

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085923.D
 Acq On : 10 Mar 2025 18:47
 Operator : JC\MD
 Sample : Q1516-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 11 01:41:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

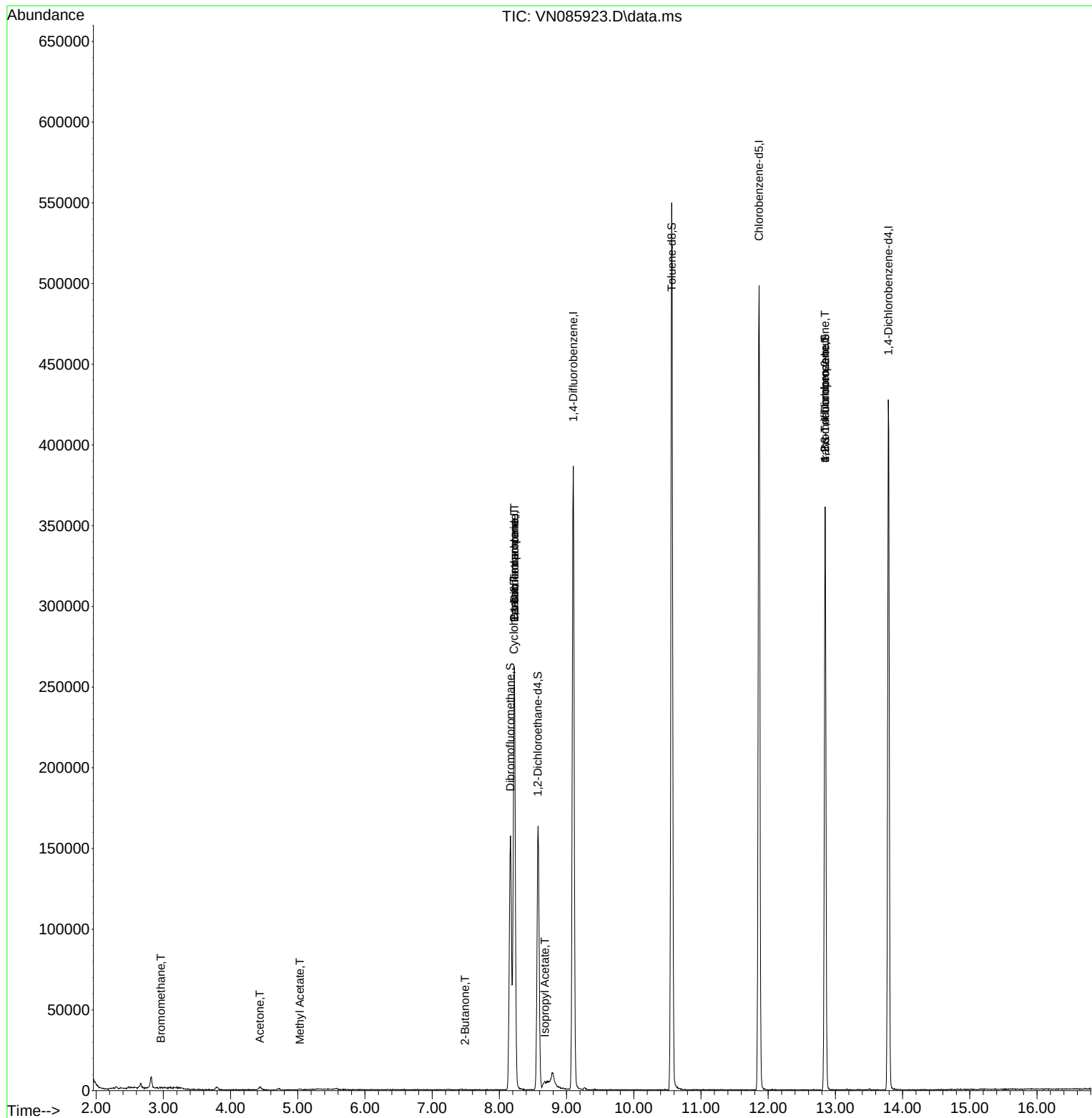
Internal Standards						
1) Pentafluorobenzene	8.224	168	181631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	134756	57.227	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.460%	
35) Dibromofluoromethane	8.165	113	113352	51.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.040%	
50) Toluene-d8	10.565	98	388785	48.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.140%	
62) 4-Bromofluorobenzene	12.847	95	125421	47.559	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	415	0.247	ug/l	96
16) Acetone	4.436	43	3333	4.473	ug/l #	83
18) Methyl Acetate	5.030	43	843	0.329	ug/l #	47
25) 2-Butanone	7.489	43	319	0.291	ug/l #	45
31) Cyclohexane	8.218	56	4023	1.196	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	15892	5.104	ug/l #	49
38) Carbon Tetrachloride	8.224	117	20528	5.549	ug/l #	19
43) Isopropyl Acetate	8.677	43	3906	0.326	ug/l #	53
76) 1,2,3-Trichloropropane	12.847	75	62143	23.201	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62143	67.696	ug/l #	13

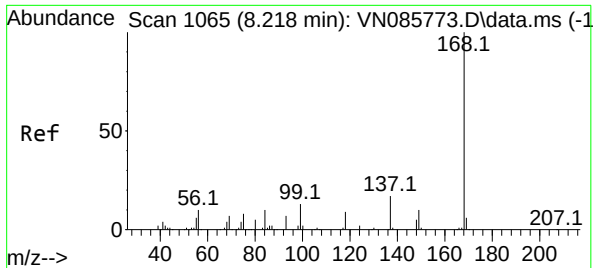
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
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Quant Time: Mar 11 01:41:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

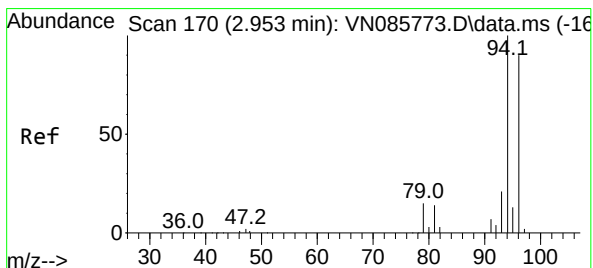
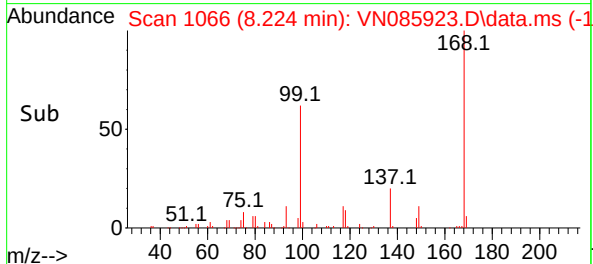
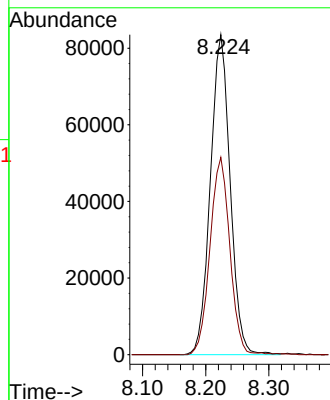
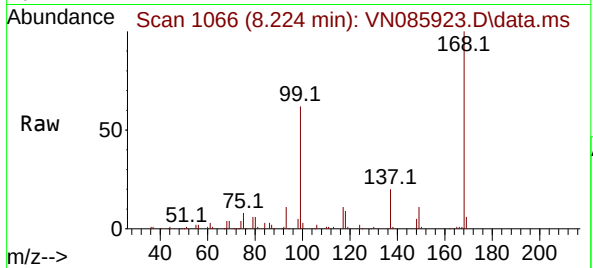




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

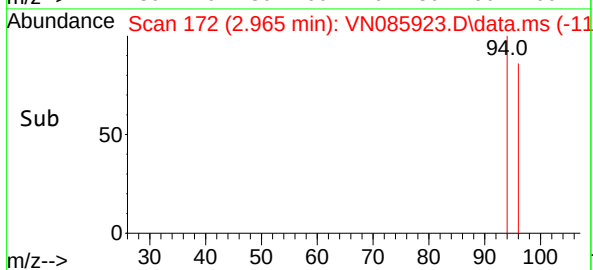
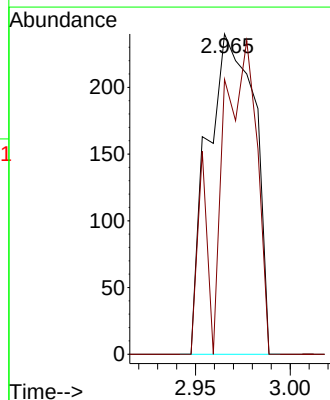
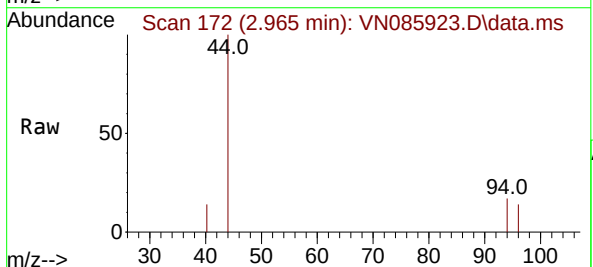
Instrument :
MSVOA_N
ClientSampleId :

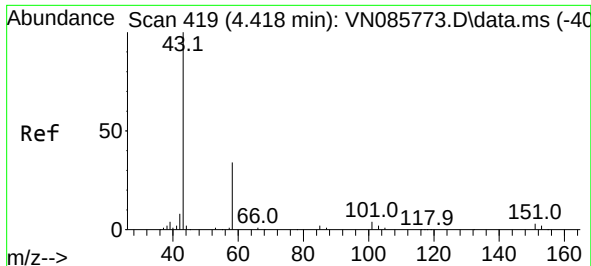
Tgt Ion:168 Resp: 181631
Ion Ratio Lower Upper
168 100
99 61.7 47.9 71.9



#5
Bromomethane
Concen: 0.247 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Tgt Ion: 94 Resp: 415
Ion Ratio Lower Upper
94 100
96 85.8 71.7 107.5

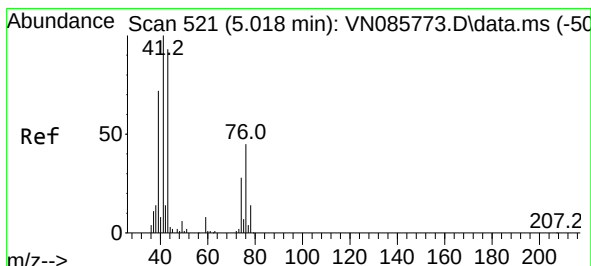
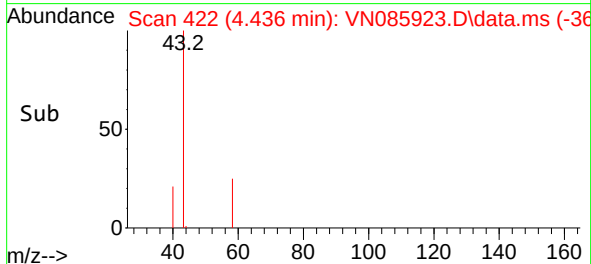
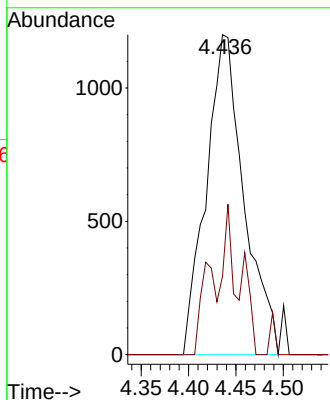
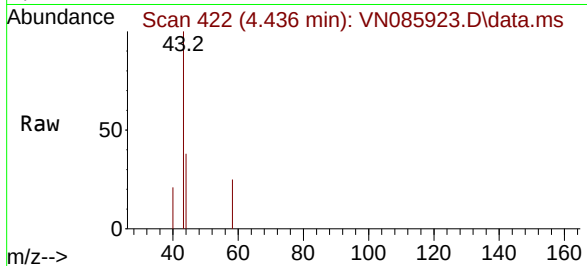




#16
Acetone
Concen: 4.473 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

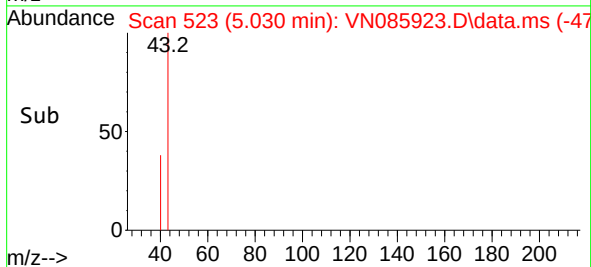
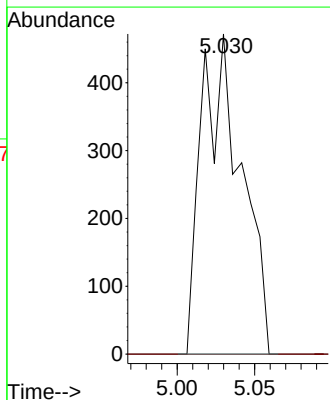
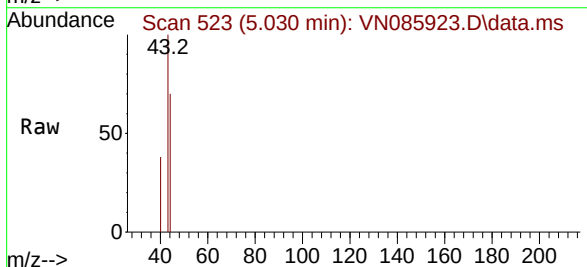
Instrument :
MSVOA_N
ClientSampleId :

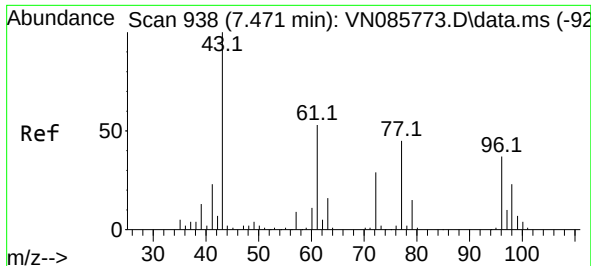
Tgt Ion: 43 Resp: 3333
Ion Ratio Lower Upper
43 100
58 24.5 27.5 41.3#



#18
Methyl Acetate
Concen: 0.329 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

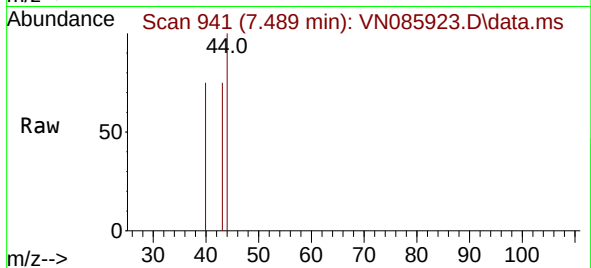
Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



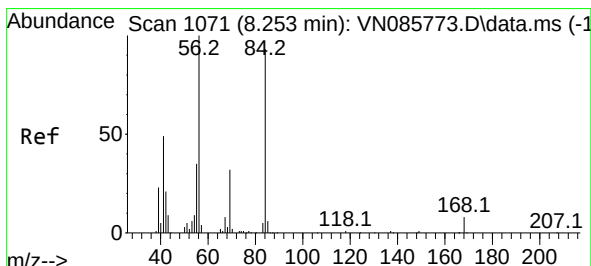
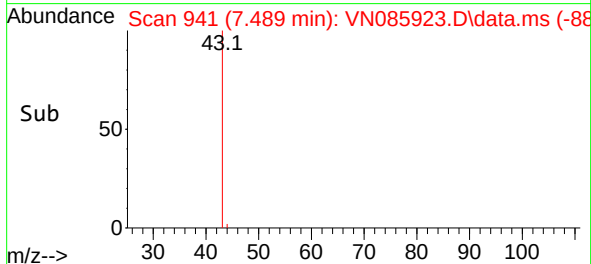
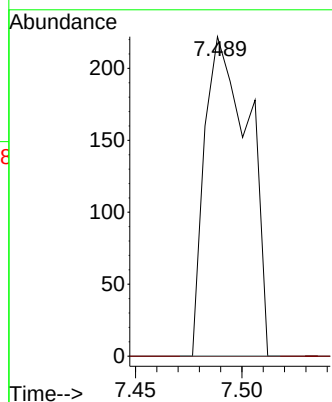


#25
2-Butanone
Concen: 0.291 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Instrument :
MSVOA_N
ClientSampleId :

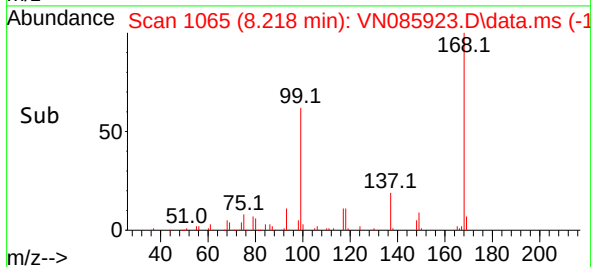
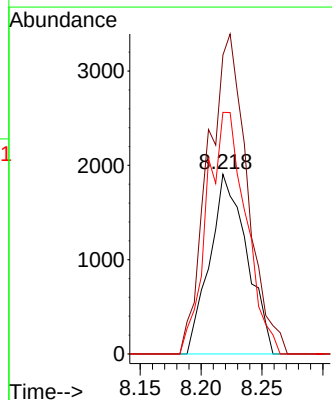
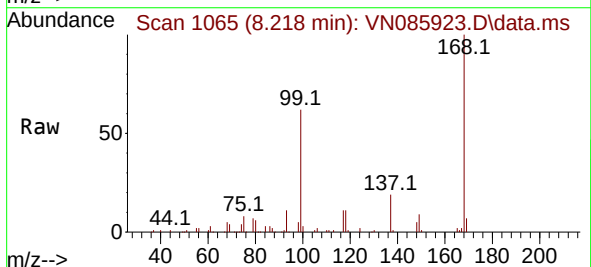


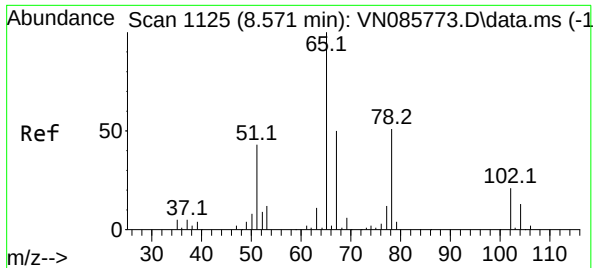
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
72 0.0 23.6 35.4#



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Tgt Ion: 56 Resp: 4023
Ion Ratio Lower Upper
56 100
69 166.3 25.8 38.6#
84 134.5 74.5 111.7#





#33

1,2-Dichloroethane-d4

Concen: 57.227 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085923.D

Acq: 10 Mar 2025 18:47

Instrument :

MSVOA_N

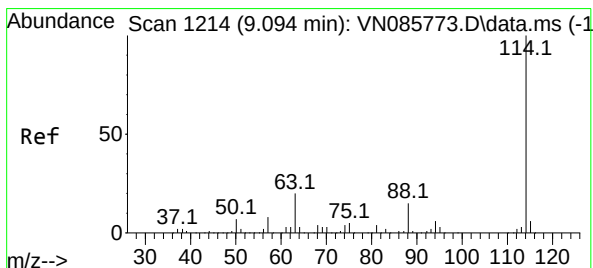
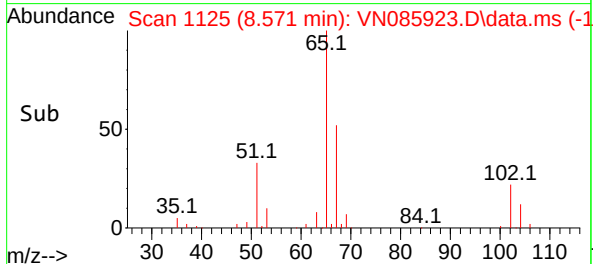
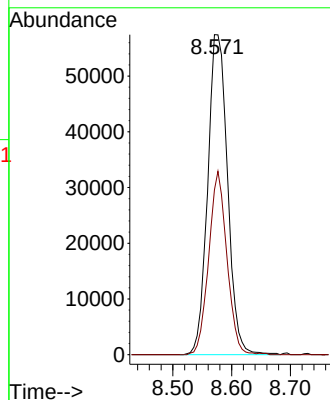
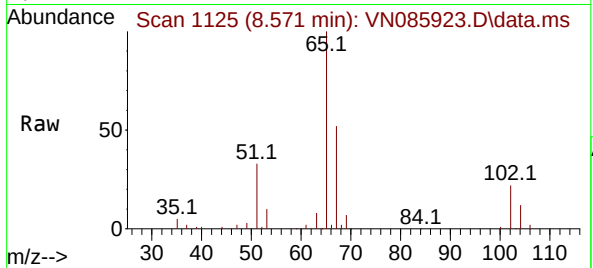
ClientSampleId :

Tgt Ion: 65 Resp: 134756

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085923.D

Acq: 10 Mar 2025 18:47

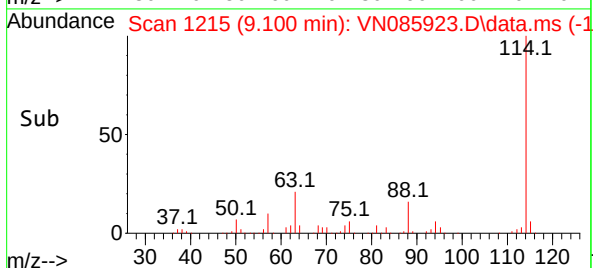
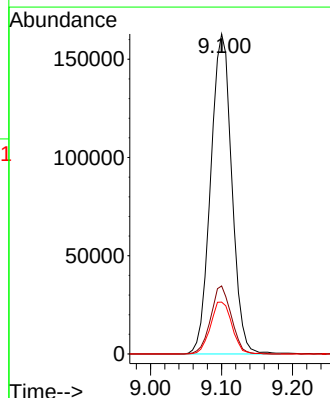
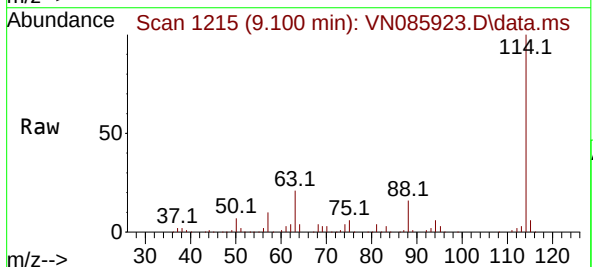
Tgt Ion: 114 Resp: 336202

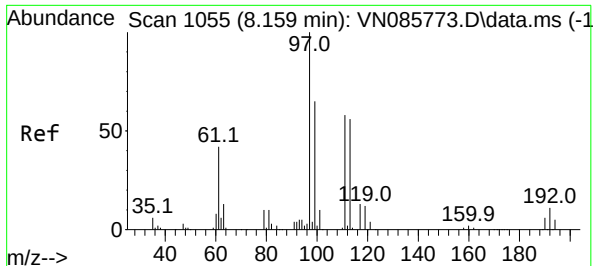
Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.2

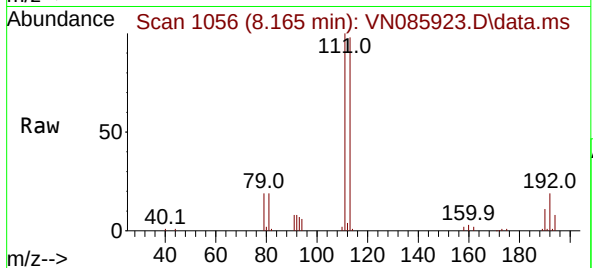
88 16.2 0.0 30.0



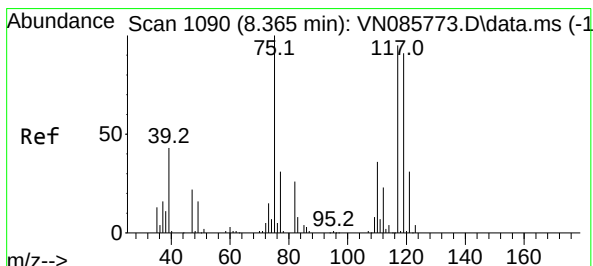
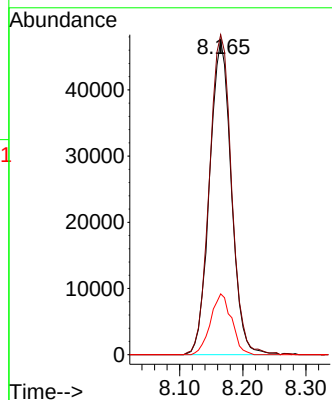
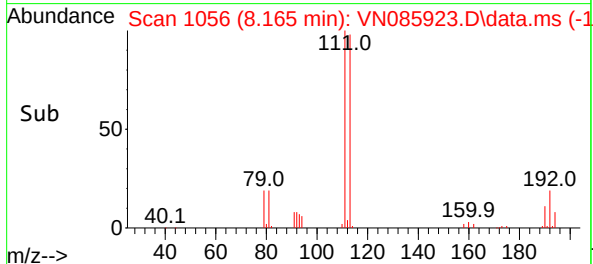


#35
Dibromofluoromethane
Concen: 51.525 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Instrument :
MSVOA_N
ClientSampleId :

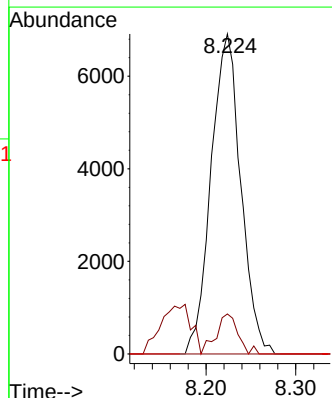
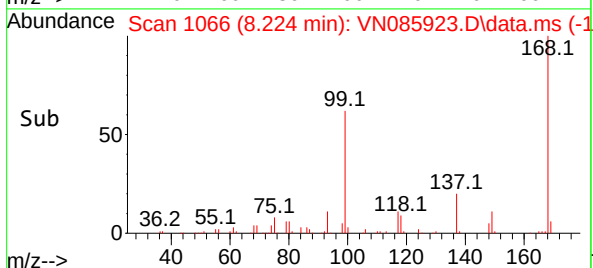
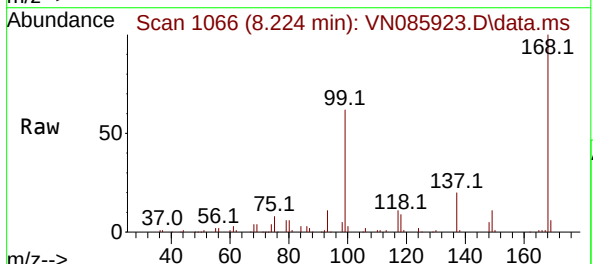


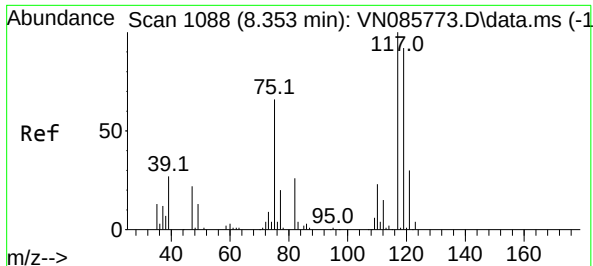
Tgt Ion:113 Resp: 113352
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 18.8 14.7 22.1



#36
1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

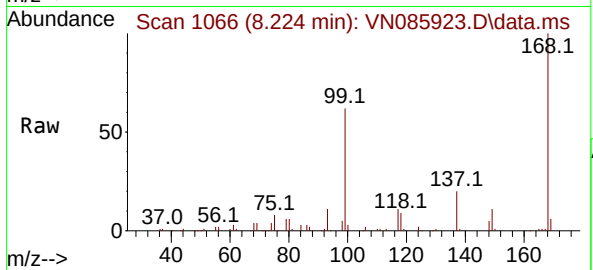
Tgt Ion: 75 Resp: 15892
Ion Ratio Lower Upper
75 100
110 7.9 17.3 52.0#
77 0.0 24.6 37.0#



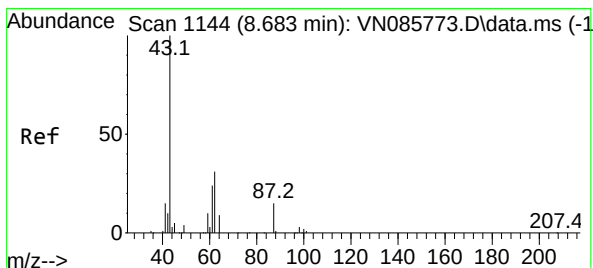
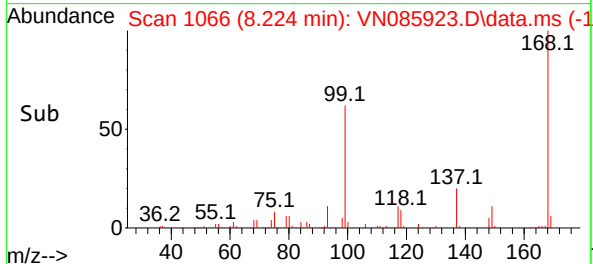
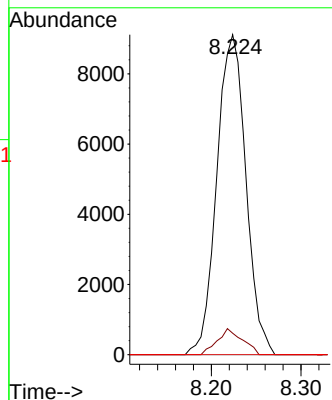


#38
Carbon Tetrachloride
Concen: 5.549 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.129 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Instrument :
MSVOA_N
ClientSampleId :

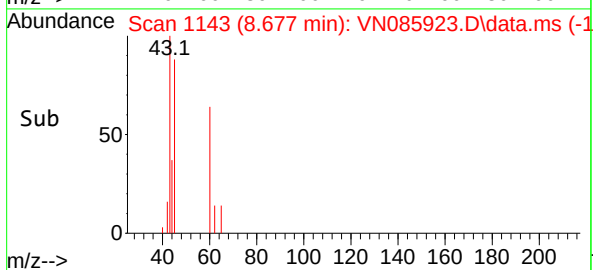
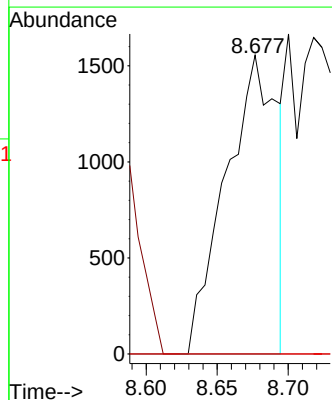
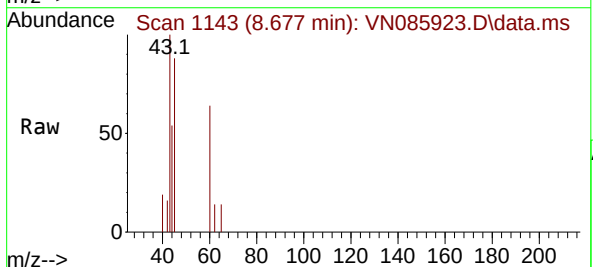


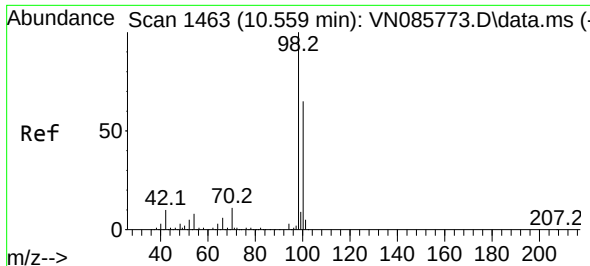
Tgt Ion:117 Resp: 20528
Ion Ratio Lower Upper
117 100
119 6.7 73.8 110.6#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.326 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Tgt Ion: 43 Resp: 3906
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#

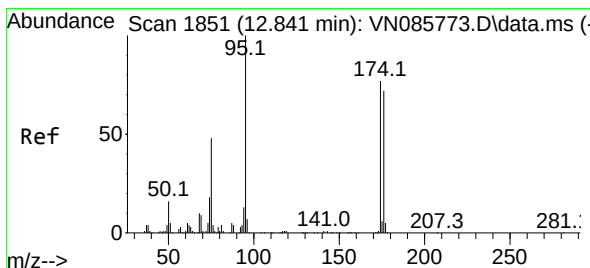
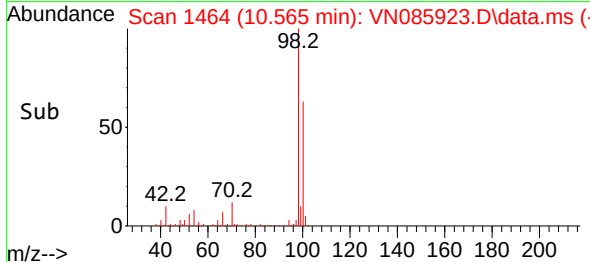
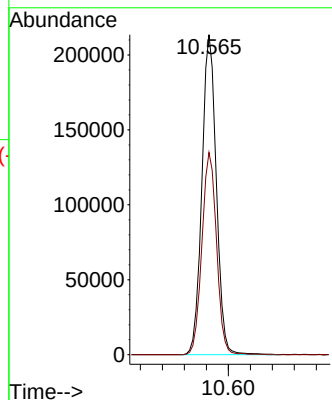
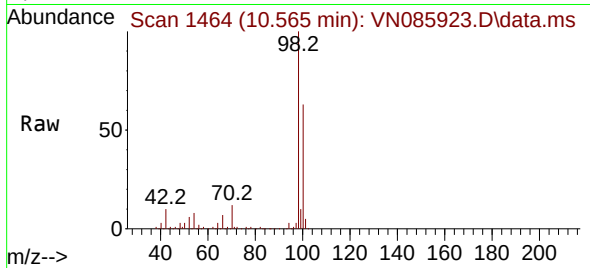




#50
Toluene-d8
Concen: 48.573 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

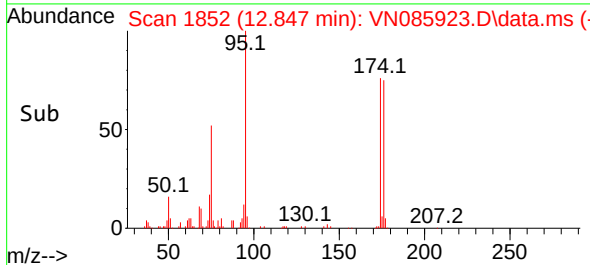
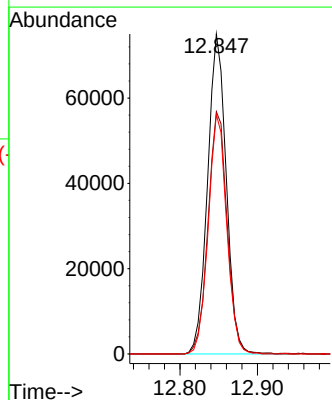
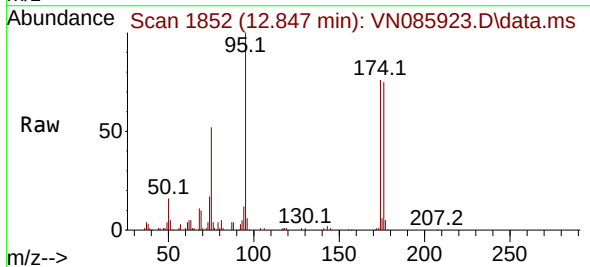
Instrument :
MSVOA_N
ClientSampleId :

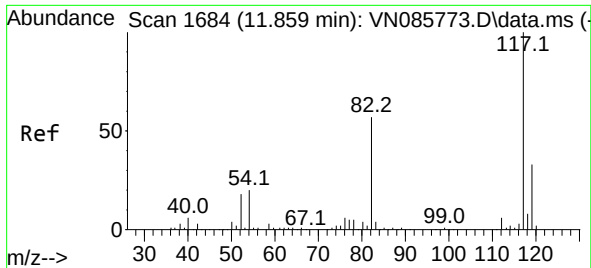
Tgt Ion: 98 Resp: 388785
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.559 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Tgt Ion: 95 Resp: 125421
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.4
176 73.8 0.0 146.6

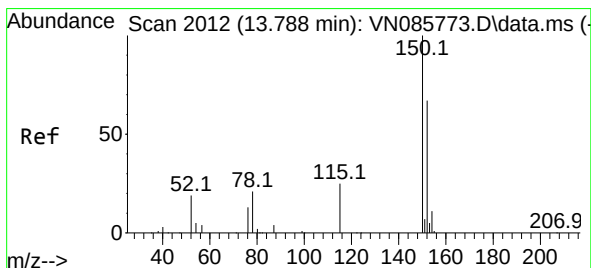
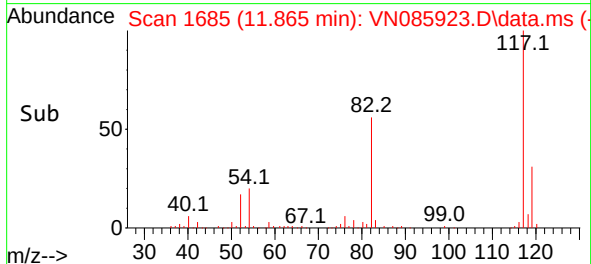
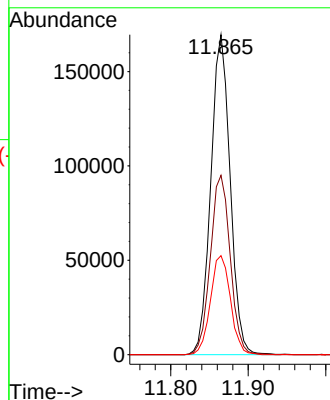
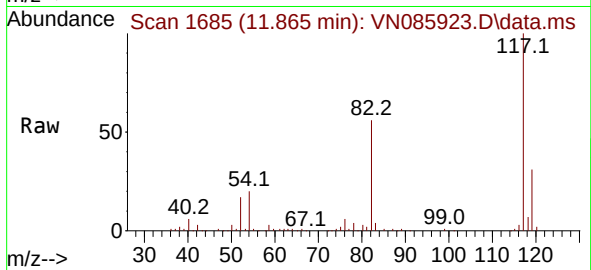




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

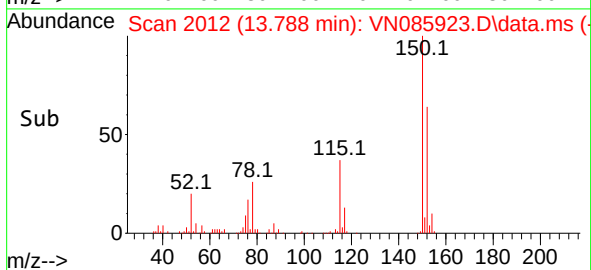
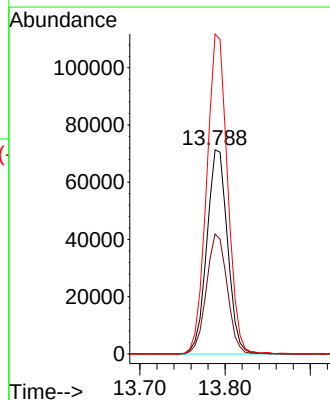
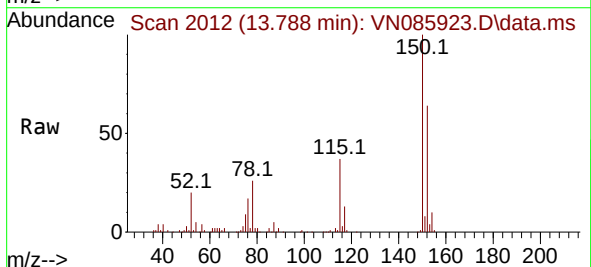
Instrument :
MSVOA_N
ClientSampleId :

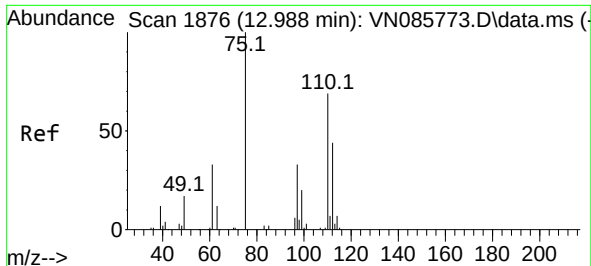
Tgt Ion:117 Resp: 294281
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 31.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Tgt Ion:152 Resp: 120577
Ion Ratio Lower Upper
152 100
115 59.2 30.4 91.3
150 157.8 0.0 345.4

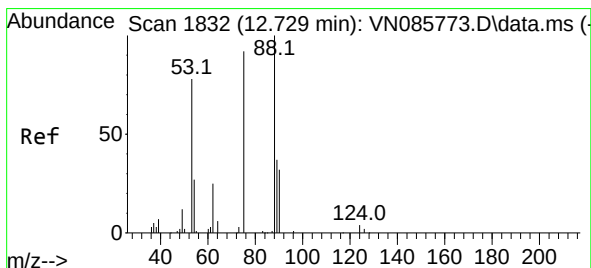
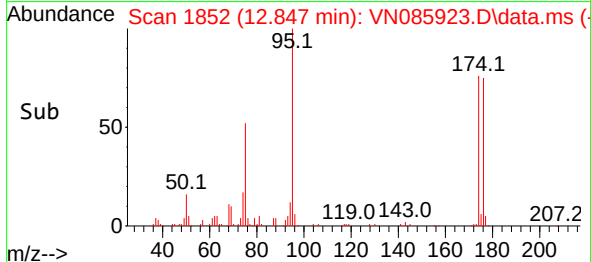
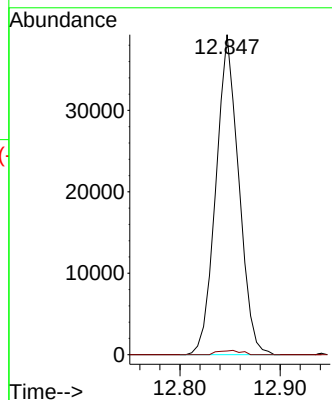
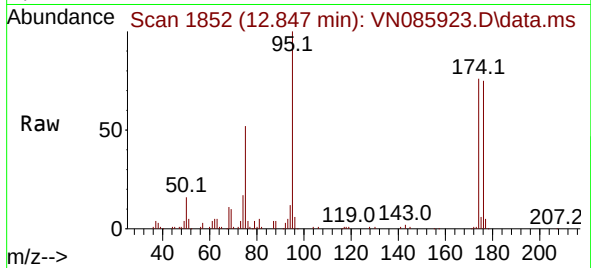




#76
1,2,3-Trichloropropane
Concen: 23.201 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 62143
Ion Ratio Lower Upper
75 100
77 1.4 100.0 300.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.696 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085923.D
Acq: 10 Mar 2025 18:47

Tgt Ion: 75 Resp: 62143
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.9 52.3#

