

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083804.D
 Acq On : 11 Sep 2024 18:45
 Operator : JC\MD
 Sample : P3913-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 02:12:33 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	114000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	240088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	95613	55.623	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.240%	
35) Dibromofluoromethane	8.171	113	74799	48.665	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.340%	
50) Toluene-d8	10.565	98	268186	50.472	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.847	95	123415	56.296	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.600%	

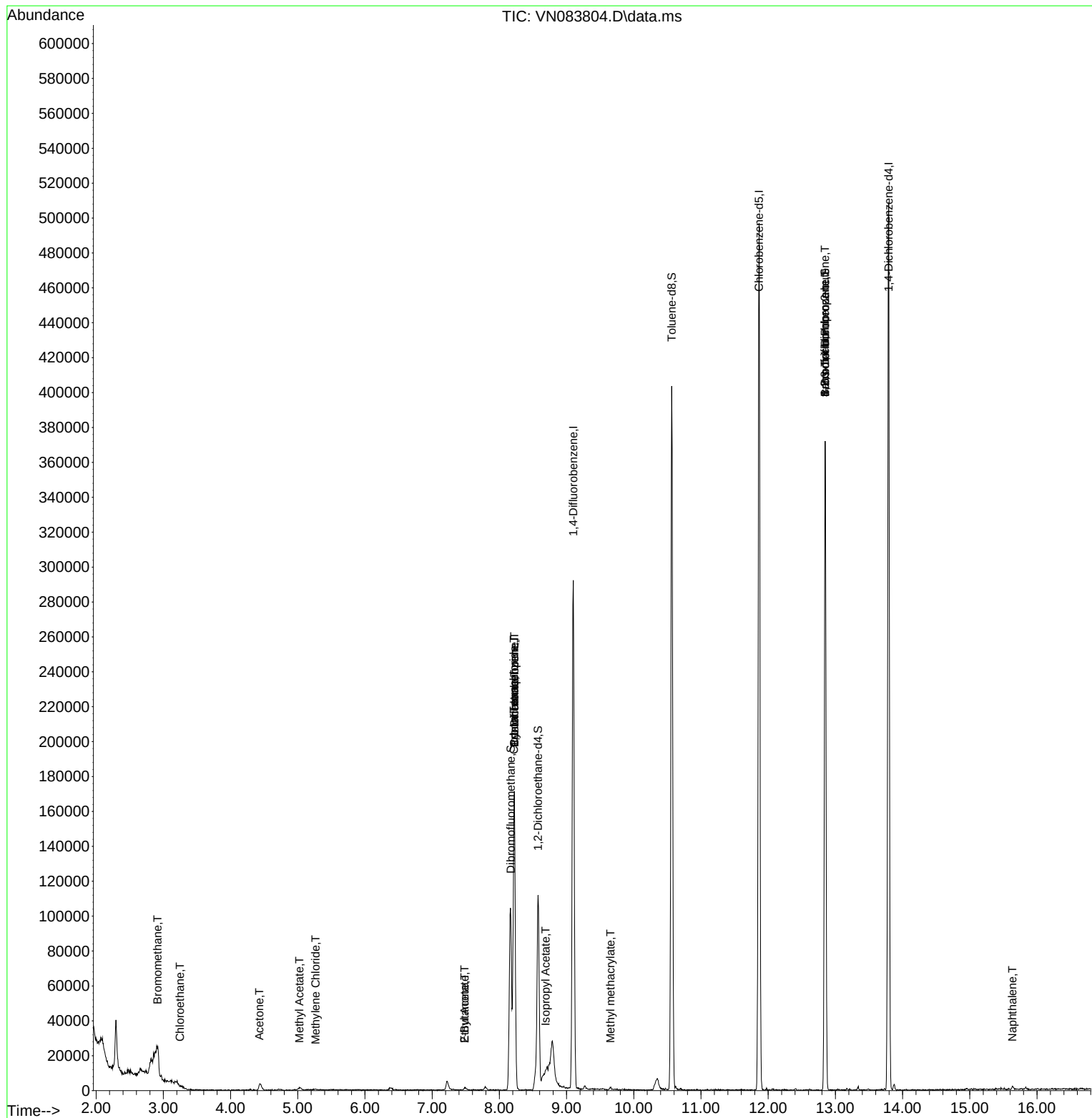
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	442	Below Cal	#	41
5) Bromomethane	2.912	94	292	0.350	ug/l #	2
6) Chloroethane	3.247	64	208	0.204	ug/l #	45
16) Acetone	4.430	43	3508	5.091	ug/l #	84
18) Methyl Acetate	5.024	43	2984	0.231	ug/l #	60
20) Methylene Chloride	5.265	84	287	0.204	ug/l #	9
25) 2-Butanone	7.482	43	2800	3.092	ug/l #	78
31) Cyclohexane	8.224	56	3233	1.301	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	10895	4.709	ug/l #	49
37) Ethyl Acetate	7.482	43	2800	1.333	ug/l #	68
38) Carbon Tetrachloride	8.218	117	13168	5.017	ug/l #	15
43) Isopropyl Acetate	8.688	43	13608	3.576	ug/l #	57
48) Methyl methacrylate	9.653	41	368	0.204	ug/l #	26
71) Bromoform	12.847	173	386	0.281	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71439	27.070	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71439	70.899	ug/l #	9
95) Naphthalene	15.635	128	2674	0.369	ug/l #	79

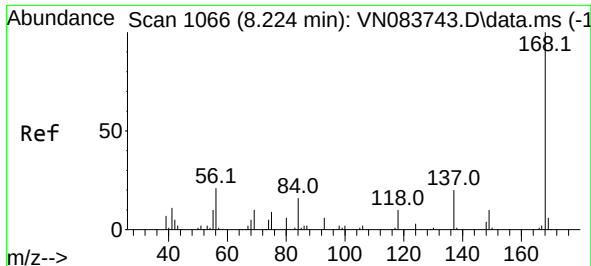
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN083804.D
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Sample : P3913-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

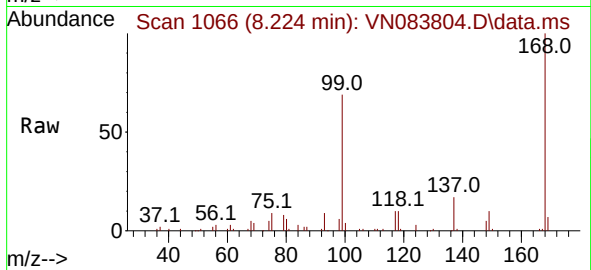
Quant Time: Sep 12 02:12:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



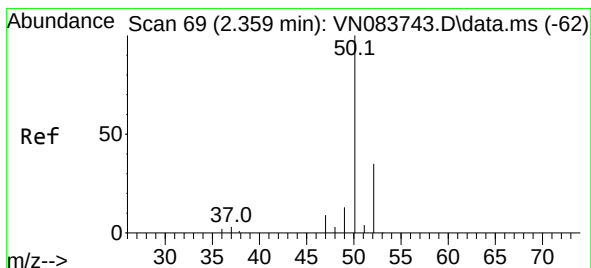
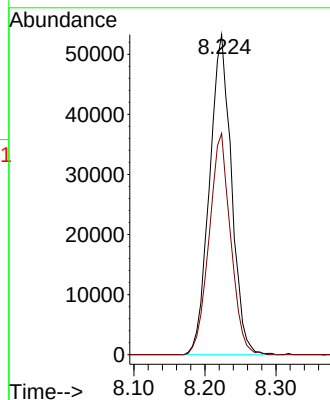
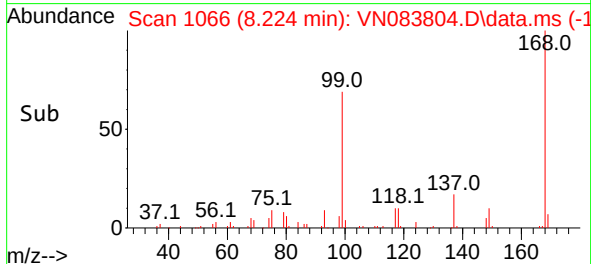


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

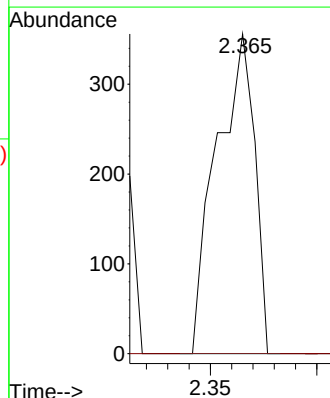
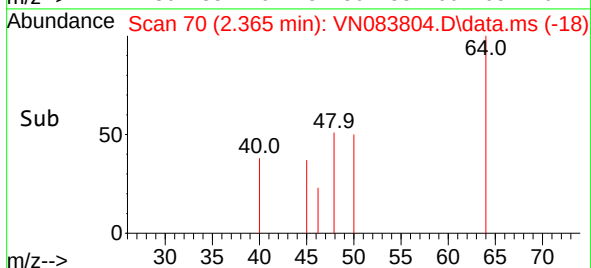
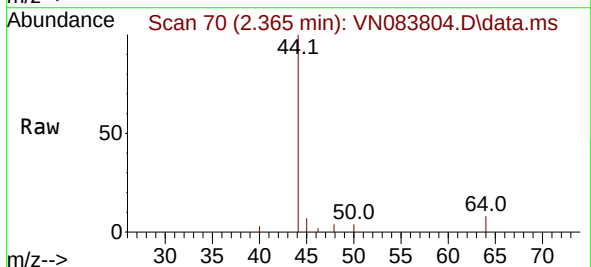


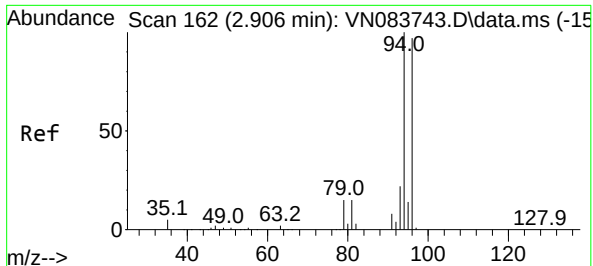
Tgt Ion:168 Resp: 114000
Ion Ratio Lower Upper
168 100
99 69.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Tgt Ion: 50 Resp: 442
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

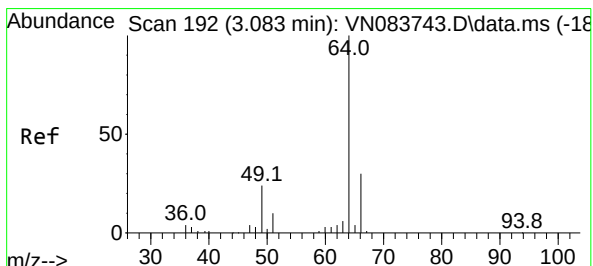
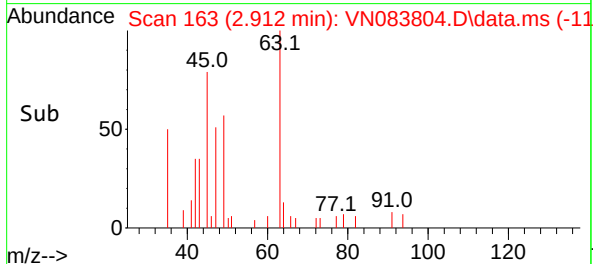
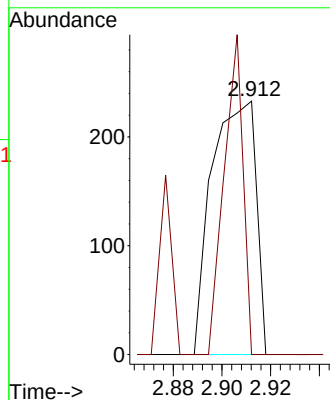
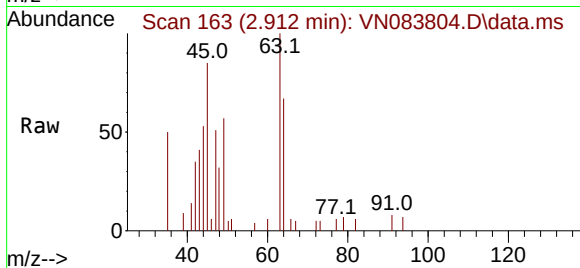




#5
Bromomethane
Concen: 0.350 ug/l
RT: 2.912 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

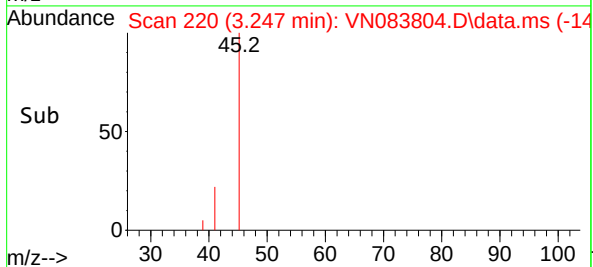
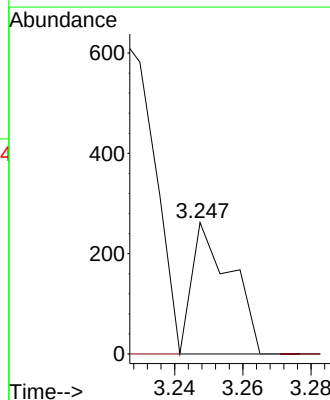
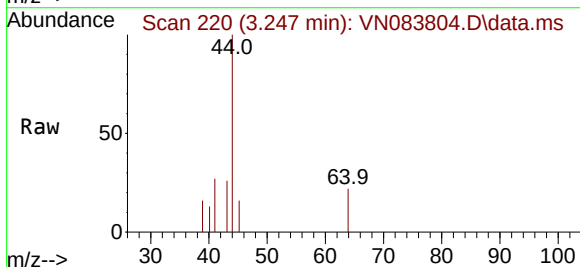
Instrument :
MSVOA_N
ClientSampleId :

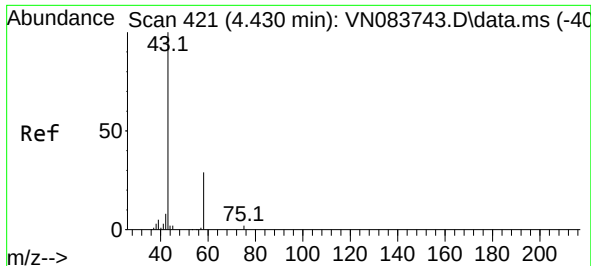
Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.204 ug/l
RT: 3.247 min Scan# 220
Delta R.T. 0.164 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Tgt Ion: 64 Resp: 208
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#





#16

Acetone

Concen: 5.091 ug/l

RT: 4.430 min Scan# 421

Delta R.T. -0.000 min

Lab File: VN083804.D

Acq: 11 Sep 2024 18:45

Instrument :

MSVOA_N

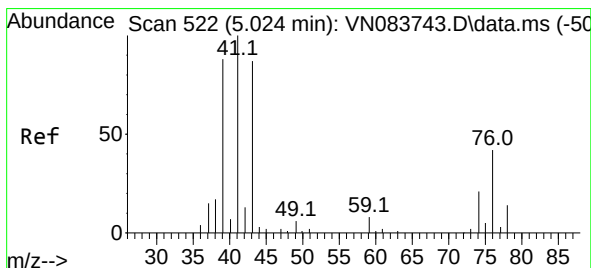
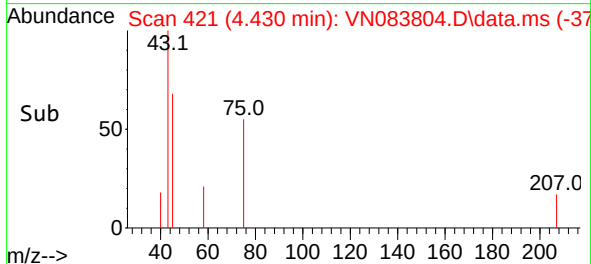
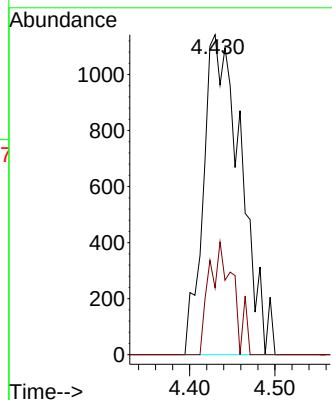
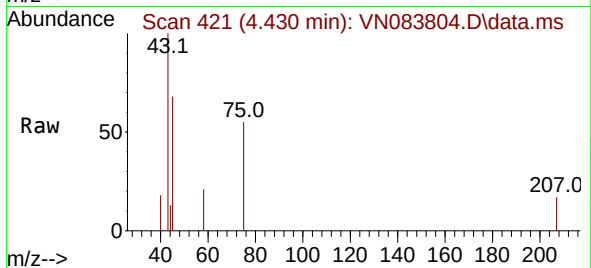
ClientSampleId :

Tgt Ion: 43 Resp: 3508

Ion Ratio Lower Upper

43 100

58 20.9 23.7 35.5#



#18

Methyl Acetate

Concen: 0.231 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN083804.D

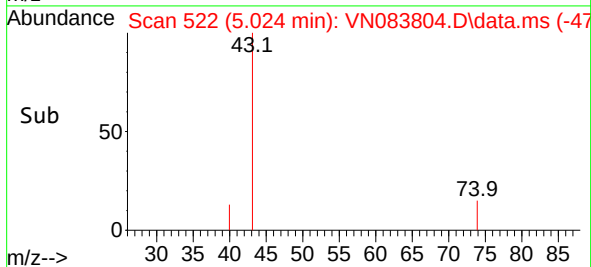
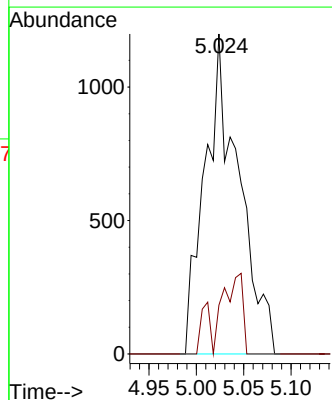
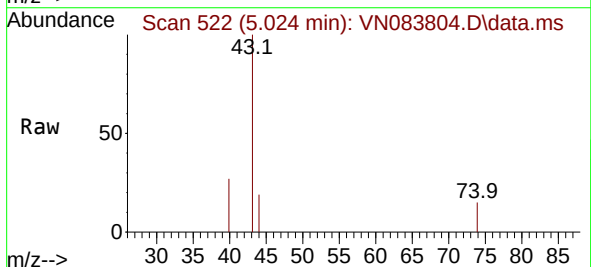
Acq: 11 Sep 2024 18:45

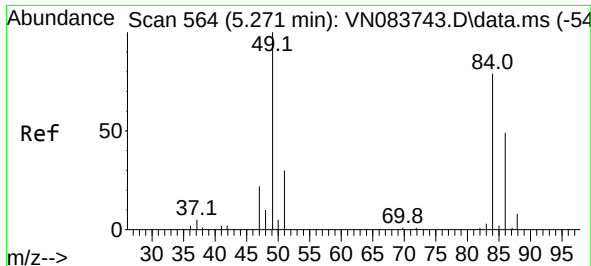
Tgt Ion: 43 Resp: 2984

Ion Ratio Lower Upper

43 100

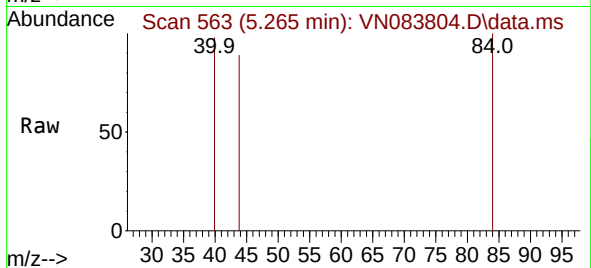
74 4.3 19.0 28.4#



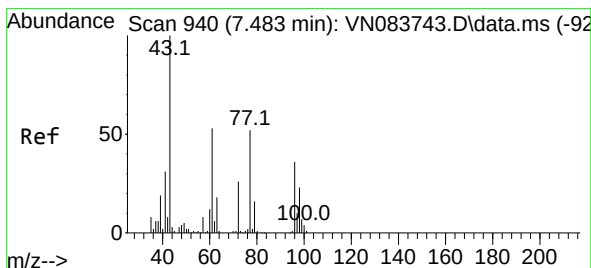
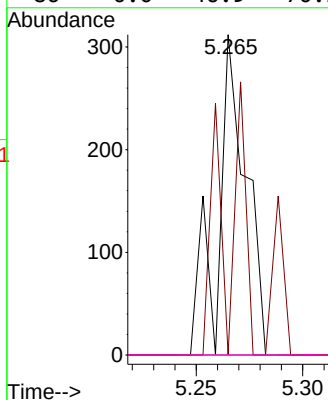
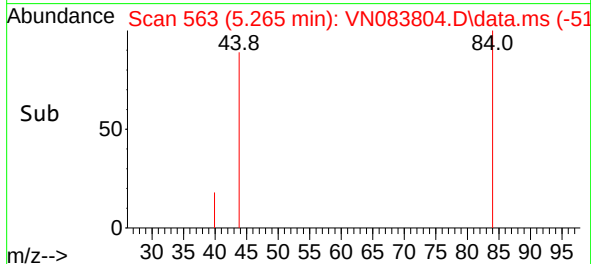


#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

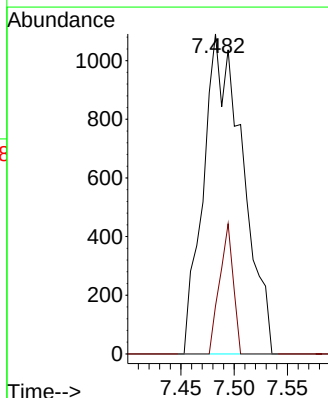
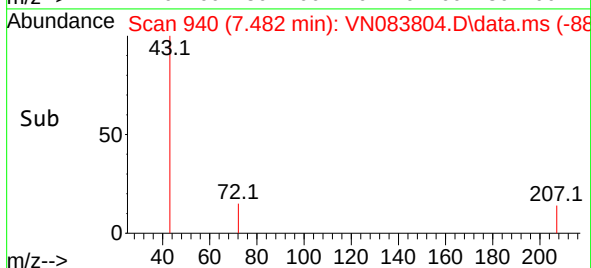
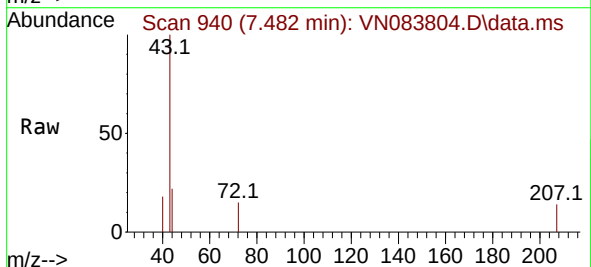


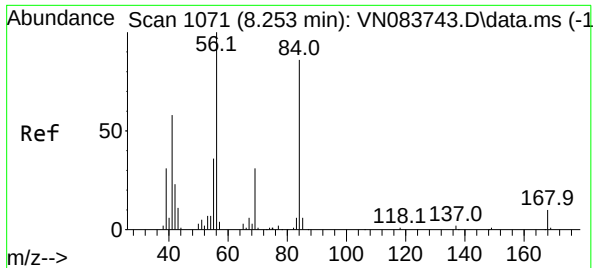
Tgt Ion: 84	Resp: 287
Ion Ratio	Lower Upper
84 100	
49 0.0	93.4 140.0#
51 0.0	29.2 43.8#
86 0.0	46.9 70.3#



#25
2-Butanone
Concen: 3.092 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

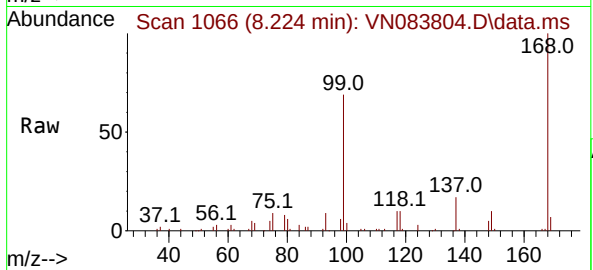
Tgt Ion: 43	Resp: 2800
Ion Ratio	Lower Upper
43 100	
72 14.9	20.8 31.2#



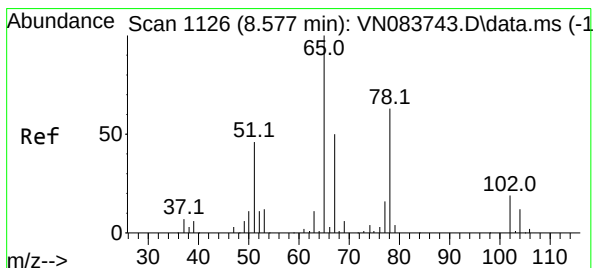
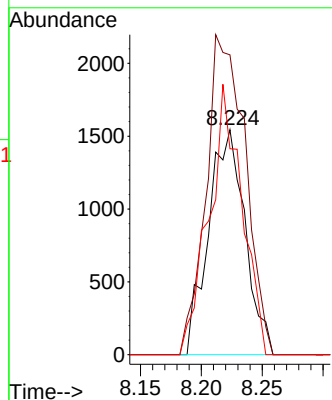
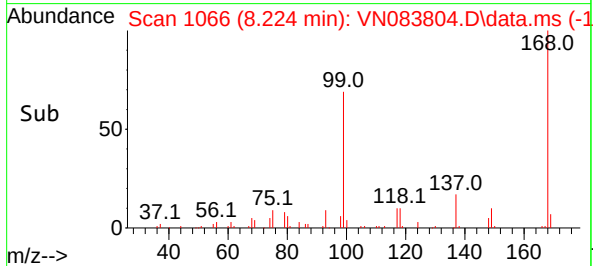


#31
Cyclohexane
Concen: 1.301 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

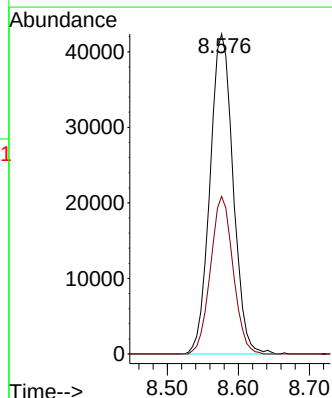
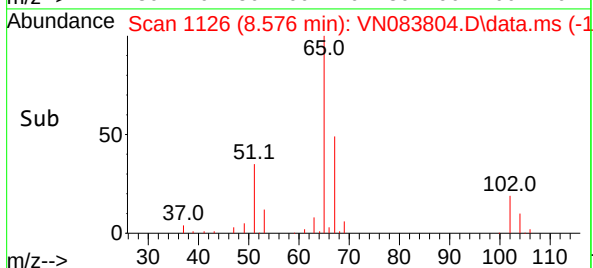
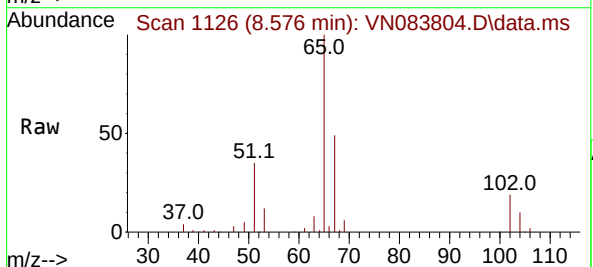


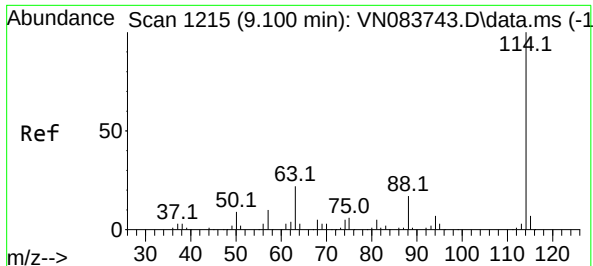
Tgt Ion: 56 Resp: 3233
Ion Ratio Lower Upper
56 100
69 133.3 26.9 40.3#
84 91.5 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 55.623 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Tgt Ion: 65 Resp: 95613
Ion Ratio Lower Upper
65 100
67 48.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083804.D

Acq: 11 Sep 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :

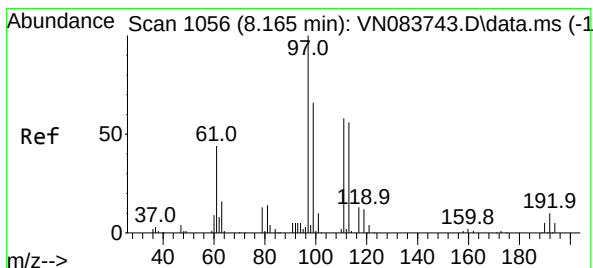
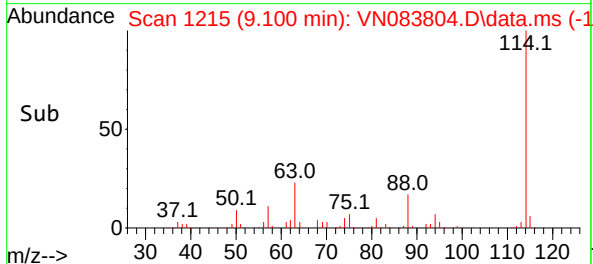
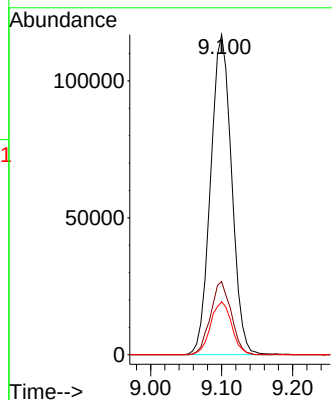
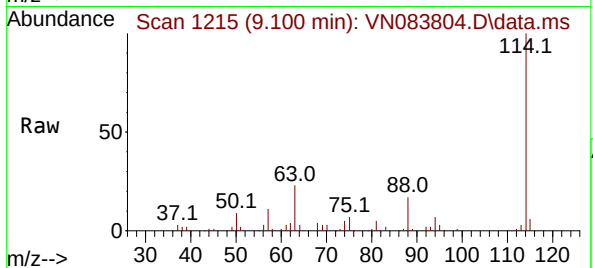
Tgt Ion:114 Resp: 240088

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.665 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083804.D

Acq: 11 Sep 2024 18:45

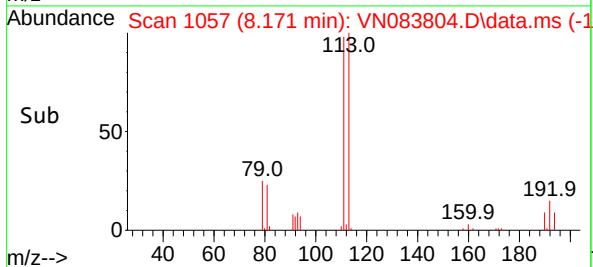
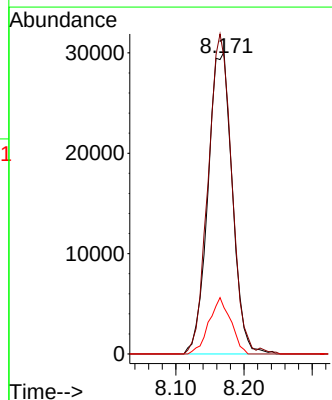
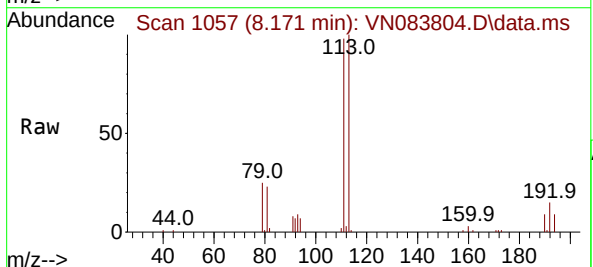
Tgt Ion:113 Resp: 74799

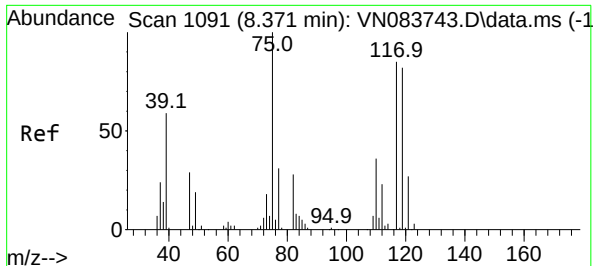
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 16.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.709 ug/l

RT: 8.224 min Scan# 10895

Delta R.T. -0.147 min

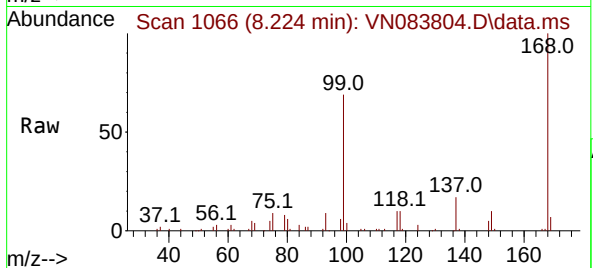
Lab File: VN083804.D

Acq: 11 Sep 2024 18:45

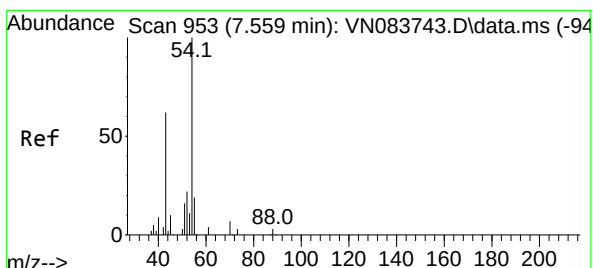
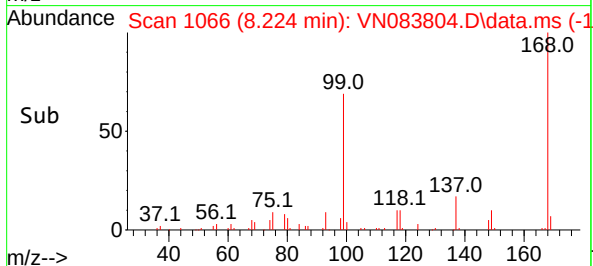
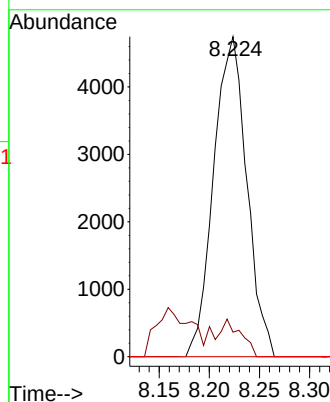
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 10895
Ion Ratio	Lower Upper
75	100
110	7.0 16.7 50.1#
77	0.0 25.2 37.8#



#37

Ethyl Acetate

Concen: 1.333 ug/l

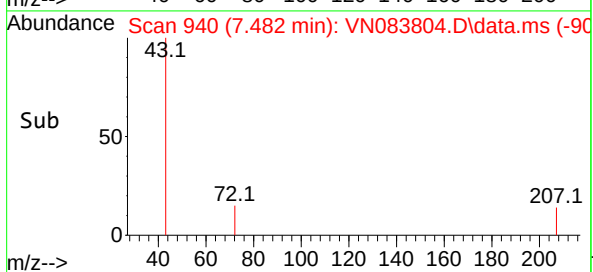
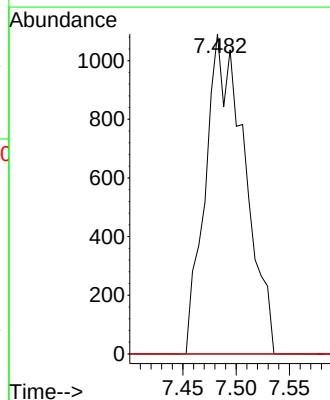
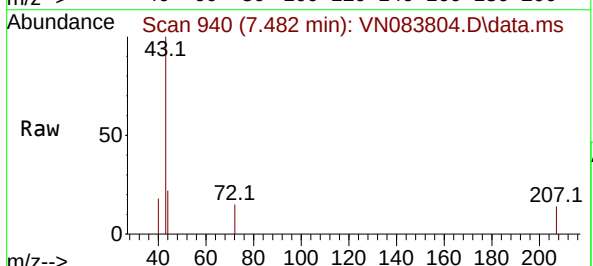
RT: 7.482 min Scan# 940

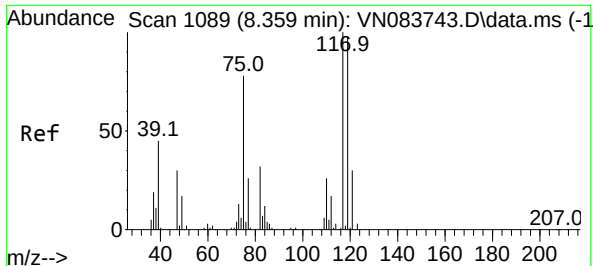
Delta R.T. -0.077 min

Lab File: VN083804.D

Acq: 11 Sep 2024 18:45

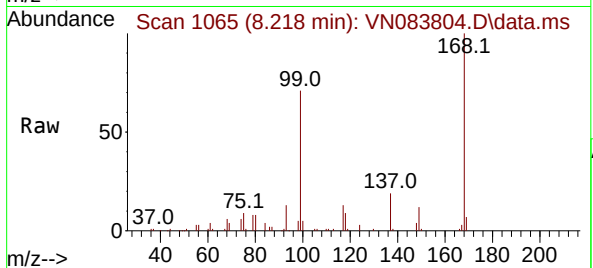
Tgt Ion: 43	Resp: 2800
Ion Ratio	Lower Upper
43	100
61	0.0 11.1 16.7#
70	0.0 8.8 13.2#



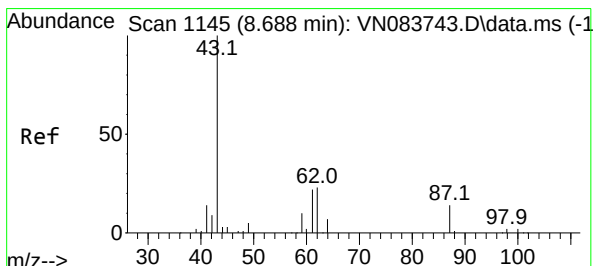
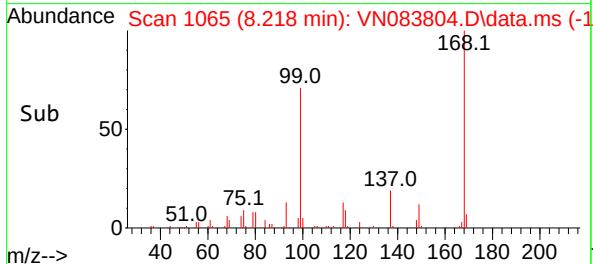
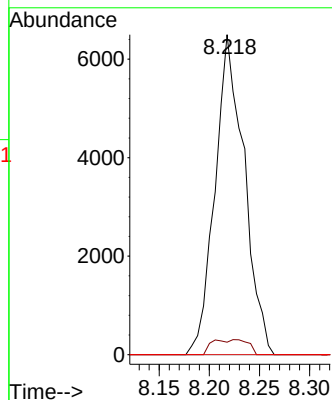


#38
Carbon Tetrachloride
Concen: 5.017 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

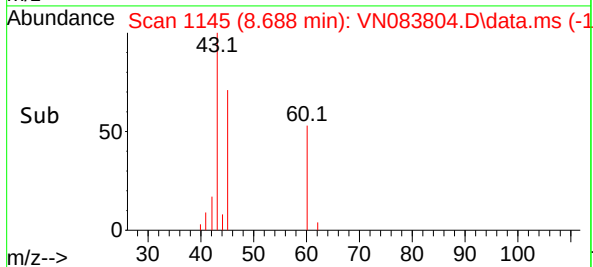
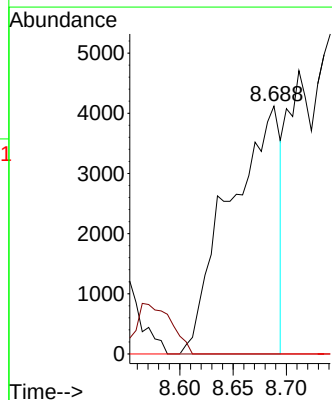
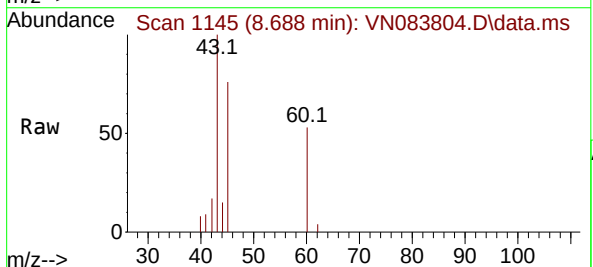


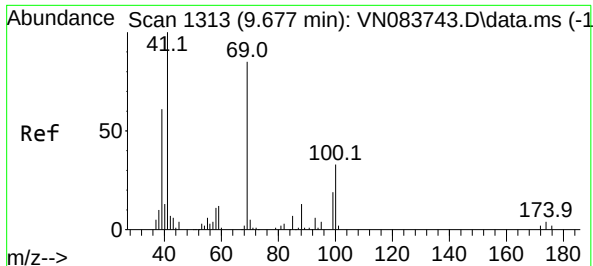
Tgt Ion:117 Resp: 13168
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 3.576 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Tgt Ion: 43 Resp: 13608
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#





#48

Methyl methacrylate

Concen: 0.204 ug/l

RT: 9.653 min Scan# 1

Delta R.T. -0.024 min

Lab File: VN083804.D

Acq: 11 Sep 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :

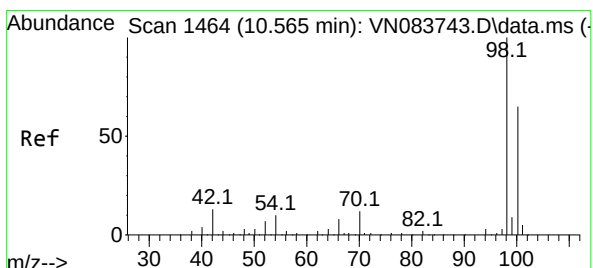
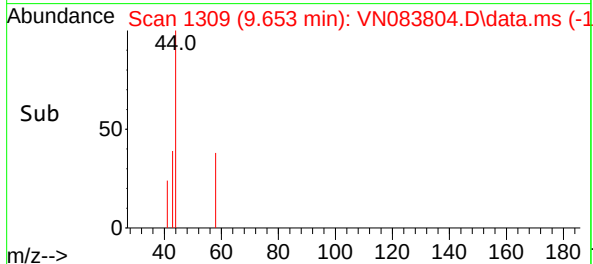
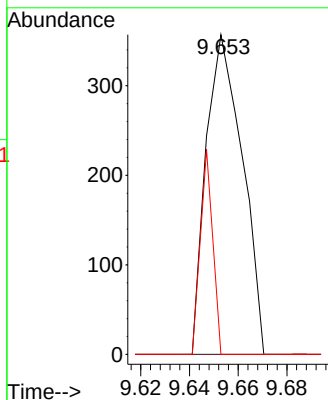
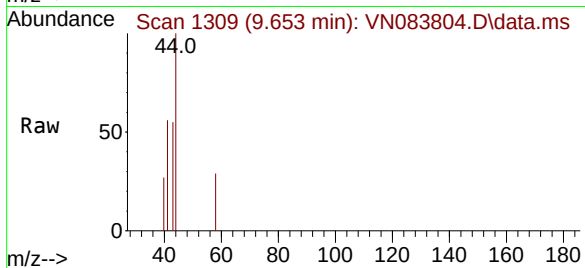
Tgt Ion: 41 Resp: 368

Ion Ratio Lower Upper

41 100

69 0.0 64.3 96.5#

39 22.0 48.9 73.3#



#50

Toluene-d8

Concen: 50.472 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083804.D

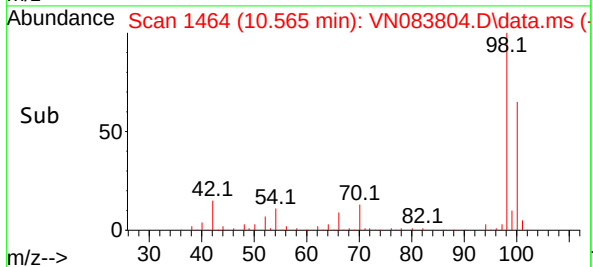
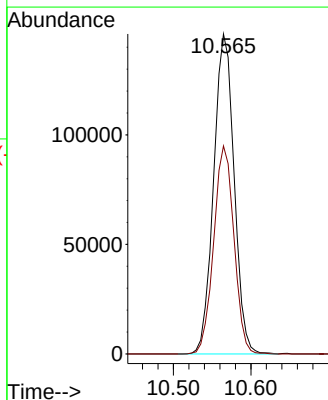
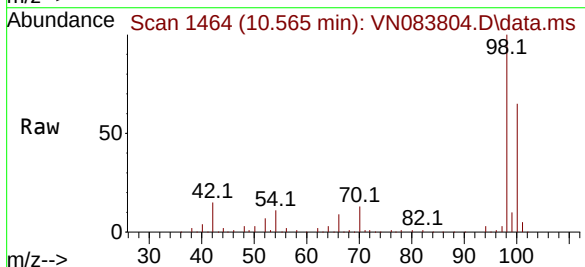
Acq: 11 Sep 2024 18:45

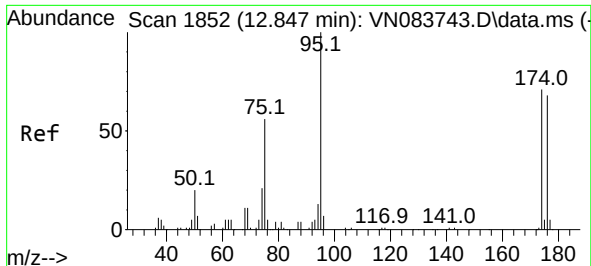
Tgt Ion: 98 Resp: 268186

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

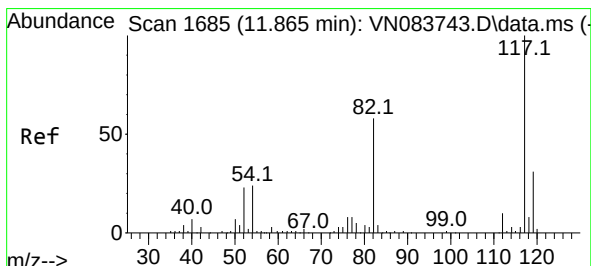
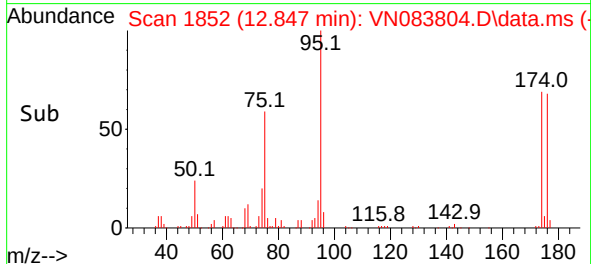
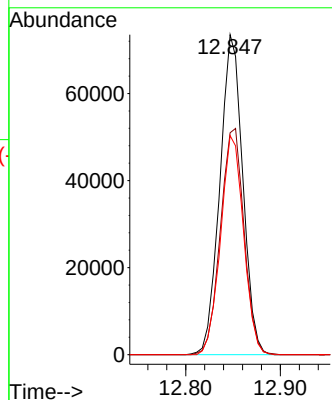
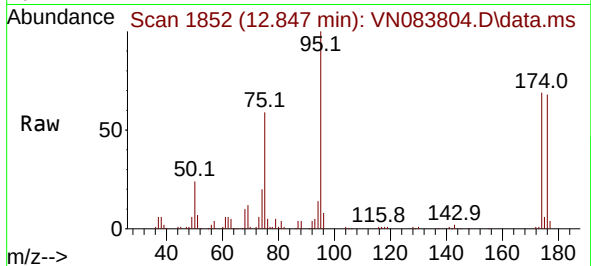




#62
4-Bromofluorobenzene
Concen: 56.296 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

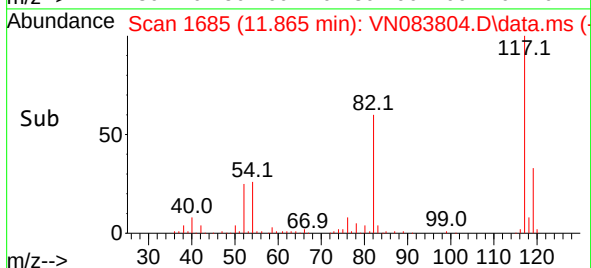
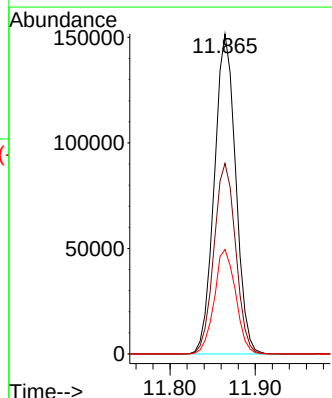
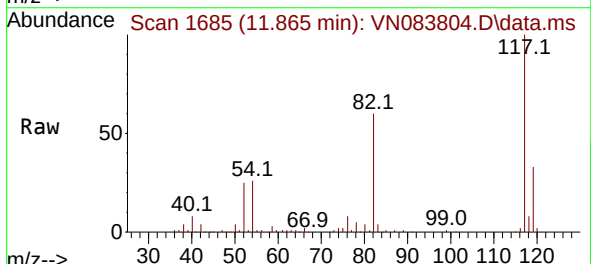
Instrument :
MSVOA_N
ClientSampleId :

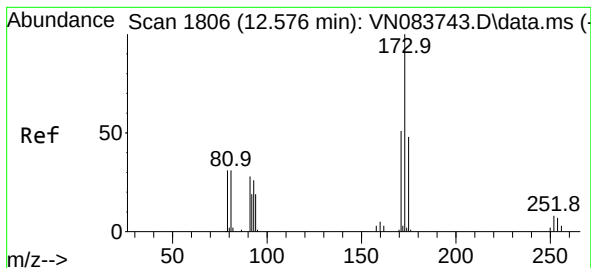
Tgt Ion: 95 Resp: 123415
Ion Ratio Lower Upper
95 100
174 73.0 0.0 139.8
176 68.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Tgt Ion: 117 Resp: 264195
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.0
119 32.7 26.3 39.5





#71

Bromoform

Concen: 0.281 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

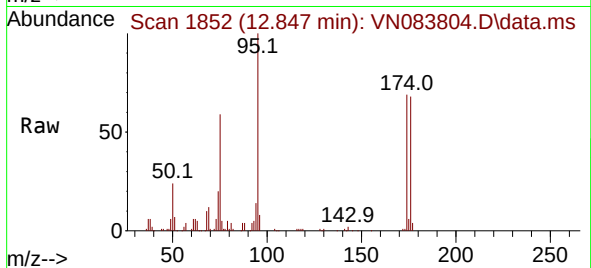
Lab File: VN083804.D

Acq: 11 Sep 2024 18:45

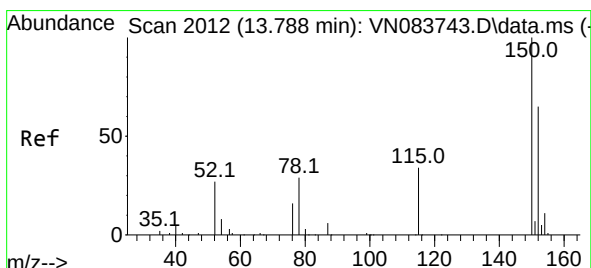
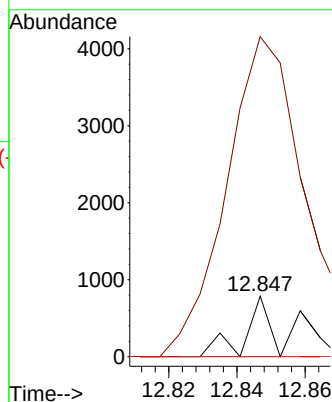
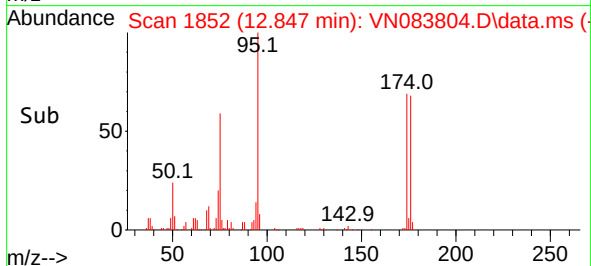
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	386
Ion Ratio	Lower	Upper	
173	100		
175	1283.4	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

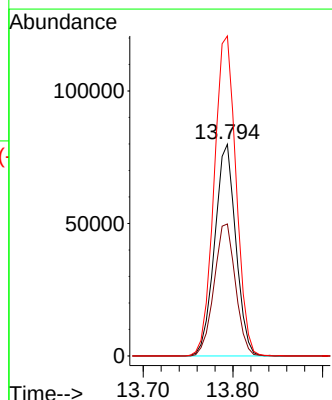
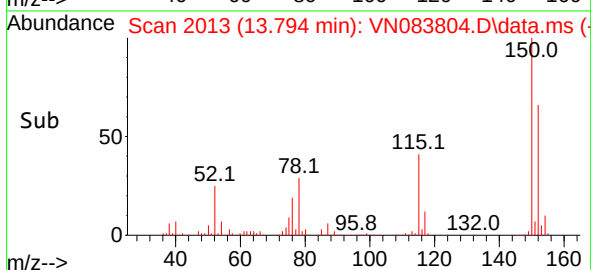
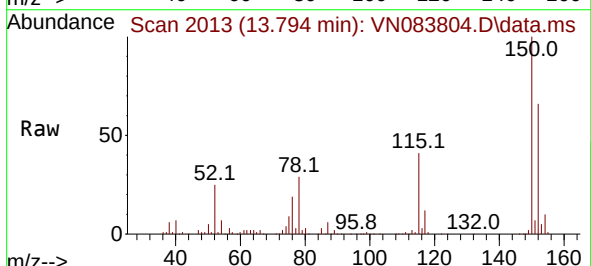
RT: 13.794 min Scan# 2013

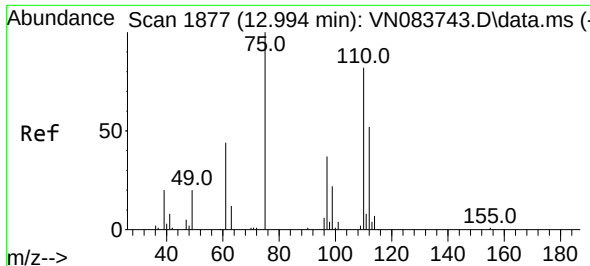
Delta R.T. 0.006 min

Lab File: VN083804.D

Acq: 11 Sep 2024 18:45

Tgt Ion:	152	Resp:	130787
Ion Ratio	Lower	Upper	
152	100		
115	63.2	32.2	96.6
150	156.6	0.0	348.6

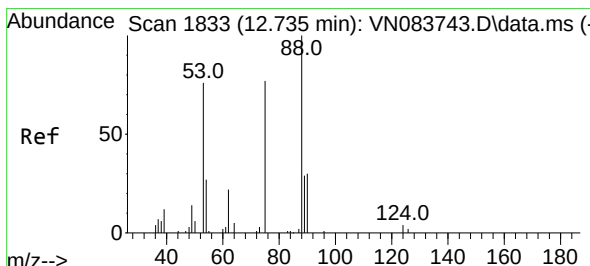
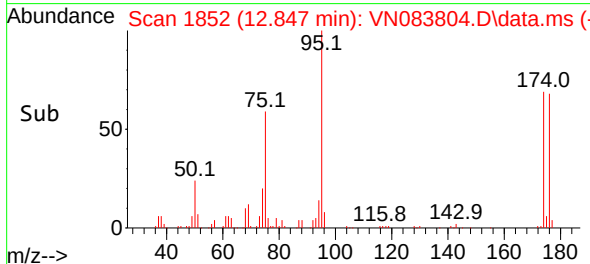
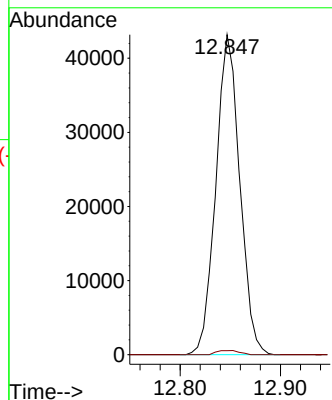
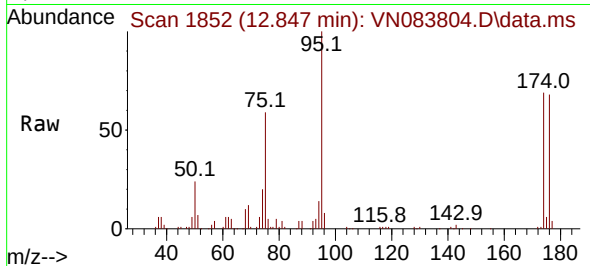




#76
1,2,3-Trichloropropane
Concen: 27.070 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

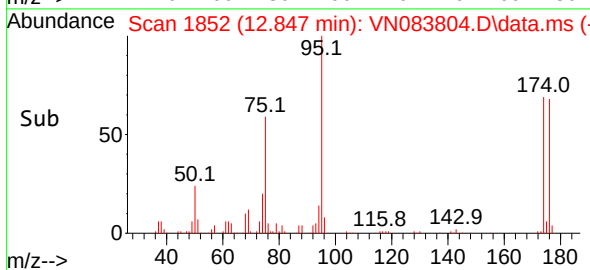
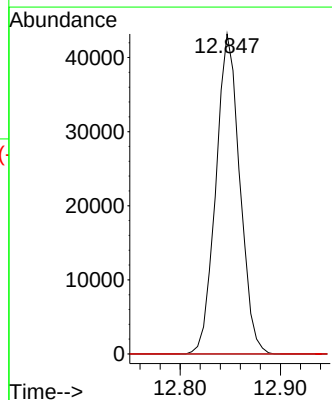
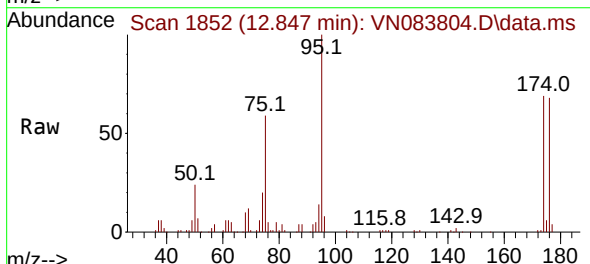
Instrument :
MSVOA_N
ClientSampleId :

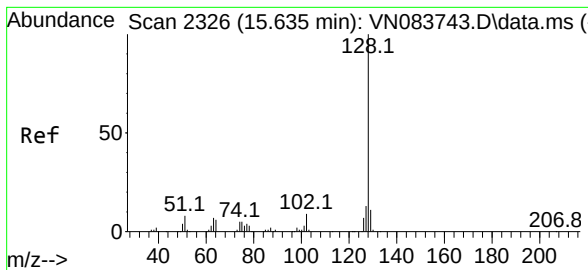
Tgt Ion: 75 Resp: 71439
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.899 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

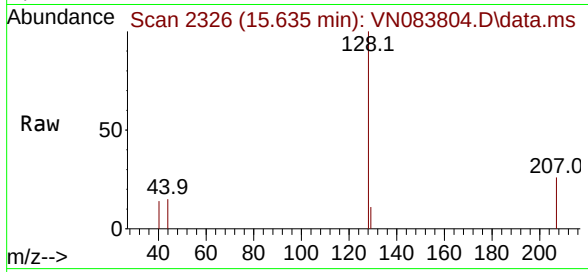
Tgt Ion: 75 Resp: 71439
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 0.369 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083804.D
Acq: 11 Sep 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	2674
Ion	Ratio	Lower	Upper
128	100		
127	2.8	10.2	15.2#
129	4.7	8.7	13.1#

