

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043393.D
 Acq On : 28 Apr 2021 17:59
 Operator : SY/MD
 Sample : M2133-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118I-20210420

Quant Time: Apr 29 08:40:53 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)

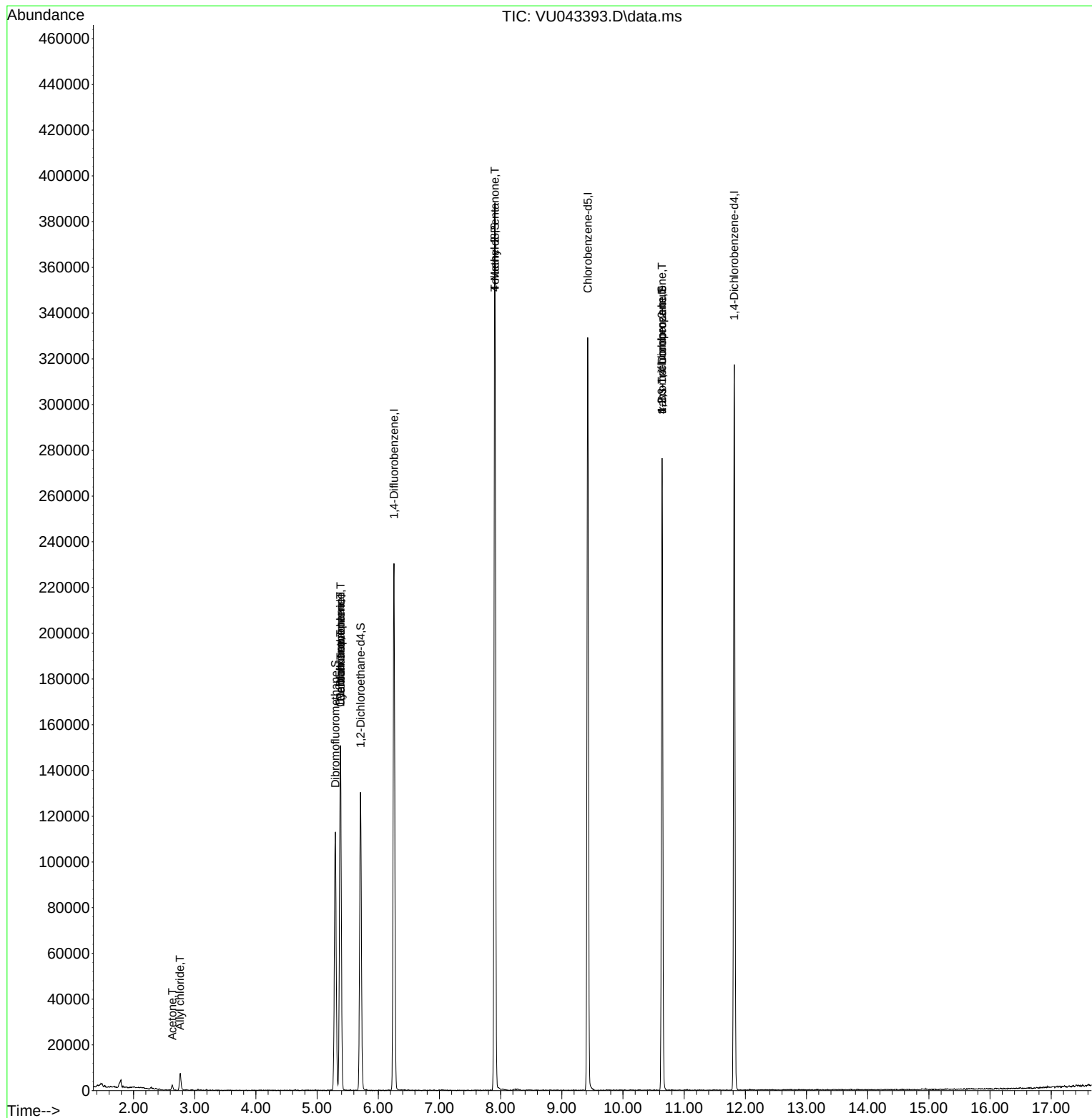
Internal Standards						
1) Pentafluorobenzene	5.382	168	99892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	168201	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	165050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	77656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99075	59.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.00%	
35) Dibromofluoromethane	5.298	113	68613	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
50) Toluene-d8	7.906	98	234445	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	10.639	95	80755	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	564	Below Cal		99
6) Chloroethane	1.916	64	27	Below Cal	#	42
14) Allyl chloride	2.758	41	696	0.31 ug/l	#	65
16) Acetone	2.633	43	2516	2.25 ug/l		100
31) Cyclohexane	5.379	56	2609	1.26 ug/l	#	5
36) 1,1-Dichloropropene	5.379	75	8644	4.84 ug/l	#	49
38) Carbon Tetrachloride	5.382	117	10407	5.44 ug/l	#	17
51) 4-Methyl-2-Pentanone	7.906	43	1347	0.42 ug/l	#	1
76) 1,2,3-Trichloropropane	10.639	75	47061	20.74 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	47061	60.94 ug/l	#	7

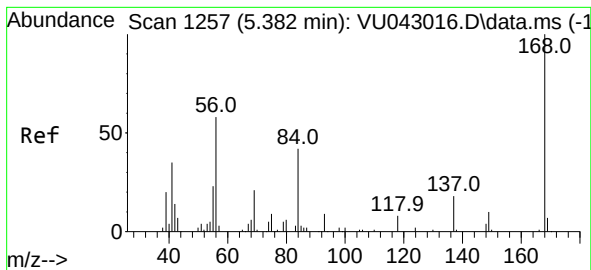
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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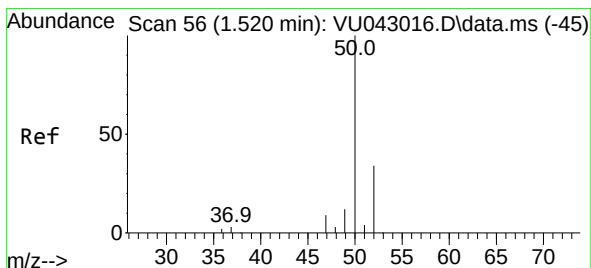
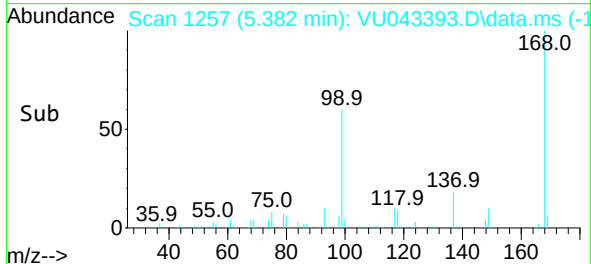
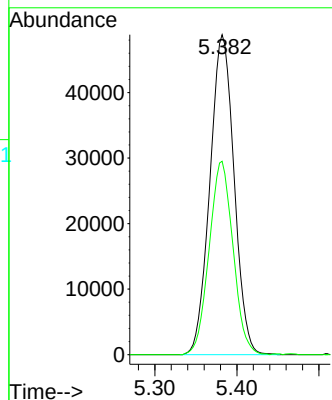
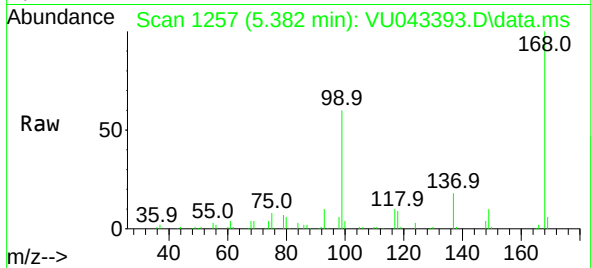




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043393.D
Acq: 28 Apr 2021 17:59

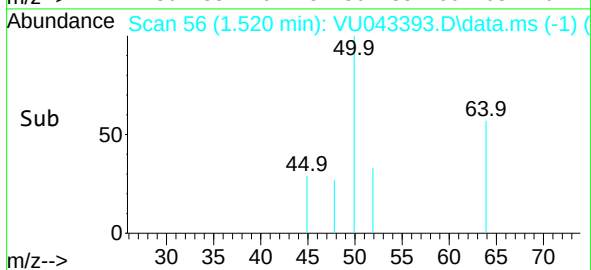
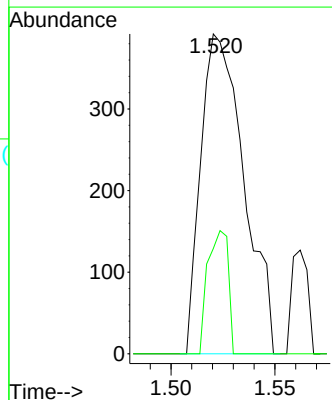
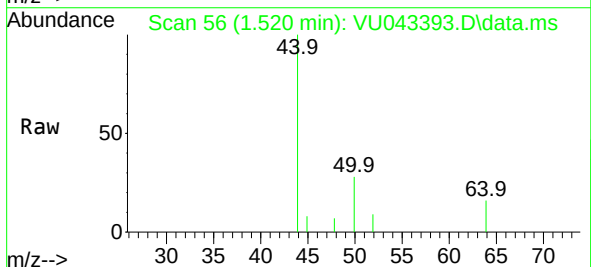
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118I-20210420

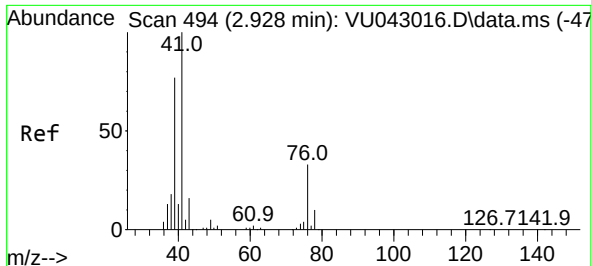
Tgt Ion:168 Resp: 99892
Ion Ratio Lower Upper
168 100
99 60.5 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043393.D
Acq: 28 Apr 2021 17:59

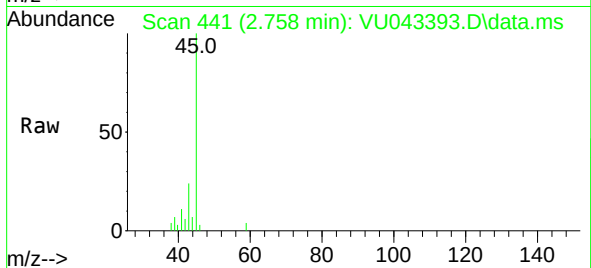
Tgt Ion: 50 Resp: 564
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



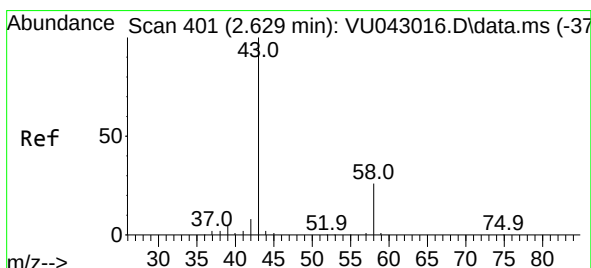
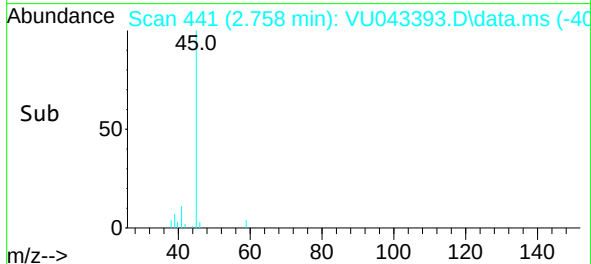
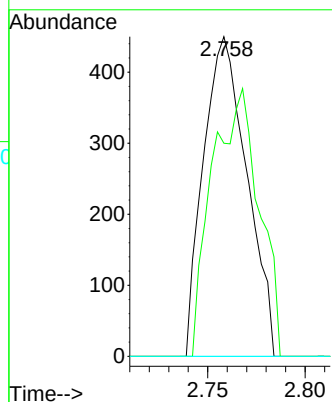


#14
 Allyl chloride
 Concen: 0.31 ug/l
 RT: 2.758 min Scan# 441
 Delta R.T. -0.170 min
 Lab File: VU043393.D
 Acq: 28 Apr 2021 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118I-20210420

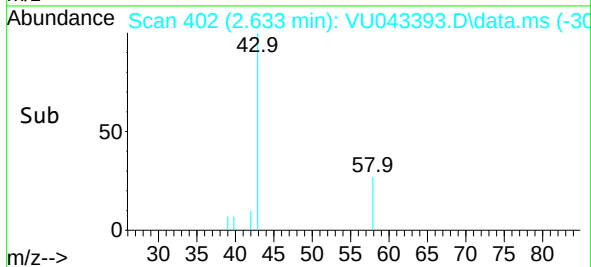
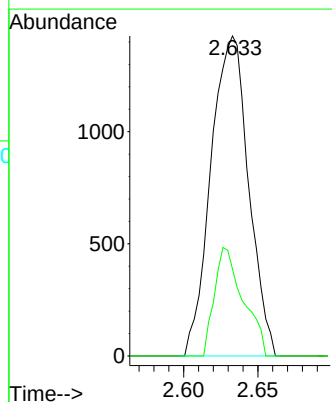
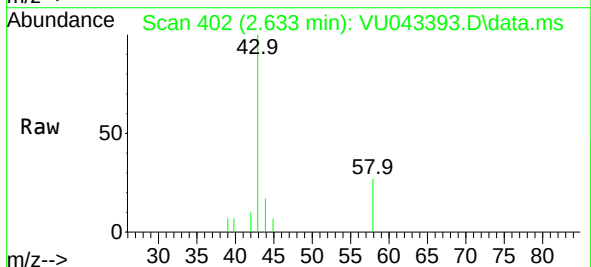


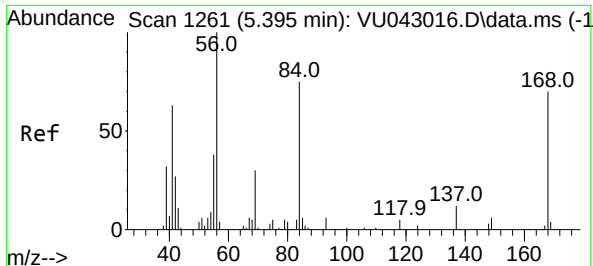
Tgt Ion: 41 Resp: 696
 Ion Ratio Lower Upper
 41 100
 39 90.8 54.9 82.3#
 76 0.0 22.5 33.7#



#16
 Acetone
 Concen: 2.25 ug/l
 RT: 2.633 min Scan# 402
 Delta R.T. 0.004 min
 Lab File: VU043393.D
 Acq: 28 Apr 2021 17:59

Tgt Ion: 43 Resp: 2516
 Ion Ratio Lower Upper
 43 100
 58 27.1 21.5 32.3





#31

Cyclohexane

Concen: 1.26 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.016 min

Lab File: VU043393.D

Acq: 28 Apr 2021 17:59

Tgt Ion: 56 Resp: 2609

Ion Ratio Lower Upper

56 100

69 165.7 24.9 37.3#

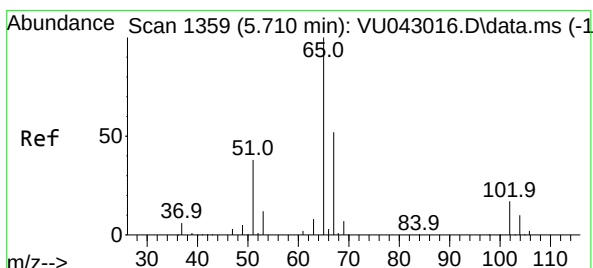
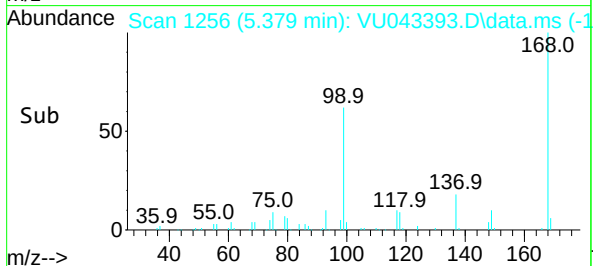
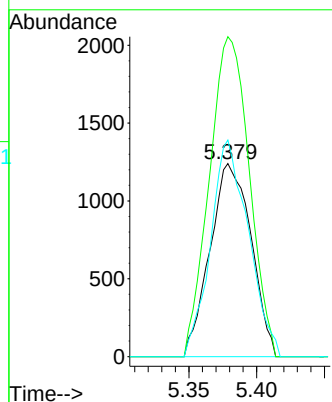
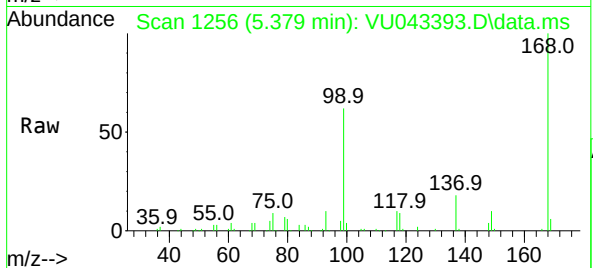
84 112.2 63.7 95.5#

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ118I-20210420



#33

1,2-Dichloroethane-d4

Concen: 59.00 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043393.D

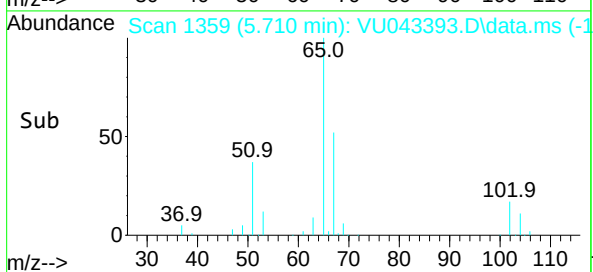
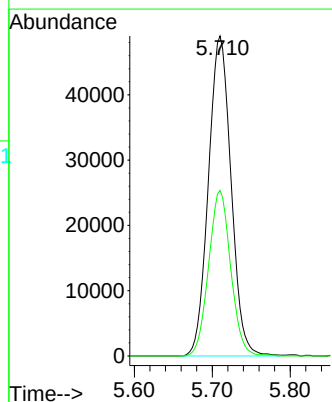
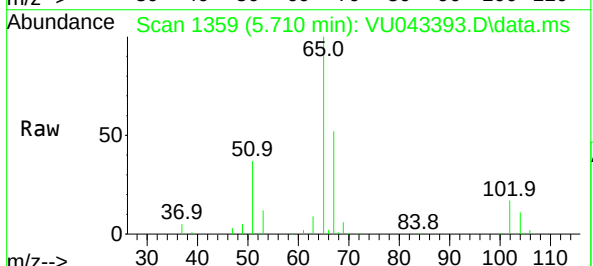
Acq: 28 Apr 2021 17:59

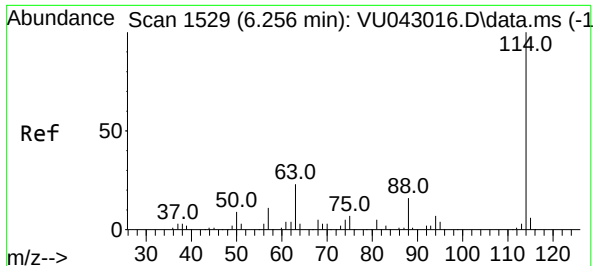
Tgt Ion: 65 Resp: 99075

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.8

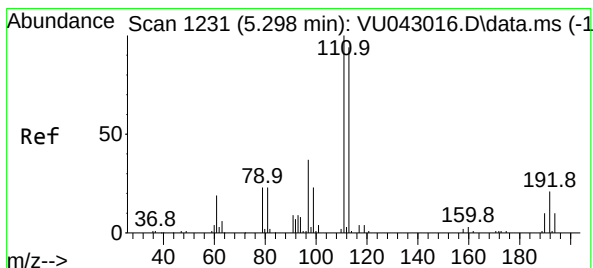
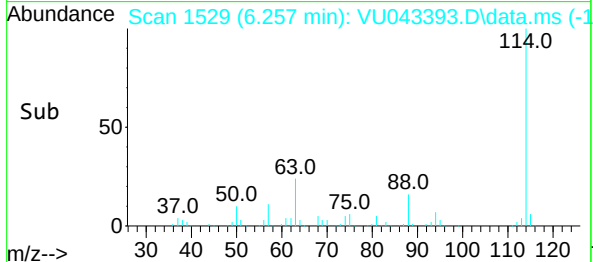
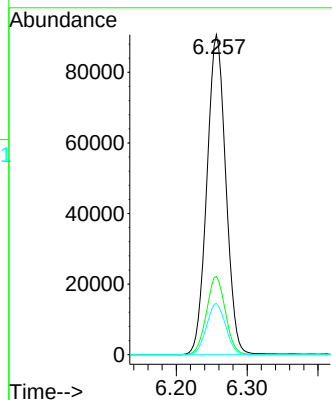
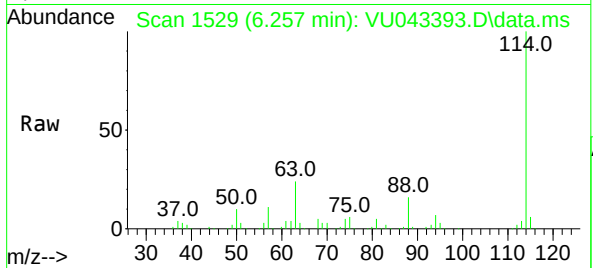




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.257 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043393.D
Acq: 28 Apr 2021 17:59

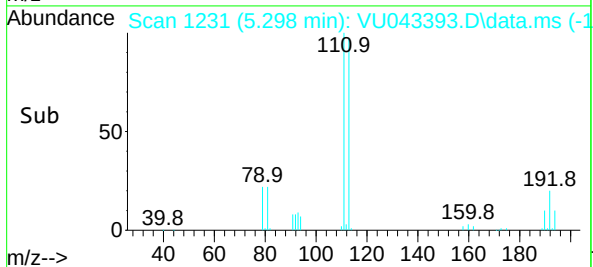
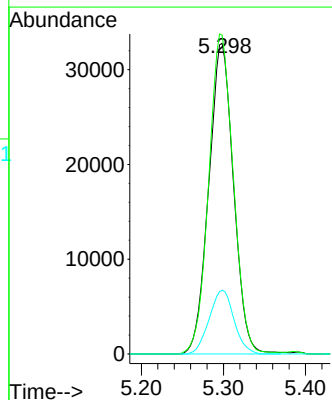
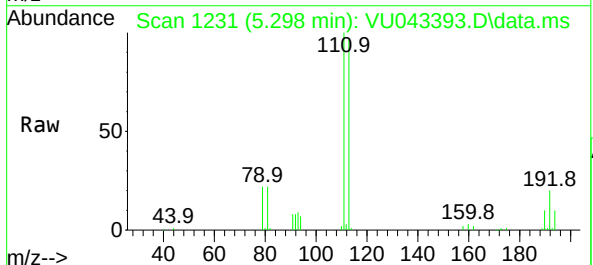
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118I-20210420

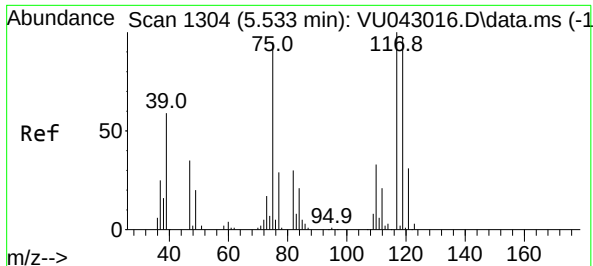
Tgt Ion:114 Resp: 168201
Ion Ratio Lower Upper
114 100
63 24.4 0.0 44.2
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 54.29 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043393.D
Acq: 28 Apr 2021 17:59

Tgt Ion:113 Resp: 68613
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 20.5 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.84 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.154 min

Lab File: VU043393.D

Acq: 28 Apr 2021 17:59

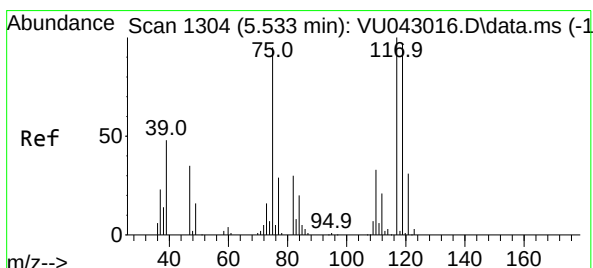
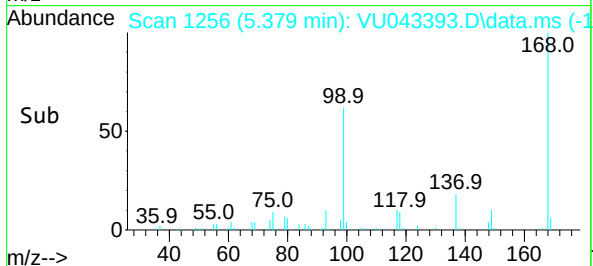
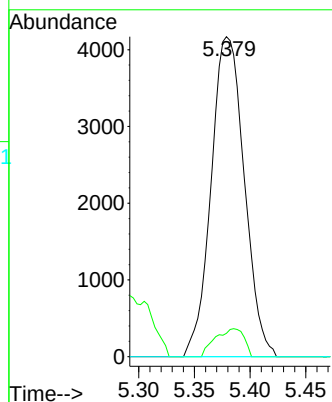
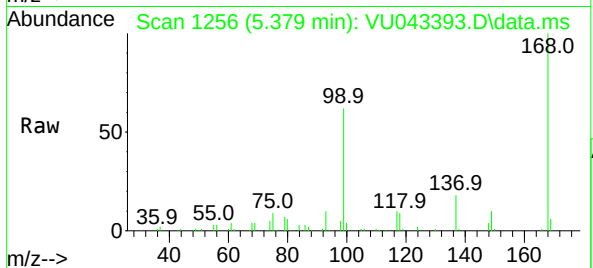
Tgt Ion:	75	Resp:	8644
Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ118I-20210420



#38

Carbon Tetrachloride

Concen: 5.44 ug/l

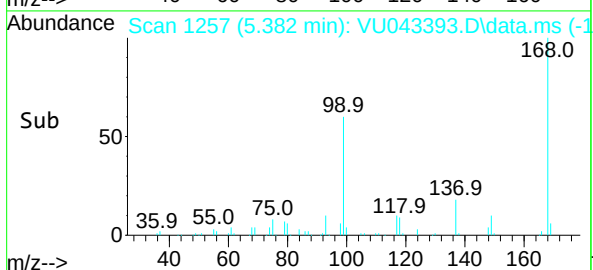
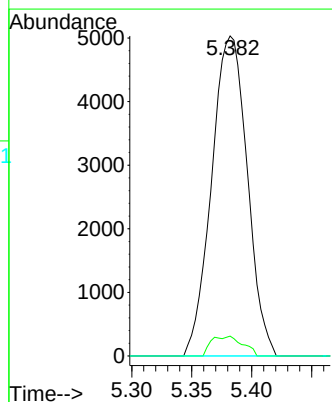
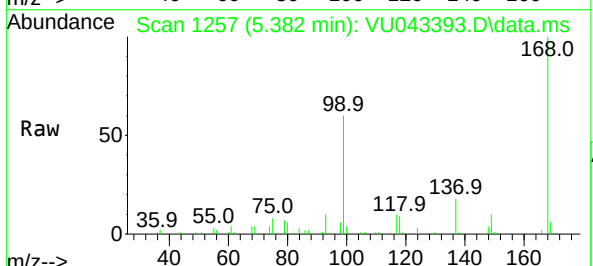
RT: 5.382 min Scan# 1257

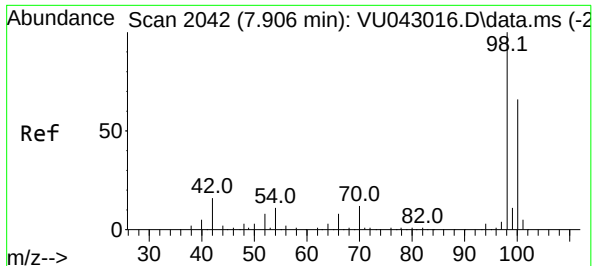
Delta R.T. -0.151 min

Lab File: VU043393.D

Acq: 28 Apr 2021 17:59

Tgt Ion:	117	Resp:	10407
Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.5	113.3#
121	0.0	24.7	37.1#

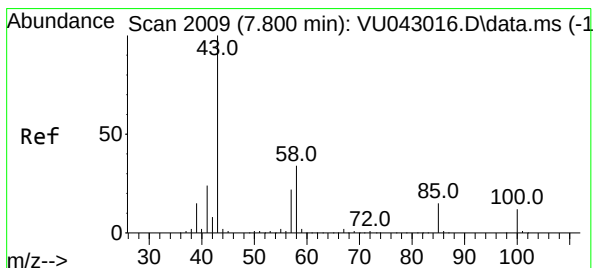
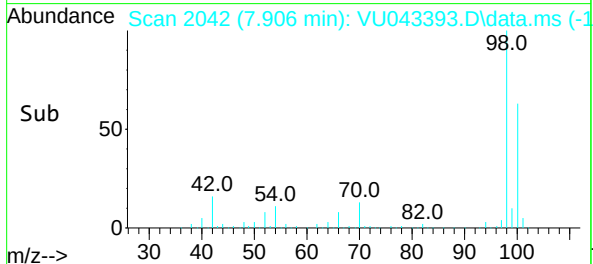
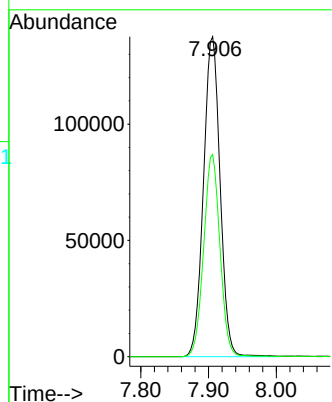
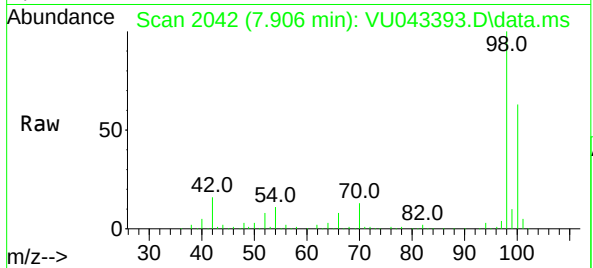




#50
Toluene-d8
Concen: 52.42 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043393.D
Acq: 28 Apr 2021 17:59

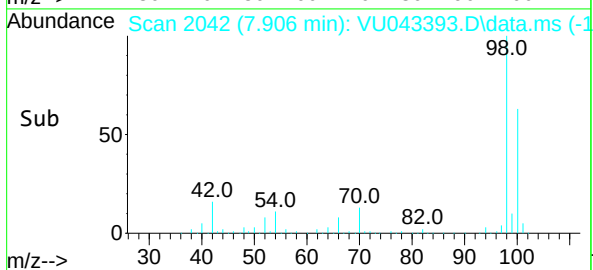
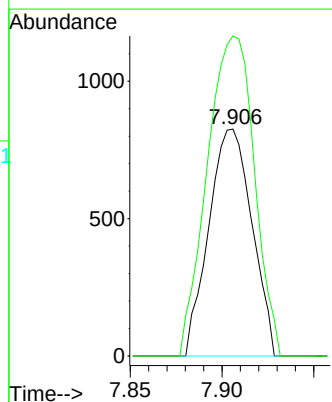
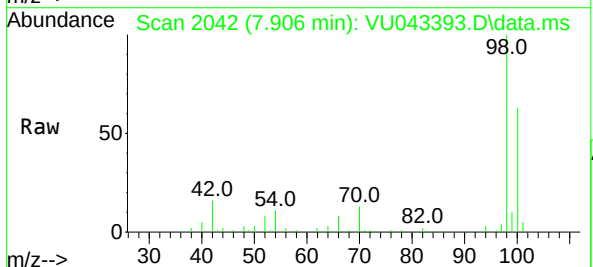
Instrument :
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SA-PZ118I-20210420

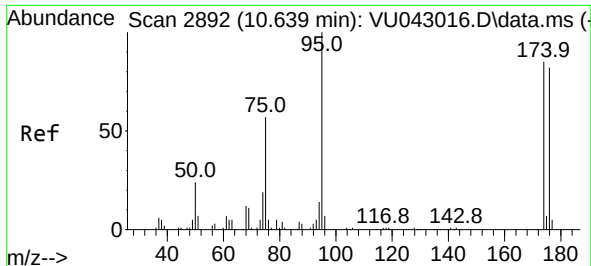
Tgt Ion: 98 Resp: 234445
Ion Ratio Lower Upper
98 100
100 61.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043393.D
Acq: 28 Apr 2021 17:59

Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 154.5 28.1 42.1#

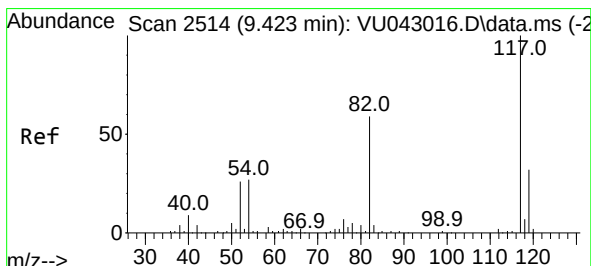
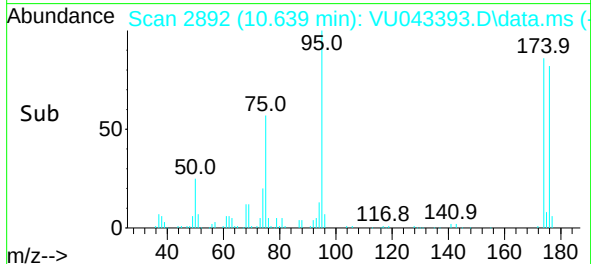
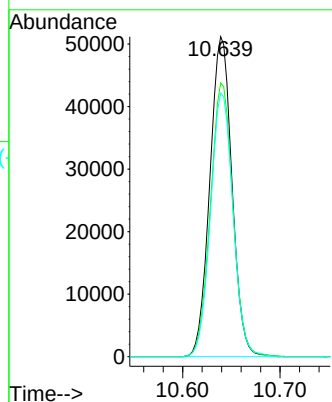
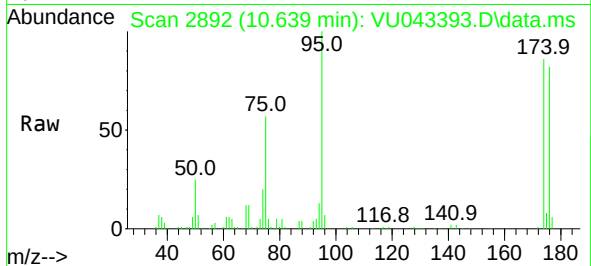




#62
4-Bromofluorobenzene
Concen: 45.09 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043393.D
Acq: 28 Apr 2021 17:59

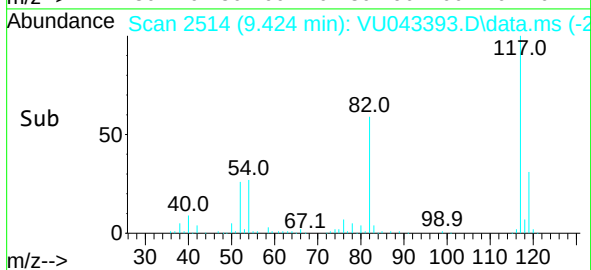
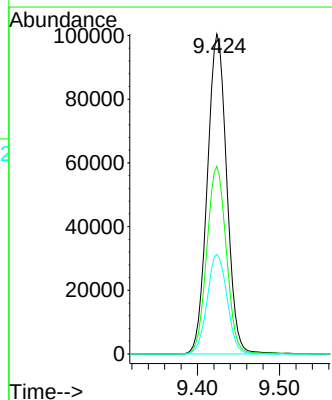
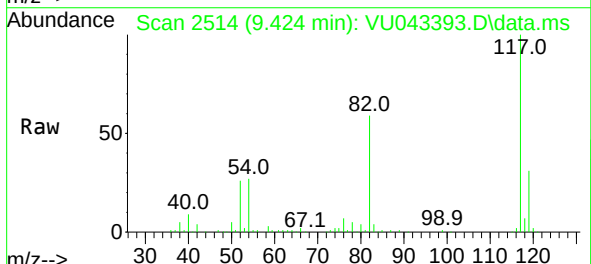
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118I-20210420

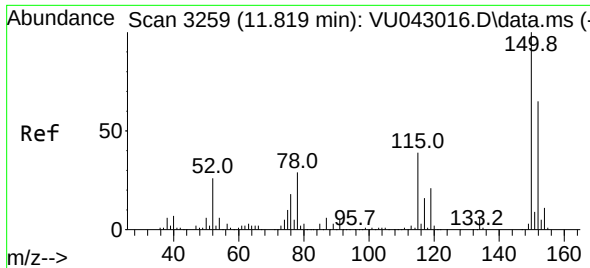
Tgt Ion: 95 Resp: 80755
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.2
176 83.7 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.001 min
Lab File: VU043393.D
Acq: 28 Apr 2021 17:59

Tgt Ion: 117 Resp: 165050
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 31.1 25.8 38.8

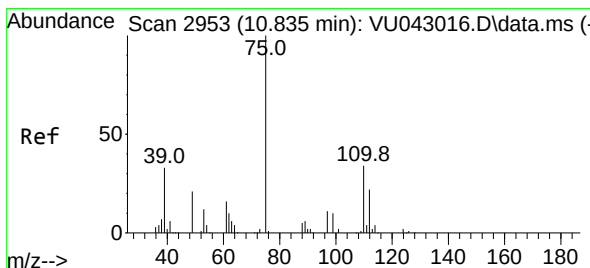
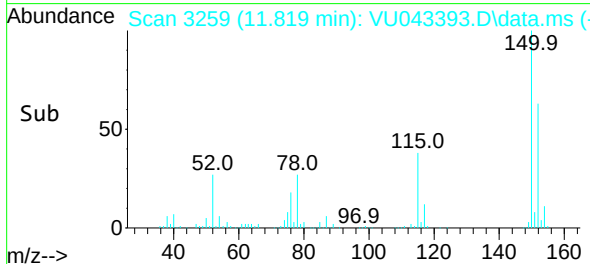
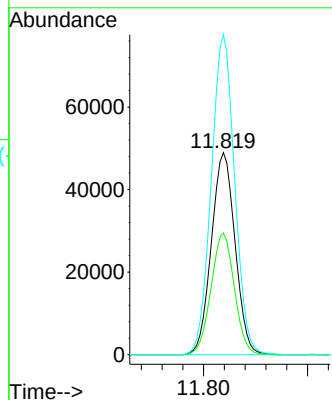
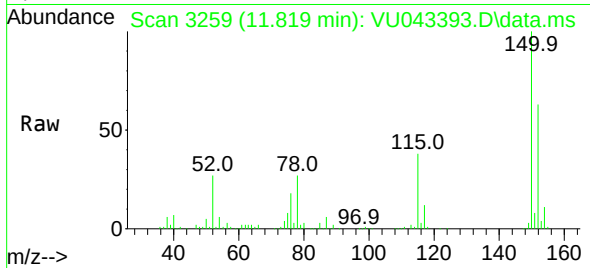




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043393.D
 Acq: 28 Apr 2021 17:59

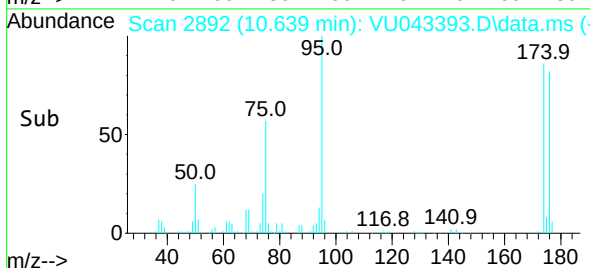
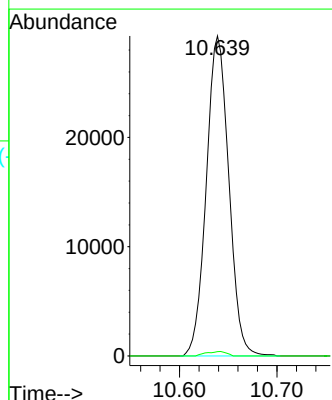
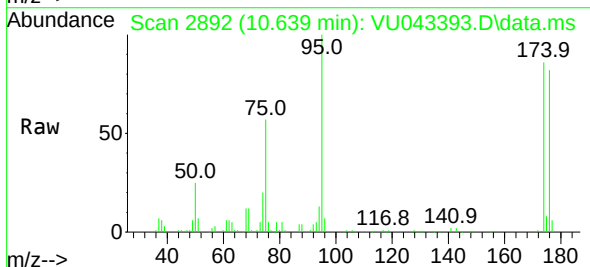
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118I-20210420

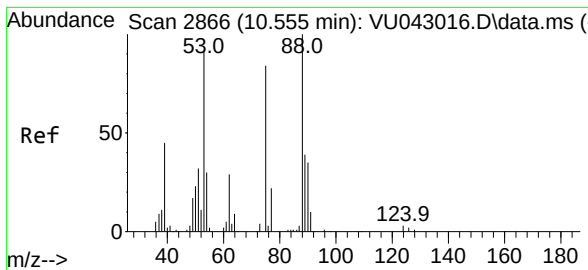
Tgt Ion:152 Resp: 77656
 Ion Ratio Lower Upper
 152 100
 115 59.2 41.5 124.6
 150 156.0 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.74 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043393.D
 Acq: 28 Apr 2021 17:59

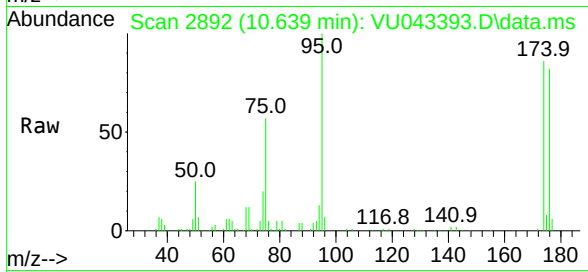
Tgt Ion: 75 Resp: 47061
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.2 60.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.94 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.084 min
 Lab File: VU043393.D
 Acq: 28 Apr 2021 17:59

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118I-20210420



Tgt Ion: 75 Resp: 47061
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.6 128.4#
 89 0.0 35.7 53.5#

