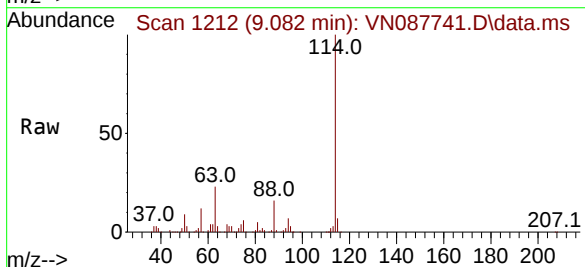
Instrument :
 MSVOA_N
 ClientSampleId :

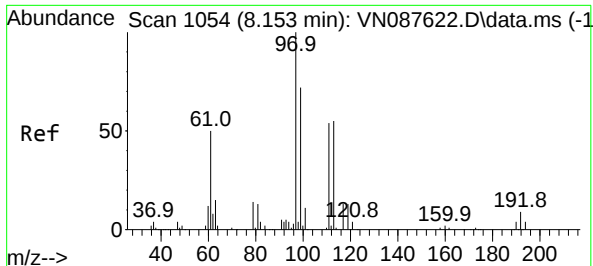
Tgt Ion: 65 Resp: 167496
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087741.D
 Acq: 05 Sep 2025 14:42

Tgt Ion: 114 Resp: 347791
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.321 ug/l

RT: 8.153 min Scan# 1

Delta R.T. -0.000 min

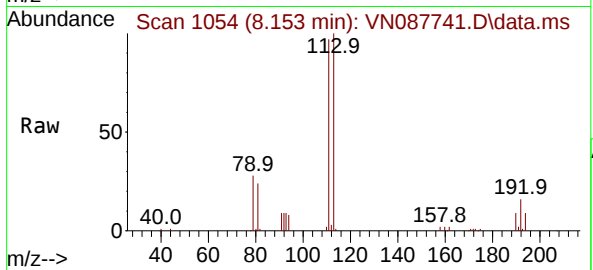
Lab File: VN087741.D

Acq: 05 Sep 2025 14:42

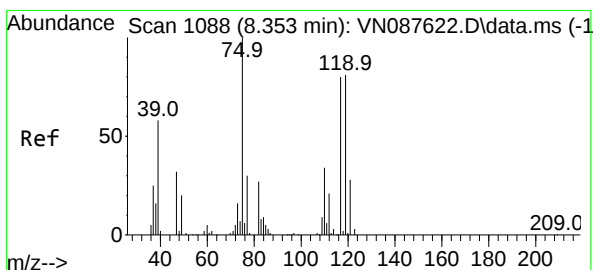
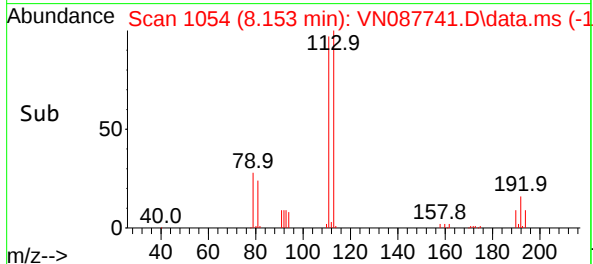
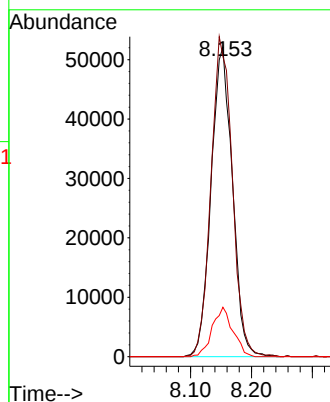
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	126359
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	15.5	12.8	19.2



#36

1,1-Dichloropropene

Concen: 4.009 ug/l

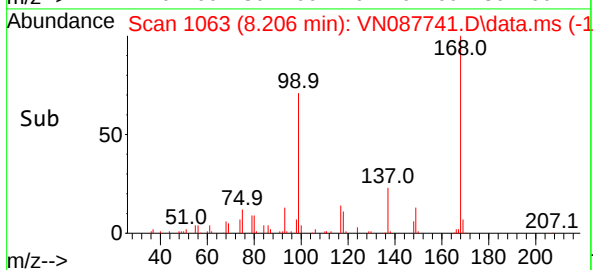
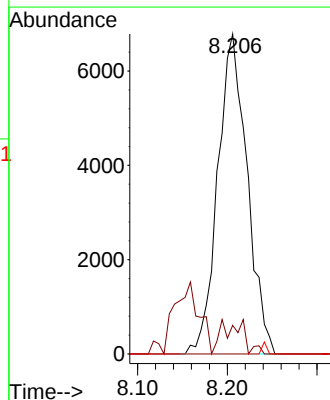
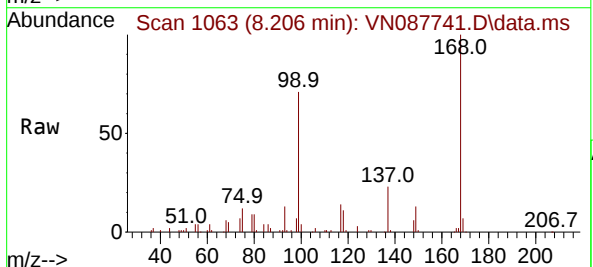
RT: 8.206 min Scan# 1063

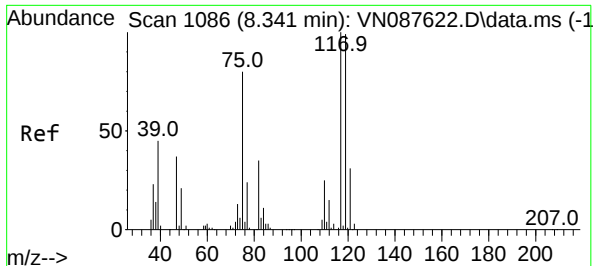
Delta R.T. -0.147 min

Lab File: VN087741.D

Acq: 05 Sep 2025 14:42

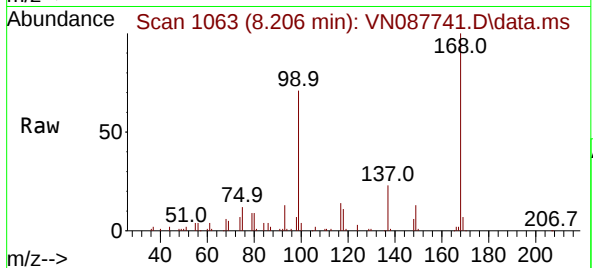
Tgt Ion:	75	Resp:	15444
Ion	Ratio	Lower	Upper
75	100		
110	3.0	15.9	47.6#
77	0.0	24.4	36.6#



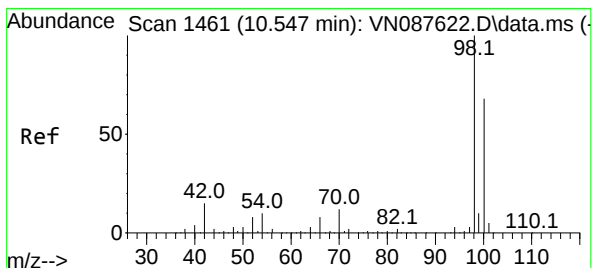
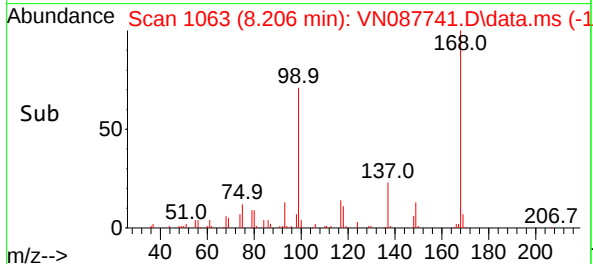
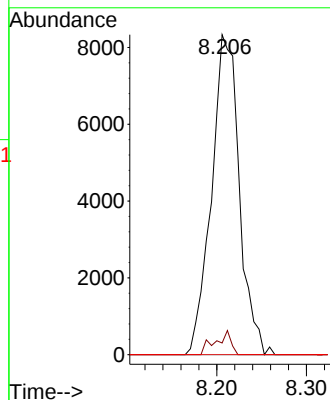


#38
Carbon Tetrachloride
Concen: 4.710 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN087741.D
Acq: 05 Sep 2025 14:42

Instrument :
MSVOA_N
ClientSampleId :

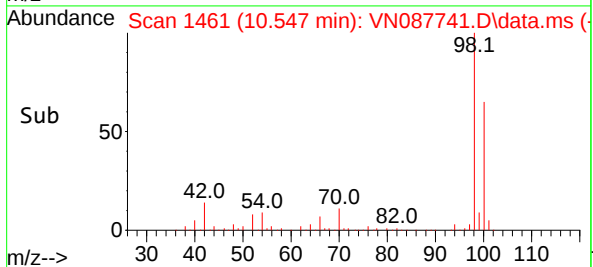
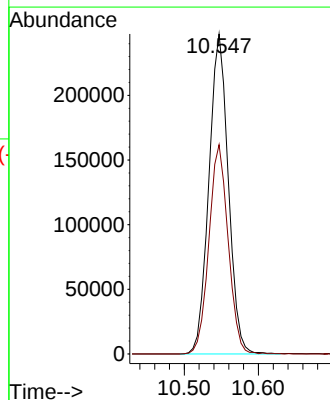
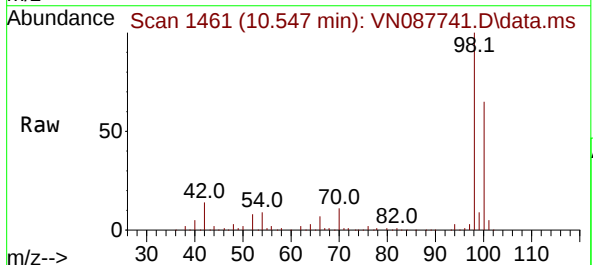


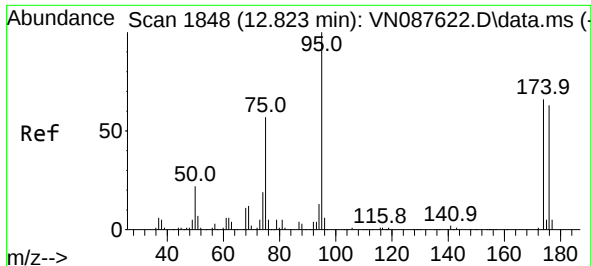
Tgt Ion:117 Resp: 17916
Ion Ratio Lower Upper
117 100
119 3.6 79.0 118.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 47.811 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087741.D
Acq: 05 Sep 2025 14:42

Tgt Ion: 98 Resp: 449347
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2

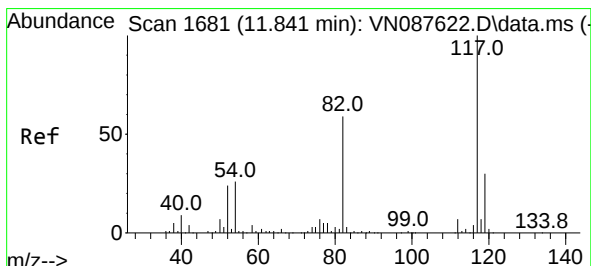
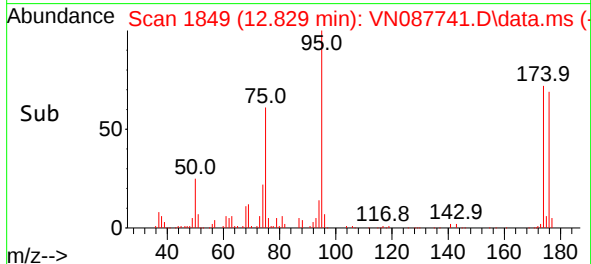
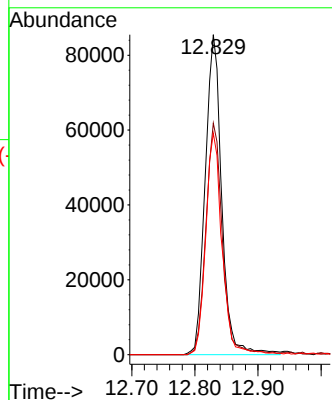
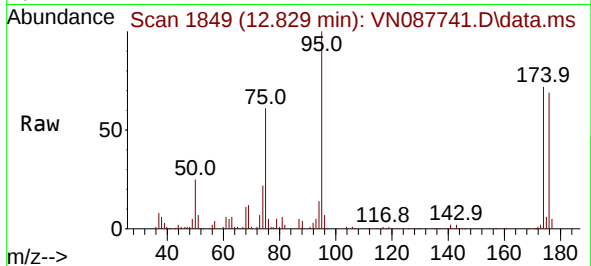




#62
4-Bromofluorobenzene
Concen: 46.488 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087741.D
Acq: 05 Sep 2025 14:42

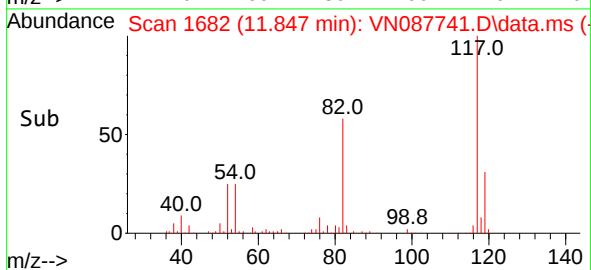
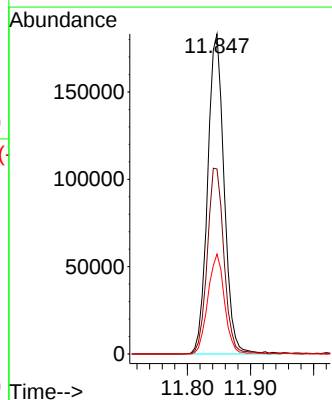
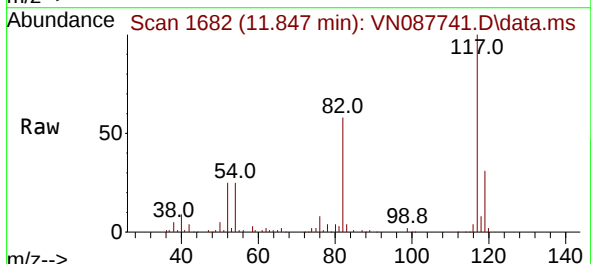
Instrument :
MSVOA_N
ClientSampleId :

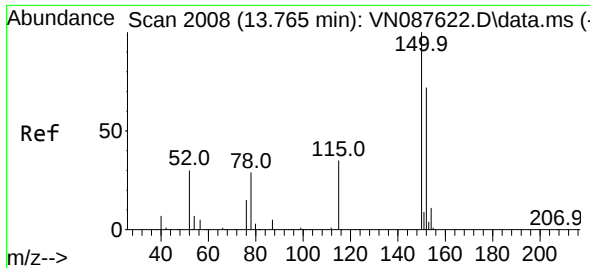
Tgt Ion: 95 Resp: 155380
Ion Ratio Lower Upper
95 100
174 72.7 0.0 138.4
176 68.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087741.D
Acq: 05 Sep 2025 14:42

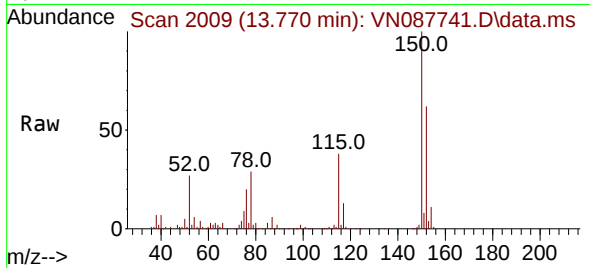
Tgt Ion: 117 Resp: 332140
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.2 24.3 36.5



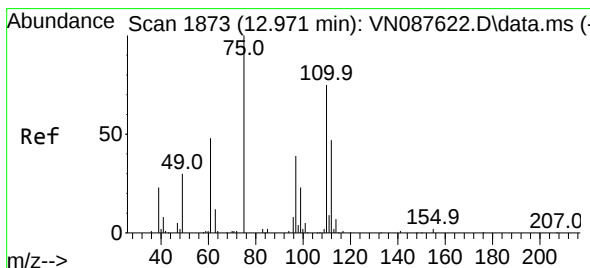
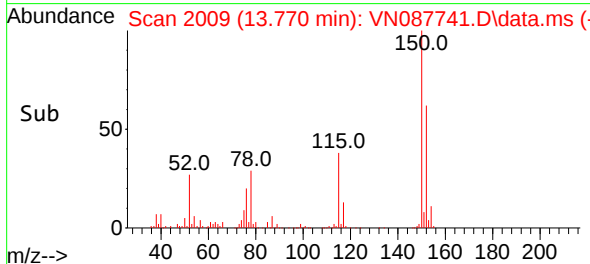
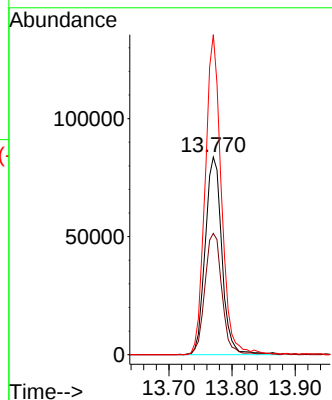


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087741.D
 Acq: 05 Sep 2025 14:42

Instrument :
 MSVOA_N
 ClientSampleId :

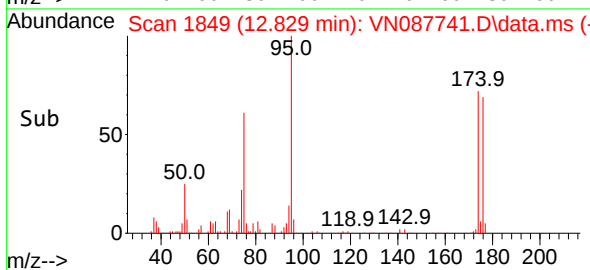
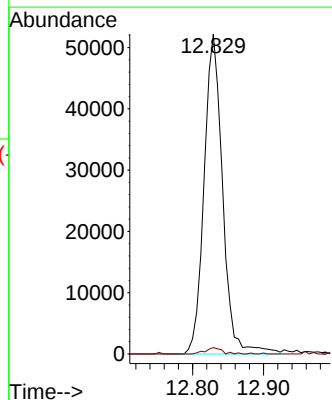
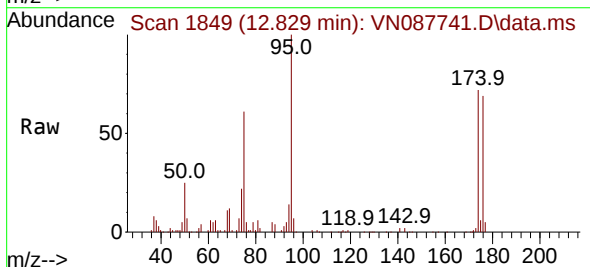


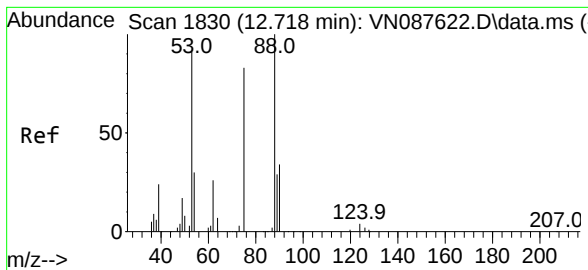
Tgt Ion:152 Resp: 153634
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 156.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 26.335 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.141 min
 Lab File: VN087741.D
 Acq: 05 Sep 2025 14:42

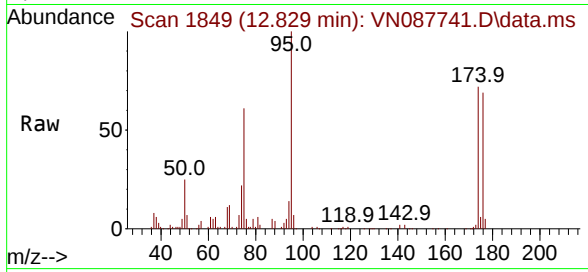
Tgt Ion: 75 Resp: 94881
 Ion Ratio Lower Upper
 75 100
 77 1.8 89.1 267.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.720 ug/l
 RT: 12.829 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN087741.D
 Acq: 05 Sep 2025 14:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 94881
 Ion Ratio Lower Upper
 75 100
 53 0.1 101.8 152.6#
 89 0.0 35.6 53.4#

