

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020863.D
 Acq On : 12 Nov 2021 19:10
 Operator : SY/VA
 Sample : M4595-05
 Misc : 5.78g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:11:24 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	7.952	168	12540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	17956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	14538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	6219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	5597	53.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.940%	
35) Dibromofluoromethane	7.891	113	819	8.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 16.320%#	
50) Toluene-d8	10.323	98	17772	45.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.500%	
62) 4-Bromofluorobenzene	12.615	95	5754	40.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.220%	

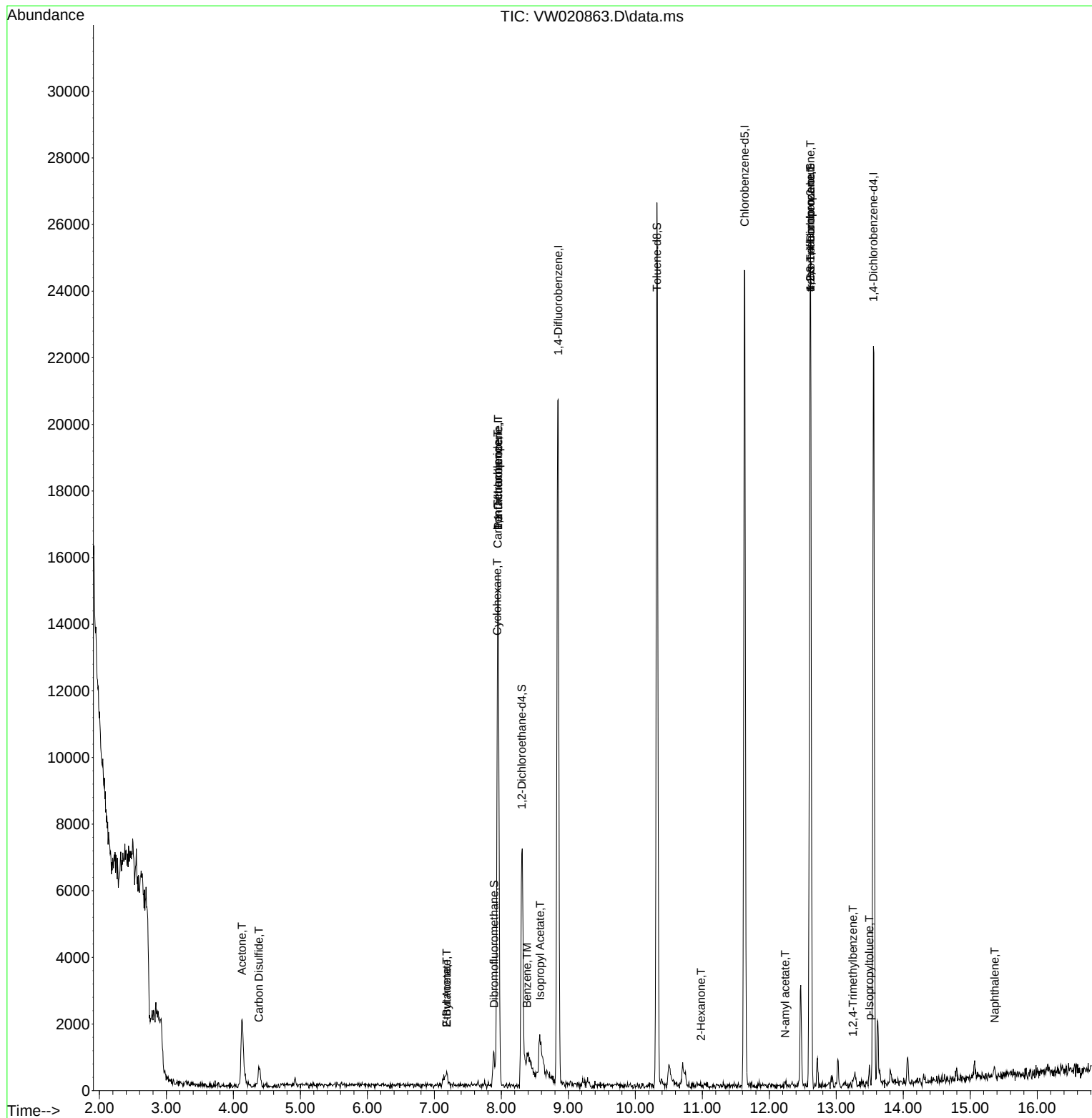
Target Compounds					Qvalue	
16) Acetone	4.129	43	3761	152.453	ug/l	98
17) Carbon Disulfide	4.379	76	1197	4.821	ug/l #	75
20) Methylene Chloride	4.928	84	89	Below Cal	#	6
25) 2-Butanone	7.183	43	759	21.907	ug/l #	83
31) Cyclohexane	7.939	56	188	1.011	ug/l #	51
36) 1,1-Dichloropropene	7.952	75	850	5.727	ug/l #	42
37) Ethyl Acetate	7.183	43	759	10.592	ug/l #	69
38) Carbon Tetrachloride	7.945	117	1240	7.976	ug/l #	14
40) Benzene	8.384	78	1509	3.799	ug/l #	88
43) Isopropyl Acetate	8.580	43	1906	13.991	ug/l #	52
59) 2-Hexanone	10.982	43	57	1.073	ug/l #	25
74) N-amyl acetate	12.237	43	136	1.468	ug/l #	43
76) 1,2,3-Trichloropropane	12.615	75	3190	66.713	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	3190	131.319	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.249	105	335	1.055	ug/l #	31
86) p-Isopropyltoluene	13.493	119	387	1.041	ug/l	86
95) Naphthalene	15.365	128	354	1.545	ug/l #	68

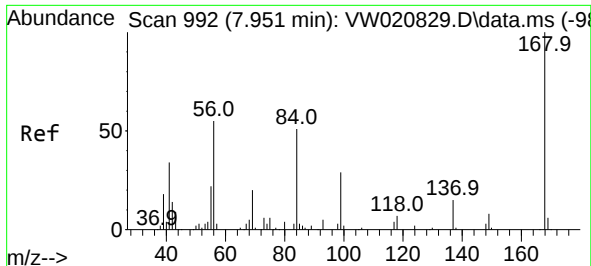
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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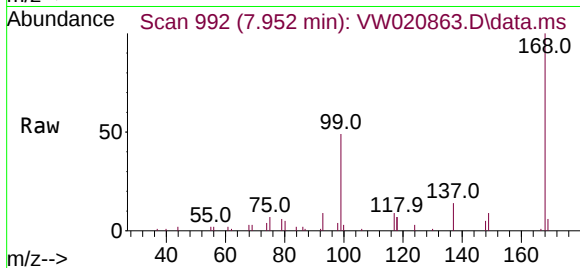
Quant Time: Nov 15 00:11:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



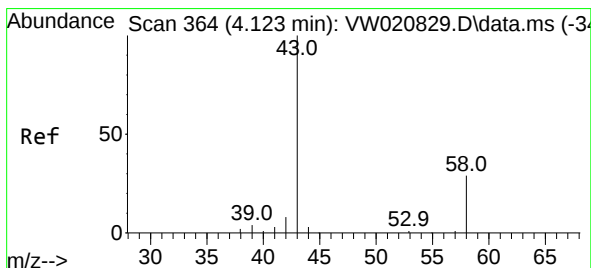
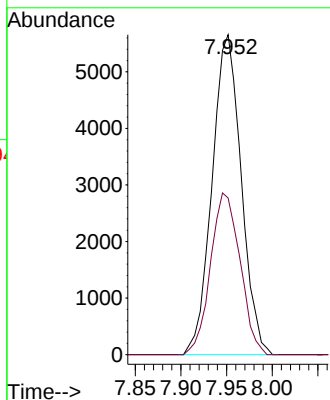
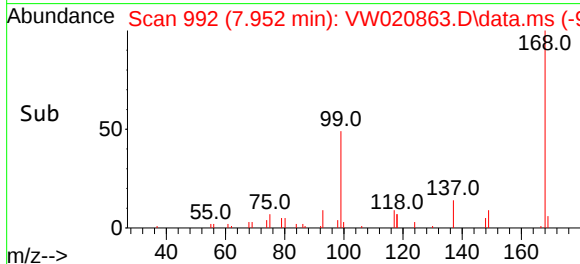


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

Instrument :
MSVOA_W
ClientSampleId :

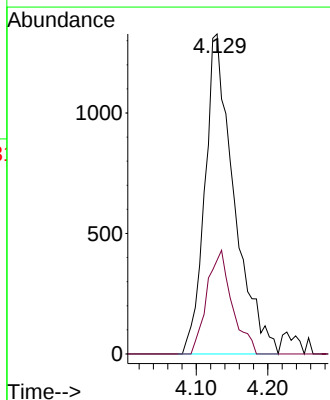
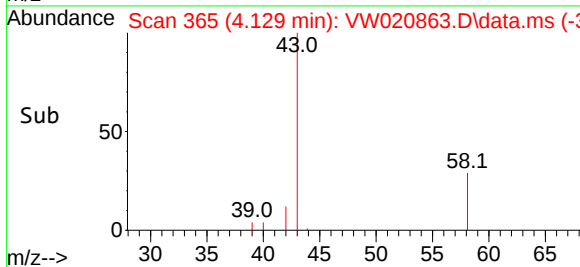
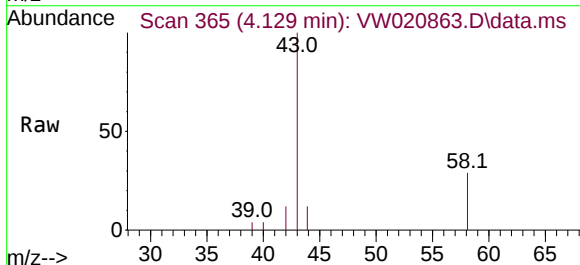


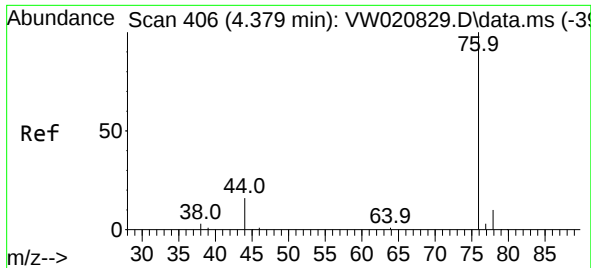
Tgt Ion:168 Resp: 12540
Ion Ratio Lower Upper
168 100
99 49.0 45.4 68.0



#16
Acetone
Concen: 152.453 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

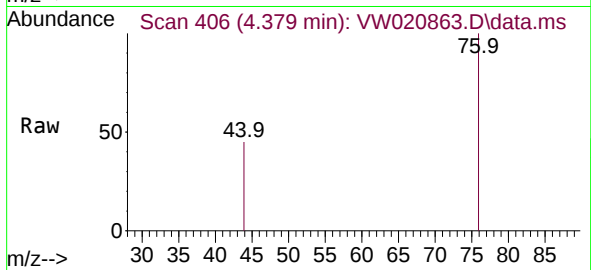
Tgt Ion: 43 Resp: 3761
Ion Ratio Lower Upper
43 100
58 29.3 24.2 36.2



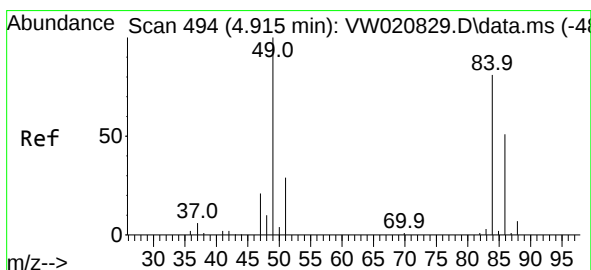
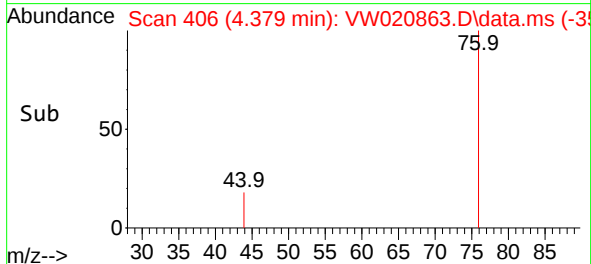
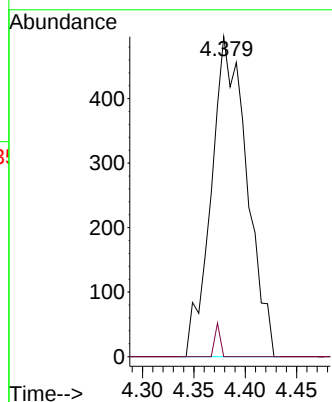


#17
Carbon Disulfide
Concen: 4.821 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

Instrument :
MSVOA_W
ClientSampleId :

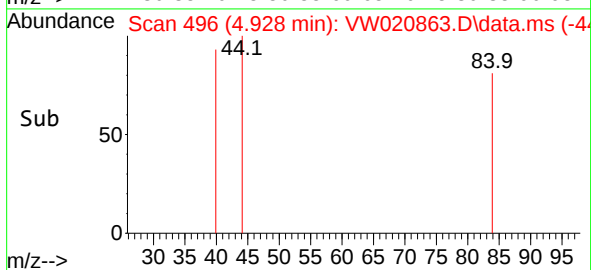
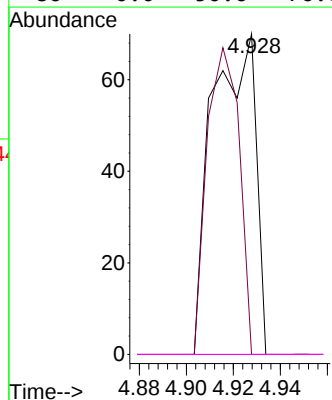
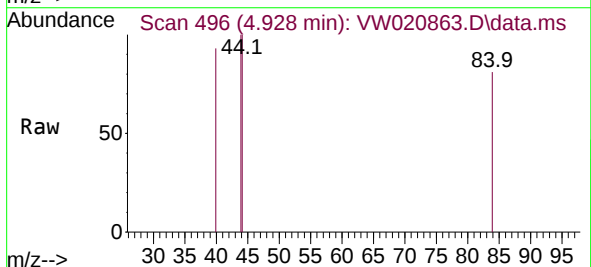


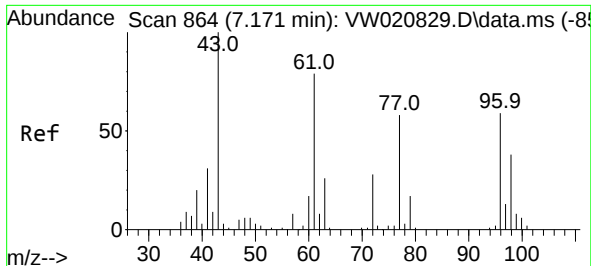
Tgt Ion: 76 Resp: 1197
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.928 min Scan# 496
Delta R.T. 0.013 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

Tgt Ion: 84 Resp: 89
Ion Ratio Lower Upper
84 100
49 0.0 100.0 150.0#
51 0.0 30.8 46.2#
86 0.0 50.6 76.0#





#25

2-Butanone

Concen: 21.907 ug/l

RT: 7.183 min Scan# 866

Delta R.T. 0.012 min

Lab File: VW020863.D

Acq: 12 Nov 2021 19:10

Instrument :

MSVOA_W

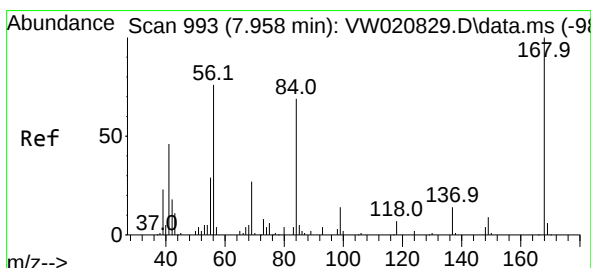
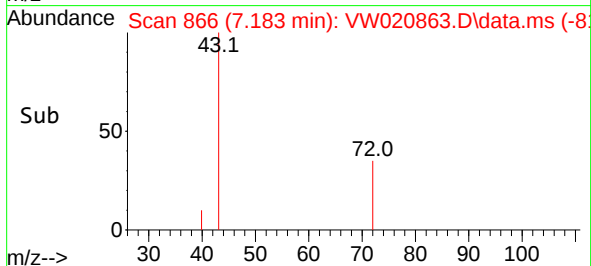
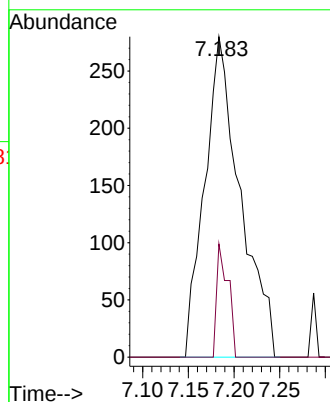
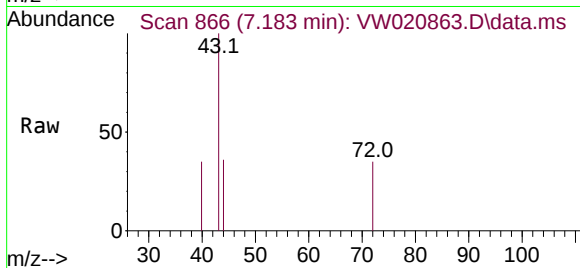
ClientSampleId :

Tgt Ion: 43 Resp: 759

Ion Ratio Lower Upper

43 100

72 35.4 21.4 32.0#



#31

Cyclohexane

Concen: 1.011 ug/l

RT: 7.939 min Scan# 990

Delta R.T. -0.018 min

Lab File: VW020863.D

Acq: 12 Nov 2021 19:10

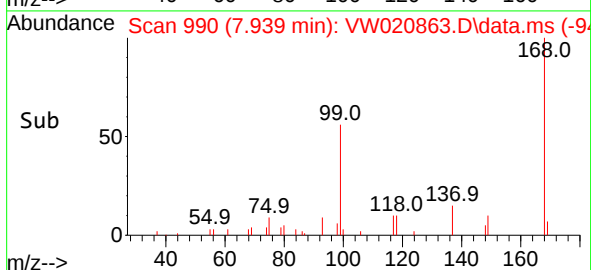
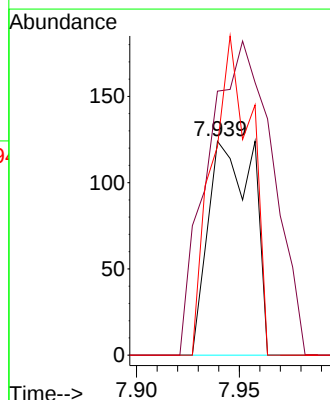
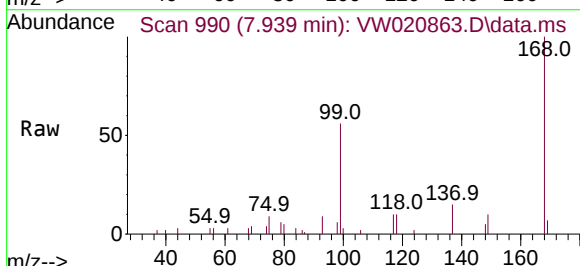
Tgt Ion: 56 Resp: 188

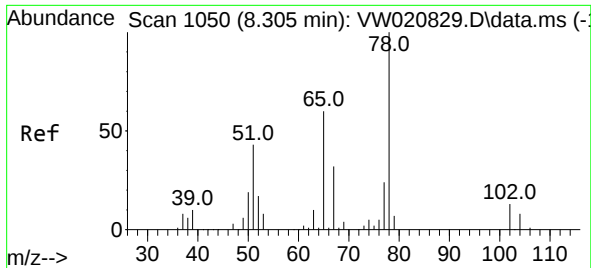
Ion Ratio Lower Upper

56 100

69 123.4 27.2 40.8#

84 97.6 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 53.973 ug/l

RT: 8.305 min Scan# 110

Delta R.T. 0.000 min

Lab File: VW020863.D

Acq: 12 Nov 2021 19:10

Instrument :

MSVOA_W

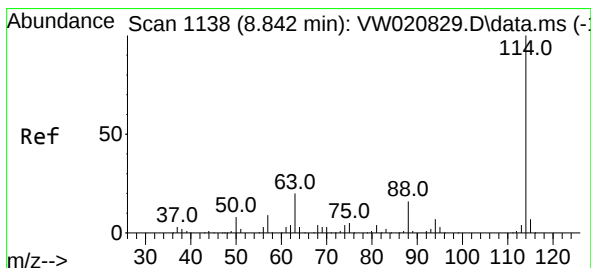
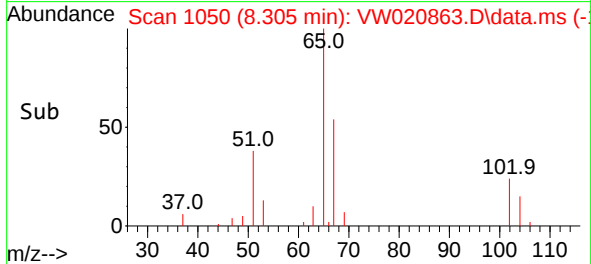
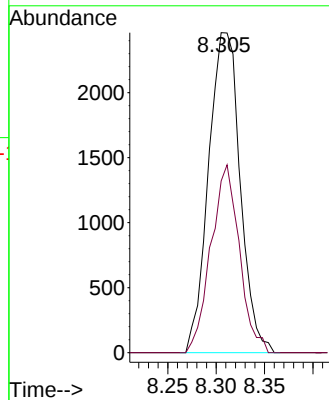
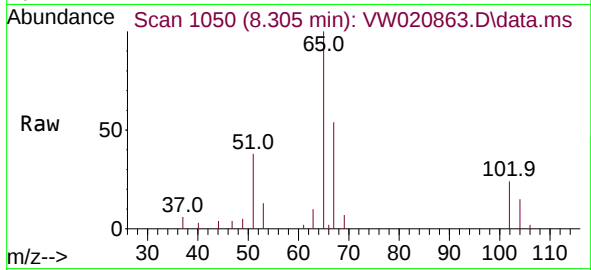
ClientSampleId :

Tgt Ion: 65 Resp: 5597

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.848 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VW020863.D

Acq: 12 Nov 2021 19:10

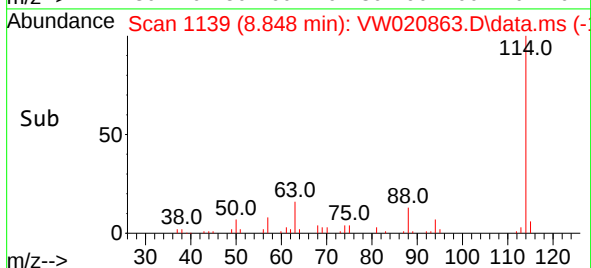
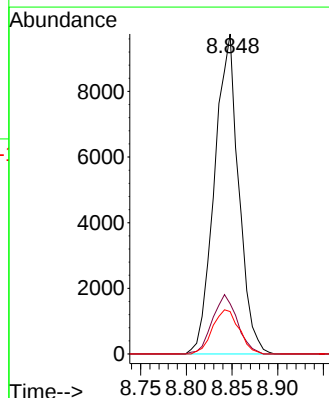
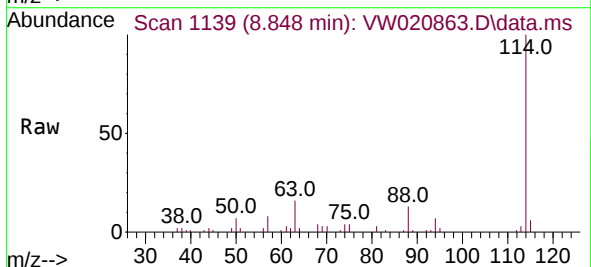
Tgt Ion: 114 Resp: 17956

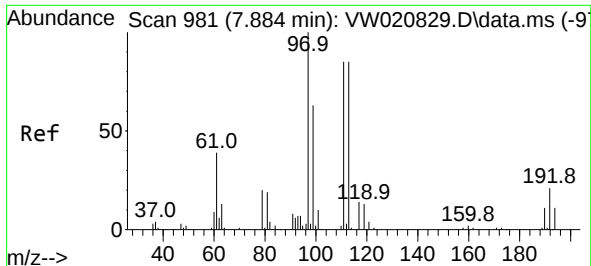
Ion Ratio Lower Upper

114 100

63 15.7 0.0 42.8

88 13.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 8.159 ug/l

RT: 7.891 min Scan# 991

Delta R.T. 0.006 min

Lab File: VW020863.D

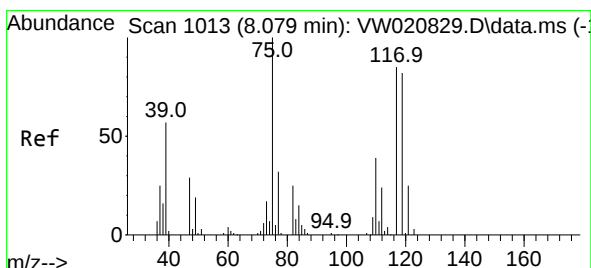
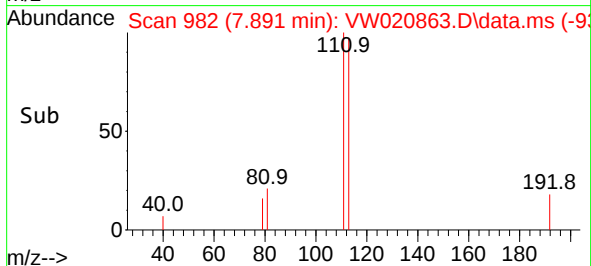
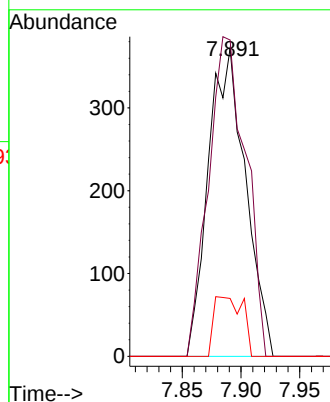
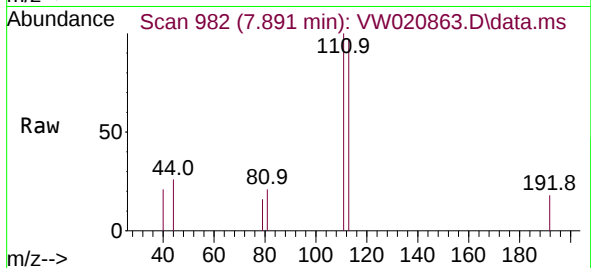
Acq: 12 Nov 2021 19:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:113	Resp:	819
Ion	Ratio	Lower Upper
113	100	
111	103.9	82.1 123.1
192	14.9	17.8 26.8#



#36

1,1-Dichloropropene

Concen: 5.727 ug/l

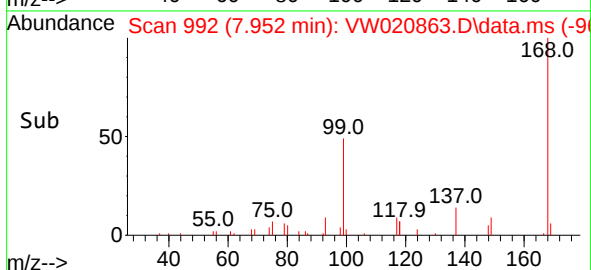
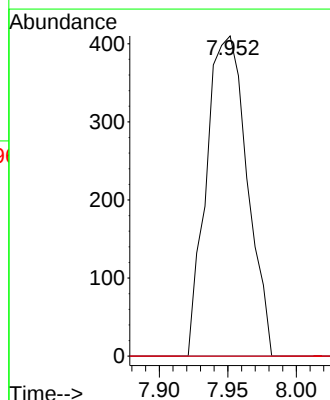
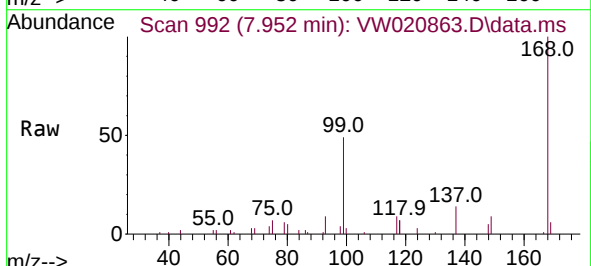
RT: 7.952 min Scan# 992

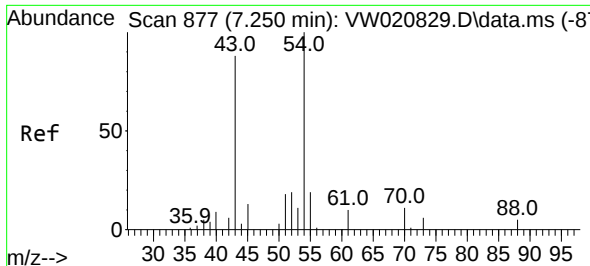
Delta R.T. -0.128 min

Lab File: VW020863.D

Acq: 12 Nov 2021 19:10

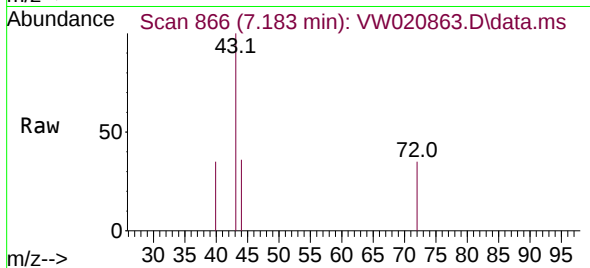
Tgt Ion: 75	Resp:	850
Ion	Ratio	Lower Upper
75	100	
110	0.0	17.1 51.3#
77	0.0	24.9 37.3#



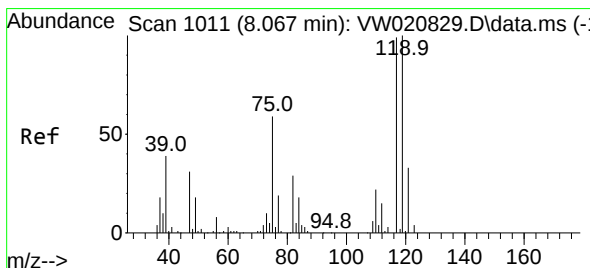
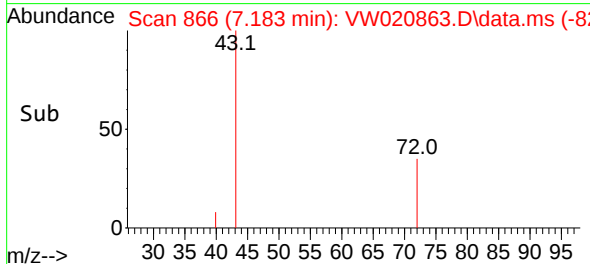
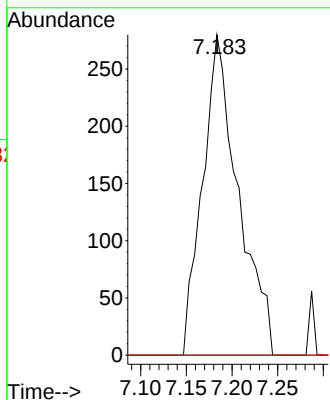


#37
Ethyl Acetate
Concen: 10.592 ug/l
RT: 7.183 min Scan# 80
Delta R.T. -0.067 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

Instrument :
MSVOA_W
ClientSampleId :

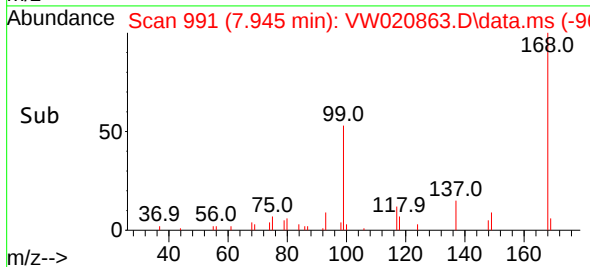
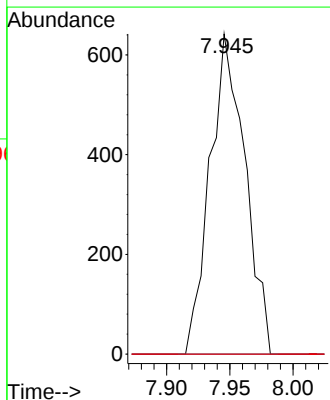
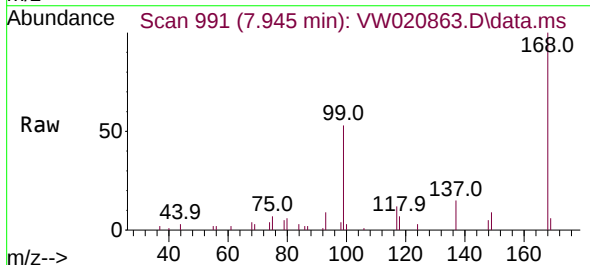


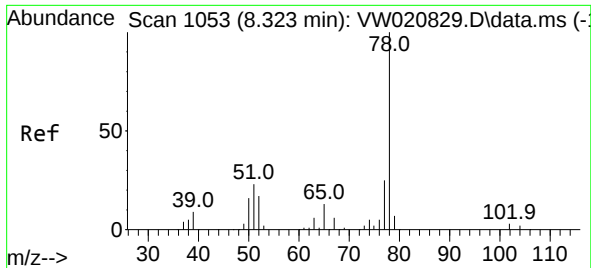
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 7.976 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.122 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

Tgt Ion: 117 Resp: 1240
Ion Ratio Lower Upper
117 100
119 0.0 72.9 109.3#
121 0.0 23.4 35.0#

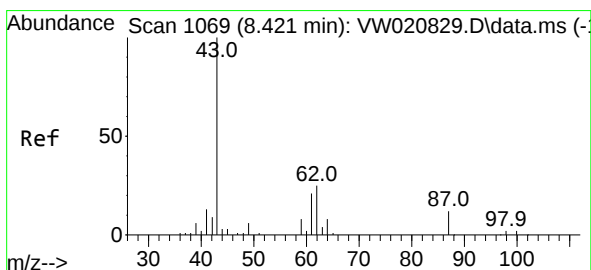
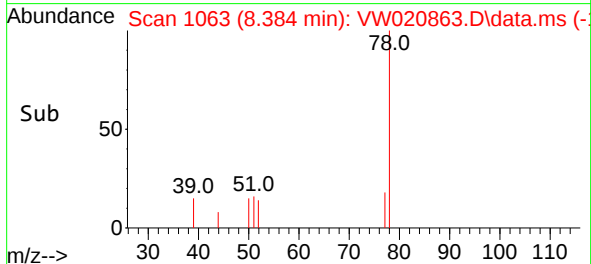
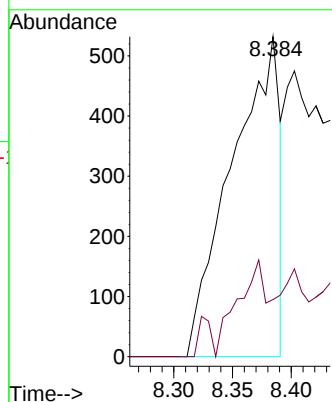
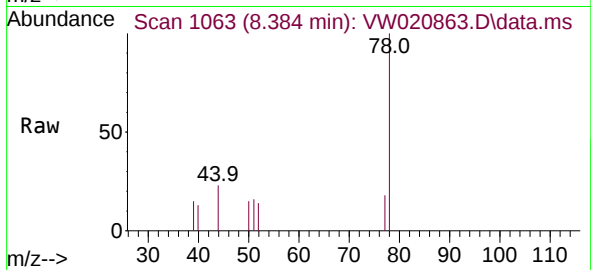




#40
Benzene
Concen: 3.799 ug/l
RT: 8.384 min Scan# 1063
Delta R.T. 0.061 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

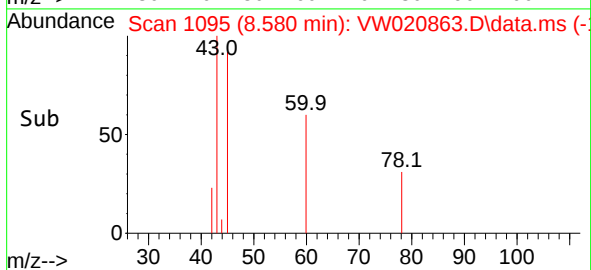
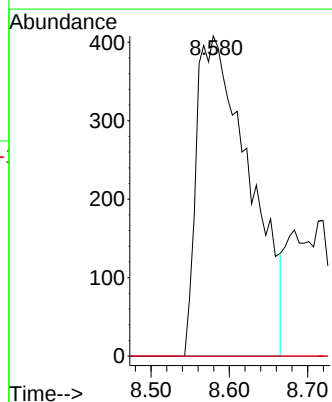
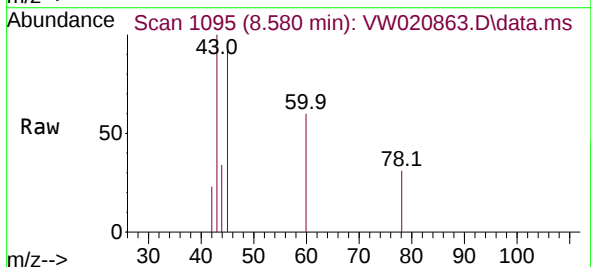
Instrument :
MSVOA_W
ClientSampleId :

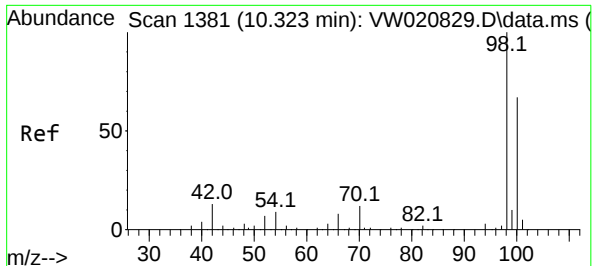
Tgt Ion: 78 Resp: 1509
Ion Ratio Lower Upper
78 100
77 17.9 19.0 28.6#



#43
Isopropyl Acetate
Concen: 13.991 ug/l
RT: 8.580 min Scan# 1095
Delta R.T. 0.159 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
61 0.0 23.3 34.9#
87 0.0 10.4 15.6#





#50

Toluene-d8

Concen: 45.250 ug/l

RT: 10.323 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020863.D

Acq: 12 Nov 2021 19:10

Instrument :

MSVOA_W

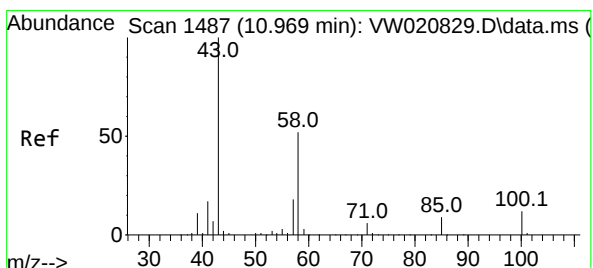
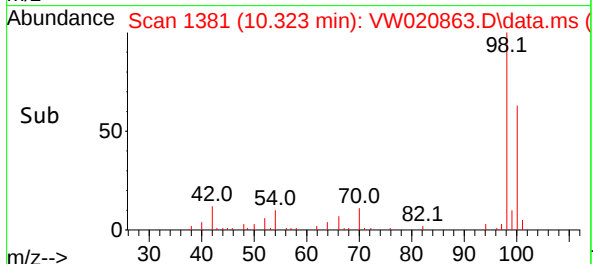
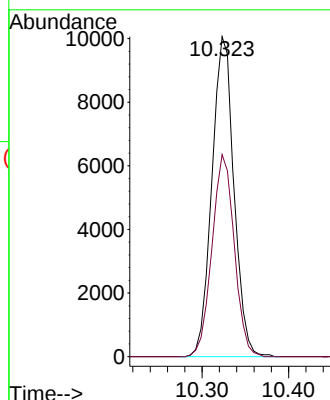
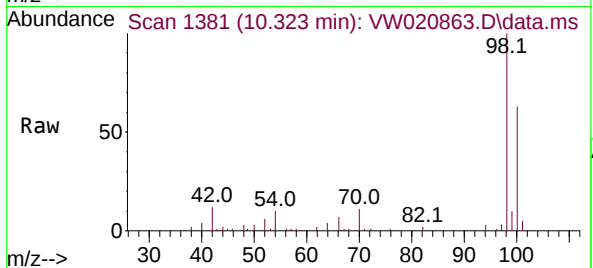
ClientSampleId :

Tgt Ion: 98 Resp: 17772

Ion Ratio Lower Upper

98 100

100 63.8 53.2 79.8



#59

2-Hexanone

Concen: 1.073 ug/l

RT: 10.982 min Scan# 1489

Delta R.T. 0.012 min

Lab File: VW020863.D

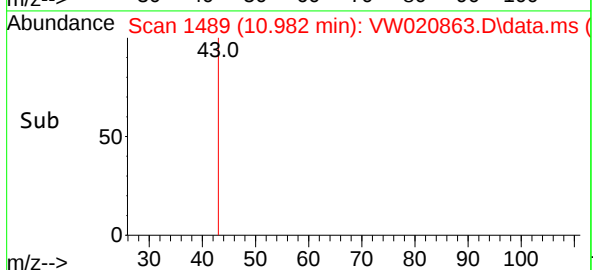
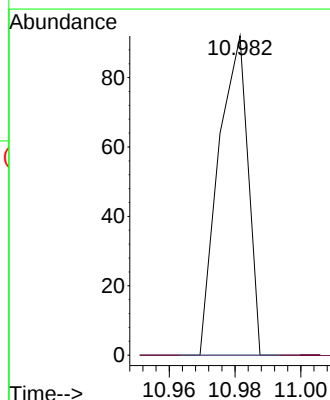
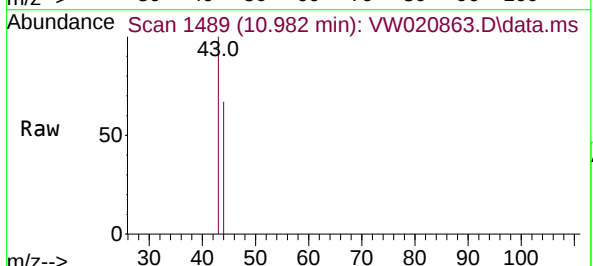
Acq: 12 Nov 2021 19:10

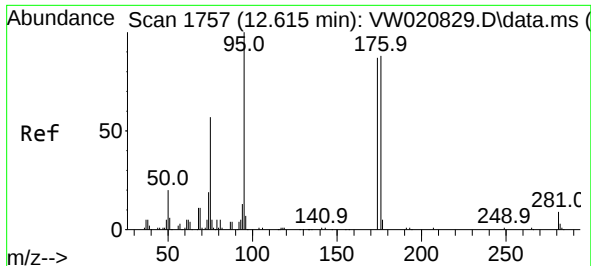
Tgt Ion: 43 Resp: 57

Ion Ratio Lower Upper

43 100

58 0.0 26.4 79.2#

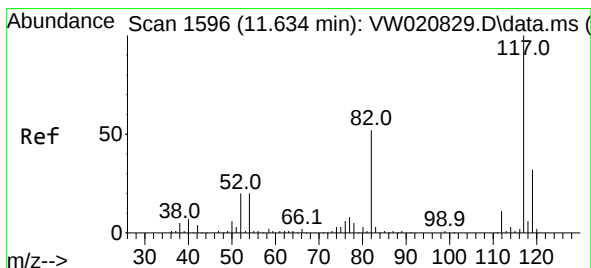
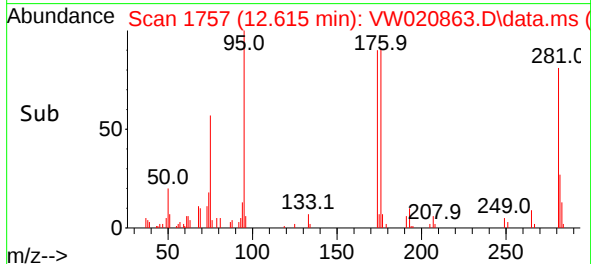
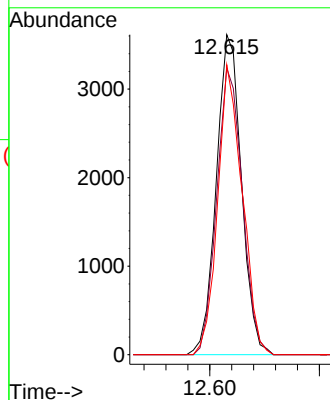
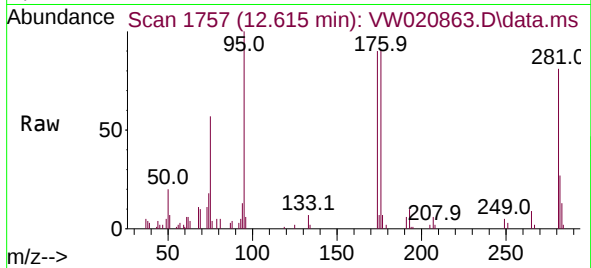




#62
4-Bromofluorobenzene
Concen: 40.607 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

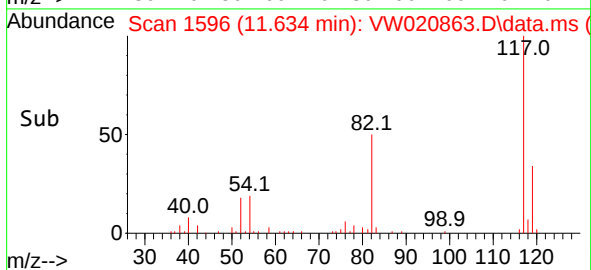
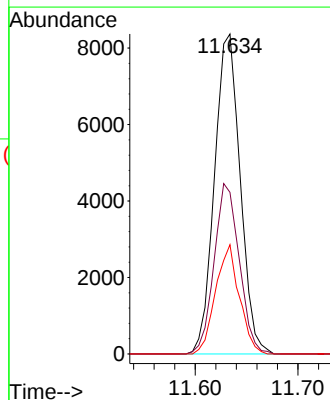
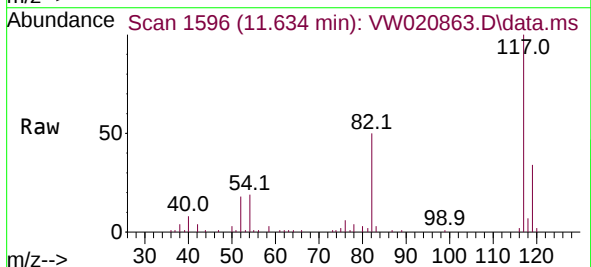
Instrument :
MSVOA_W
ClientSampleId :

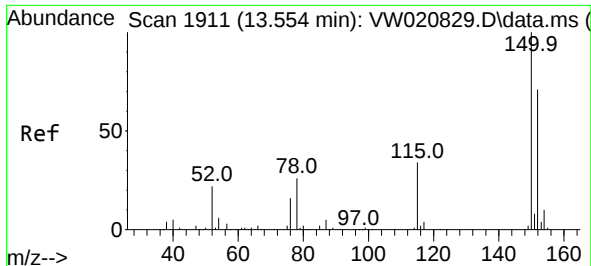
Tgt Ion:	95	Resp:	5754
Ion Ratio	Lower	Upper	
95	100		
174	91.4	0.0	166.4
176	88.4	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

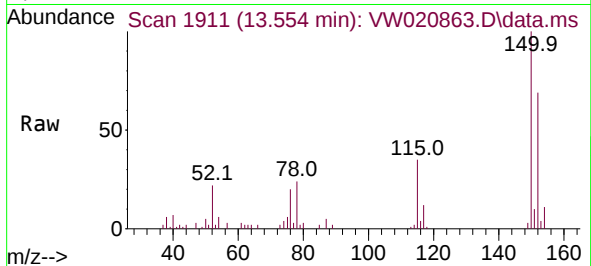
Tgt Ion:	117	Resp:	14538
Ion Ratio	Lower	Upper	
117	100		
82	50.5	45.6	68.4
119	34.2	25.0	37.4



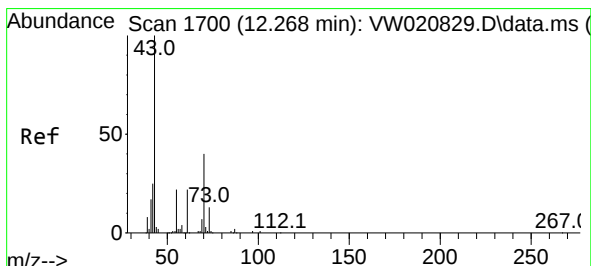
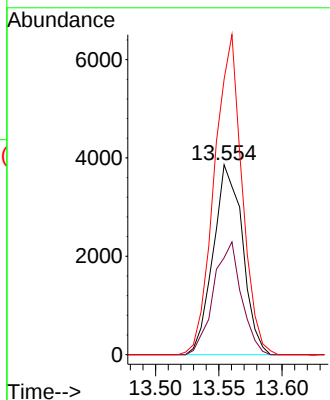
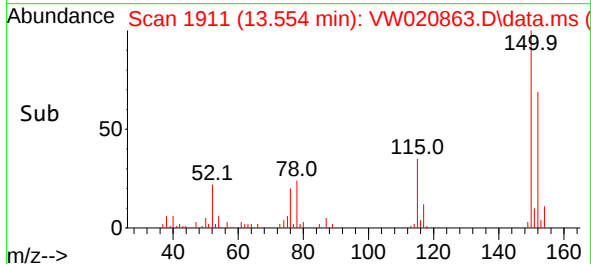


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

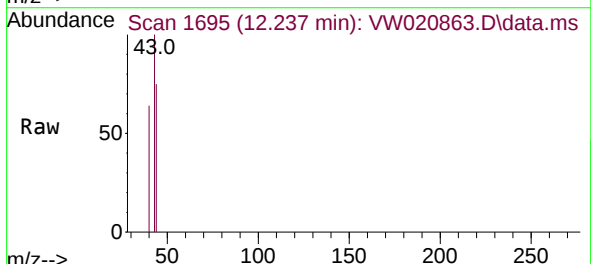
Instrument :
MSVOA_W
ClientSampleId :



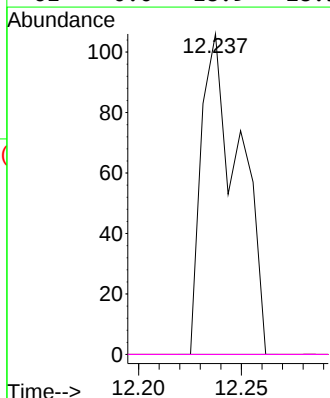
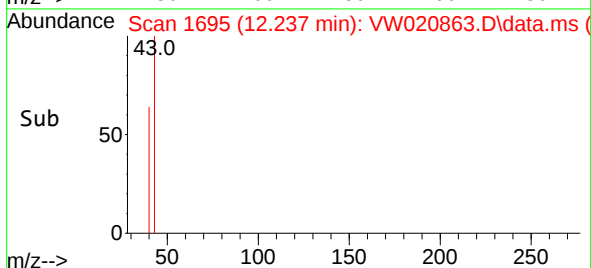
Tgt Ion:152 Resp: 6219
Ion Ratio Lower Upper
152 100
115 56.4 29.6 88.9
150 159.0 0.0 352.6

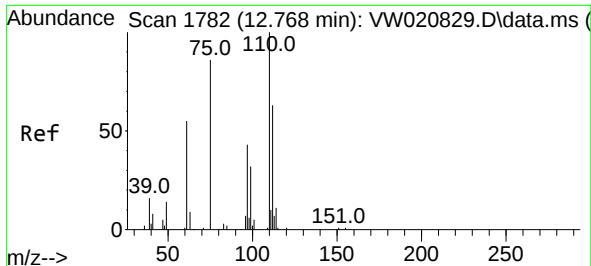


#74
N-ethyl acetate
Concen: 1.468 ug/l
RT: 12.237 min Scan# 1695
Delta R.T. -0.030 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10



Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.2#
55 0.0 20.1 30.1#
61 0.0 18.9 28.3#

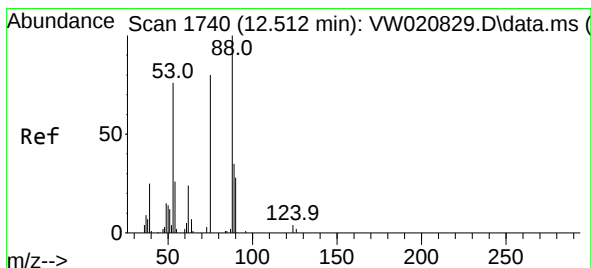
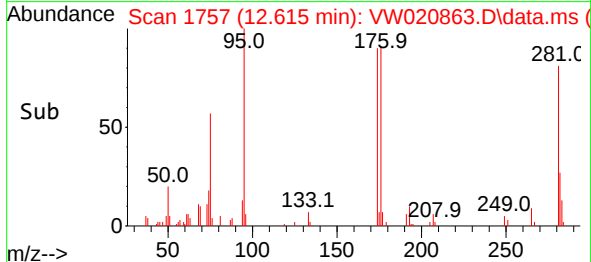
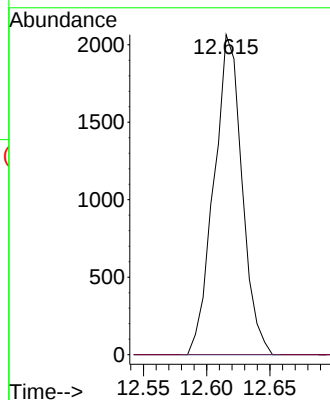
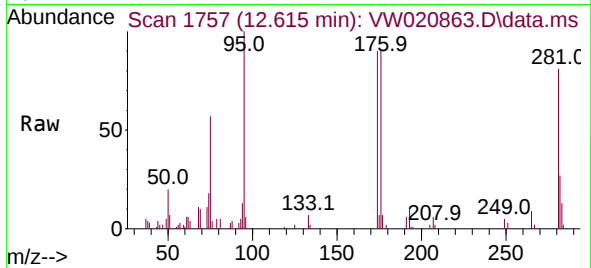




#76
1,2,3-Trichloropropane
Concen: 66.713 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

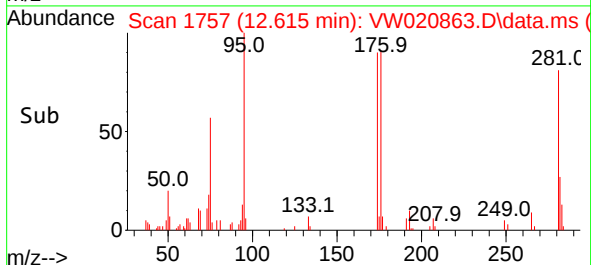
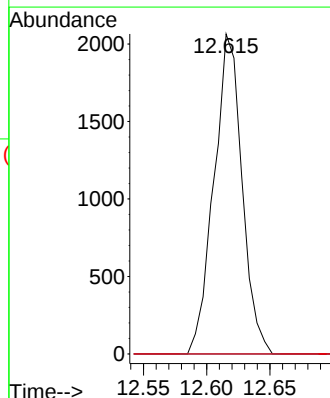
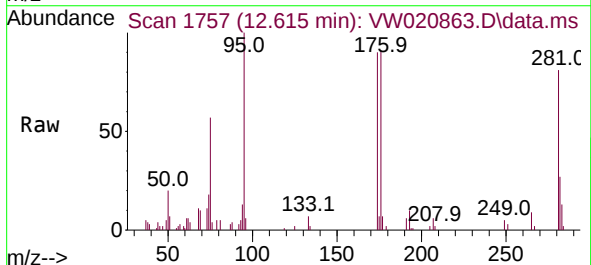
Instrument :
MSVOA_W
ClientSampleId :

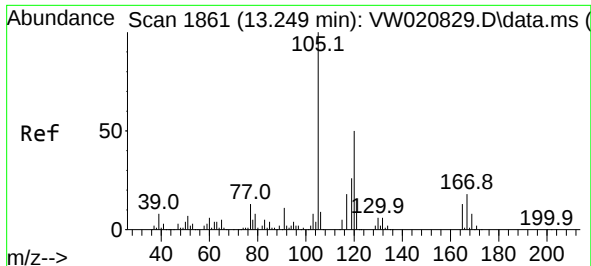
Tgt Ion: 75 Resp: 3190
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 131.319 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

Tgt Ion: 75 Resp: 3190
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 36.7 55.1#

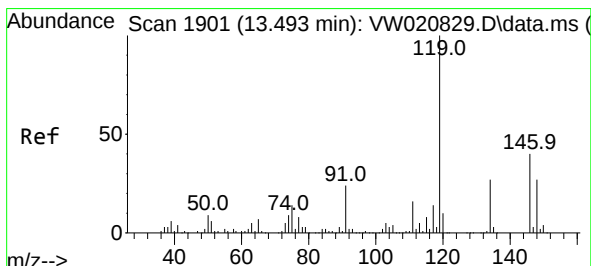
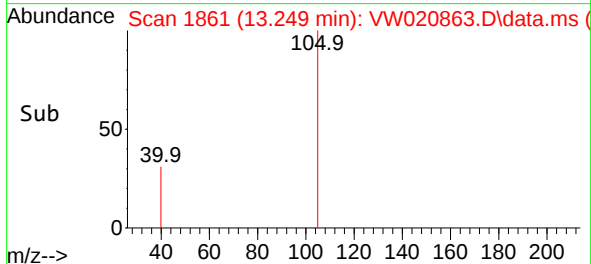
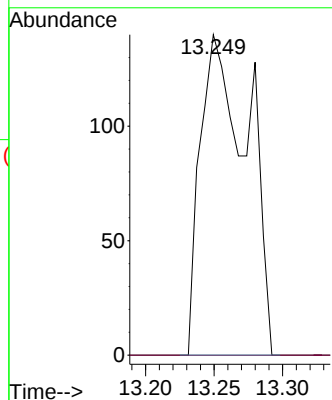
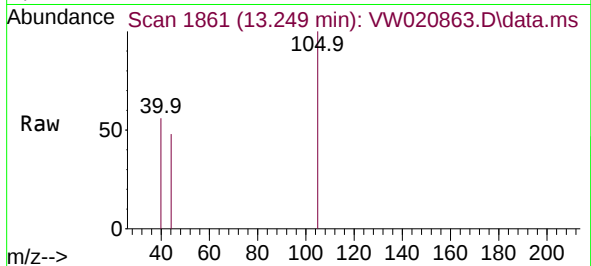




#84
1,2,4-Trimethylbenzene
Concen: 1.055 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

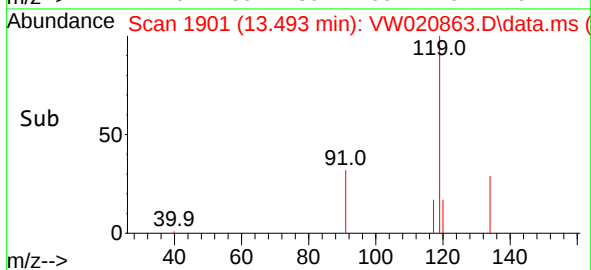
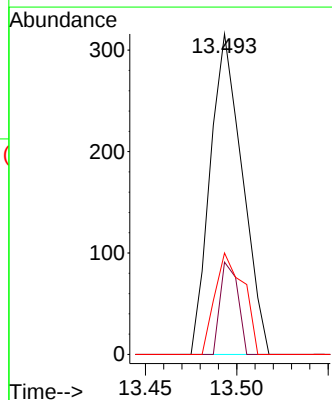
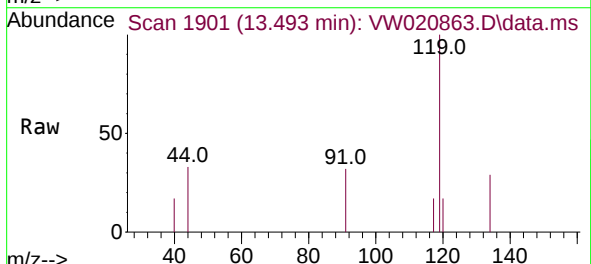
Instrument :
MSVOA_W
ClientSampleId :

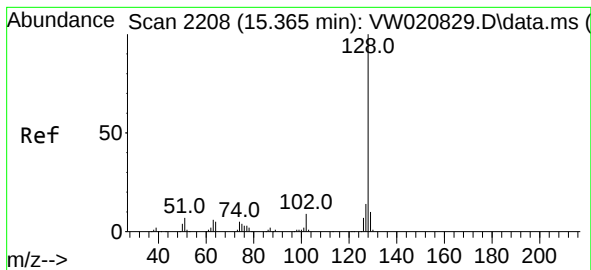
Tgt Ion:105 Resp: 335
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.7#



#86
p-Isopropyltoluene
Concen: 1.041 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

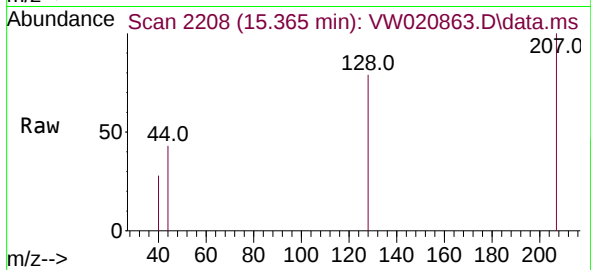
Tgt Ion:119 Resp: 387
Ion Ratio Lower Upper
119 100
134 15.8 13.0 38.9
91 28.2 12.0 36.0





#95
Naphthalene
Concen: 1.545 ug/l
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW020863.D
Acq: 12 Nov 2021 19:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 354
Ion Ratio Lower Upper
128 100
127 0.0 11.1 16.7#
129 0.0 8.9 13.3#

