

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019274.D
 Acq On : 22 Jun 2021 17:22
 Operator : SY/VA
 Sample : M2801-02RE
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:43:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

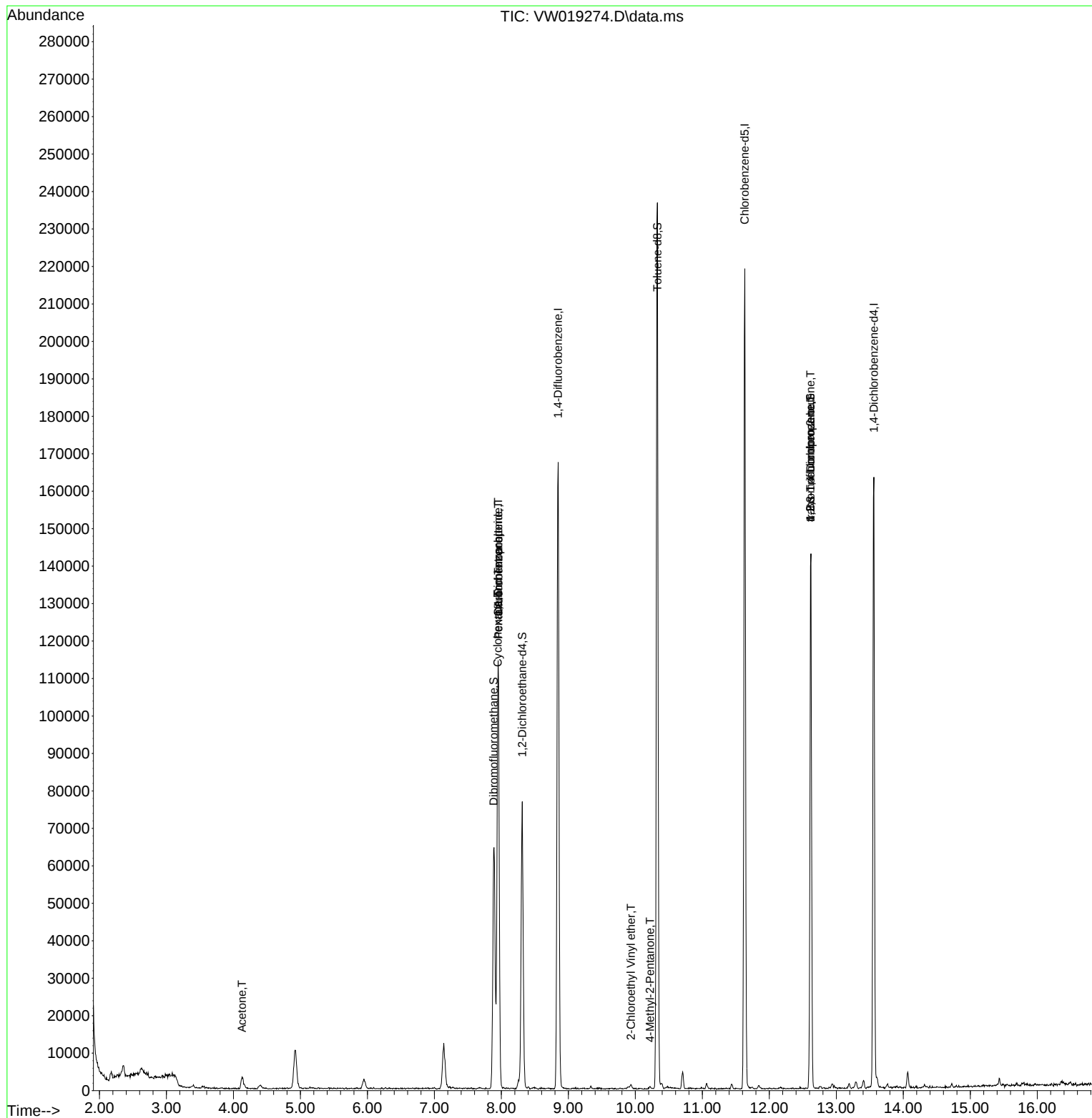
Internal Standards						
1) Pentafluorobenzene	7.957	168	79848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	141119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	116314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	40907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	59649	61.582	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.160%	
35) Dibromofluoromethane	7.884	113	47416	52.752	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.500%	
50) Toluene-d8	10.329	98	156674	43.542	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.080%	
62) 4-Bromofluorobenzene	12.615	95	47346	37.622	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.183	59	142	Below Cal	#	71
16) Acetone	4.129	43	5498	35.366	ug/l #	86
31) Cyclohexane	7.945	56	2401	1.458	ug/l #	36
36) 1,1-Dichloropropene	7.951	75	7410	4.962	ug/l #	49
38) Carbon Tetrachloride	7.951	117	8469	6.487	ug/l #	17
51) 4-Methyl-2-Pentanone	10.219	43	543	1.006	ug/l #	61
58) 2-Chloroethyl Vinyl ether	9.933	63	594	1.376	ug/l #	89
76) 1,2,3-Trichloropropane	12.615	75	25988	64.849	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	25988	157.318	ug/l #	9

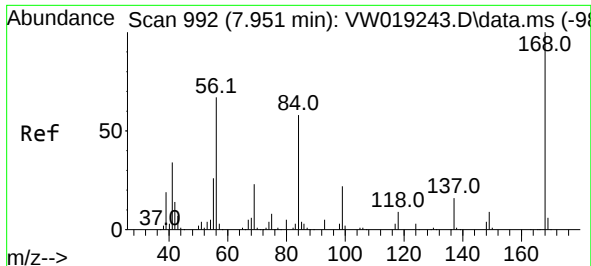
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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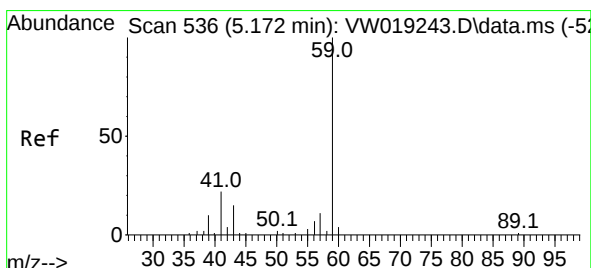
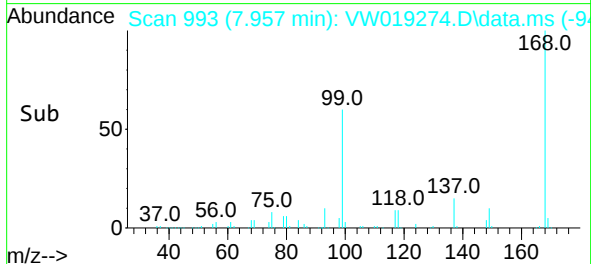
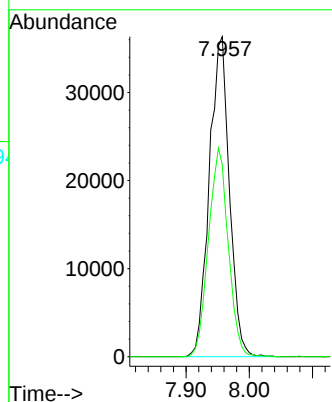
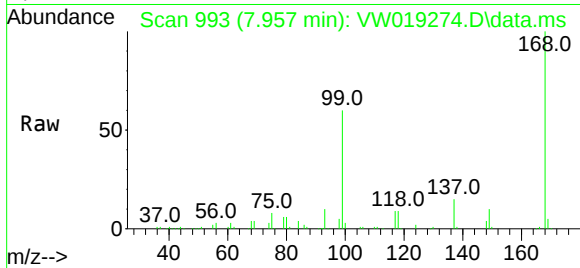




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.957 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

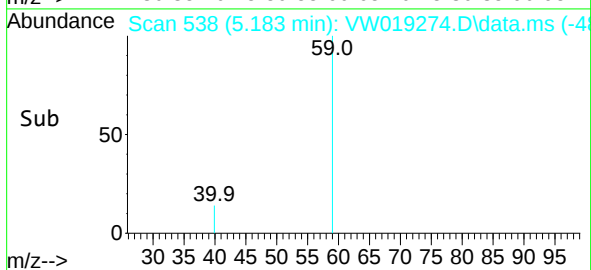
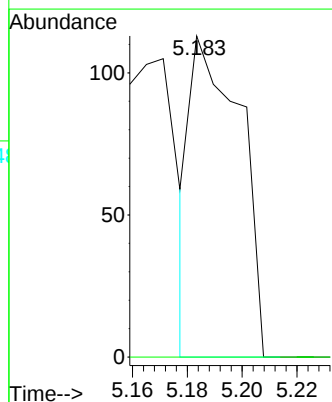
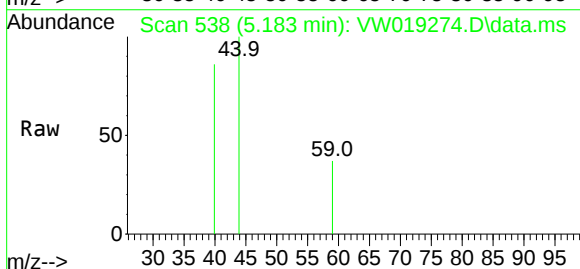
Instrument :
MSVOA_W
ClientSampled :

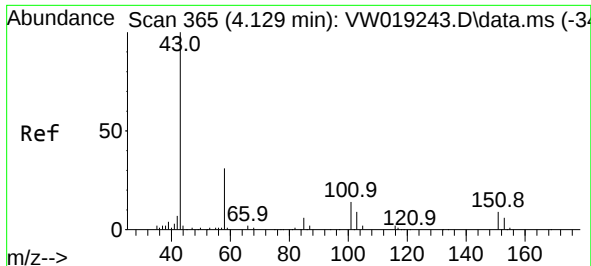
Tgt Ion:168 Resp: 79848
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.183 min Scan# 538
Delta R.T. 0.011 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

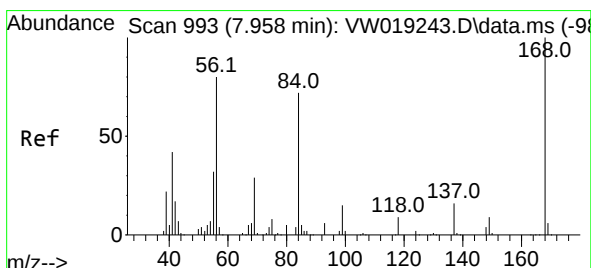
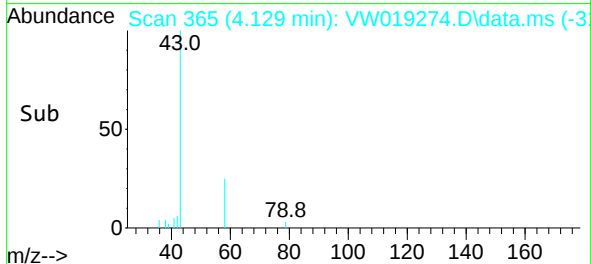
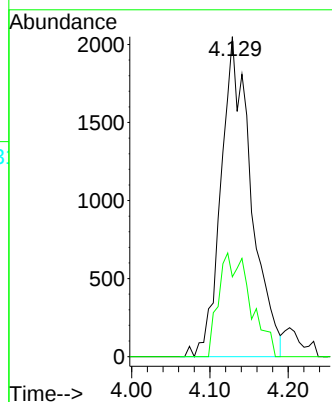
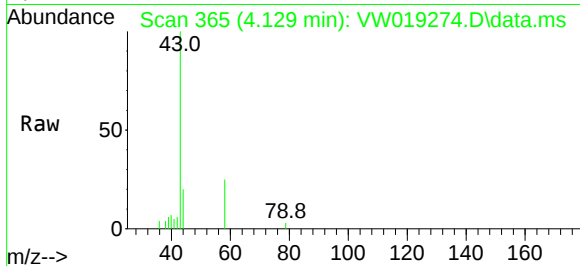




#16
Acetone
Concen: 35.366 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

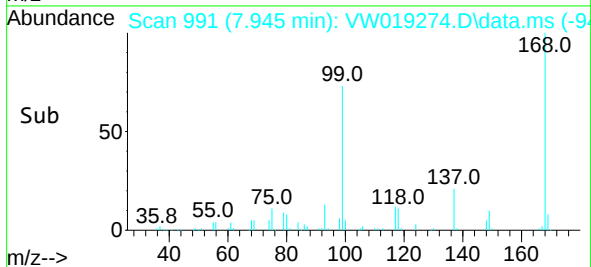
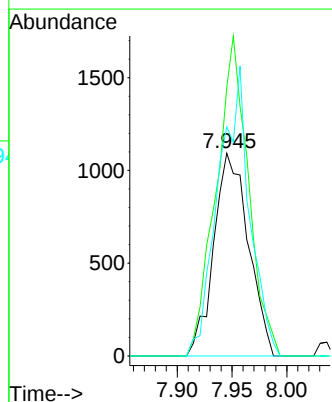
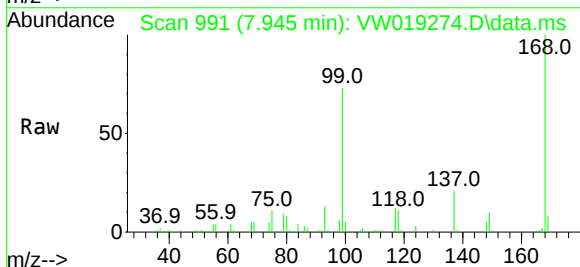
Instrument :
MSVOA_W
ClientSampleId :

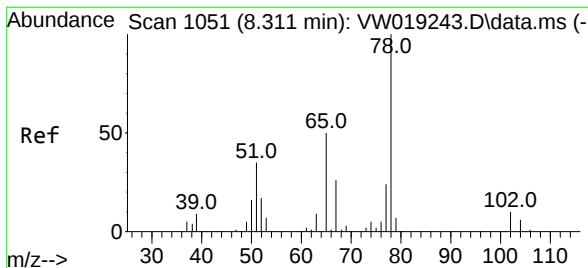
Tgt Ion: 43 Resp: 5498
Ion Ratio Lower Upper
43 100
58 24.9 26.4 39.6#



#31
Cyclohexane
Concen: 1.458 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

Tgt Ion: 56 Resp: 2401
Ion Ratio Lower Upper
56 100
69 132.5 28.4 42.6#
84 112.9 72.3 108.5#

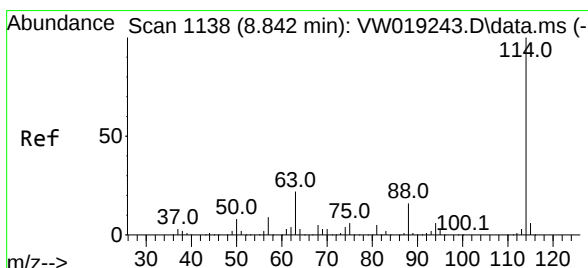
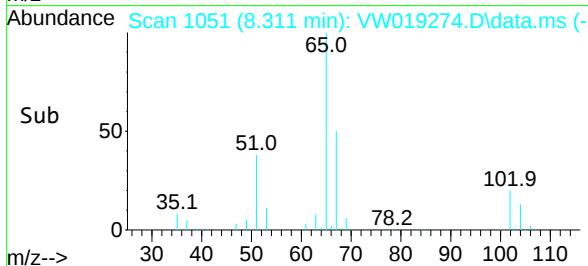
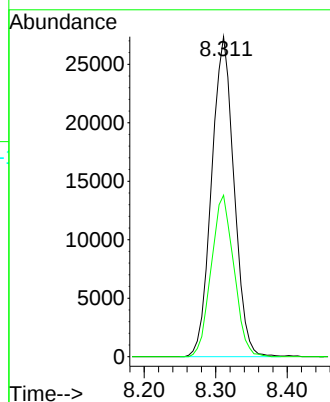
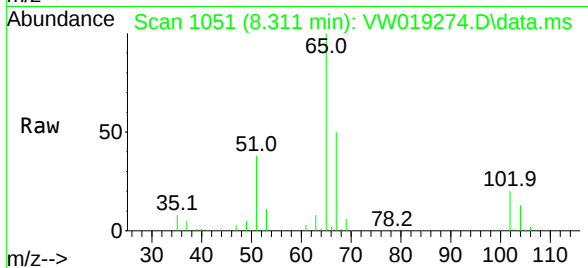




#33
1,2-Dichloroethane-d4
Concen: 61.582 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

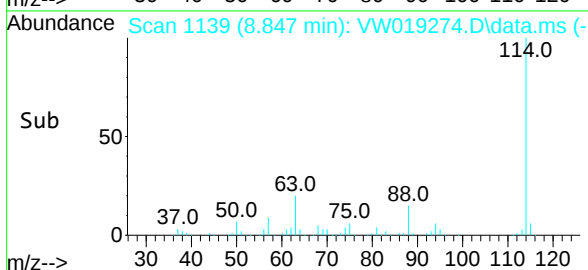
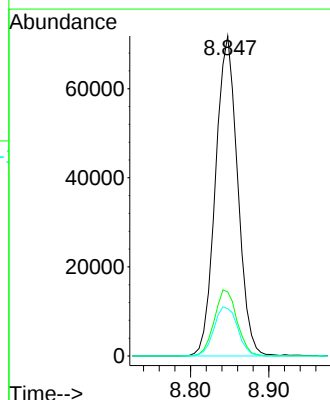
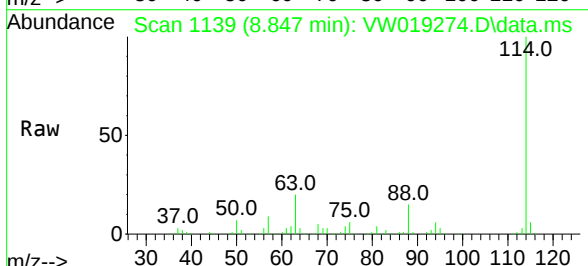
Instrument :
MSVOA_W
ClientSampleId :

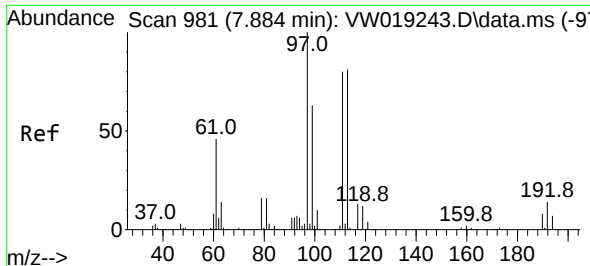
Tgt Ion: 65 Resp: 59649
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.847 min Scan# 1139
Delta R.T. 0.005 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

Tgt Ion: 114 Resp: 141119
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 14.8 0.0 33.2

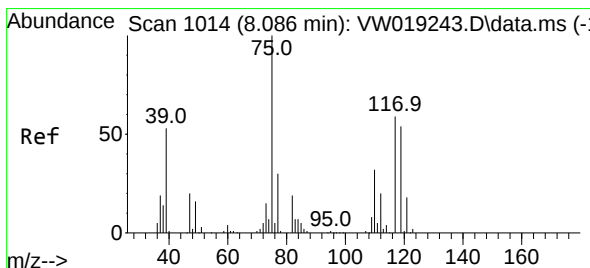
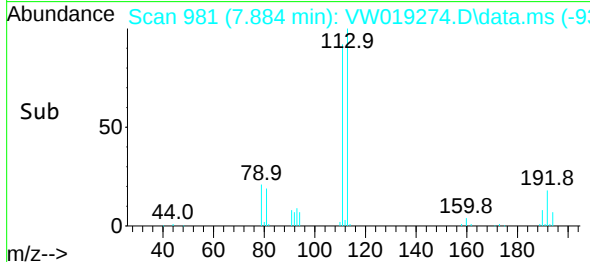
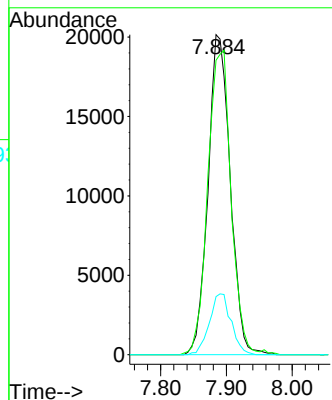
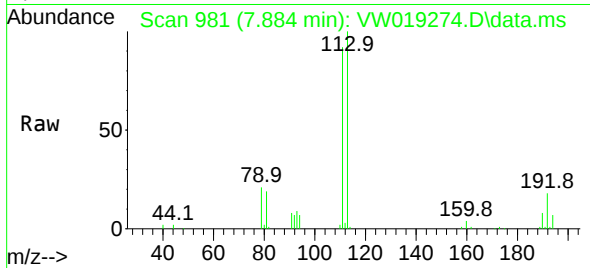




#35
Dibromofluoromethane
Concen: 52.752 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

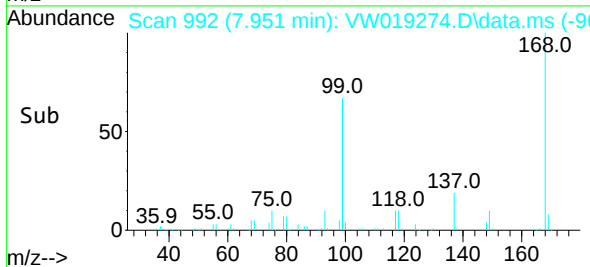
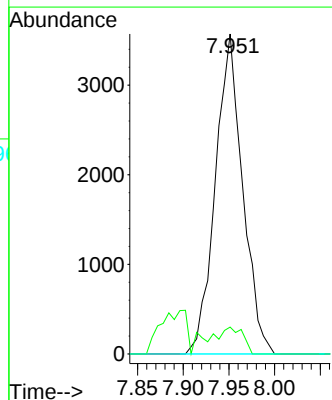
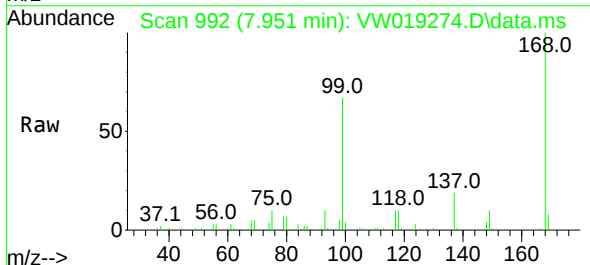
Instrument :
MSVOA_W
ClientSampleId :

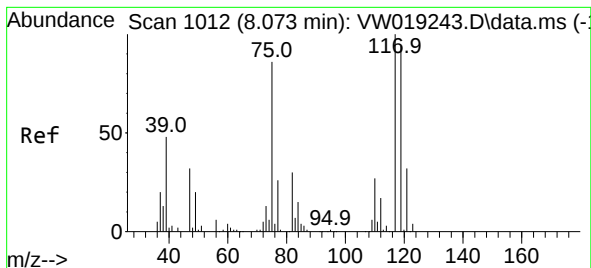
Tgt Ion:113 Resp: 47416
Ion Ratio Lower Upper
113 100
111 99.9 82.3 123.5
192 18.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

Tgt Ion: 75 Resp: 7410
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.2#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.487 ug/l

RT: 7.951 min Scan# 992

Delta R.T. -0.122 min

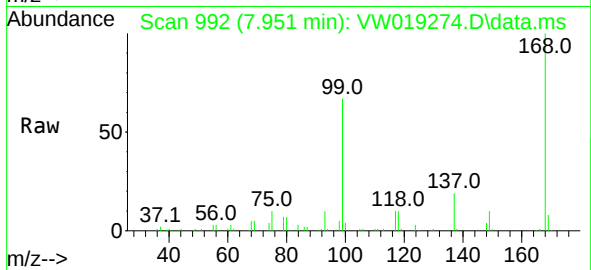
Lab File: VW019274.D

Acq: 22 Jun 2021 17:22

Instrument :

MSVOA_W

ClientSampled :



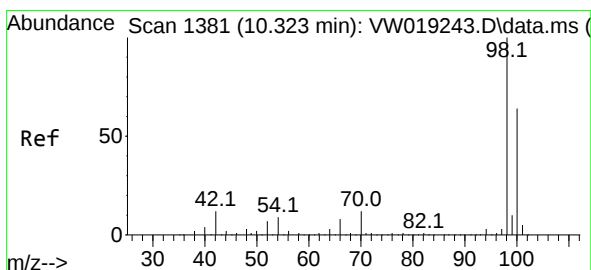
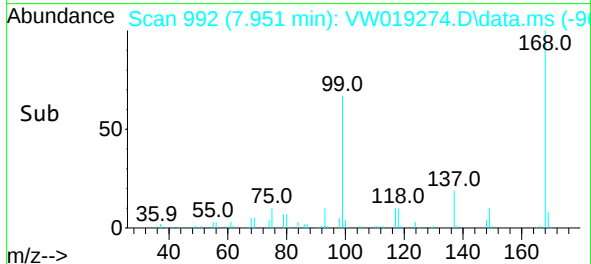
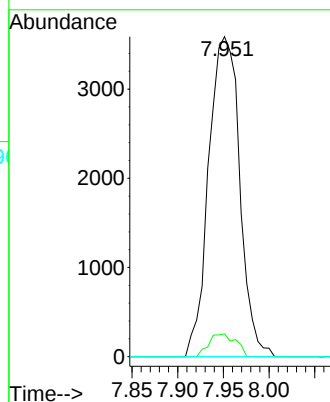
Tgt Ion:117 Resp: 8469

Ion Ratio Lower Upper

117 100

119 7.1 77.4 116.0#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 43.542 ug/l

RT: 10.329 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VW019274.D

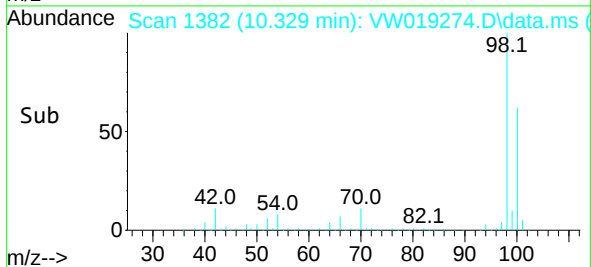
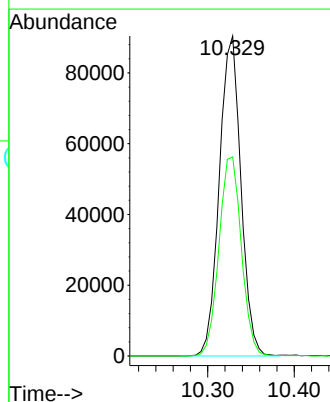
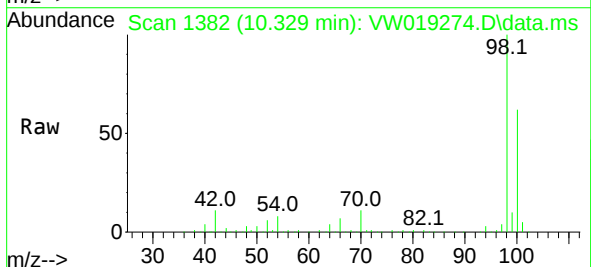
Acq: 22 Jun 2021 17:22

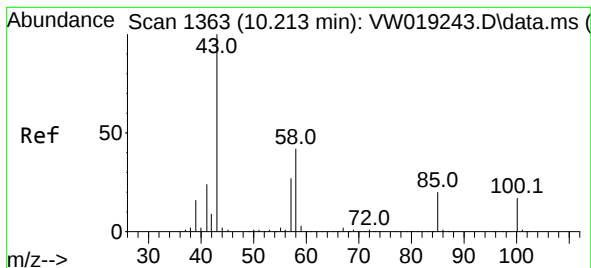
Tgt Ion: 98 Resp: 156674

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

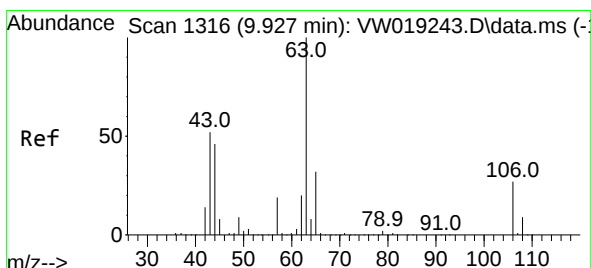
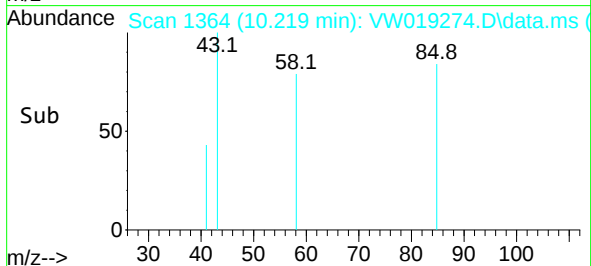
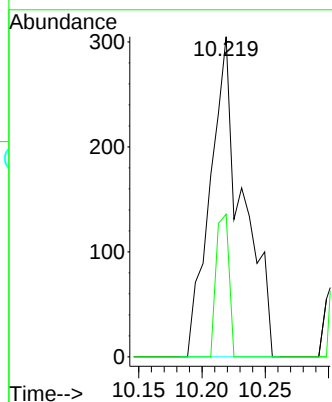
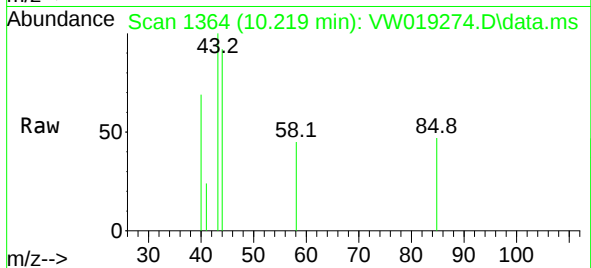




#51
4-Methyl-2-Pentanone
Concen: 1.006 ug/l
RT: 10.219 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

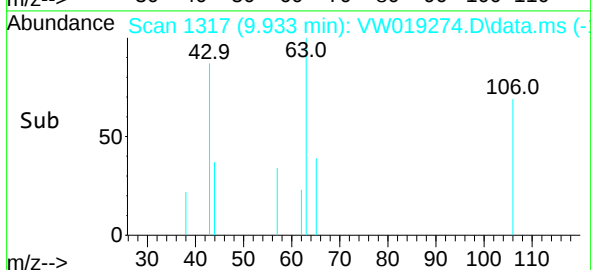
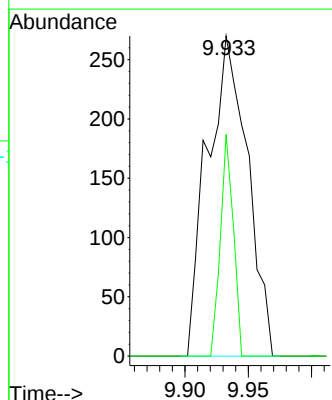
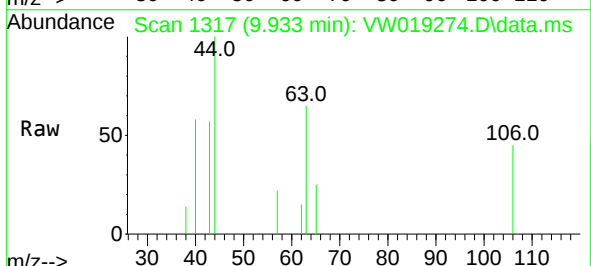
Instrument :
MSVOA_W
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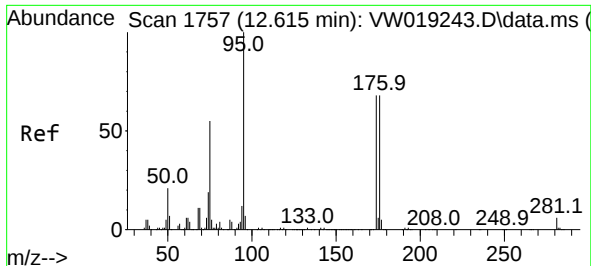
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 17.7 34.2 51.4#



#58
2-Chloroethyl Vinyl ether
Concen: 1.376 ug/l
RT: 9.933 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

Tgt Ion: 63 Resp: 594
Ion Ratio Lower Upper
63 100
106 22.2 22.3 33.5#

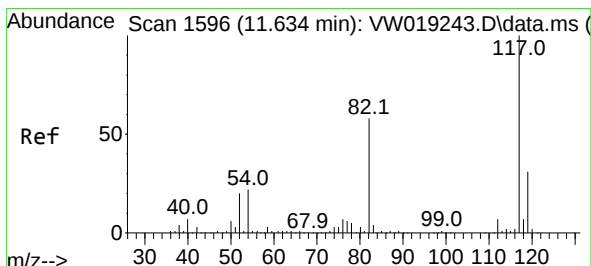
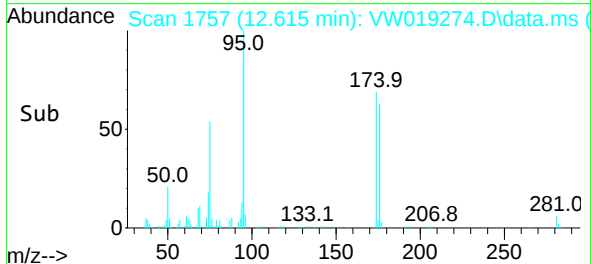
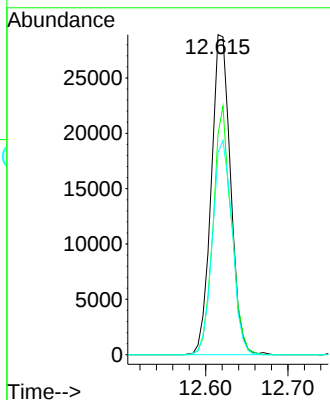
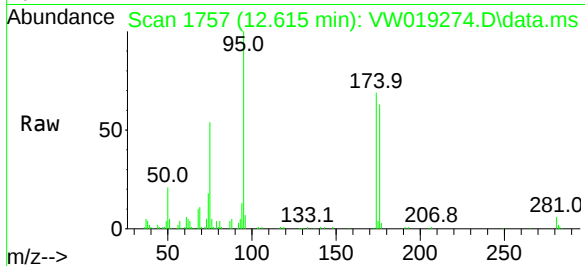




#62
4-Bromofluorobenzene
Concen: 37.622 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

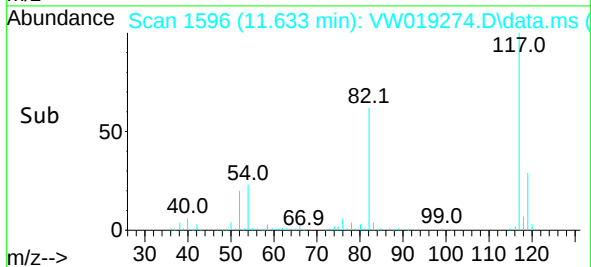
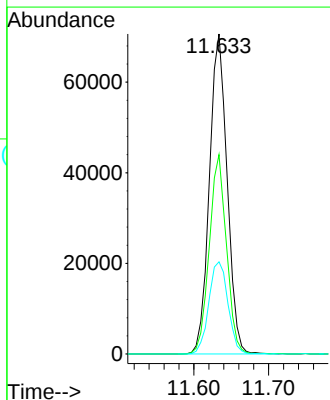
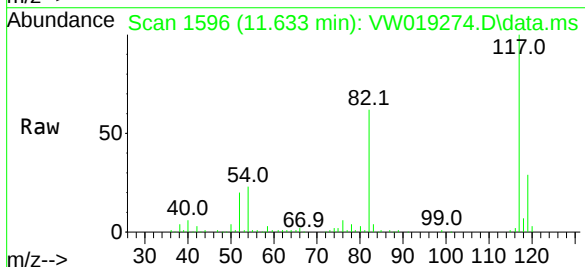
Instrument :
MSVOA_W
ClientSampleId :

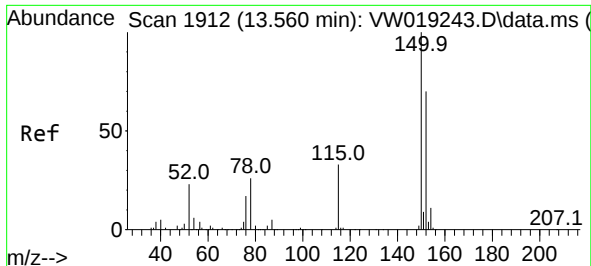
Tgt Ion: 95 Resp: 47346
Ion Ratio Lower Upper
95 100
174 72.8 0.0 156.2
176 68.1 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

Tgt Ion: 117 Resp: 116314
Ion Ratio Lower Upper
117 100
82 62.3 44.4 66.6
119 28.8 24.6 36.8

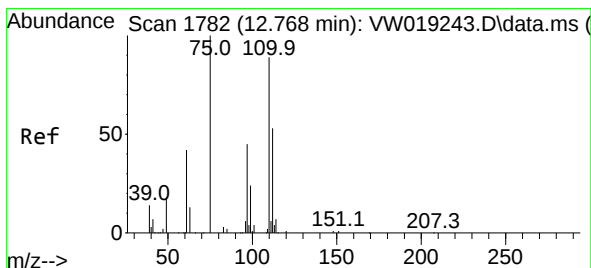
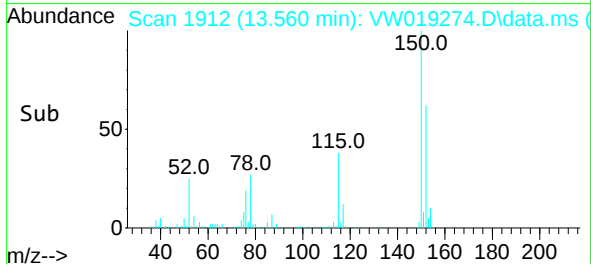
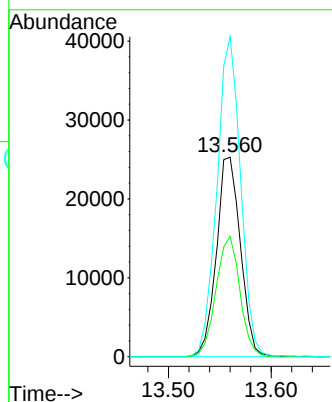
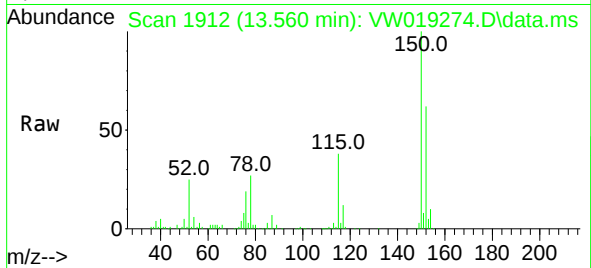




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

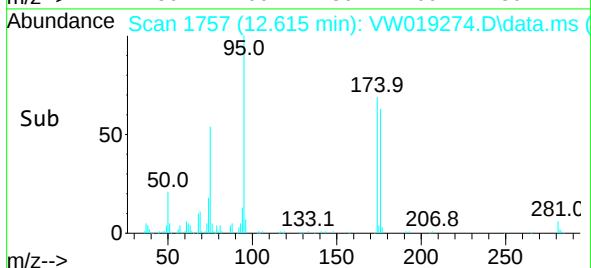
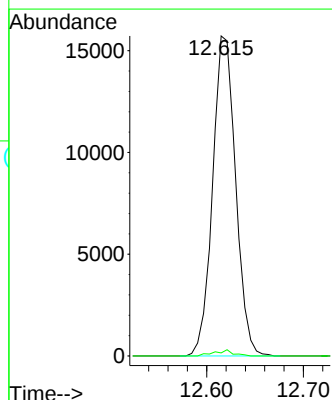
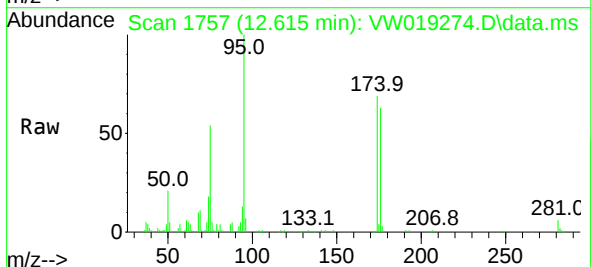
Instrument :
MSVOA_W
ClientSampled :

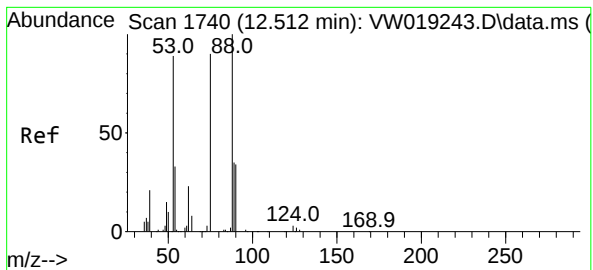
Tgt Ion:152 Resp: 40907
Ion Ratio Lower Upper
152 100
115 60.0 30.3 90.8
150 158.4 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 64.849 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019274.D
Acq: 22 Jun 2021 17:22

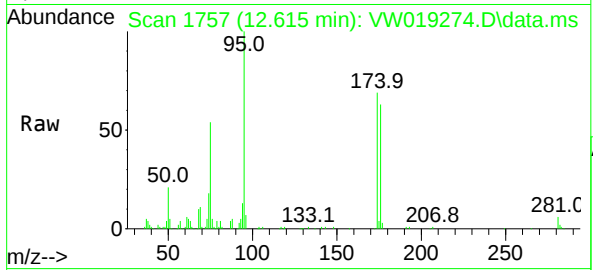
Tgt Ion: 75 Resp: 25988
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.318 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW019274.D
 Acq: 22 Jun 2021 17:22

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	25988
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.5	122.3#
89	0.0	36.3	54.5#

