

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084245.D
 Acq On : 01 Oct 2024 17:30
 Operator : JC\MD
 Sample : P4235-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A1403

Quant Time: Oct 02 02:05:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119901	49.504	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.000%
35) Dibromofluoromethane	8.165	113	93039	50.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.980%
50) Toluene-d8	10.565	98	332809	49.580	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.847	95	108516	44.375	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.740%

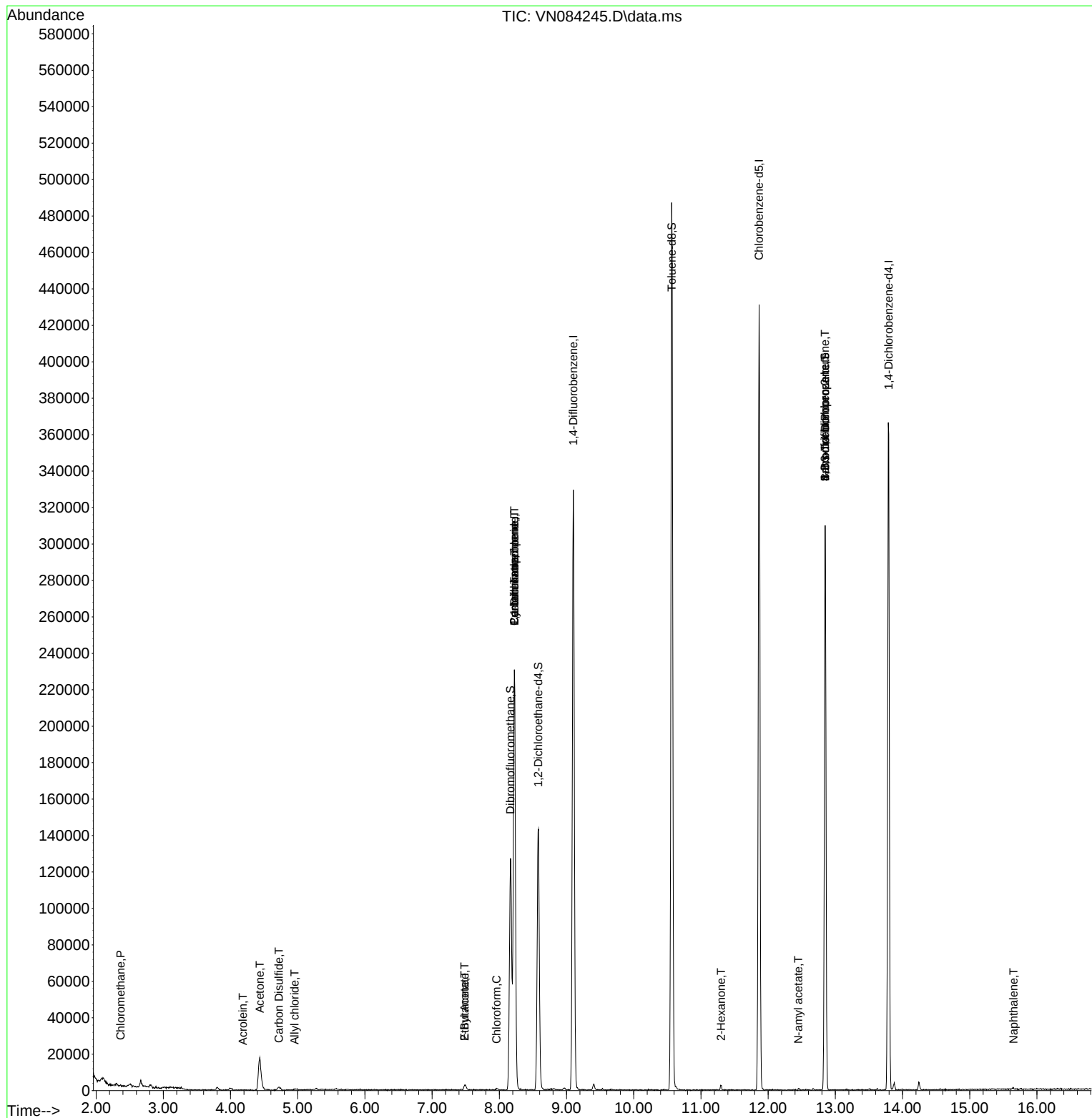
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.365	50	445	0.202	ug/l #	41
13) Acrolein	4.183	56	197	0.430	ug/l #	14
14) Allyl chloride	4.953	41	733	0.229	ug/l #	21
16) Acetone	4.436	43	34524	33.182	ug/l	97
17) Carbon Disulfide	4.718	76	1206	0.207	ug/l #	75
25) 2-Butanone	7.483	43	4733	3.340	ug/l	99
30) Chloroform	7.959	83	776	0.202	ug/l #	79
31) Cyclohexane	8.224	56	4008	1.117	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	14186	5.353	ug/l #	50
37) Ethyl Acetate	7.483	43	4733	1.741	ug/l #	69
38) Carbon Tetrachloride	8.224	117	17638	6.067	ug/l #	16
59) 2-Hexanone	11.300	43	451	0.233	ug/l #	24
71) Bromoform	12.847	173	675	0.504	ug/l #	1
74) N-amyl acetate	12.447	43	715	0.210	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	57159	28.386	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57159	68.055	ug/l #	11
95) Naphthalene	15.653	128	1144	0.210	ug/l #	76

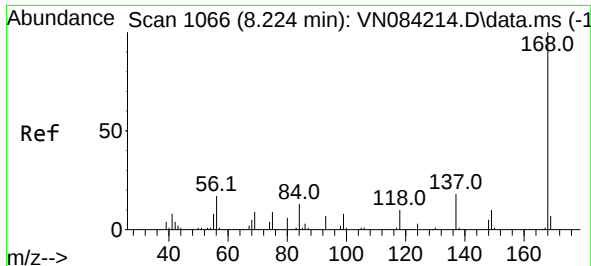
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
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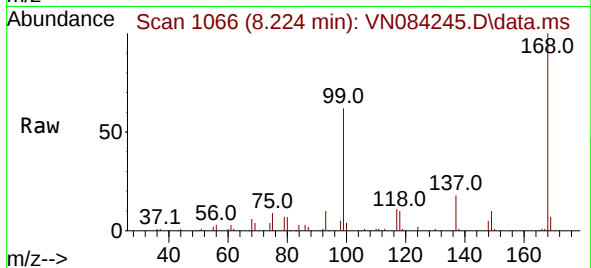
Quant Time: Oct 02 02:05:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



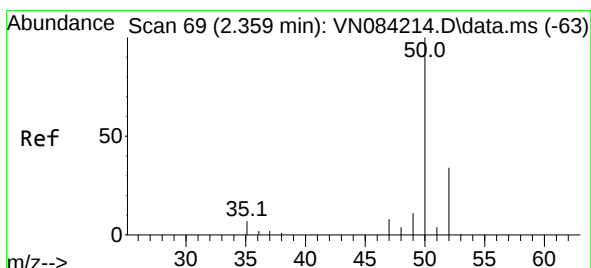
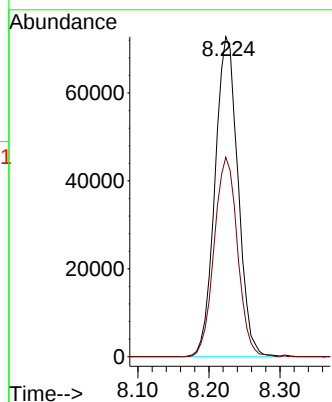
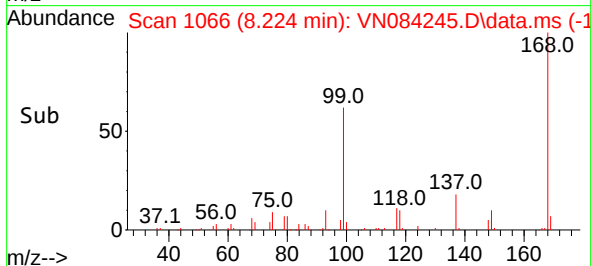


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
A1403

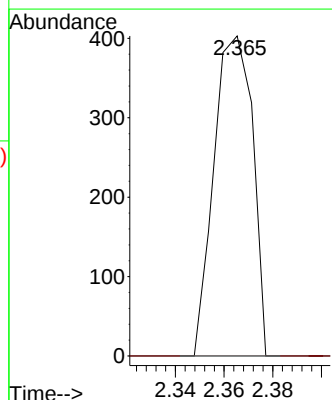
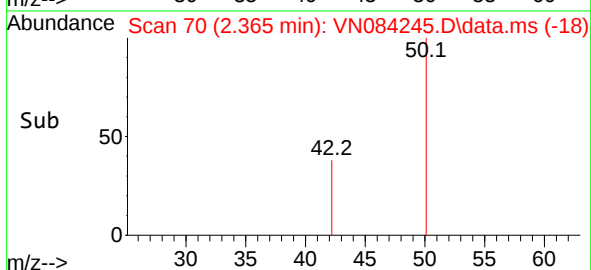
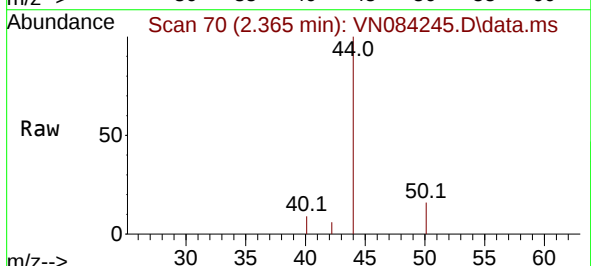


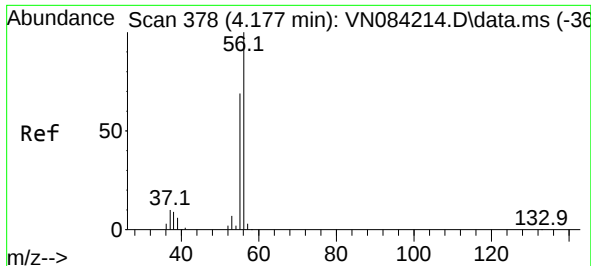
Tgt Ion:168 Resp: 163355
Ion Ratio Lower Upper
168 100
99 62.3 54.2 81.2



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Tgt Ion: 50 Resp: 445
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#





#13

Acrolein

Concen: 0.430 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084245.D

Acq: 01 Oct 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

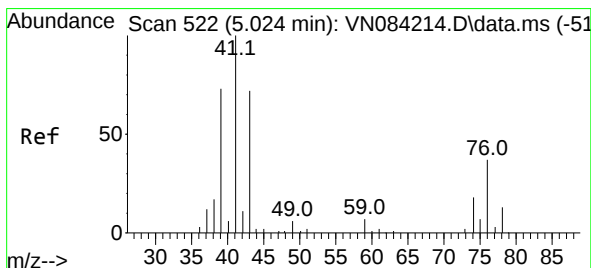
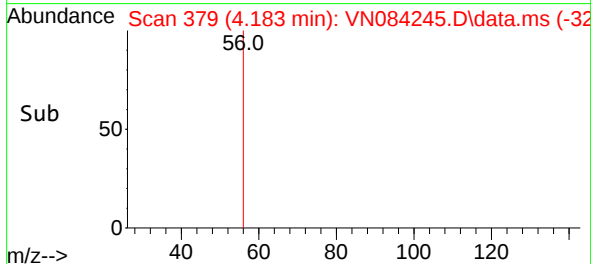
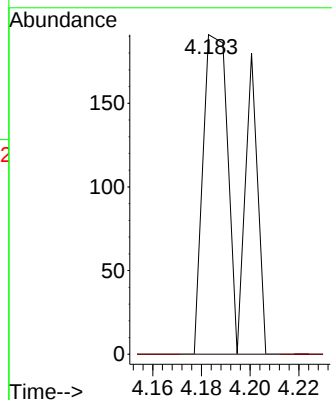
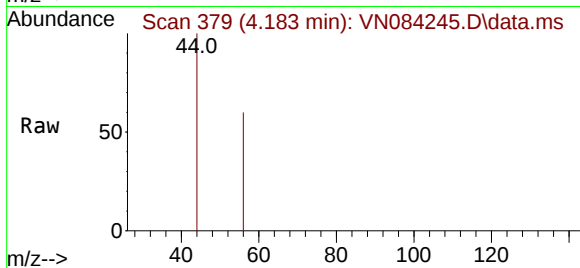
A1403

Tgt Ion: 56 Resp: 197

Ion Ratio Lower Upper

56 100

55 0.0 57.2 85.8#



#14

Allyl chloride

Concen: 0.229 ug/l

RT: 4.953 min Scan# 510

Delta R.T. -0.070 min

Lab File: VN084245.D

Acq: 01 Oct 2024 17:30

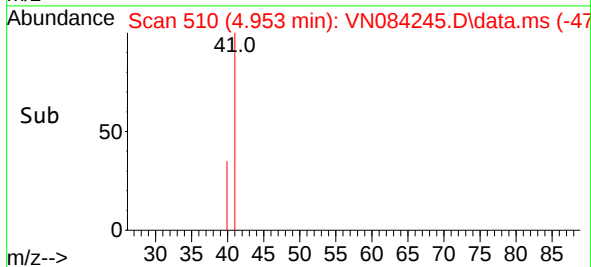
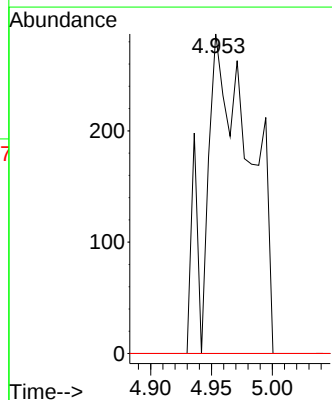
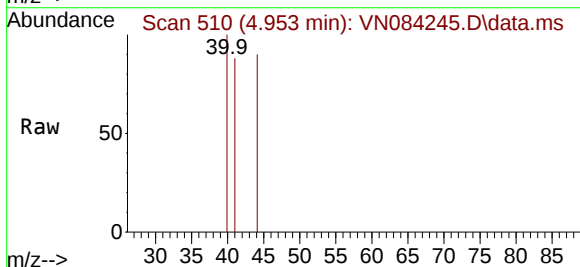
Tgt Ion: 41 Resp: 733

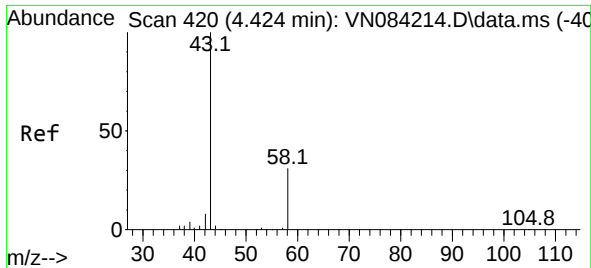
Ion Ratio Lower Upper

41 100

39 0.0 59.0 88.6#

76 0.0 29.8 44.6#





#16

Acetone

Concen: 33.182 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084245.D

Acq: 01 Oct 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

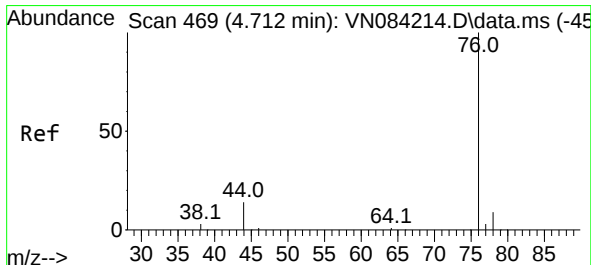
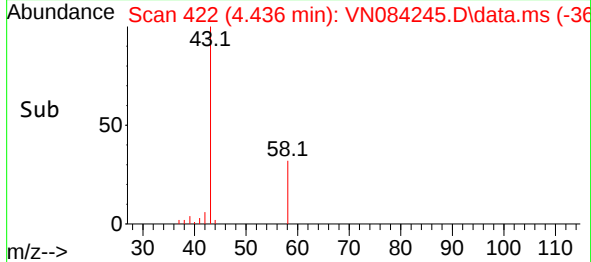
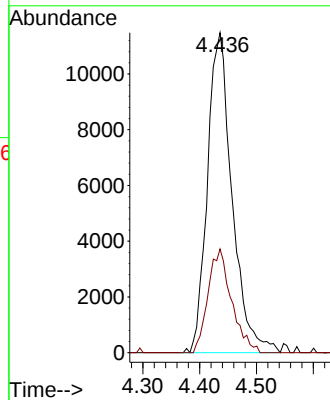
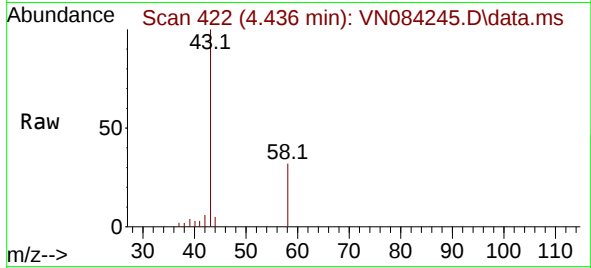
A1403

Tgt Ion: 43 Resp: 34524

Ion Ratio Lower Upper

43 100

58 32.4 24.4 36.6



#17

Carbon Disulfide

Concen: 0.207 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN084245.D

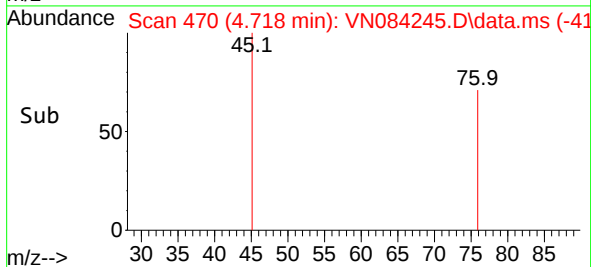
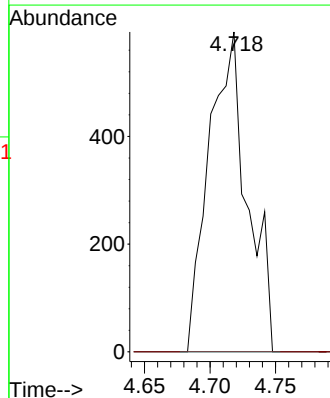
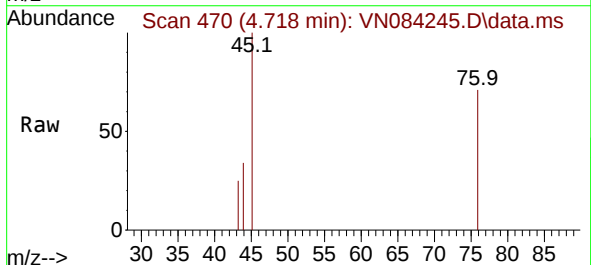
Acq: 01 Oct 2024 17:30

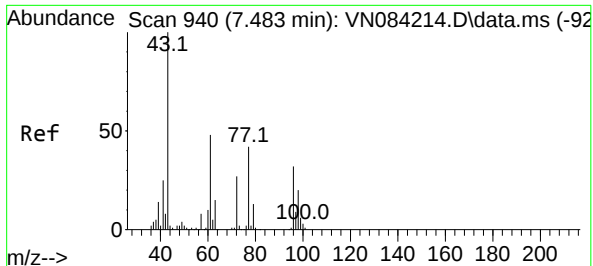
Tgt Ion: 76 Resp: 1206

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

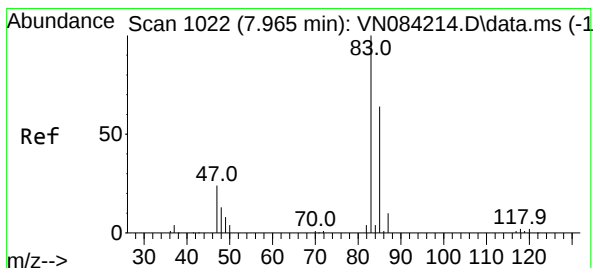
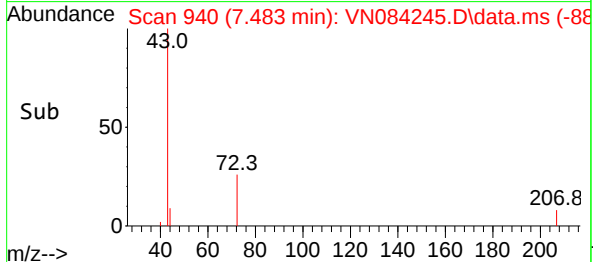
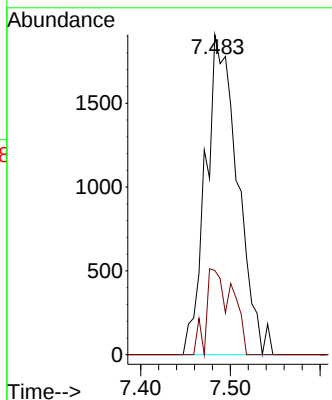
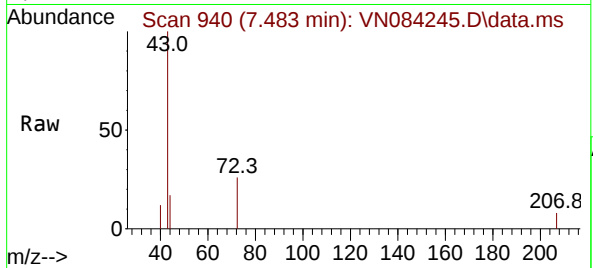




#25
2-Butanone
Concen: 3.340 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

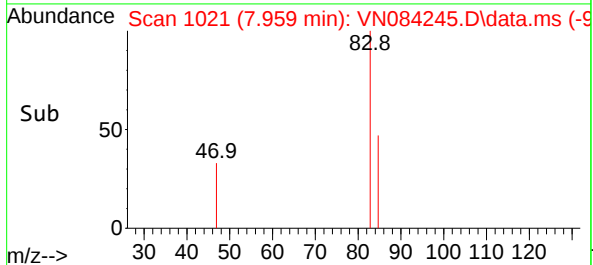
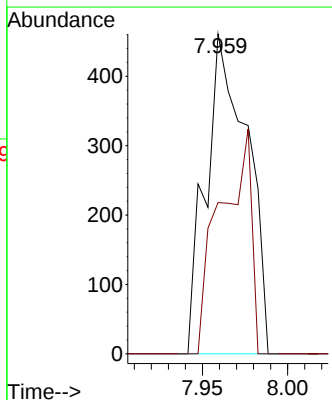
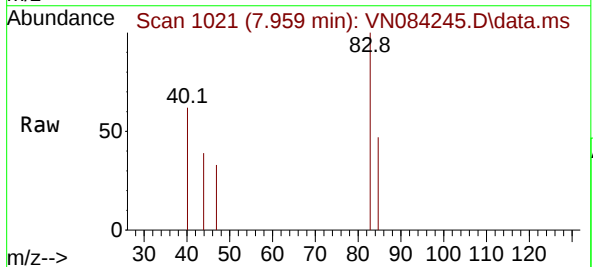
Instrument :
MSVOA_N
ClientSampleId :
A1403

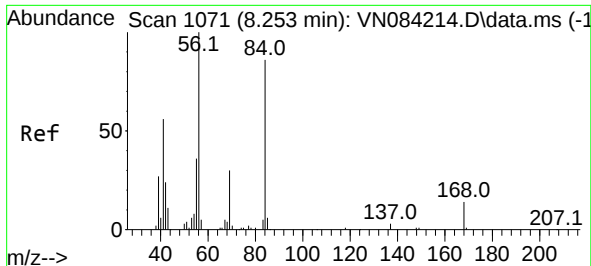
Tgt Ion: 43 Resp: 4733
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.2



#30
Chloroform
Concen: 0.202 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Tgt Ion: 83 Resp: 776
Ion Ratio Lower Upper
83 100
85 47.3 51.0 76.4#

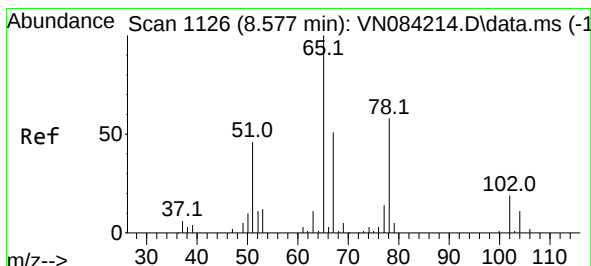
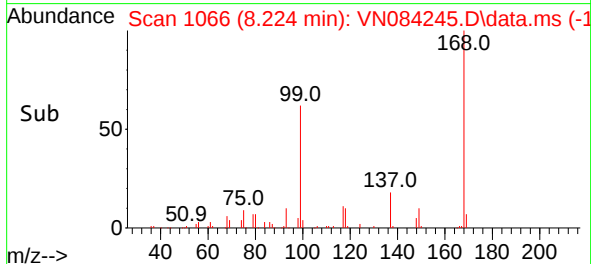
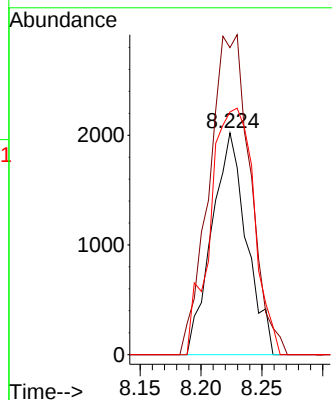
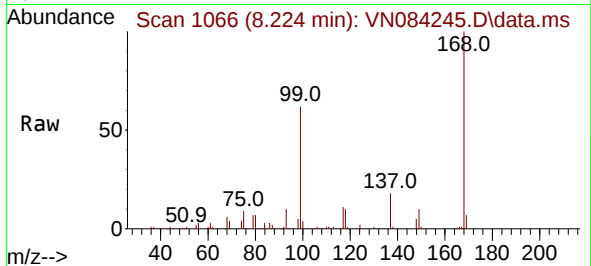




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

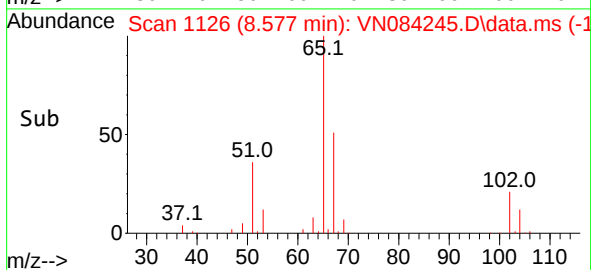
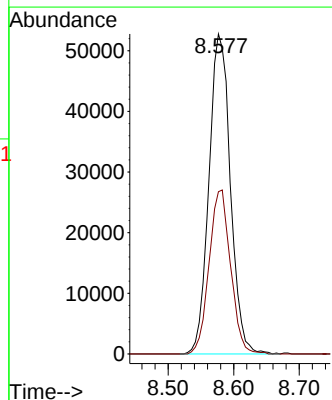
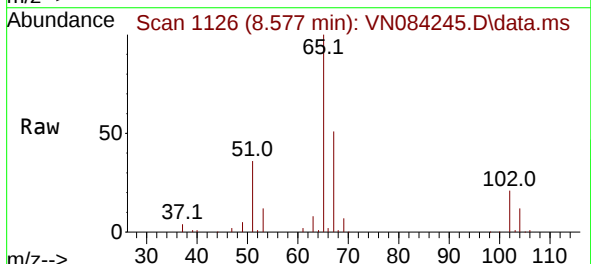
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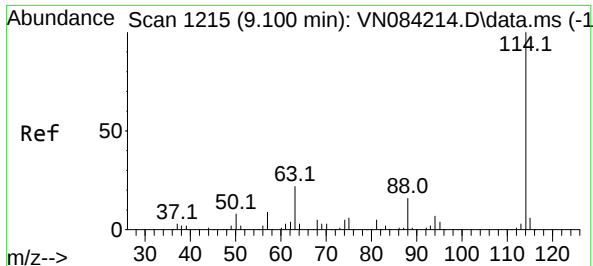
Tgt Ion: 56 Resp: 4008
Ion Ratio Lower Upper
56 100
69 138.5 23.8 35.6#
84 109.5 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.504 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Tgt Ion: 65 Resp: 119901
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084245.D

Acq: 01 Oct 2024 17:30

Instrument :

MSVOA_N

ClientSampleId :

A1403

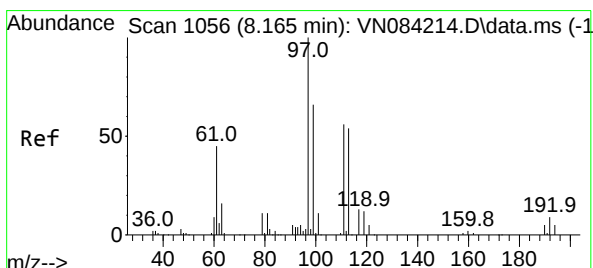
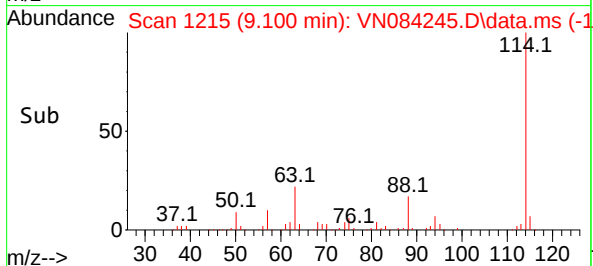
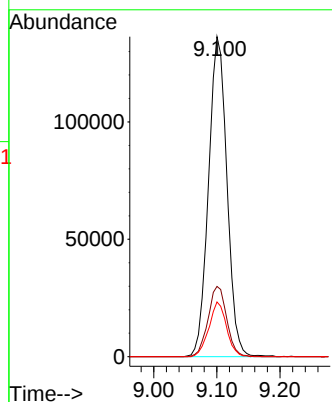
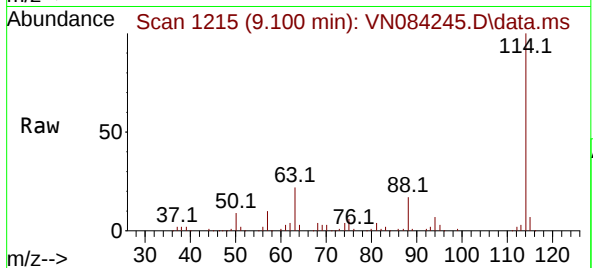
Tgt Ion:114 Resp: 276748

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 17.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.994 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084245.D

Acq: 01 Oct 2024 17:30

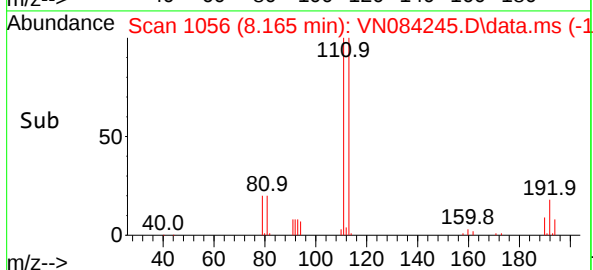
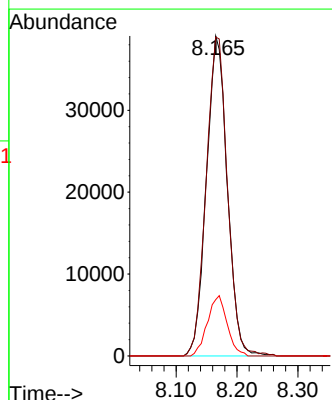
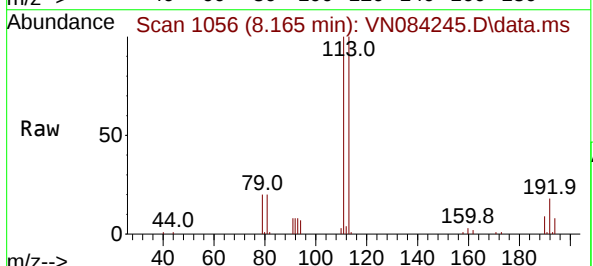
Tgt Ion:113 Resp: 93039

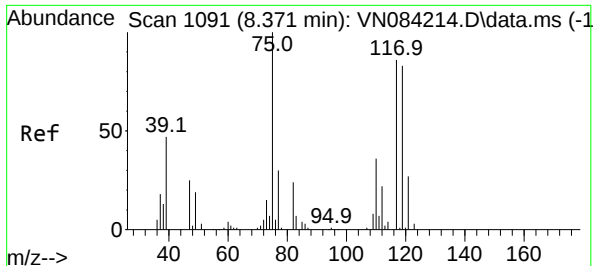
Ion Ratio Lower Upper

113 100

111 101.7 83.3 124.9

192 17.8 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.353 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN084245.D

Acq: 01 Oct 2024 17:30

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A1403

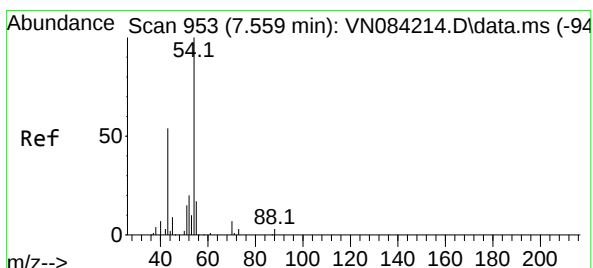
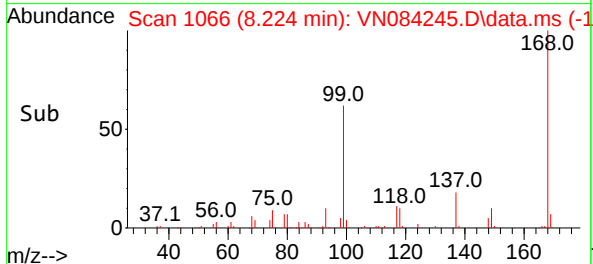
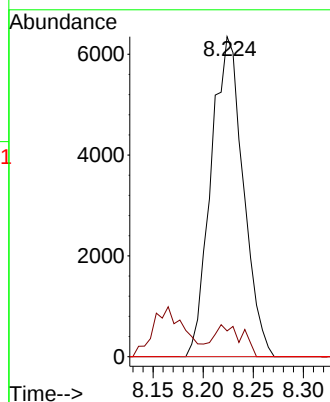
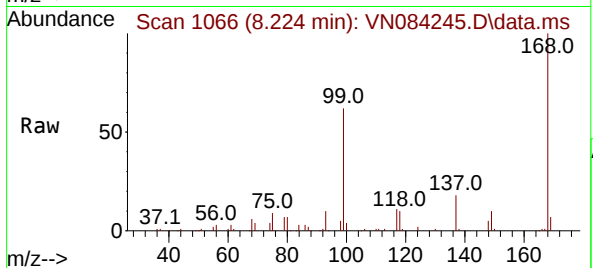
Tgt Ion: 75 Resp: 14186

Ion Ratio Lower Upper

75 100

110 8.9 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.741 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.076 min

Lab File: VN084245.D

Acq: 01 Oct 2024 17:30

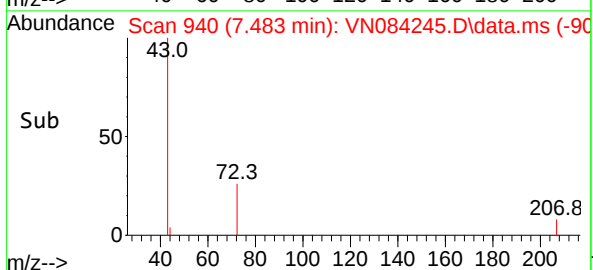
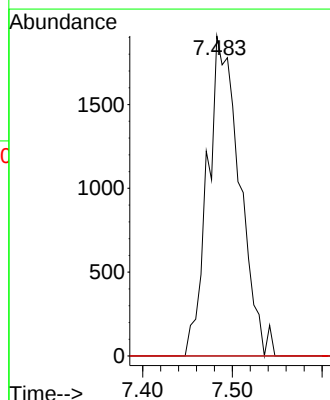
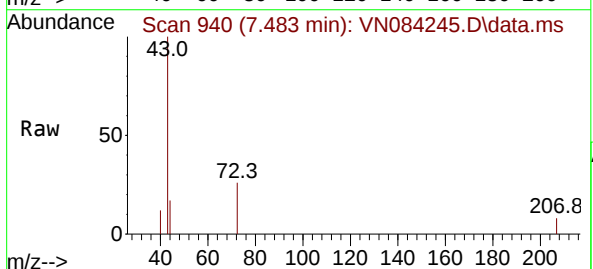
Tgt Ion: 43 Resp: 4733

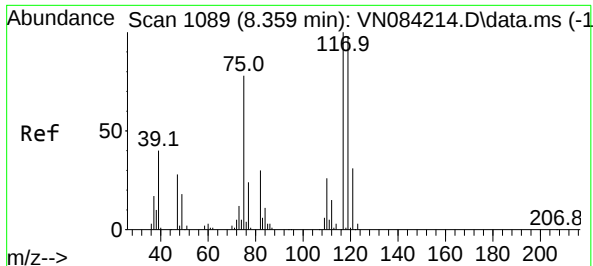
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

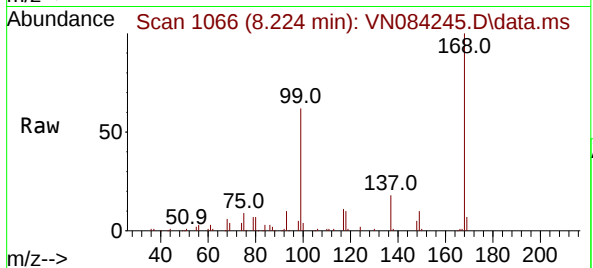
70 0.0 8.8 13.2#



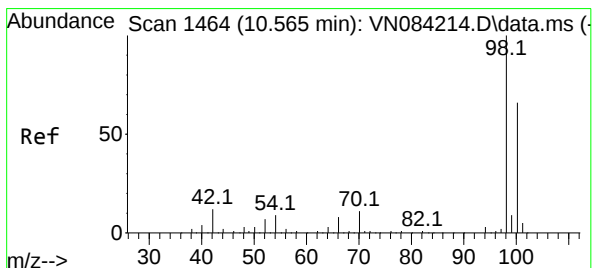
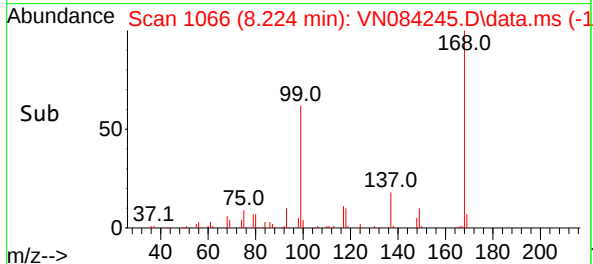
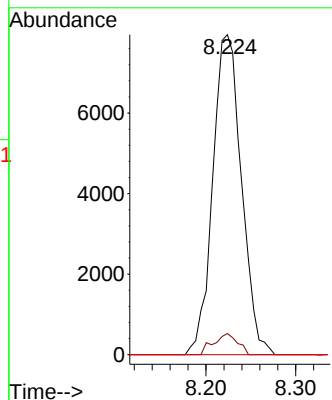


#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Instrument :
MSVOA_N
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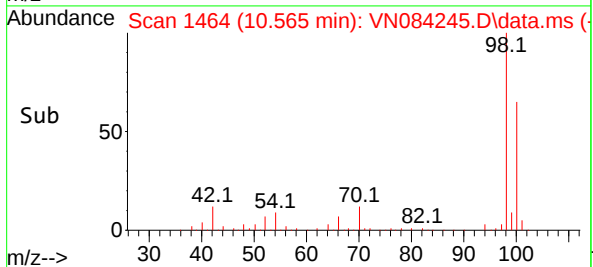
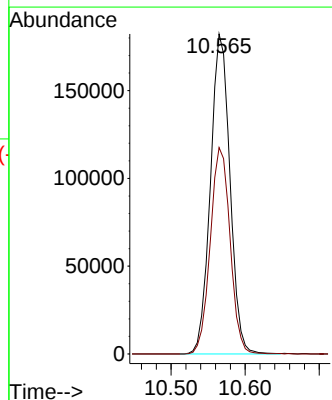
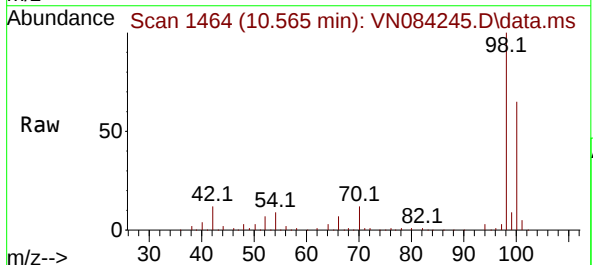


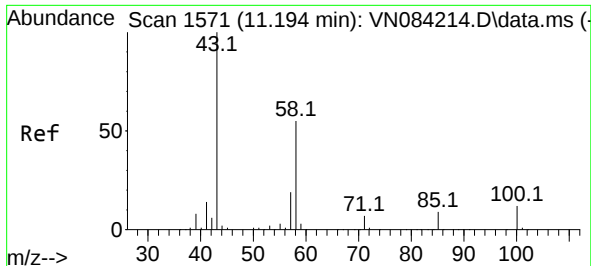
Tgt Ion:117 Resp: 17638
Ion Ratio Lower Upper
117 100
119 6.6 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.580 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Tgt Ion: 98 Resp: 332809
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

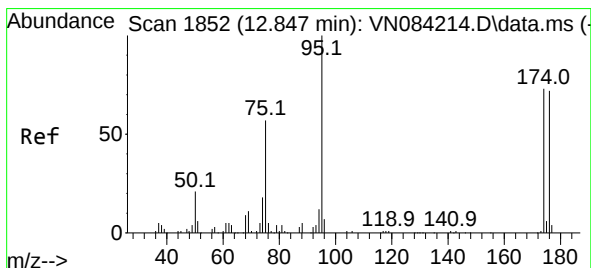
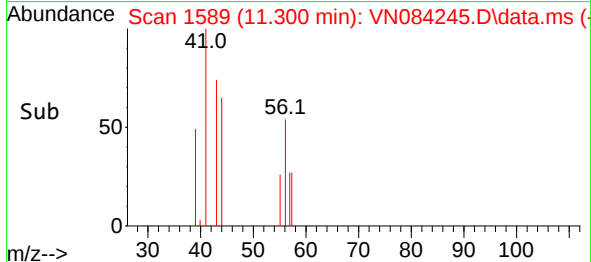
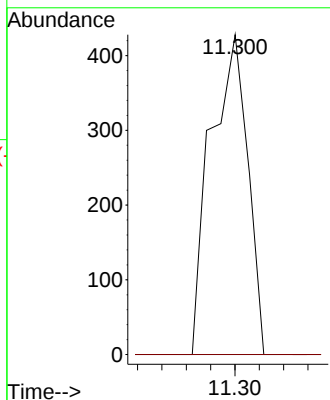
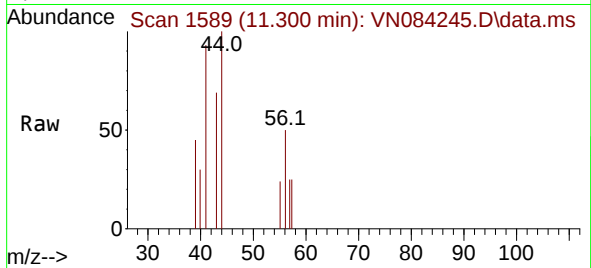




#59
2-Hexanone
Concen: 0.233 ug/l
RT: 11.300 min Scan# 1159
Delta R.T. 0.106 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

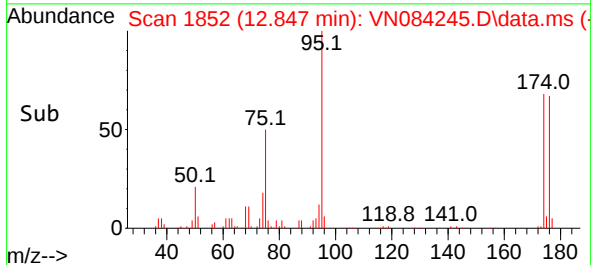
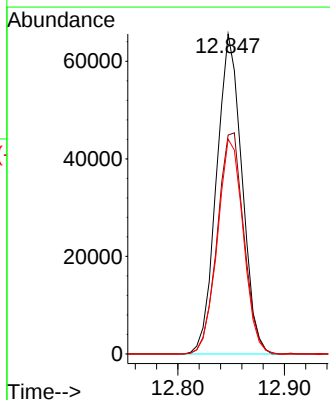
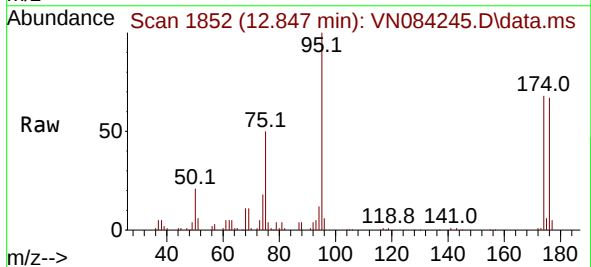
Instrument :
MSVOA_N
ClientSampleId :
A1403

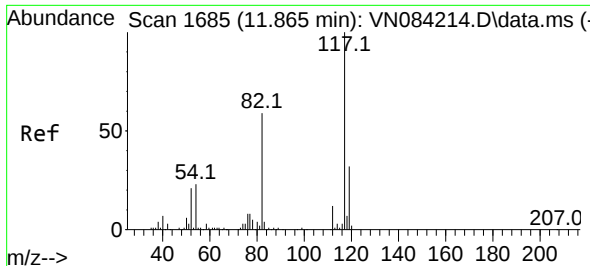
Tgt Ion: 43 Resp: 451
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 44.375 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Tgt Ion: 95 Resp: 108516
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.2
176 68.5 0.0 140.0

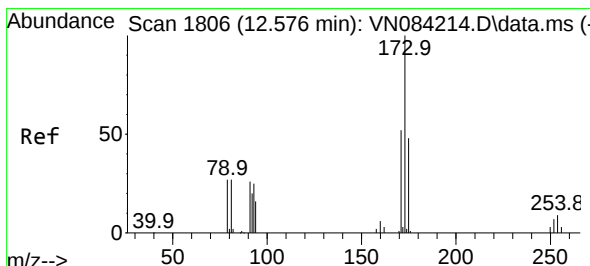
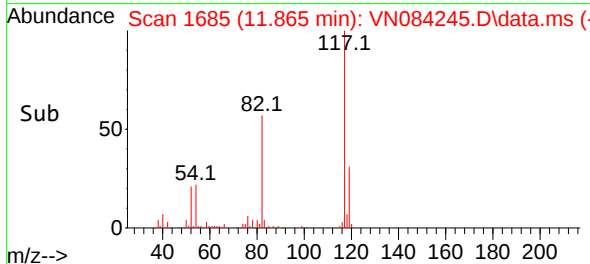
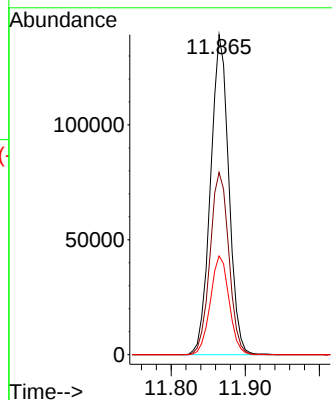
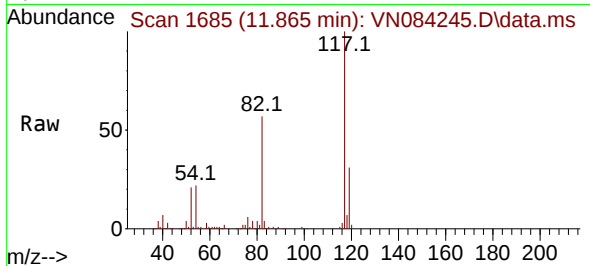




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

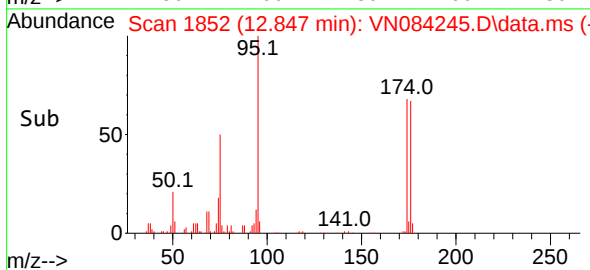
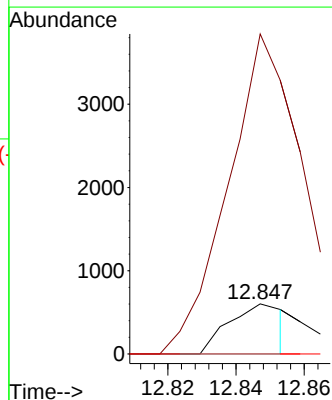
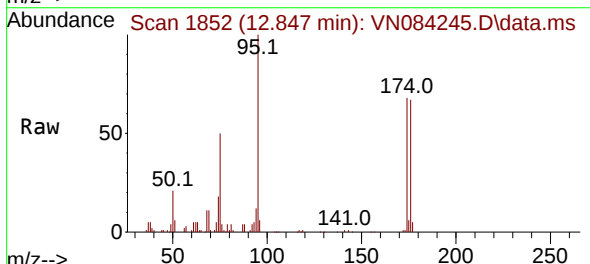
Instrument :
MSVOA_N
ClientSampleId :
A1403

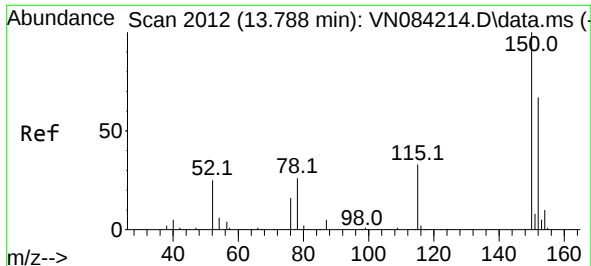
Tgt Ion:117 Resp: 238059
Ion Ratio Lower Upper
117 100
82 56.9 47.2 70.8
119 30.9 25.4 38.0



#71
Bromoform
Concen: 0.504 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Tgt Ion:173 Resp: 675
Ion Ratio Lower Upper
173 100
175 647.9 23.5 70.6#
254 0.0 0.0 0.0

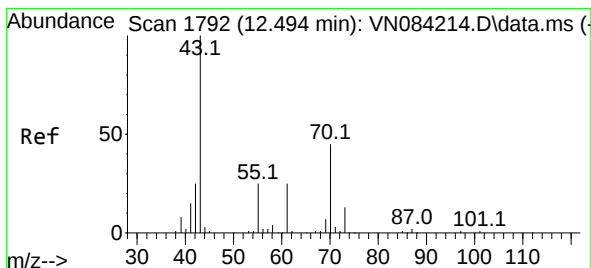
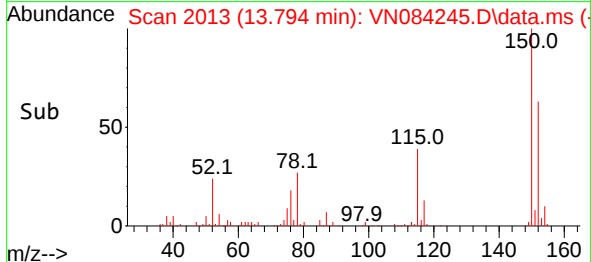
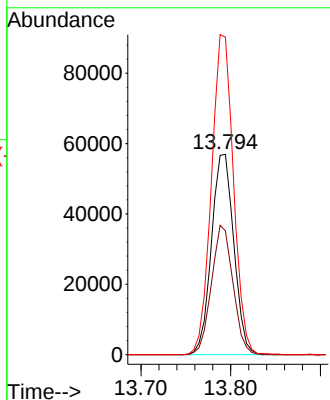
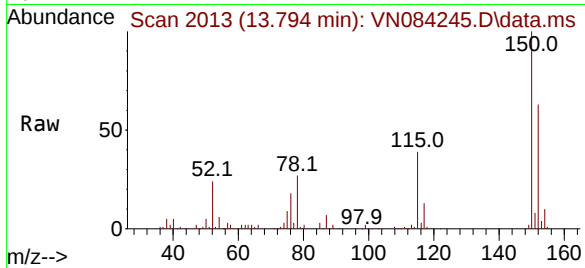




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

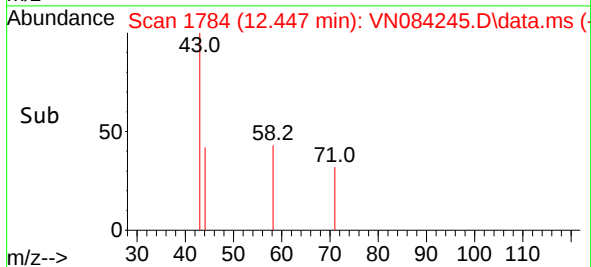
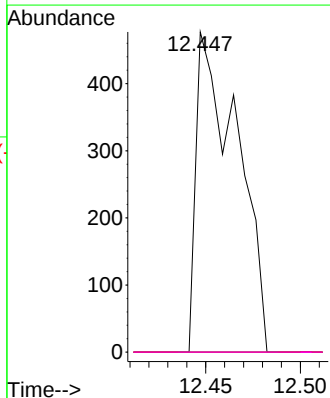
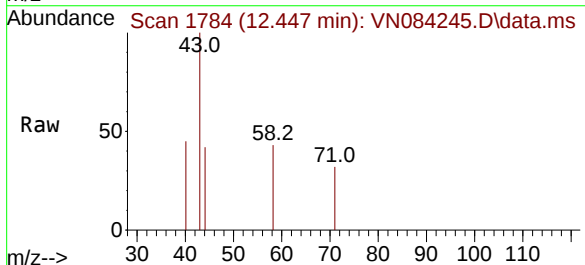
Instrument :
MSVOA_N
ClientSampleId :
A1403

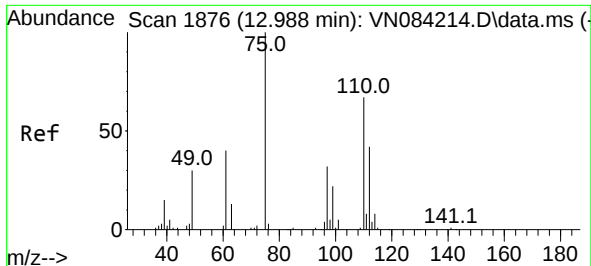
Tgt Ion:152 Resp: 98633
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.9
150 157.1 0.0 349.8



#74
N-ethyl acetate
Concen: 0.210 ug/l
RT: 12.447 min Scan# 1784
Delta R.T. -0.047 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 19.6 29.4#
61 0.0 19.6 29.4#

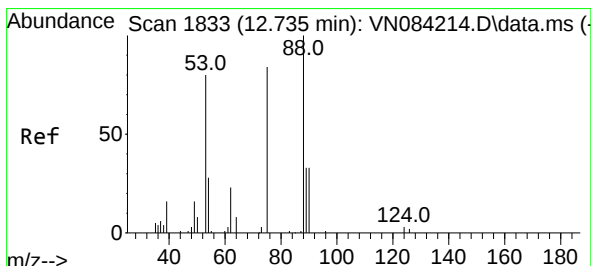
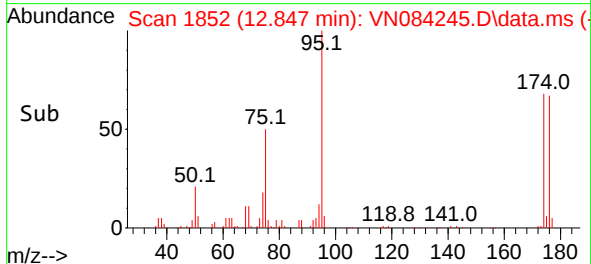
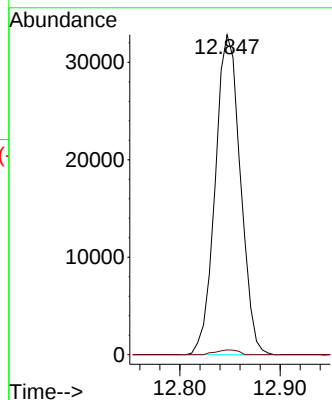
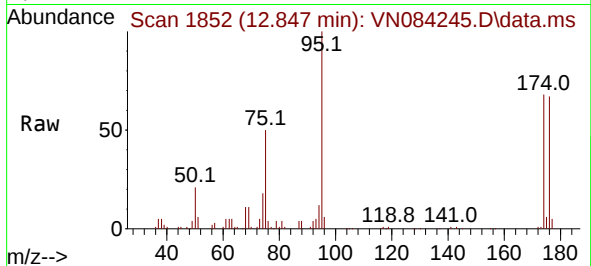




#76
1,2,3-Trichloropropane
Concen: 28.386 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

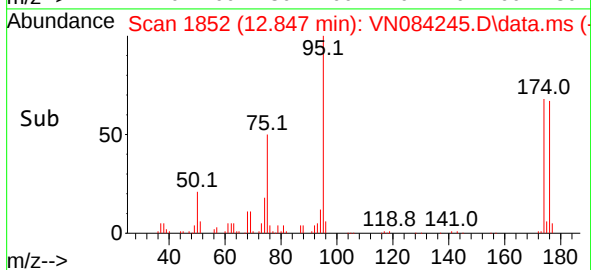
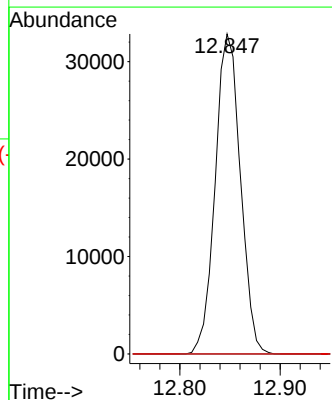
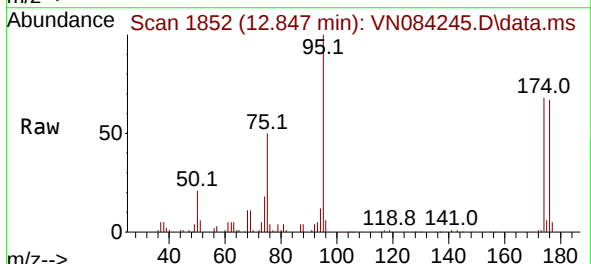
Instrument :
MSVOA_N
ClientSampleId :
A1403

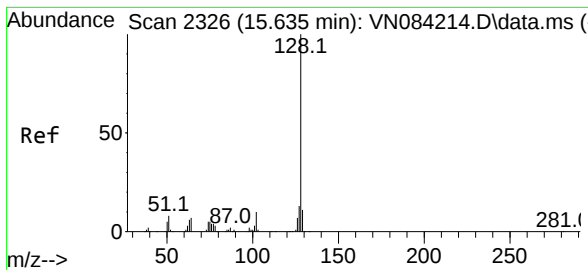
Tgt Ion: 75 Resp: 57159
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.055 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

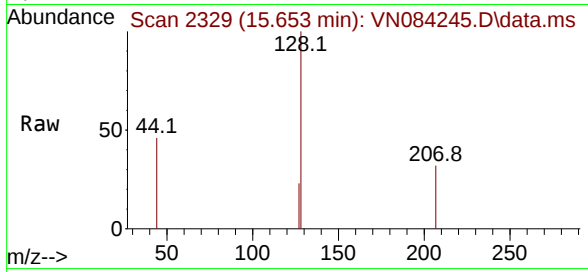
Tgt Ion: 75 Resp: 57159
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#95
Naphthalene
Concen: 0.210 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.018 min
Lab File: VN084245.D
Acq: 01 Oct 2024 17:30

Instrument :
MSVOA_N
ClientSampleId :
A1403



Tgt Ion:	128	Resp:	1144
Ion	Ratio	Lower	Upper
128	100		
127	5.4	10.5	15.7#
129	0.0	8.7	13.1#

