

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043192.D
 Acq On : 19 Apr 2021 14:31
 Operator : SY/MD
 Sample : M2069-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:55:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

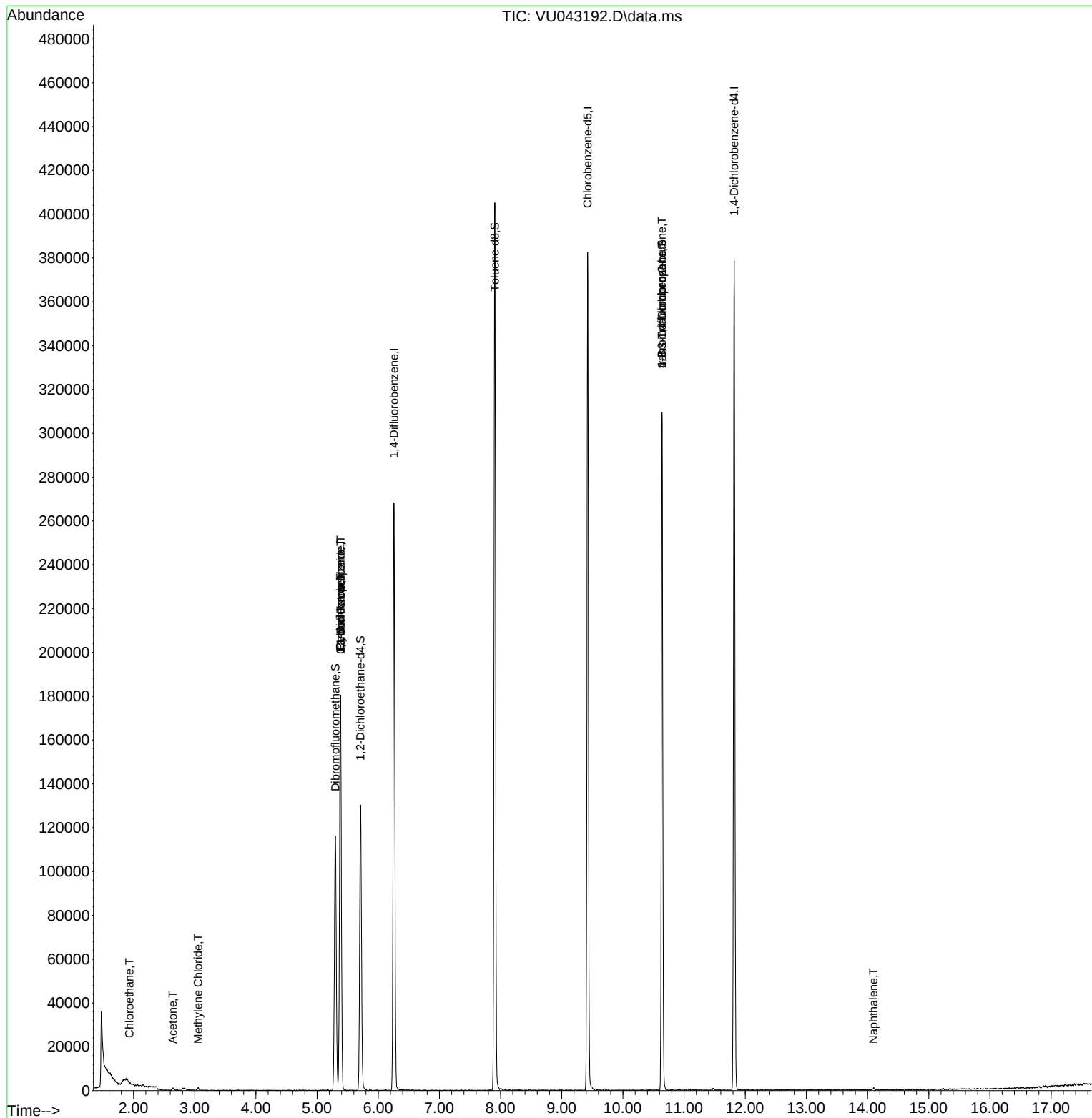
Internal Standards						
1) Pentafluorobenzene	5.382	168	122113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	199784	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	194396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101667	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	5.298	113	70751	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	7.906	98	251528	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	10.639	95	91061	42.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.62%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	546	Below Cal	#	41
6) Chloroethane	1.932	64	295	0.27 ug/l	#	42
16) Acetone	2.642	43	1975	1.33 ug/l		99
20) Methylene Chloride	3.054	84	528	0.36 ug/l	#	73
31) Cyclohexane	5.382	56	3117	1.23 ug/l	#	36
36) 1,1-Dichloropropene	5.385	75	10089	4.76 ug/l	#	51
38) Carbon Tetrachloride	5.385	117	12051	5.30 ug/l	#	16
76) 1,2,3-Trichloropropane	10.639	75	53812	19.87 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	53812	58.38 ug/l	#	7
95) Naphthalene	14.095	128	1307	2.93 ug/l	#	76

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

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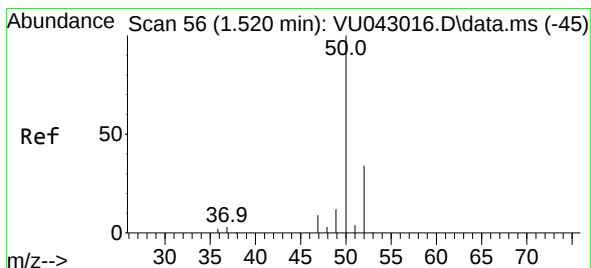
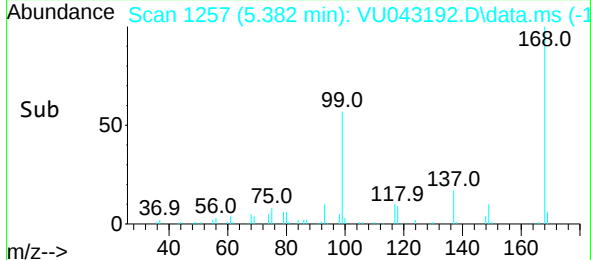
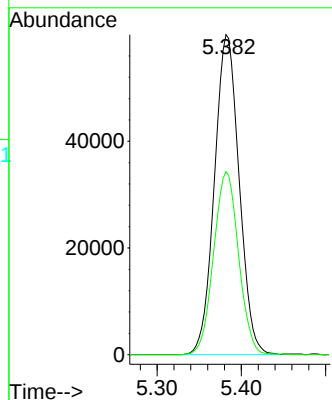
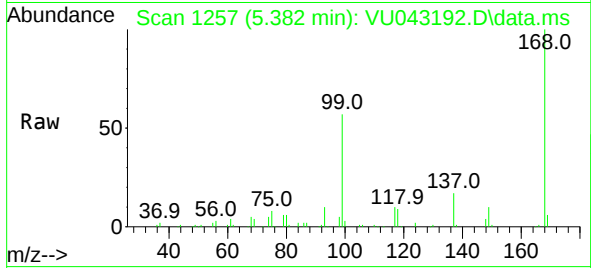




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043192.D
Acq: 19 Apr 2021 14:31

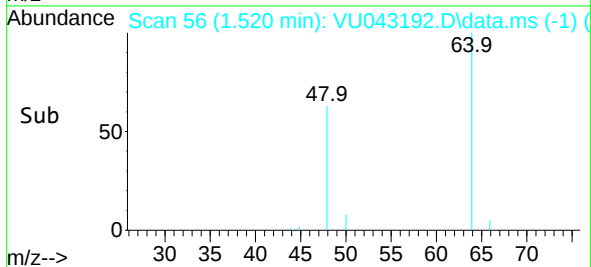
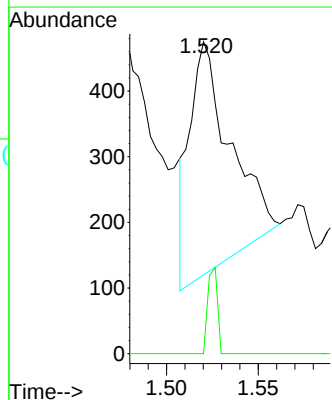
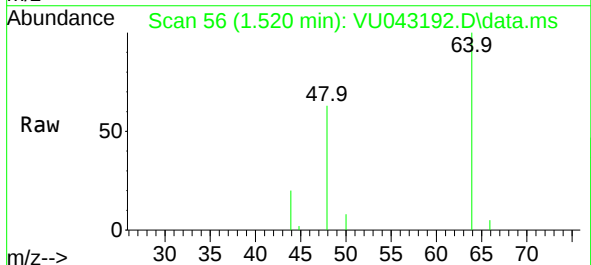
Instrument :
MSVOA_U
ClientSampled :

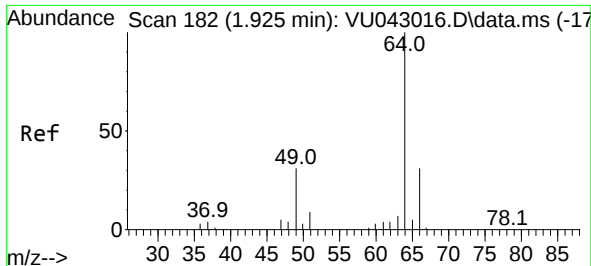
Tgt Ion:168 Resp: 122113
Ion Ratio Lower Upper
168 100
99 57.2 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043192.D
Acq: 19 Apr 2021 14:31

Tgt Ion: 50 Resp: 546
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

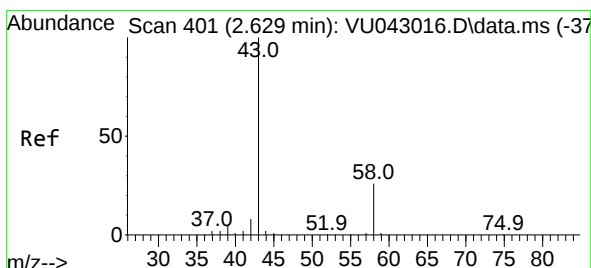
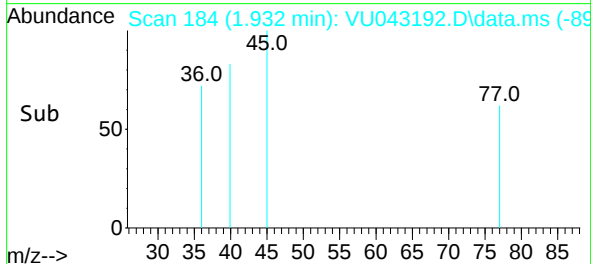
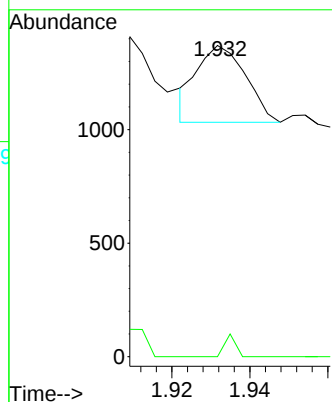
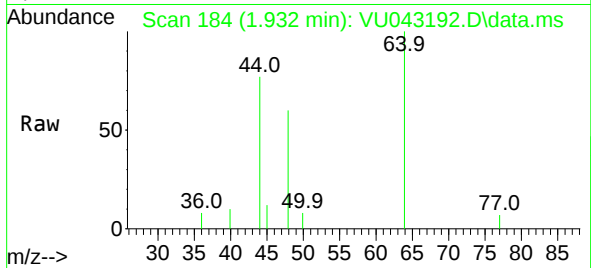




#6
Chloroethane
Concen: 0.27 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.007 min
Lab File: VU043192.D
Acq: 19 Apr 2021 14:31

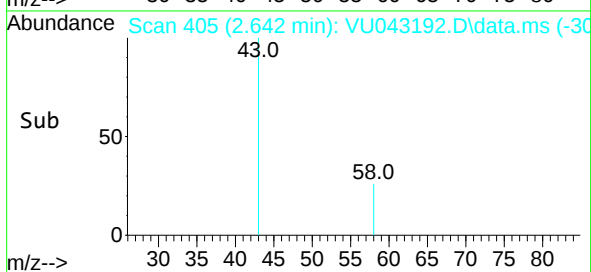
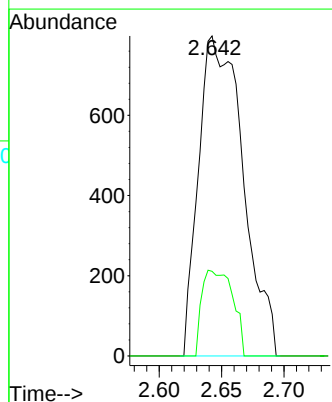
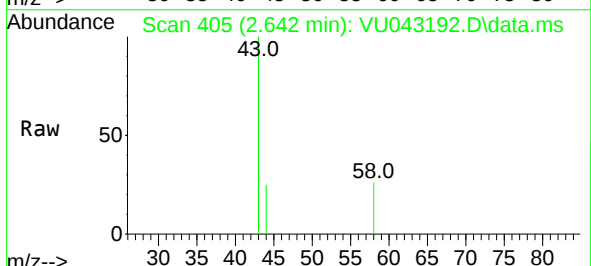
Instrument :
MSVOA_U
ClientSampled :

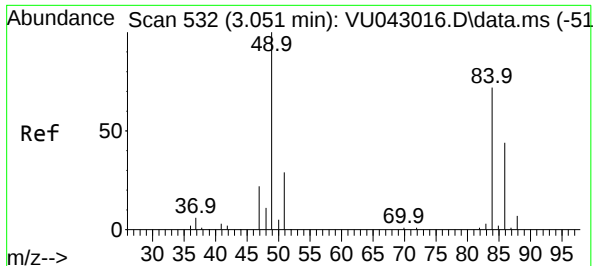
Tgt Ion: 64 Resp: 295
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#16
Acetone
Concen: 1.33 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043192.D
Acq: 19 Apr 2021 14:31

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 26.4 21.5 32.3





#20

Methylene Chloride

Concen: 0.36 ug/l

RT: 3.054 min Scan# 533

Delta R.T. 0.003 min

Lab File: VU043192.D

Acq: 19 Apr 2021 14:31

Tgt Ion: 84 Resp: 528

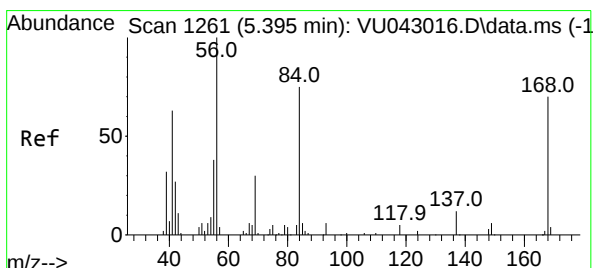
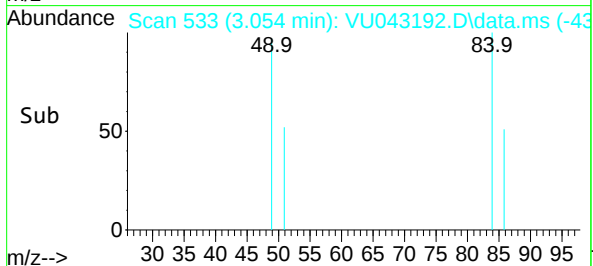
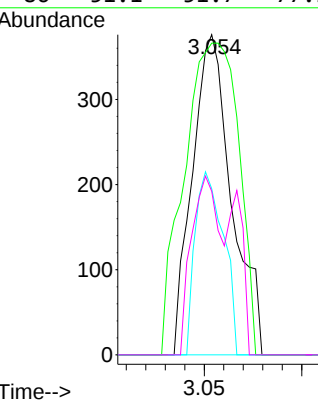
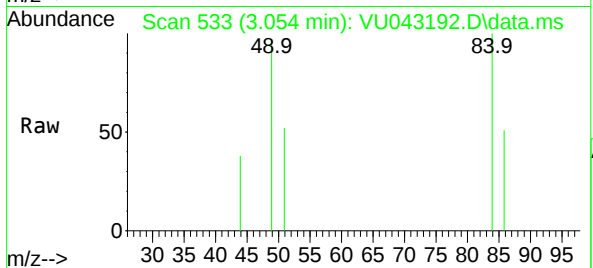
Ion Ratio Lower Upper

84 100

49 97.3 112.6 169.0#

51 51.9 33.7 50.5#

86 51.1 51.7 77.5#



#31

Cyclohexane

Concen: 1.23 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043192.D

Acq: 19 Apr 2021 14:31

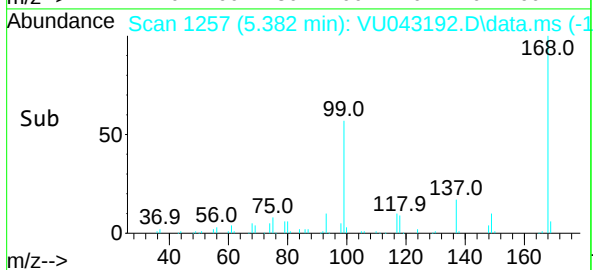
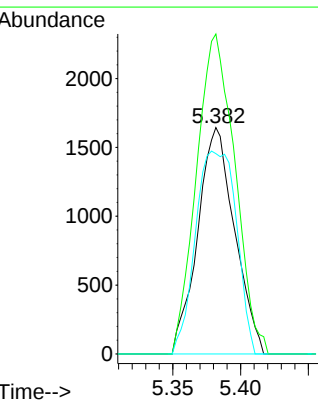
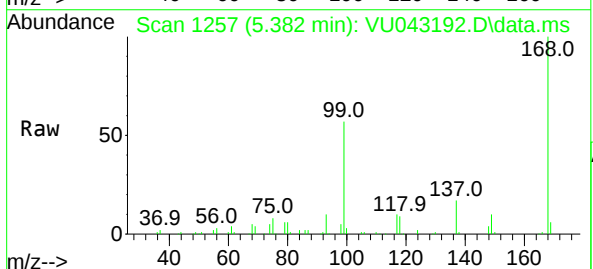
Tgt Ion: 56 Resp: 3117

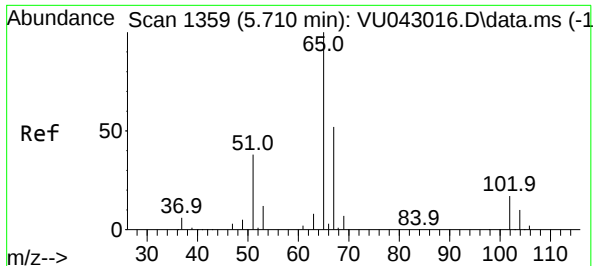
Ion Ratio Lower Upper

56 100

69 141.4 24.9 37.3#

84 88.5 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 49.53 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

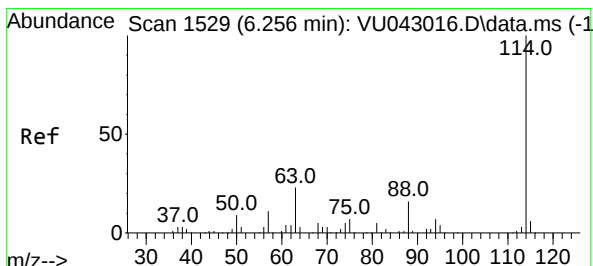
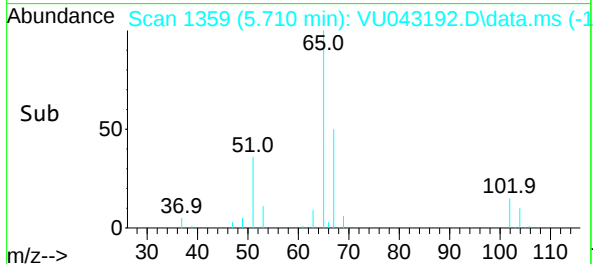
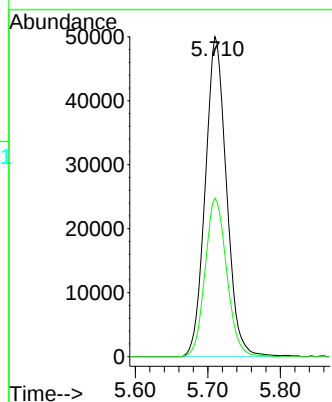
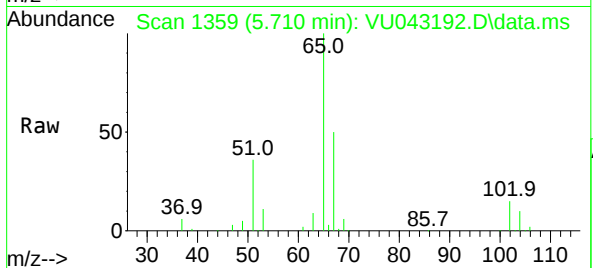
Lab File: VU043192.D

Acq: 19 Apr 2021 14:31

Tgt Ion: 65 Resp: 101667

Ion Ratio Lower Upper

65	100		
67	50.4	0.0	99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

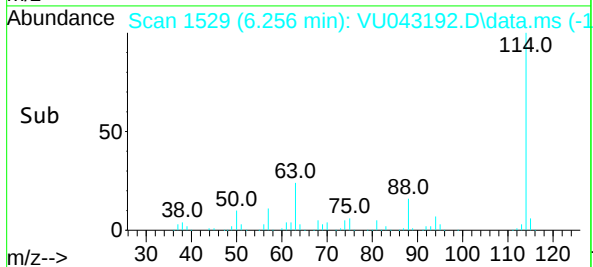
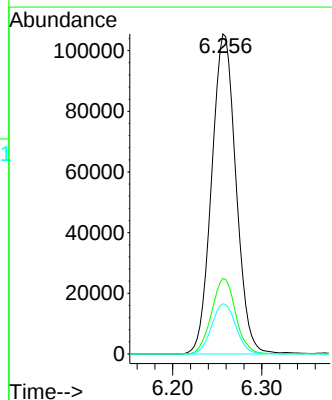
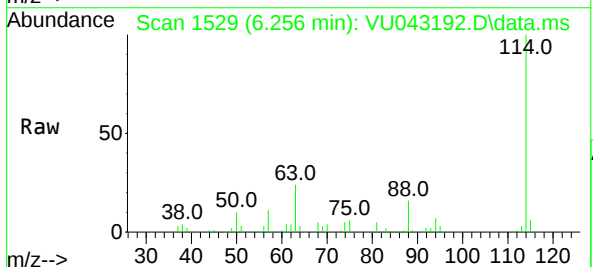
Lab File: VU043192.D

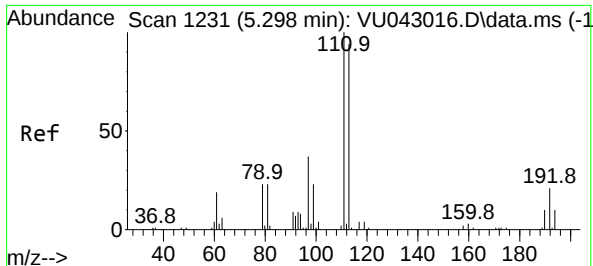
Acq: 19 Apr 2021 14:31

Tgt Ion: 114 Resp: 199784

Ion Ratio Lower Upper

114	100		
63	23.6	0.0	44.2
88	15.7	0.0	33.4





#35

Dibromofluoromethane

Concen: 47.13 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043192.D

Acq: 19 Apr 2021 14:31

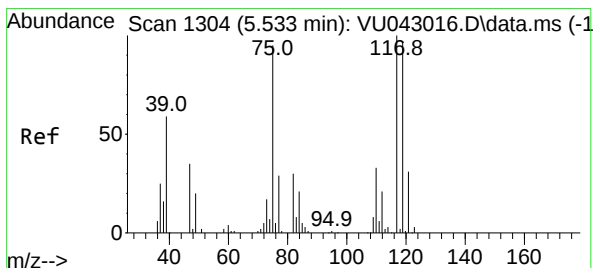
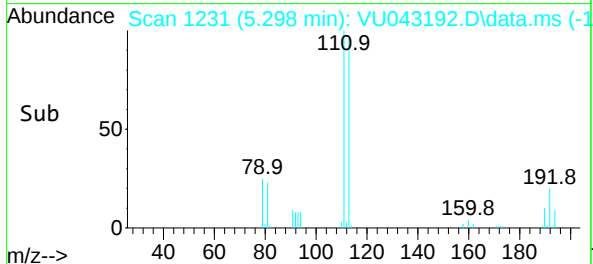
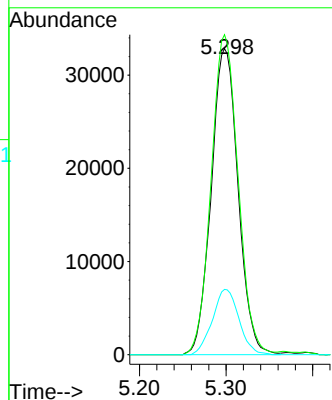
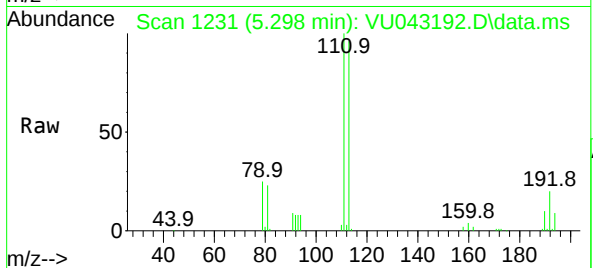
Tgt Ion:113 Resp: 70751

Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.8

192 21.1 17.2 25.8



#36

1,1-Dichloropropene

Concen: 4.76 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.148 min

Lab File: VU043192.D

Acq: 19 Apr 2021 14:31

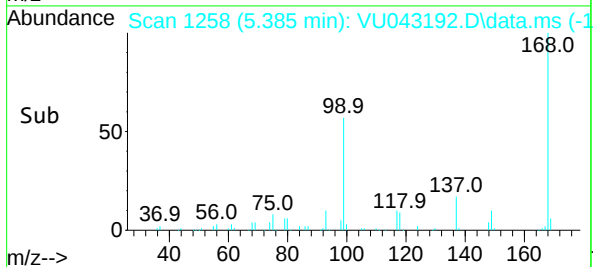
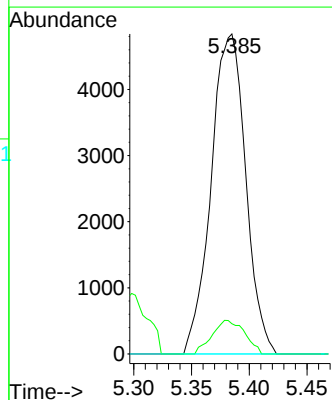
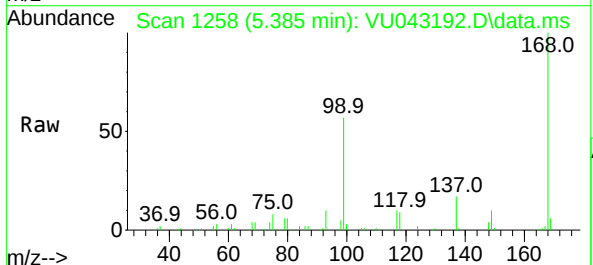
Tgt Ion: 75 Resp: 10089

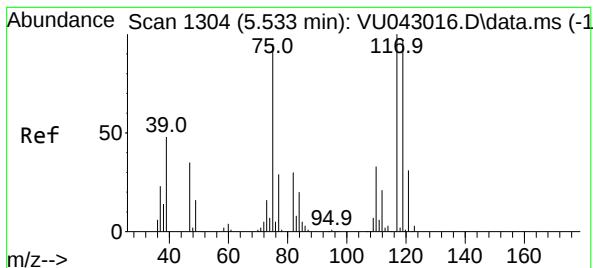
Ion Ratio Lower Upper

75 100

110 9.9 16.8 50.3#

77 0.0 24.8 37.2#

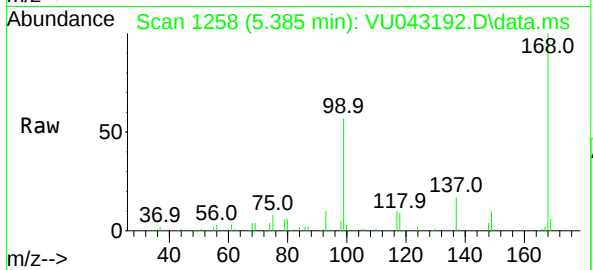




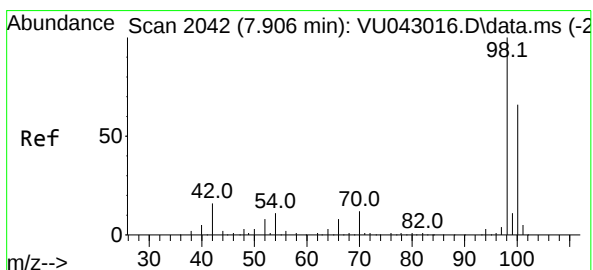
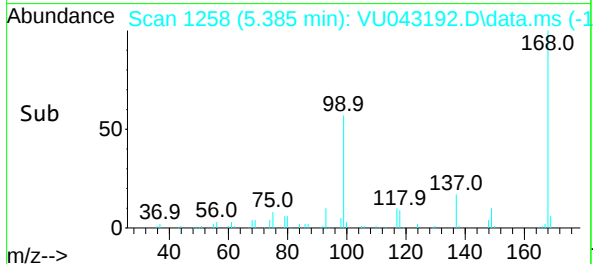
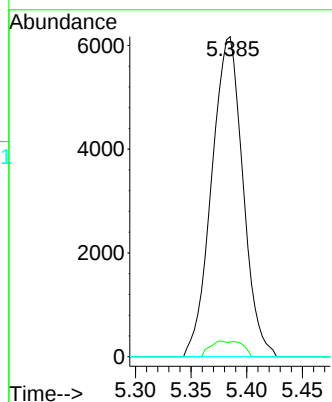
#38

Carbon Tetrachloride
 Concen: 5.30 ug/l
 RT: 5.385 min Scan# 1258
 Delta R.T. -0.148 min
 Lab File: VU043192.D
 Acq: 19 Apr 2021 14:31

Instrument :
 MSVOA_U
 ClientSampled :



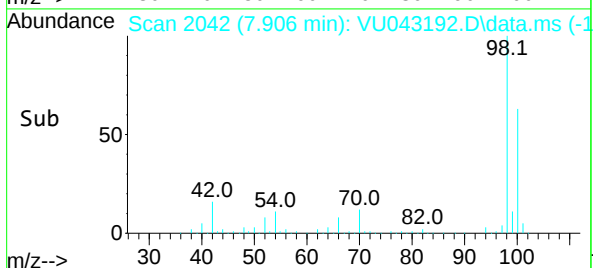
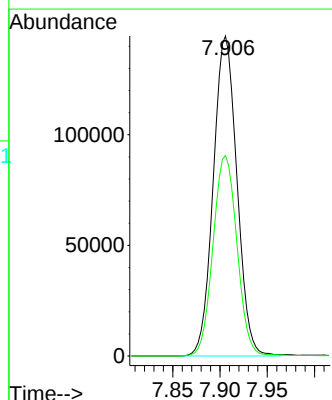
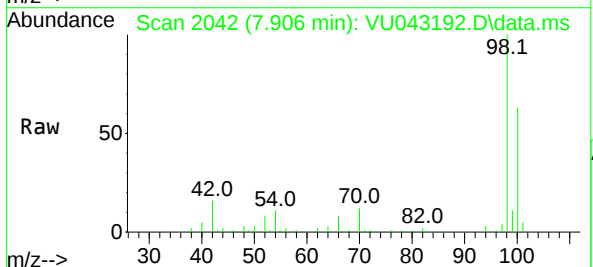
Tgt Ion:117 Resp: 12051
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.5 113.3#
 121 0.0 24.7 37.1#

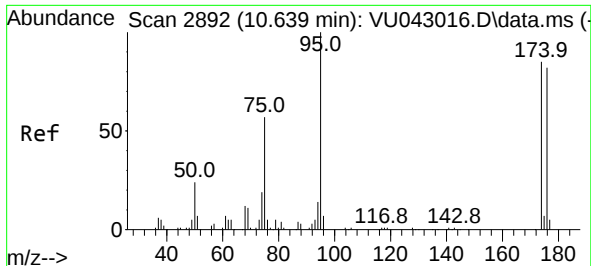


#50

Toluene-d8
 Concen: 47.35 ug/l
 RT: 7.906 min Scan# 2042
 Delta R.T. -0.000 min
 Lab File: VU043192.D
 Acq: 19 Apr 2021 14:31

Tgt Ion: 98 Resp: 251528
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.2 75.2

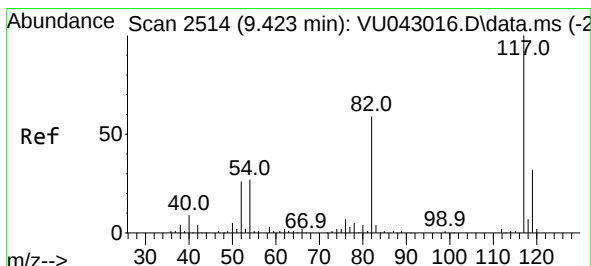
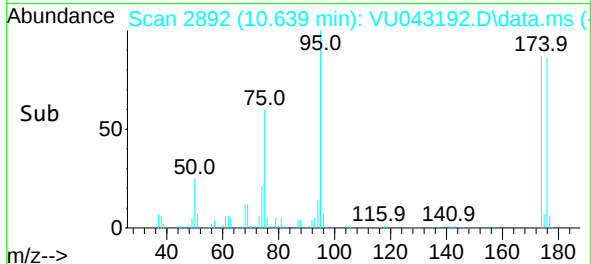
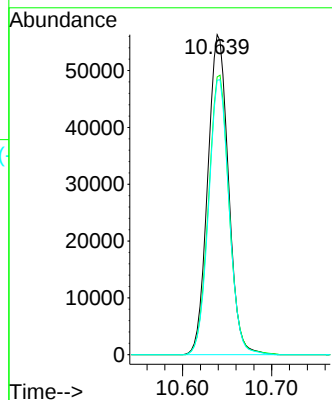
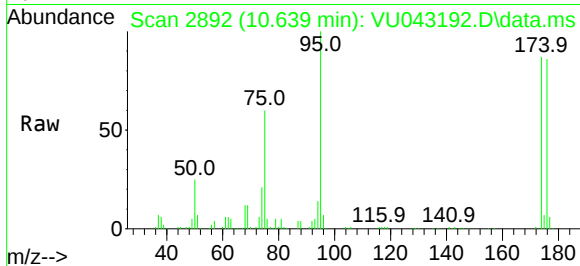




#62
4-Bromofluorobenzene
Concen: 42.81 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043192.D
Acq: 19 Apr 2021 14:31

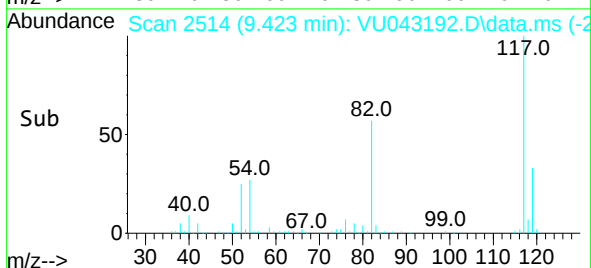
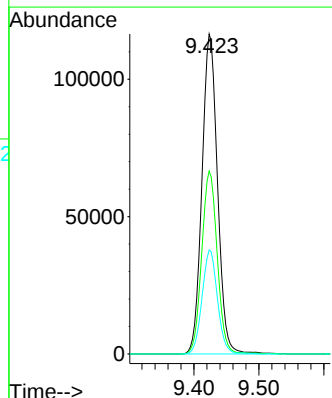
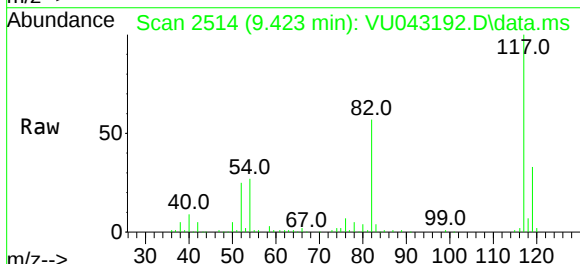
Instrument :
MSVOA_U
ClientSampleId :

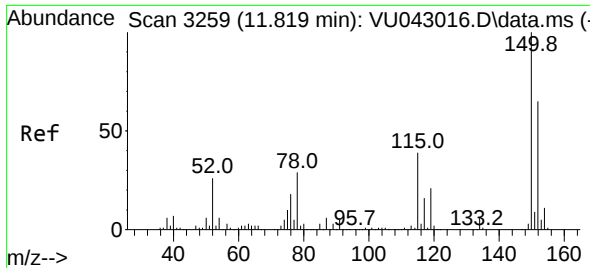
Tgt Ion: 95 Resp: 91061
Ion Ratio Lower Upper
95 100
174 86.9 0.0 172.2
176 84.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043192.D
Acq: 19 Apr 2021 14:31

Tgt Ion: 117 Resp: 194396
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.6
119 32.5 25.8 38.8

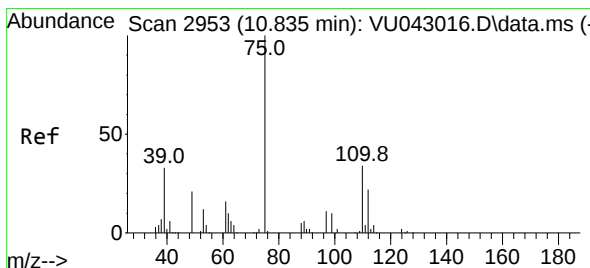
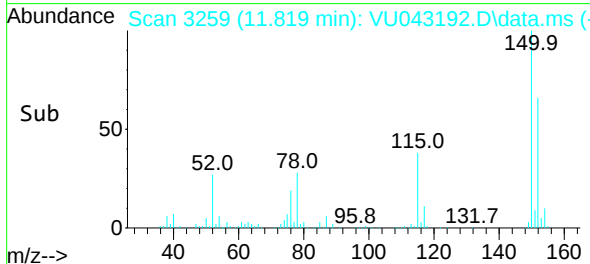
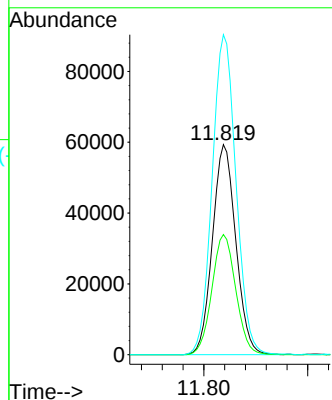
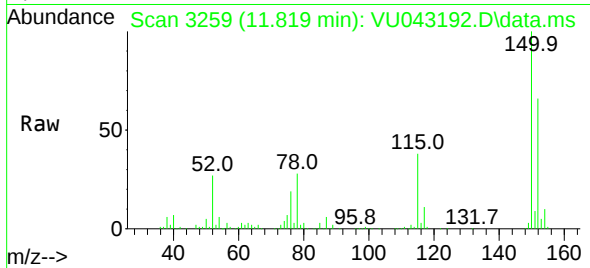




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043192.D
 Acq: 19 Apr 2021 14:31

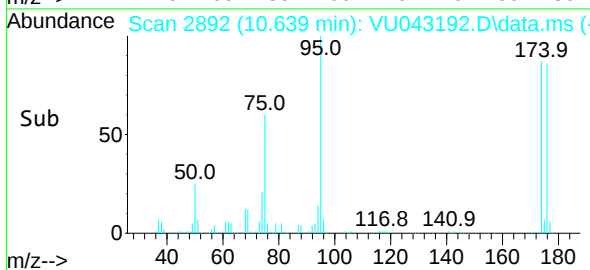
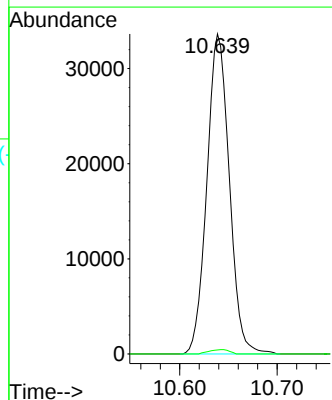
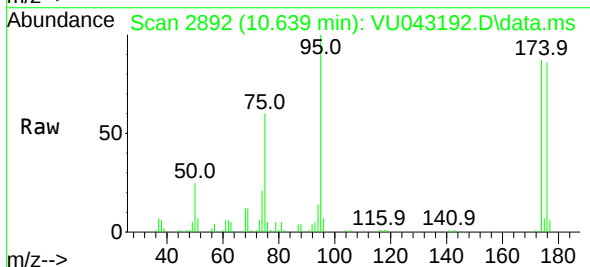
Instrument :
 MSVOA_U
 ClientSampled :

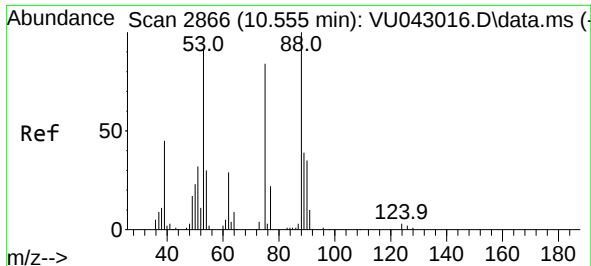
Tgt Ion:152 Resp: 92683
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.5 124.6
 150 155.3 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.87 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043192.D
 Acq: 19 Apr 2021 14:31

Tgt Ion: 75 Resp: 53812
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.2 60.5#

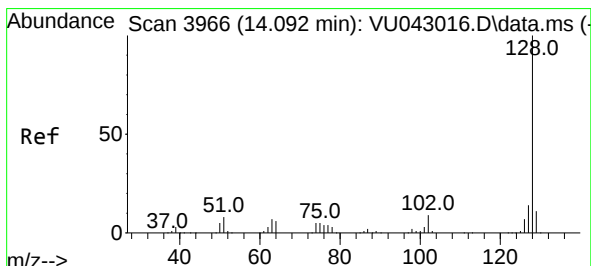
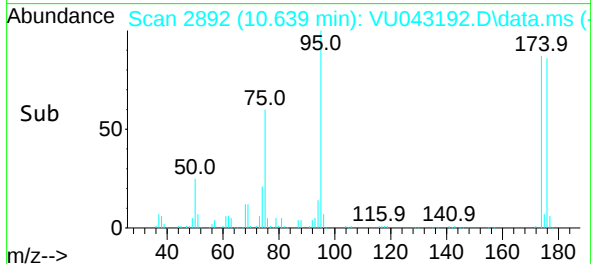
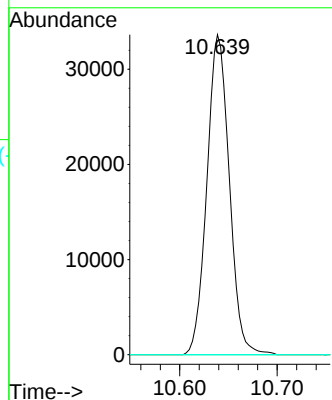
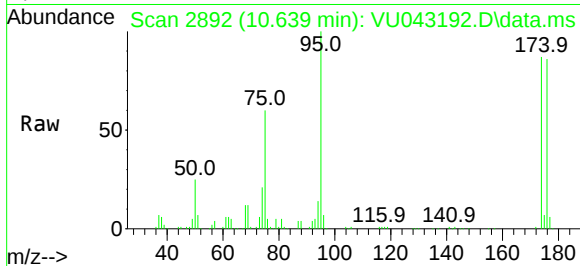




#81
trans-1,4-Dichloro-2-butene
Concen: 58.38 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043192.D
Acq: 19 Apr 2021 14:31

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 53812
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.93 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043192.D
Acq: 19 Apr 2021 14:31

Tgt Ion:128 Resp: 1307
Ion Ratio Lower Upper
128 100
127 5.5 10.8 16.2#
129 0.0 8.6 13.0#

