

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019663.D
 Acq On : 03 Aug 2021 16:42
 Operator : SY/VA
 Sample : VW0803SBL01
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 04 06:47:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 16:22:46 2021
 Response via : Initial Calibration

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

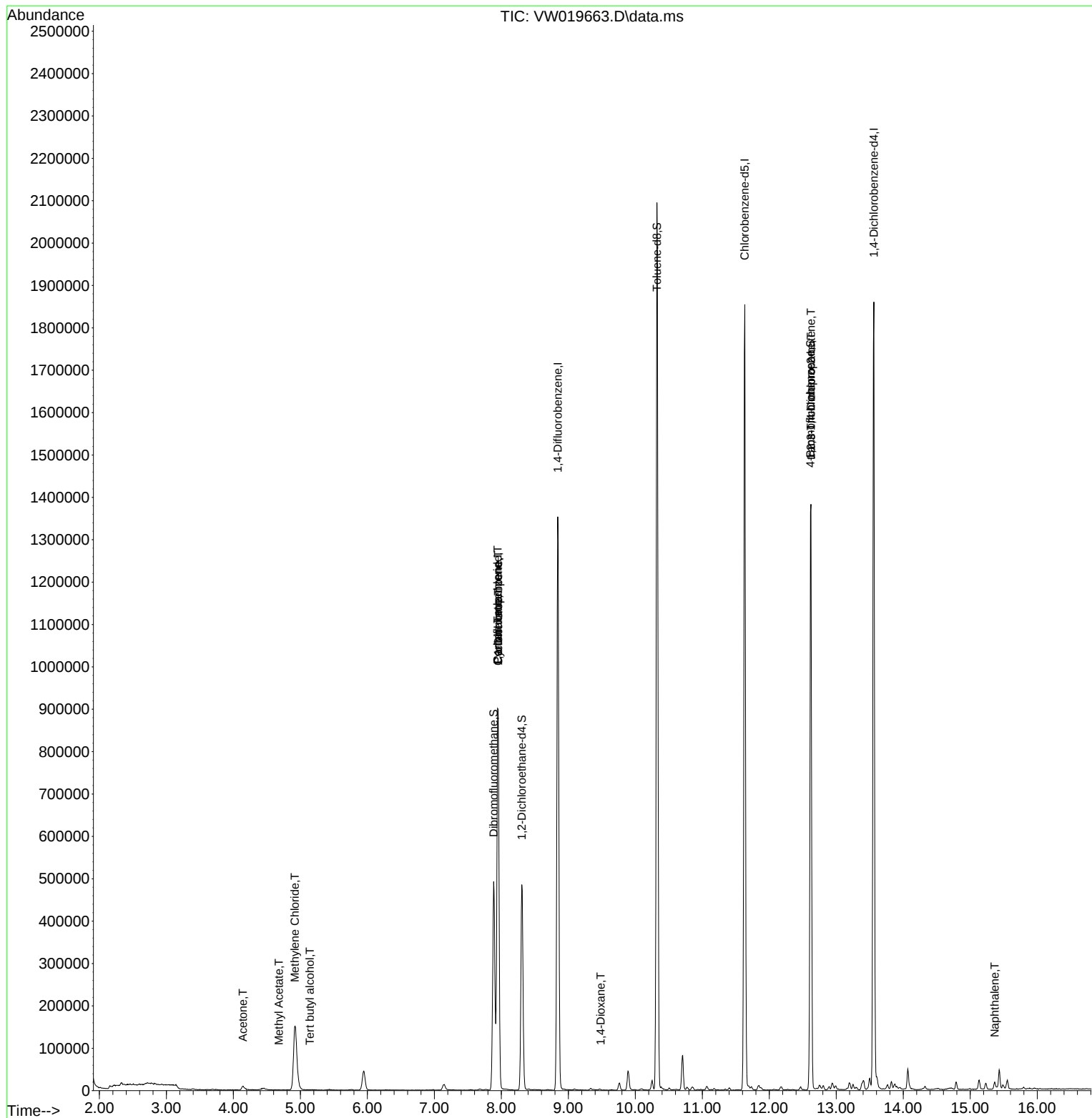
Internal Standards						
1) Pentafluorobenzene	7.945	168	647407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	1102250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	958455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	463060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	397883	48.306	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.620%		
35) Dibromofluoromethane	7.884	113	341895	46.926	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.860%		
50) Toluene-d8	10.323	98	1358504	47.713	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.420%		
62) 4-Bromofluorobenzene	12.615	95	470149	46.279	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.560%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.141	59	689	1.958	ug/l #	73
16) Acetone	4.141	43	18634	15.312	ug/l	91
18) Methyl Acetate	4.678	43	167	1.303	ug/l #	50
20) Methylene Chloride	4.915	84	132122	11.709	ug/l	97
31) Cyclohexane	7.952	56	16431	1.362	ug/l #	1
36) 1,1-Dichloropropene	7.952	75	58132	5.382	ug/l #	50
38) Carbon Tetrachloride	7.945	117	68135	6.809	ug/l #	17
49) 1,4-Dioxane	9.482	88	71	1.369	ug/l #	11
76) 1,2,3-Trichloropropane	12.621	75	245680	55.727	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.621	75	245680	121.529	ug/l #	12
95) Naphthalene	15.365	128	13498	5.066	ug/l	97

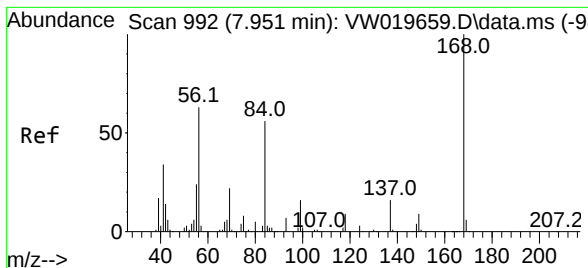
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
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Misc : 5.00g/5.00mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

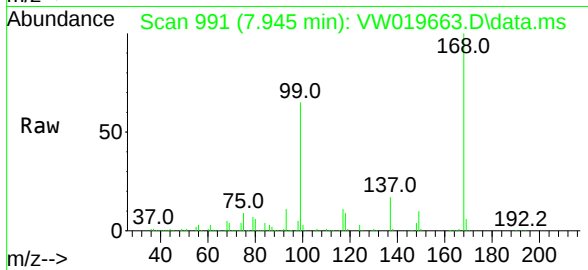
Quant Time: Aug 04 06:47:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 16:22:46 2021
Response via : Initial Calibration



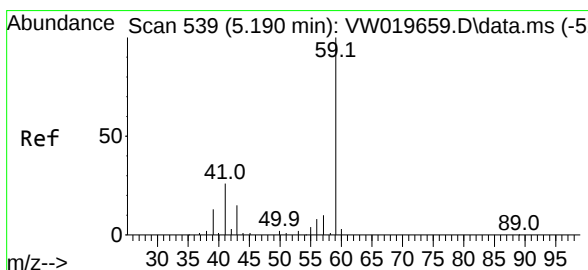
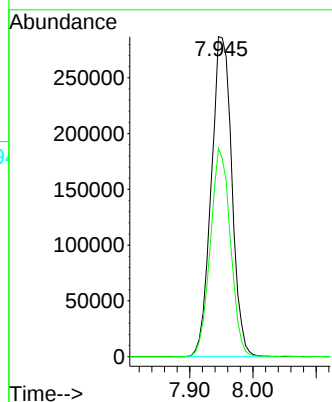
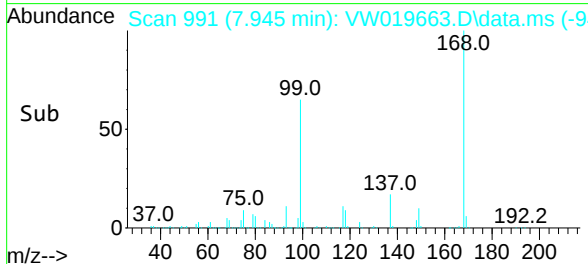


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

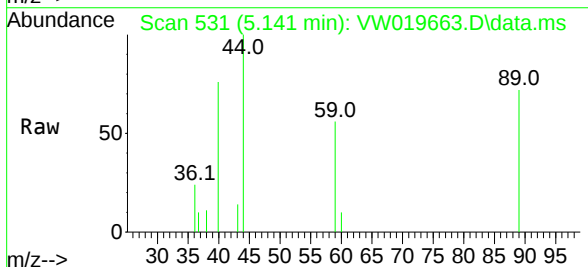
Instrument :
MSVOA_W
ClientSampleId :



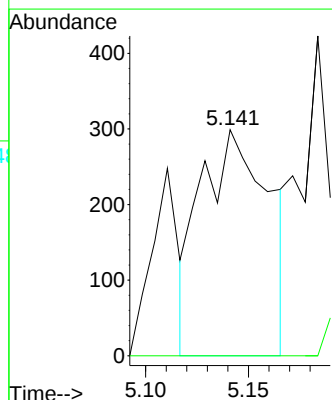
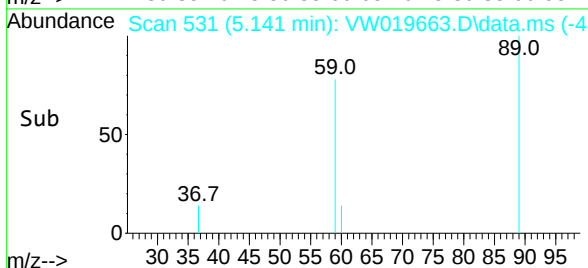
Tgt Ion:168 Resp: 647407
Ion Ratio Lower Upper
168 100
99 65.1 51.9 77.9

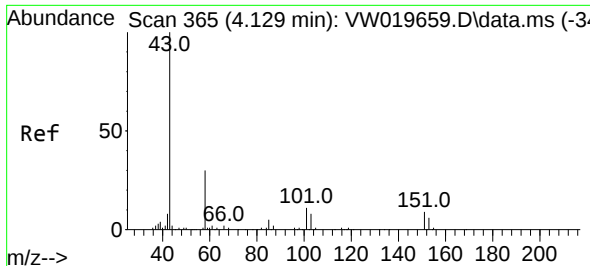


#11
Tert butyl alcohol
Concen: 1.958 ug/l
RT: 5.141 min Scan# 531
Delta R.T. -0.024 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42



Tgt Ion: 59 Resp: 689
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

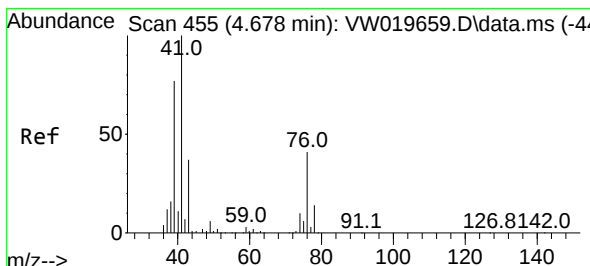
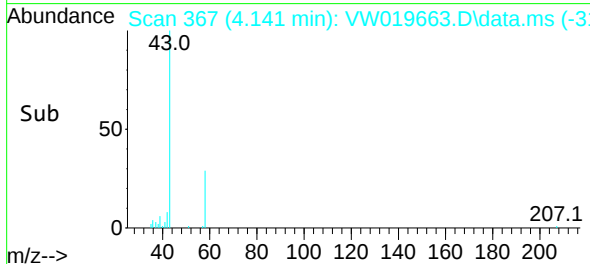
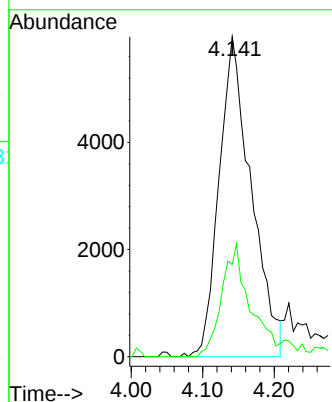
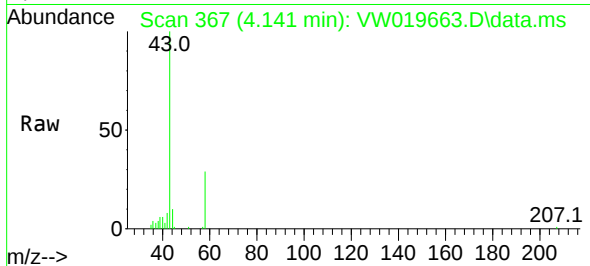




#16
Acetone
Concen: 15.312 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

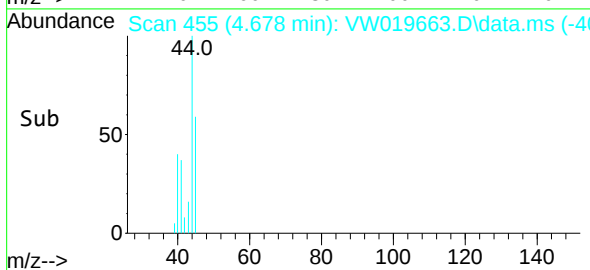
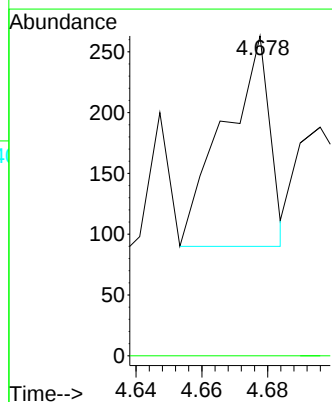
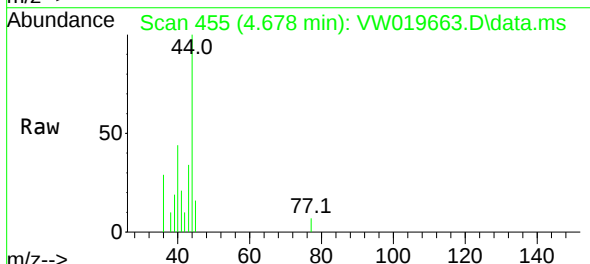
Instrument :
MSVOA_W
ClientSampled :

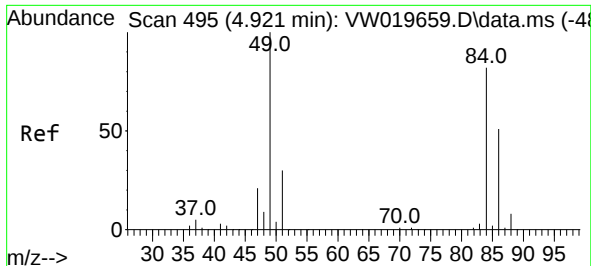
Tgt Ion: 43 Resp: 18634
Ion Ratio Lower Upper
43 100
58 28.8 27.2 40.8



#18
Methyl Acetate
Concen: 1.303 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

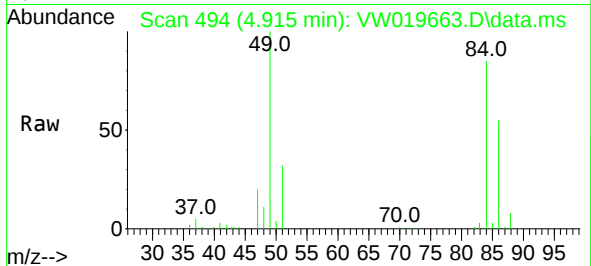
Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



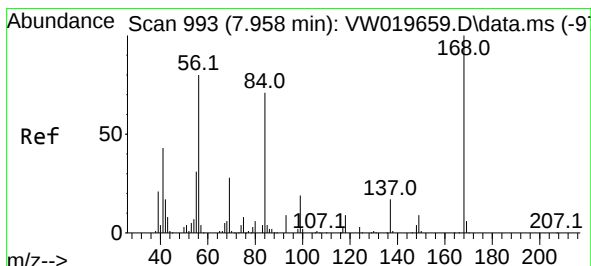
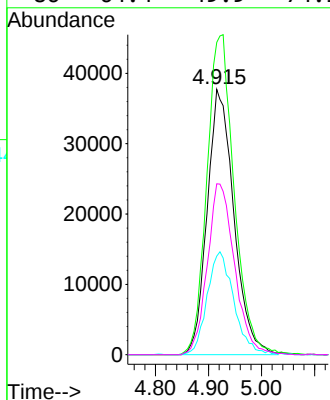
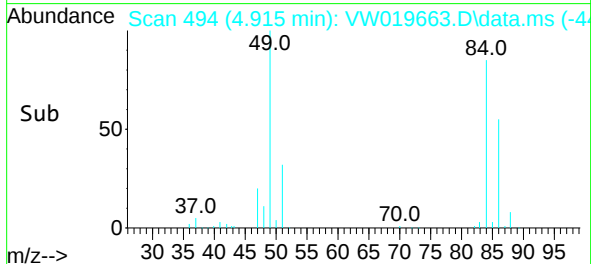


#20
Methylene Chloride
Concen: 11.709 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

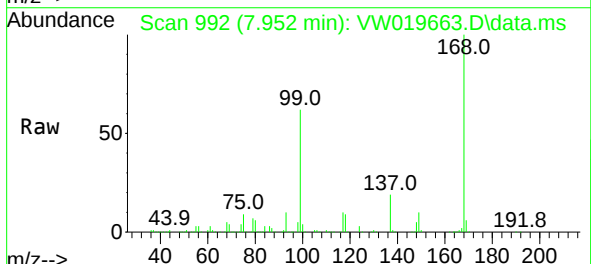
Instrument :
MSVOA_W
ClientSampled :



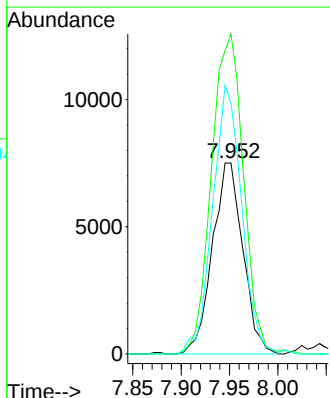
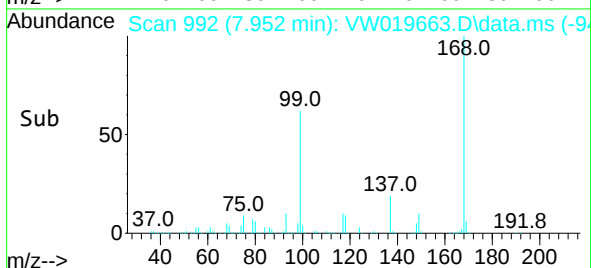
Tgt Ion:	84	Resp:	132122
Ion	Ratio	Lower	Upper
84	100		
49	117.7	97.2	145.8
51	37.1	30.1	45.1
86	64.4	49.9	74.9

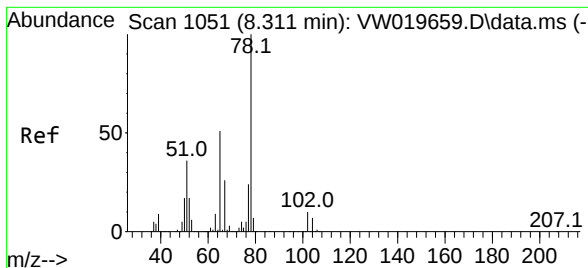


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.005 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42



Tgt Ion:	56	Resp:	16431
Ion	Ratio	Lower	Upper
56	100		
69	167.6	28.3	42.5#
84	131.2	68.1	102.1#

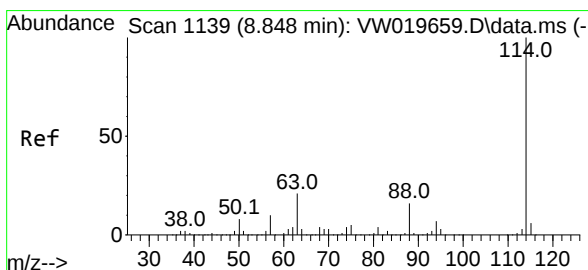
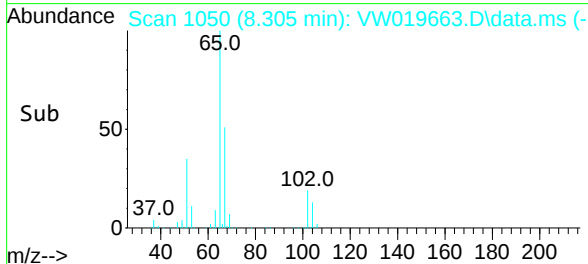
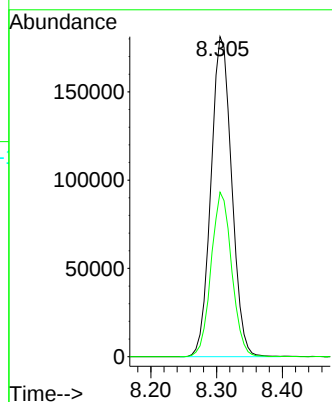
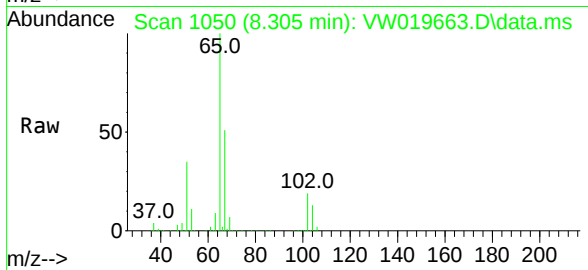




#33
1,2-Dichloroethane-d4
Concen: 48.306 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

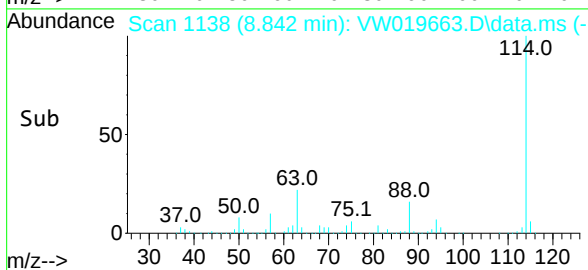
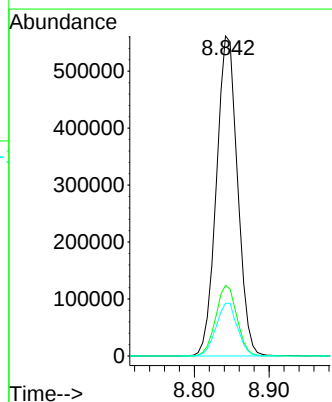
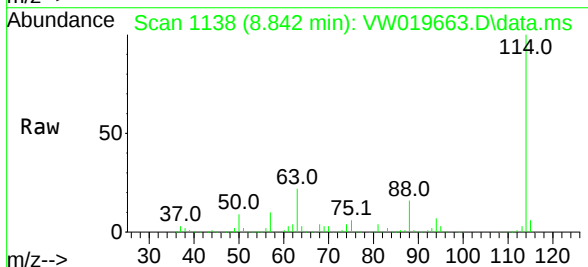
Instrument :
MSVOA_W
ClientSampled :

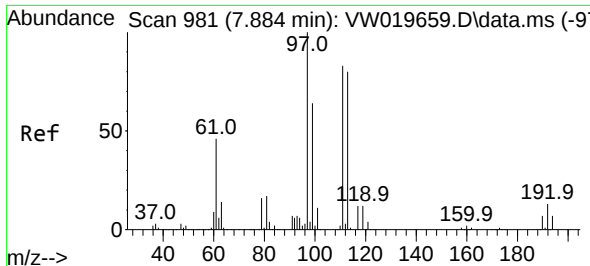
Tgt Ion: 65 Resp: 397883
Ion Ratio Lower Upper
65 100
67 50.9 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.001 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

Tgt Ion: 114 Resp: 1102250
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.8
88 16.5 0.0 33.4

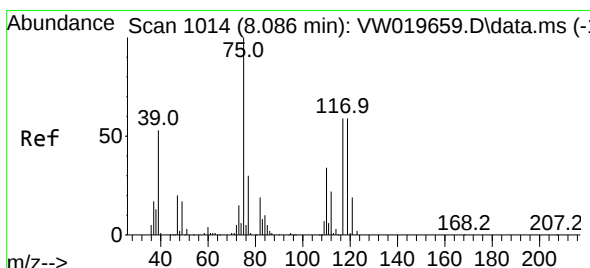
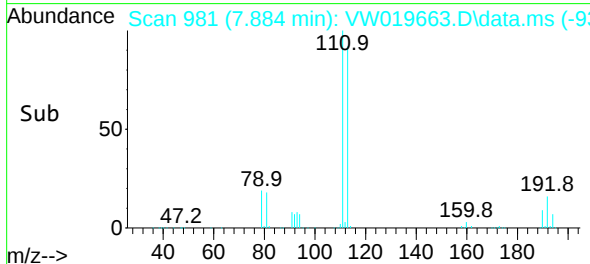
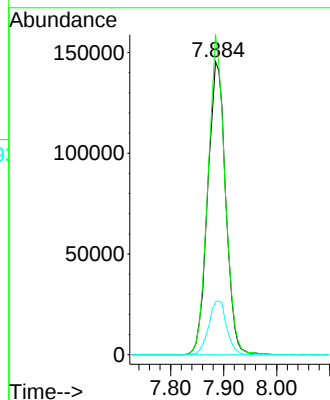
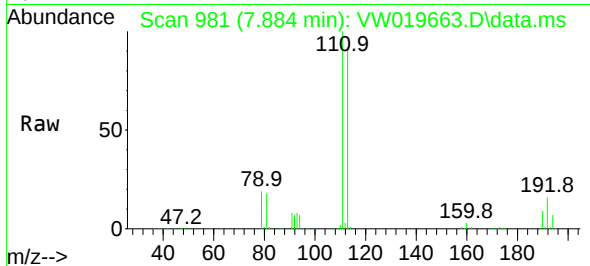




#35
Dibromofluoromethane
Concen: 46.926 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

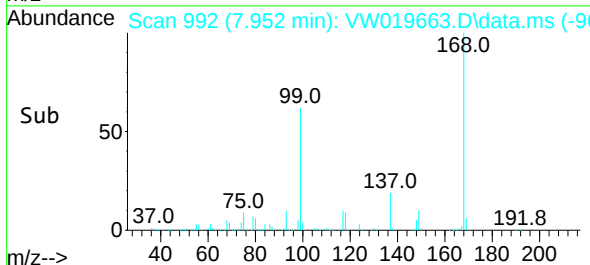
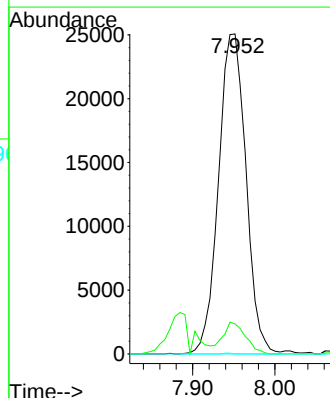
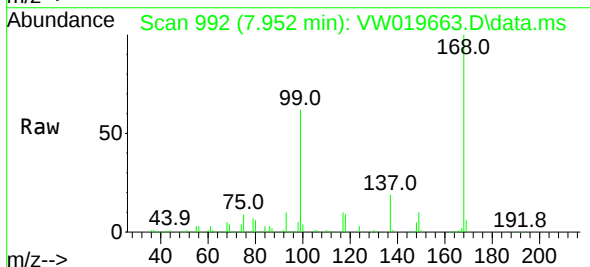
Instrument :
MSVOA_W
ClientSampleId :

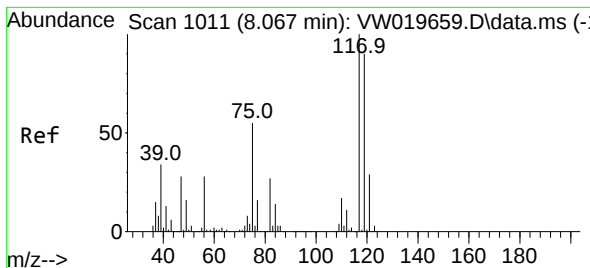
Tgt Ion:113 Resp: 341895
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.382 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

Tgt Ion: 75 Resp: 58132
Ion Ratio Lower Upper
75 100
110 8.4 16.6 49.7#
77 0.1 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.809 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.128 min

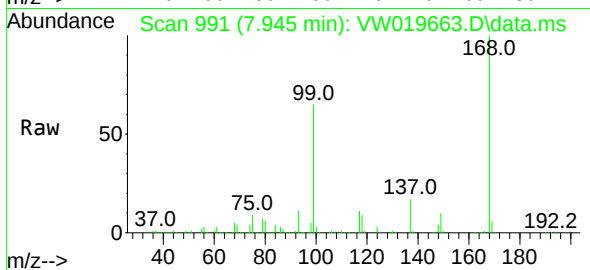
Lab File: VW019663.D

Acq: 03 Aug 2021 16:42

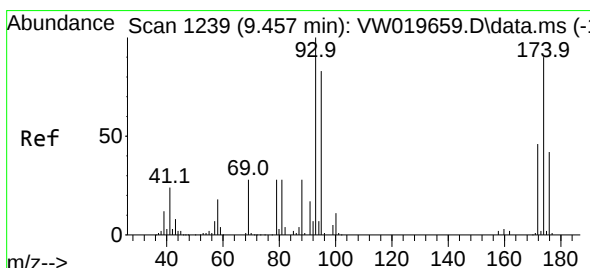
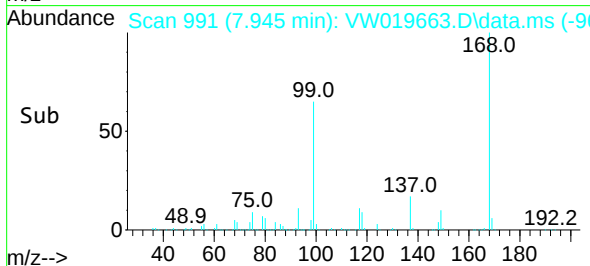
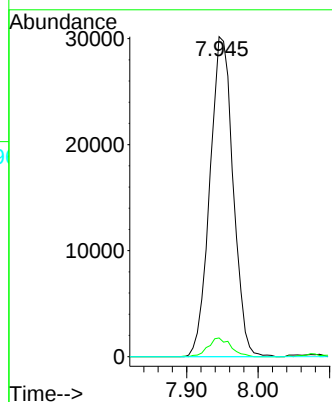
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	117	Resp:	68135
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.7	115.1#
121	0.0	24.8	37.2#



#49

1,4-Dioxane

Concen: 1.369 ug/l

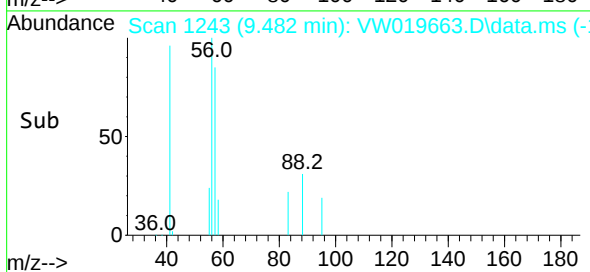
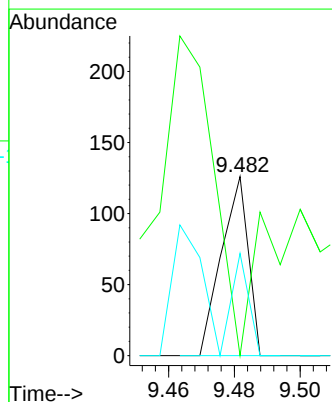
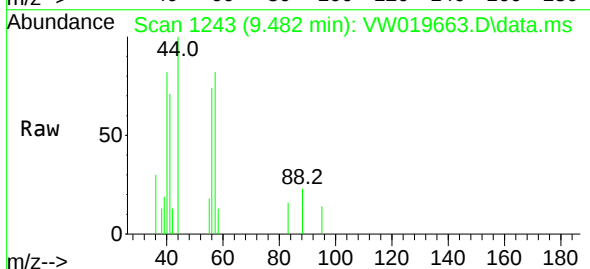
RT: 9.482 min Scan# 1243

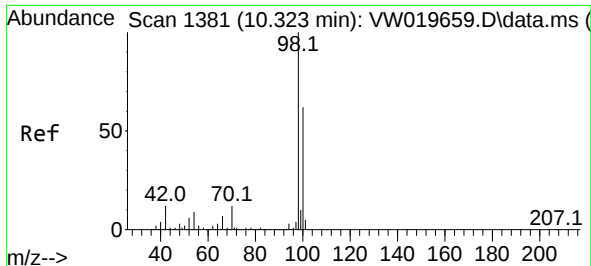
Delta R.T. 0.037 min

Lab File: VW019663.D

Acq: 03 Aug 2021 16:42

Tgt Ion:	88	Resp:	71
Ion	Ratio	Lower	Upper
88	100		
43	219.7	0.0	0.0#
58	0.0	61.8	92.6#

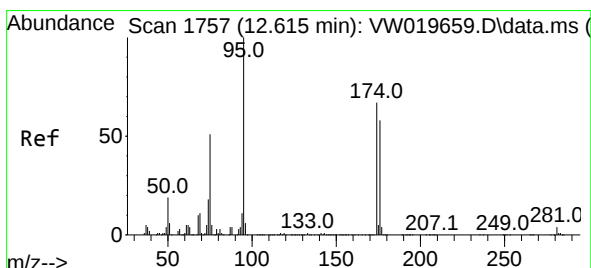
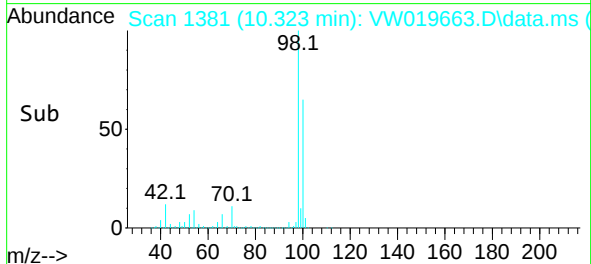
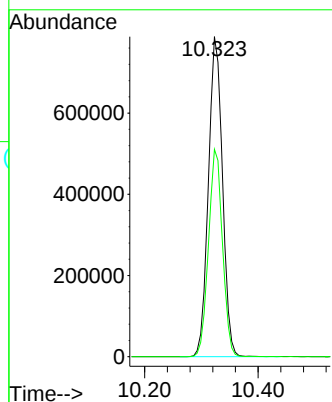
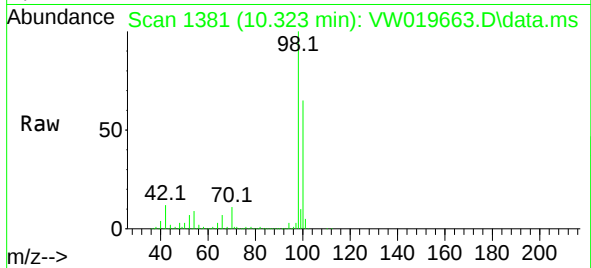




#50
Toluene-d8
Concen: 47.713 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

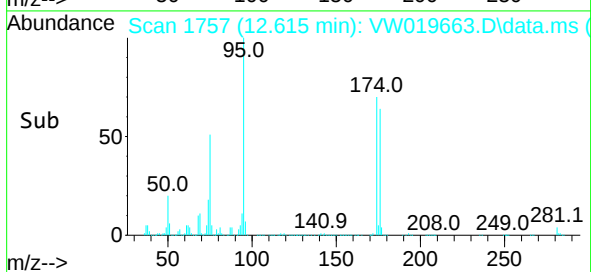
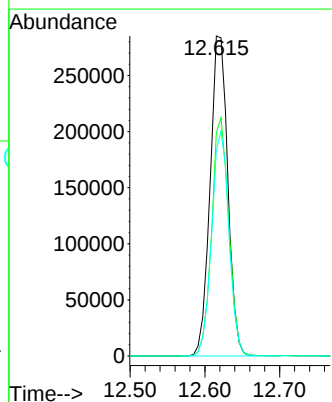
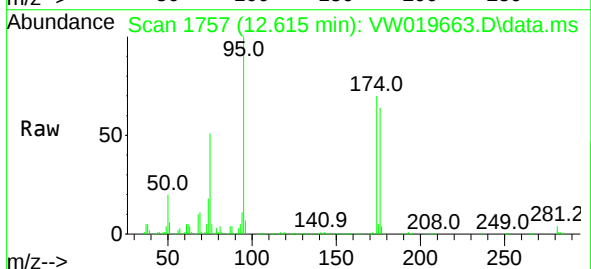
Instrument :
MSVOA_W
ClientSampled :

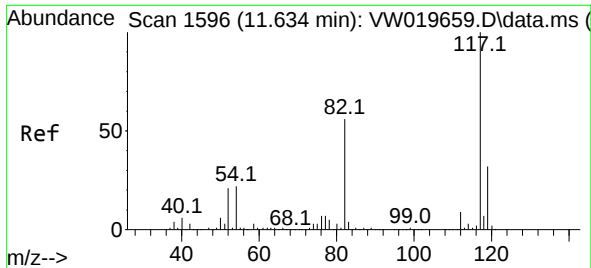
Tgt Ion: 98 Resp: 1358504
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.279 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

Tgt Ion: 95 Resp: 470149
Ion Ratio Lower Upper
95 100
174 72.2 0.0 146.6
176 68.7 0.0 136.8

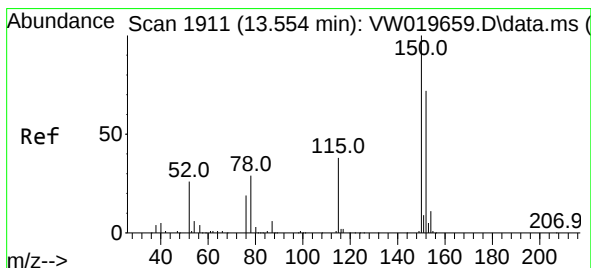
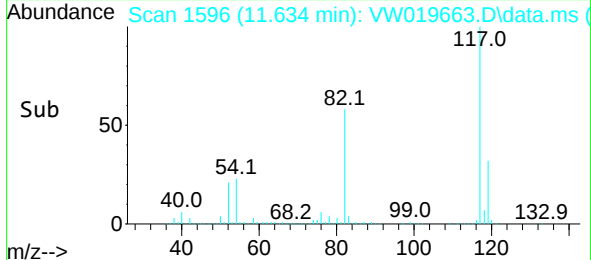
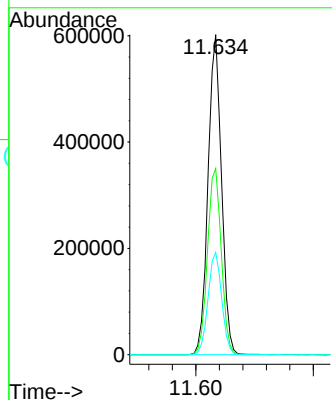
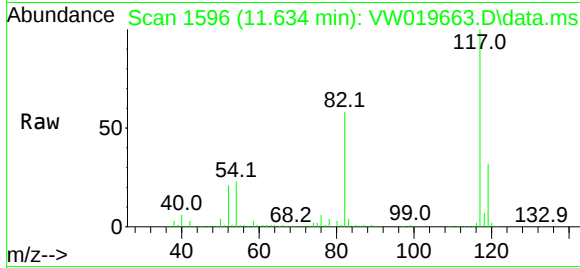




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

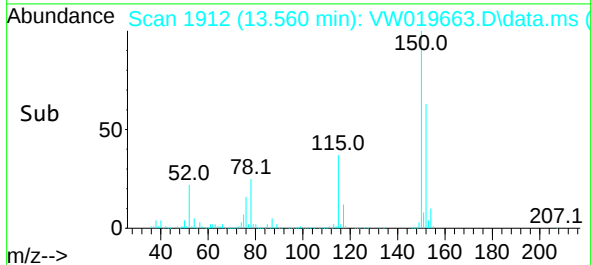
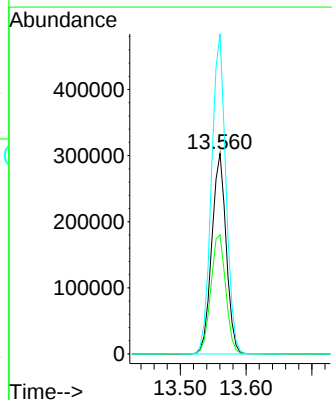
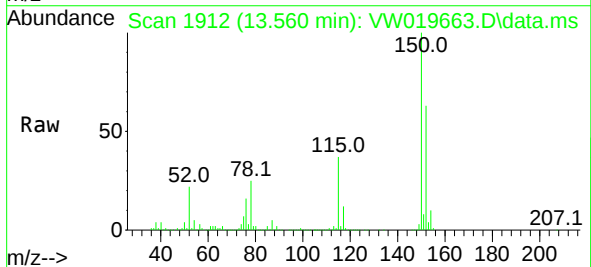
Instrument :
MSVOA_W
ClientSampleId :

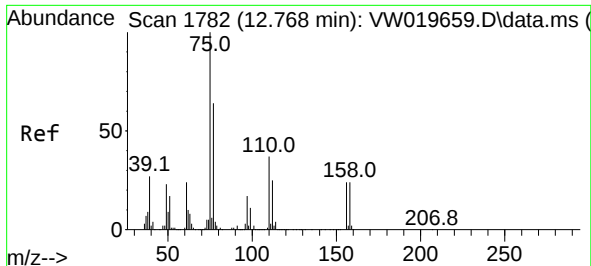
Tgt Ion:117 Resp: 958455
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.0
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

Tgt Ion:152 Resp: 463060
Ion Ratio Lower Upper
152 100
115 61.3 30.6 91.8
150 159.1 0.0 342.4

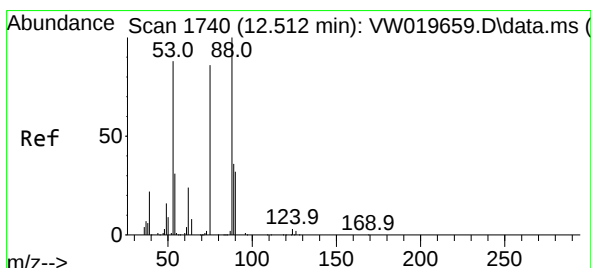
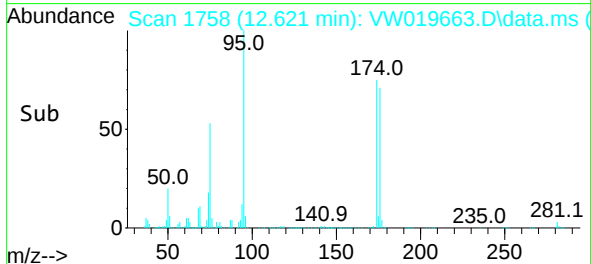
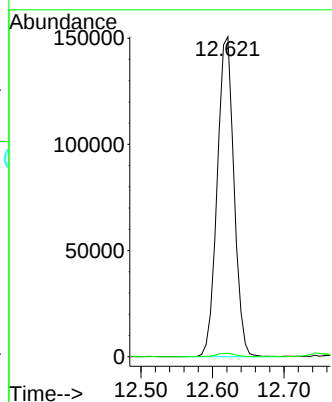
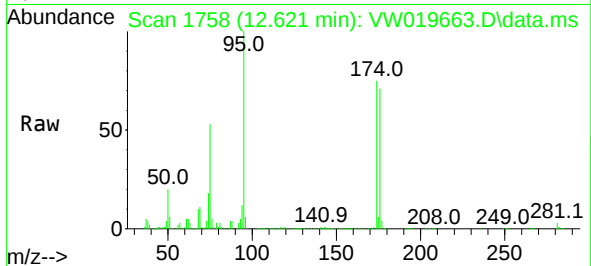




#76
1,2,3-Trichloropropane
Concen: 55.727 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

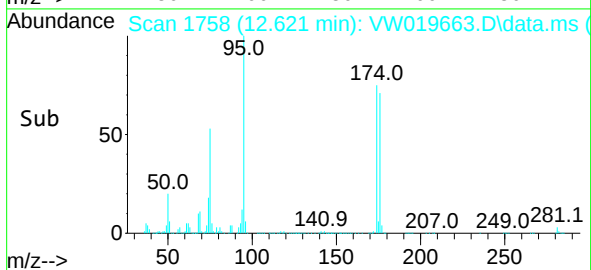
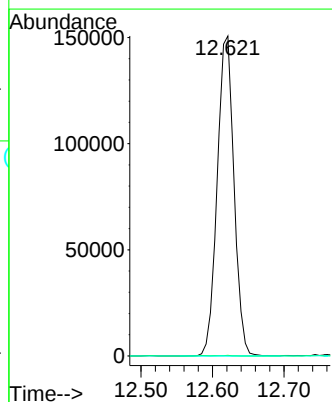
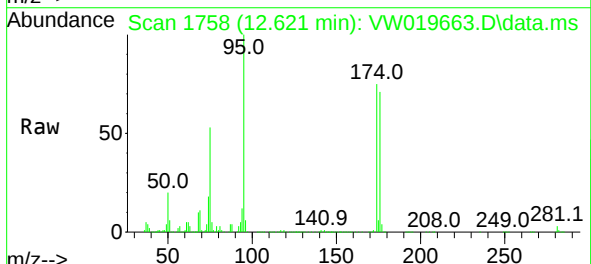
Instrument :
MSVOA_W
ClientSampleId :

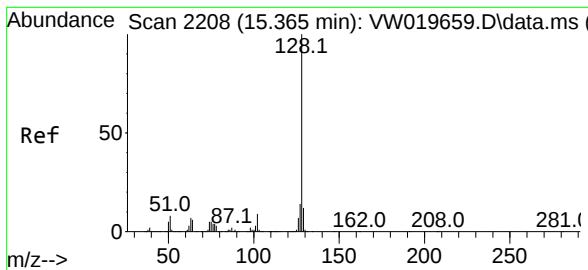
Tgt Ion: 75 Resp: 245680
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.529 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

Tgt Ion: 75 Resp: 245680
Ion Ratio Lower Upper
75 100
53 0.1 75.8 113.8#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 5.066 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019663.D
Acq: 03 Aug 2021 16:42

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	13498
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.2
129	10.3	8.8	13.2

