

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020864.D
 Acq On : 12 Nov 2021 19:34
 Operator : SY/VA
 Sample : M4595-06
 Misc : 6.06g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:11:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

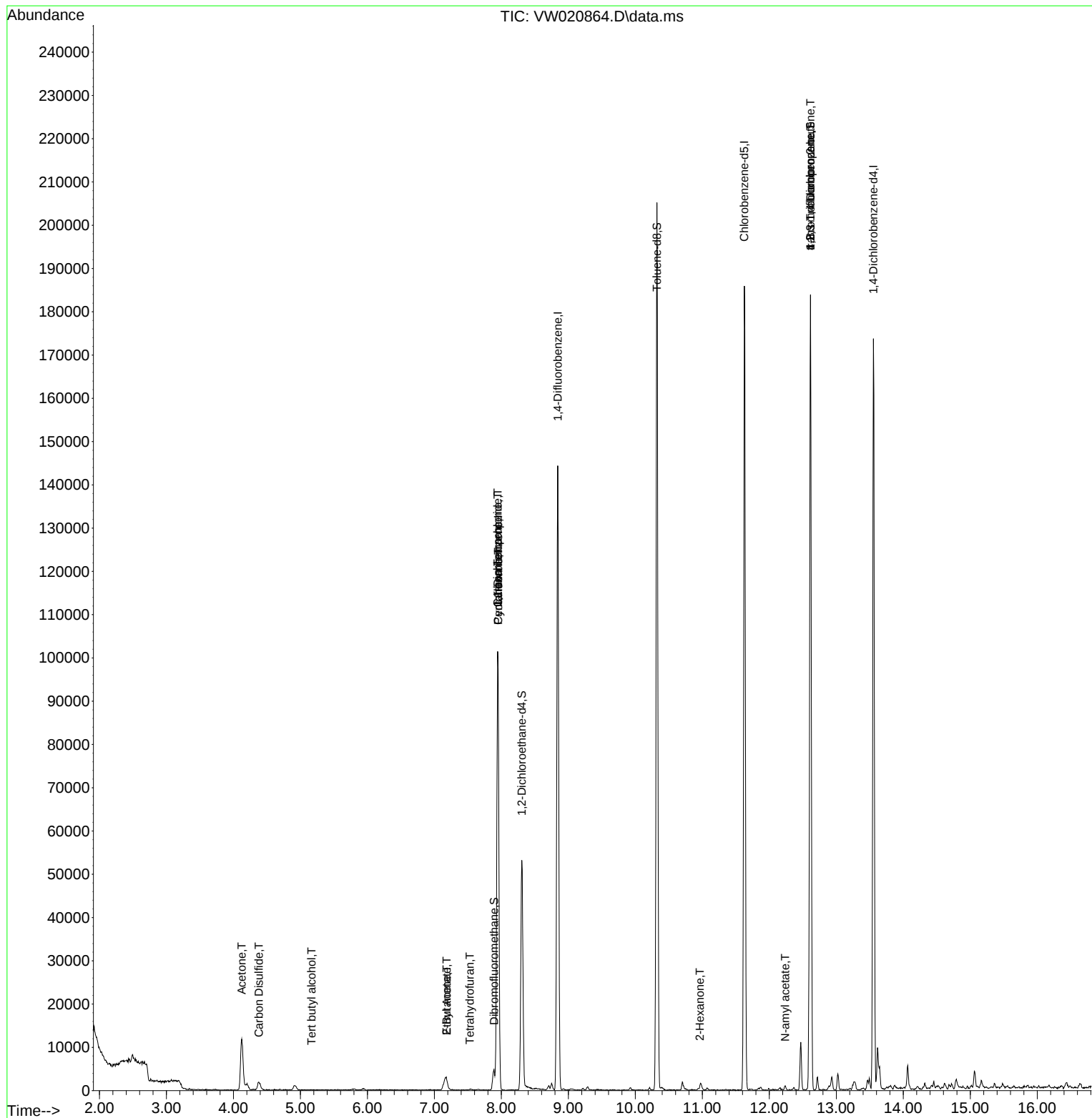
Internal Standards						
1) Pentafluorobenzene	7.951	168	81782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	121508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	103035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	46490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	41556	61.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.900%			
35) Dibromofluoromethane	7.890	113	3417	5.030	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.060%#			
50) Toluene-d8	10.323	98	133091	50.077	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.615	95	46762	48.768	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.540%			
Target Compounds						Qvalue
5) Bromomethane	2.763	94	255	Below Cal		95
11) Tert butyl alcohol	5.165	59	70	1.505 ug/l #		84
16) Acetone	4.123	43	20899	130.397 ug/l		99
17) Carbon Disulfide	4.379	76	3939	2.432 ug/l #		94
20) Methylene Chloride	4.903	84	900	Below Cal #		72
25) 2-Butanone	7.183	43	4588	20.305 ug/l #		90
29) Tetrahydrofuran	7.531	42	222	1.576 ug/l #		41
31) Cyclohexane	7.951	56	1509	1.244 ug/l #		4
36) 1,1-Dichloropropene	7.945	75	5485	5.461 ug/l #		52
37) Ethyl Acetate	7.183	43	4588	9.462 ug/l #		70
38) Carbon Tetrachloride	7.945	117	7522	7.150 ug/l #		18
59) 2-Hexanone	10.963	43	570	1.586 ug/l		78
74) N-amyl acetate	12.237	43	850	1.227 ug/l #		45
76) 1,2,3-Trichloropropane	12.615	75	24440	68.373 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.615	75	24440	134.586 ug/l #		8

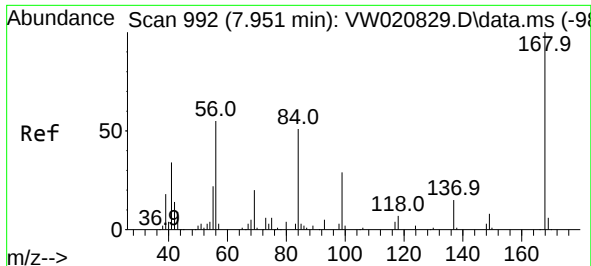
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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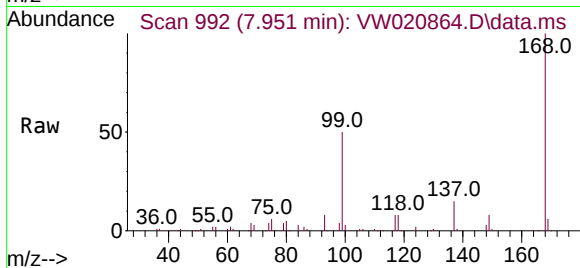
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



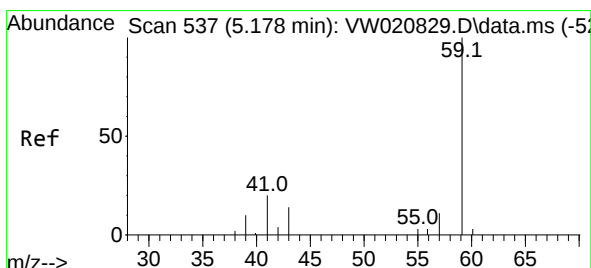
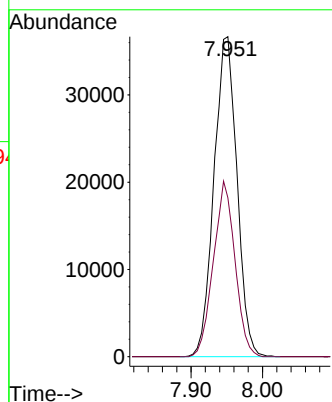
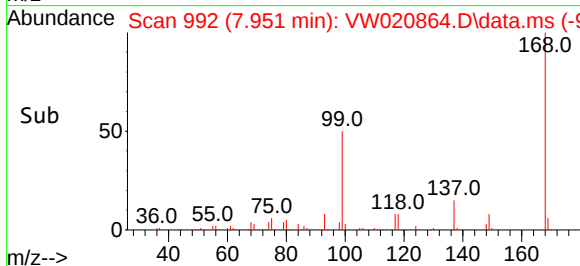


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

Instrument :
MSVOA_W
ClientSampleId :

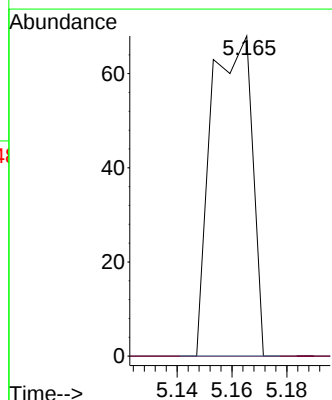
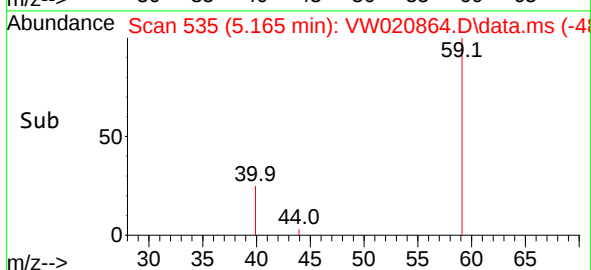
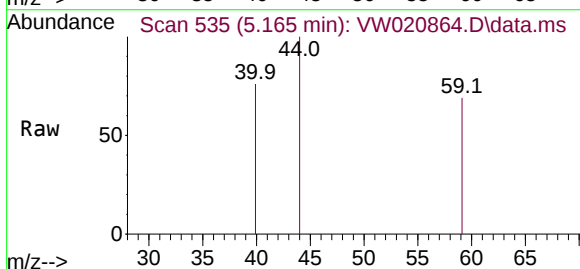


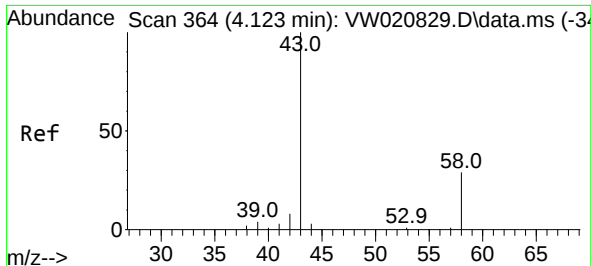
Tgt Ion:168 Resp: 81782
Ion Ratio Lower Upper
168 100
99 49.6 45.4 68.0



#11
Tert butyl alcohol
Concen: 1.505 ug/l
RT: 5.165 min Scan# 535
Delta R.T. -0.013 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

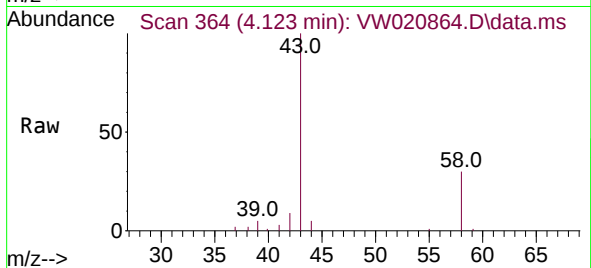
Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#



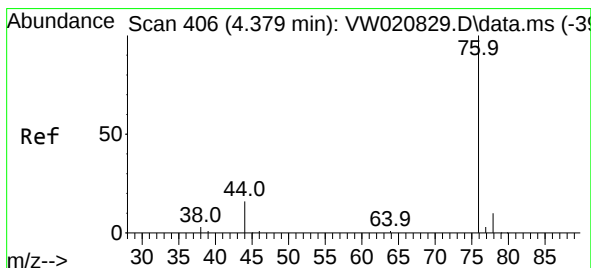
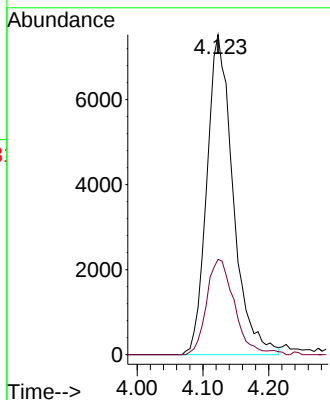
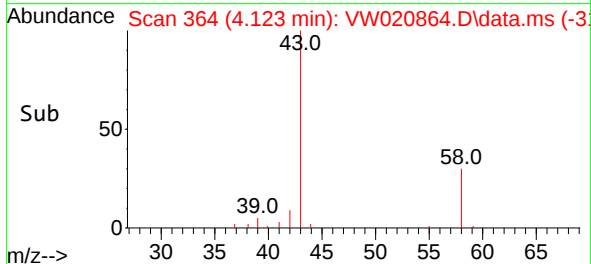


#16
Acetone
Concen: 130.397 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

Instrument :
MSVOA_W
ClientSampleId :

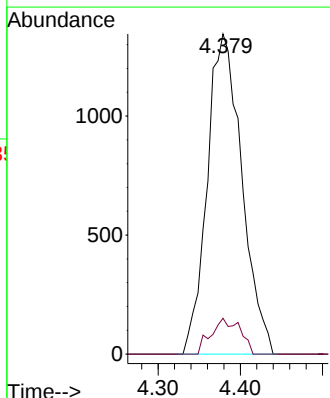
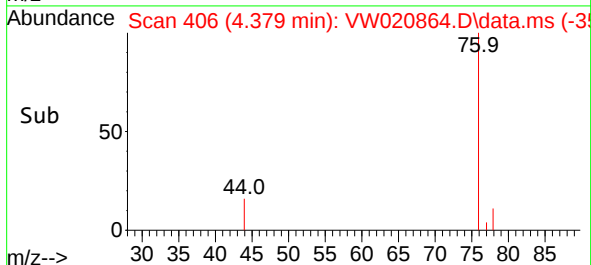
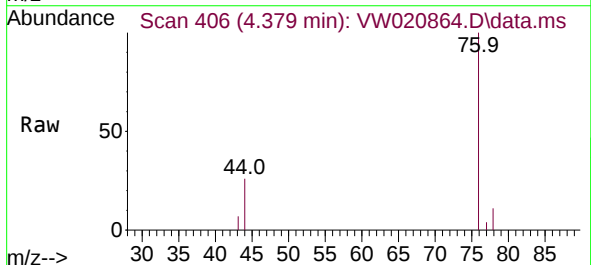


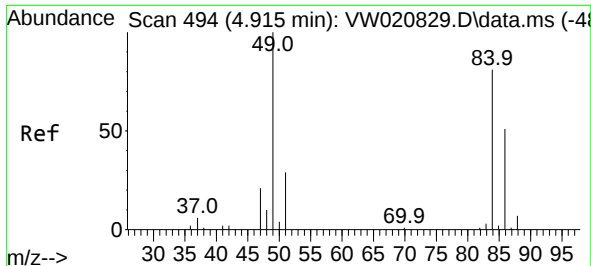
Tgt Ion: 43 Resp: 20899
Ion Ratio Lower Upper
43 100
58 29.8 24.2 36.2



#17
Carbon Disulfide
Concen: 2.432 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

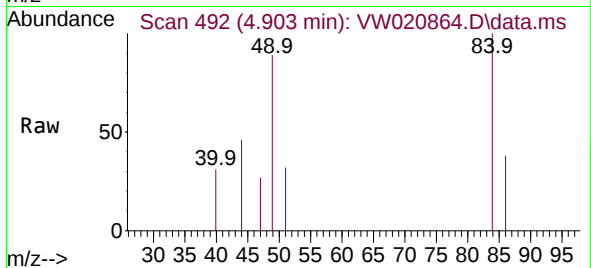
Tgt Ion: 76 Resp: 3939
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#





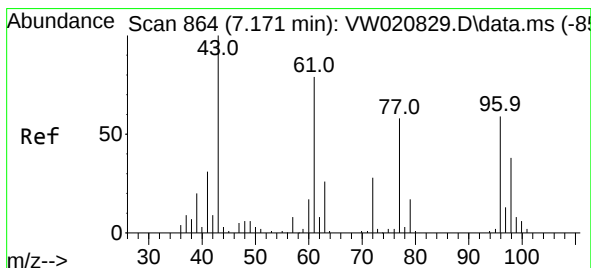
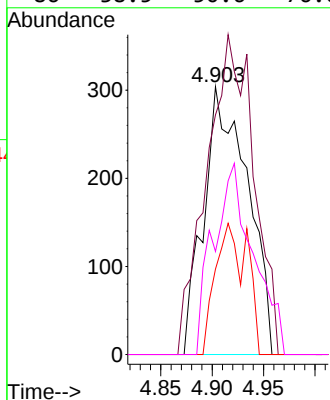
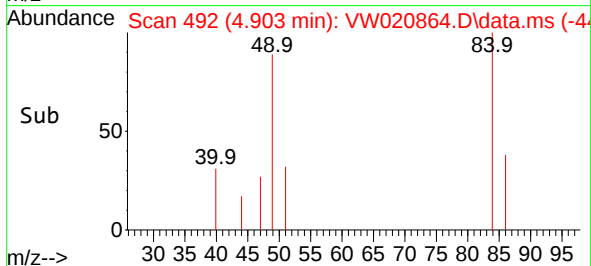
#20
Methylene Chloride
Concen: Below Cal
RT: 4.903 min Scan# 492
Delta R.T. -0.012 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 900

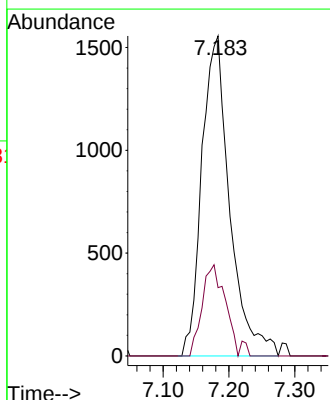
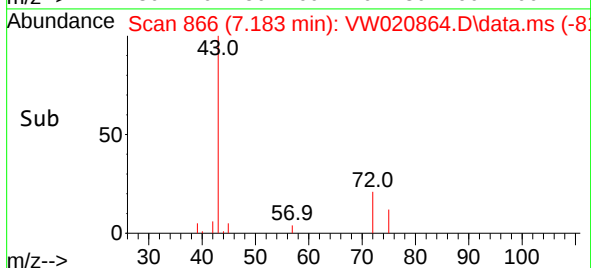
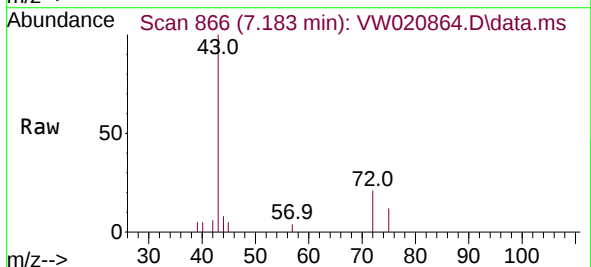
Ion	Ratio	Lower	Upper
84	100		
49	89.5	100.0	150.0#
51	31.9	30.8	46.2
86	38.5	50.6	76.0#

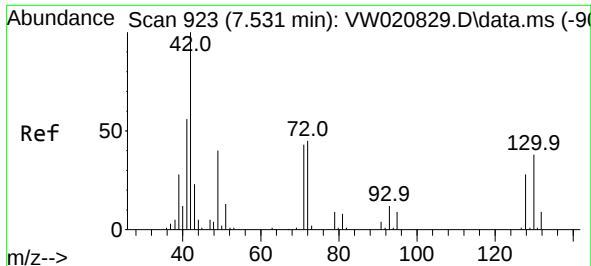


#25
2-Butanone
Concen: 20.305 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

Tgt Ion: 43 Resp: 4588

Ion	Ratio	Lower	Upper
43	100		
72	21.3	21.4	32.0#





#29

Tetrahydrofuran

Concen: 1.576 ug/l

RT: 7.531 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW020864.D

Acq: 12 Nov 2021 19:34

Instrument :

MSVOA_W

ClientSampleId :

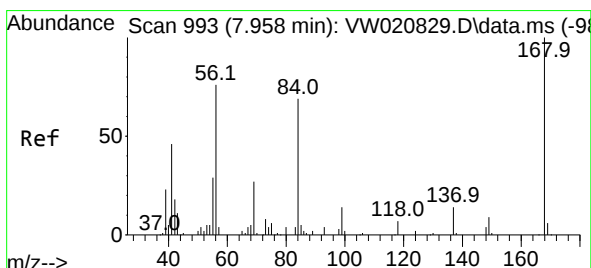
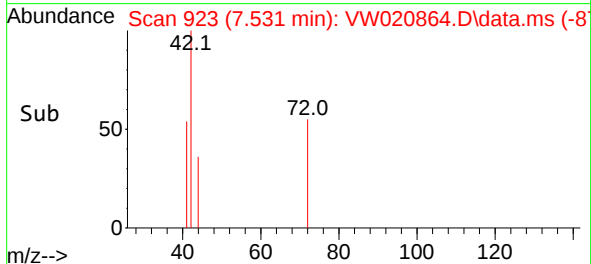
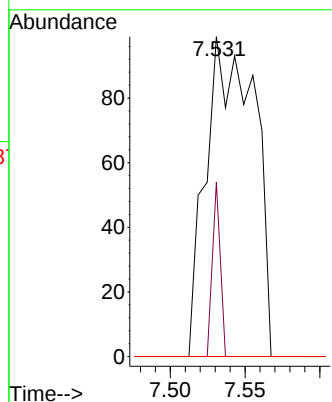
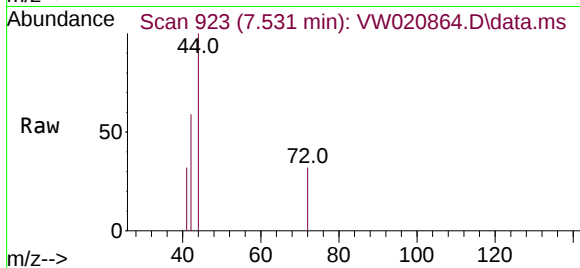
Tgt Ion: 42 Resp: 222

Ion Ratio Lower Upper

42 100

72 9.0 35.0 52.6#

71 0.0 32.2 48.4#



#31

Cyclohexane

Concen: 1.244 ug/l

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW020864.D

Acq: 12 Nov 2021 19:34

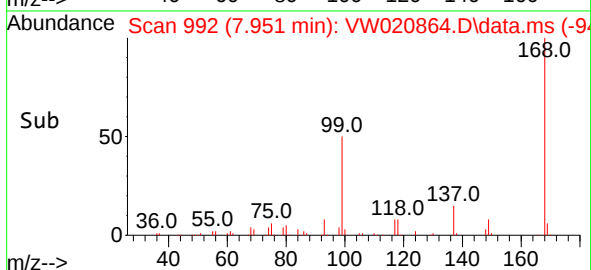
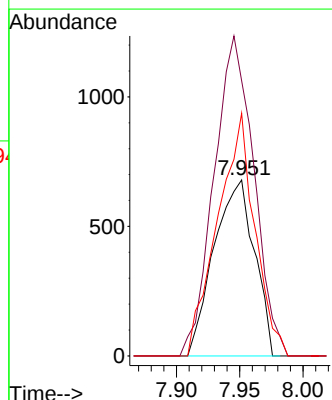
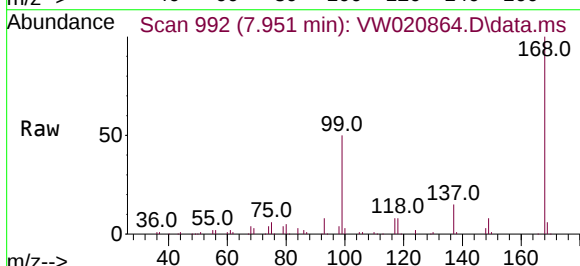
Tgt Ion: 56 Resp: 1509

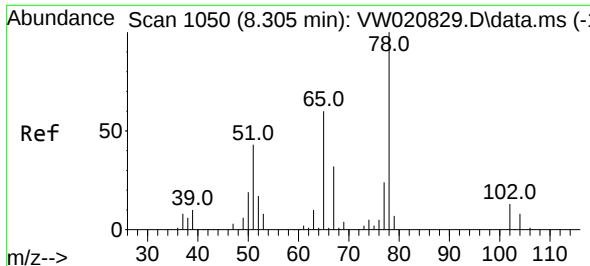
Ion Ratio Lower Upper

56 100

69 156.4 27.2 40.8#

84 138.0 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 61.446 ug/l

RT: 8.305 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VW020864.D

Acq: 12 Nov 2021 19:34

Instrument :

MSVOA_W

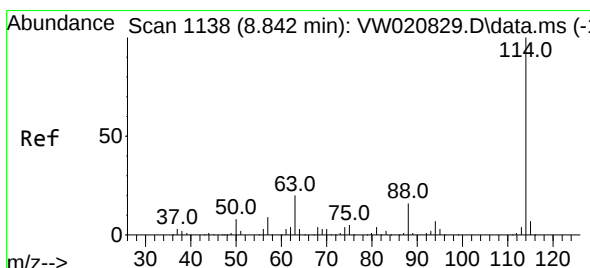
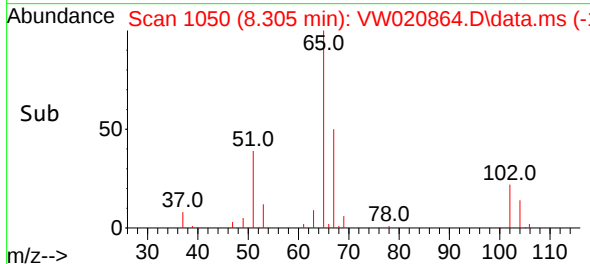
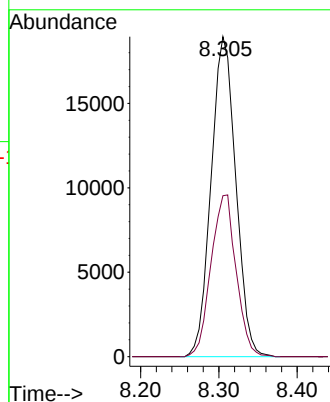
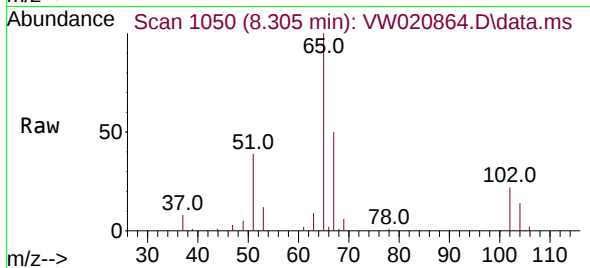
ClientSampleId :

Tgt Ion: 65 Resp: 41556

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VW020864.D

Acq: 12 Nov 2021 19:34

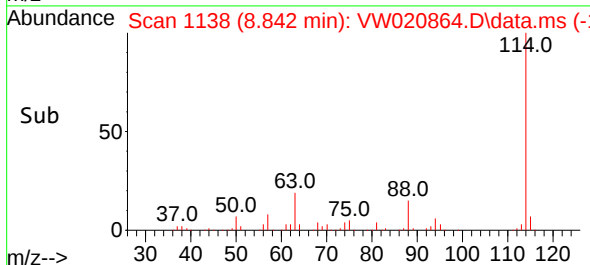
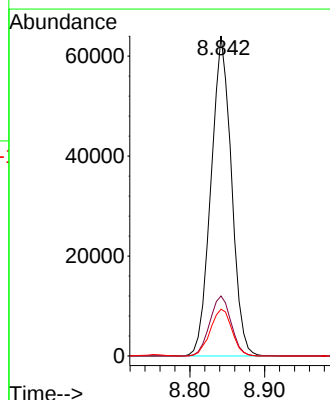
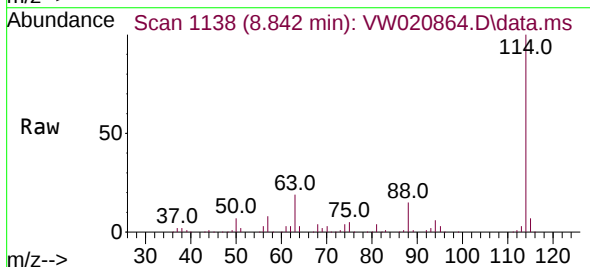
Tgt Ion: 114 Resp: 121508

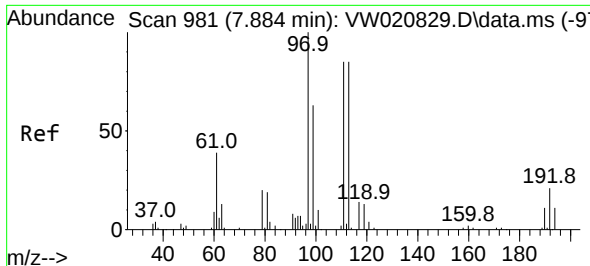
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.8

88 14.6 0.0 33.0

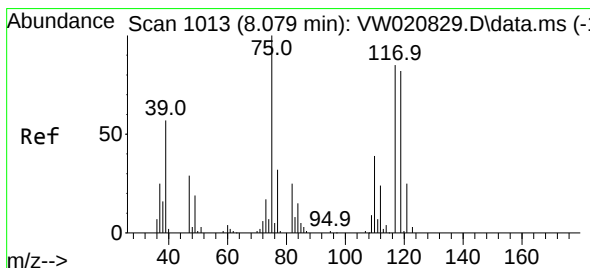
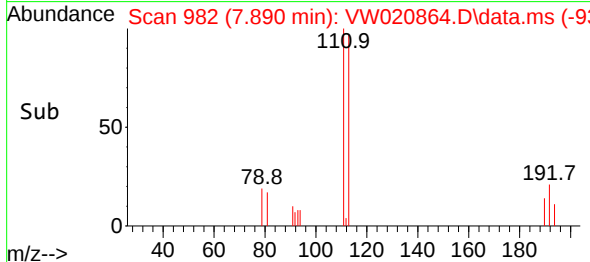
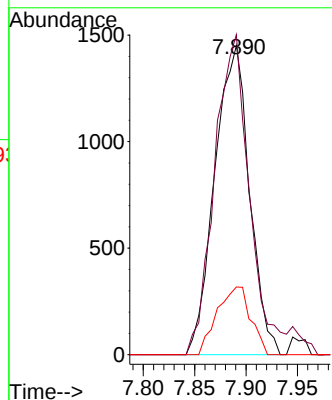
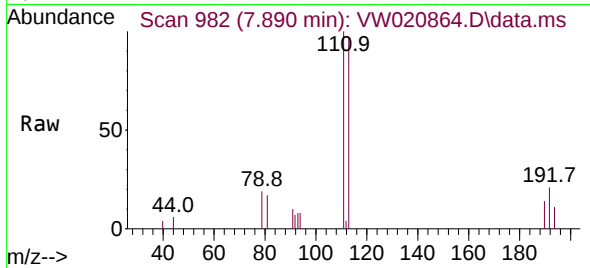




#35
Dibromofluoromethane
Concen: 5.030 ug/l
RT: 7.890 min Scan# 991
Delta R.T. 0.006 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

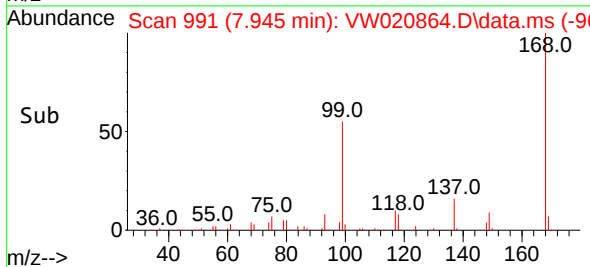
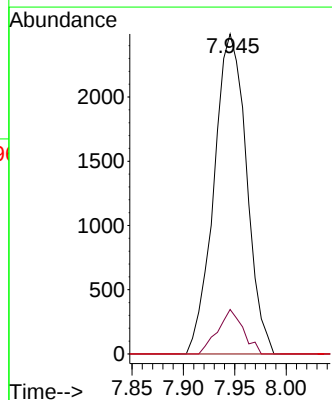
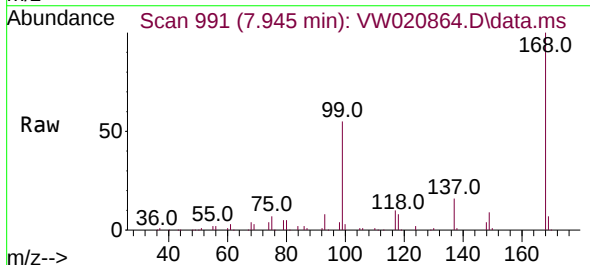
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ClientSampleId :

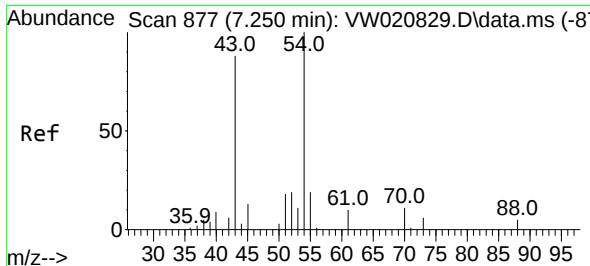
Tgt Ion:113 Resp: 3417
Ion Ratio Lower Upper
113 100
111 107.0 82.1 123.1
192 21.1 17.8 26.8



#36
1,1-Dichloropropene
Concen: 5.461 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.134 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

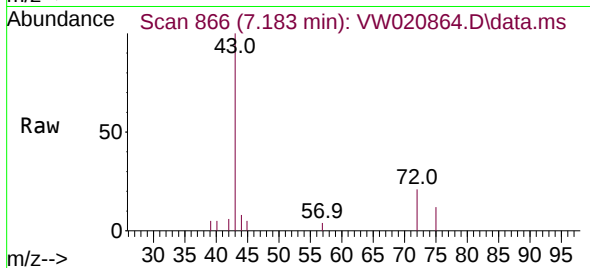
Tgt Ion: 75 Resp: 5485
Ion Ratio Lower Upper
75 100
110 10.8 17.1 51.3#
77 0.0 24.9 37.3#



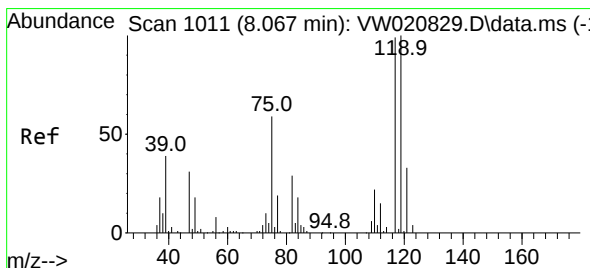
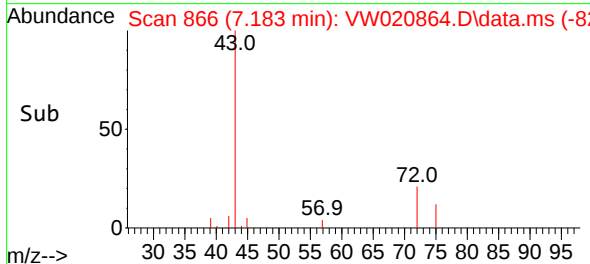
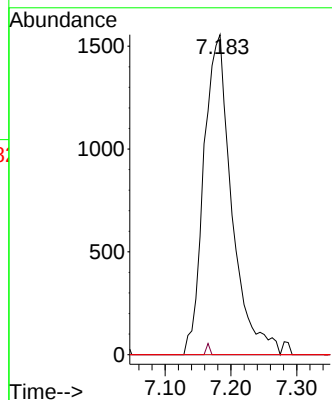


#37
Ethyl Acetate
Concen: 9.462 ug/l
RT: 7.183 min Scan# 80
Delta R.T. -0.067 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

Instrument :
MSVOA_W
ClientSampleId :

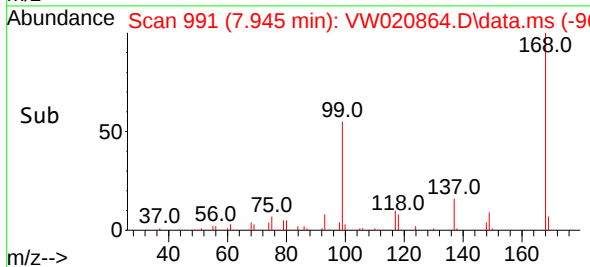
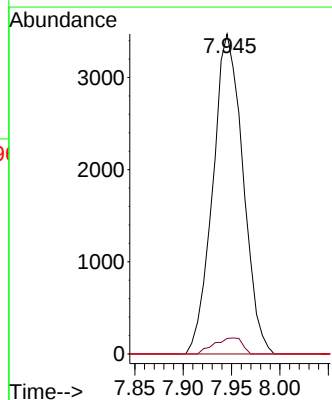
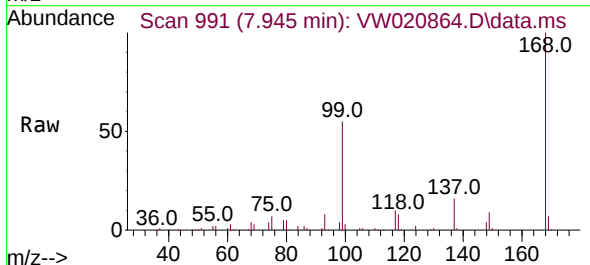


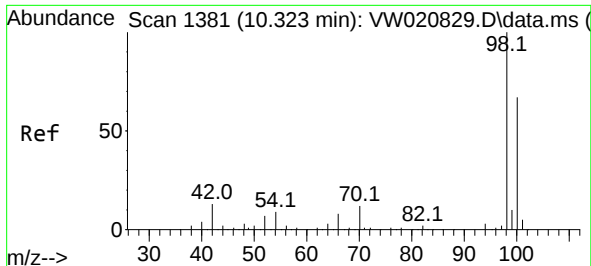
Tgt Ion: 43 Resp: 4588
Ion Ratio Lower Upper
43 100
61 0.4 10.3 15.5#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 7.150 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.122 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

Tgt Ion: 117 Resp: 7522
Ion Ratio Lower Upper
117 100
119 4.8 72.9 109.3#
121 0.0 23.4 35.0#





#50

Toluene-d8

Concen: 50.077 ug/l

RT: 10.323 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020864.D

Acq: 12 Nov 2021 19:34

Instrument :

MSVOA_W

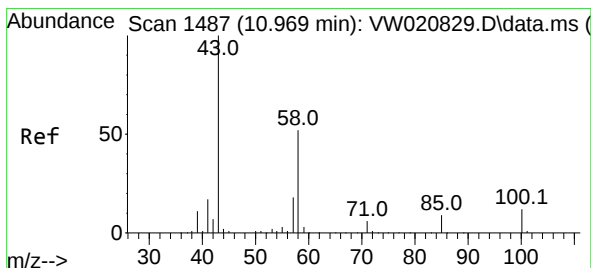
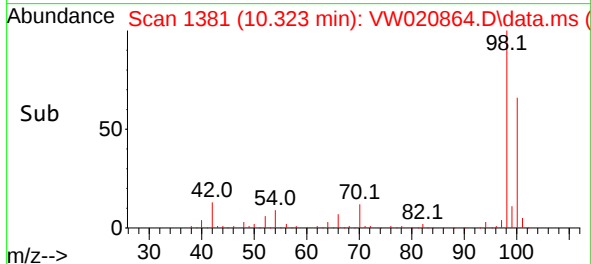
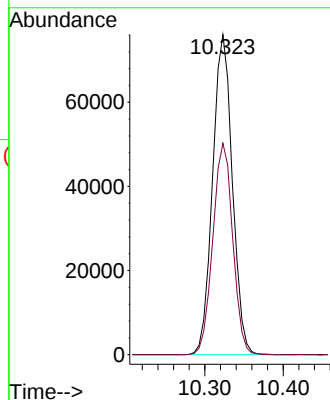
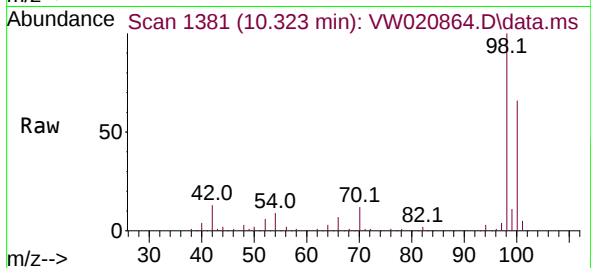
ClientSampleId :

Tgt Ion: 98 Resp: 133091

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8



#59

2-Hexanone

Concen: 1.586 ug/l

RT: 10.963 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VW020864.D

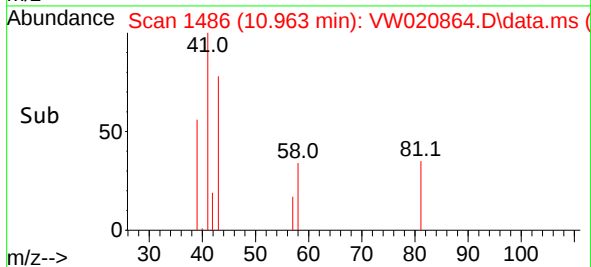
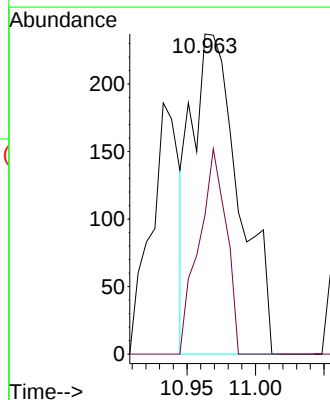
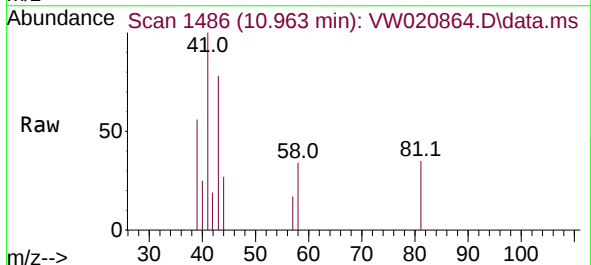
Acq: 12 Nov 2021 19:34

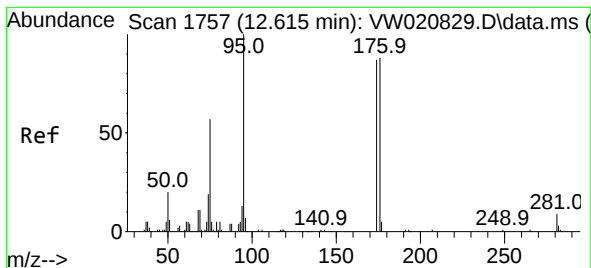
Tgt Ion: 43 Resp: 570

Ion Ratio Lower Upper

43 100

58 37.0 26.4 79.2

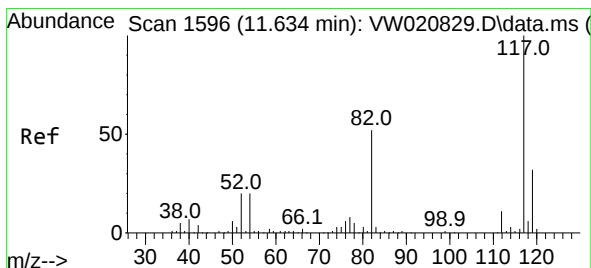
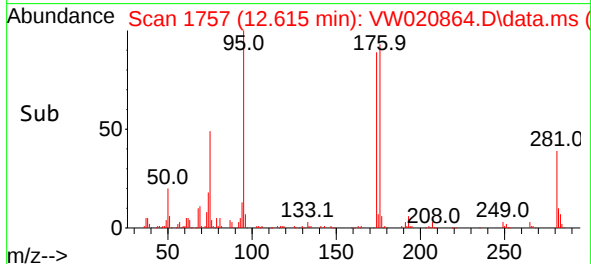
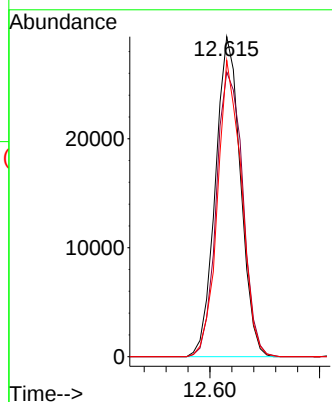
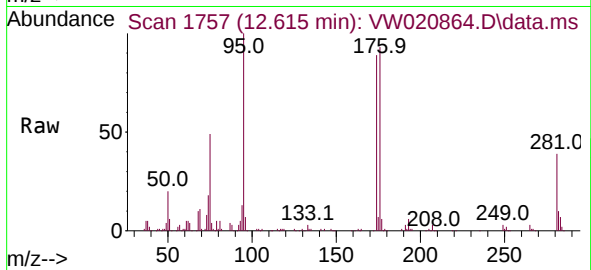




#62
4-Bromofluorobenzene
Concen: 48.768 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

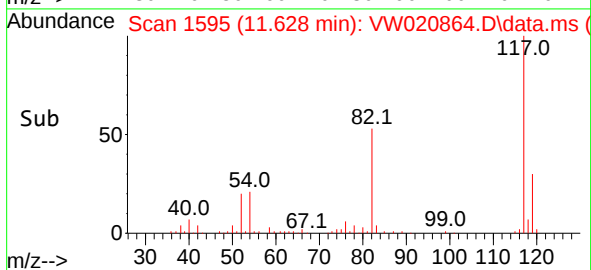
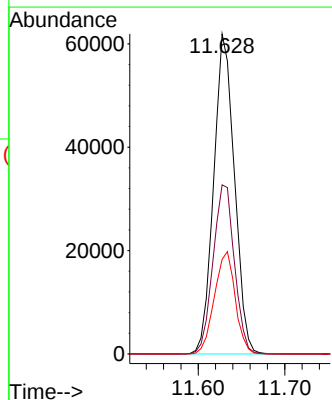
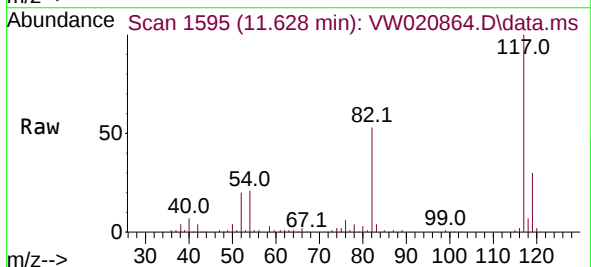
Instrument :
MSVOA_W
ClientSampleId :

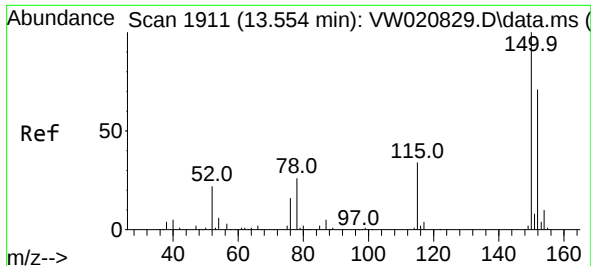
Tgt Ion: 95 Resp: 46762
Ion Ratio Lower Upper
95 100
174 93.7 0.0 166.4
176 88.6 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

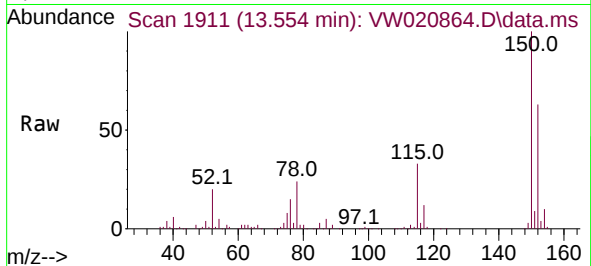
Tgt Ion: 117 Resp: 103035
Ion Ratio Lower Upper
117 100
82 52.9 45.6 68.4
119 29.6 25.0 37.4



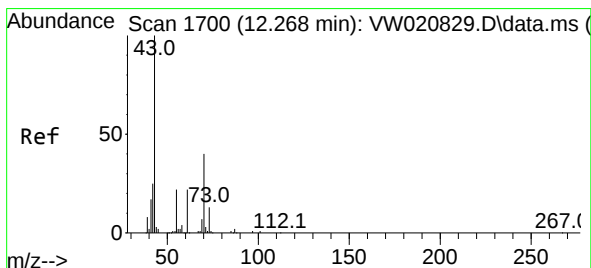
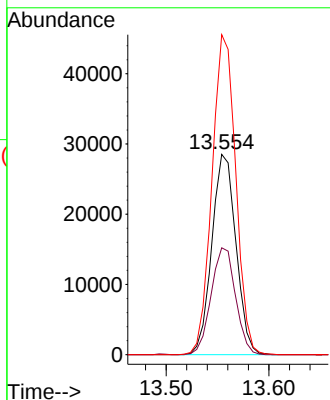
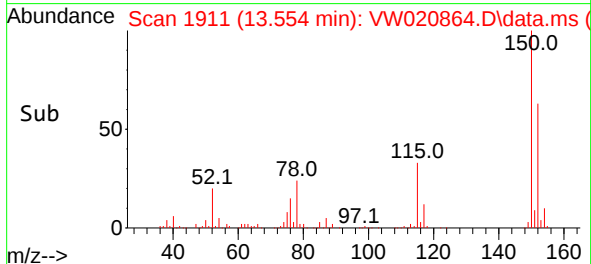


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

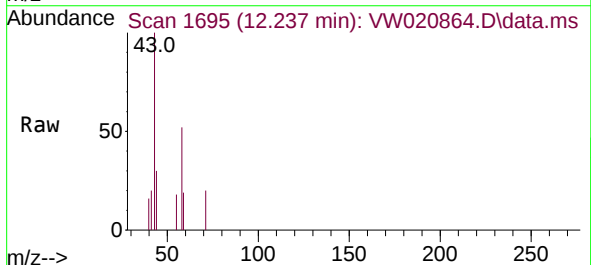
Instrument :
MSVOA_W
ClientSampleId :



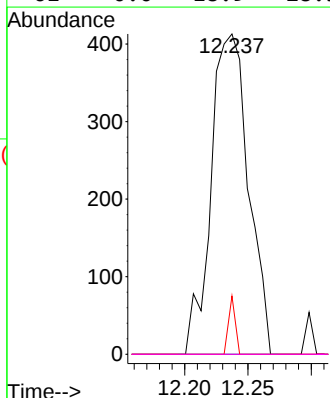
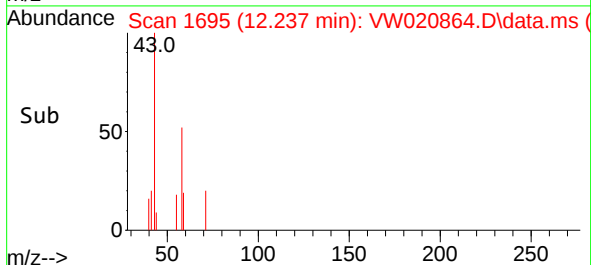
Tgt Ion:152 Resp: 46490
Ion Ratio Lower Upper
152 100
115 54.0 29.6 88.9
150 157.2 0.0 352.6

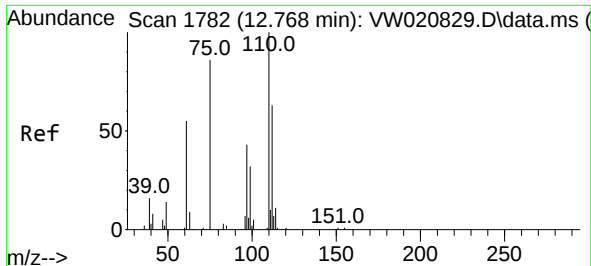


#74
N-ethyl acetate
Concen: 1.227 ug/l
RT: 12.237 min Scan# 1695
Delta R.T. -0.031 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34



Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.2#
55 3.2 20.1 30.1#
61 0.0 18.9 28.3#

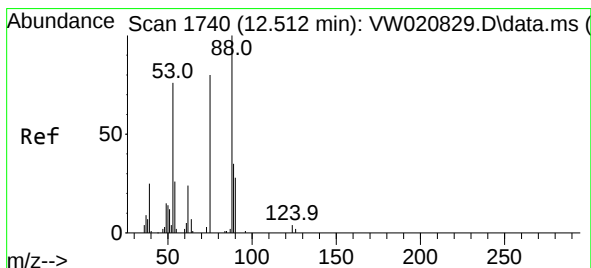
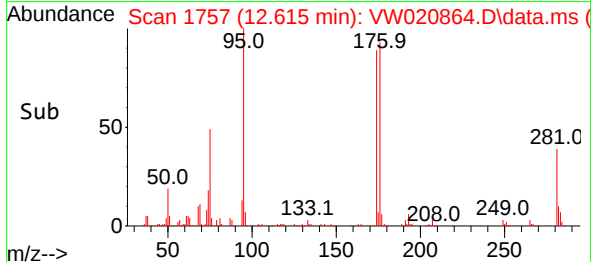
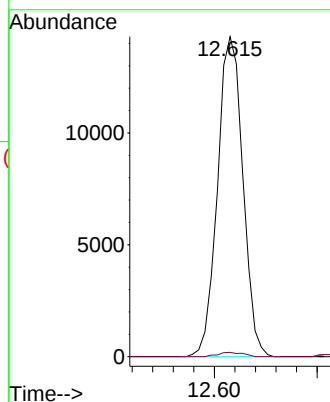
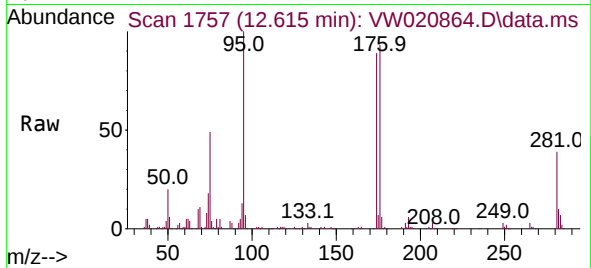




#76
1,2,3-Trichloropropane
Concen: 68.373 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 24440
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.586 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020864.D
Acq: 12 Nov 2021 19:34

Tgt Ion: 75 Resp: 24440
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.6 36.7 55.1#

