

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043365.D
 Acq On : 28 Apr 2021 00:04
 Operator : SY/MD
 Sample : M2133-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ148-20210420

Quant Time: Apr 28 09:13:34 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)

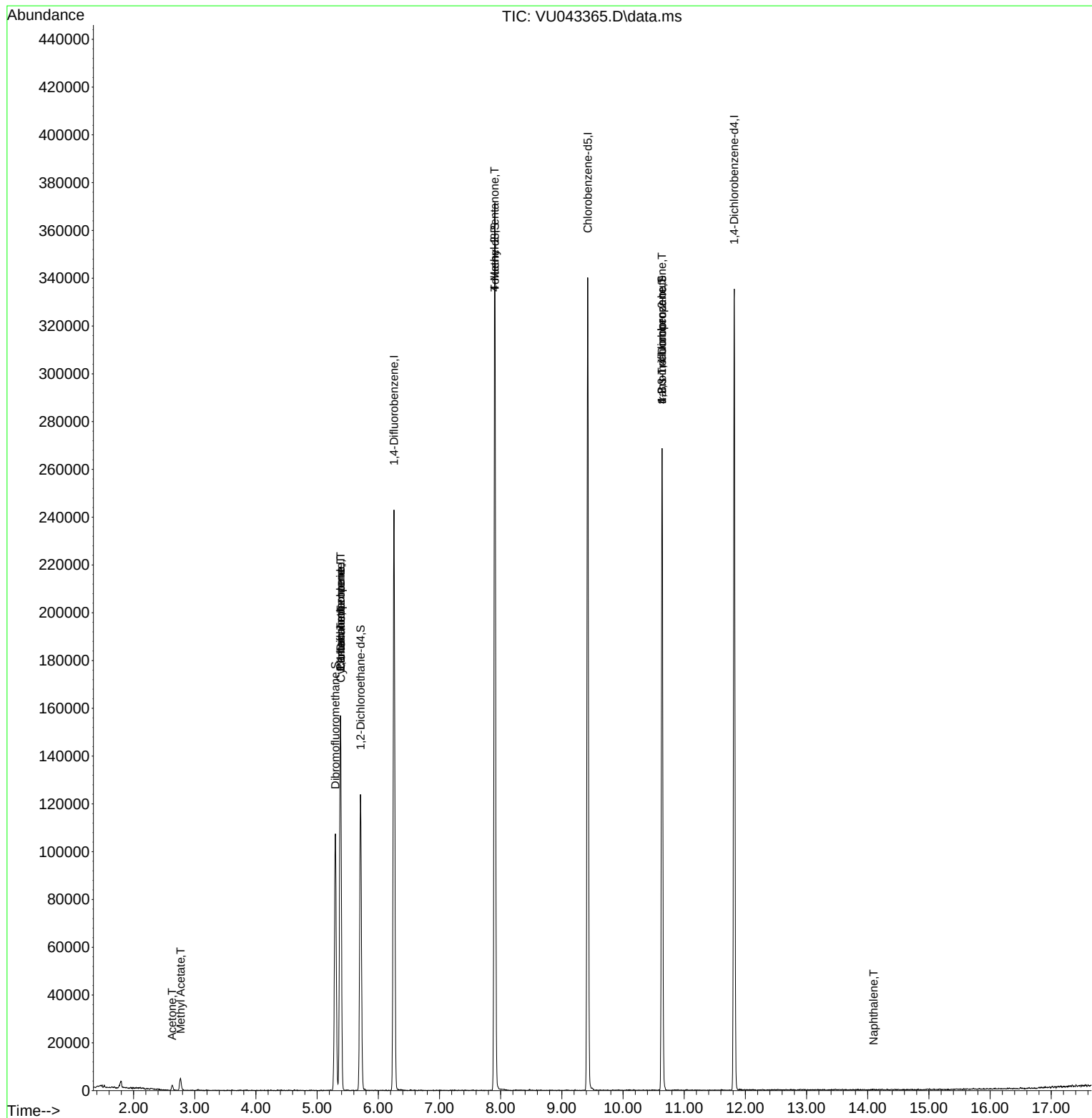
Internal Standards						
1) Pentafluorobenzene	5.382	168	105739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	177061	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	169924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	81150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	95744	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	5.298	113	66034	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	7.906	98	226390	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	10.639	95	78620	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	664	Below Cal	#	86
6) Chloroethane	1.951	64	21	Below Cal	#	42
16) Acetone	2.629	43	2742	2.32	ug/l	100
18) Methyl Acetate	2.768	43	1671	0.75	ug/l #	55
31) Cyclohexane	5.385	56	2800	1.28	ug/l #	27
36) 1,1-Dichloropropene	5.382	75	9066	4.83	ug/l #	50
38) Carbon Tetrachloride	5.382	117	10775	5.35	ug/l #	18
51) 4-Methyl-2-Pentanone	7.903	43	1361	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	45253	19.08	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	45253	56.07	ug/l #	7
95) Naphthalene	14.098	128	46	2.75	ug/l #	69

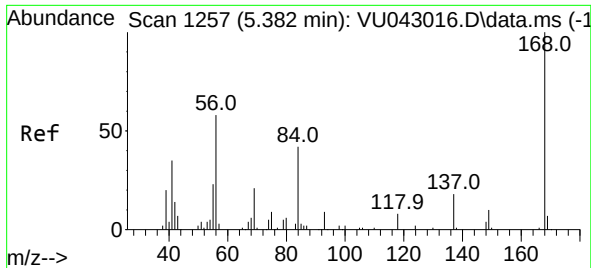
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SA-PZ148-20210420

Quant Time: Apr 28 09:13:34 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

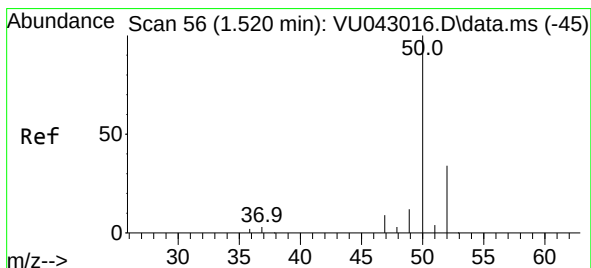
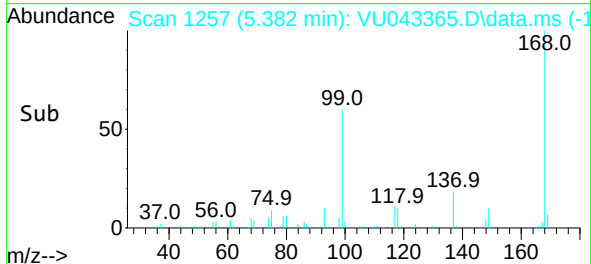
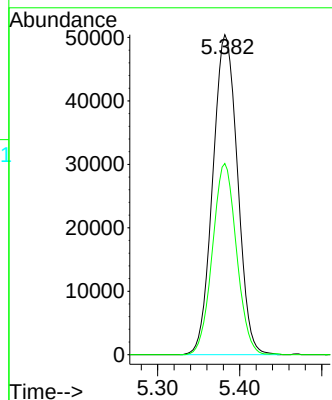
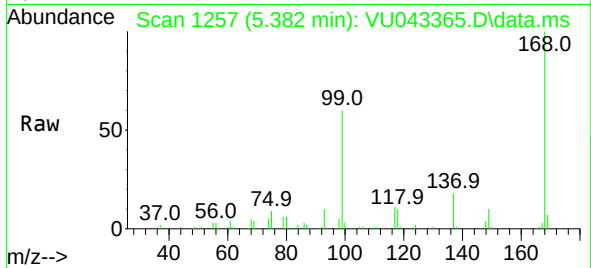




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

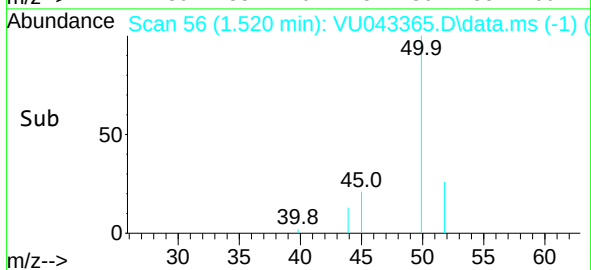
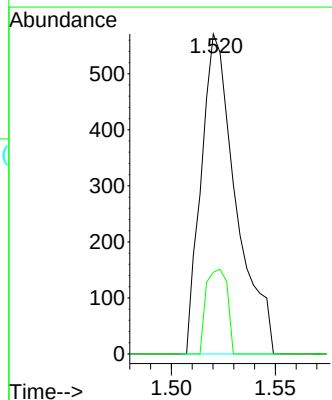
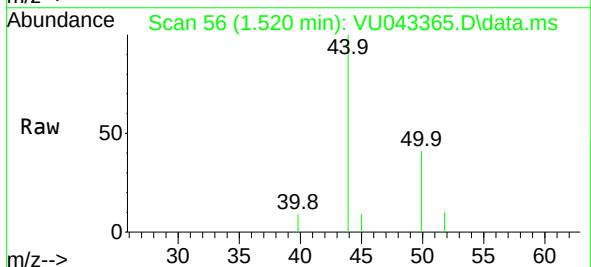
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

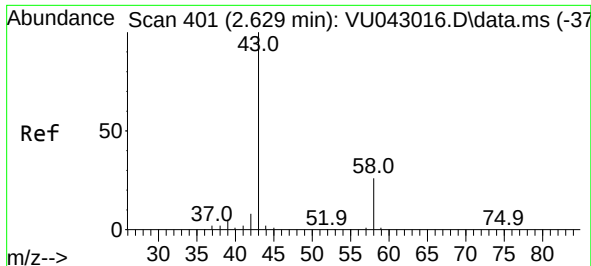
Tgt Ion:168 Resp: 105739
Ion Ratio Lower Upper
168 100
99 59.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

Tgt Ion: 50 Resp: 664
Ion Ratio Lower Upper
50 100
52 25.6 26.6 40.0#

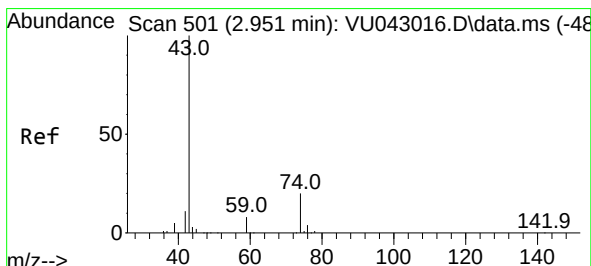
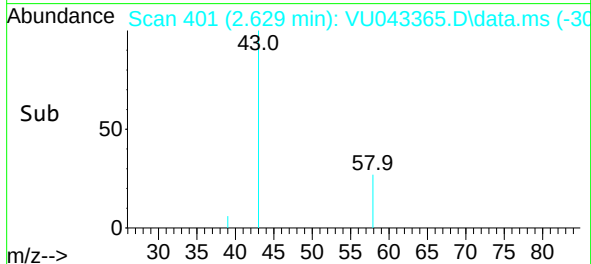
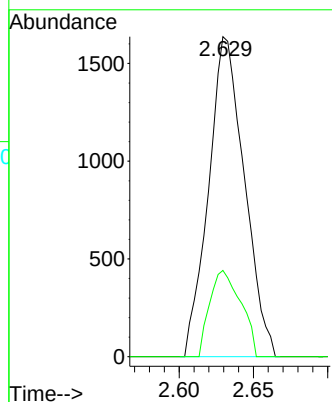
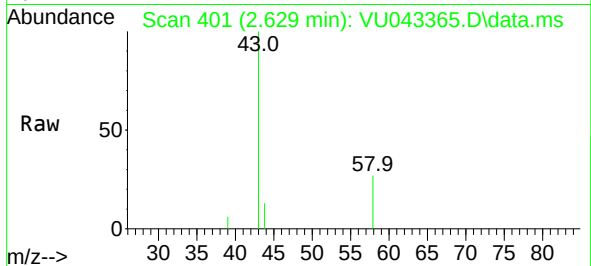




#16
Acetone
Concen: 2.32 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

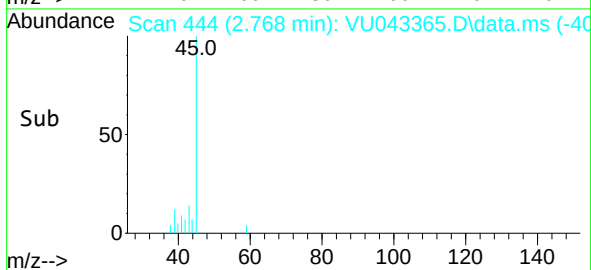
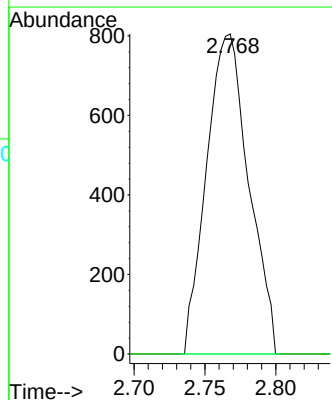
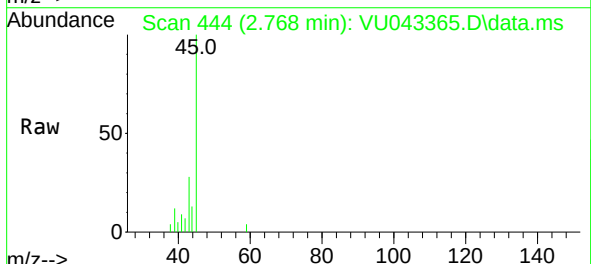
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

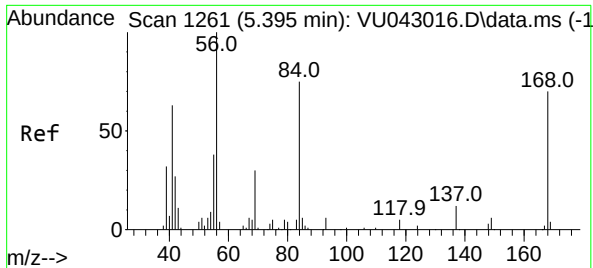
Tgt Ion: 43 Resp: 2742
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3



#18
Methyl Acetate
Concen: 0.75 ug/l
RT: 2.768 min Scan# 444
Delta R.T. -0.183 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

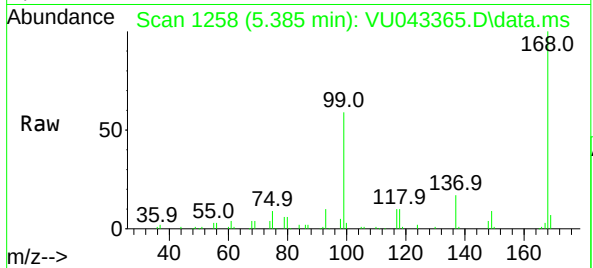
Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



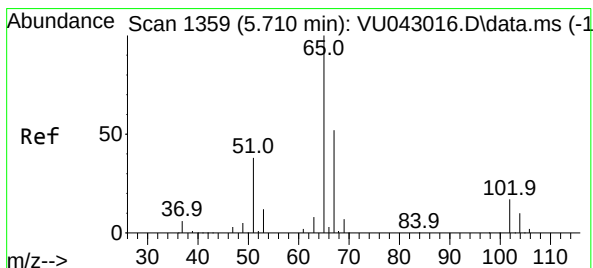
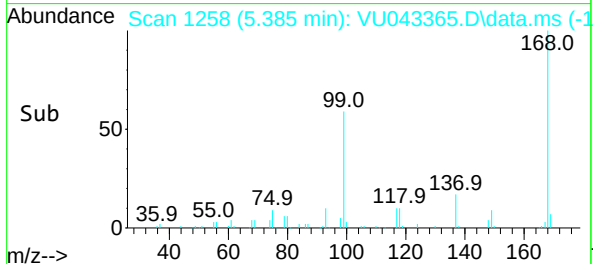
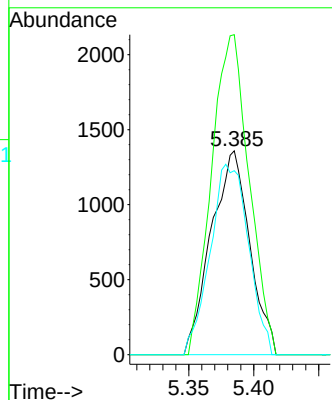


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

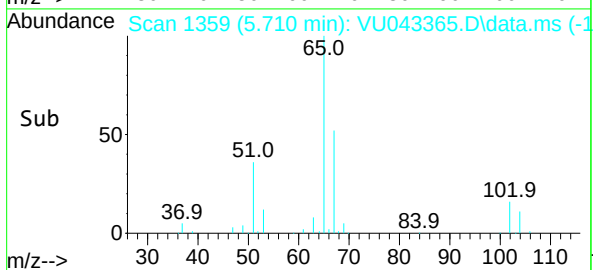
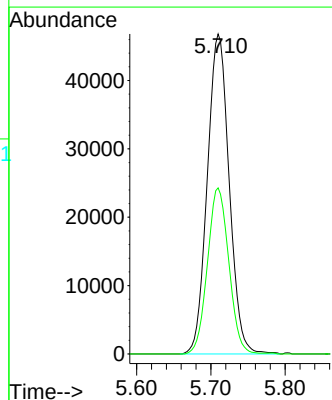
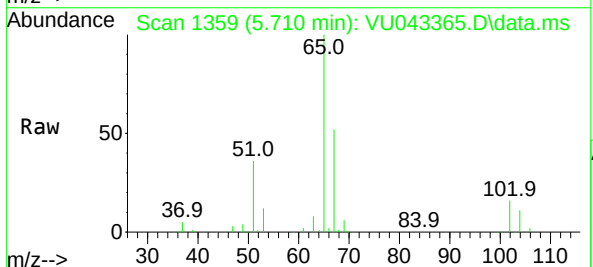


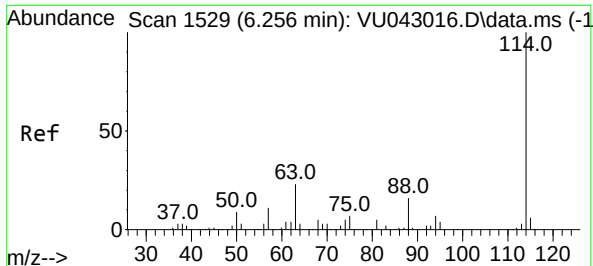
Tgt Ion: 56 Resp: 2800
Ion Ratio Lower Upper
56 100
69 157.0 24.9 37.3#
84 90.3 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 53.86 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

Tgt Ion: 65 Resp: 95744
Ion Ratio Lower Upper
65 100
67 50.6 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: VU043365.D

Acq: 28 Apr 2021 00:04

Tgt Ion:114 Resp: 177061

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.2

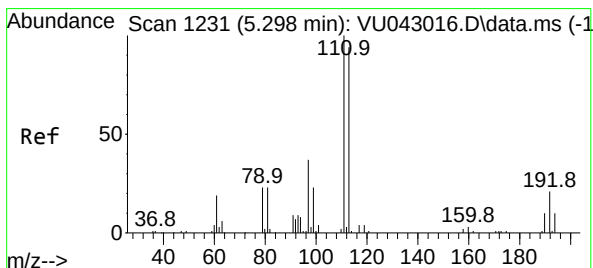
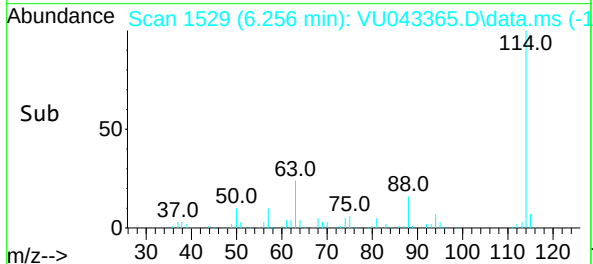
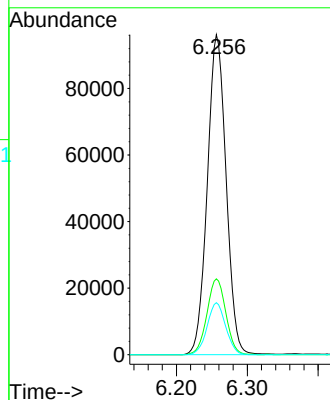
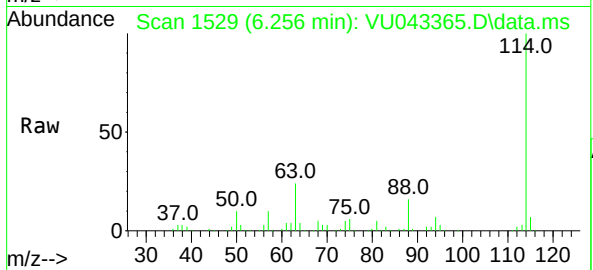
88 16.3 0.0 33.4

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ148-20210420



#35

Dibromofluoromethane

Concen: 49.63 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043365.D

Acq: 28 Apr 2021 00:04

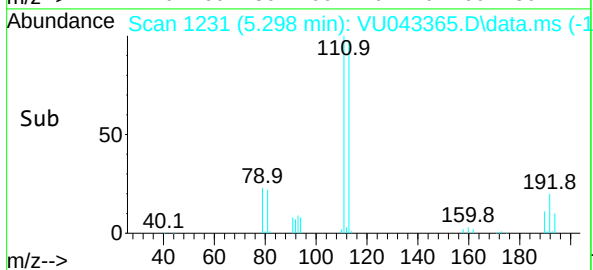
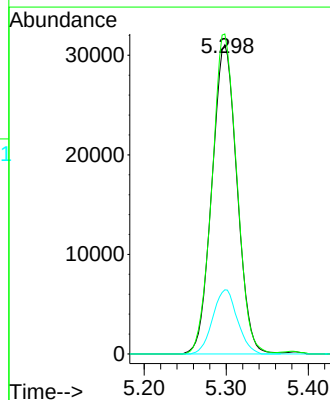
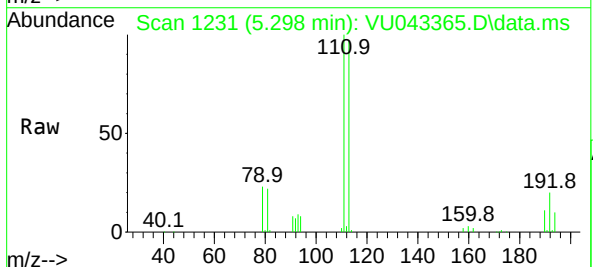
Tgt Ion:113 Resp: 66034

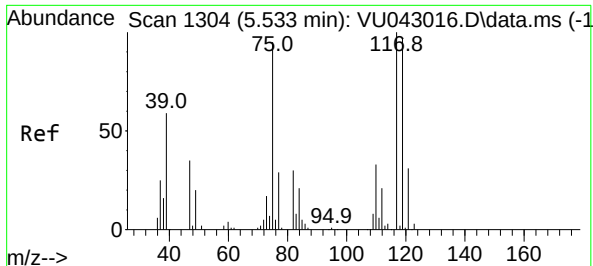
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 20.4 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.83 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043365.D

Acq: 28 Apr 2021 00:04

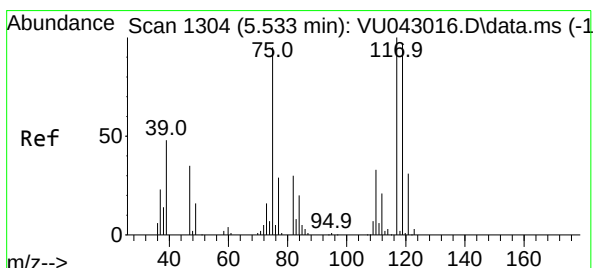
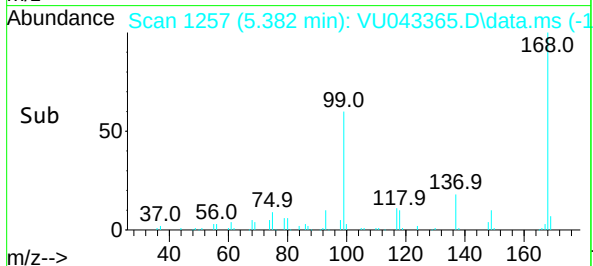
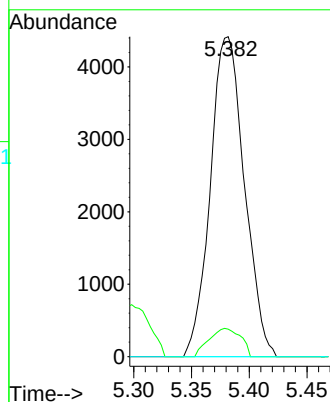
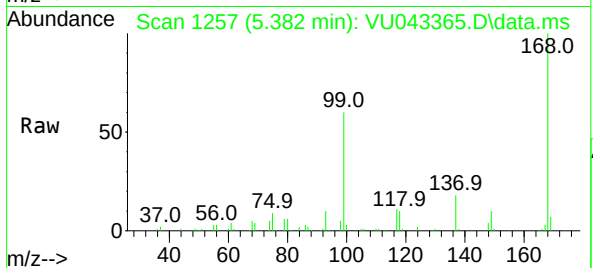
Tgt Ion:	75	Resp:	9066
Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ148-20210420



#38

Carbon Tetrachloride

Concen: 5.35 ug/l

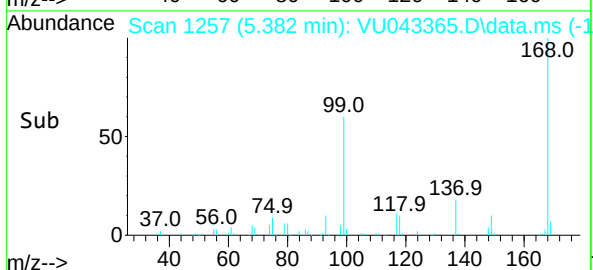
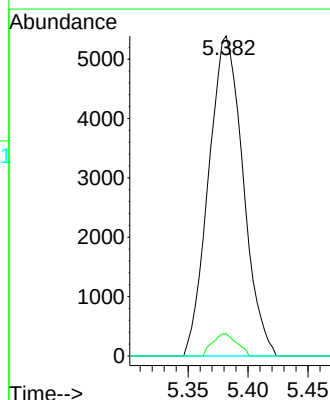
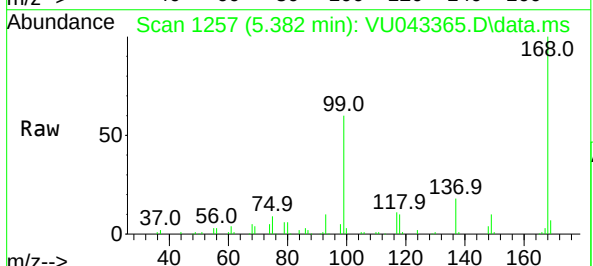
RT: 5.382 min Scan# 1257

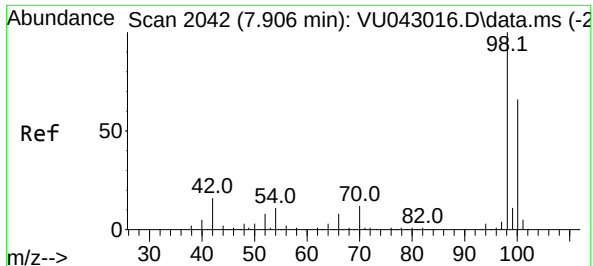
Delta R.T. -0.151 min

Lab File: VU043365.D

Acq: 28 Apr 2021 00:04

Tgt Ion:	117	Resp:	10775
Ion	Ratio	Lower	Upper
117	100		
119	7.0	75.5	113.3#
121	0.0	24.7	37.1#

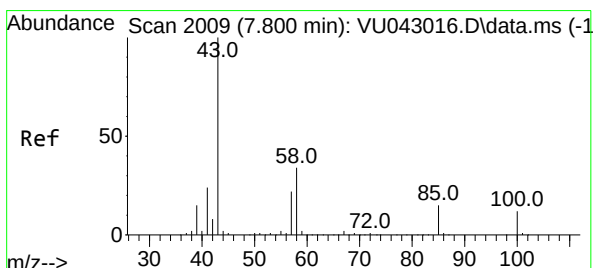
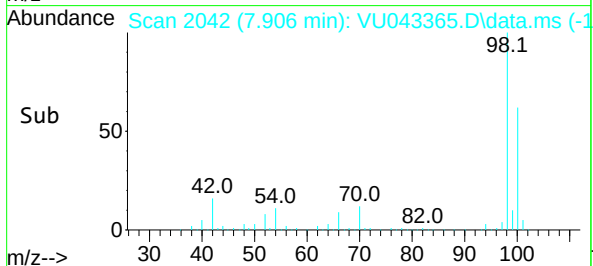
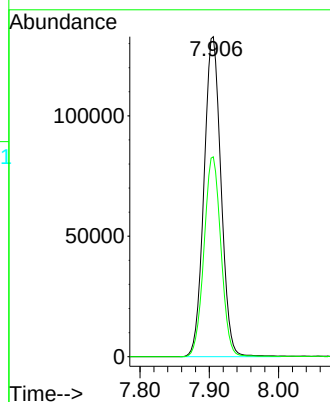
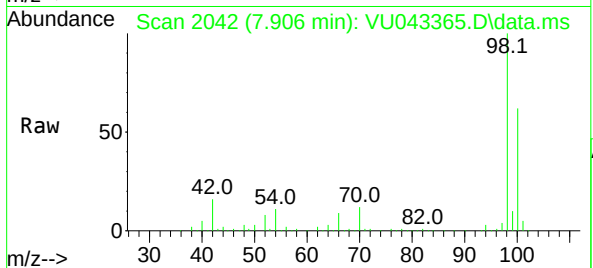




#50
Toluene-d8
Concen: 48.09 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

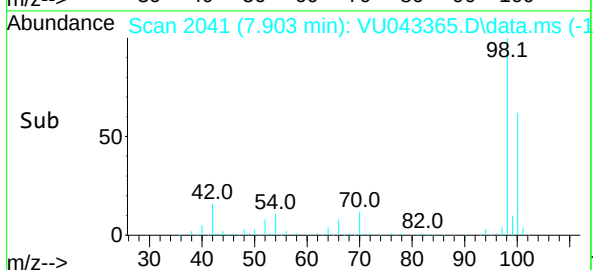
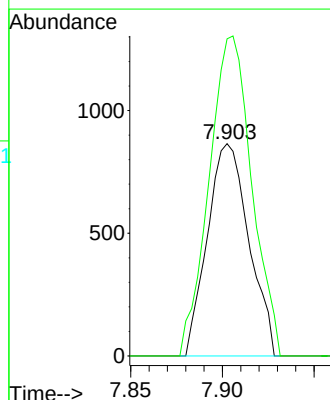
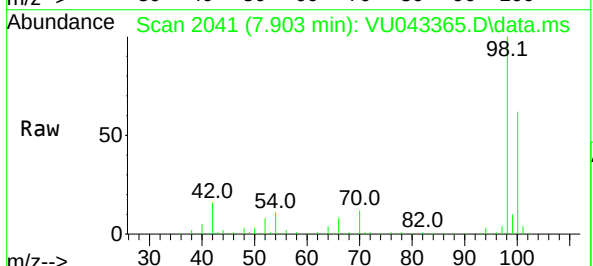
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

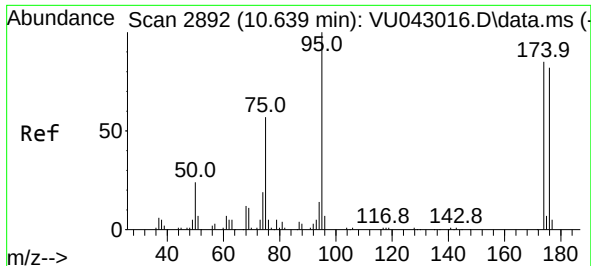
Tgt Ion: 98 Resp: 226390
Ion Ratio Lower Upper
98 100
100 62.1 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 155.3 28.1 42.1#

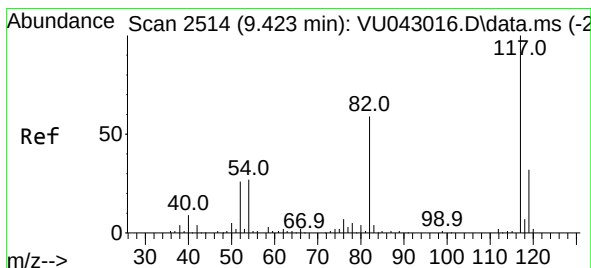
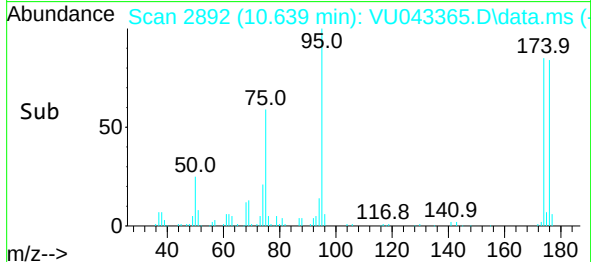
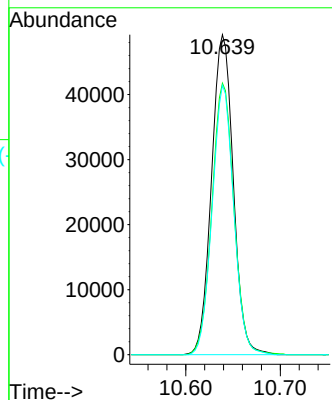
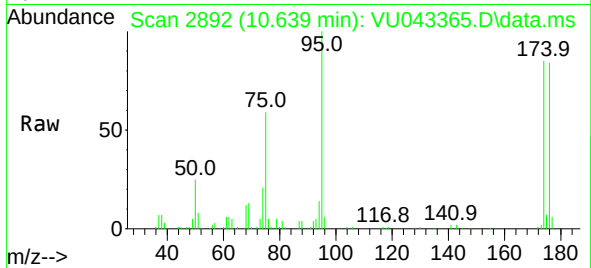




#62
4-Bromofluorobenzene
Concen: 41.70 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

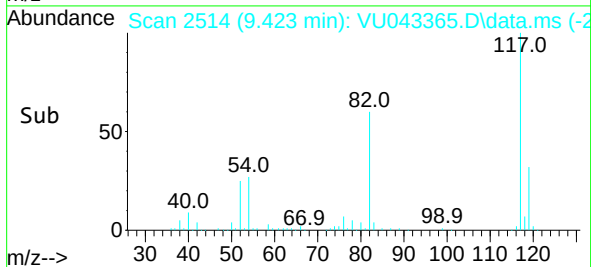
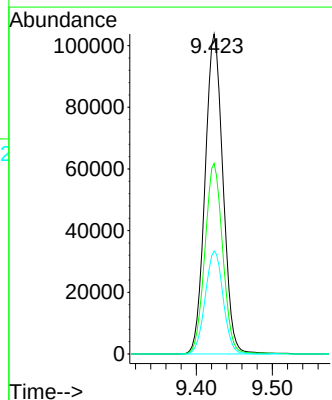
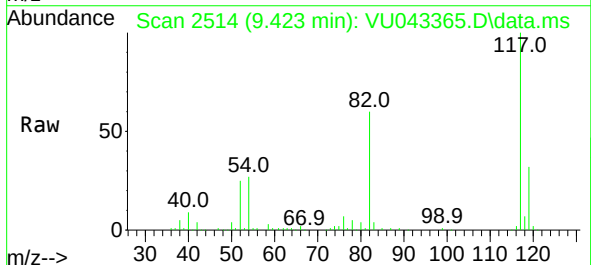
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

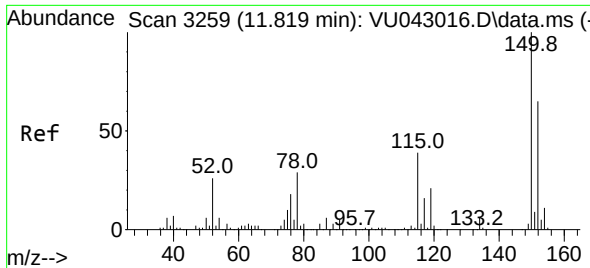
Tgt Ion: 95 Resp: 78620
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.2
176 83.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

Tgt Ion: 117 Resp: 169924
Ion Ratio Lower Upper
117 100
82 59.6 45.8 68.6
119 32.2 25.8 38.8

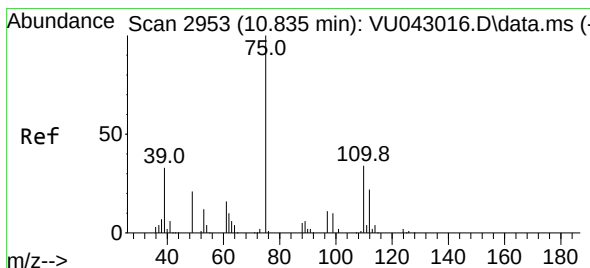
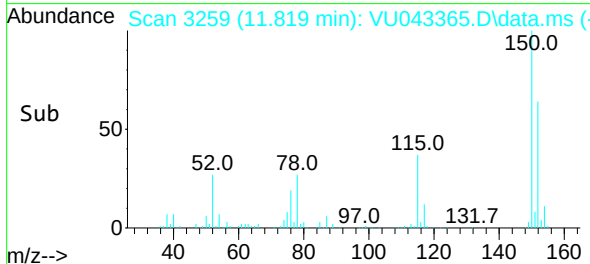
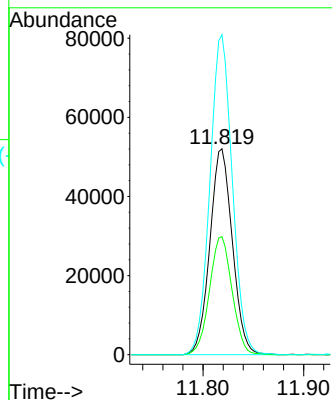
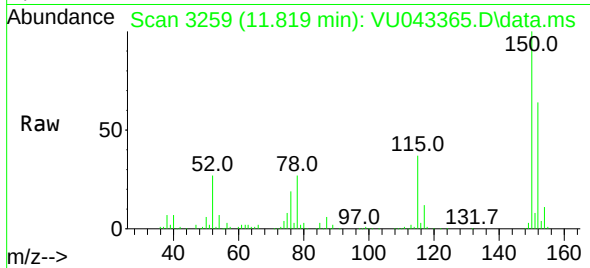




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043365.D
 Acq: 28 Apr 2021 00:04

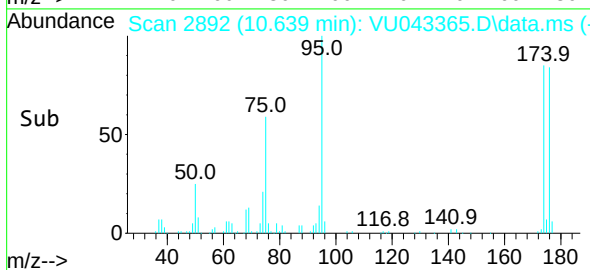
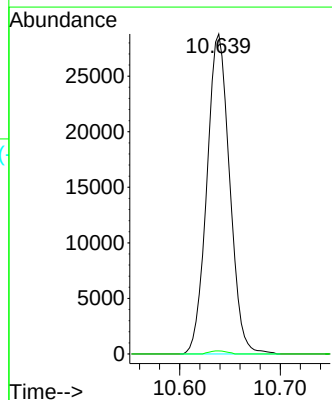
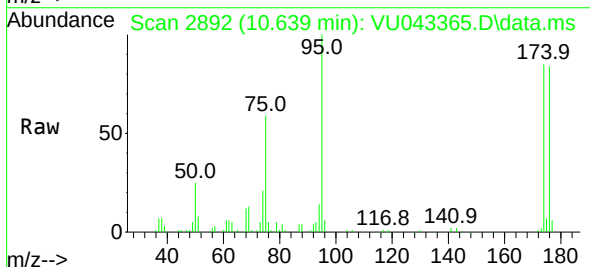
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ148-20210420

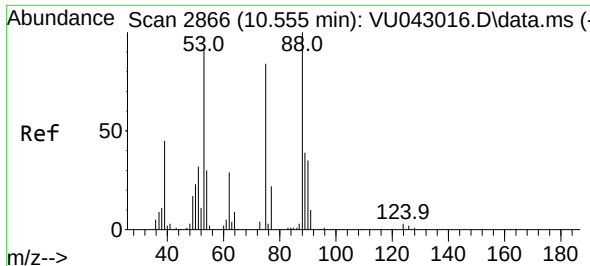
Tgt Ion:152 Resp: 81150
 Ion Ratio Lower Upper
 152 100
 115 57.3 41.5 124.6
 150 154.0 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.08 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043365.D
 Acq: 28 Apr 2021 00:04

Tgt Ion: 75 Resp: 45253
 Ion Ratio Lower Upper
 75 100
 77 0.7 20.2 60.5#

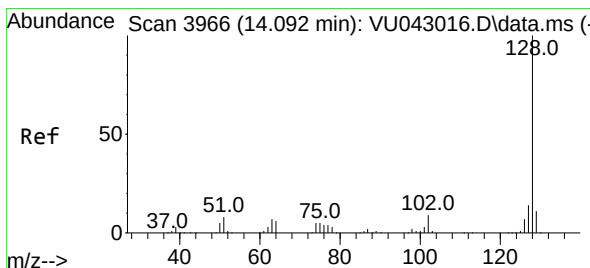
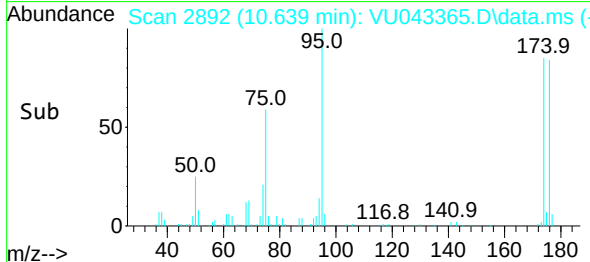
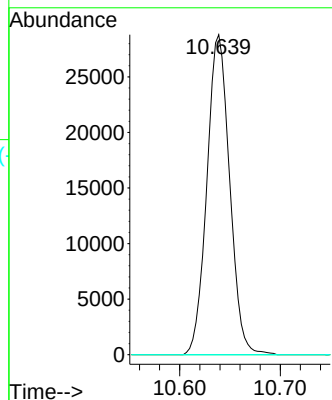
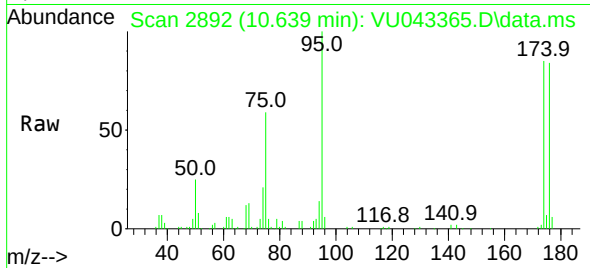




#81
trans-1,4-Dichloro-2-butene
Concen: 56.07 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

Tgt Ion: 75 Resp: 45253
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.75 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043365.D
Acq: 28 Apr 2021 00:04

Tgt Ion:128 Resp: 46
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

