

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086033.D
 Acq On : 20 Mar 2025 18:45
 Operator : JC\MD
 Sample : Q1618-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP20250320-01

Quant Time: Mar 21 01:25:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

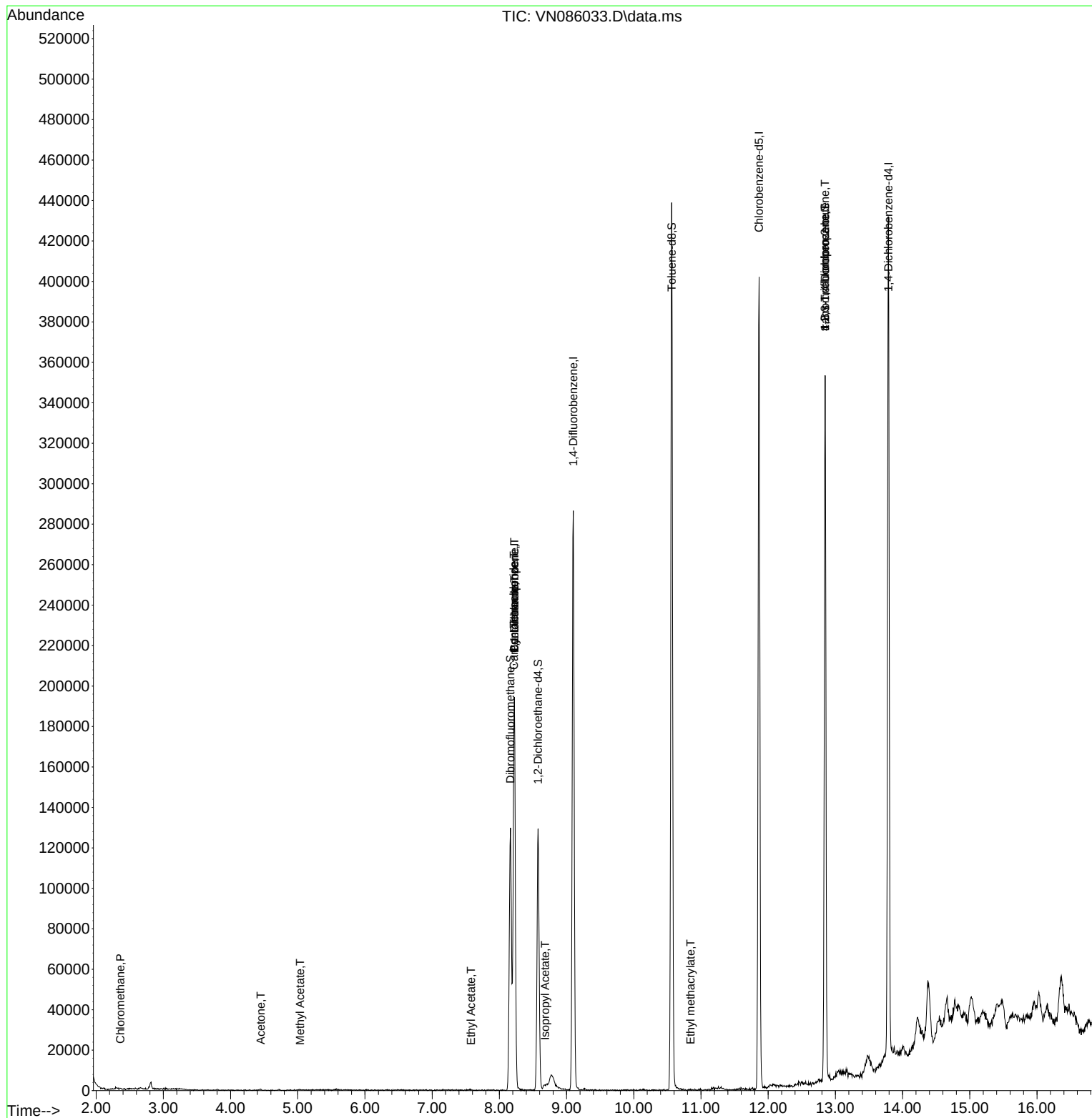
Internal Standards						
1) Pentafluorobenzene	8.224	168	140186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108089	56.307	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.620%	
35) Dibromofluoromethane	8.165	113	91403	52.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.200%	
50) Toluene-d8	10.565	98	307584	48.306	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.620%	
62) 4-Bromofluorobenzene	12.847	95	124183	54.687	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	346	0.213	ug/l #	42
16) Acetone	4.447	43	1009	1.720	ug/l #	38
18) Methyl Acetate	5.036	43	449	0.309	ug/l #	45
31) Cyclohexane	8.224	56	2983	1.247	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11540	4.995	ug/l #	48
37) Ethyl Acetate	7.577	43	694	0.356	ug/l #	64
38) Carbon Tetrachloride	8.218	117	15361	5.057	ug/l #	17
43) Isopropyl Acetate	8.682	43	1817	0.430	ug/l #	50
56) Ethyl methacrylate	10.847	69	79	0.224	ug/l #	61
76) 1,2,3-Trichloropropane	12.847	75	61903	23.233	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61903	61.423	ug/l #	16

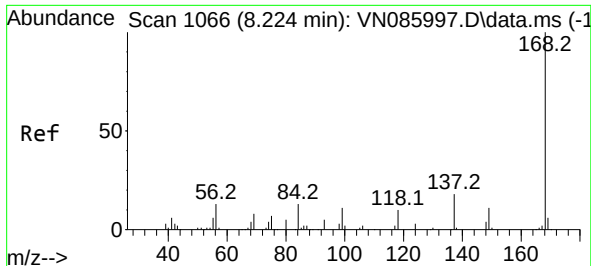
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
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TP20250320-01

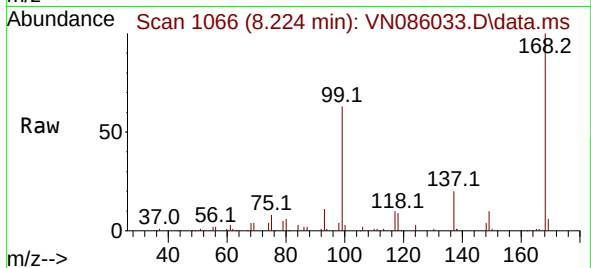
Quant Time: Mar 21 01:25:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration



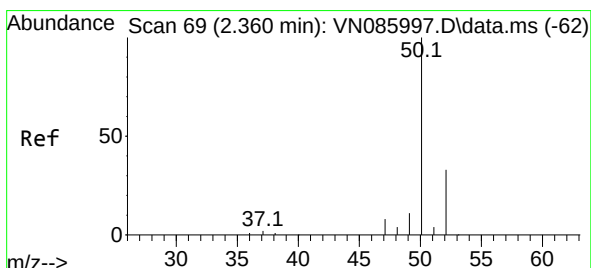
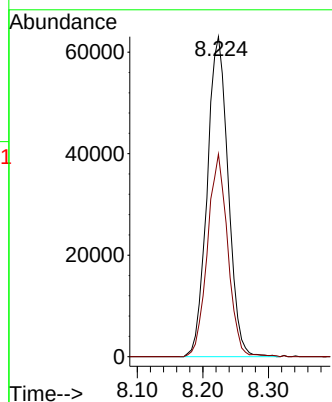
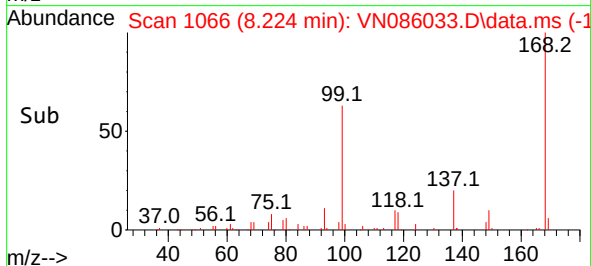


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01

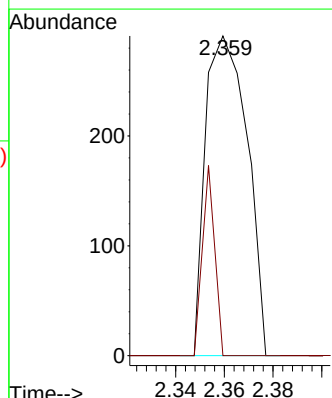
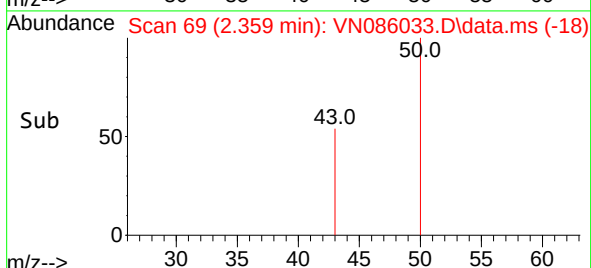
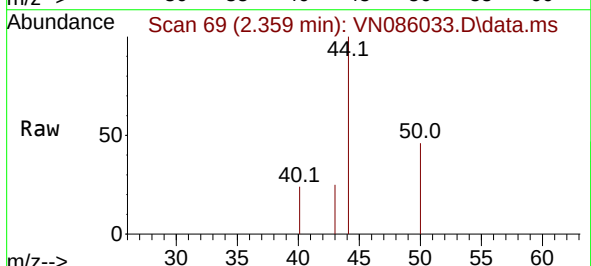


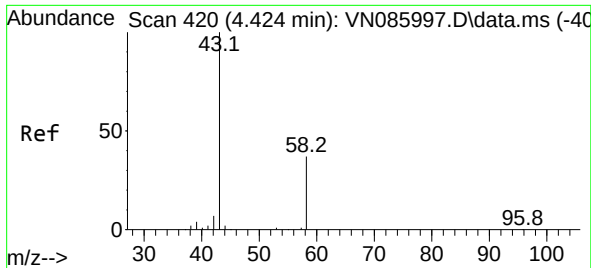
Tgt Ion:168 Resp: 140186
Ion Ratio Lower Upper
168 100
99 63.3 49.4 74.2



#3
Chloromethane
Concen: 0.213 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Tgt Ion: 50 Resp: 346
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#





#16

Acetone

Concen: 1.720 ug/l

RT: 4.447 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN086033.D

Acq: 20 Mar 2025 18:45

Instrument :

MSVOA_N

ClientSampleId :

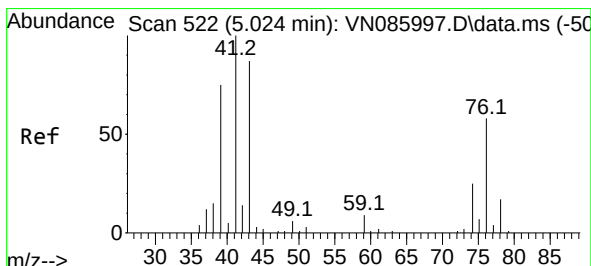
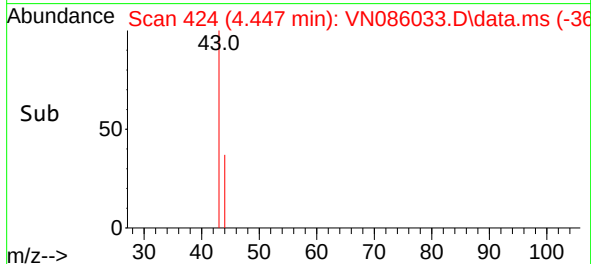
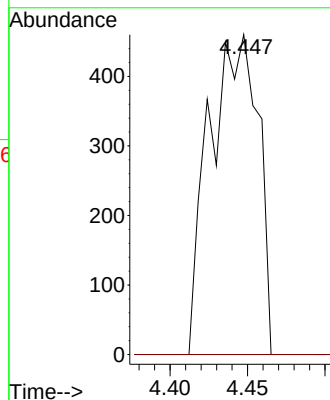
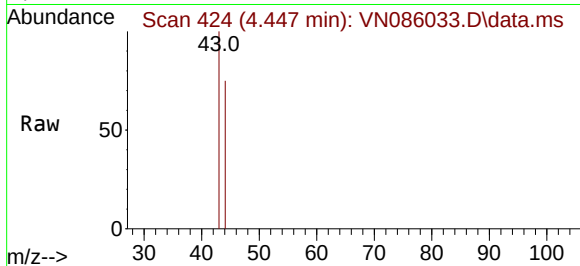
TP20250320-01

Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.2#



#18

Methyl Acetate

Concen: 0.309 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN086033.D

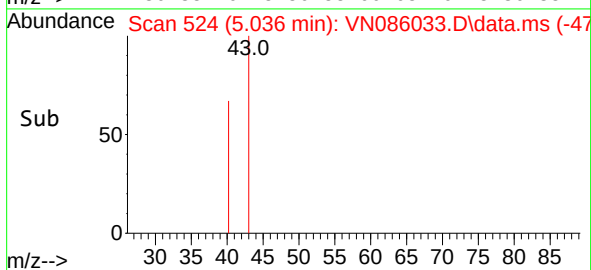
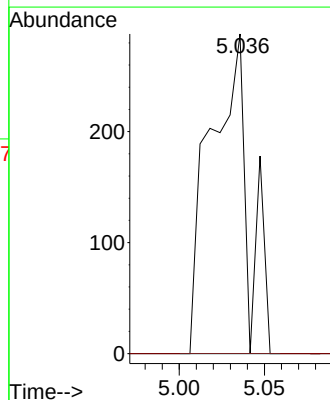
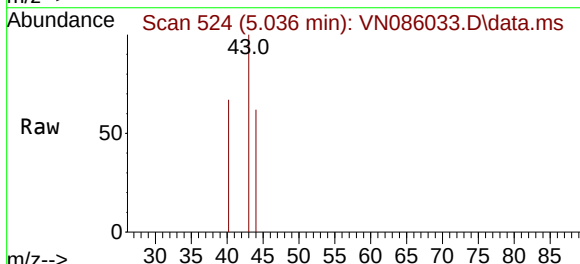
Acq: 20 Mar 2025 18:45

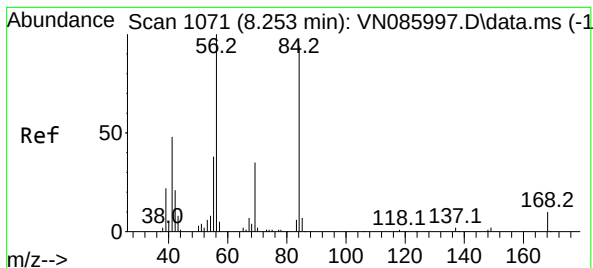
Tgt Ion: 43 Resp: 449

Ion Ratio Lower Upper

43 100

74 0.0 23.9 35.9#





#31

Cyclohexane

Concen: 1.247 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN086033.D

Acq: 20 Mar 2025 18:45

Instrument :

MSVOA_N

ClientSampleId :

TP20250320-01

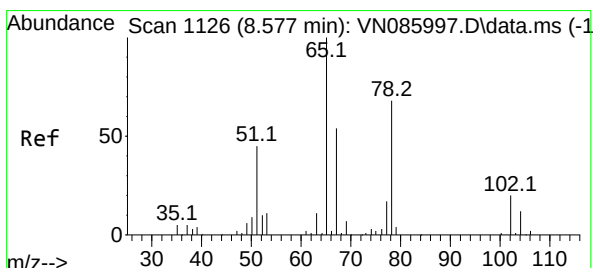
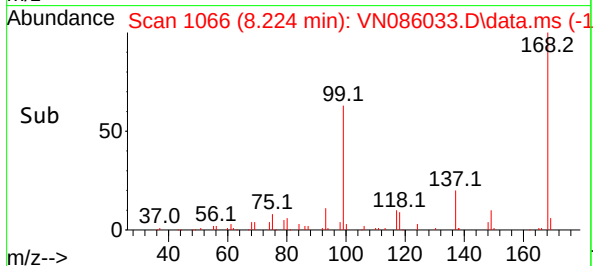
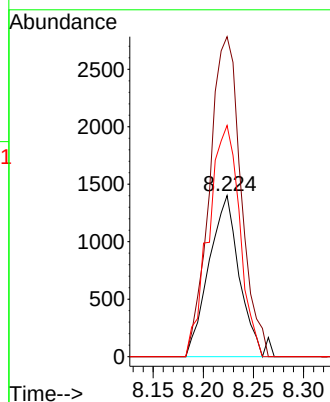
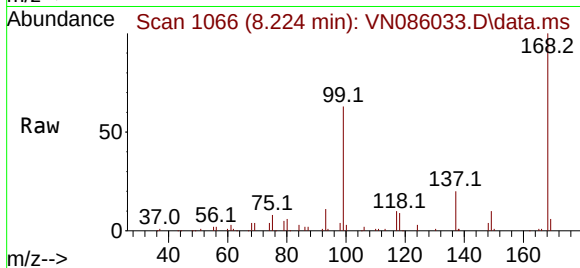
Tgt Ion: 56 Resp: 2983

Ion Ratio Lower Upper

56 100

69 198.7 28.0 42.0#

84 143.6 75.0 112.6#



#33

1,2-Dichloroethane-d4

Concen: 56.307 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086033.D

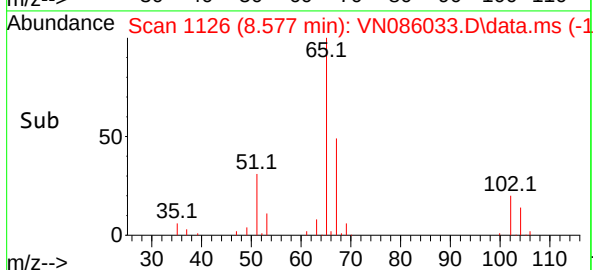
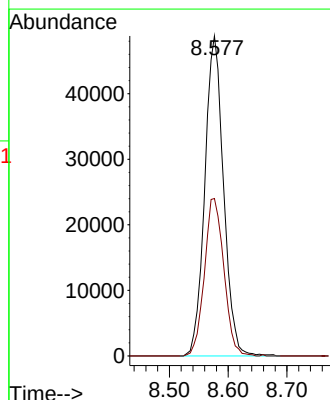
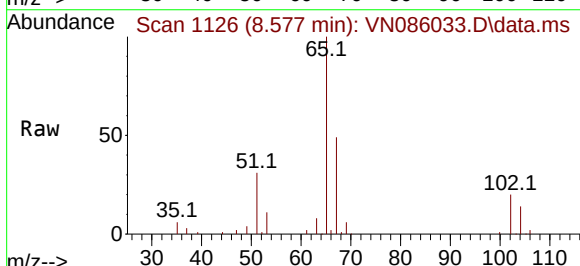
Acq: 20 Mar 2025 18:45

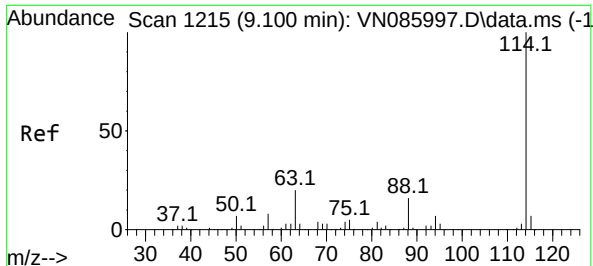
Tgt Ion: 65 Resp: 108089

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086033.D

Acq: 20 Mar 2025 18:45

Instrument :

MSVOA_N

ClientSampleId :

TP20250320-01

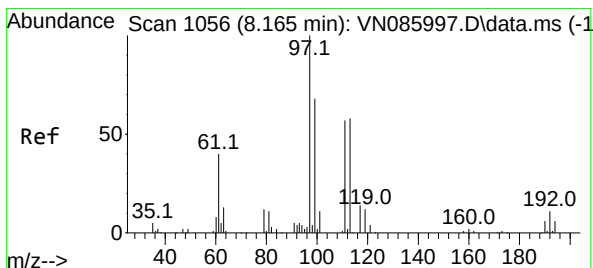
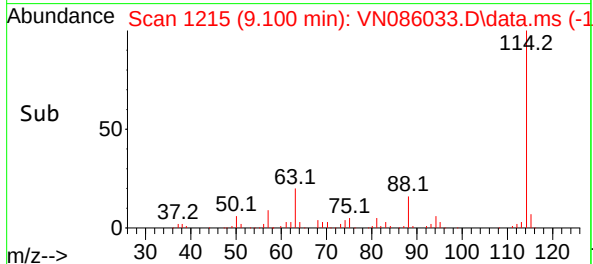
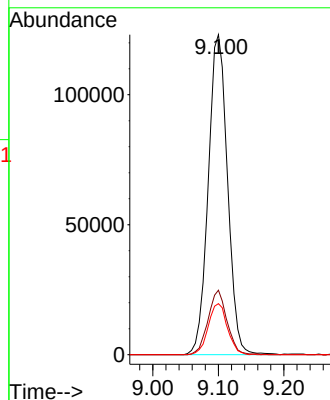
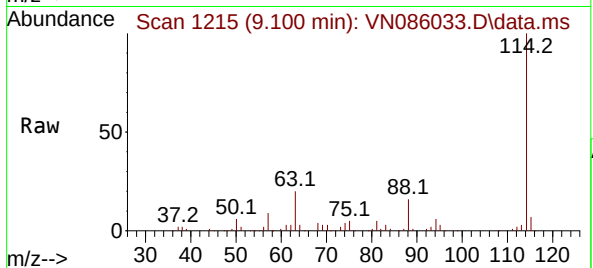
Tgt Ion:114 Resp: 251355

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.099 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086033.D

Acq: 20 Mar 2025 18:45

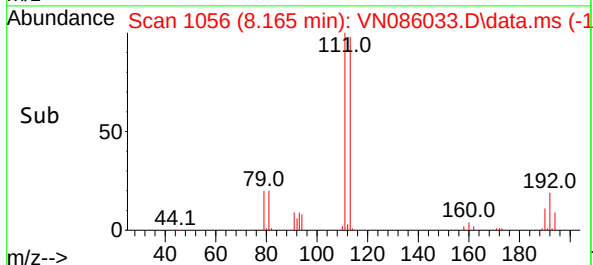
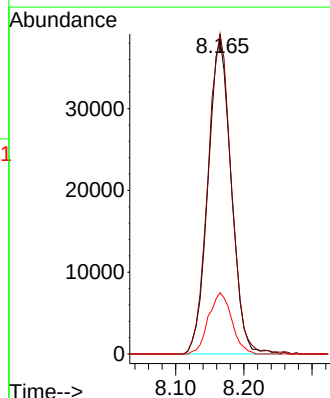
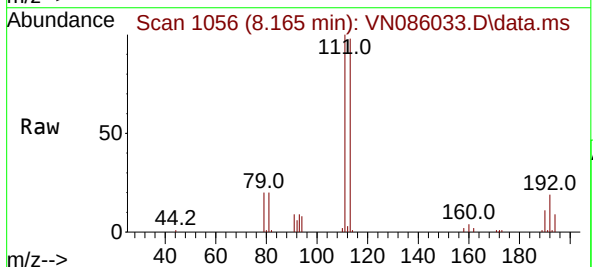
Tgt Ion:113 Resp: 91403

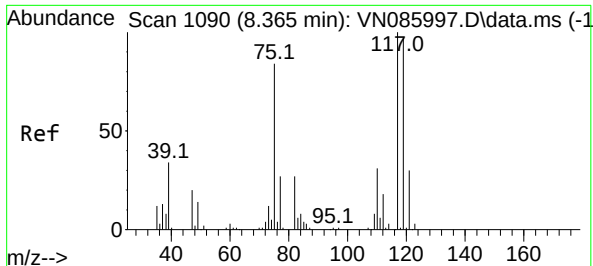
Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

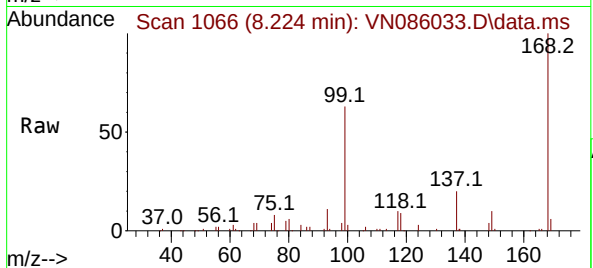
192 19.5 15.9 23.9



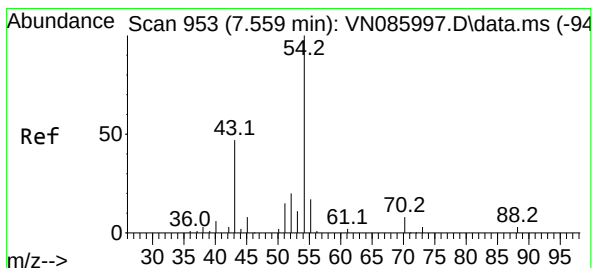
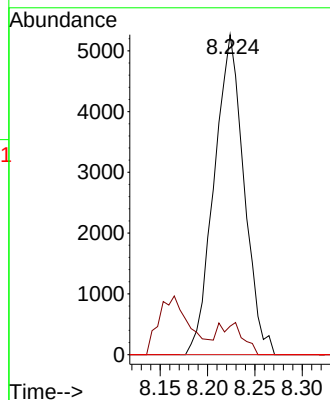
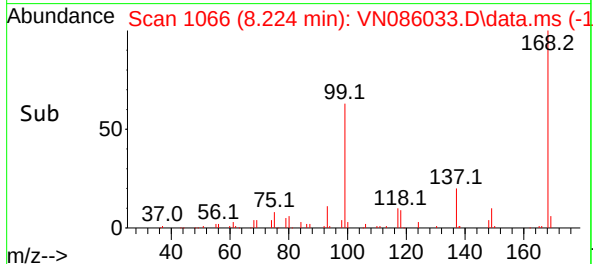


#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

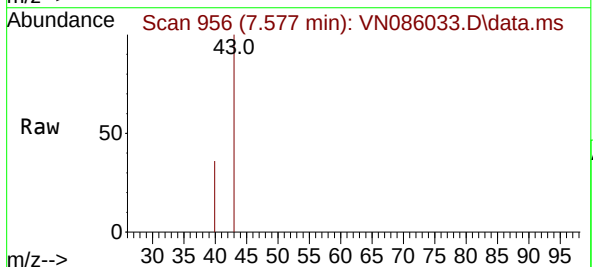
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01



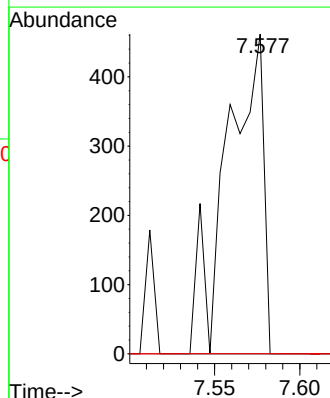
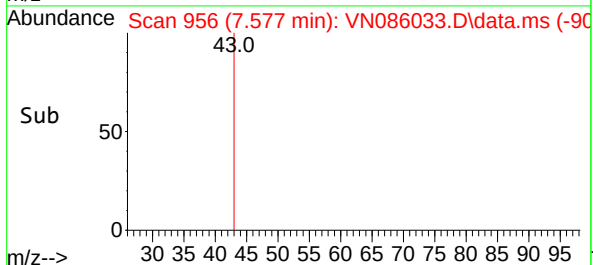
Tgt Ion: 75 Resp: 11540
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.3#
77 0.0 25.0 37.4#

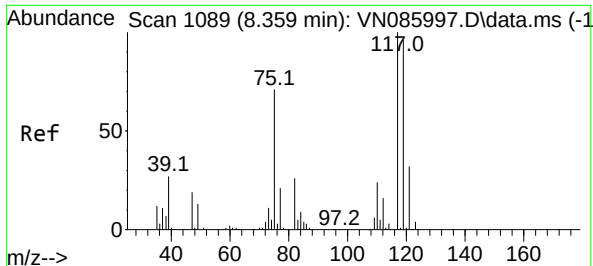


#37
Ethyl Acetate
Concen: 0.356 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.018 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45



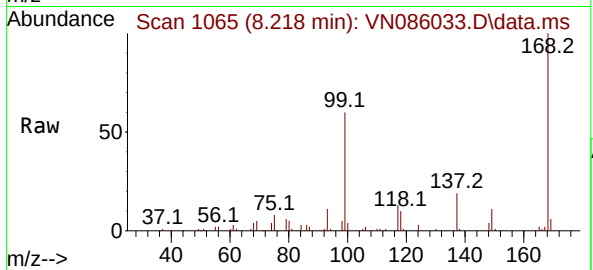
Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 11.0 16.6#



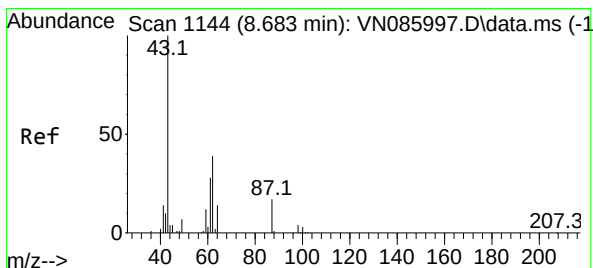
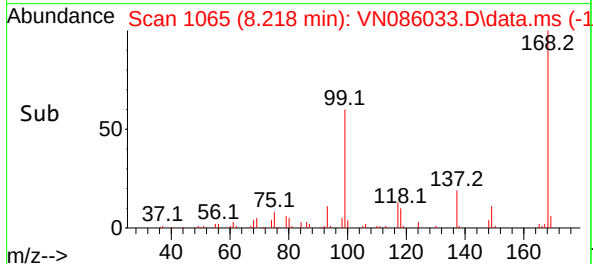
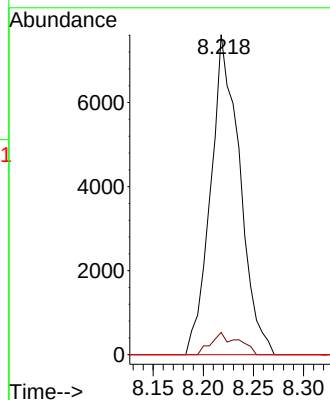


#38
Carbon Tetrachloride
Concen: 5.057 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01

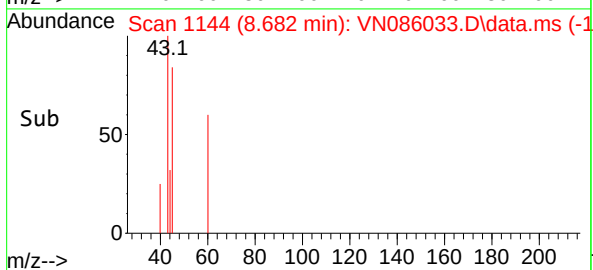
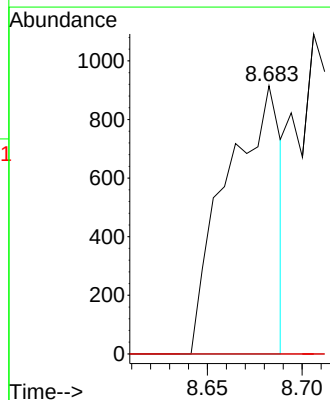
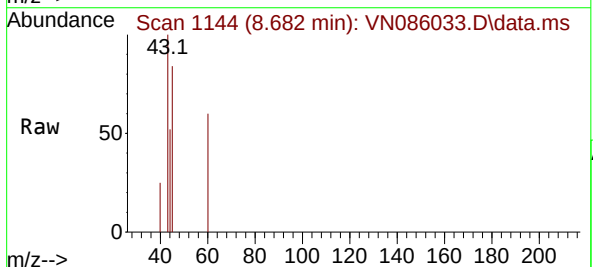


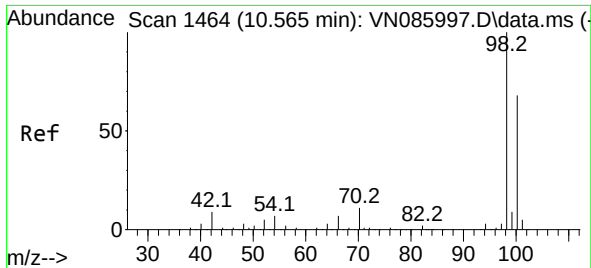
Tgt Ion: 117 Resp: 15361
Ion Ratio Lower Upper
117 100
119 6.9 77.0 115.4#
121 0.0 25.6 38.4#



#43
Isopropyl Acetate
Concen: 0.430 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Tgt Ion: 43 Resp: 1817
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 13.0 19.4#

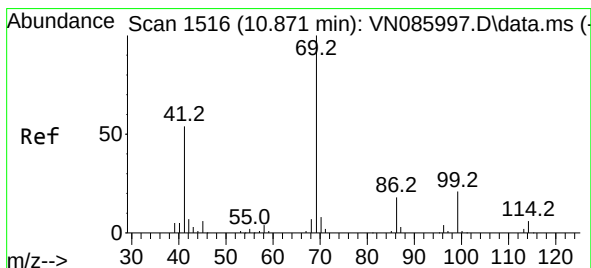
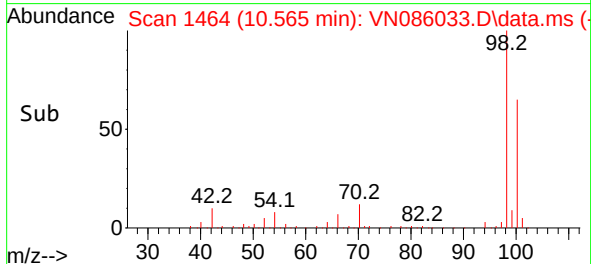
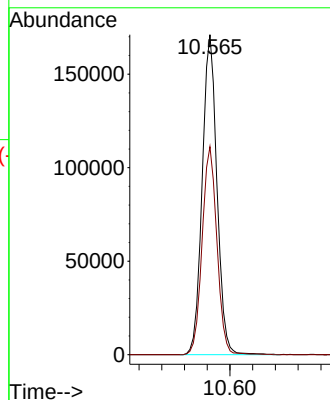
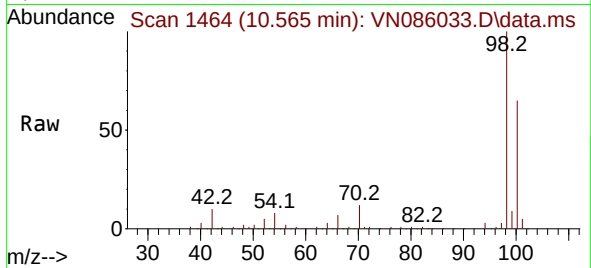




#50
Toluene-d8
Concen: 48.306 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

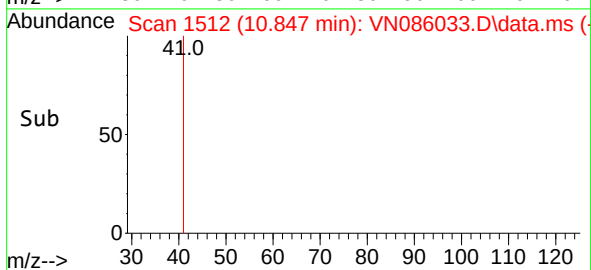
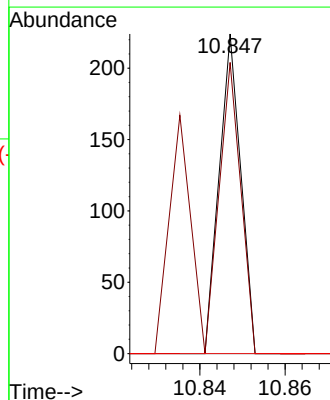
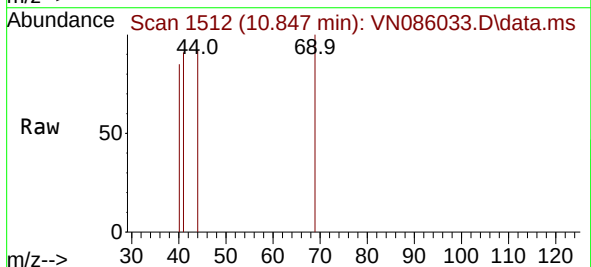
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01

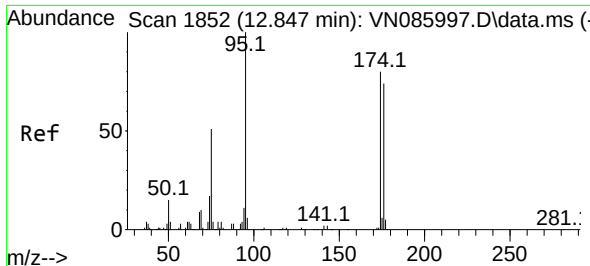
Tgt Ion: 98 Resp: 307584
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#56
Ethyl methacrylate
Concen: 0.224 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. -0.024 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Tgt Ion: 69 Resp: 79
Ion Ratio Lower Upper
69 100
41 74.7 41.6 62.4#
39 0.0 21.8 32.8#

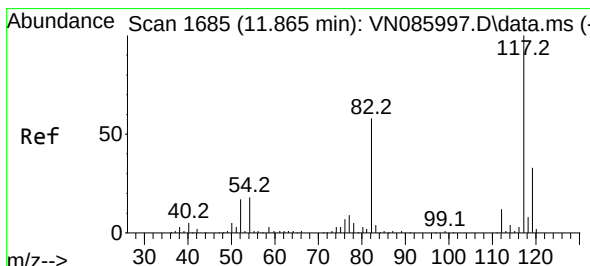
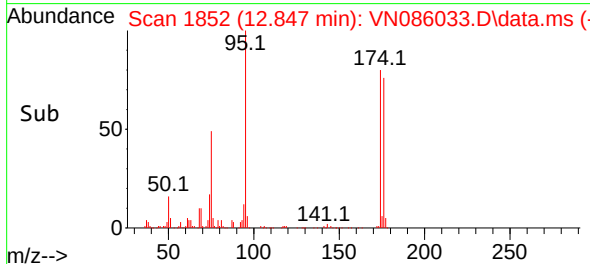
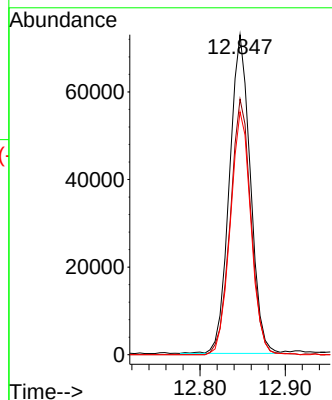
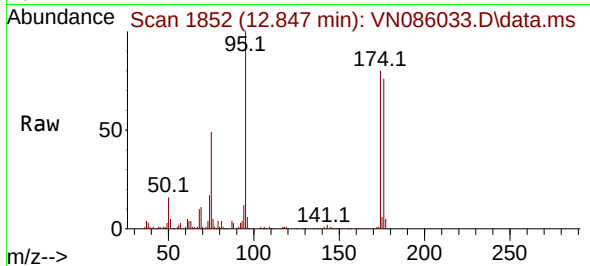




#62
4-Bromofluorobenzene
Concen: 54.687 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

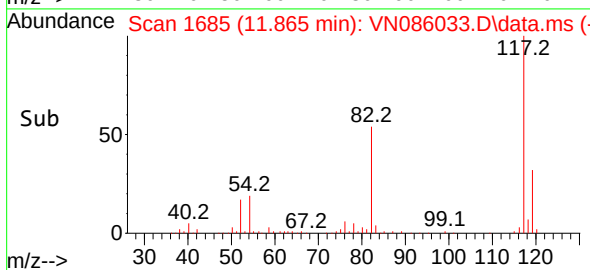
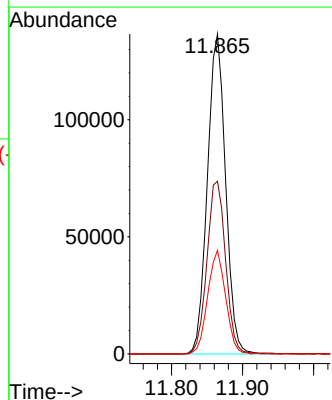
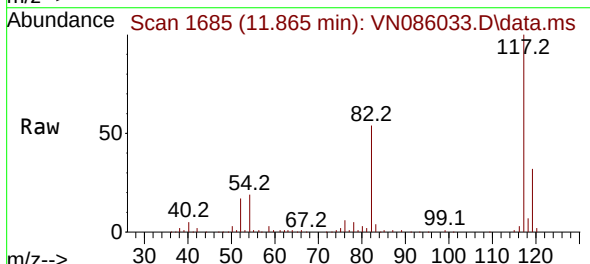
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01

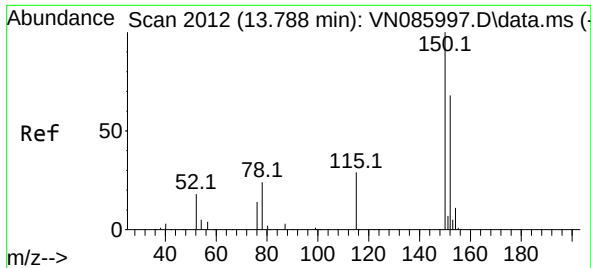
Tgt Ion:	95	Resp:	124183
Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	156.8
176	75.3	0.0	152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Tgt Ion:	117	Resp:	243209
Ion	Ratio	Lower	Upper
117	100		
82	54.0	46.7	70.1
119	32.4	26.5	39.7

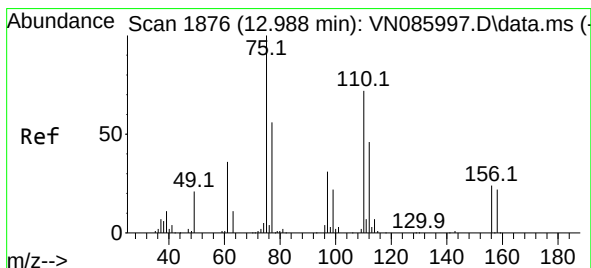
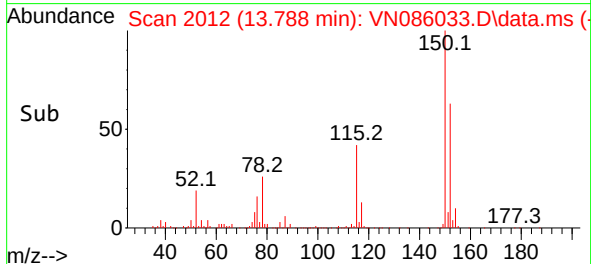
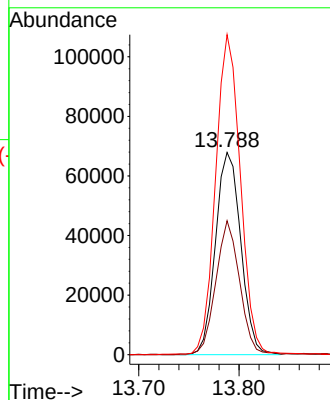
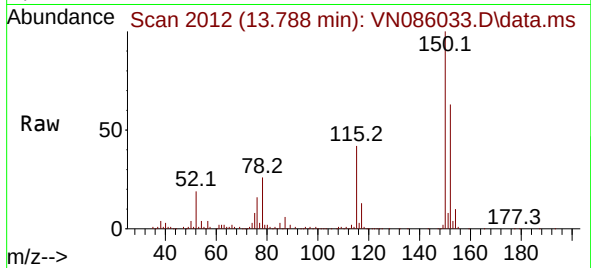




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086033.D
 Acq: 20 Mar 2025 18:45

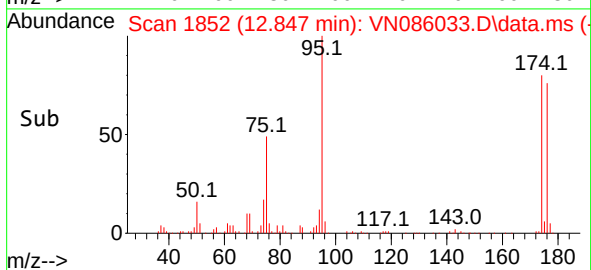
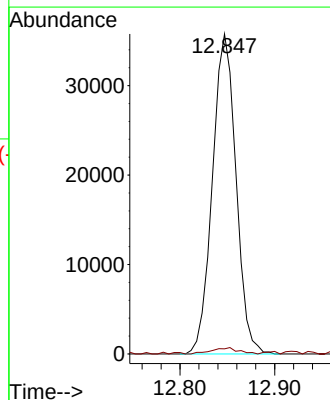
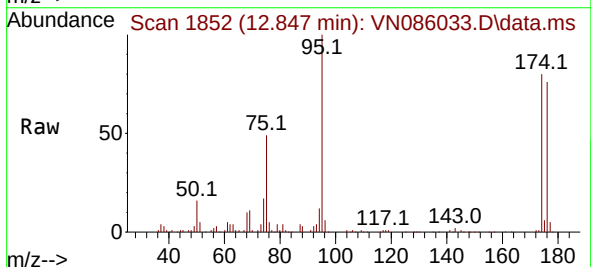
Instrument :
 MSVOA_N
 ClientSampleId :
 TP20250320-01

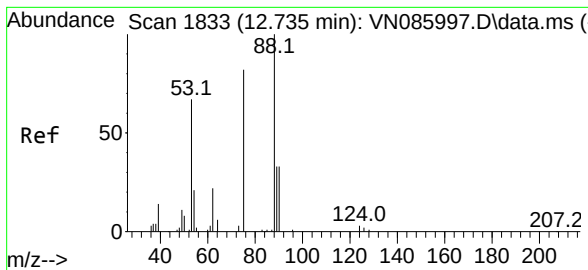
Tgt Ion:152 Resp: 119013
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.1 93.2
 150 155.6 0.0 359.6



#76
 1,2,3-Trichloropropane
 Concen: 23.233 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN086033.D
 Acq: 20 Mar 2025 18:45

Tgt Ion: 75 Resp: 61903
 Ion Ratio Lower Upper
 75 100
 77 2.2 83.7 251.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.423 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN086033.D
 Acq: 20 Mar 2025 18:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TP20250320-01

Tgt Ion: 75 Resp: 61903
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.0 99.0#
 89 0.0 36.9 55.3#

