

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021744.D
 Acq On : 05 Jan 2022 20:33
 Operator : SY/VA
 Sample : M5342-08
 Misc : 5.06g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9-(10-15)

Quant Time: Jan 06 05:55:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

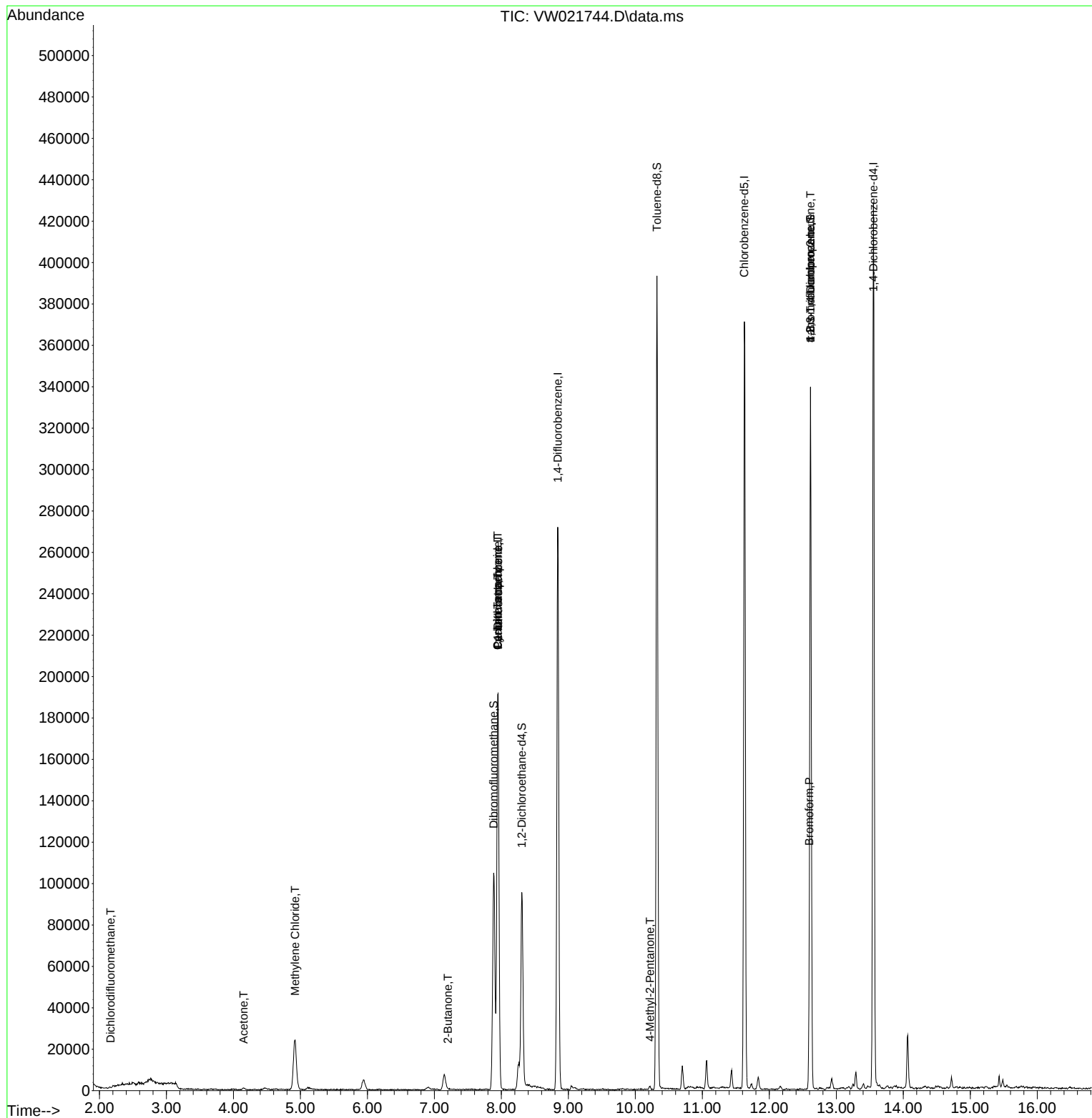
Internal Standards						
1) Pentafluorobenzene	7.951	168	152998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	244152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	223803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	117320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	74523	55.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.884	113	74313	48.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.800%
50) Toluene-d8	10.323	98	266336	48.427	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.615	95	99547	48.763	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.166	85	21	6.475	ug/l #	41
11) Tert butyl alcohol	5.244	59	181	Below Cal	#	84
13) Acrolein	3.787	56	19	Below Cal	#	54
16) Acetone	4.153	43	1465	5.753	ug/l	94
20) Methylene Chloride	4.921	84	19787	1.644	ug/l	91
25) 2-Butanone	7.201	43	338	1.034	ug/l #	88
31) Cyclohexane	7.945	56	3060	1.305	ug/l #	9
36) 1,1-Dichloropropene	7.945	75	10384	4.808	ug/l #	49
38) Carbon Tetrachloride	7.945	117	14716	6.308	ug/l #	20
51) 4-Methyl-2-Pentanone	10.219	43	1011	1.431	ug/l	95
71) Bromoform	12.597	173	20	4.323	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	50276	57.937	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	50276	164.384	ug/l #	9

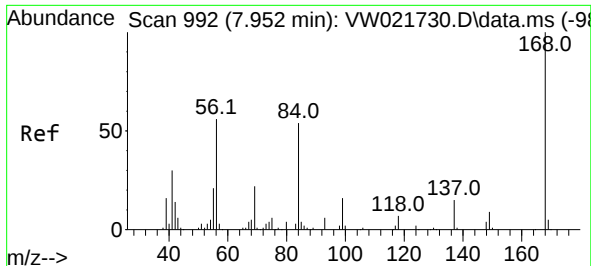
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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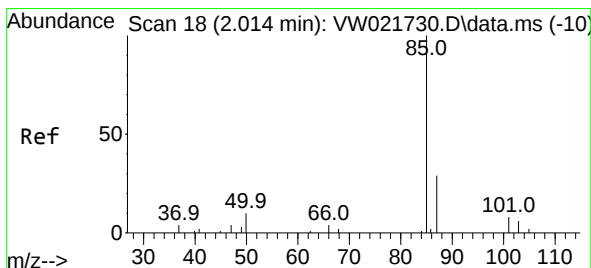
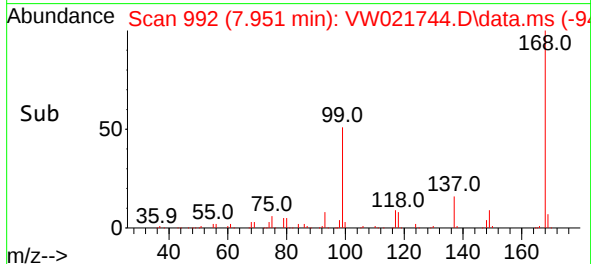
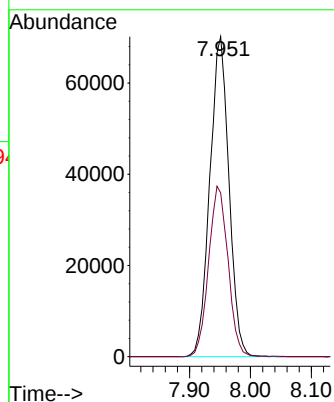
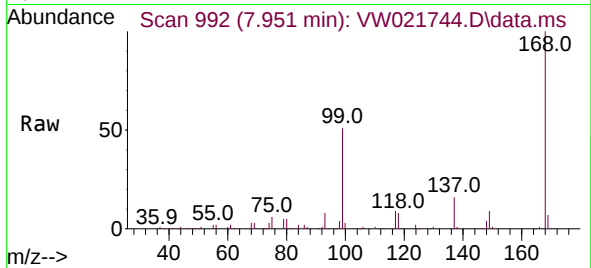




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

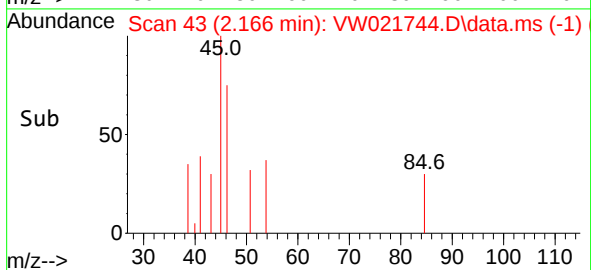
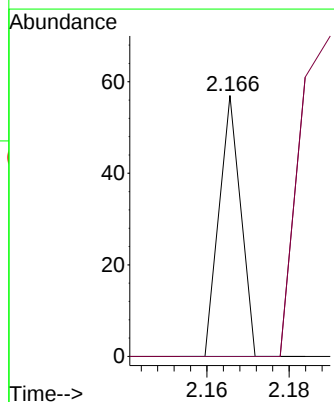
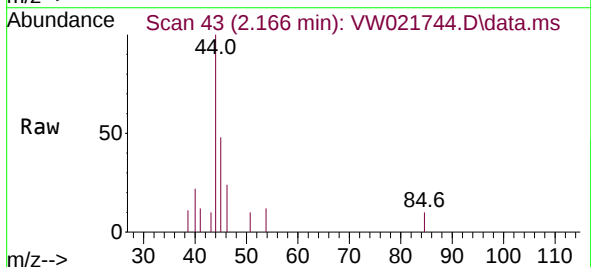
Instrument :
MSVOA_W
ClientSampleId :
SB-9-(10-15)

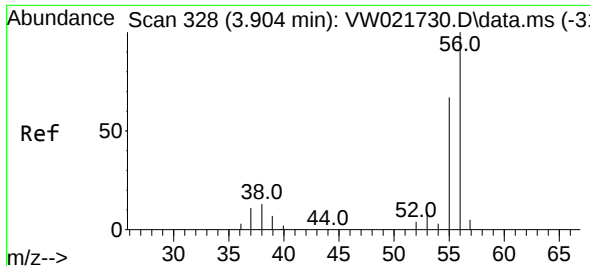
Tgt Ion:168 Resp: 152998
Ion Ratio Lower Upper
168 100
99 51.2 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 6.475 ug/l
RT: 2.166 min Scan# 43
Delta R.T. 0.159 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.3#





#13

Acrolein

Concen: Below Cal

RT: 3.787 min Scan# 309

Delta R.T. -0.104 min

Lab File: VW021744.D

Acq: 05 Jan 2022 20:33

Instrument :

MSVOA_W

ClientSampleId :

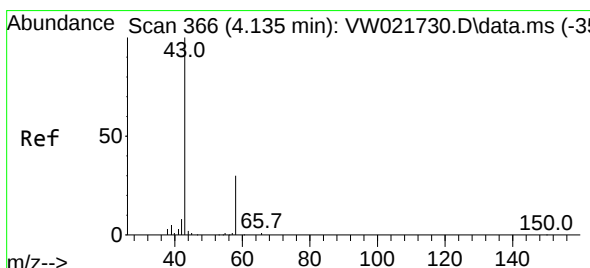
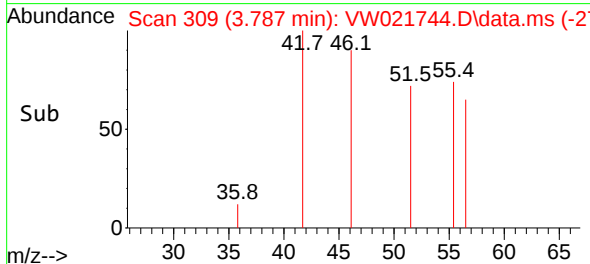
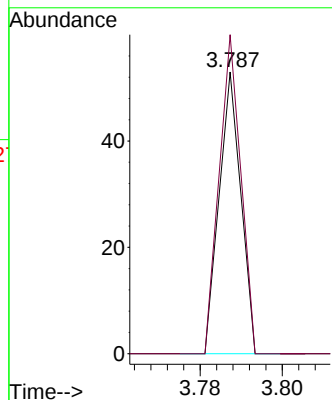
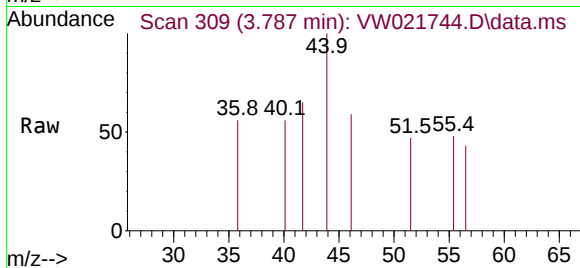
SB-9-(10-15)

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 115.8 61.2 91.8#



#16

Acetone

Concen: 5.753 ug/l

RT: 4.153 min Scan# 369

Delta R.T. 0.030 min

Lab File: VW021744.D

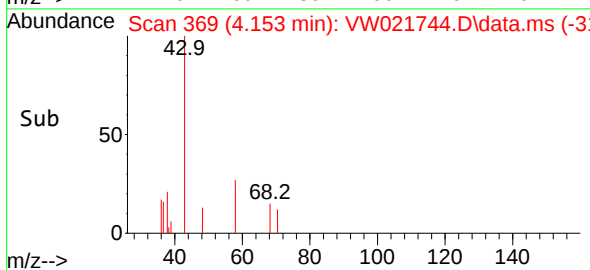
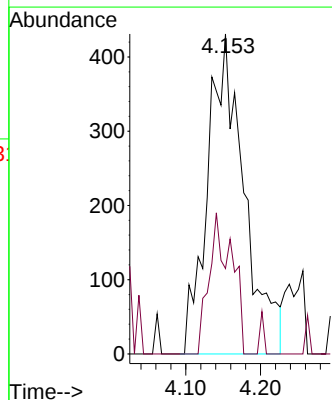
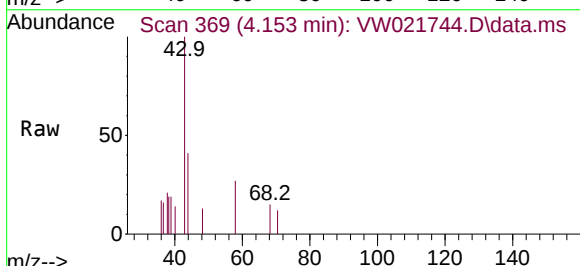
Acq: 05 Jan 2022 20:33

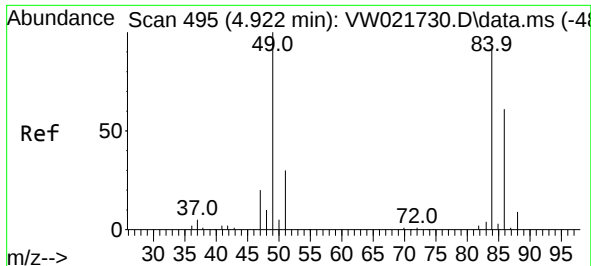
Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

43 100

58 26.7 24.2 36.2

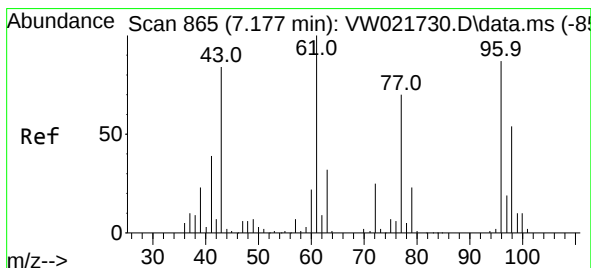
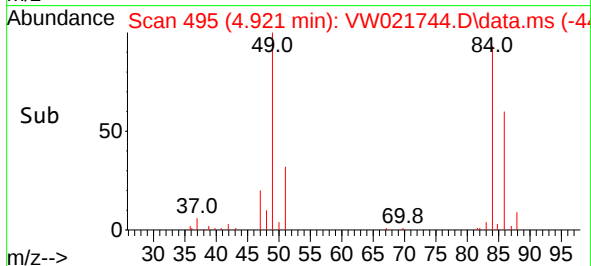
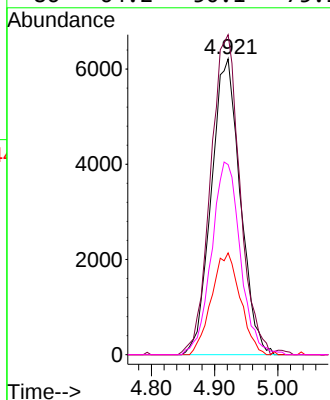
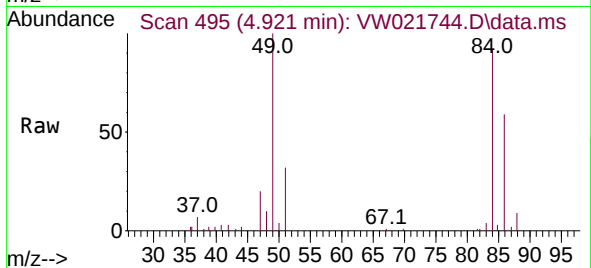




#20
Methylene Chloride
Concen: 1.644 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

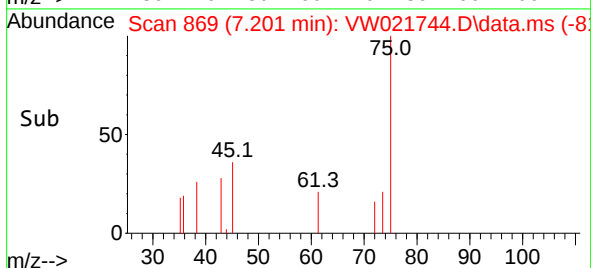
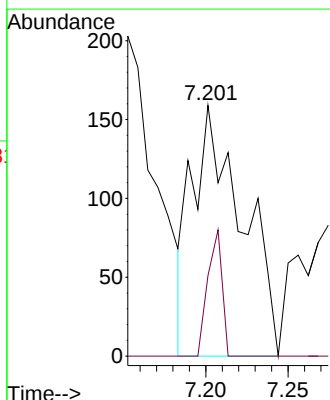
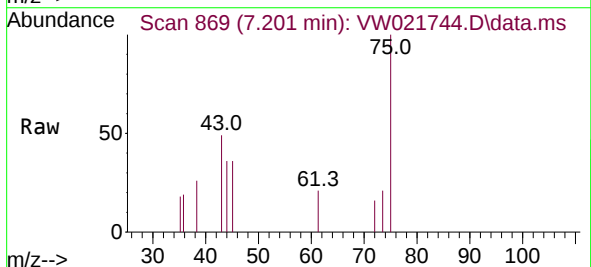
Instrument :
MSVOA_W
ClientSampleId :
SB-9-(10-15)

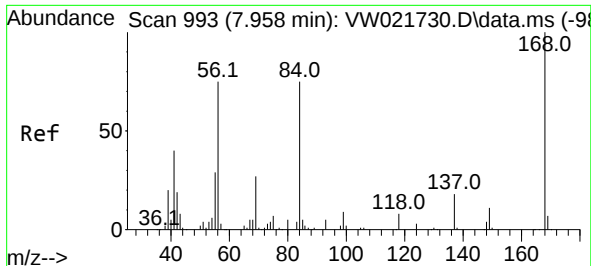
Tgt Ion: 84	Resp: 19787
Ion Ratio	Lower Upper
84 100	
49 108.2	99.1 148.7
51 34.4	28.8 43.2
86 64.2	50.1 75.1



#25
2-Butanone
Concen: 1.034 ug/l
RT: 7.201 min Scan# 869
Delta R.T. 0.030 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

Tgt Ion: 43	Resp: 338		
Ion Ratio	Lower	Upper	
43 100			
72 32.1	20.7	31.1#	

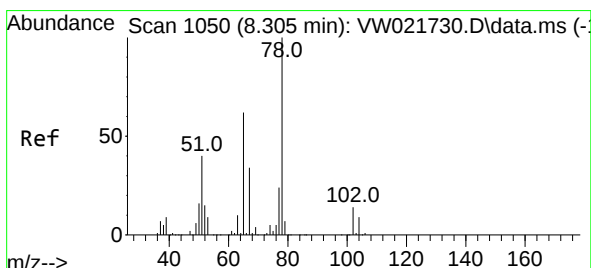
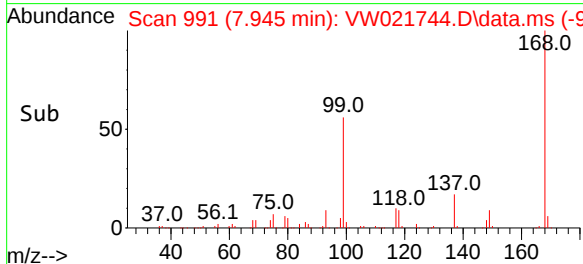
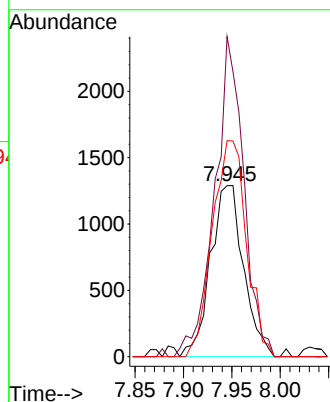
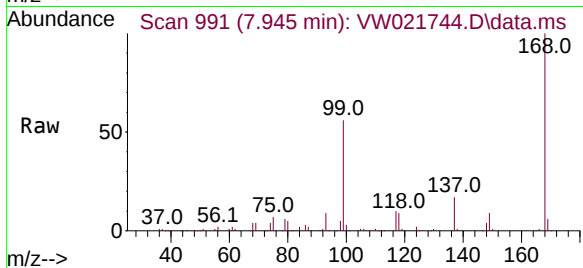




#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

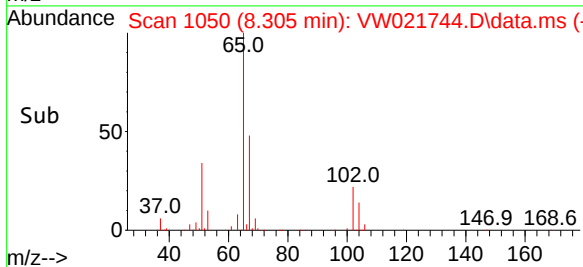
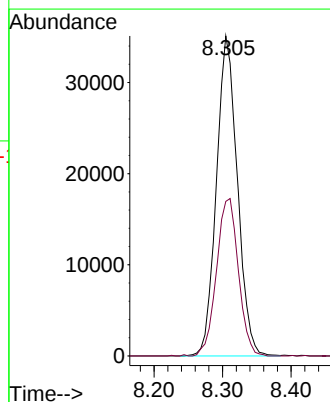
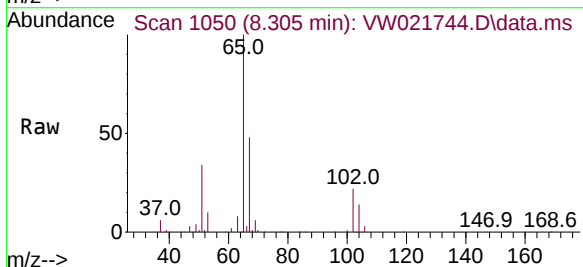
Instrument :
MSVOA_W
ClientSampleId :
SB-9-(10-15)

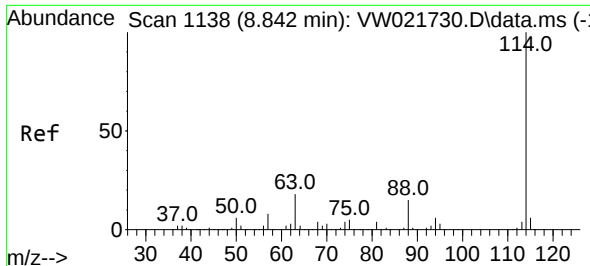
Tgt Ion: 56 Resp: 3060
Ion Ratio Lower Upper
56 100
69 187.0 28.7 43.1#
84 126.2 77.6 116.4#



#33
1,2-Dichloroethane-d4
Concen: 55.265 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

Tgt Ion: 65 Resp: 74523
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW021744.D

Acq: 05 Jan 2022 20:33

Instrument :

MSVOA_W

ClientSampleId :

SB-9-(10-15)

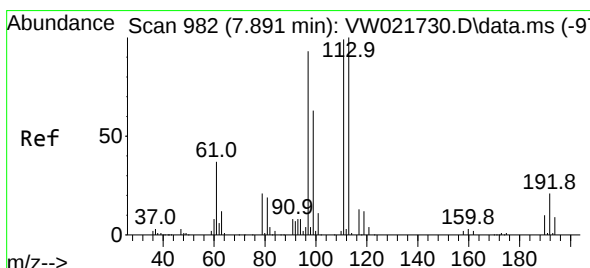
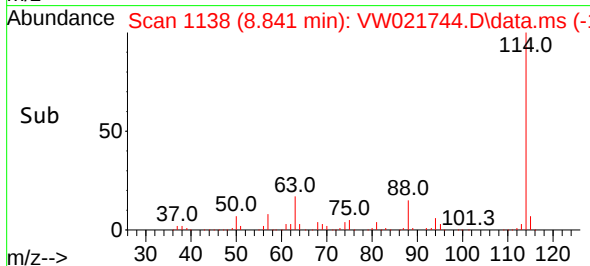
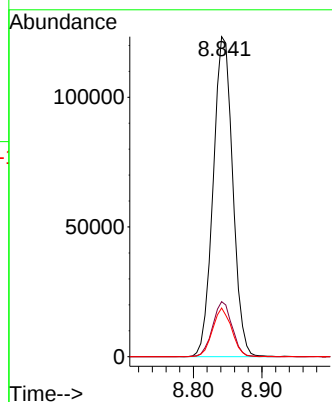
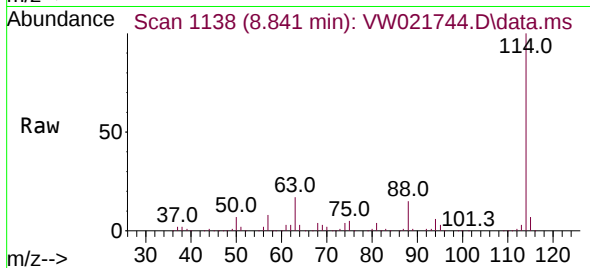
Tgt Ion:114 Resp: 244152

Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.2

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.904 ug/l

RT: 7.884 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW021744.D

Acq: 05 Jan 2022 20:33

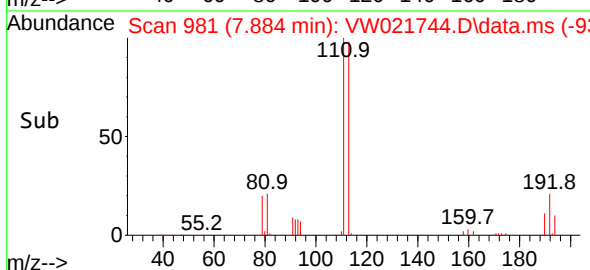
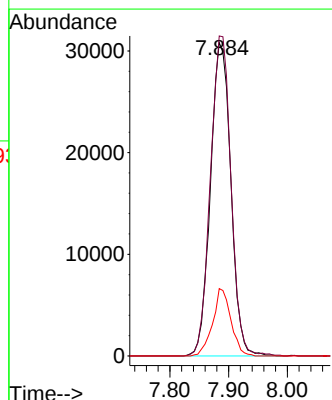
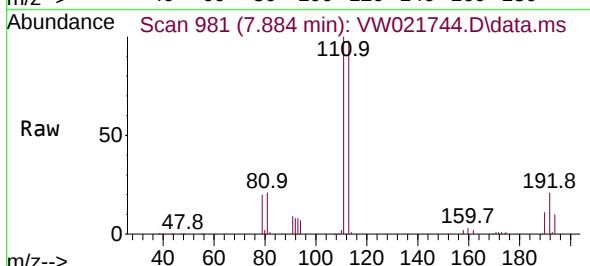
Tgt Ion:113 Resp: 74313

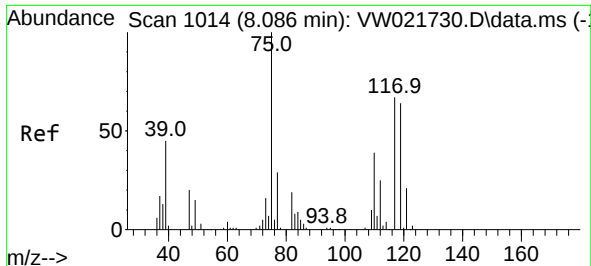
Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 19.3 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.808 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.141 min

Lab File: VW021744.D

Acq: 05 Jan 2022 20:33

Instrument :

MSVOA_W

ClientSampleId :

SB-9-(10-15)

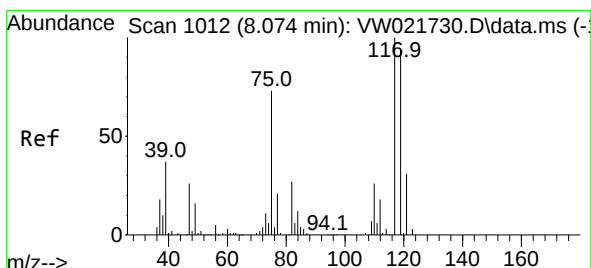
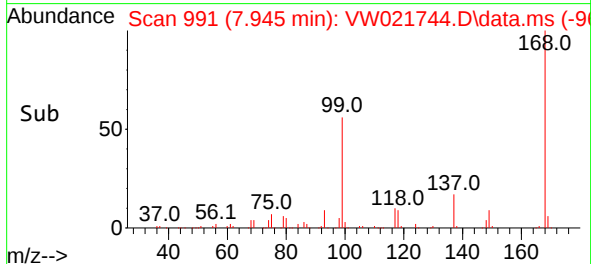
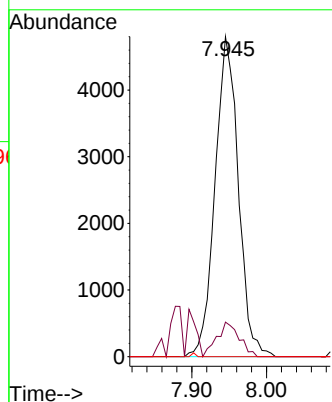
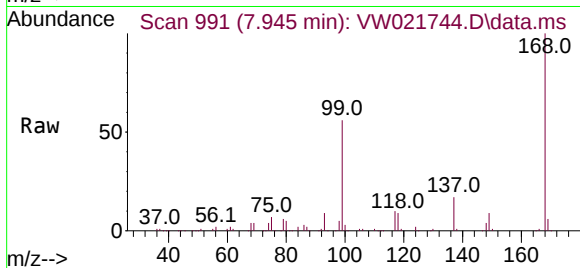
Tgt Ion: 75 Resp: 10384

Ion Ratio Lower Upper

75 100

110 10.4 19.1 57.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.308 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.122 min

Lab File: VW021744.D

Acq: 05 Jan 2022 20:33

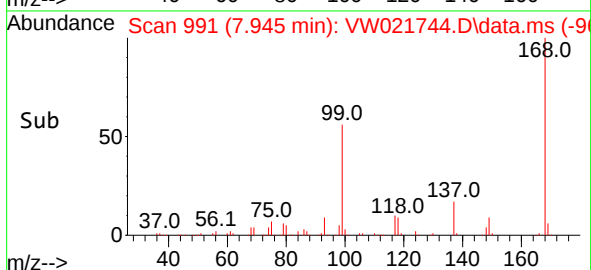
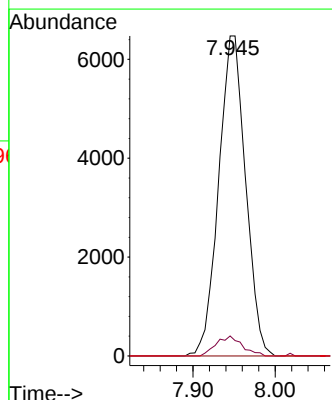
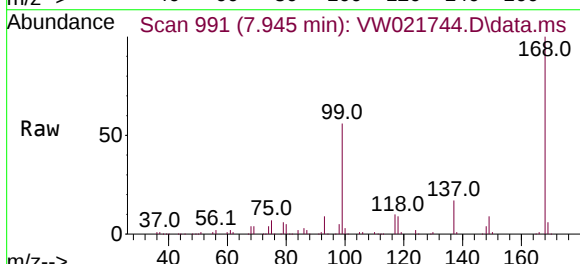
Tgt Ion: 117 Resp: 14716

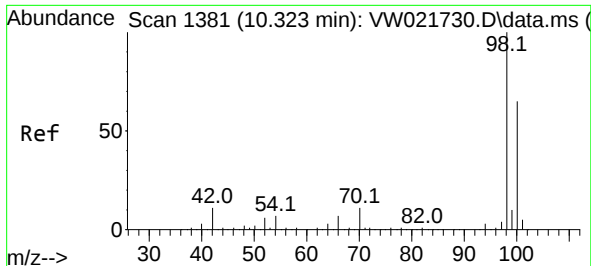
Ion Ratio Lower Upper

117 100

119 6.3 72.0 108.0#

121 0.0 22.6 33.8#

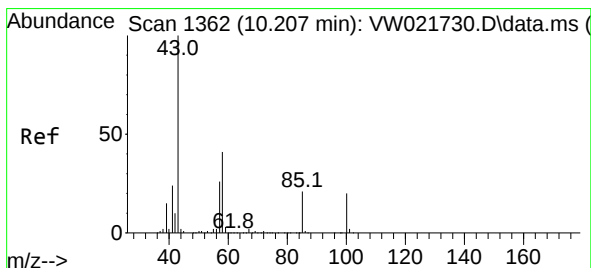
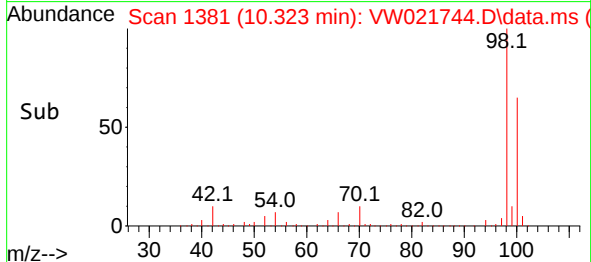
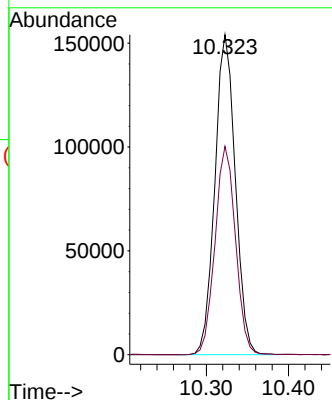
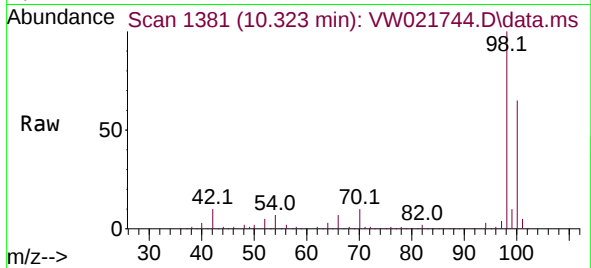




#50
Toluene-d8
Concen: 48.427 ug/l
RT: 10.323 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

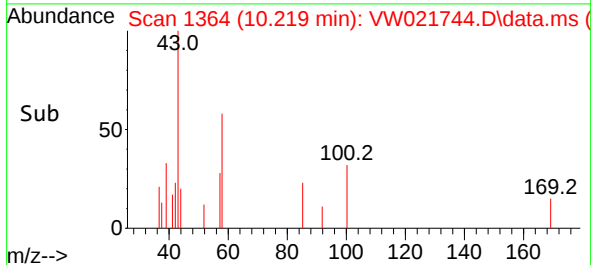
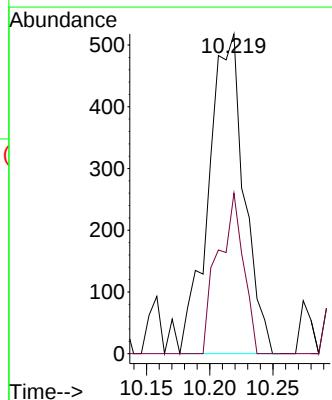
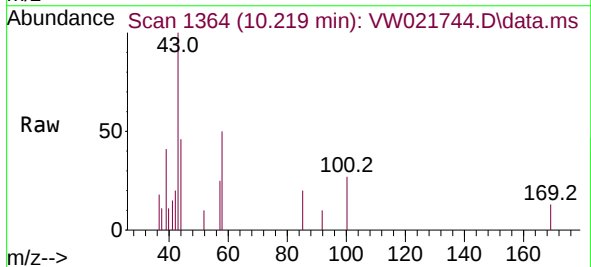
Instrument :
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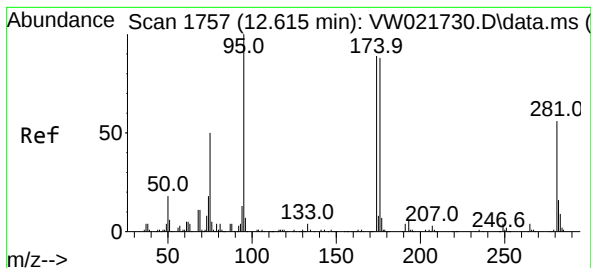
Tgt Ion: 98 Resp: 266336
Ion Ratio Lower Upper
98 100
100 65.2 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 1.431 ug/l
RT: 10.219 min Scan# 1364
Delta R.T. 0.012 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 35.7 30.9 46.3

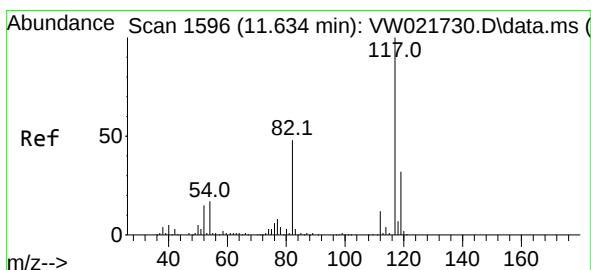
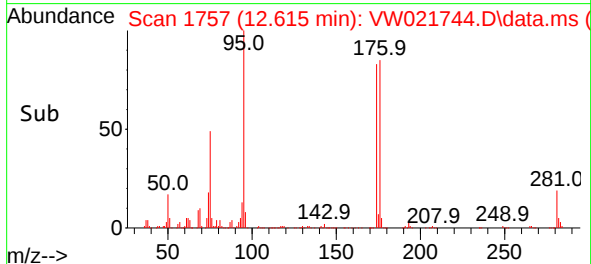
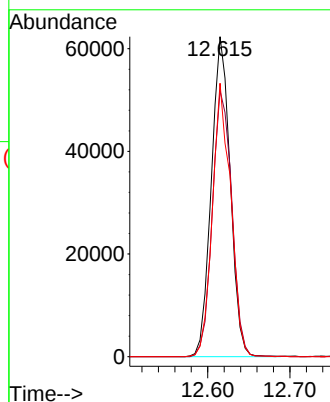
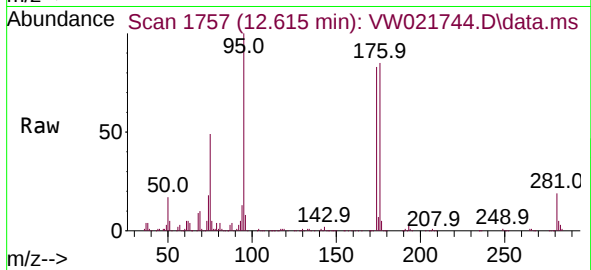




#62
4-Bromofluorobenzene
Concen: 48.763 ug/l
RT: 12.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

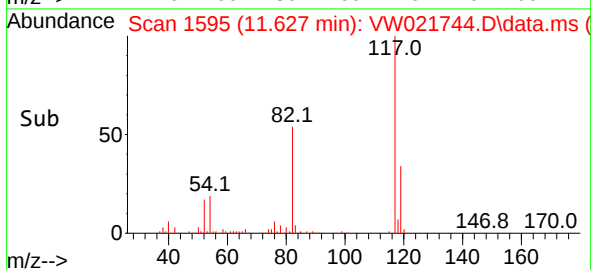
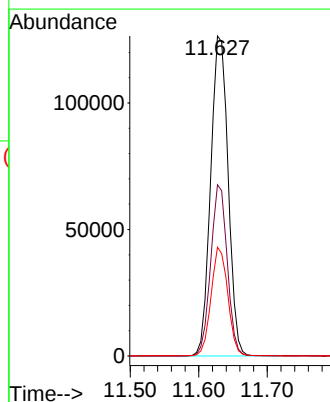
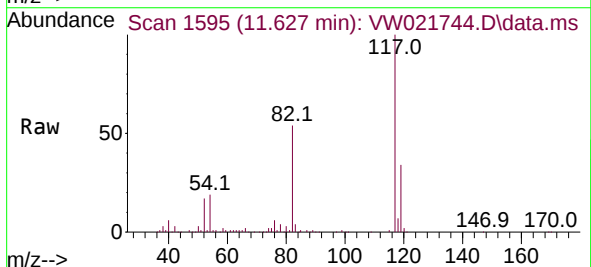
Instrument :
MSVOA_W
ClientSampleId :
SB-9-(10-15)

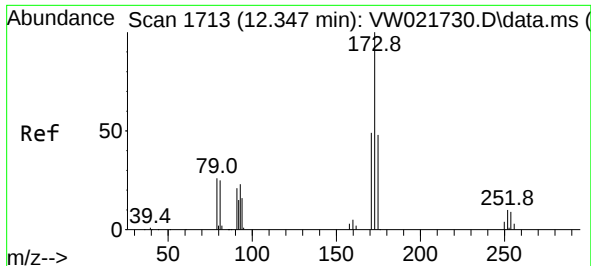
Tgt Ion: 95 Resp: 99547
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.2
176 83.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.627 min Scan# 1595
Delta R.T. -0.001 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

Tgt Ion:117 Resp: 223803
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.2
119 33.9 27.2 40.8

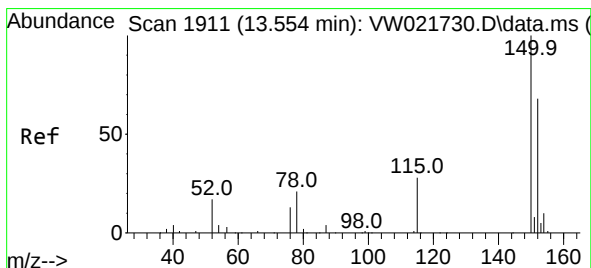
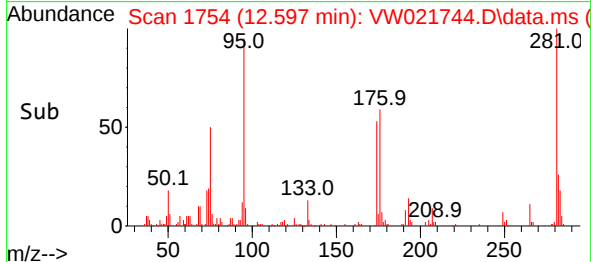
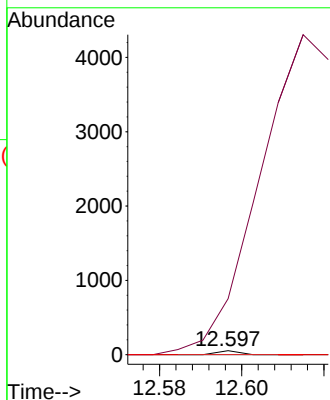
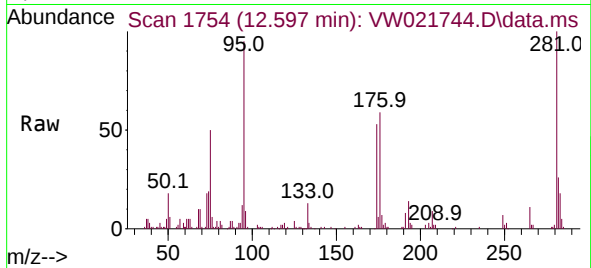




#71
Bromoform
Concen: 4.323 ug/l
RT: 12.597 min Scan# 1713
Delta R.T. 0.250 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

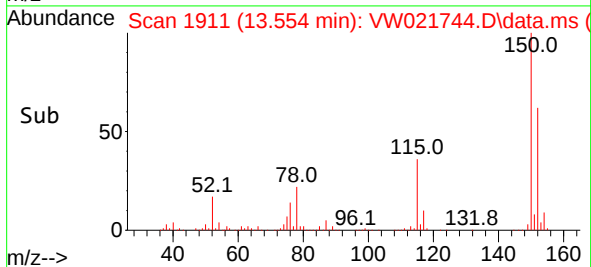
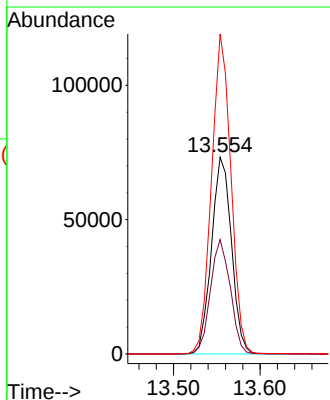
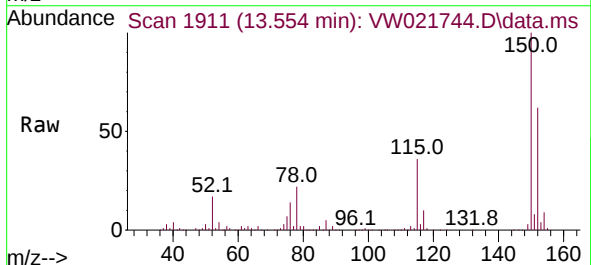
Instrument :
MSVOA_W
ClientSampleId :
SB-9-(10-15)

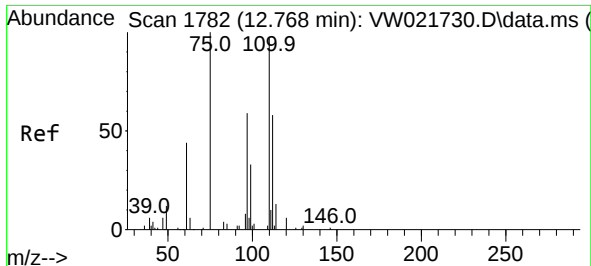
Tgt Ion:173 Resp: 20
Ion Ratio Lower Upper
173 100
175 26950.0 25.1 75.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

Tgt Ion:152 Resp: 117320
Ion Ratio Lower Upper
152 100
115 57.6 27.8 83.3
150 158.2 0.0 348.4

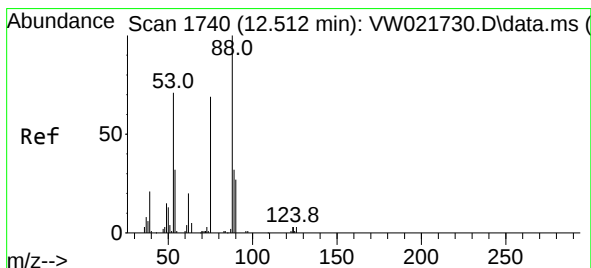
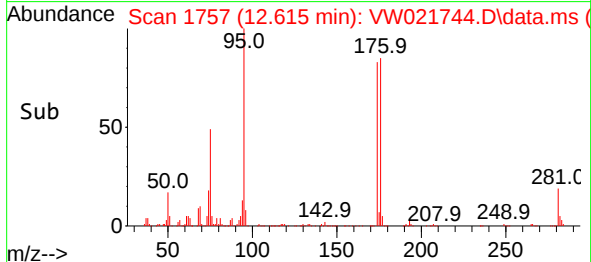
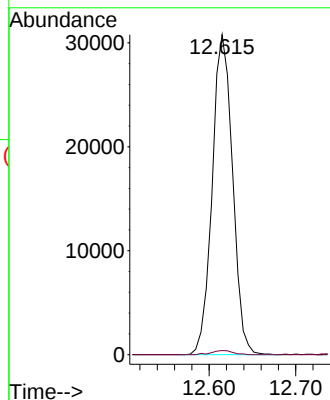
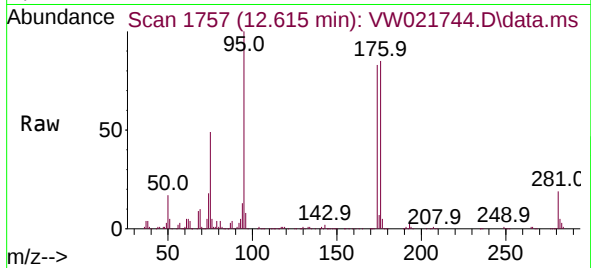




#76
1,2,3-Trichloropropane
Concen: 57.937 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

Instrument :
MSVOA_W
ClientSampleId :
SB-9-(10-15)

Tgt Ion: 75 Resp: 50276
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 164.384 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW021744.D
Acq: 05 Jan 2022 20:33

Tgt Ion: 75 Resp: 50276
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8#
89 0.3 38.6 57.8#

