

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083942.D
 Acq On : 17 Sep 2024 13:53
 Operator : JC\MD
 Sample : P3957-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:48:20 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

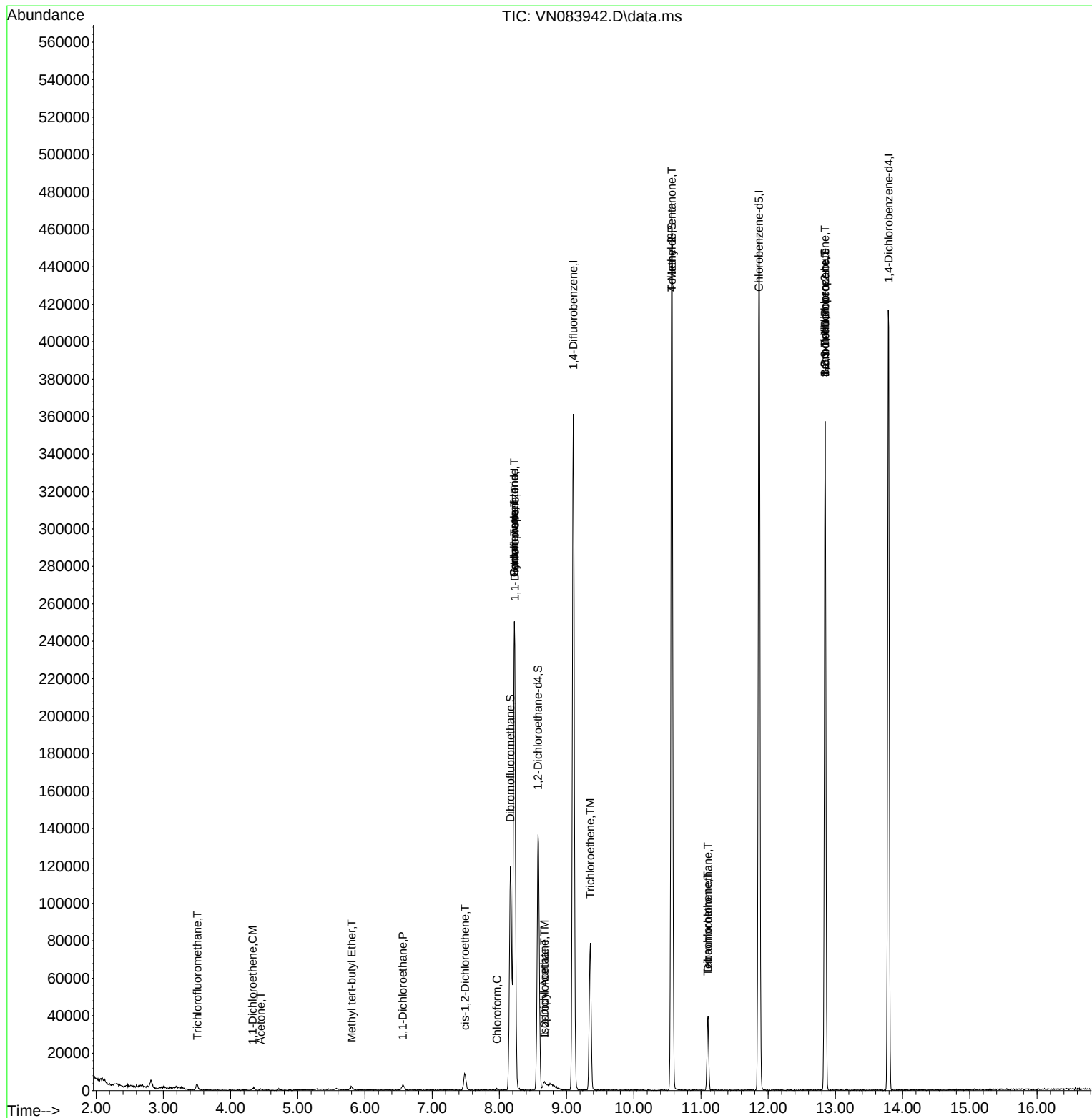
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	167327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117022	46.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.760%
35) Dibromofluoromethane	8.165	113	85122	45.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.520%
50) Toluene-d8	10.565	98	312470	48.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.847	95	117194	43.684	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.360%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	495	Below Cal	#	41
7) Trichlorofluoromethane	3.506	101	3601	0.996	ug/l	96
12) 1,1-Dichloroethene	4.330	96	420	0.232	ug/l #	21
16) Acetone	4.447	43	955	0.944	ug/l #	45
18) Methyl Acetate	5.047	43	120	Below Cal	#	52
19) Methyl tert-butyl Ether	5.800	73	2483	0.379	ug/l	96
24) 1,1-Dichloroethane	6.565	63	4740	1.239	ug/l #	87
27) cis-1,2-Dichloroethene	7.488	96	5697	2.474	ug/l	83
30) Chloroform	7.965	83	863	0.213	ug/l #	17
31) Cyclohexane	8.224	56	4573	1.254	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	15718	5.552	ug/l #	51
38) Carbon Tetrachloride	8.224	117	20049	6.242	ug/l #	15
42) 1,2-Dichloroethane	8.671	62	1474	0.463	ug/l #	77
43) Isopropyl Acetate	8.671	43	2477	0.532	ug/l #	57
44) Trichloroethene	9.353	130	26144	13.249	ug/l	93
51) 4-Methyl-2-Pentanone	10.565	43	1634	0.645	ug/l #	1
60) Dibromochloromethane	11.106	129	7729	3.549	ug/l #	10
64) Tetrachloroethene	11.100	164	8232	4.945	ug/l	88
71) Bromoform	12.847	173	688	0.529	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	68165	31.947	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68165	83.673	ug/l #	9

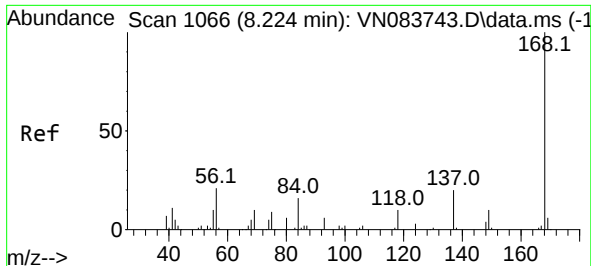
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083942.D
Acq On : 17 Sep 2024 13:53
Operator : JC\MD
Sample : P3957-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

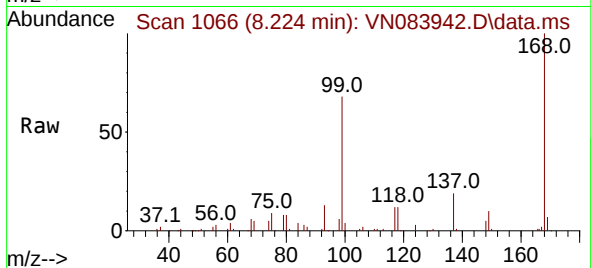
Quant Time: Sep 18 01:48:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



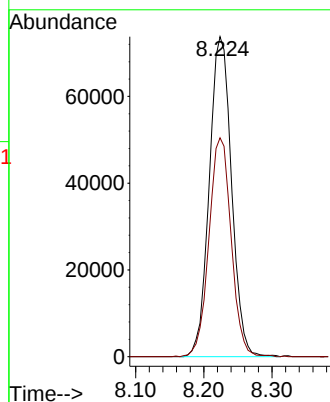
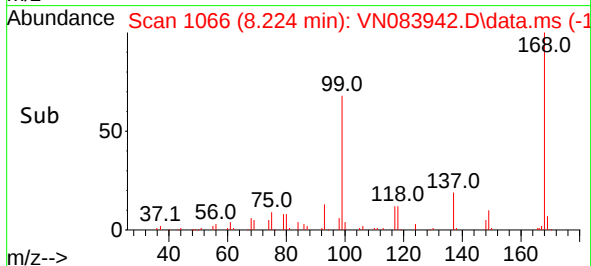


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

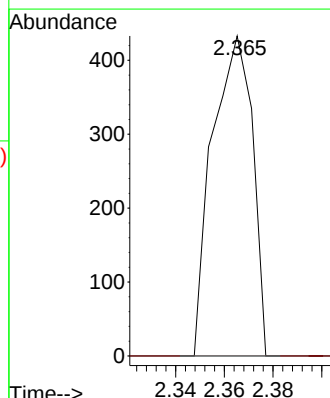
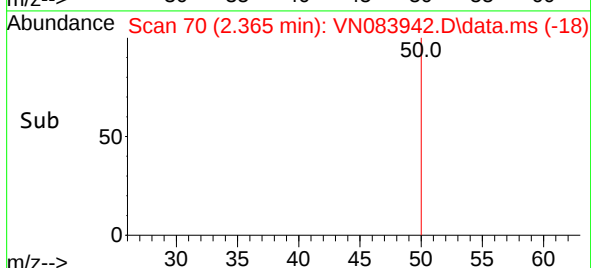
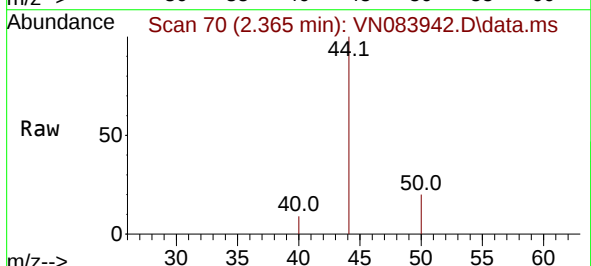


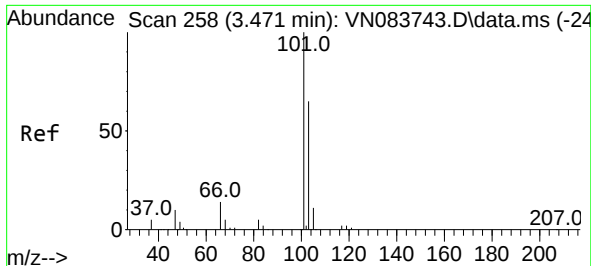
Tgt Ion:168 Resp: 167327
Ion Ratio Lower Upper
168 100
99 68.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

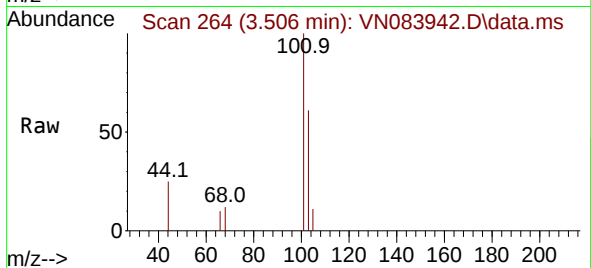
Tgt Ion: 50 Resp: 495
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



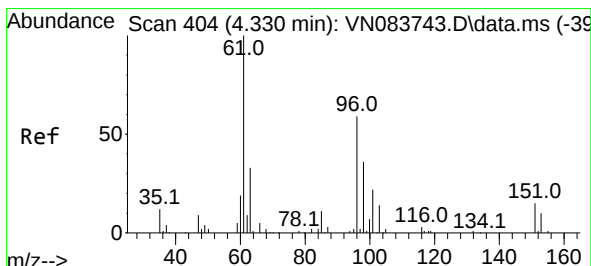
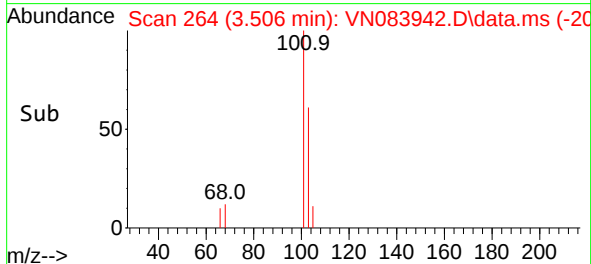
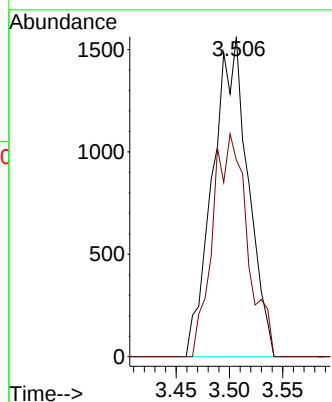


#7
 Trichlorofluoromethane
 Concen: 0.996 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.035 min
 Lab File: VN083942.D
 Acq: 17 Sep 2024 13:53

Instrument :
 MSVOA_N
 ClientSampleId :

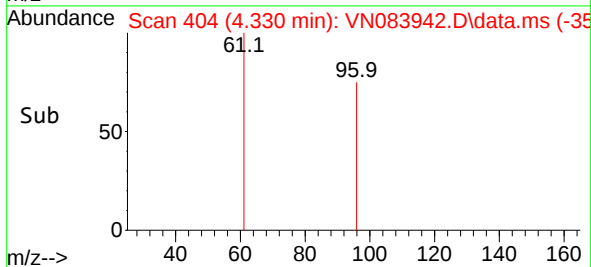
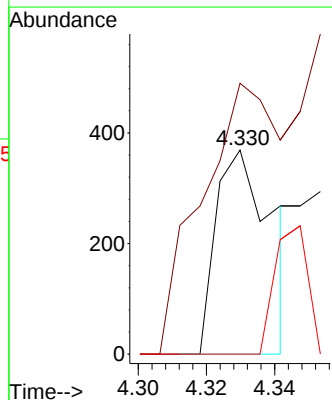
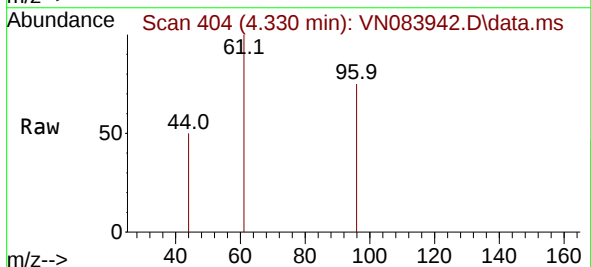


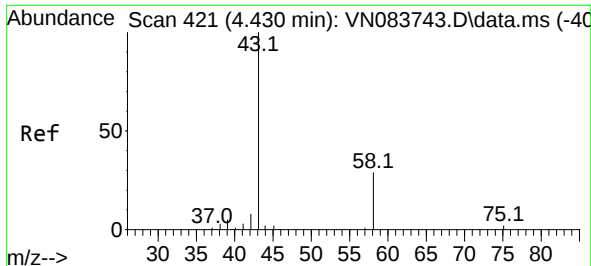
Tgt Ion:101 Resp: 3601
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.4 77.0



#12
 1,1-Dichloroethene
 Concen: 0.232 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VN083942.D
 Acq: 17 Sep 2024 13:53

Tgt Ion: 96 Resp: 420
 Ion Ratio Lower Upper
 96 100
 61 69.6 143.4 215.0#
 98 0.0 52.7 79.1#

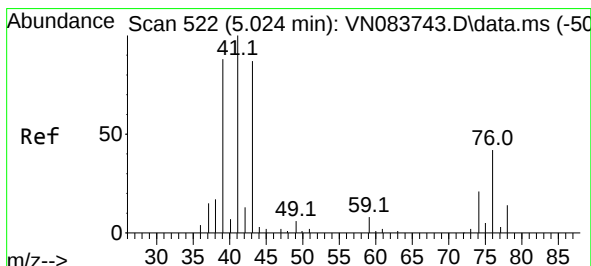
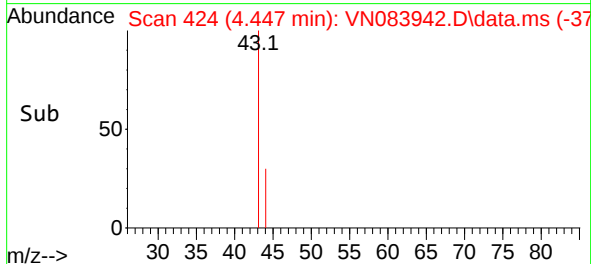
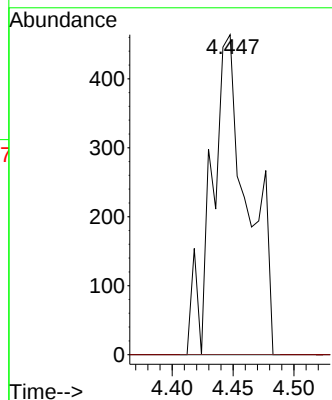
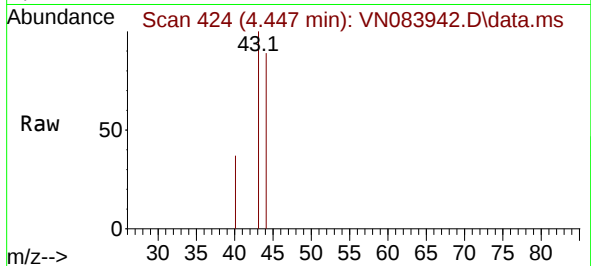




#16
Acetone
Concen: 0.944 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

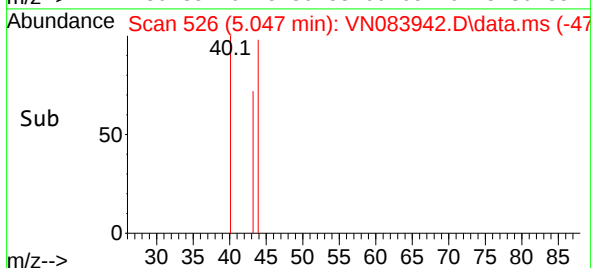
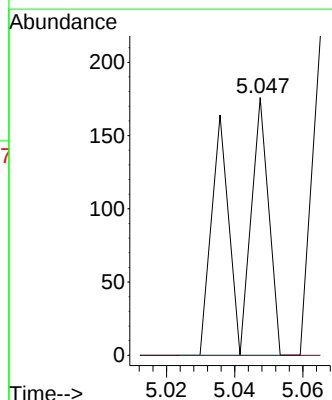
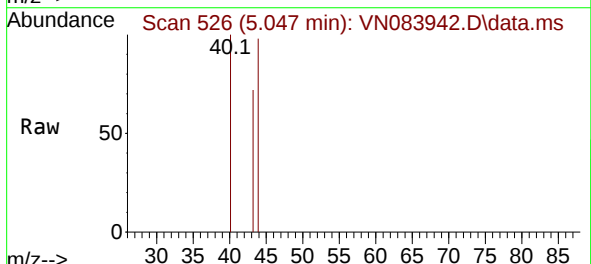
Instrument :
MSVOA_N
ClientSampleId :

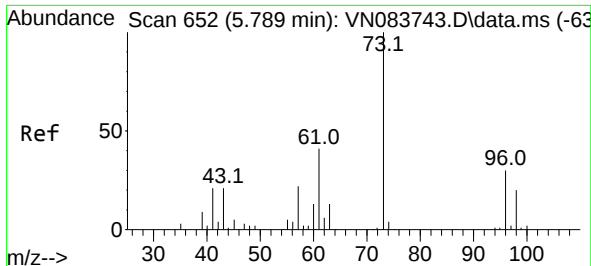
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 526
Delta R.T. 0.023 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

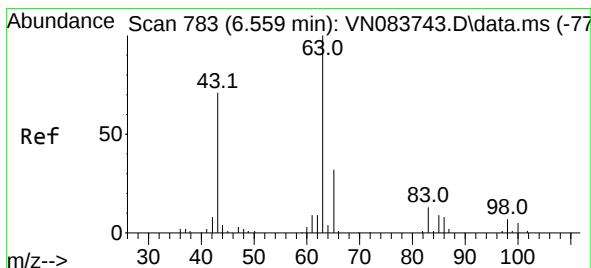
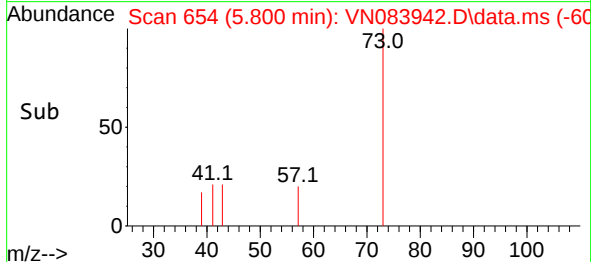
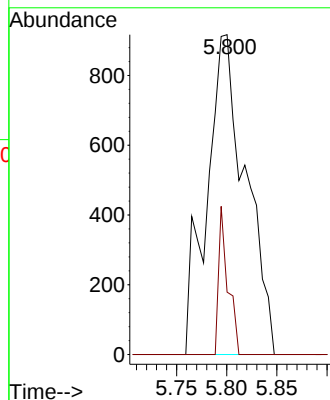
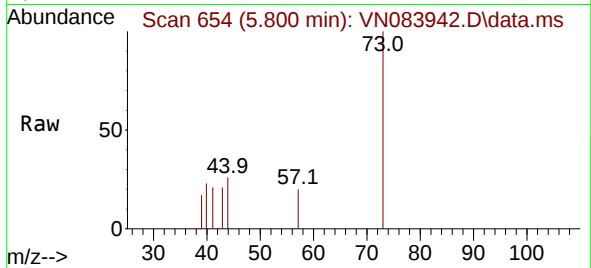




#19
Methyl tert-butyl Ether
Concen: 0.379 ug/l
RT: 5.800 min Scan# 619
Delta R.T. 0.012 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

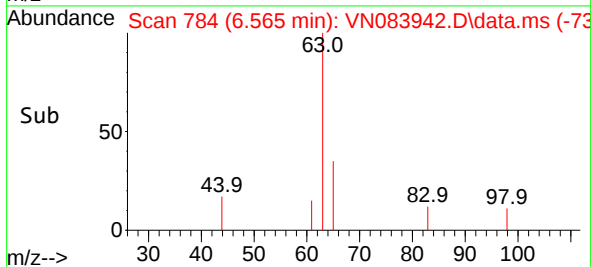
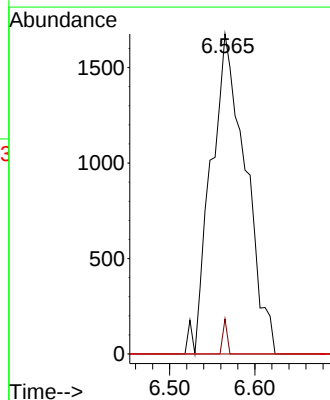
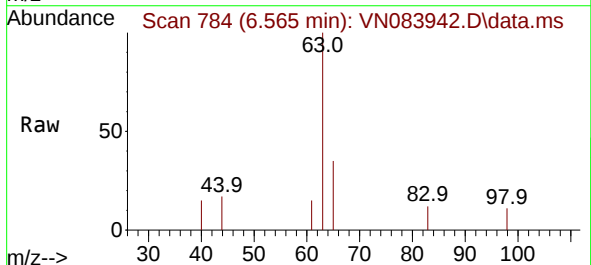
Instrument :
MSVOA_N
ClientSampleId :

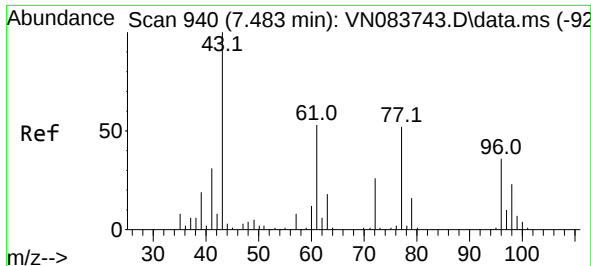
Tgt Ion: 73 Resp: 2483
Ion Ratio Lower Upper
73 100
57 19.5 17.0 25.6



#24
1,1-Dichloroethane
Concen: 1.239 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

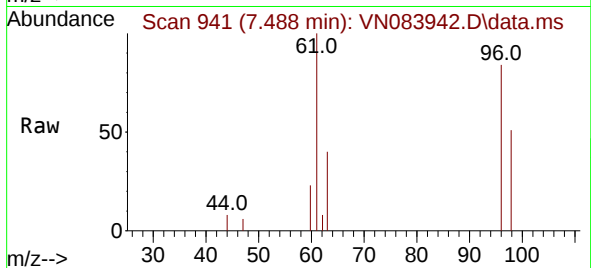
Tgt Ion: 63 Resp: 4740
Ion Ratio Lower Upper
63 100
98 11.0 3.5 10.4#
100 0.0 2.5 7.5#



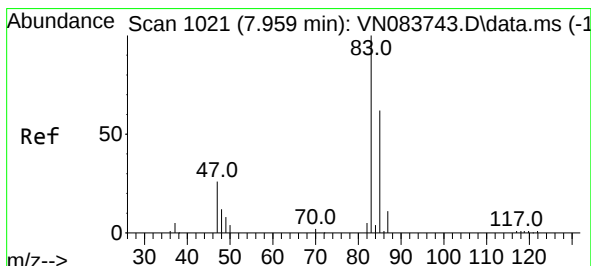
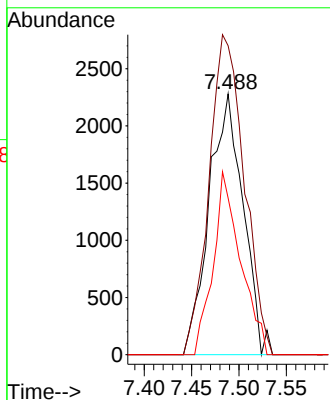
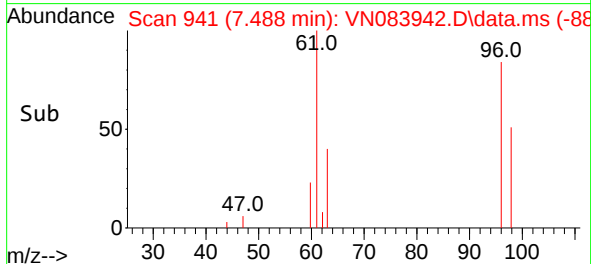


#27
 cis-1,2-Dichloroethene
 Concen: 2.474 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083942.D
 Acq: 17 Sep 2024 13:53

Instrument :
 MSVOA_N
 ClientSampleId :

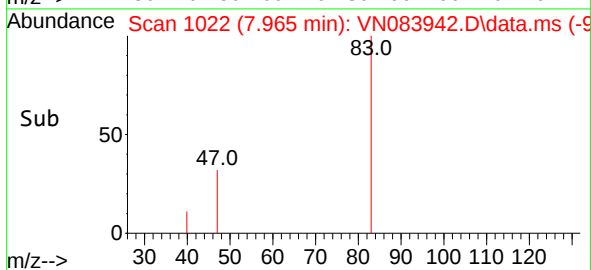
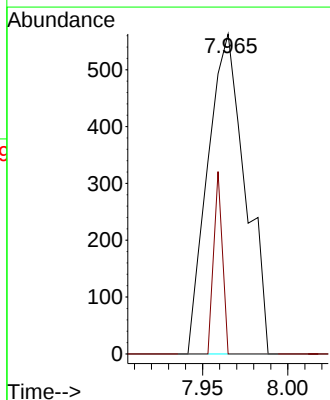
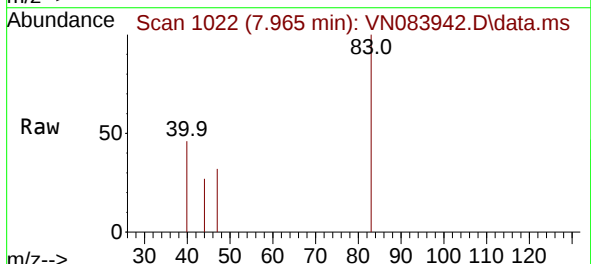


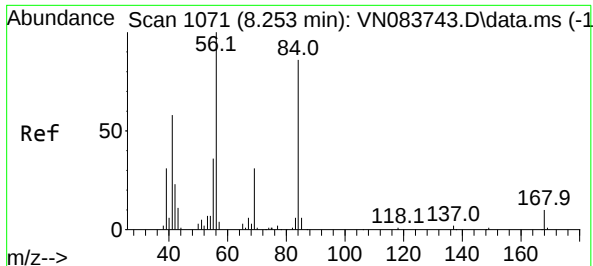
Tgt Ion: 96 Resp: 5697
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 306.2
 98 56.4 0.0 128.6



#30
 Chloroform
 Concen: 0.213 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. 0.006 min
 Lab File: VN083942.D
 Acq: 17 Sep 2024 13:53

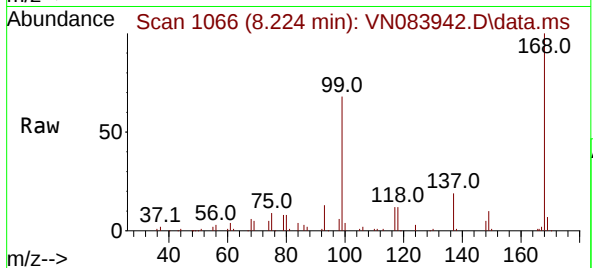
Tgt Ion: 83 Resp: 863
 Ion Ratio Lower Upper
 83 100
 85 0.0 52.8 79.2#



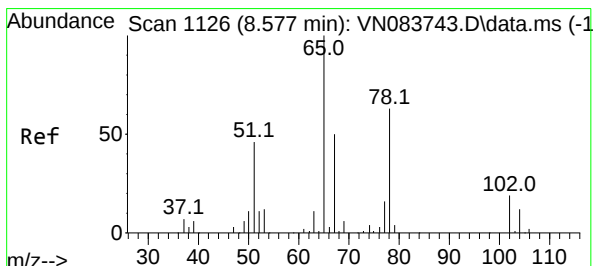
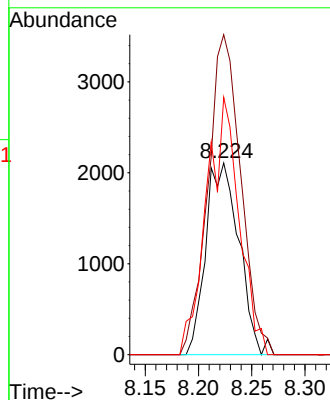
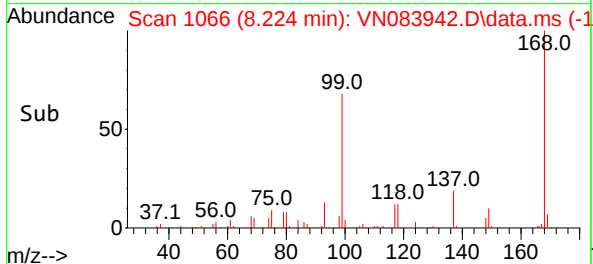


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :

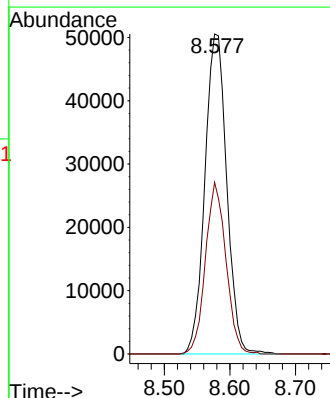
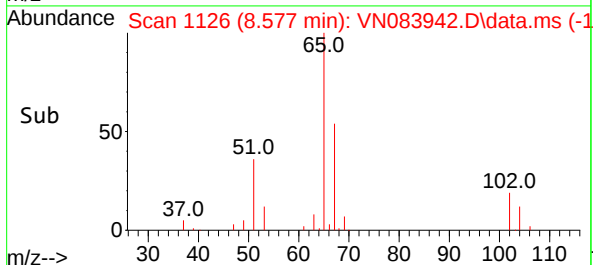
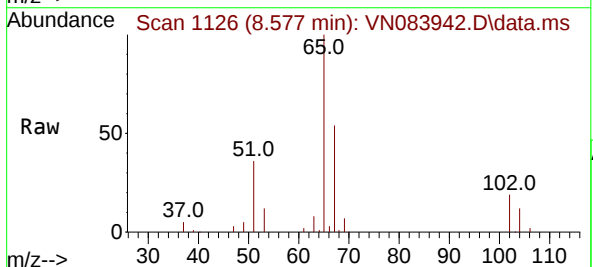


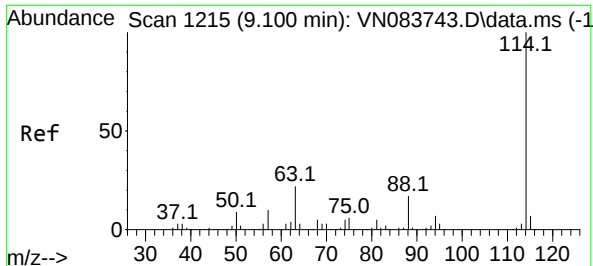
Tgt Ion: 56 Resp: 4573
Ion Ratio Lower Upper
56 100
69 167.0 26.9 40.3#
84 134.3 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 46.381 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Tgt Ion: 65 Resp: 117022
Ion Ratio Lower Upper
65 100
67 50.4 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: VN083942.D

Acq: 17 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

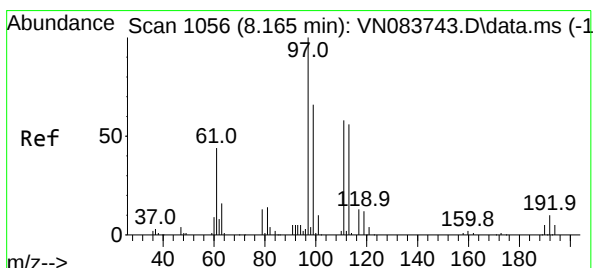
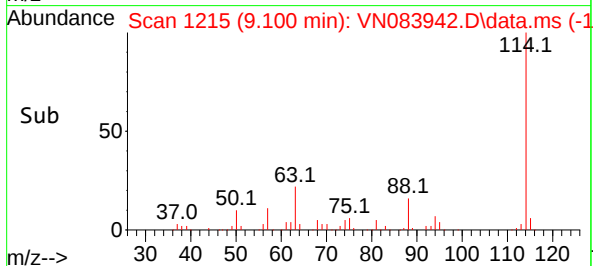
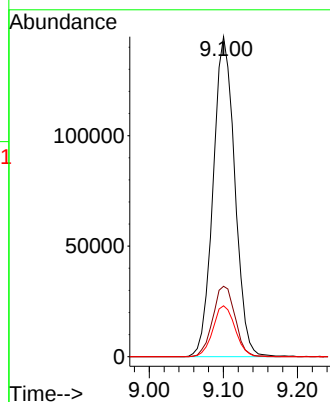
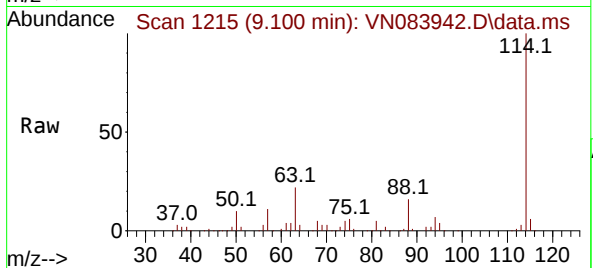
Tgt Ion:114 Resp: 293811

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 45.255 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083942.D

Acq: 17 Sep 2024 13:53

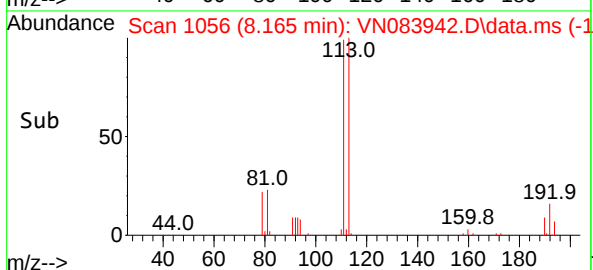
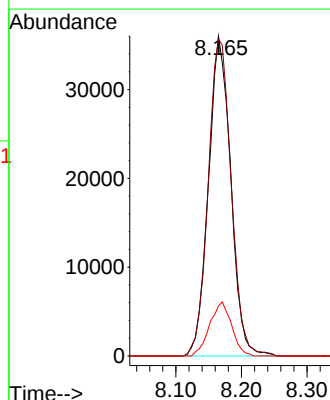
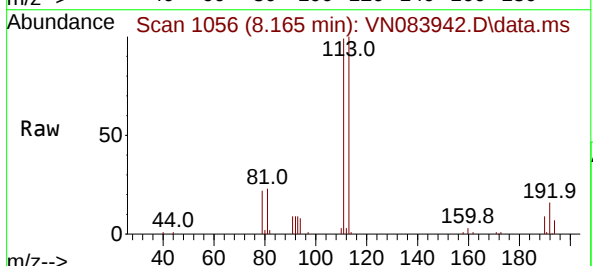
Tgt Ion:113 Resp: 85122

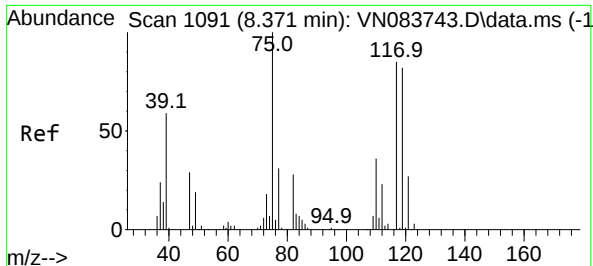
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

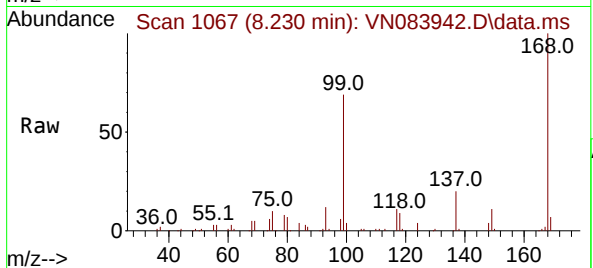
192 16.6 14.3 21.5



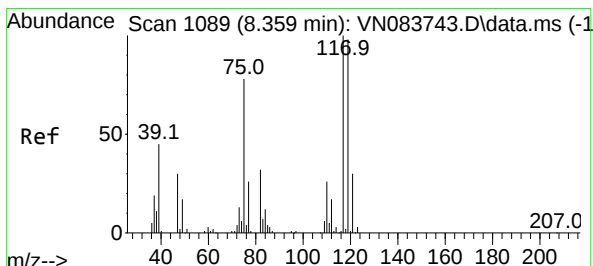
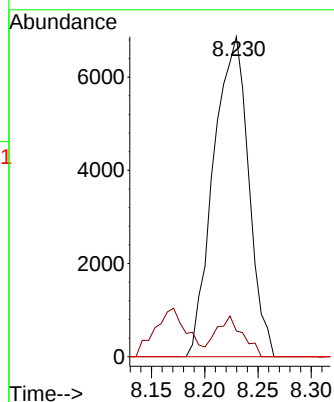
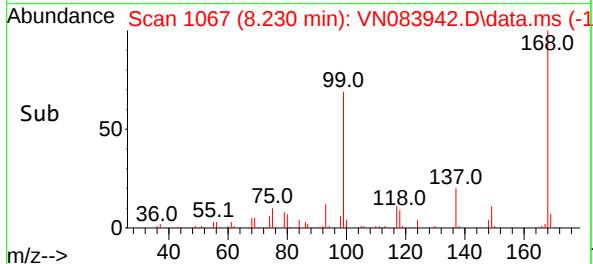


#36
1,1-Dichloropropene
Concen: 5.552 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

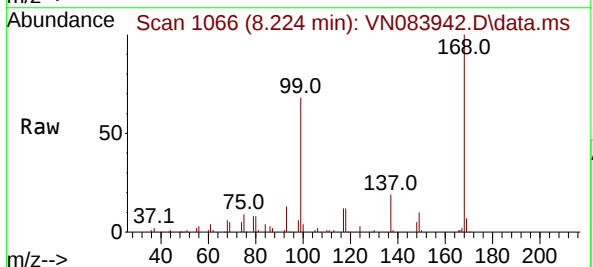
Instrument :
MSVOA_N
ClientSampleId :



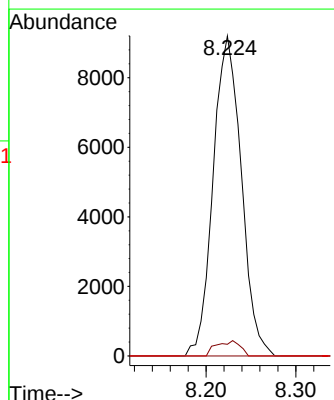
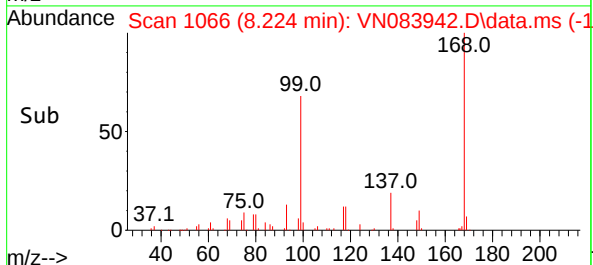
Tgt Ion: 75 Resp: 15718
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.1#
77 0.0 25.2 37.8#

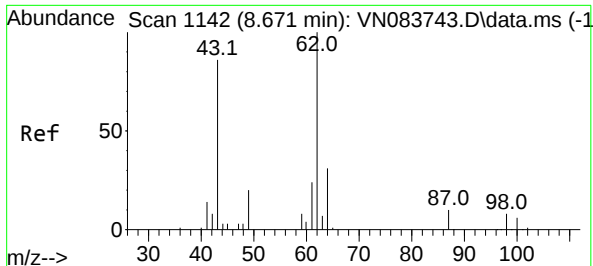


#38
Carbon Tetrachloride
Concen: 6.242 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53



Tgt Ion: 117 Resp: 20049
Ion Ratio Lower Upper
117 100
119 3.7 76.1 114.1#
121 0.0 24.1 36.1#





#42

1,2-Dichloroethane

Concen: 0.463 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN083942.D

Acq: 17 Sep 2024 13:53

Instrument :

MSVOA_N

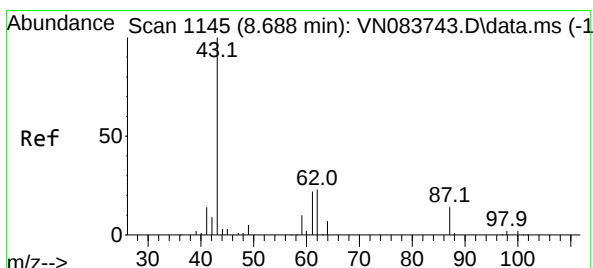
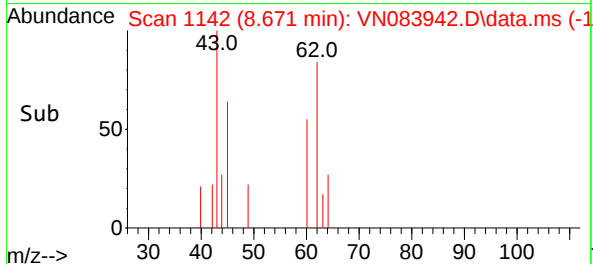
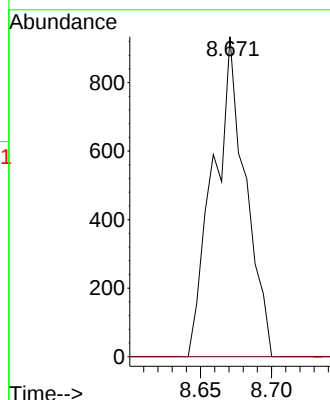
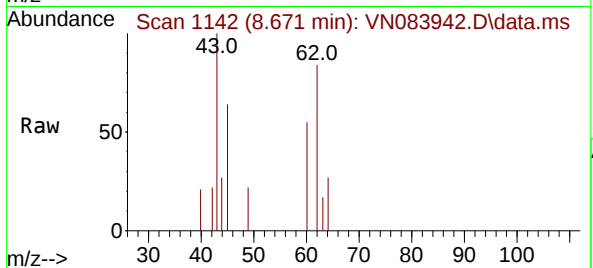
ClientSampleId :

Tgt Ion: 62 Resp: 1474

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6



#43

Isopropyl Acetate

Concen: 0.532 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.018 min

Lab File: VN083942.D

Acq: 17 Sep 2024 13:53

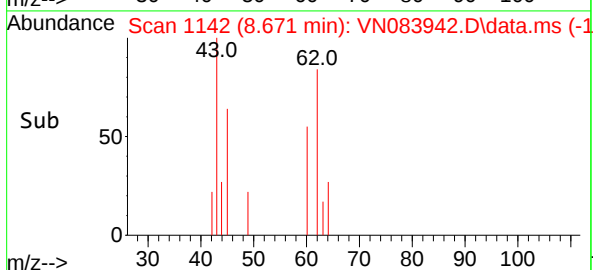
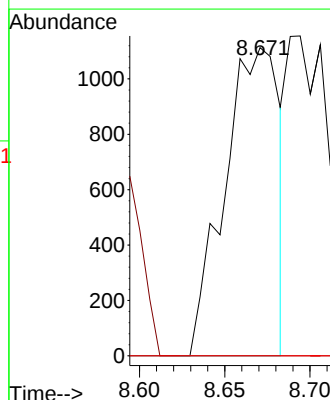
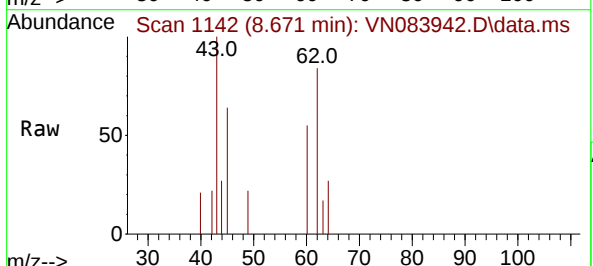
Tgt Ion: 43 Resp: 2477

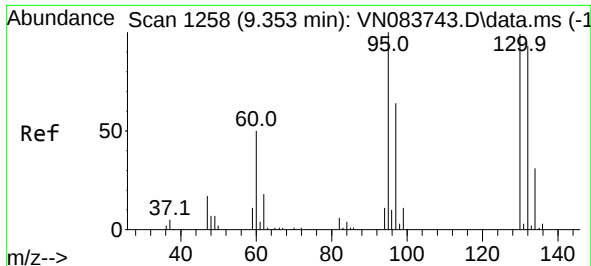
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

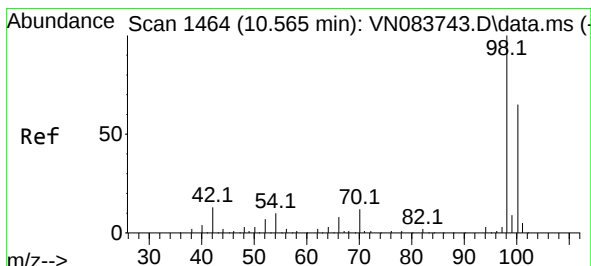
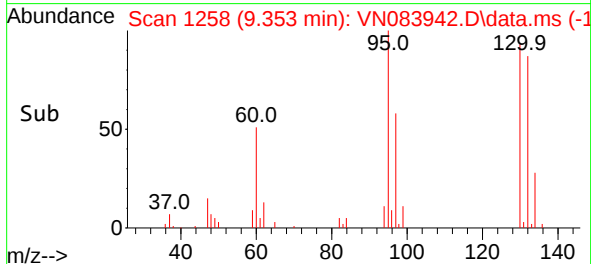
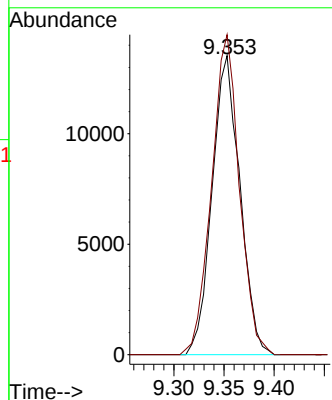
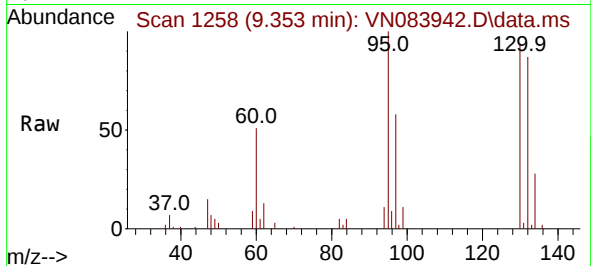




#44
Trichloroethene
Concen: 13.249 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

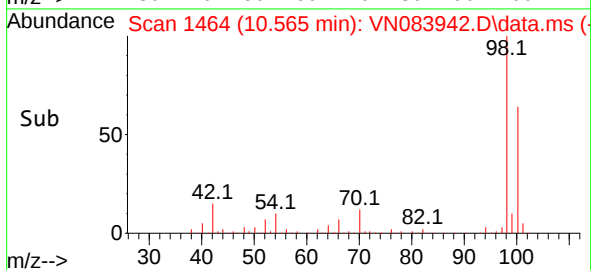
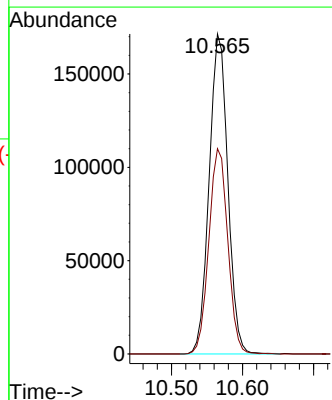
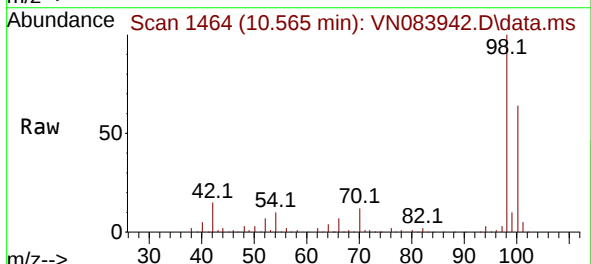
Instrument :
MSVOA_N
ClientSampleId :

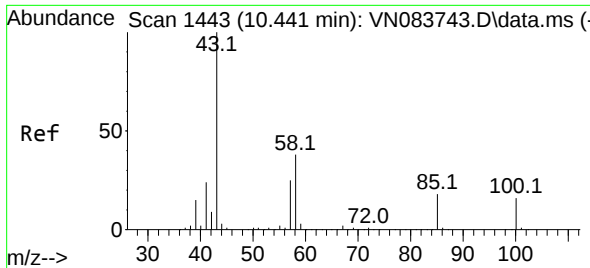
Tgt Ion:130 Resp: 26144
Ion Ratio Lower Upper
130 100
95 107.0 0.0 200.4



#50
Toluene-d8
Concen: 48.054 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Tgt Ion: 98 Resp: 312470
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

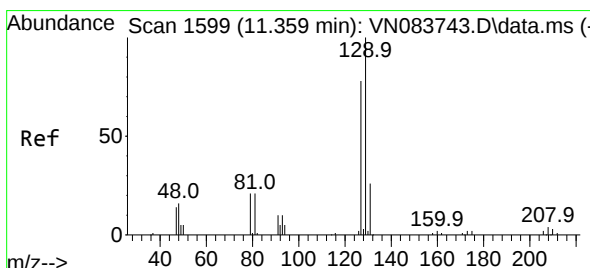
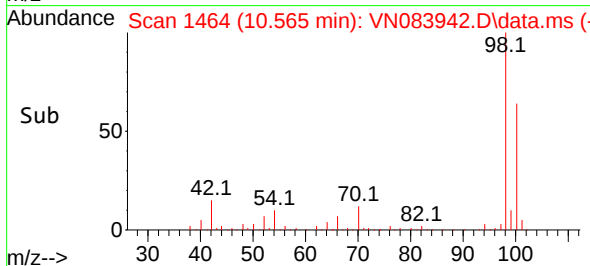
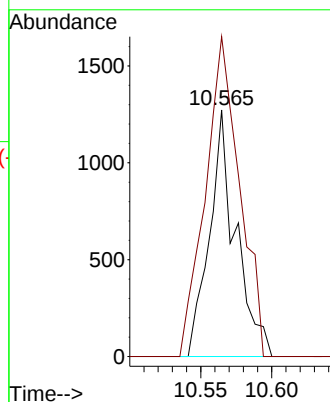
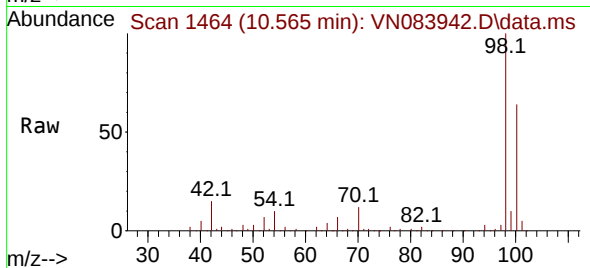




#51
4-Methyl-2-Pentanone
Concen: 0.645 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.124 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

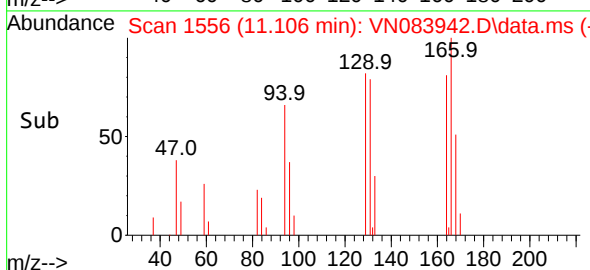
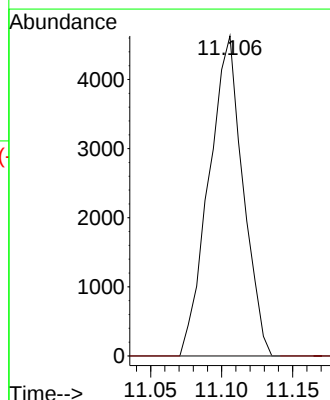
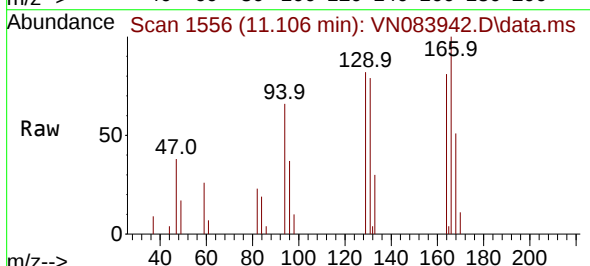
Instrument :
MSVOA_N
ClientSampleId :

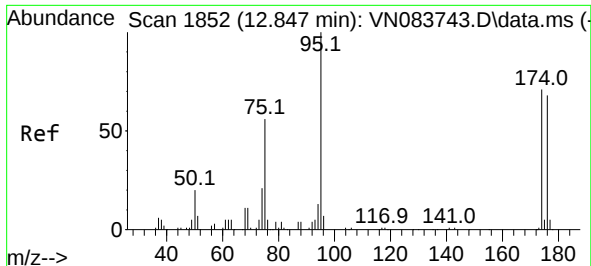
Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
58 169.3 31.6 47.4#



#60
Dibromochloromethane
Concen: 3.549 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Tgt Ion: 129 Resp: 7729
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

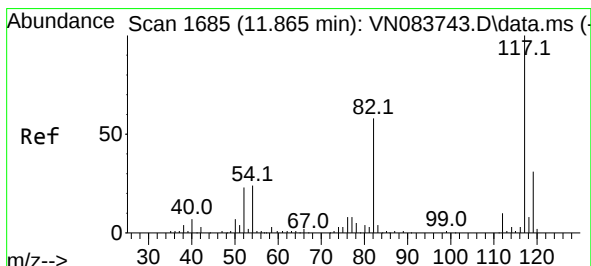
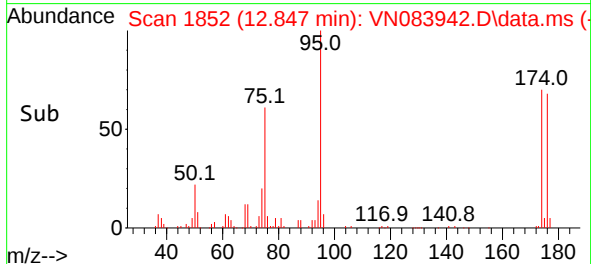
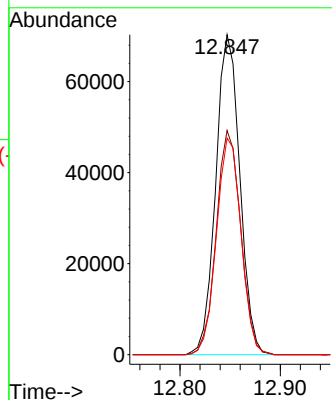
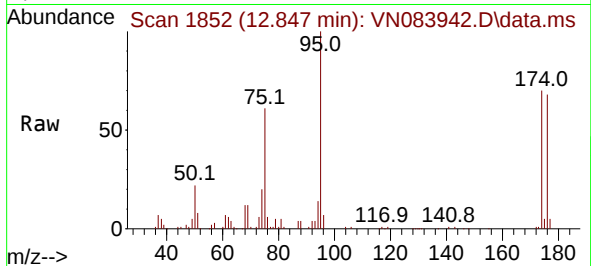




#62
4-Bromofluorobenzene
Concen: 43.684 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

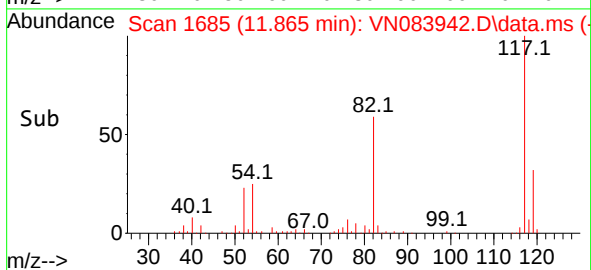
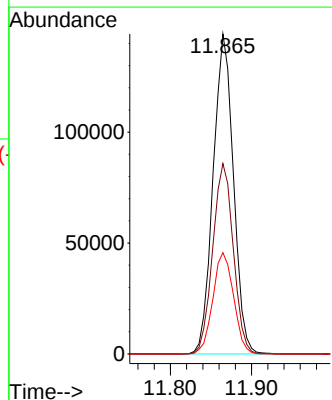
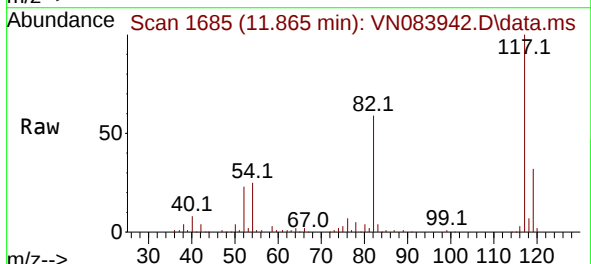
Instrument :
MSVOA_N
ClientSampleId :

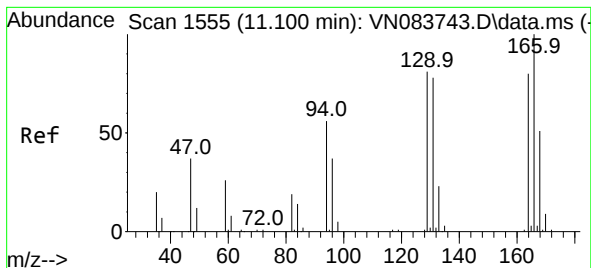
Tgt Ion: 95 Resp: 117194
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 69.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Tgt Ion: 117 Resp: 250330
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 31.6 26.3 39.5





#64

Tetrachloroethene

Concen: 4.945 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.000 min

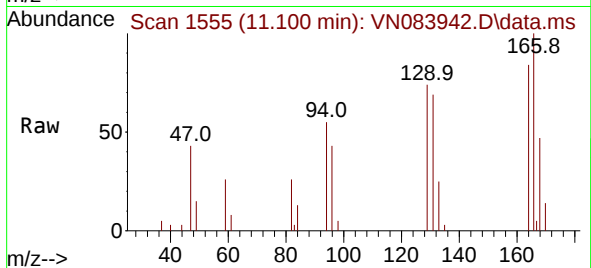
Lab File: VN083942.D

Acq: 17 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 8232

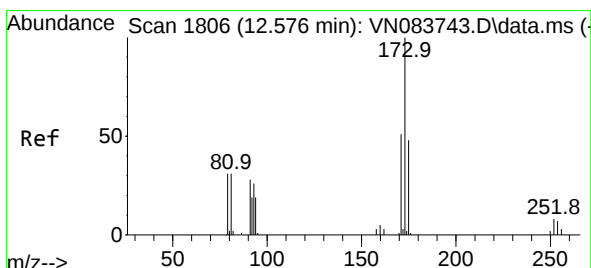
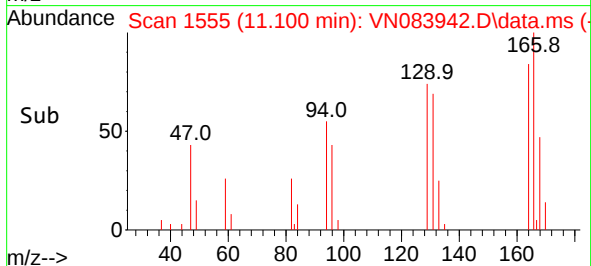
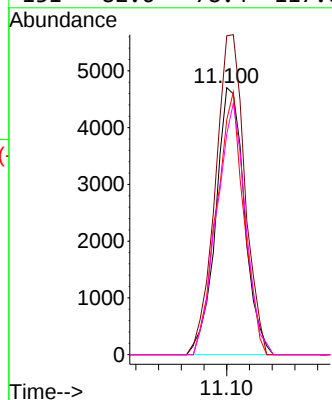
Ion Ratio Lower Upper

164 100

166 119.4 103.7 155.5

129 88.0 79.9 119.9

131 82.6 78.4 117.6



#71

Bromoform

Concen: 0.529 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN083942.D

Acq: 17 Sep 2024 13:53

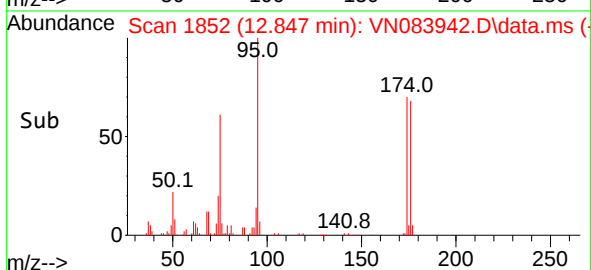
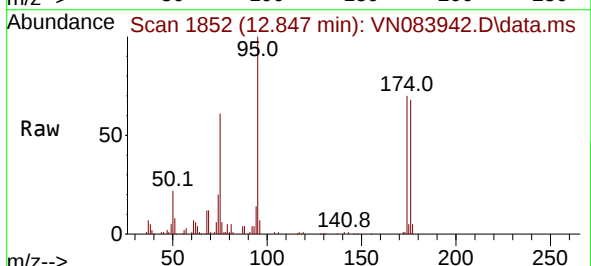
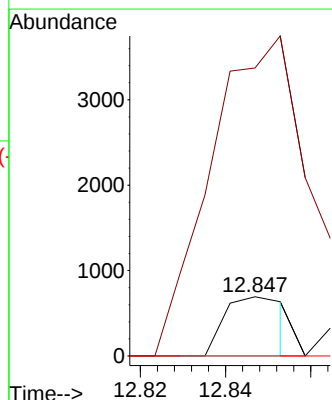
Tgt Ion:173 Resp: 688

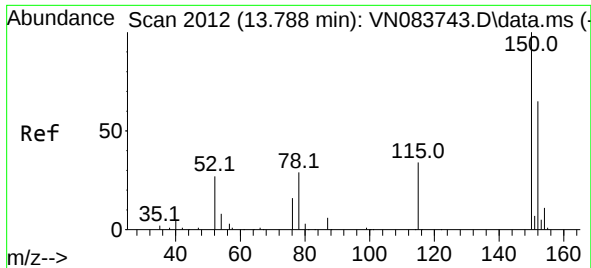
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0

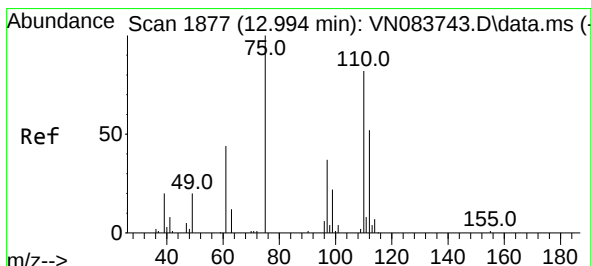
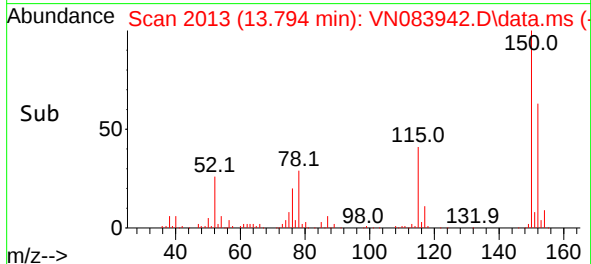
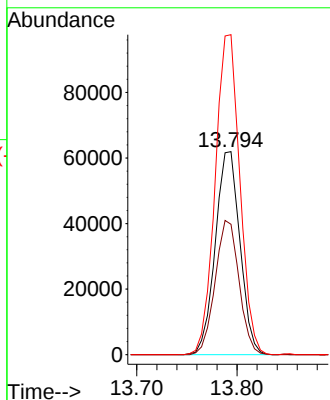
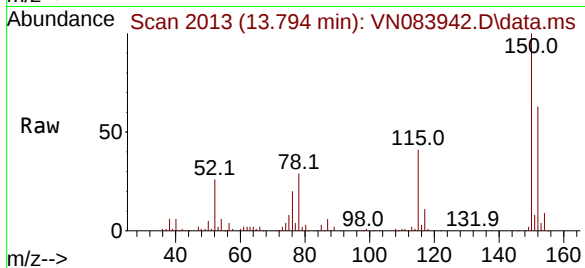




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083942.D
 Acq: 17 Sep 2024 13:53

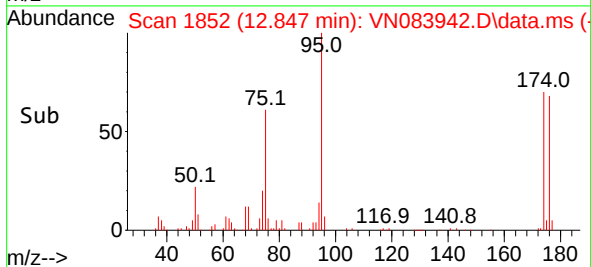
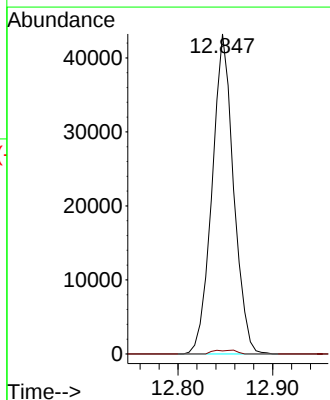
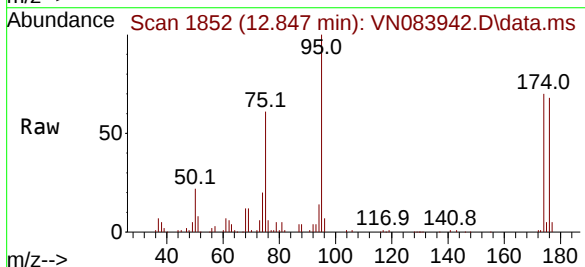
Instrument :
 MSVOA_N
 ClientSampleId :

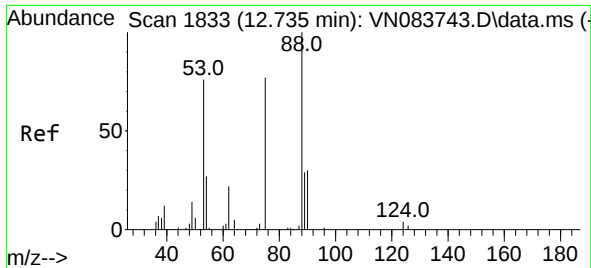
Tgt Ion:152 Resp: 105742
 Ion Ratio Lower Upper
 152 100
 115 64.0 32.2 96.6
 150 157.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.947 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083942.D
 Acq: 17 Sep 2024 13:53

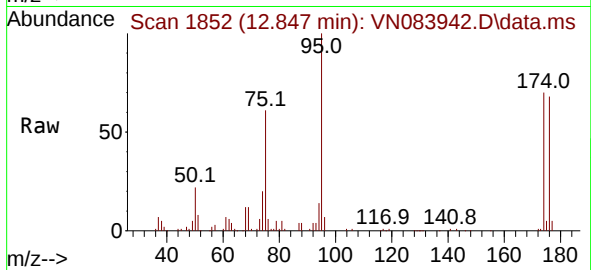
Tgt Ion: 75 Resp: 68165
 Ion Ratio Lower Upper
 75 100
 77 1.3 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.673 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 68165
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

