

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085533.D
 Acq On : 28 Jan 2025 13:00
 Operator : JC\MD
 Sample : Q1194-09RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 29 00:38:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

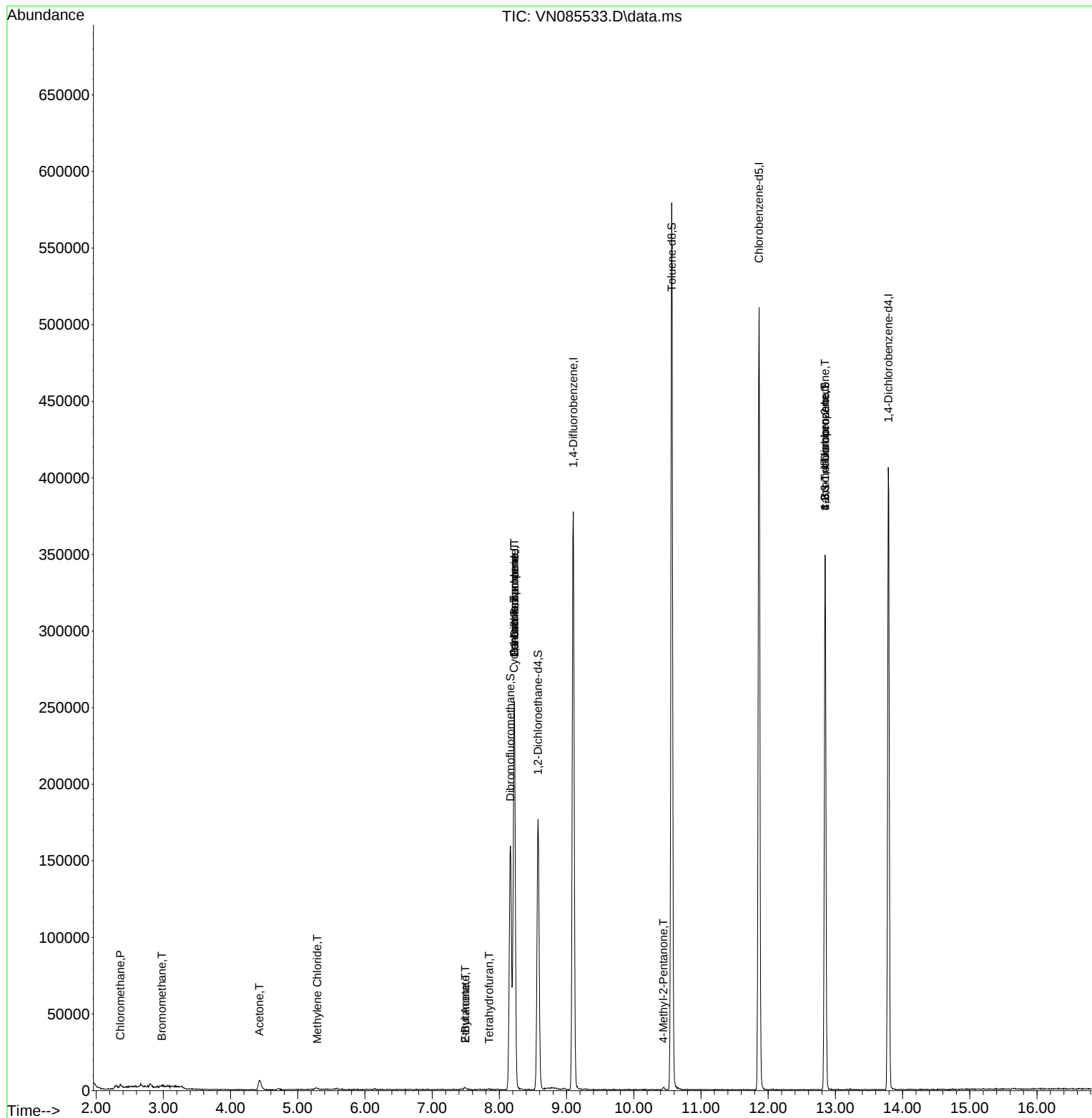
Internal Standards						
1) Pentafluorobenzene	8.224	168	169030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149462	54.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.560%	
35) Dibromofluoromethane	8.165	113	112628	51.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.660%	
50) Toluene-d8	10.565	98	381699	49.443	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.880%	
62) 4-Bromofluorobenzene	12.847	95	114691	43.430	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 86.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1714	0.692	ug/l #	87
5) Bromomethane	2.977	94	735	0.489	ug/l #	79
16) Acetone	4.430	43	12983	14.727	ug/l	96
20) Methylene Chloride	5.289	84	870	0.399	ug/l #	57
25) 2-Butanone	7.494	43	2671	2.059	ug/l #	79
29) Tetrahydrofuran	7.847	42	526	0.639	ug/l #	34
31) Cyclohexane	8.218	56	4806	1.388	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15694	5.146	ug/l #	51
37) Ethyl Acetate	7.494	43	2671	0.868	ug/l #	70
38) Carbon Tetrachloride	8.224	117	19290	5.525	ug/l #	18
51) 4-Methyl-2-Pentanone	10.441	43	1541	0.538	ug/l #	87
76) 1,2,3-Trichloropropane	12.847	75	64711	29.756	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64711	80.507	ug/l #	3

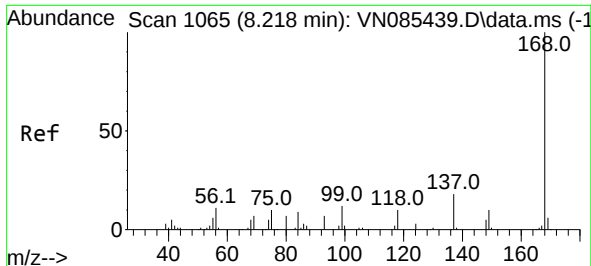
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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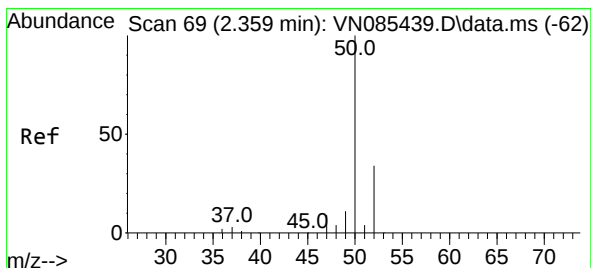
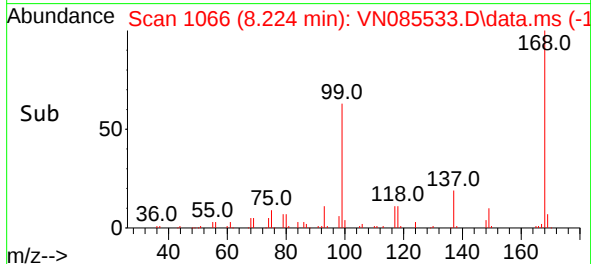
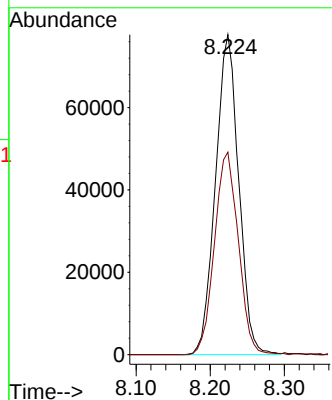
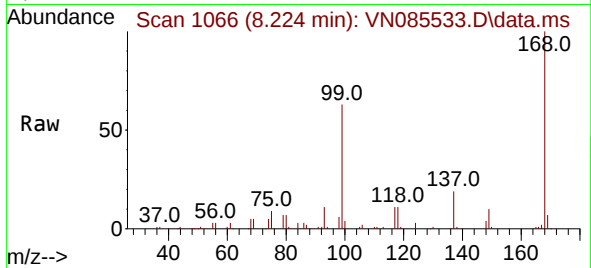




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

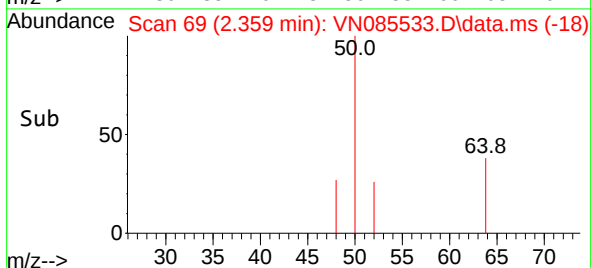
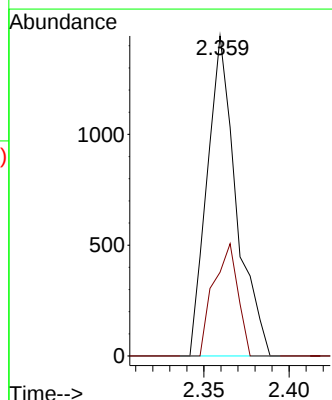
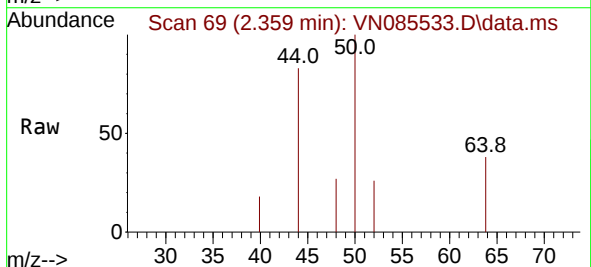
Instrument :
MSVOA_N
ClientSampleId :

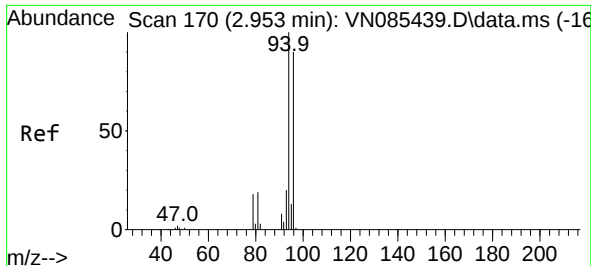
Tgt Ion:168 Resp: 169030
Ion Ratio Lower Upper
168 100
99 63.3 53.6 80.4



#3
Chloromethane
Concen: 0.692 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

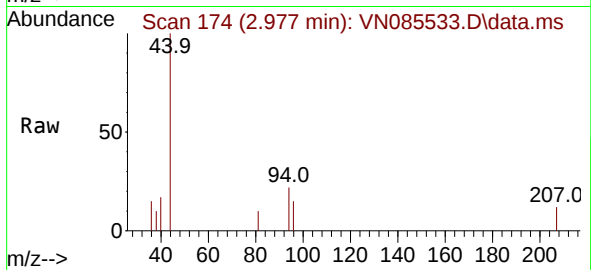
Tgt Ion: 50 Resp: 1714
Ion Ratio Lower Upper
50 100
52 26.2 27.0 40.6#



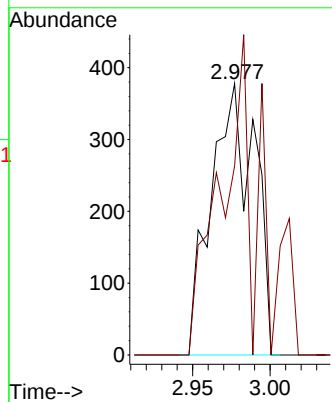
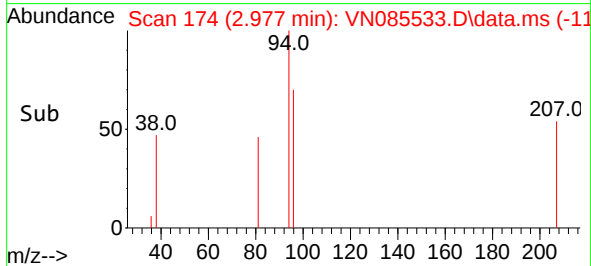


#5
Bromomethane
Concen: 0.489 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

Instrument :
MSVOA_N
ClientSampleId :

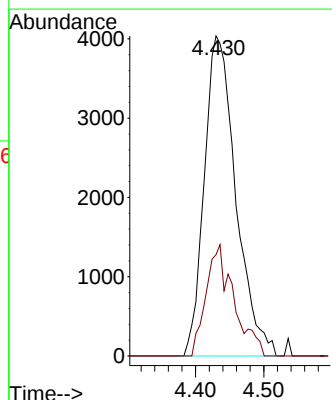
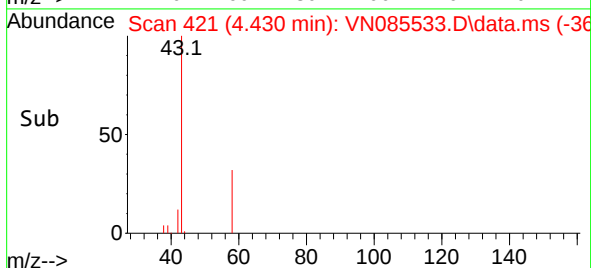
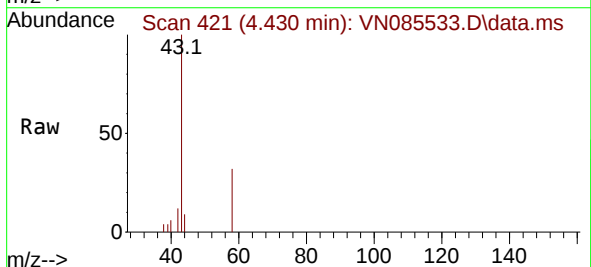


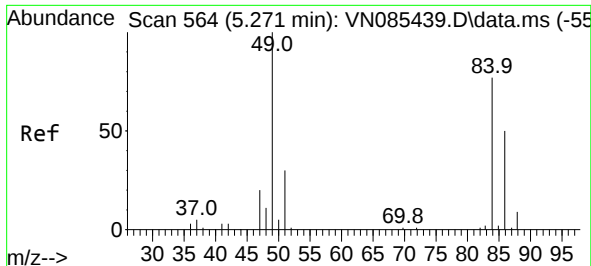
Tgt Ion: 94 Resp: 735
Ion Ratio Lower Upper
94 100
96 69.6 71.8 107.6#



#16
Acetone
Concen: 14.727 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

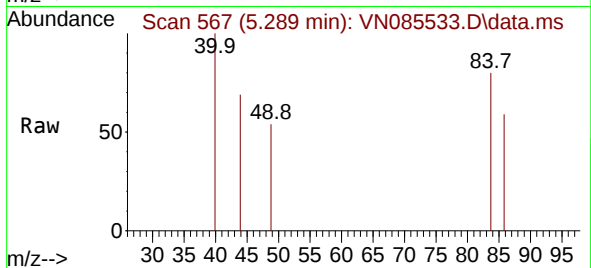
Tgt Ion: 43 Resp: 12983
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.6





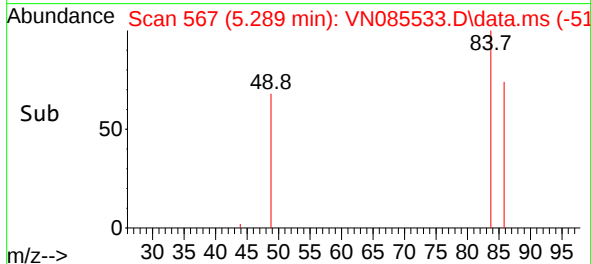
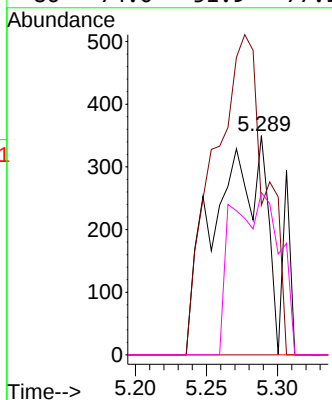
#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 870

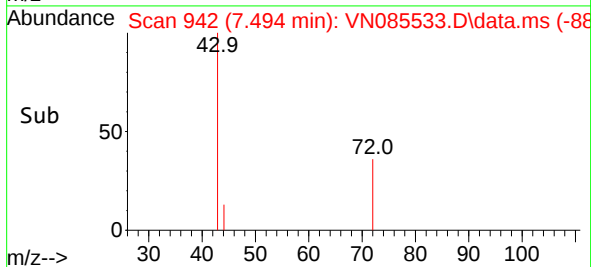
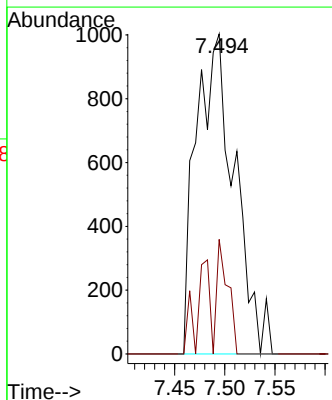
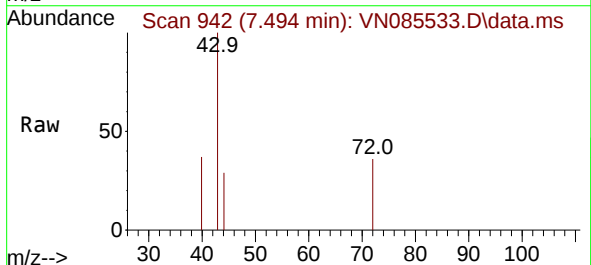
Ion	Ratio	Lower	Upper
84	100		
49	68.3	104.1	156.1#
51	0.0	31.0	46.4#
86	74.0	51.9	77.9

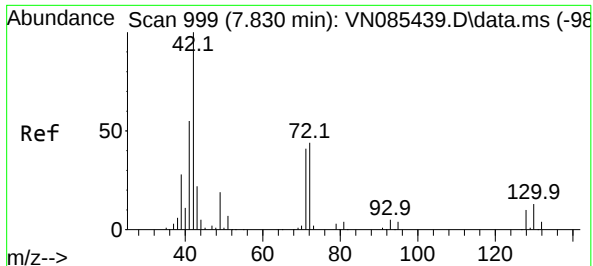


#25
2-Butanone
Concen: 2.059 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

Tgt Ion: 43 Resp: 2671

Ion	Ratio	Lower	Upper
43	100		
72	35.8	20.2	30.4#





#29

Tetrahydrofuran

Concen: 0.639 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.018 min

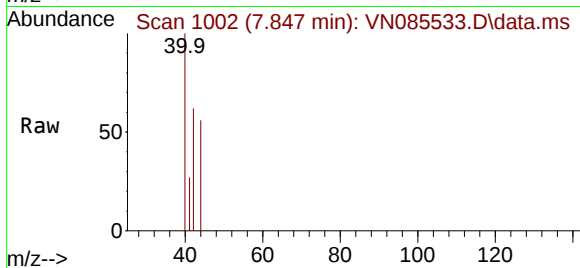
Lab File: VN085533.D

Acq: 28 Jan 2025 13:00

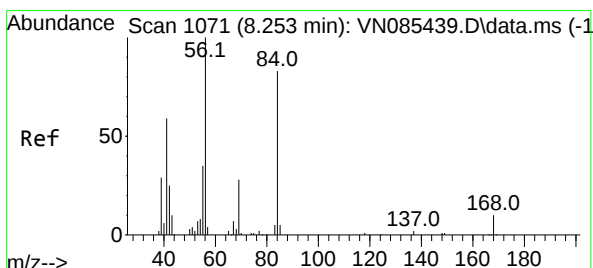
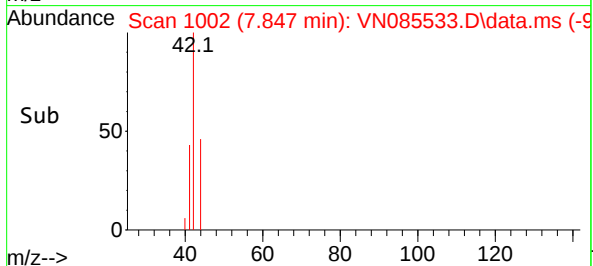
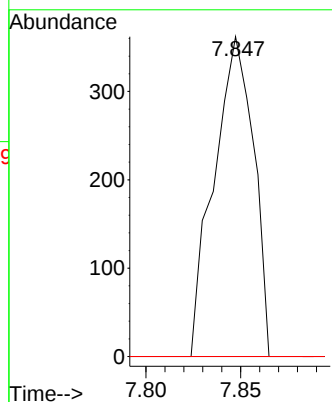
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	526
Ion Ratio	Lower	Upper	
42	100		
72	0.0	34.2	51.2#
71	0.0	32.5	48.7#



#31

Cyclohexane

Concen: 1.388 ug/l

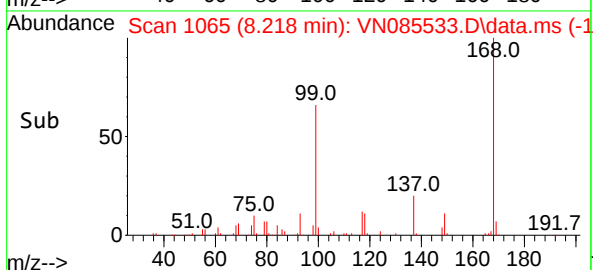
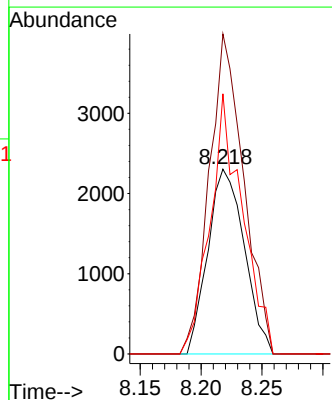
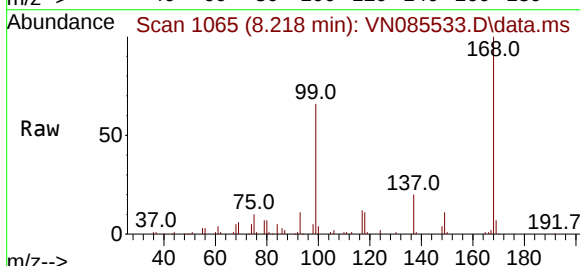
RT: 8.218 min Scan# 1065

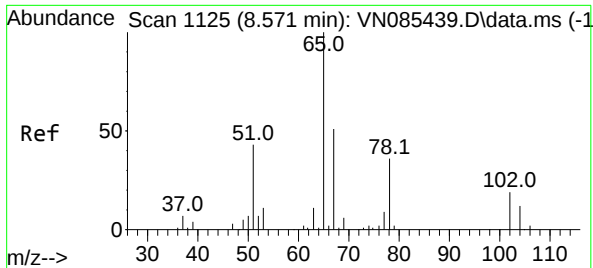
Delta R.T. -0.035 min

Lab File: VN085533.D

Acq: 28 Jan 2025 13:00

Tgt Ion:	56	Resp:	4806
Ion Ratio	Lower	Upper	
56	100		
69	173.1	22.2	33.4#
84	140.7	66.4	99.6#

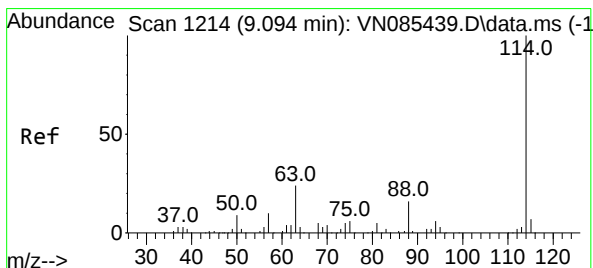
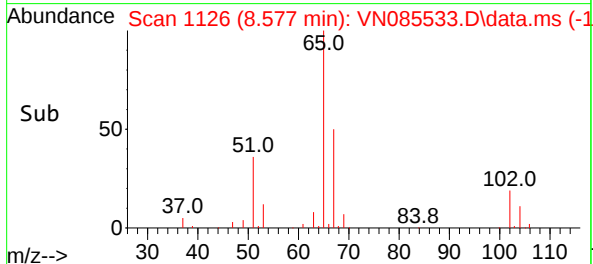
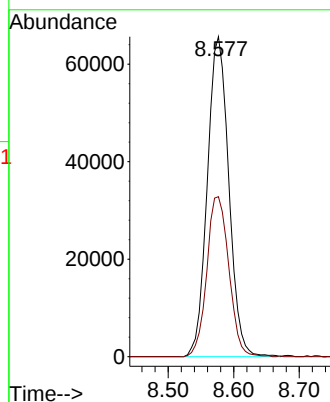
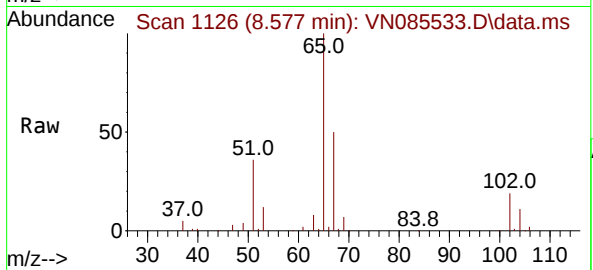




#33
 1,2-Dichloroethane-d4
 Concen: 54.778 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085533.D
 Acq: 28 Jan 2025 13:00

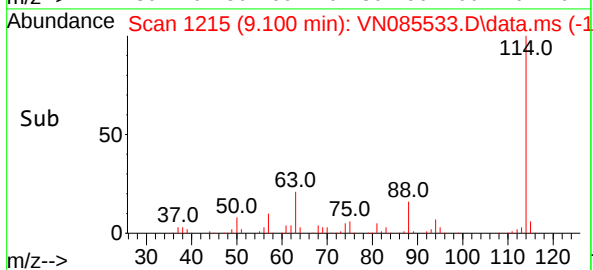
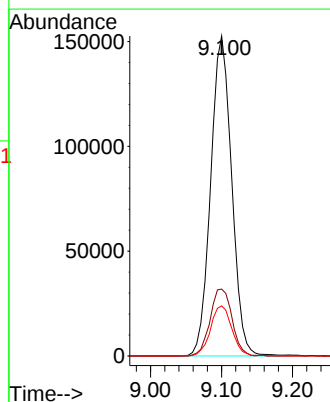
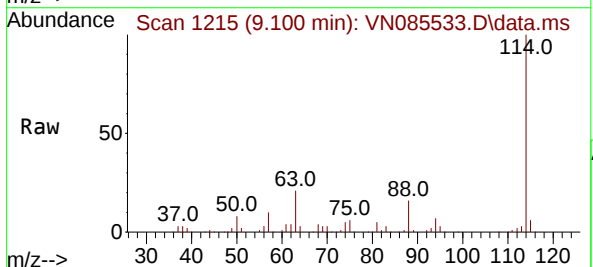
Instrument :
 MSVOA_N
 ClientSampleId :

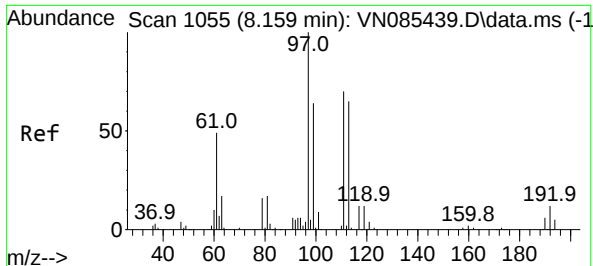
Tgt Ion: 65 Resp: 149462
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085533.D
 Acq: 28 Jan 2025 13:00

Tgt Ion: 114 Resp: 313197
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 47.6
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.835 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

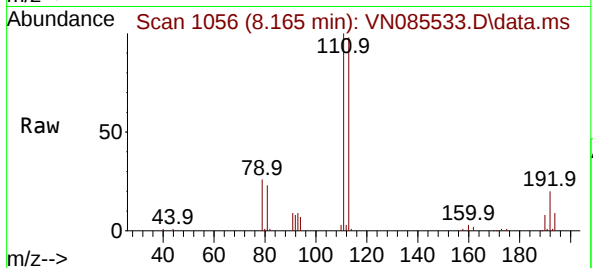
Lab File: VN085533.D

Acq: 28 Jan 2025 13:00

Instrument :

MSVOA_N

ClientSampleId :



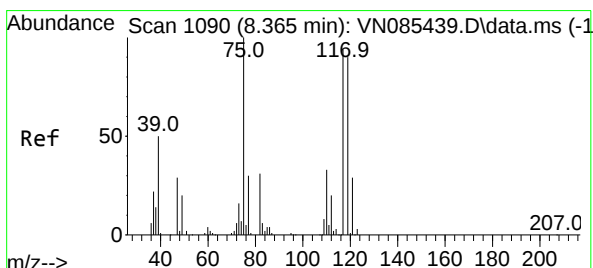
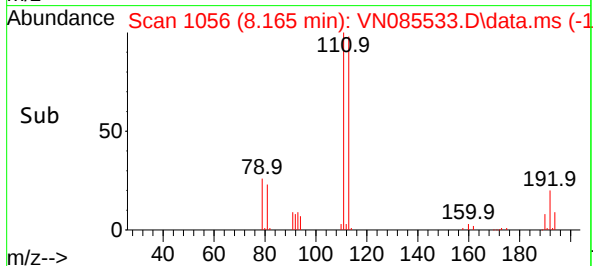
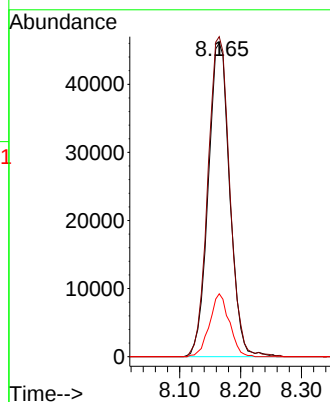
Tgt Ion:113 Resp: 112628

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

192 18.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.146 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085533.D

Acq: 28 Jan 2025 13:00

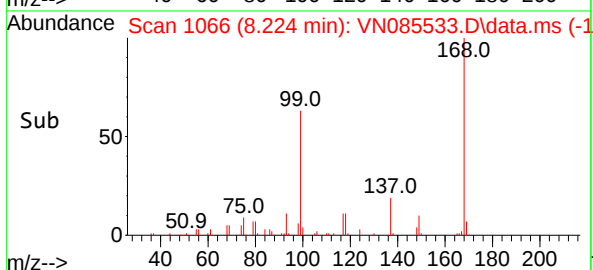
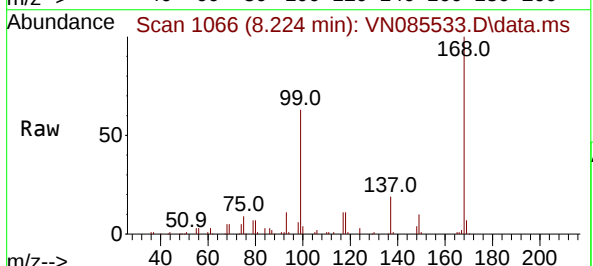
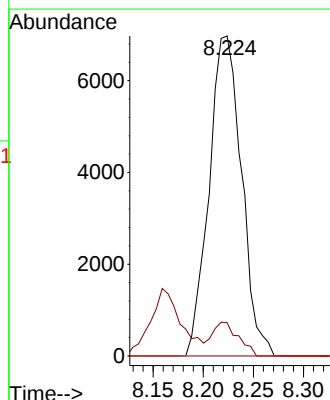
Tgt Ion: 75 Resp: 15694

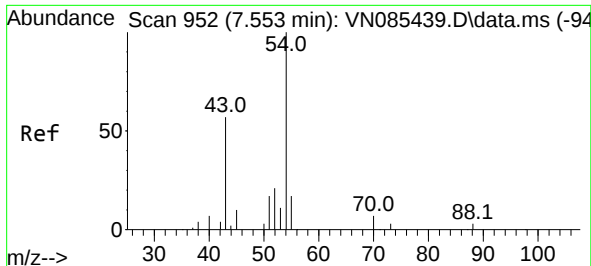
Ion Ratio Lower Upper

75 100

110 8.5 16.5 49.5#

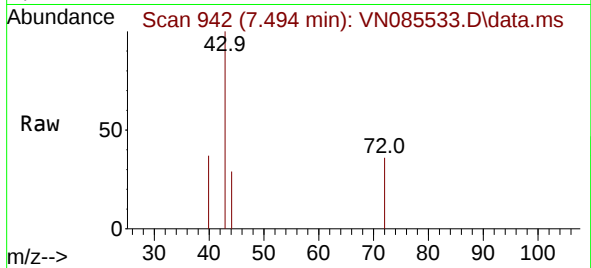
77 0.0 24.4 36.6#



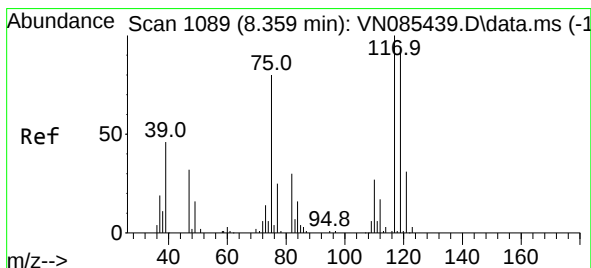
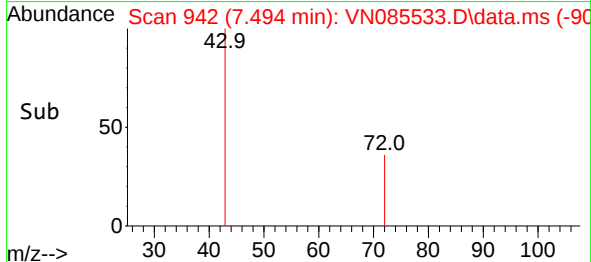
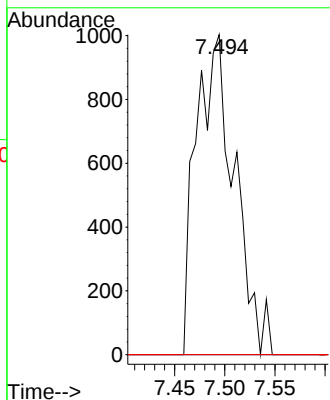


#37
Ethyl Acetate
Concen: 0.868 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.059 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

Instrument :
MSVOA_N
ClientSampleId :

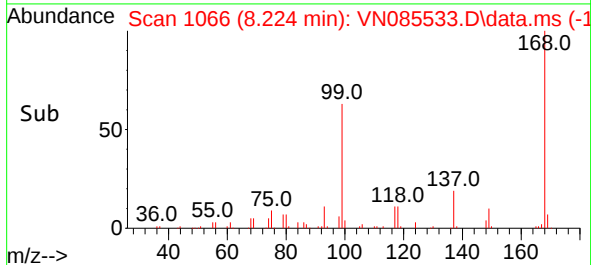
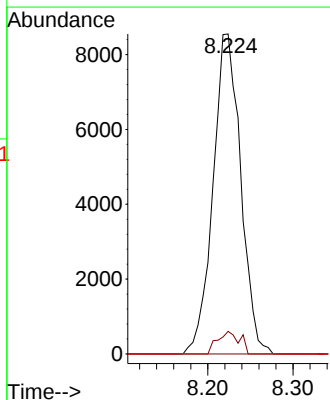
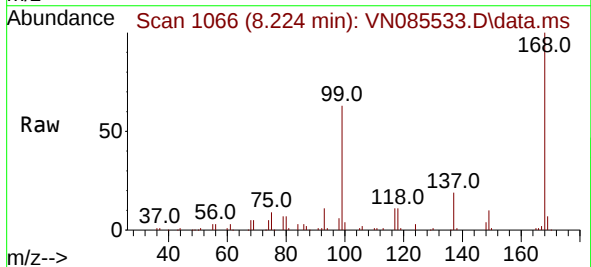


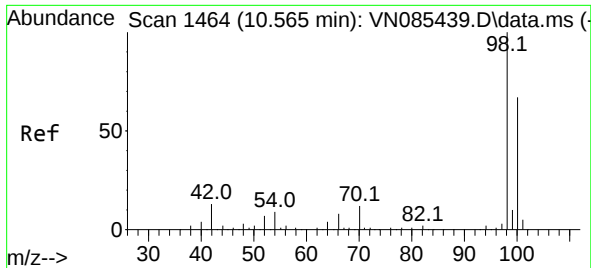
Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 5.525 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

Tgt Ion: 117 Resp: 19290
Ion Ratio Lower Upper
117 100
119 7.0 75.4 113.2#
121 0.0 24.6 37.0#

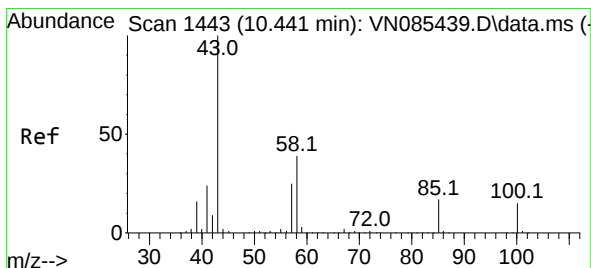
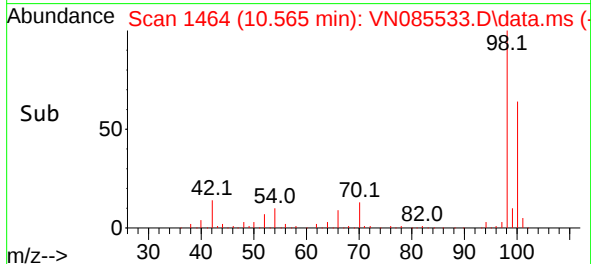
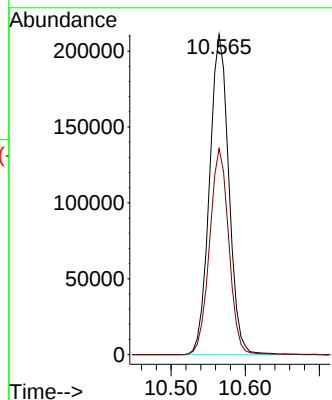
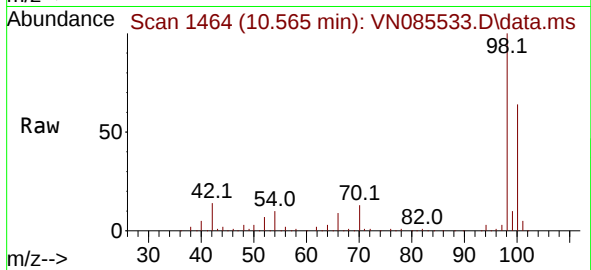




#50
Toluene-d8
Concen: 49.443 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

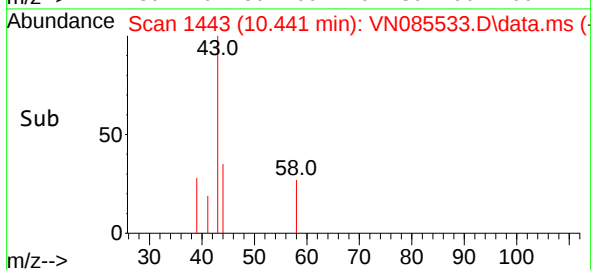
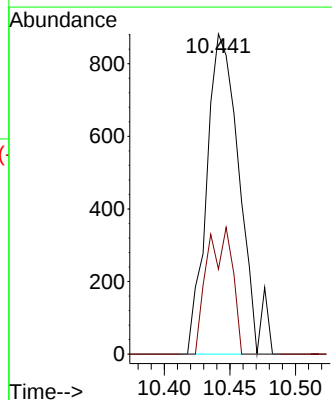
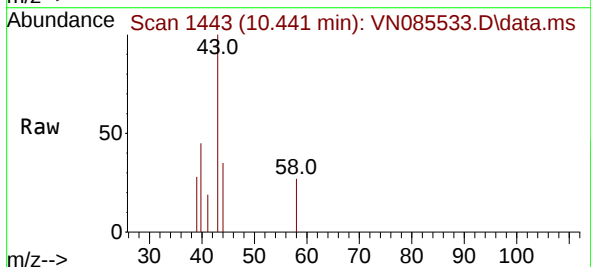
Instrument :
MSVOA_N
ClientSampleId :

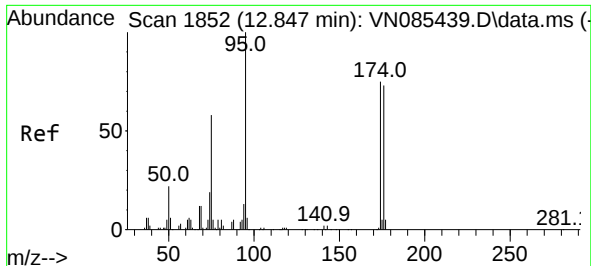
Tgt Ion: 98 Resp: 381699
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 30.3 30.5 45.7#

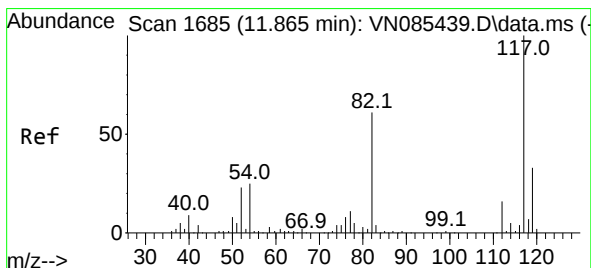
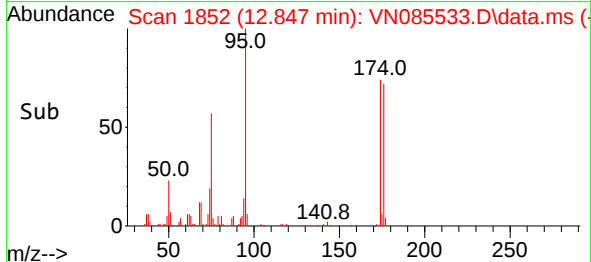
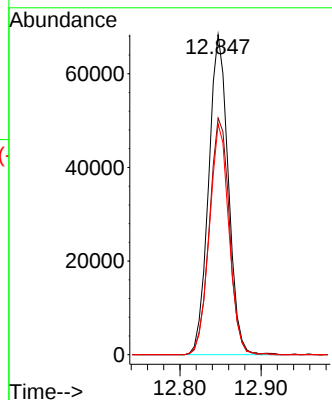
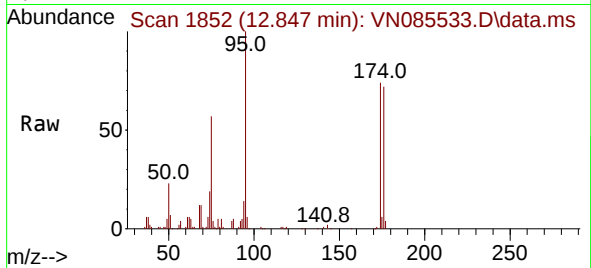




#62
4-Bromofluorobenzene
Concen: 43.430 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

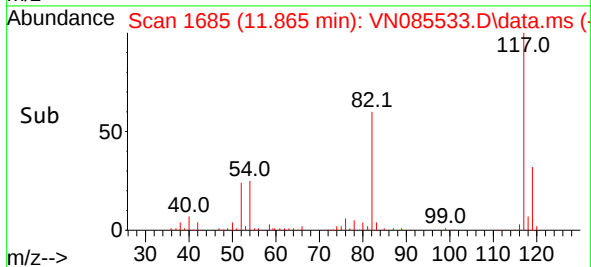
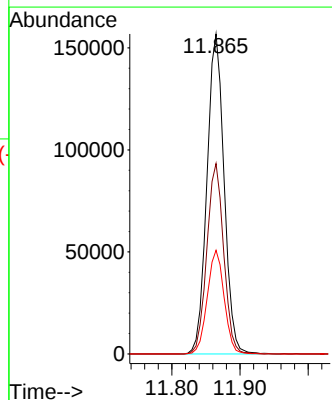
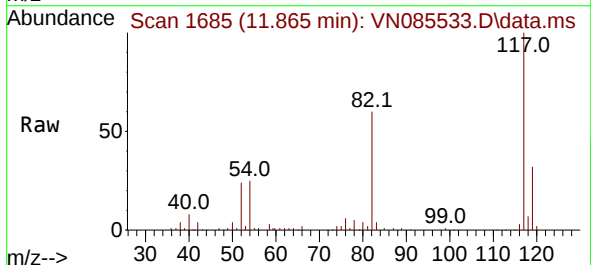
Instrument :
MSVOA_N
ClientSampleId :

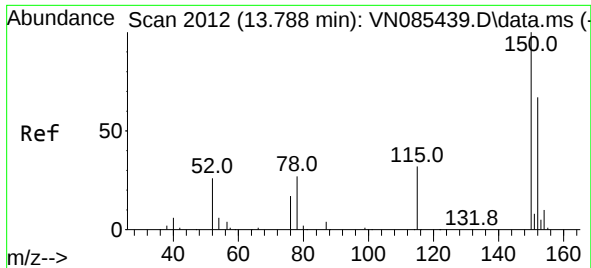
Tgt Ion: 95 Resp: 114691
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.0
176 71.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

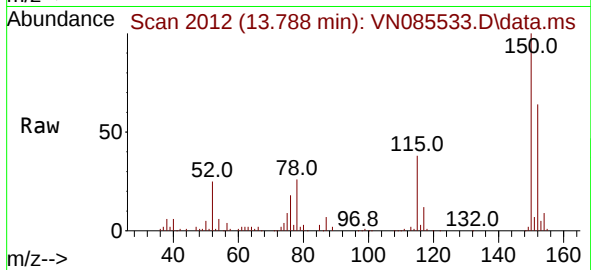
Tgt Ion: 117 Resp: 274340
Ion Ratio Lower Upper
117 100
82 59.5 48.6 72.8
119 32.4 26.6 39.8



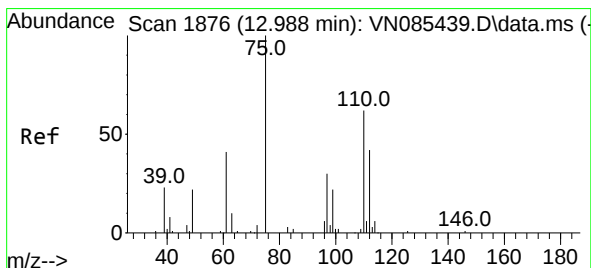
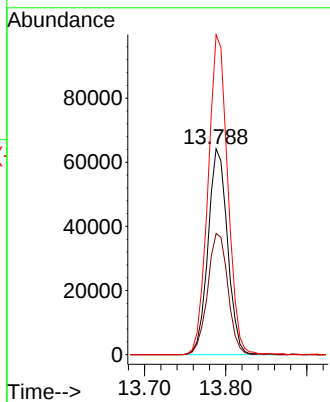
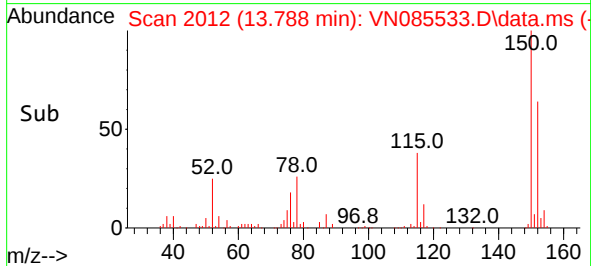


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

Instrument :
MSVOA_N
ClientSampleId :

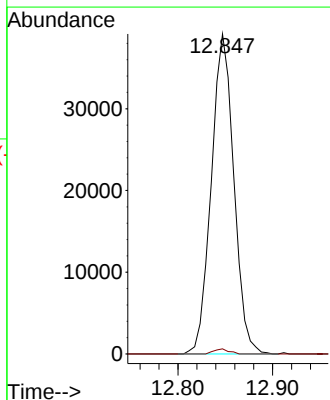
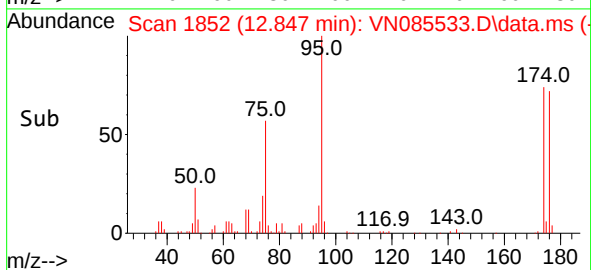
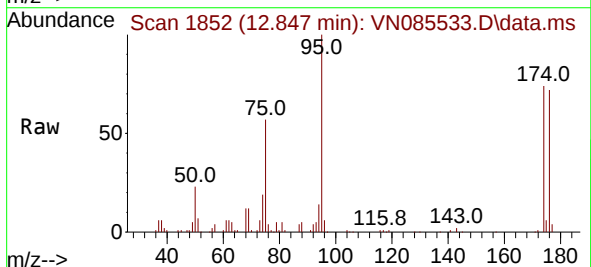


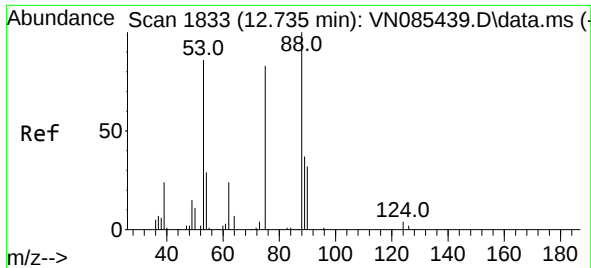
Tgt Ion:152 Resp: 106996
Ion Ratio Lower Upper
152 100
115 61.2 31.1 93.3
150 156.8 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 29.756 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085533.D
Acq: 28 Jan 2025 13:00

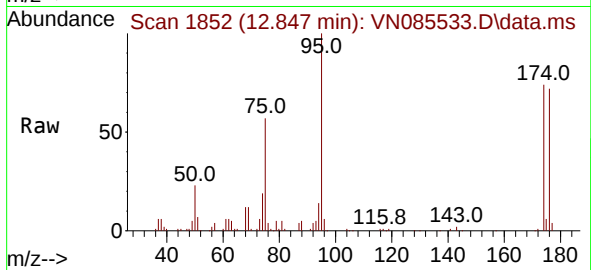
Tgt Ion: 75 Resp: 64711
Ion Ratio Lower Upper
75 100
77 1.1 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.507 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085533.D
 Acq: 28 Jan 2025 13:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 64711
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.6 143.4#
 89 0.0 37.0 55.6#

