

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043399.D
 Acq On : 28 Apr 2021 20:18
 Operator : SY/MD
 Sample : M2208-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-398-400

Quant Time: Apr 29 08:43:20 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)

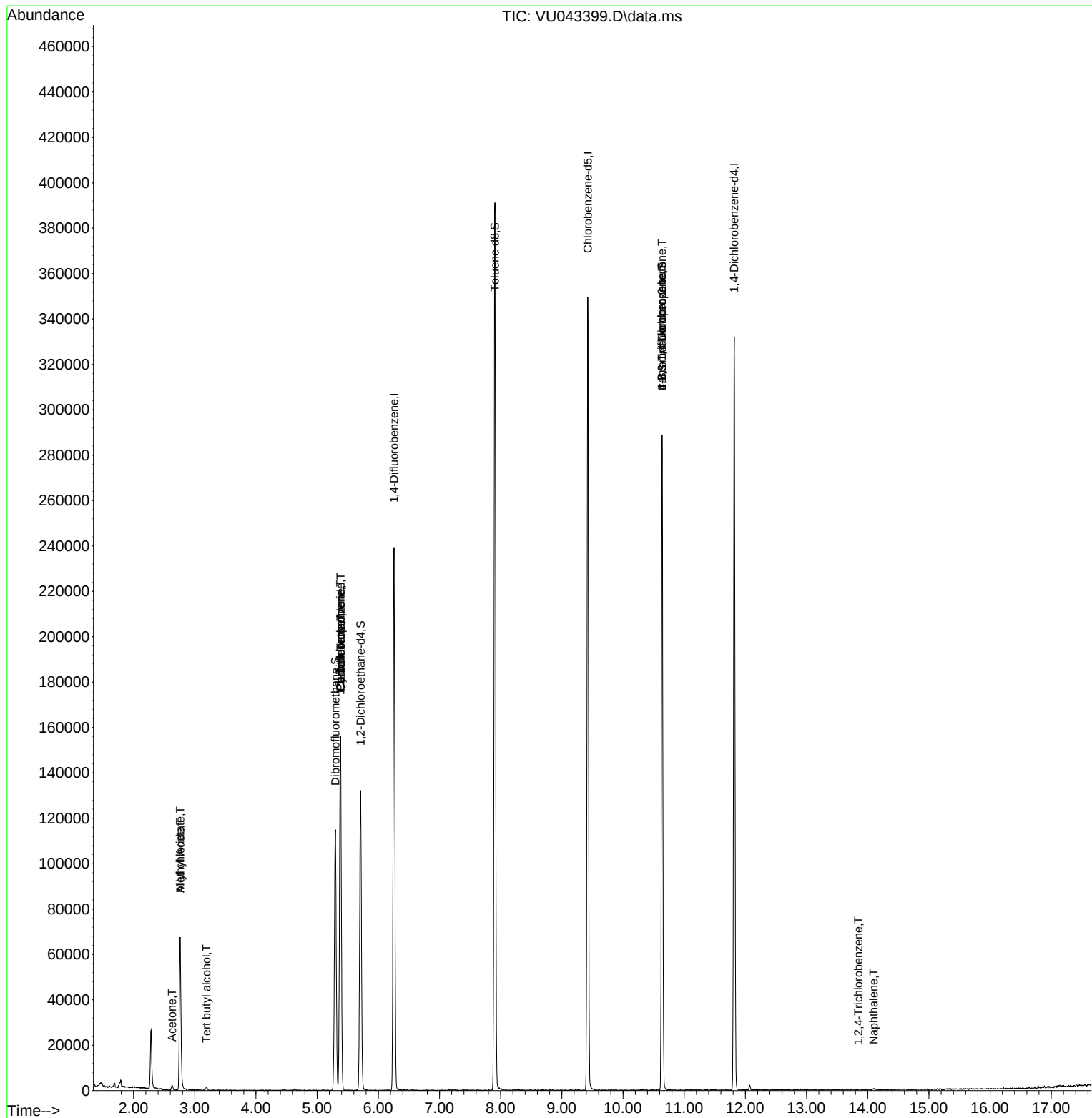
Internal Standards						
1) Pentafluorobenzene	5.382	168	104859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	174750	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	170745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	80912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100890	57.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.46%	
35) Dibromofluoromethane	5.298	113	70362	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	7.906	98	240612	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	10.639	95	84095	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	463	Below Cal		94
6) Chloroethane	1.948	64	18	Below Cal	#	42
11) Tert butyl alcohol	3.192	59	903	1.99 ug/l	#	94
14) Allyl chloride	2.761	41	7236	3.04 ug/l	#	67
16) Acetone	2.629	43	2482	2.09 ug/l		92
18) Methyl Acetate	2.761	43	19141	8.69 ug/l	#	55
31) Cyclohexane	5.382	56	2650	1.22 ug/l	#	16
36) 1,1-Dichloropropene	5.378	75	8937	4.82 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	11014	5.54 ug/l	#	16
76) 1,2,3-Trichloropropane	10.639	75	47332	20.02 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	10.639	75	47332	58.82 ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.848	180	64	1.54 ug/l	#	61
95) Naphthalene	14.098	128	551	2.83 ug/l	#	69

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

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Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

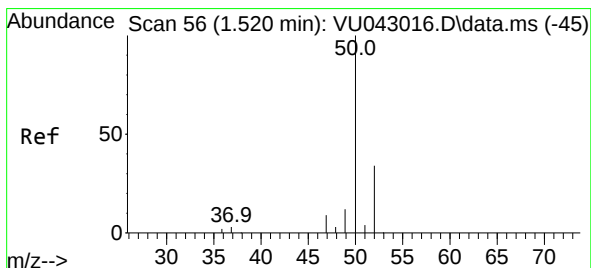
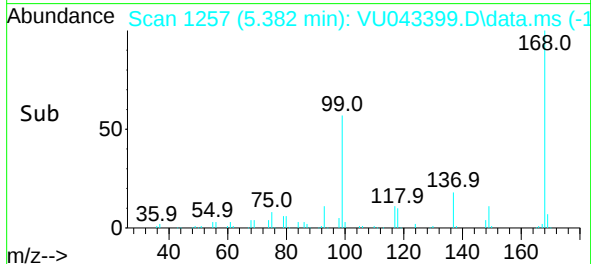
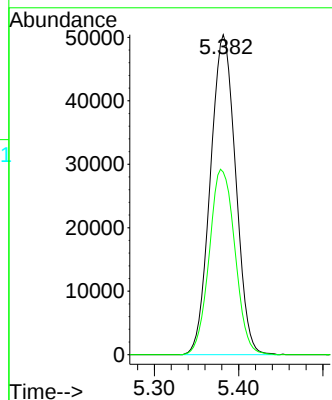
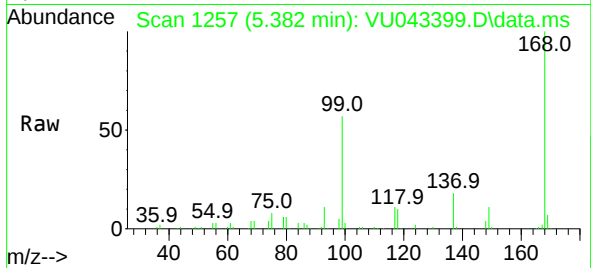




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

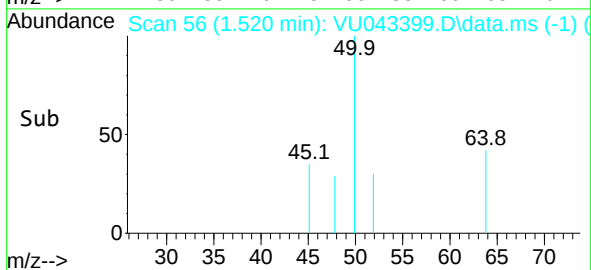
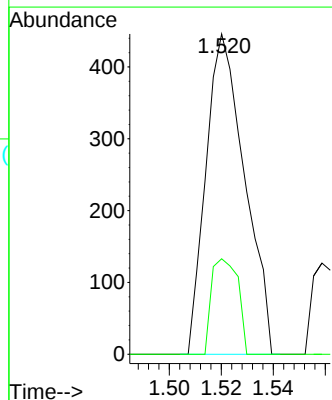
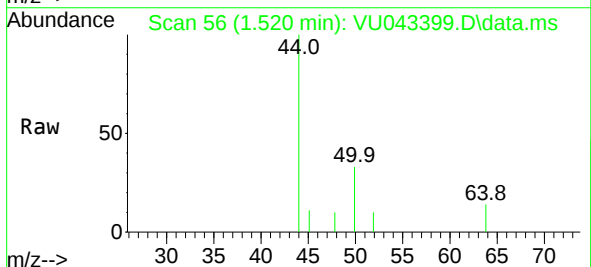
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-398-400

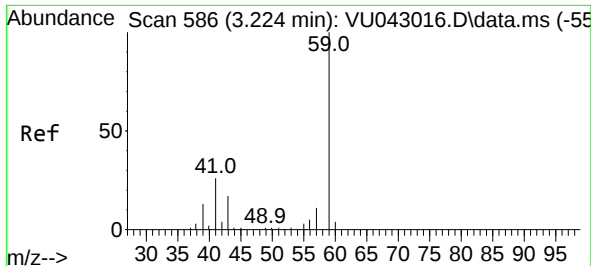
Tgt Ion:168 Resp: 104859
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 29.8 26.6 40.0



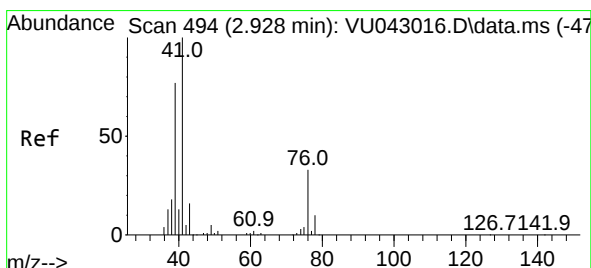
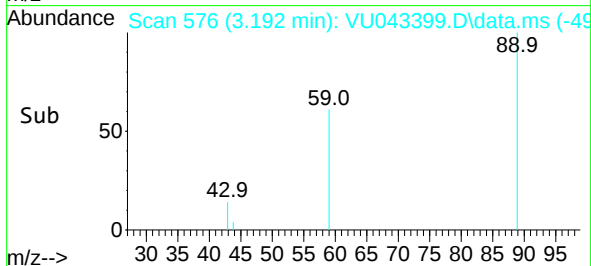
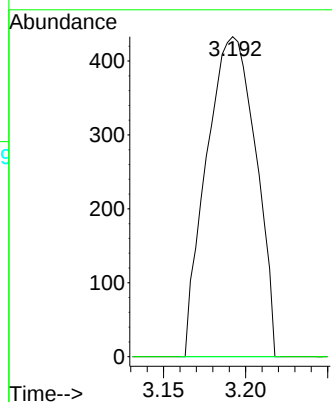
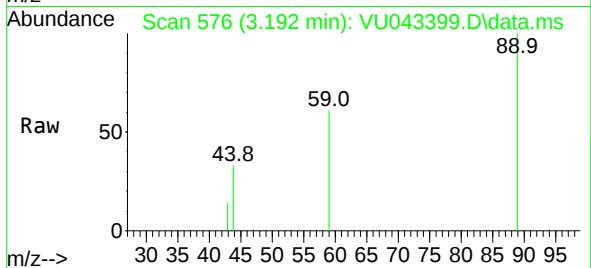


#11

Tert butyl alcohol
Concen: 1.99 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-398-400

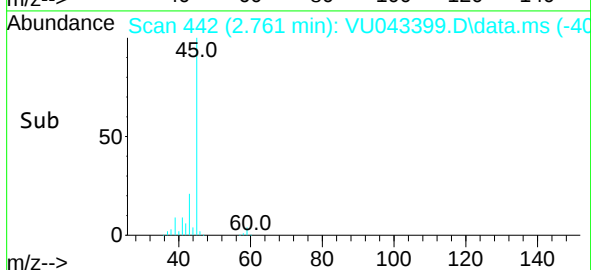
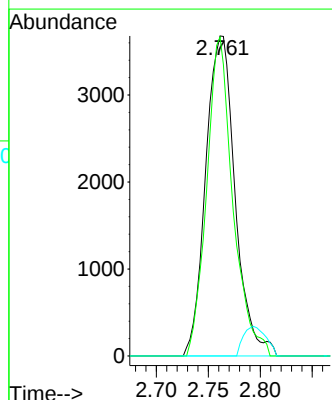
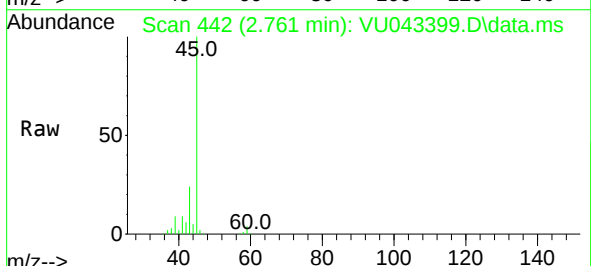
Tgt Ion: 59 Resp: 903
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14

Allyl chloride
Concen: 3.04 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.167 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Tgt Ion: 41 Resp: 7236
Ion Ratio Lower Upper
41 100
39 88.6 54.9 82.3#
76 0.0 22.5 33.7#

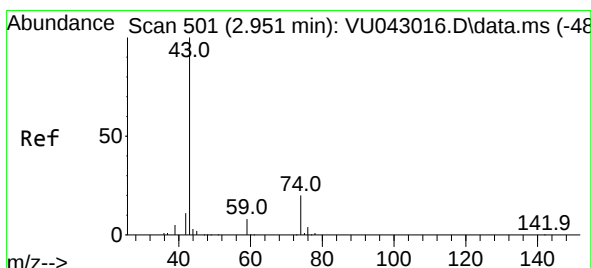
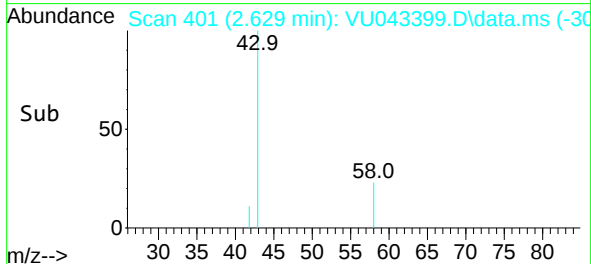
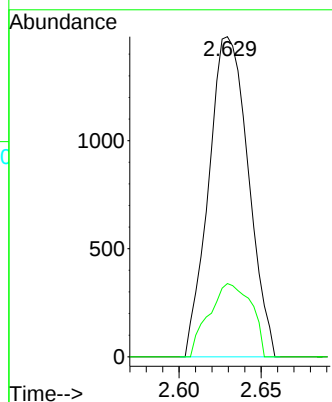
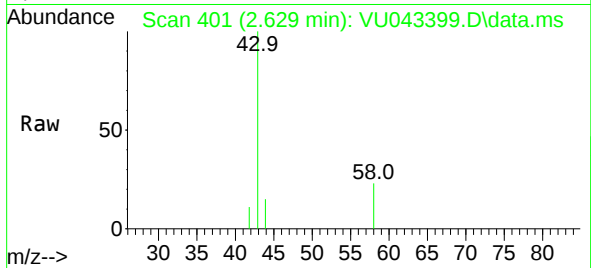




#16
Acetone
Concen: 2.09 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

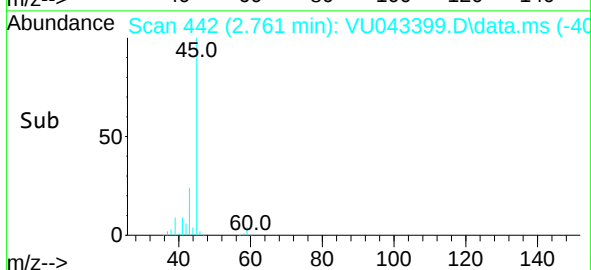
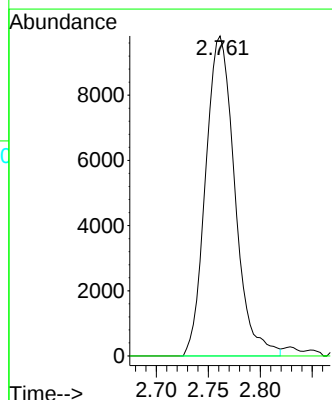
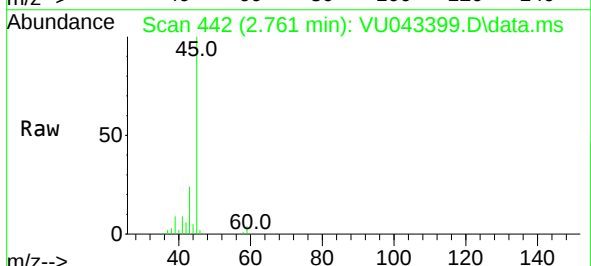
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-398-400

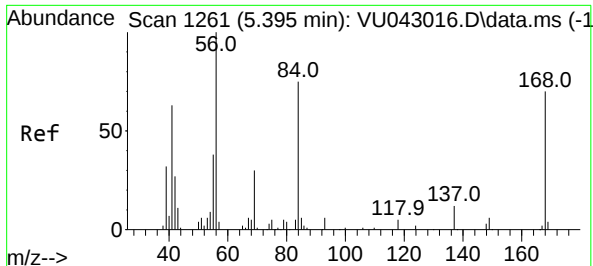
Tgt Ion: 43 Resp: 2482
Ion Ratio Lower Upper
43 100
58 22.9 21.5 32.3



#18
Methyl Acetate
Concen: 8.69 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.190 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Tgt Ion: 43 Resp: 19141
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#





#31

Cyclohexane

Concen: 1.22 ug/l

RT: 5.382 min Scan# 1257

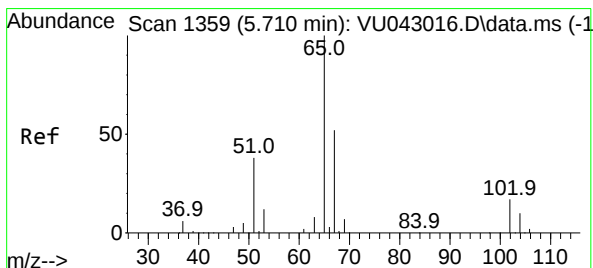
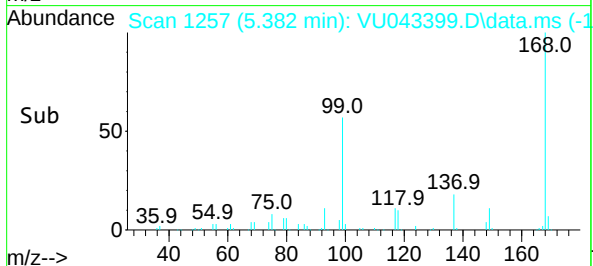
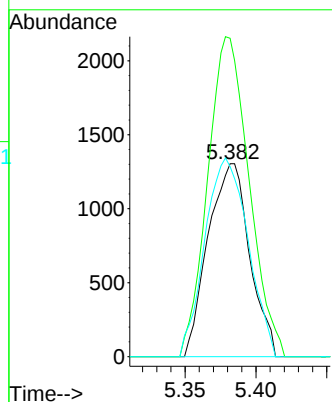
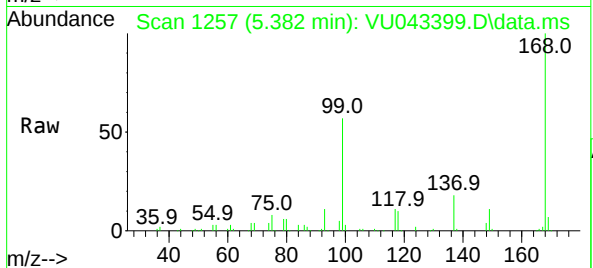
Delta R.T. -0.013 min

Lab File: VU043399.D

Acq: 28 Apr 2021 20:18

Tgt Ion:	56	Resp:	2650
Ion	Ratio	Lower	Upper
56	100		
69	165.0	24.9	37.3#
84	98.5	63.7	95.5#

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-398-400



#33

1,2-Dichloroethane-d4

Concen: 57.23 ug/l

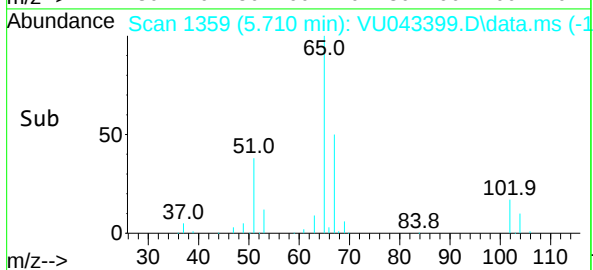
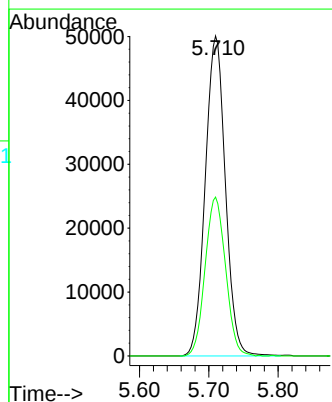
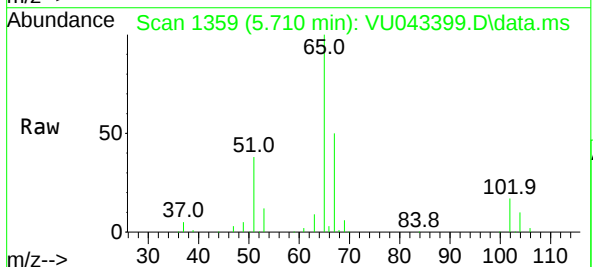
RT: 5.710 min Scan# 1359

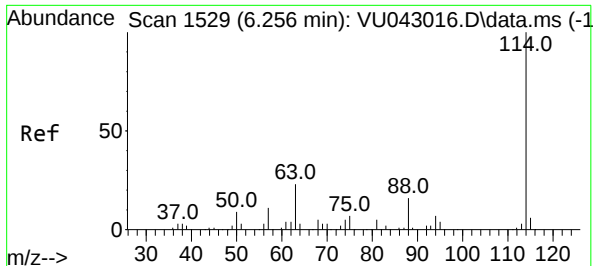
Delta R.T. -0.000 min

Lab File: VU043399.D

Acq: 28 Apr 2021 20:18

Tgt Ion:	65	Resp:	100890
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: VU043399.D

Acq: 28 Apr 2021 20:18

Tgt Ion:114 Resp: 174750

Ion Ratio Lower Upper

114 100

63 24.3 0.0 44.2

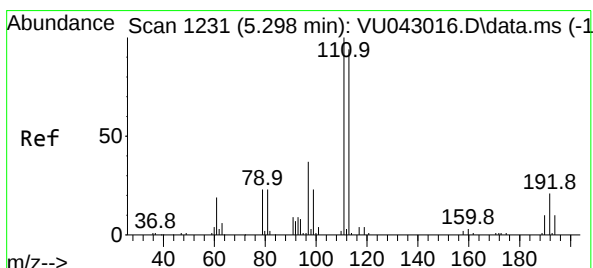
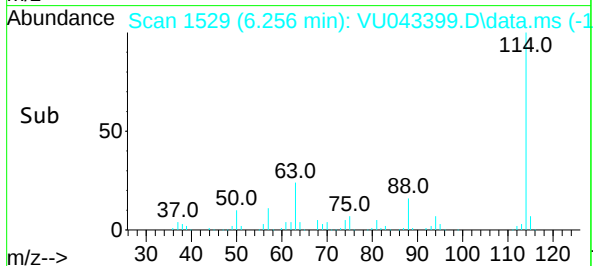
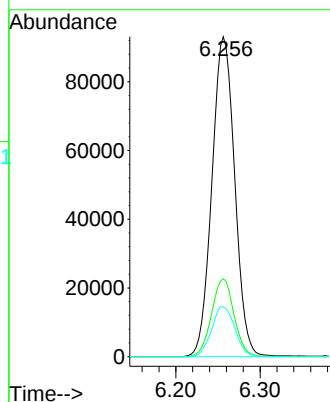
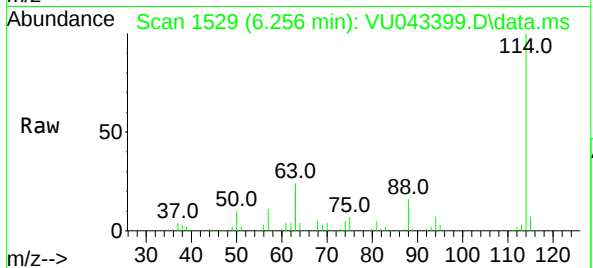
88 15.6 0.0 33.4

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-398-400



#35

Dibromofluoromethane

Concen: 53.58 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043399.D

Acq: 28 Apr 2021 20:18

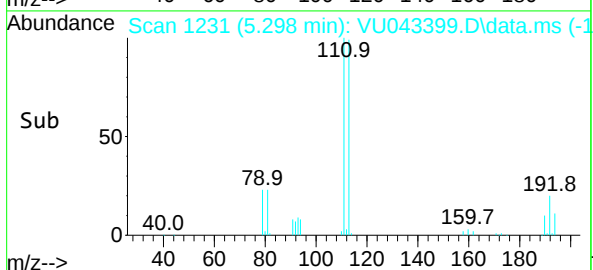
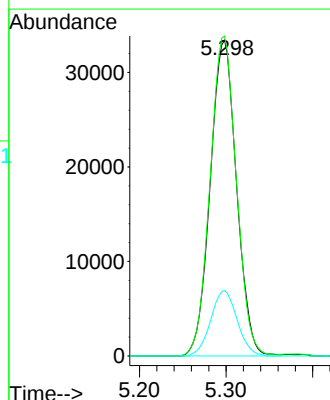
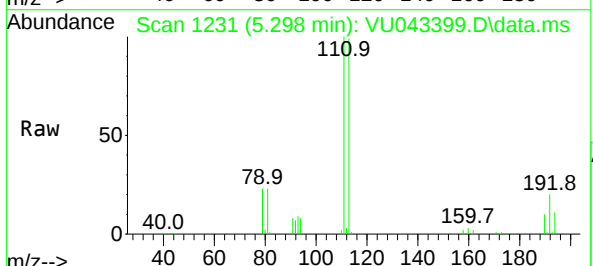
Tgt Ion:113 Resp: 70362

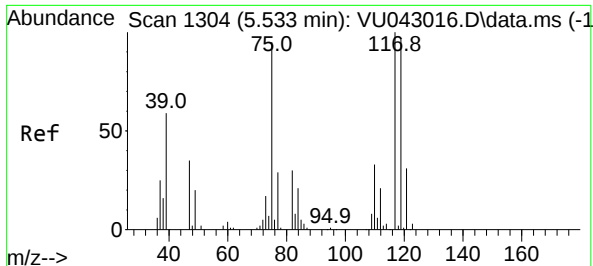
Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

192 20.8 17.2 25.8

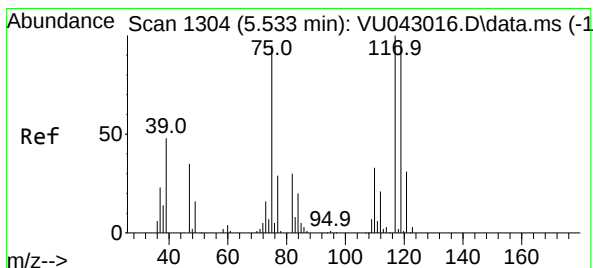
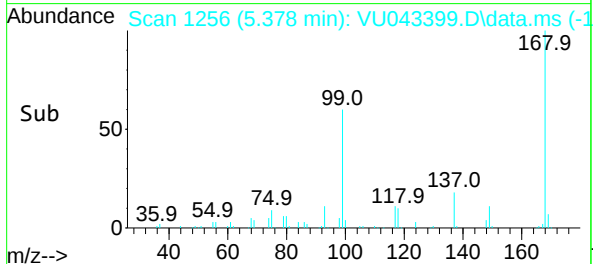
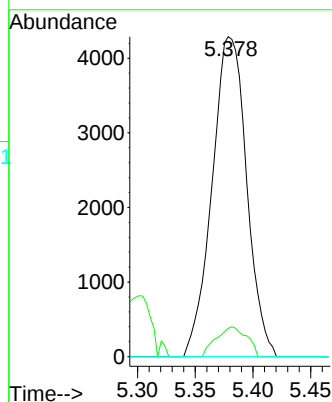
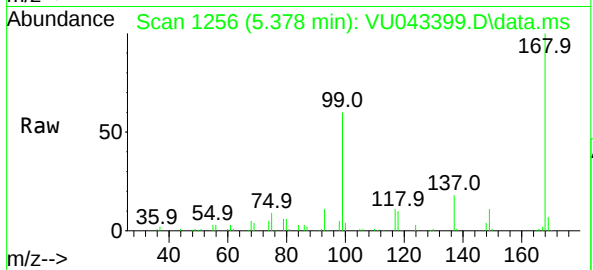




#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

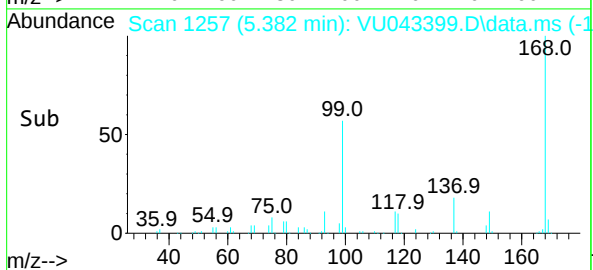
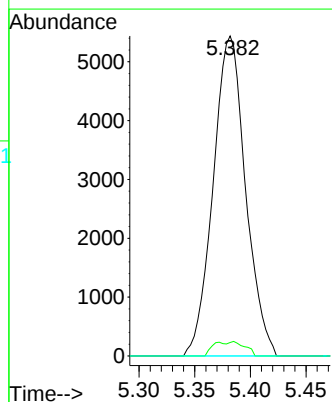
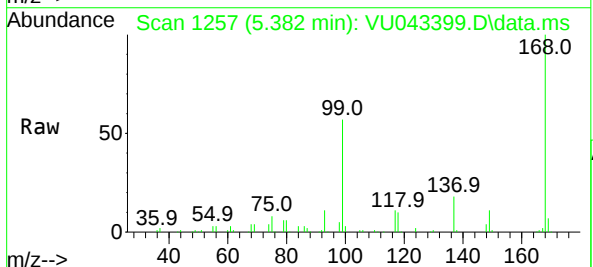
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-398-400

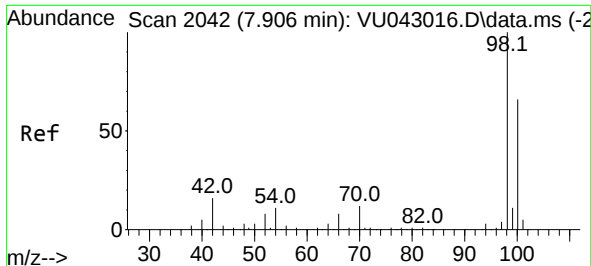
Tgt Ion: 75 Resp: 8937
Ion Ratio Lower Upper
75 100
110 8.2 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Tgt Ion: 117 Resp: 11014
Ion Ratio Lower Upper
117 100
119 4.2 75.5 113.3#
121 0.0 24.7 37.1#

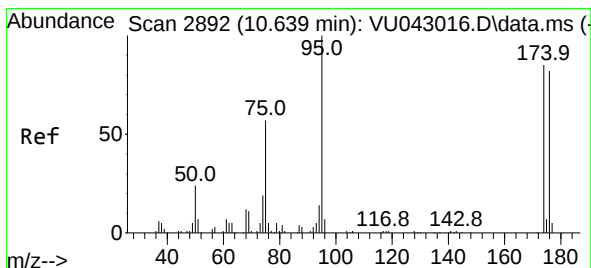
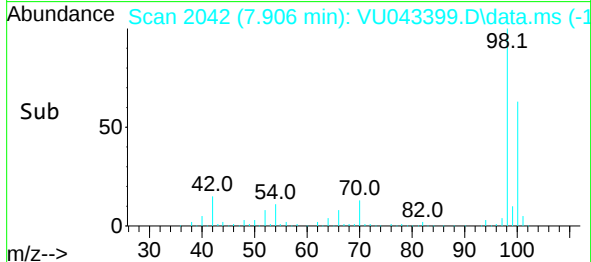
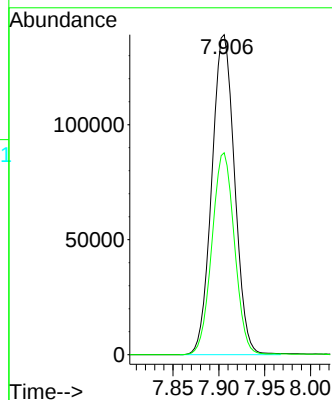
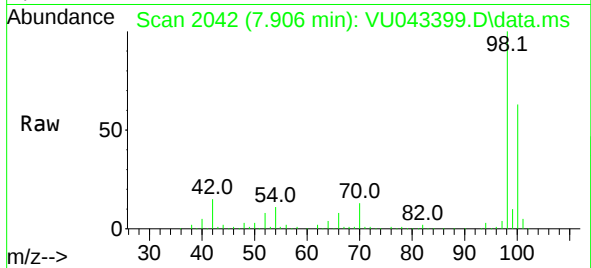




#50
Toluene-d8
Concen: 51.78 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

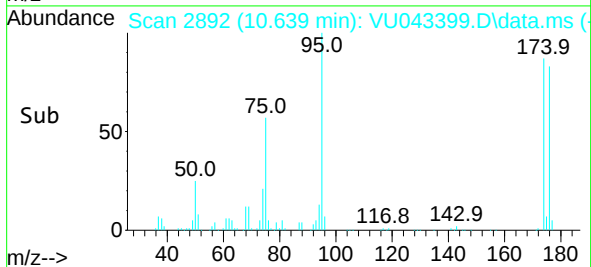
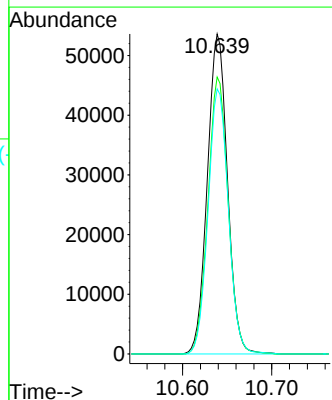
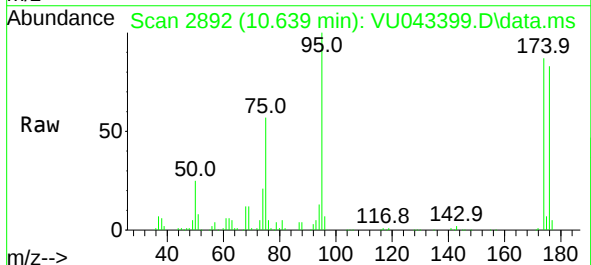
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-398-400

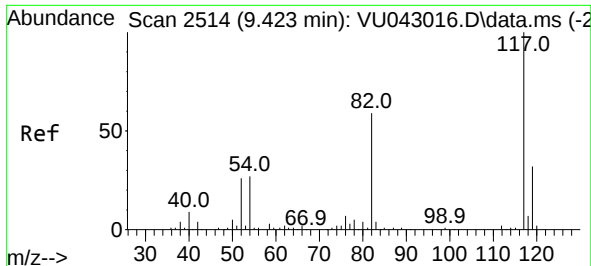
Tgt Ion: 98 Resp: 240612
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.20 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Tgt Ion: 95 Resp: 84095
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 83.3 0.0 168.8

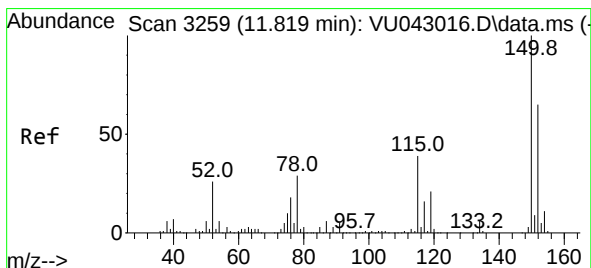
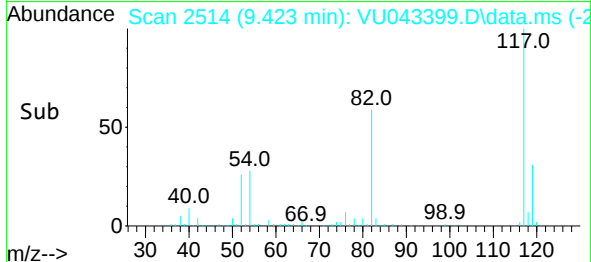
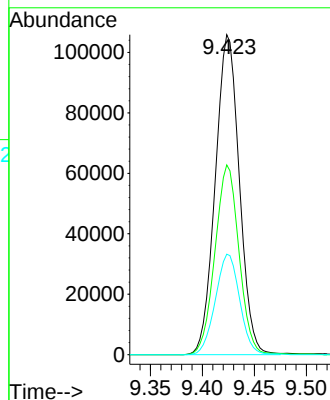
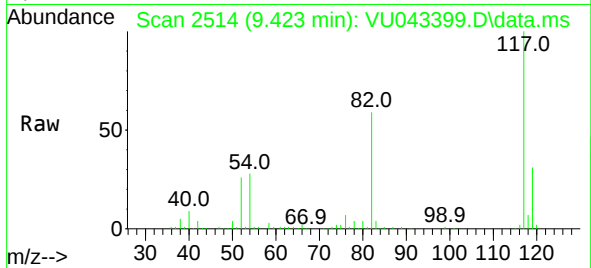




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

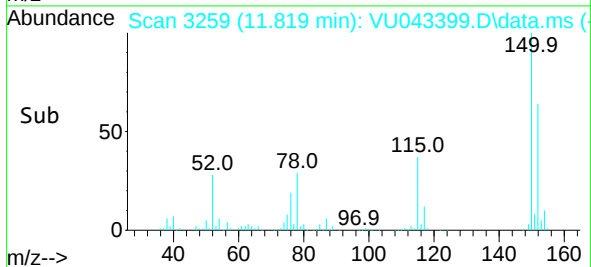
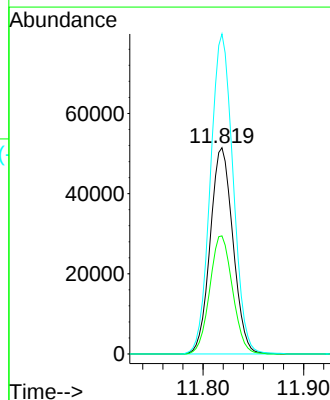
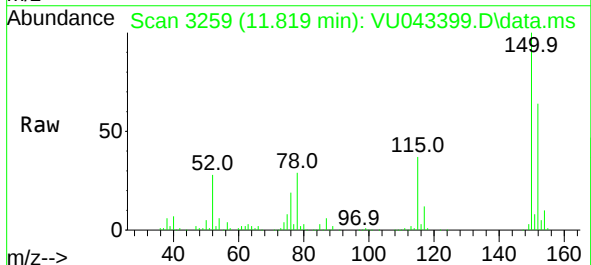
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-398-400

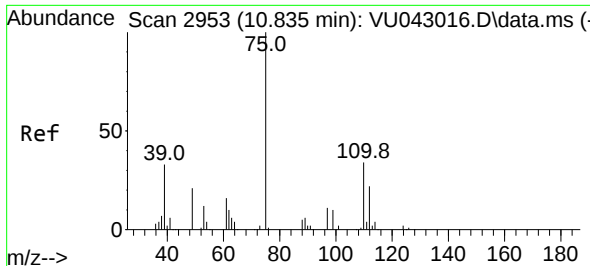
Tgt Ion:117 Resp: 170745
Ion Ratio Lower Upper
117 100
82 59.3 45.8 68.6
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Tgt Ion:152 Resp: 80912
Ion Ratio Lower Upper
152 100
115 57.3 41.5 124.6
150 154.7 0.0 342.4

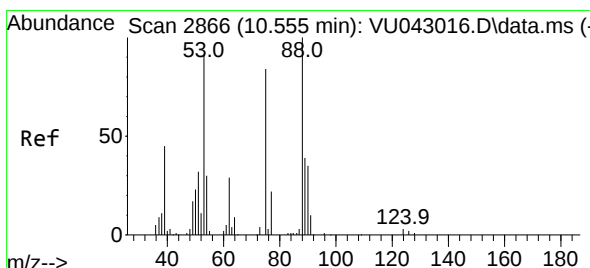
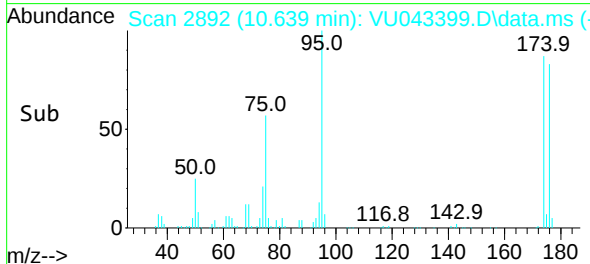
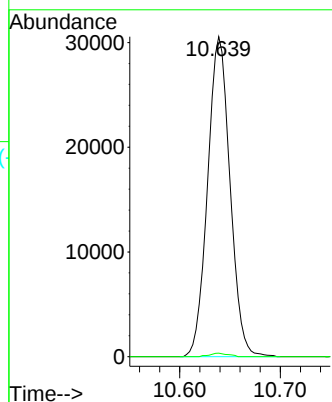
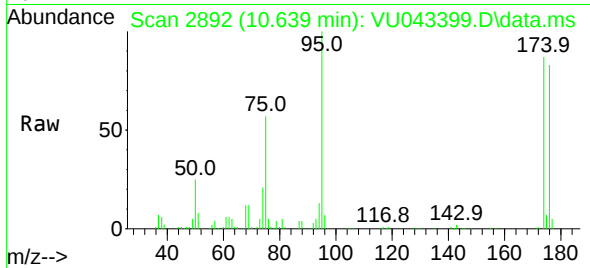




#76
1,2,3-Trichloropropane
Concen: 20.02 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

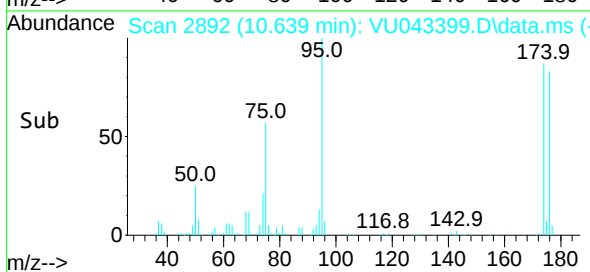
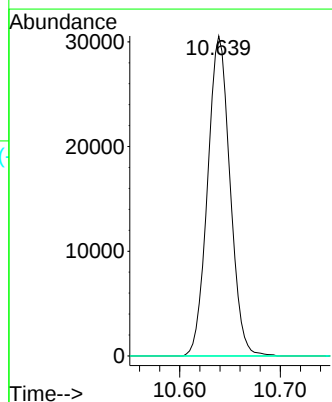
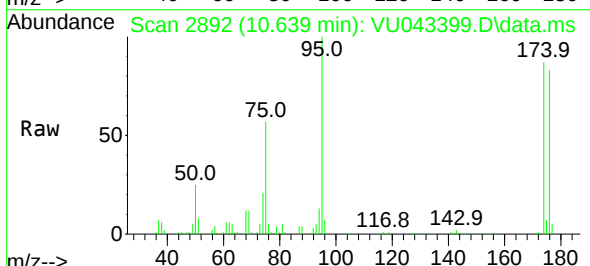
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-398-400

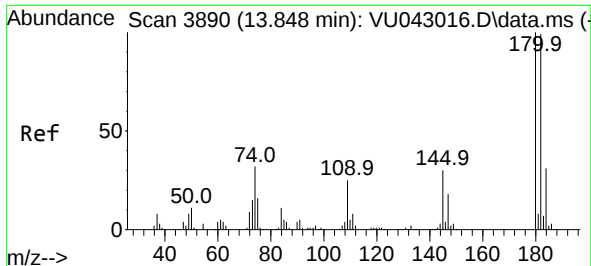
Tgt Ion: 75 Resp: 47332
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.82 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Tgt Ion: 75 Resp: 47332
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

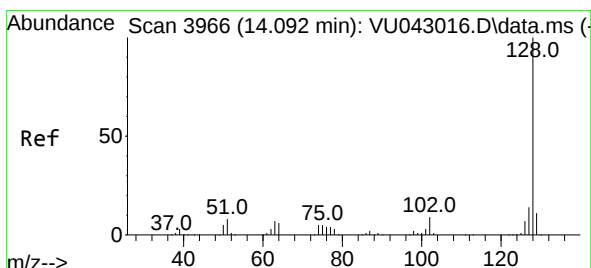
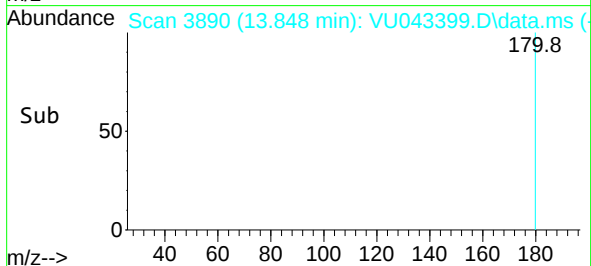
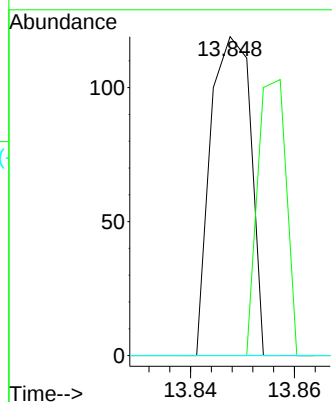
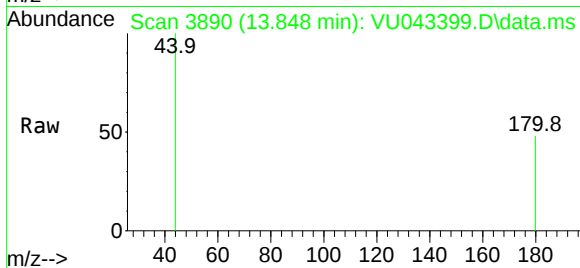




#93
1,2,4-Trichlorobenzene
Concen: 1.54 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-398-400

Tgt Ion:180 Resp: 64
Ion Ratio Lower Upper
180 100
182 60.9 46.9 140.8
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.83 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043399.D
Acq: 28 Apr 2021 20:18

Tgt Ion:128 Resp: 551
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

