

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083806.D
 Acq On : 11 Sep 2024 19:33
 Operator : JC\MD
 Sample : P3913-10 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 02:13:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

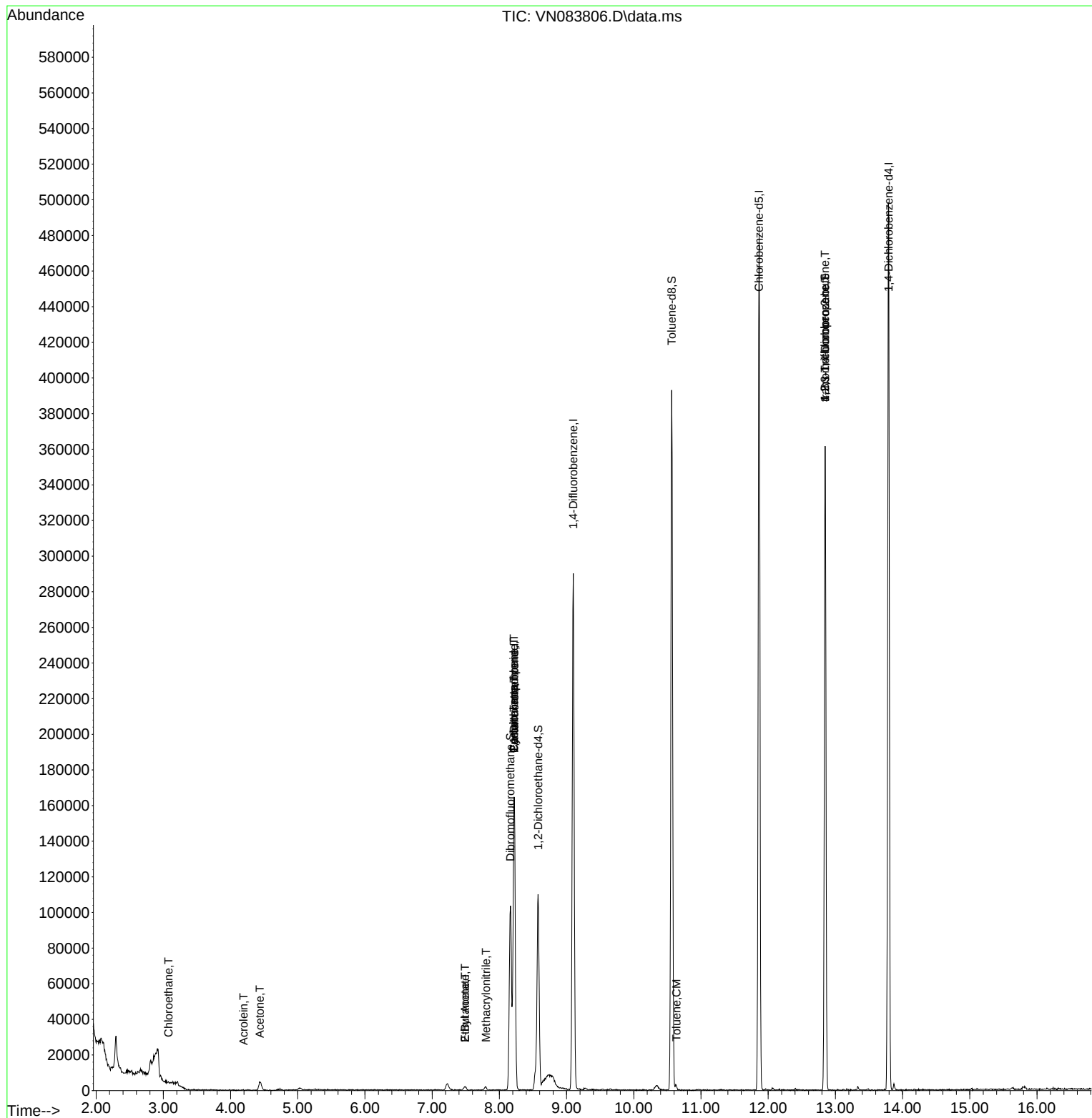
Internal Standards						
1) Pentafluorobenzene	8.224	168	112127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	93197	55.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.240%	
35) Dibromofluoromethane	8.165	113	73989	48.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.500%	
50) Toluene-d8	10.565	98	263586	50.232	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.847	95	122775	56.711	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	469	Below Cal	#	41
6) Chloroethane	3.077	64	684	0.683	ug/l #	45
13) Acrolein	4.195	56	53	0.237	ug/l #	27
16) Acetone	4.436	43	6273	9.255	ug/l	95
18) Methyl Acetate	5.030	43	2305	Below Cal	#	65
25) 2-Butanone	7.489	43	3538	3.972	ug/l #	84
31) Cyclohexane	8.218	56	2968	1.215	ug/l #	30
36) 1,1-Dichloropropene	8.218	75	10606	4.642	ug/l #	51
37) Ethyl Acetate	7.489	43	3538	1.706	ug/l #	68
38) Carbon Tetrachloride	8.218	117	12652	4.881	ug/l #	18
41) Methacrylonitrile	7.800	41	260	0.212	ug/l #	34
52) Toluene	10.635	92	1041	0.247	ug/l	89
76) 1,2,3-Trichloropropane	12.847	75	70895	27.664	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70895	72.454	ug/l #	9

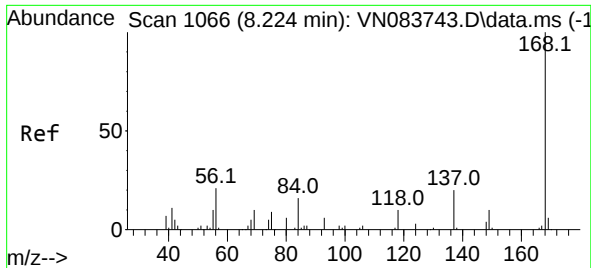
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 12 02:13:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

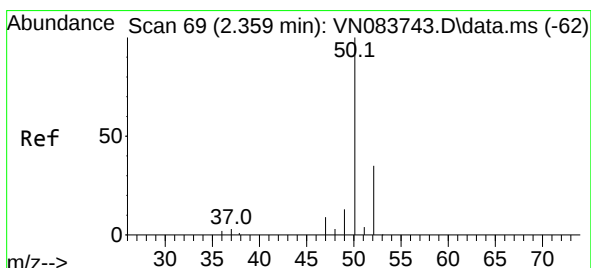
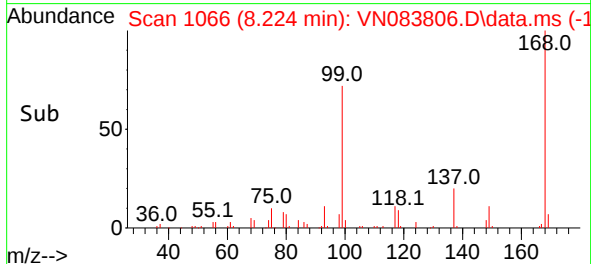
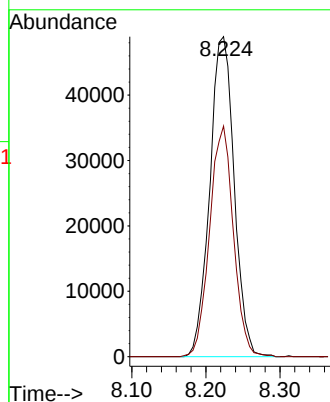
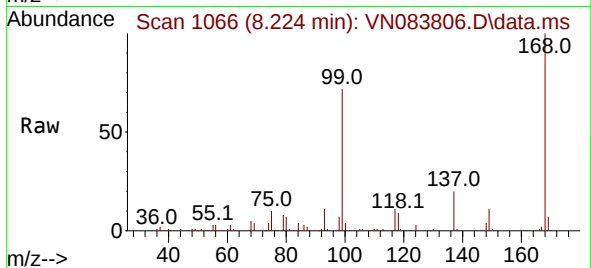




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

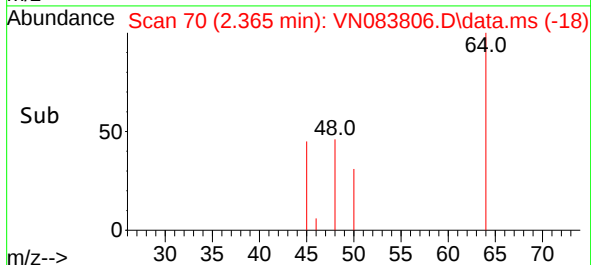
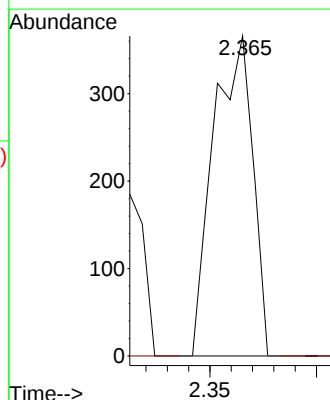
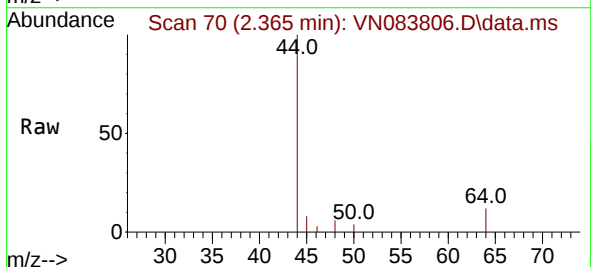
Instrument :
MSVOA_N
ClientSampleId :

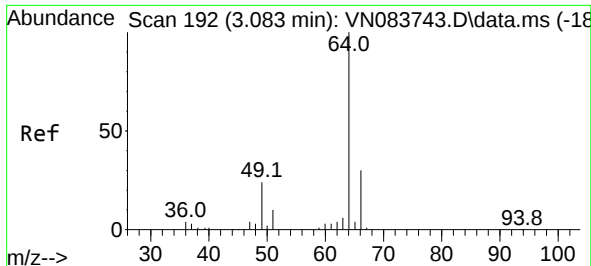
Tgt Ion:168 Resp: 112127
Ion Ratio Lower Upper
168 100
99 72.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Tgt Ion: 50 Resp: 469
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

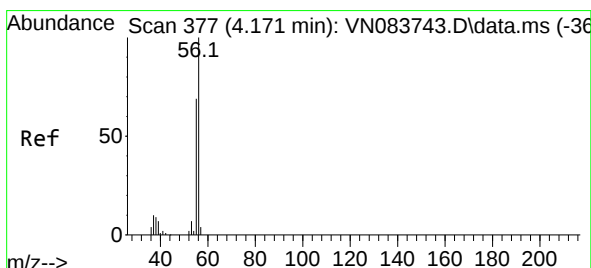
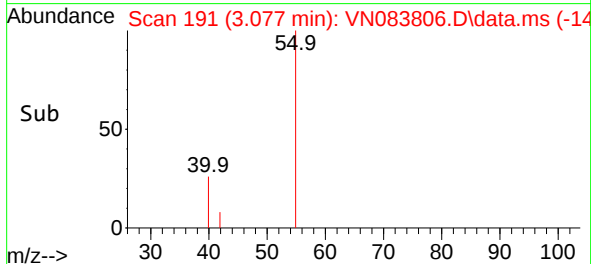
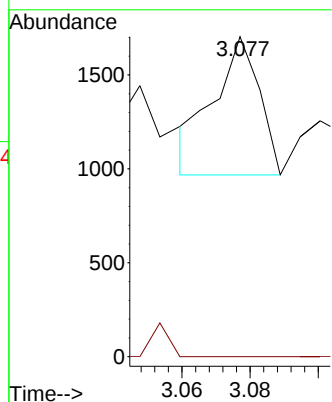
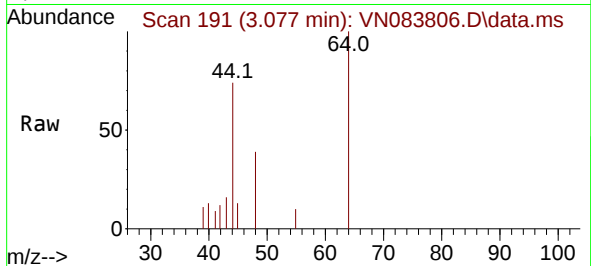




#6
Chloroethane
Concen: 0.683 ug/l
RT: 3.077 min Scan# 19
Delta R.T. -0.006 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

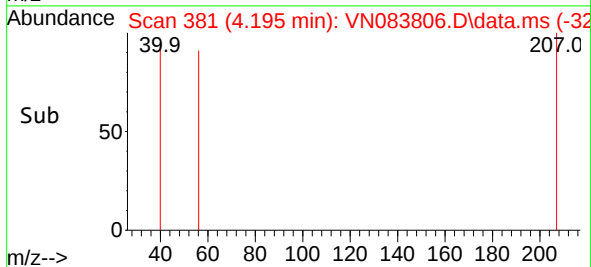
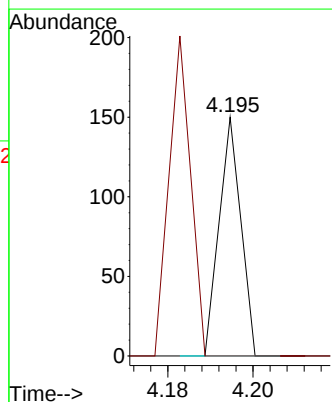
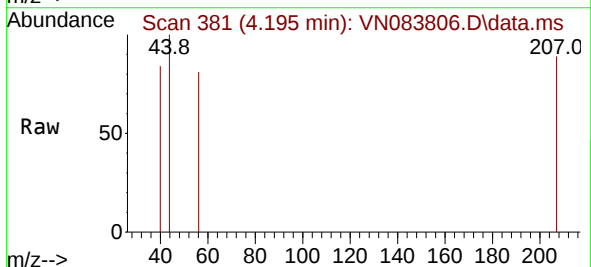
Instrument :
MSVOA_N
ClientSampleId :

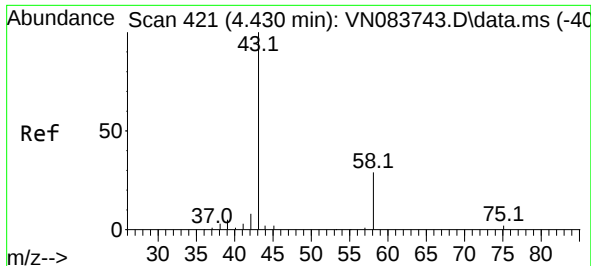
Tgt Ion: 64 Resp: 684
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#13
Acrolein
Concen: 0.237 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.024 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 134.0 58.2 87.2#

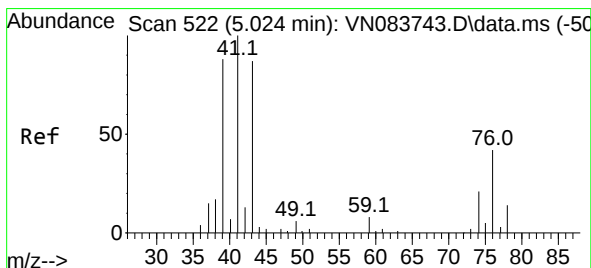
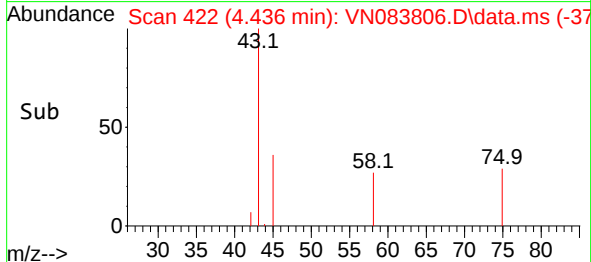
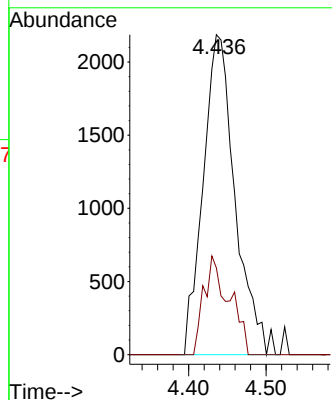
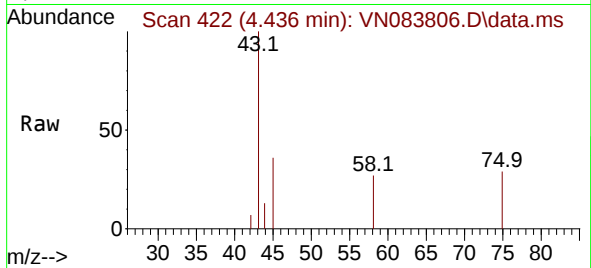




#16
Acetone
Concen: 9.255 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

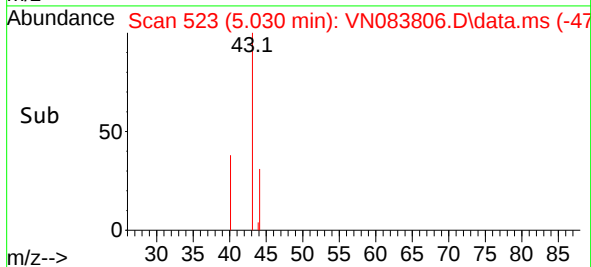
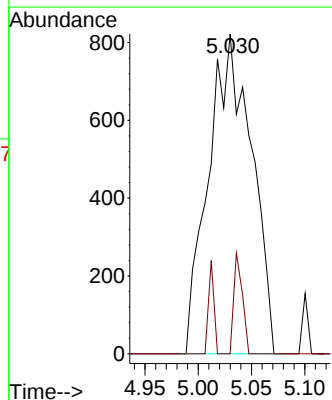
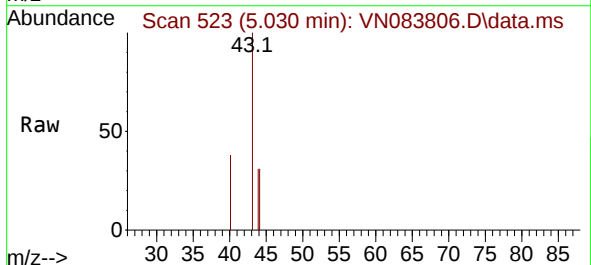
Instrument :
MSVOA_N
ClientSampleId :

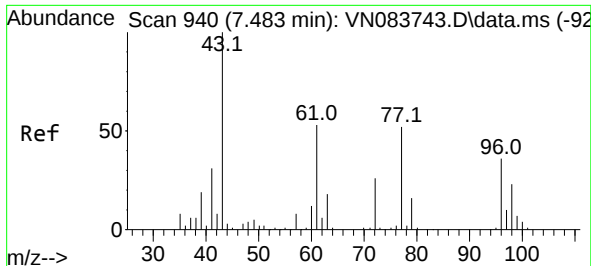
Tgt Ion: 43 Resp: 6273
Ion Ratio Lower Upper
43 100
58 27.2 23.7 35.5



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Tgt Ion: 43 Resp: 2305
Ion Ratio Lower Upper
43 100
74 6.3 19.0 28.4#

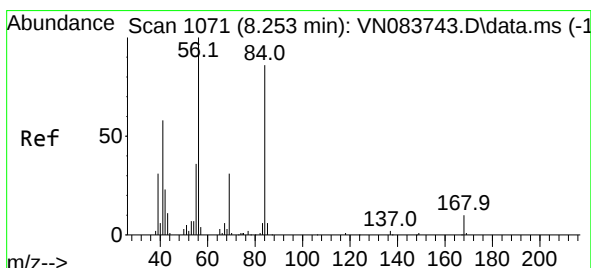
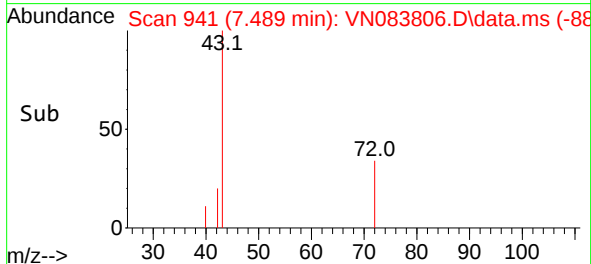
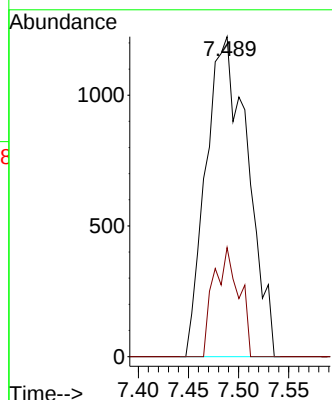
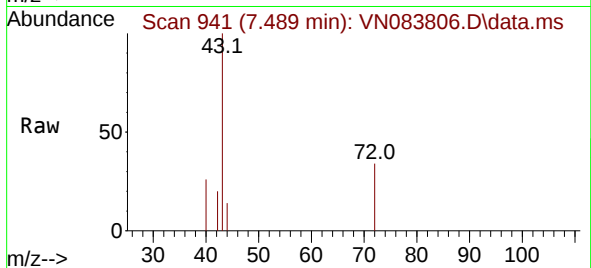




#25
2-Butanone
Concen: 3.972 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

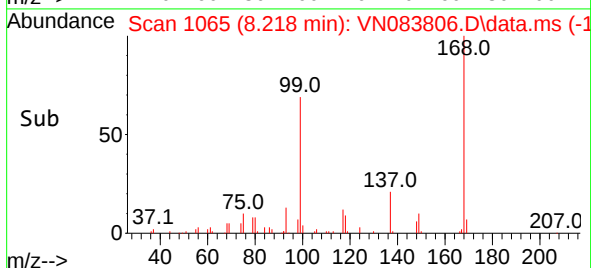
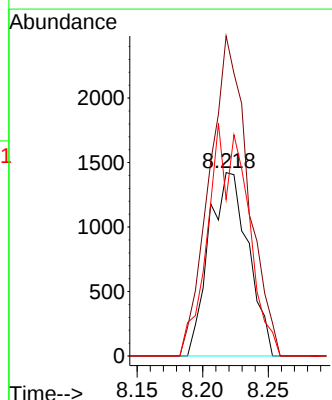
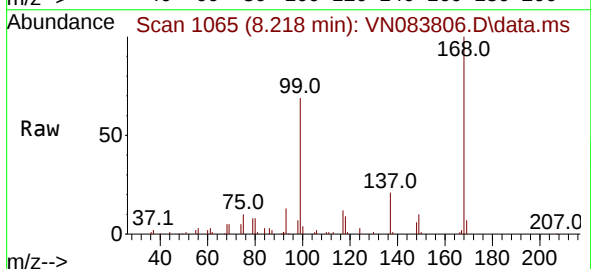
Instrument :
MSVOA_N
ClientSampleId :

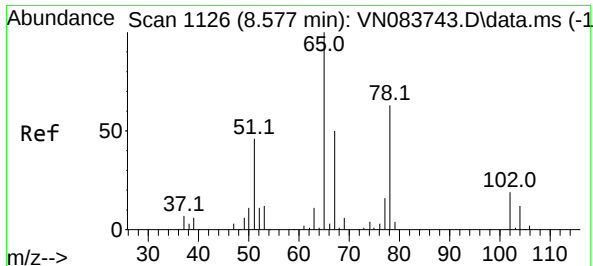
Tgt Ion: 43 Resp: 3538
Ion Ratio Lower Upper
43 100
72 34.1 20.8 31.2#



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Tgt Ion: 56 Resp: 2968
Ion Ratio Lower Upper
56 100
69 174.5 26.9 40.3#
84 85.4 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 55.123 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083806.D

Acq: 11 Sep 2024 19:33

Instrument :

MSVOA_N

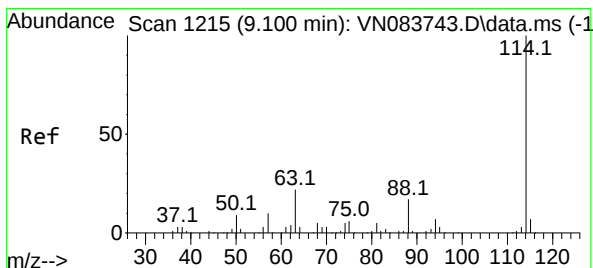
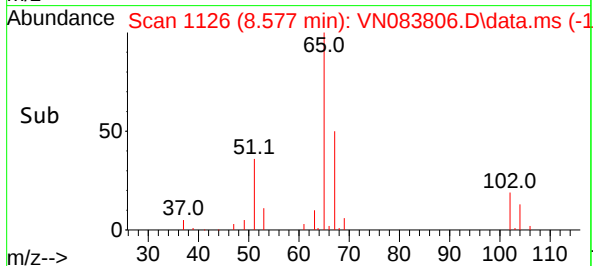
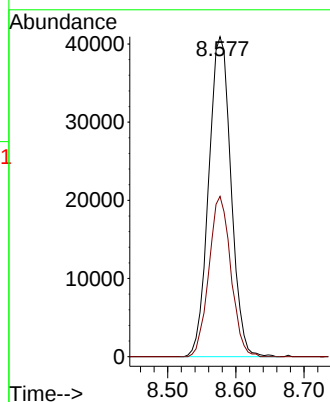
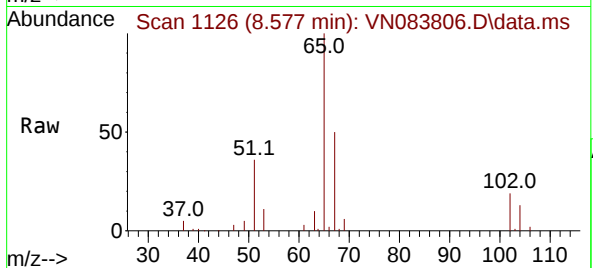
ClientSampleId :

Tgt Ion: 65 Resp: 93197

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083806.D

Acq: 11 Sep 2024 19:33

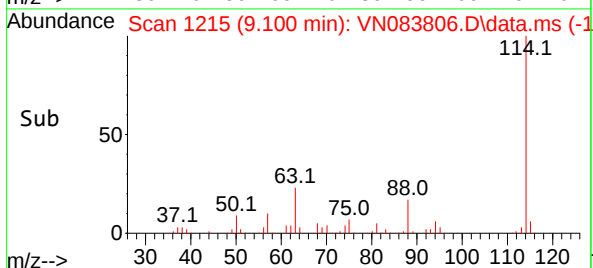
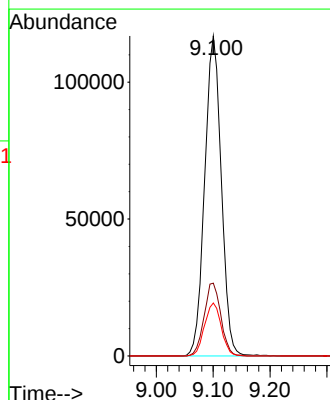
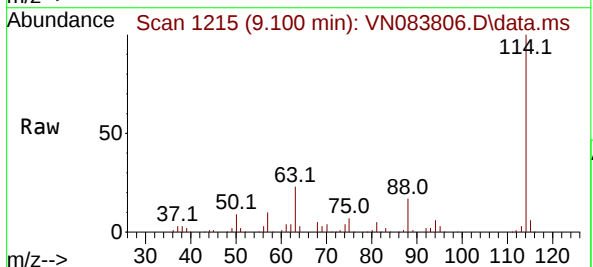
Tgt Ion: 114 Resp: 237097

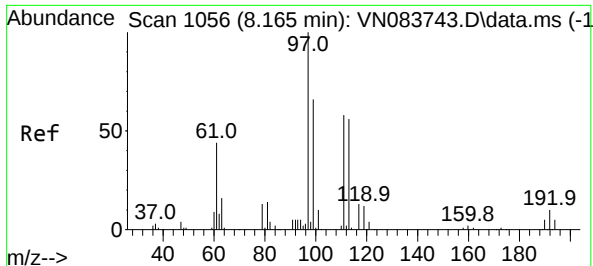
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

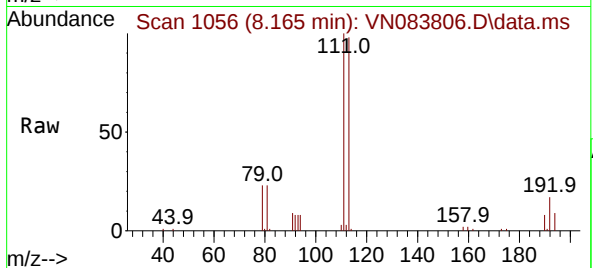
88 16.6 0.0 32.6



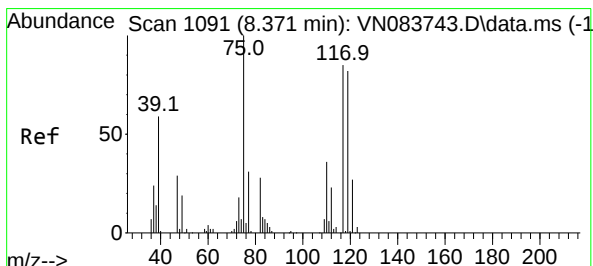
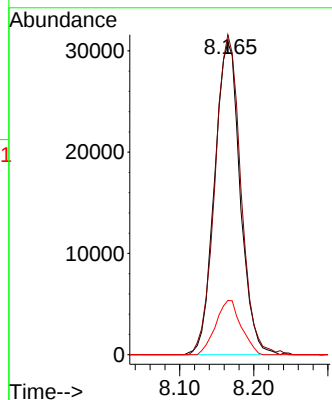
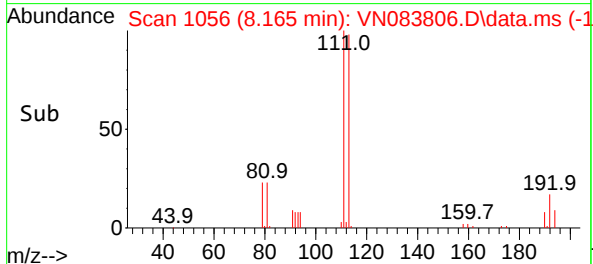


#35
Dibromofluoromethane
Concen: 48.745 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Instrument :
MSVOA_N
ClientSampleId :

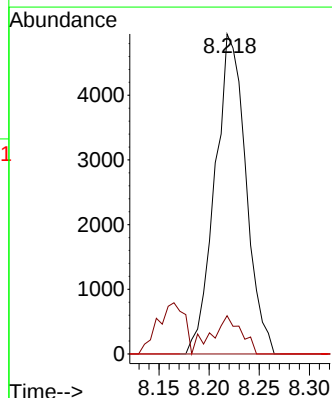
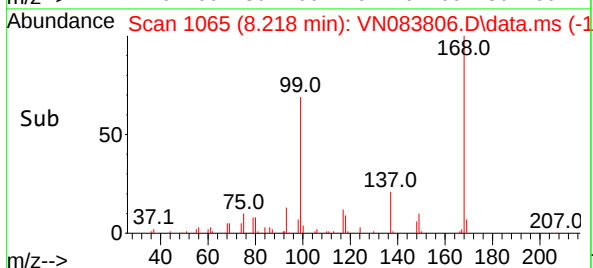
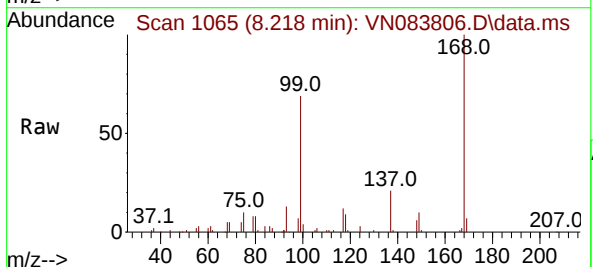


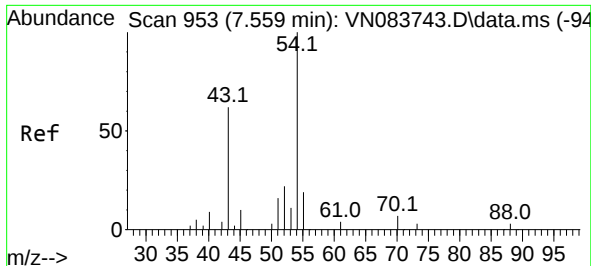
Tgt Ion:113 Resp: 73989
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 17.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

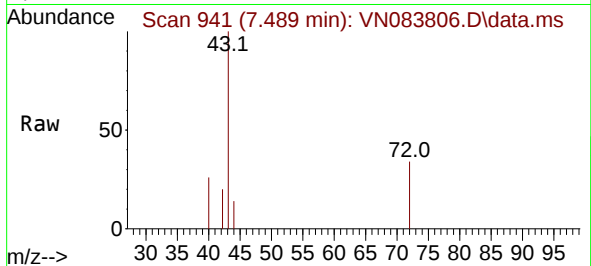
Tgt Ion: 75 Resp: 10606
Ion Ratio Lower Upper
75 100
110 9.8 16.7 50.1#
77 0.0 25.2 37.8#



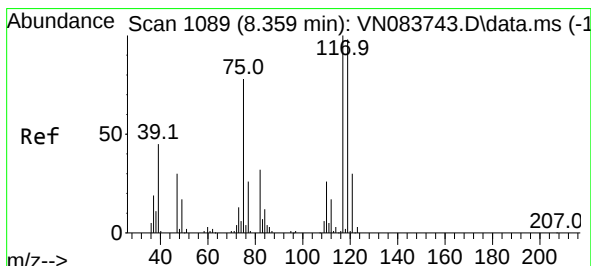
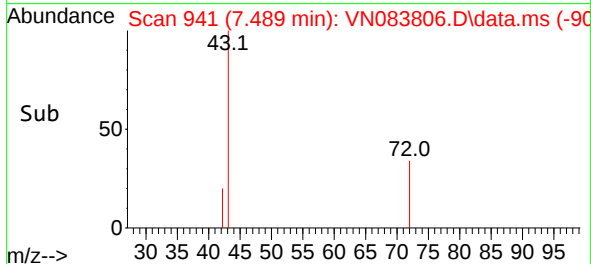
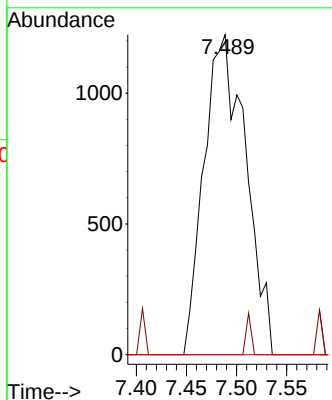


#37
Ethyl Acetate
Concen: 1.706 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Instrument :
MSVOA_N
ClientSampleId :

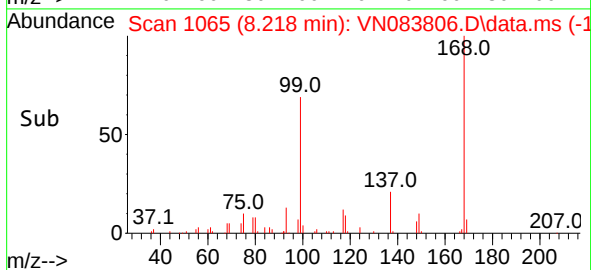
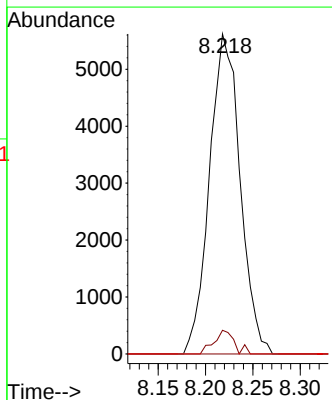
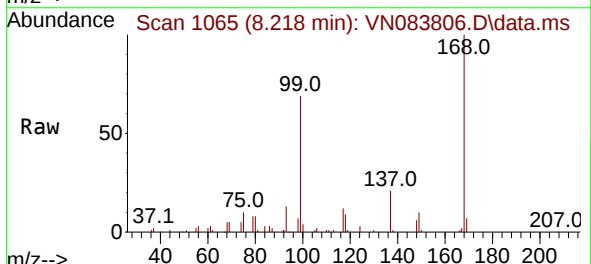


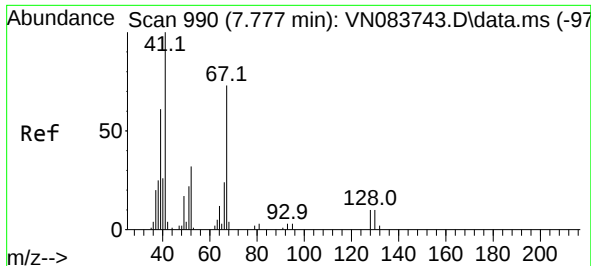
Tgt Ion: 43 Resp: 3538
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 4.881 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

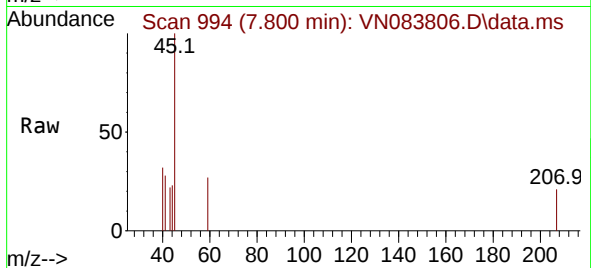
Tgt Ion: 117 Resp: 12652
Ion Ratio Lower Upper
117 100
119 7.4 76.1 114.1#
121 0.0 24.1 36.1#



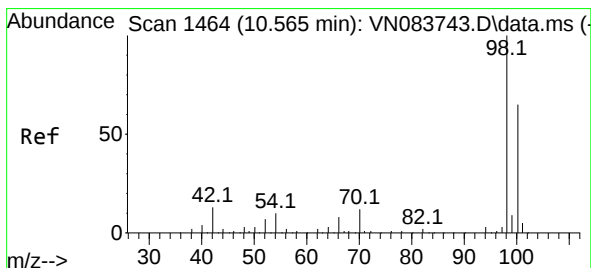
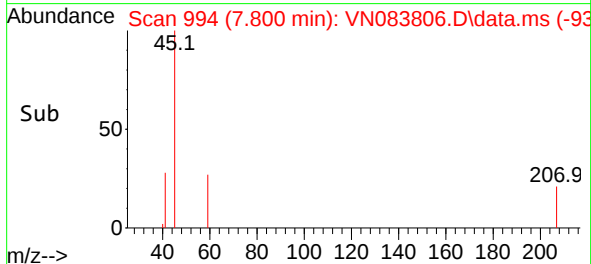
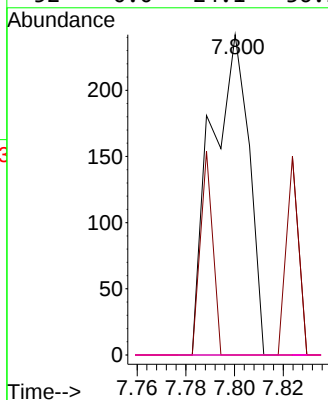


#41
Methacrylonitrile
Concen: 0.212 ug/l
RT: 7.800 min Scan# 990
Delta R.T. 0.024 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Instrument :
MSVOA_N
ClientSampleId :

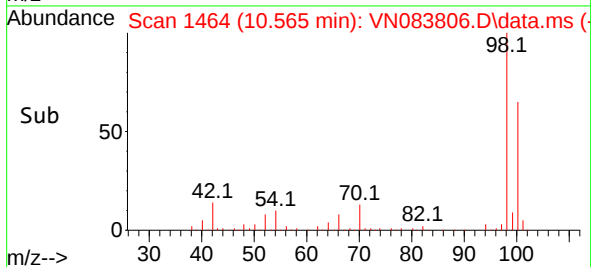
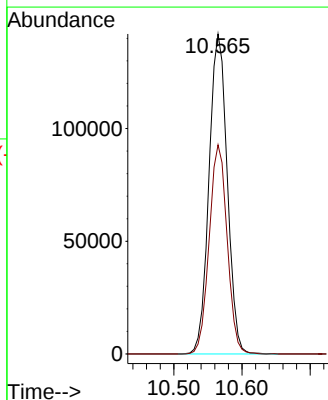
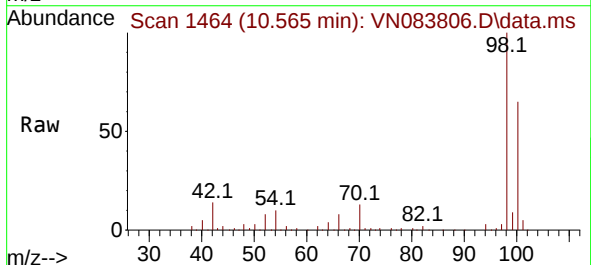


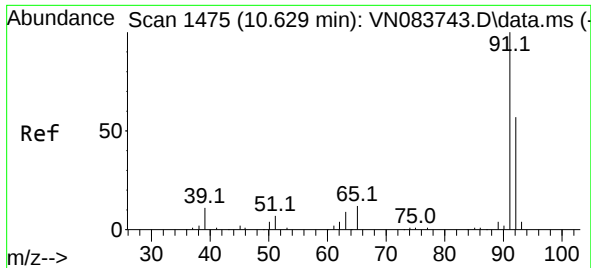
Tgt Ion: 41	Resp: 260
Ion Ratio	Lower Upper
41	100
39	20.8 45.4 68.2#
67	0.0 55.9 83.9#
52	0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.232 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Tgt Ion: 98	Resp: 263586
Ion Ratio	Lower Upper
98	100
100	64.5 52.0 78.0

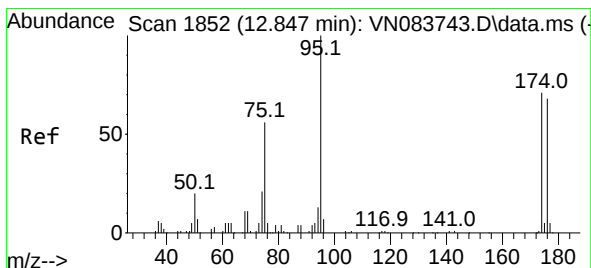
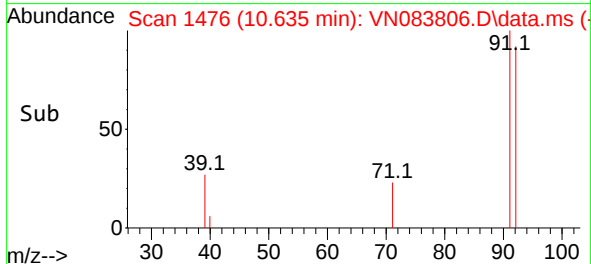
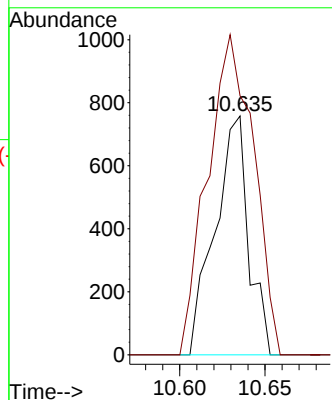
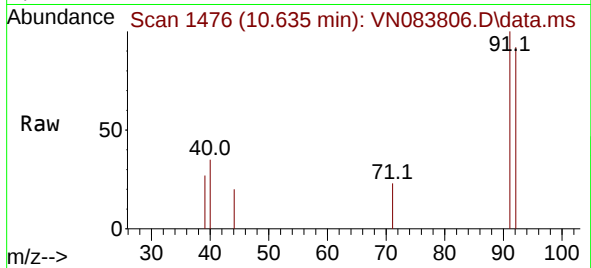




#52
Toluene
Concen: 0.247 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

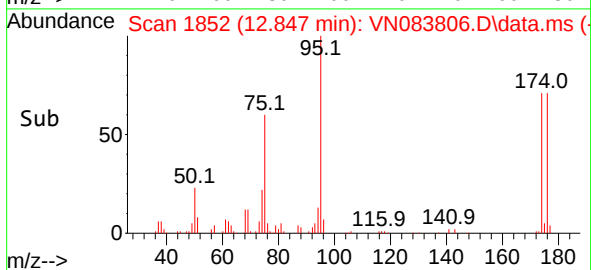
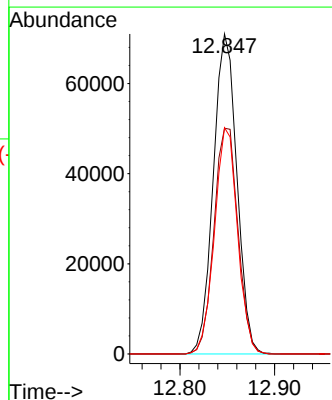
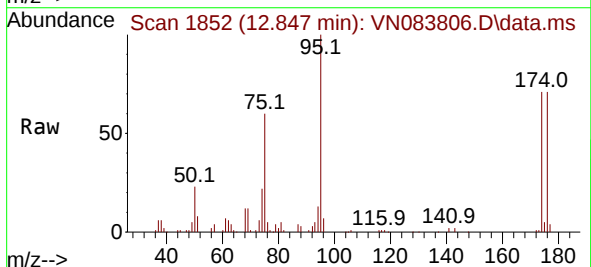
Instrument :
MSVOA_N
ClientSampleId :

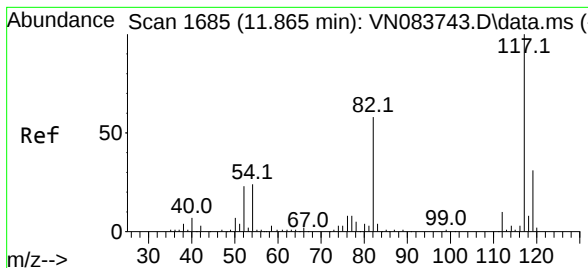
Tgt Ion: 92 Resp: 1041
Ion Ratio Lower Upper
92 100
91 183.6 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 56.711 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Tgt Ion: 95 Resp: 122775
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 69.1 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083806.D

Acq: 11 Sep 2024 19:33

Instrument :

MSVOA_N

ClientSampleId :

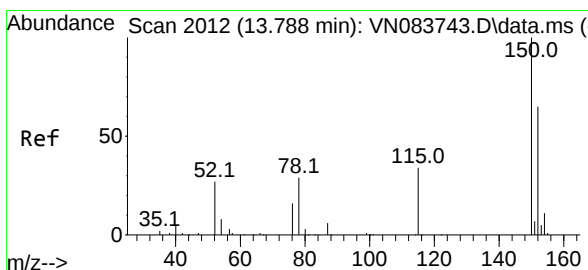
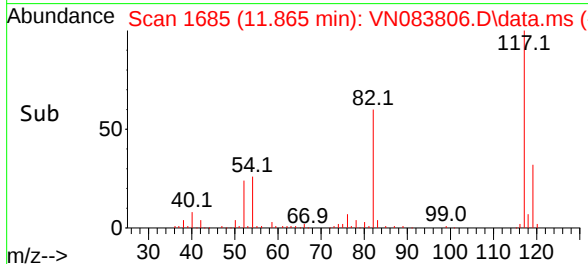
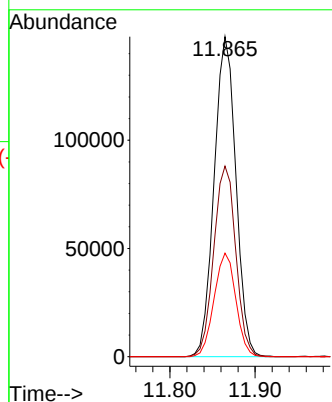
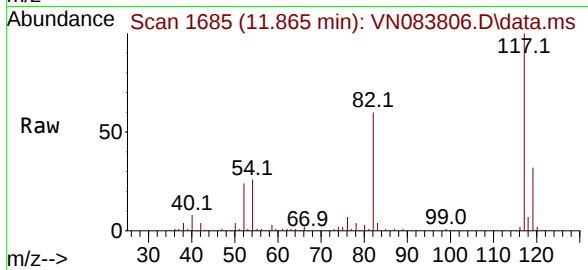
Tgt Ion:117 Resp: 262324

Ion Ratio Lower Upper

117 100

82 59.5 47.4 71.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083806.D

Acq: 11 Sep 2024 19:33

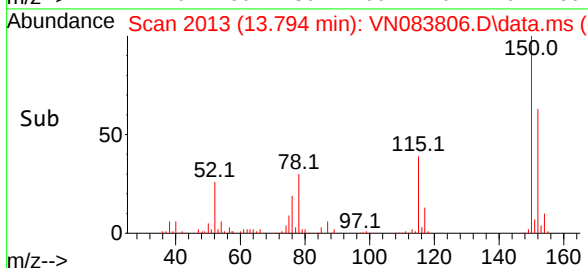
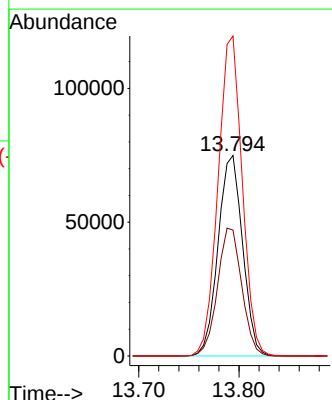
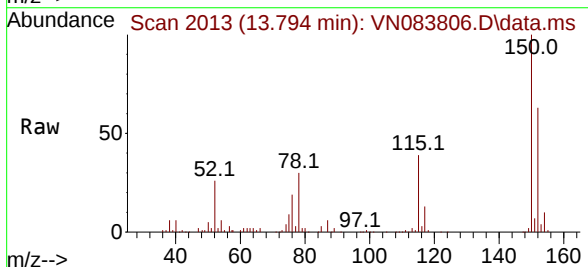
Tgt Ion:152 Resp: 127006

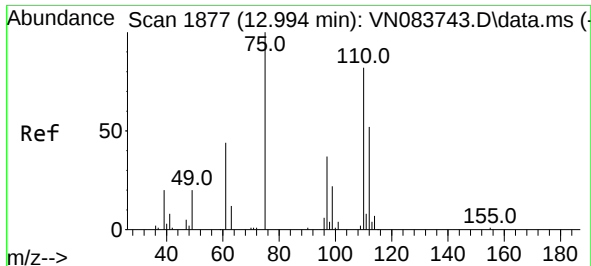
Ion Ratio Lower Upper

152 100

115 63.2 32.2 96.6

150 157.3 0.0 348.6

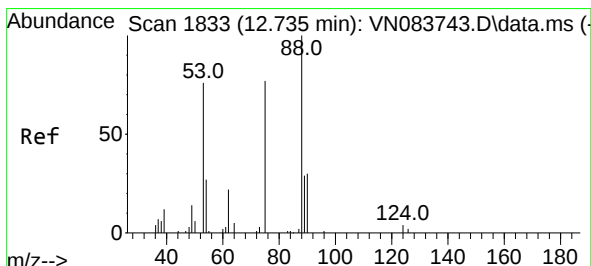
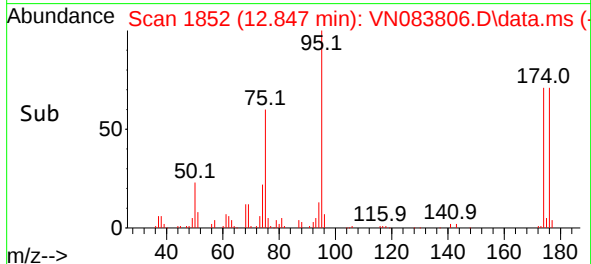
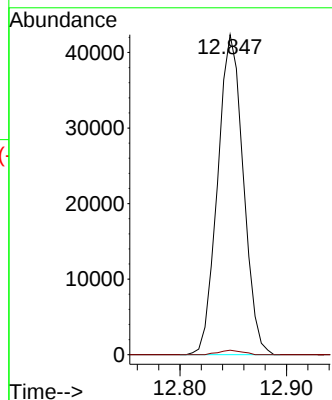
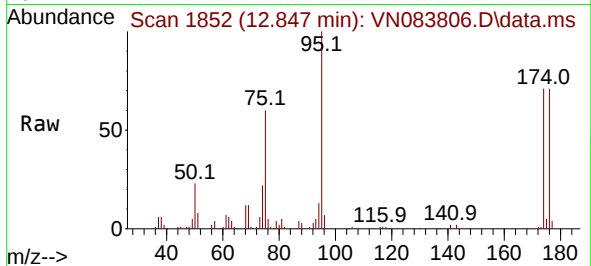




#76
1,2,3-Trichloropropane
Concen: 27.664 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 70895
Ion Ratio Lower Upper
75 100
77 1.3 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.454 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083806.D
Acq: 11 Sep 2024 19:33

Tgt Ion: 75 Resp: 70895
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

