

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043388.D
 Acq On : 28 Apr 2021 16:04
 Operator : SY/MD
 Sample : M2133-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ148-20210420

Quant Time: Apr 29 08:39:33 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)

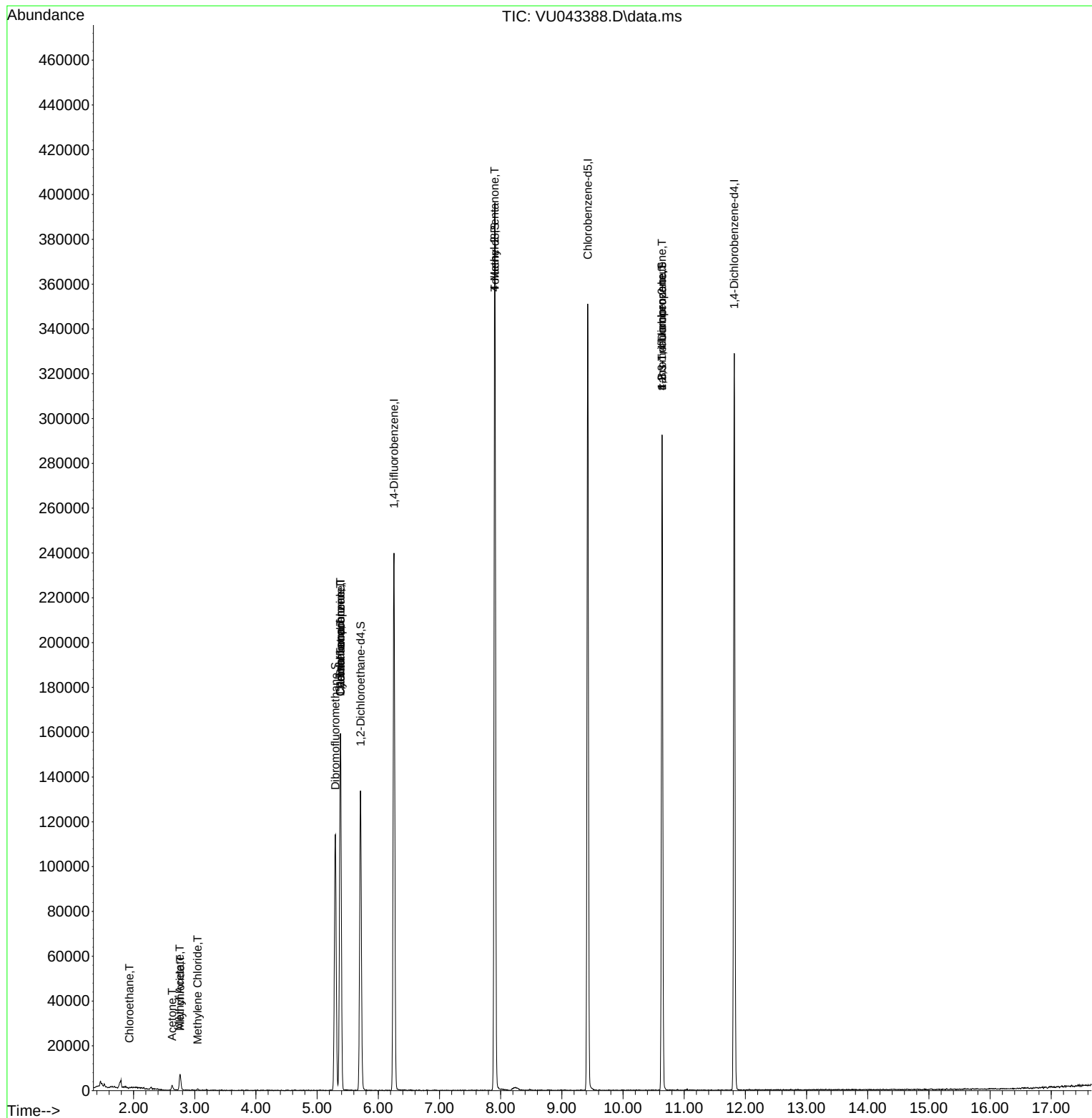
Internal Standards						
1) Pentafluorobenzene	5.382	168	106194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	177022	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	172821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	79855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100940	56.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.08%	
35) Dibromofluoromethane	5.298	113	70202	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	7.906	98	239048	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	10.639	95	83758	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	1071	Below Cal		92
6) Chloroethane	1.932	64	240	0.25 ug/l #		42
14) Allyl chloride	2.761	41	798	0.33 ug/l #		55
16) Acetone	2.629	43	2467	2.05 ug/l		94
18) Methyl Acetate	2.755	43	2224	1.00 ug/l #		55
20) Methylene Chloride	3.044	84	256	0.20 ug/l #		39
31) Cyclohexane	5.379	56	2659	1.21 ug/l #		8
36) 1,1-Dichloropropene	5.379	75	8864	4.72 ug/l #		49
38) Carbon Tetrachloride	5.379	117	10811	5.37 ug/l #		19
51) 4-Methyl-2-Pentanone	7.903	43	1312	0.39 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	48604	20.83 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	48604	61.20 ug/l #		7

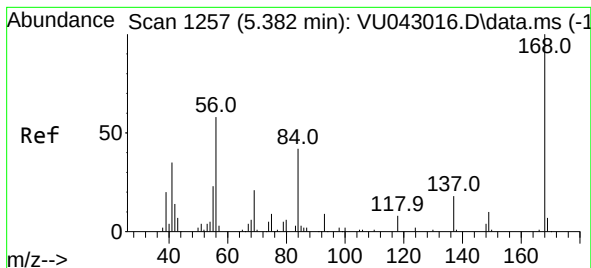
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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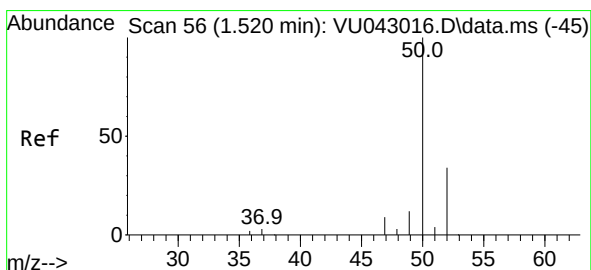
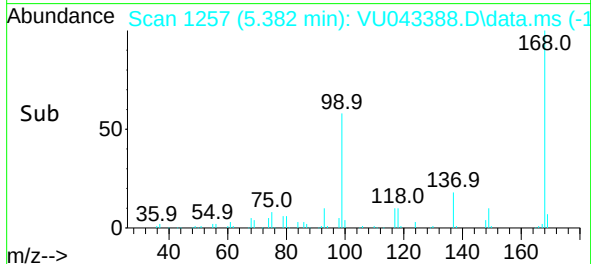
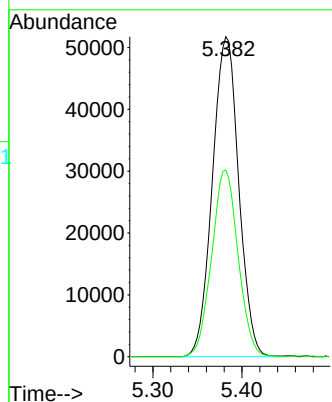
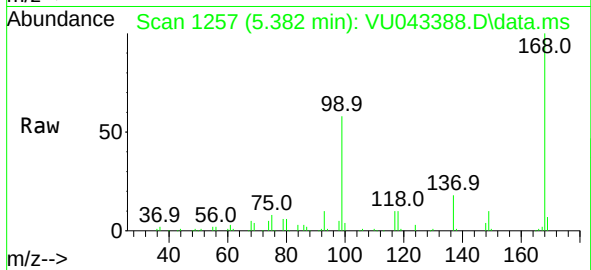




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

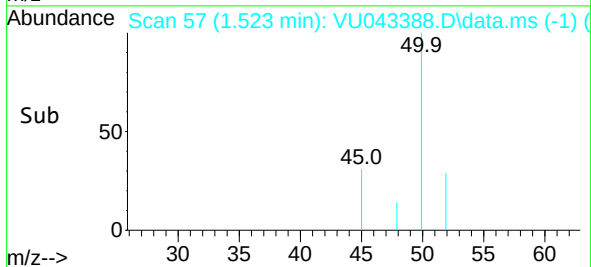
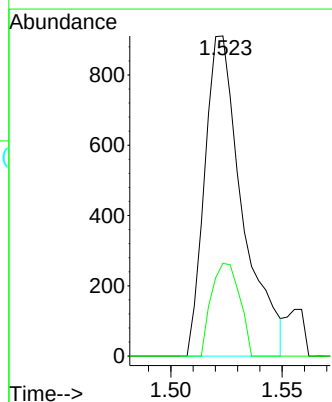
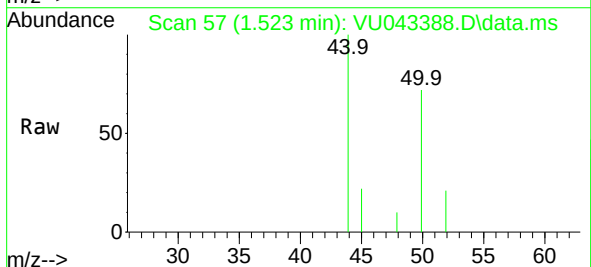
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

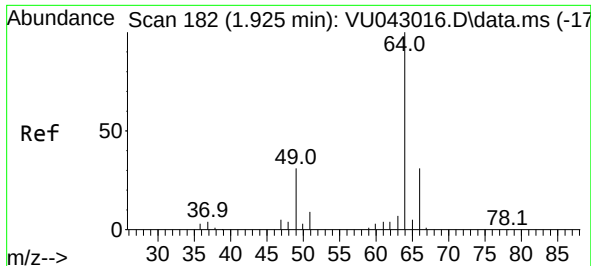
Tgt Ion:168 Resp: 106194
Ion Ratio Lower Upper
168 100
99 58.3 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

Tgt Ion: 50 Resp: 1071
Ion Ratio Lower Upper
50 100
52 29.0 26.6 40.0

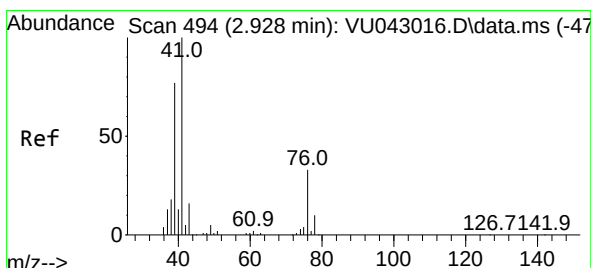
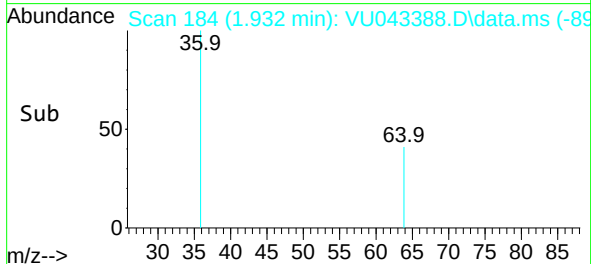
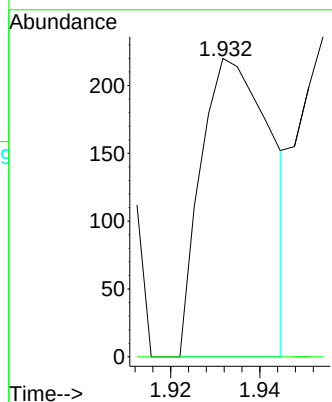
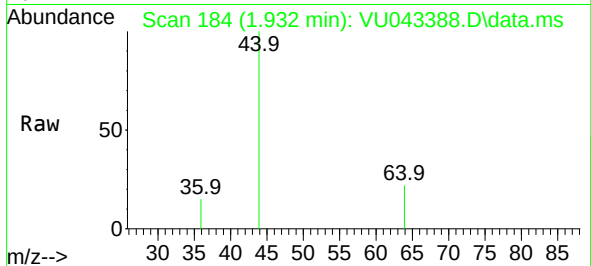




#6
Chloroethane
Concen: 0.25 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.007 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

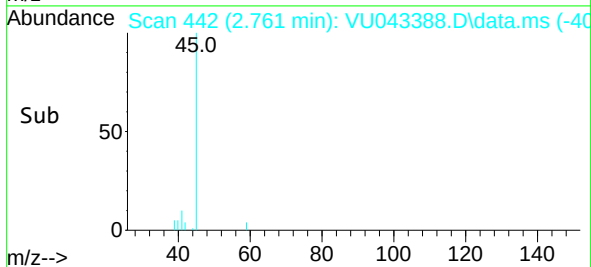
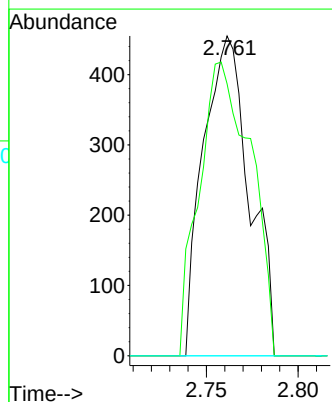
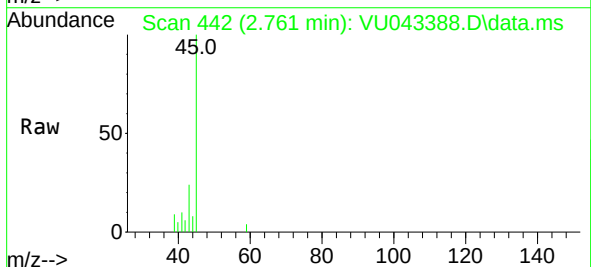
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

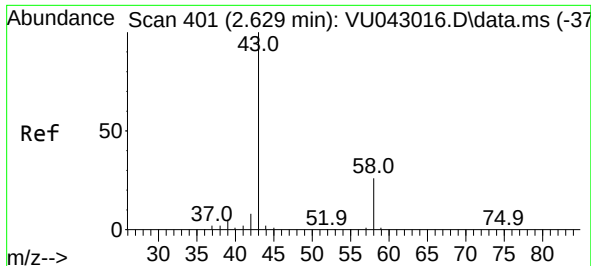
Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#14
Allyl chloride
Concen: 0.33 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.167 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

Tgt Ion: 41 Resp: 798
Ion Ratio Lower Upper
41 100
39 102.8 54.9 82.3#
76 0.0 22.5 33.7#

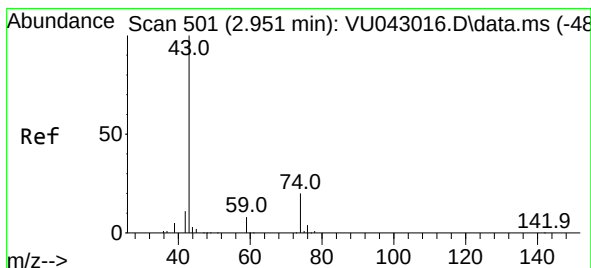
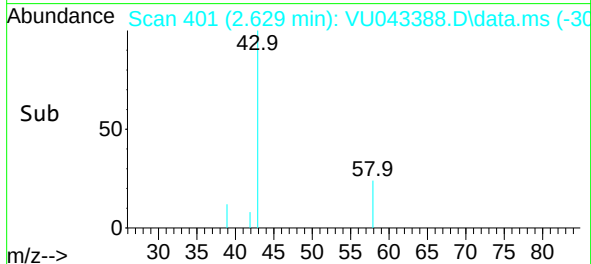
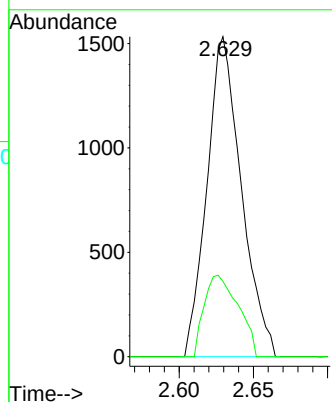
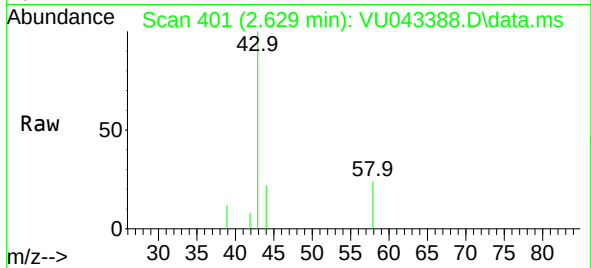




#16
Acetone
Concen: 2.05 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

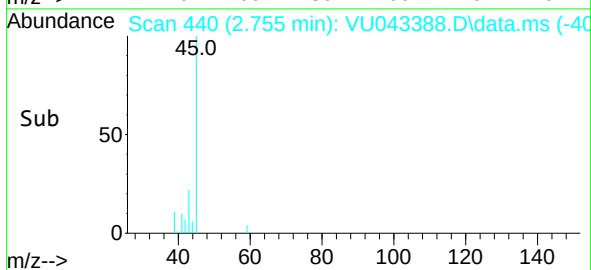
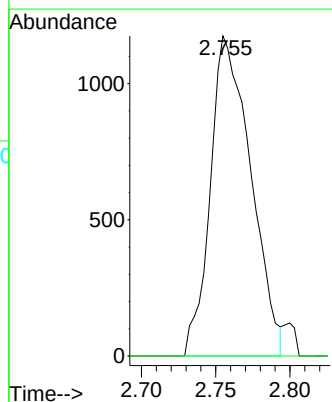
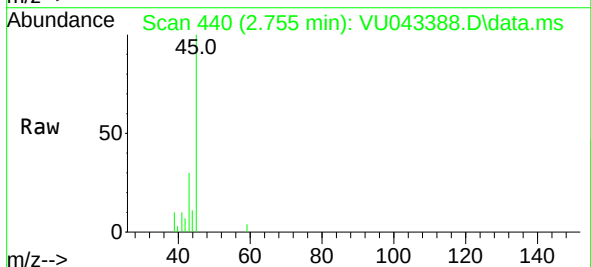
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

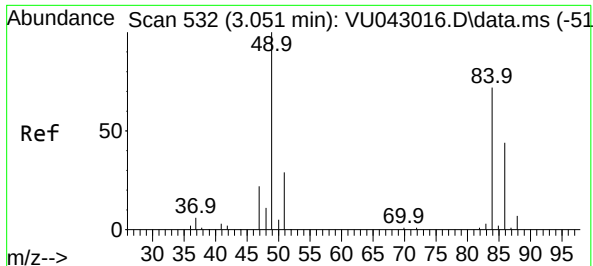
Tgt Ion: 43 Resp: 2467
Ion Ratio Lower Upper
43 100
58 23.5 21.5 32.3



#18
Methyl Acetate
Concen: 1.00 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.196 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

Tgt Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#





#20

Methylene Chloride

Concen: 0.20 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.007 min

Lab File: VU043388.D

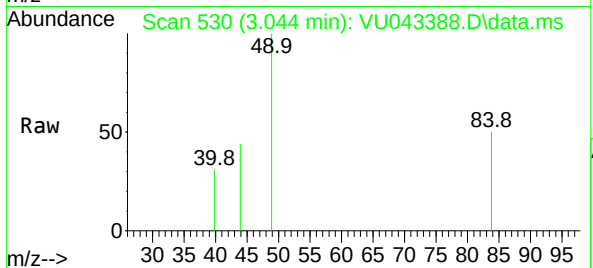
Acq: 28 Apr 2021 16:04

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ148-20210420



Tgt Ion: 84 Resp: 256

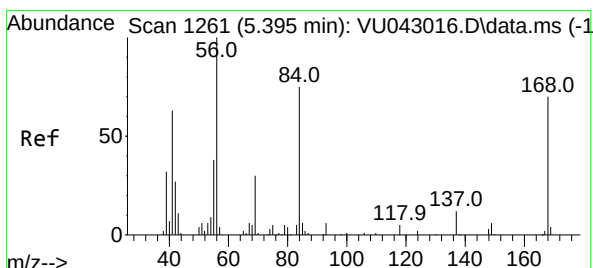
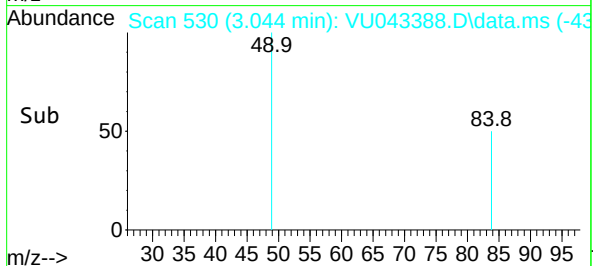
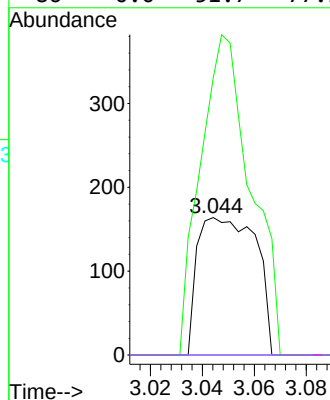
Ion Ratio Lower Upper

84 100

49 201.8 112.6 169.0#

51 0.0 33.7 50.5#

86 0.0 51.7 77.5#



#31

Cyclohexane

Concen: 1.21 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.016 min

Lab File: VU043388.D

Acq: 28 Apr 2021 16:04

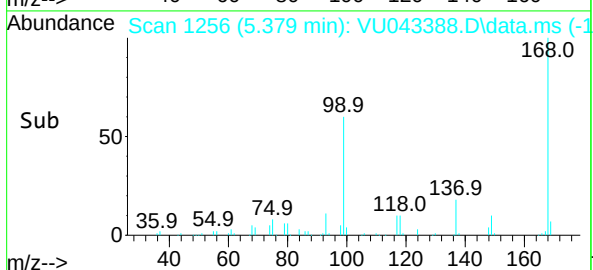
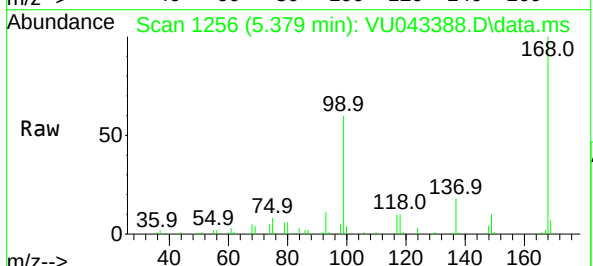
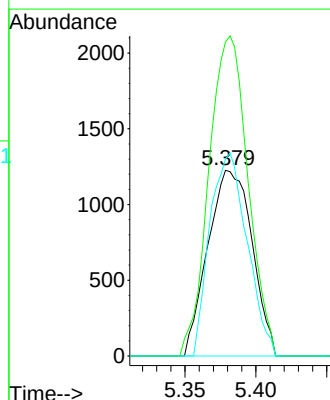
Tgt Ion: 56 Resp: 2659

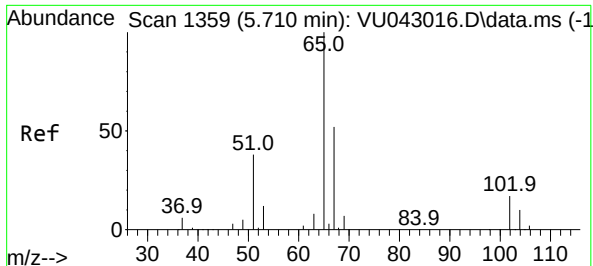
Ion Ratio Lower Upper

56 100

69 169.2 24.9 37.3#

84 106.1 63.7 95.5#





#33

1,2-Dichloroethane-d4

Concen: 56.54 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043388.D

Acq: 28 Apr 2021 16:04

Tgt Ion: 65 Resp: 100940

Ion Ratio Lower Upper

65 100

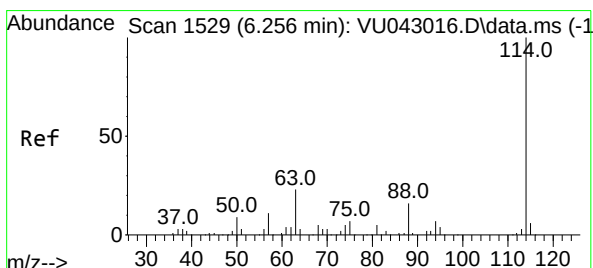
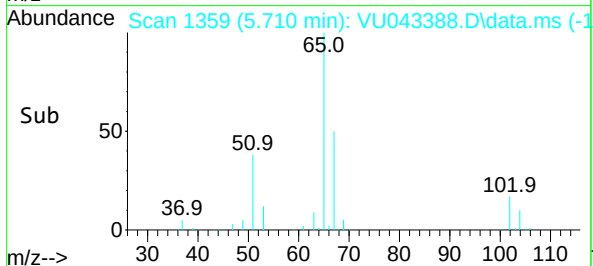
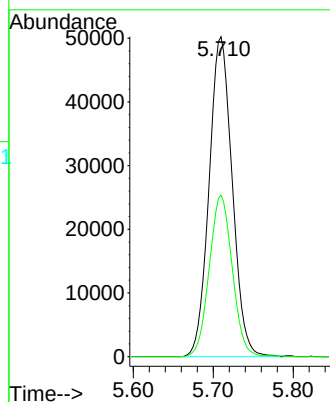
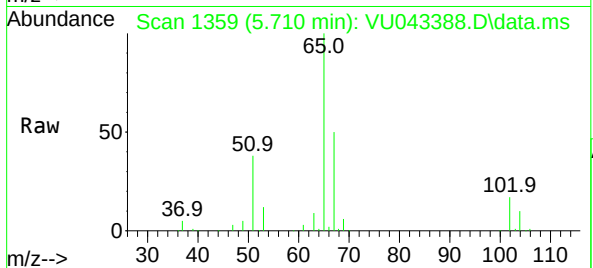
67 50.0 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ148-20210420



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043388.D

Acq: 28 Apr 2021 16:04

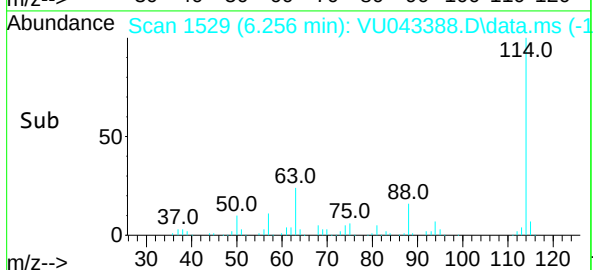
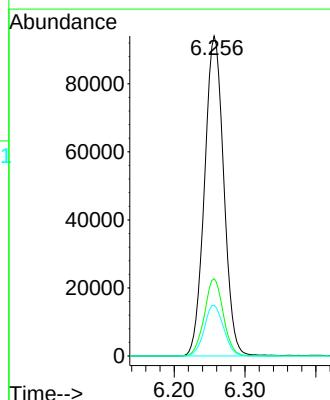
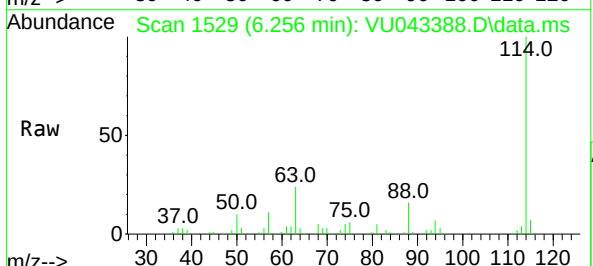
Tgt Ion: 114 Resp: 177022

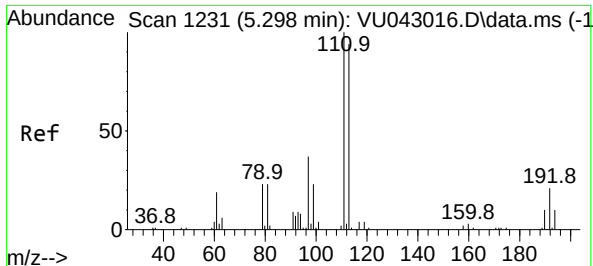
Ion Ratio Lower Upper

114 100

63 24.2 0.0 44.2

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.78 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043388.D

Acq: 28 Apr 2021 16:04

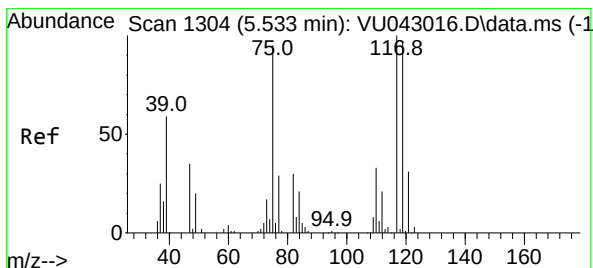
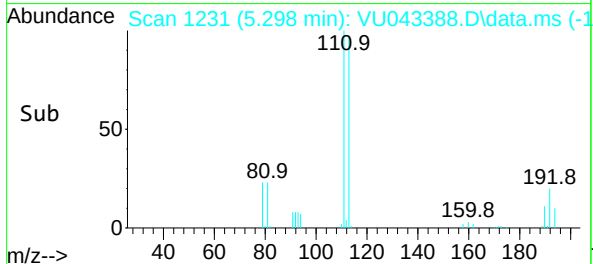
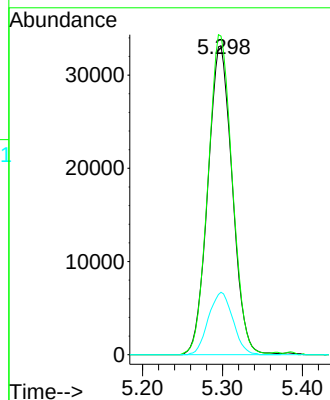
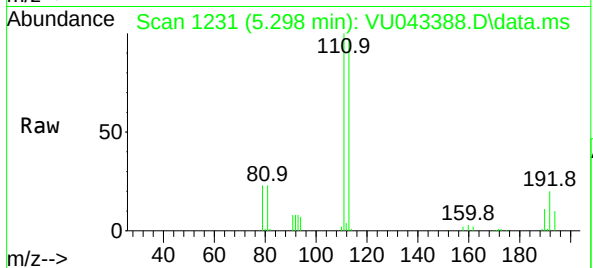
Instrument :

MSVOA_U

ClientSampleId :

SA-PZ148-20210420

Tgt Ion:113	Resp:	70202
Ion Ratio	Lower	Upper
113	100	
111	102.8	81.8 122.8
192	20.2	17.2 25.8



#36

1,1-Dichloropropene

Concen: 4.72 ug/l

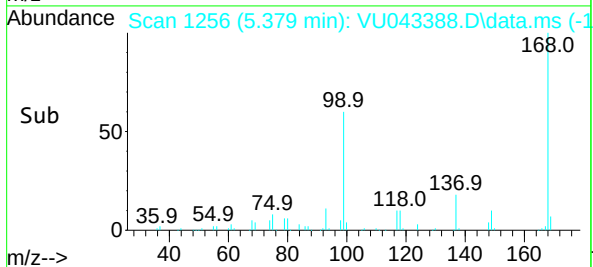
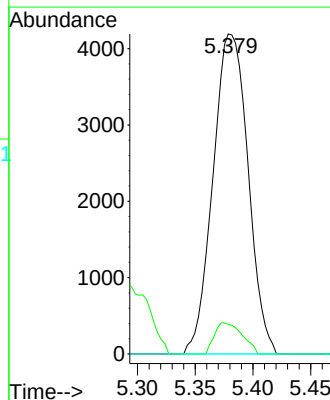
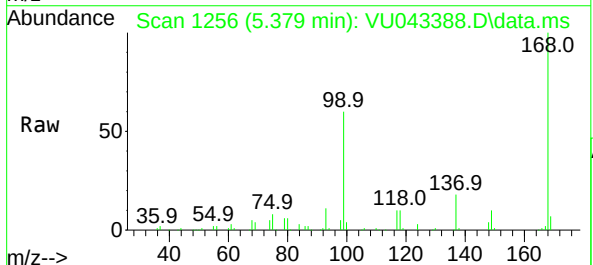
RT: 5.379 min Scan# 1256

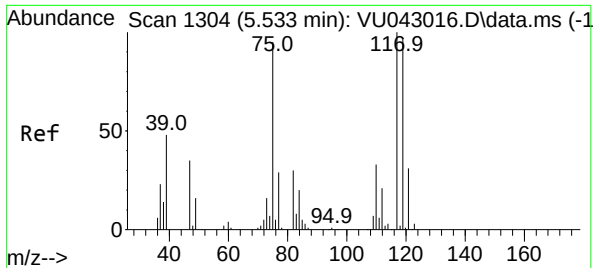
Delta R.T. -0.154 min

Lab File: VU043388.D

Acq: 28 Apr 2021 16:04

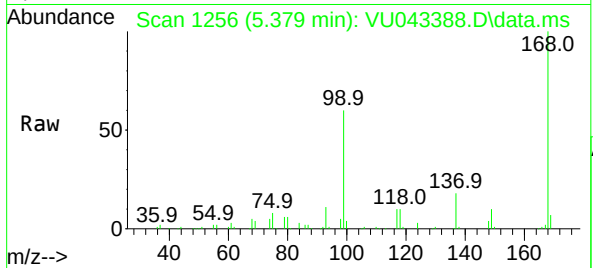
Tgt Ion: 75	Resp:	8864
Ion Ratio	Lower	Upper
75	100	
110	7.7	16.8 50.3#
77	0.0	24.8 37.2#



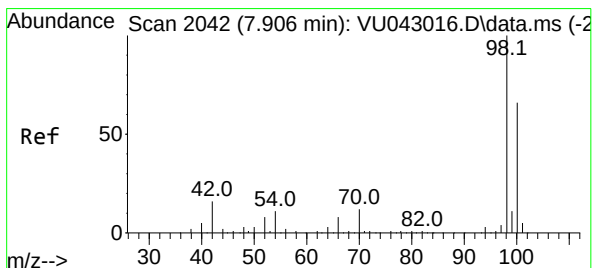
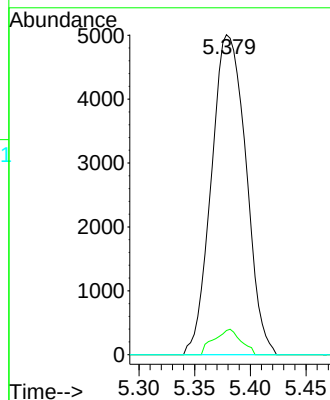
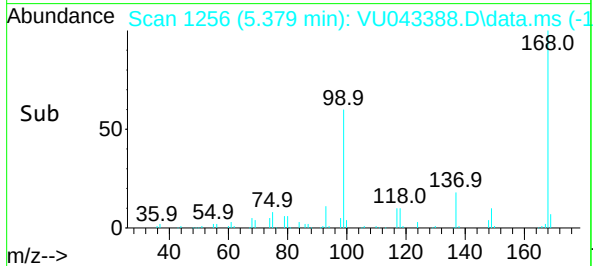


#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

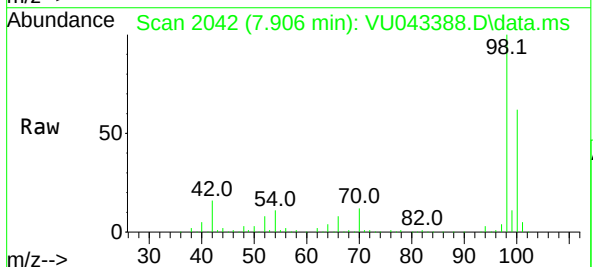
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420



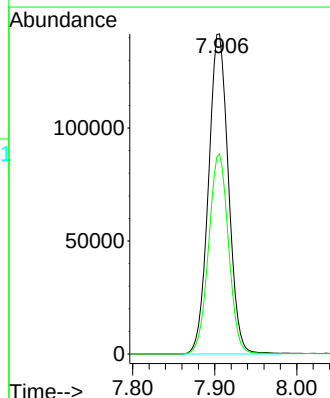
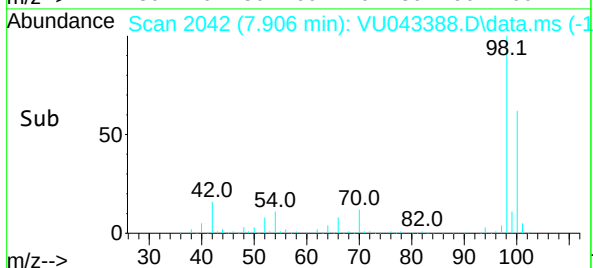
Tgt Ion:117 Resp: 10811
Ion Ratio Lower Upper
117 100
119 7.6 75.5 113.3#
121 0.0 24.7 37.1#

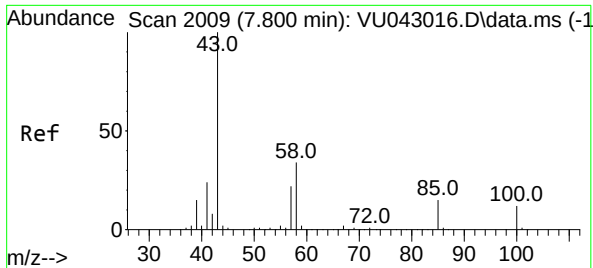


#50
Toluene-d8
Concen: 50.79 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04



Tgt Ion: 98 Resp: 239048
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2

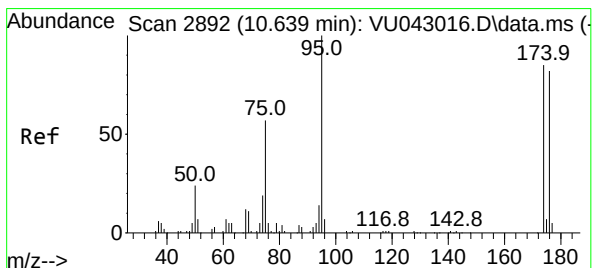
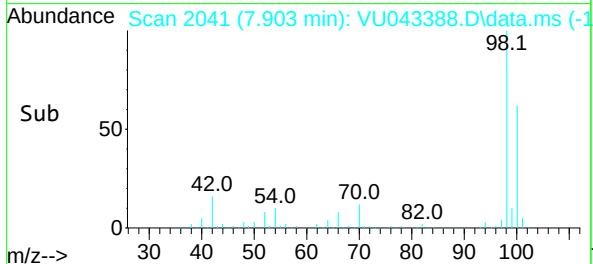
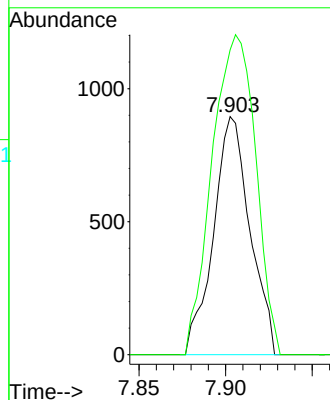
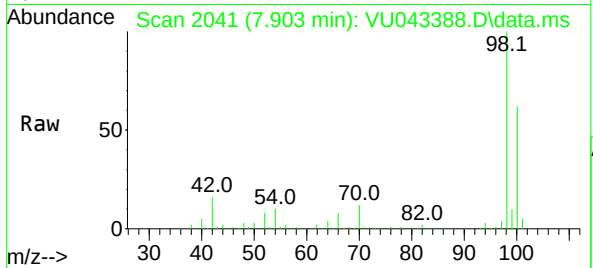




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

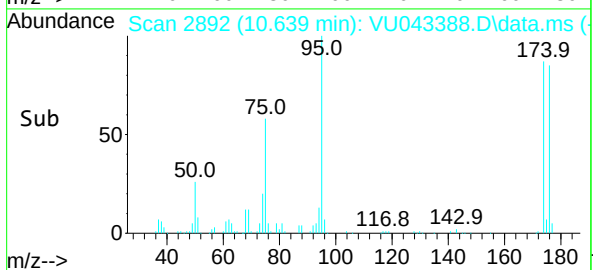
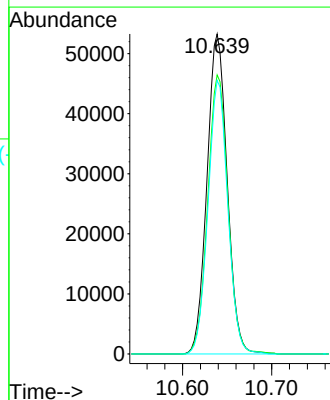
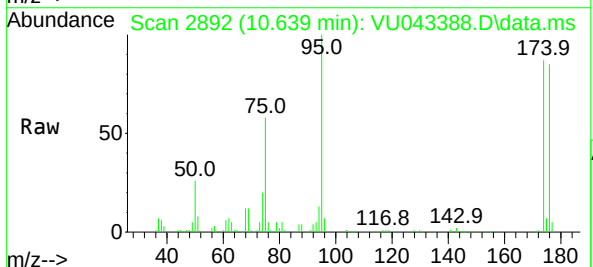
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

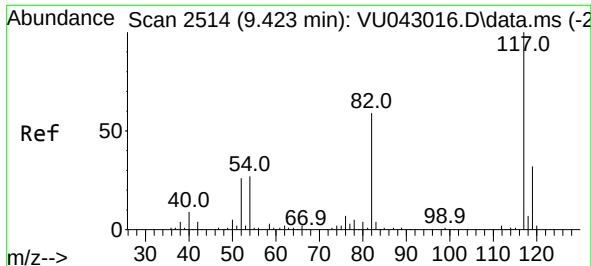
Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
58 160.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 44.44 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

Tgt Ion: 95 Resp: 83758
Ion Ratio Lower Upper
95 100
174 87.5 0.0 172.2
176 83.7 0.0 168.8

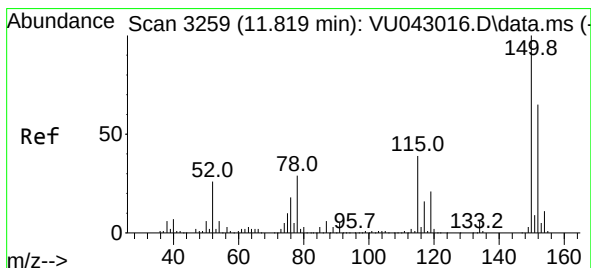
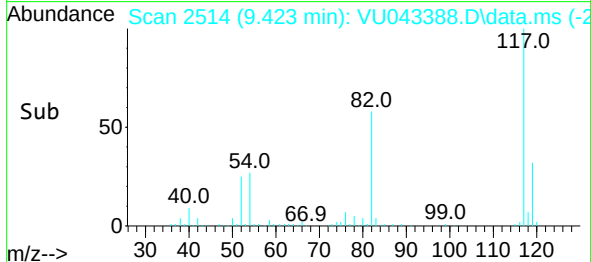
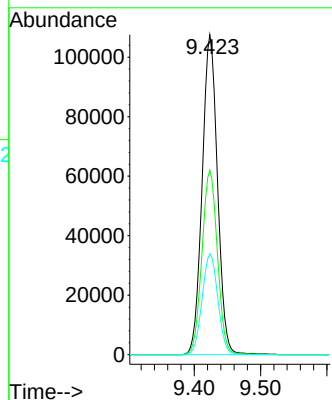
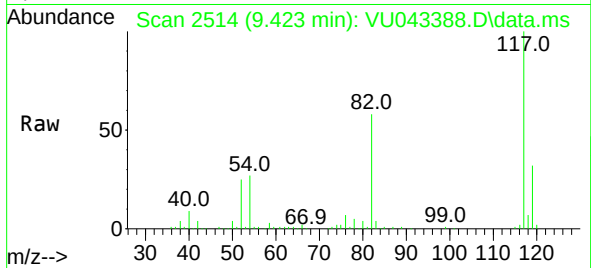




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

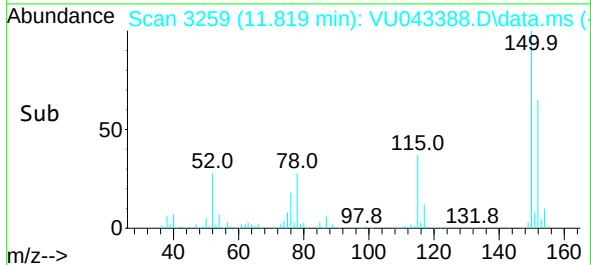
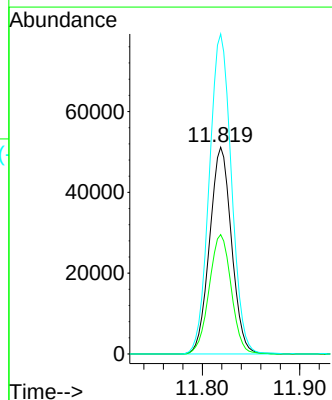
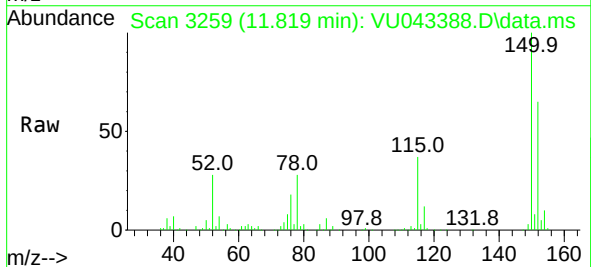
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

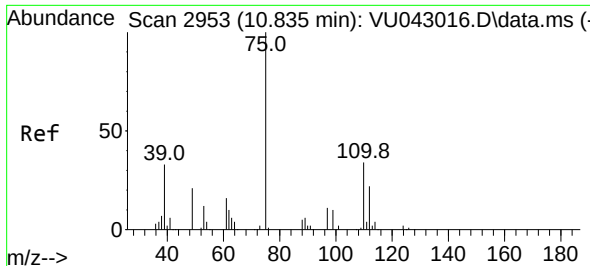
Tgt Ion:117 Resp: 172821
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

Tgt Ion:152 Resp: 79855
Ion Ratio Lower Upper
152 100
115 58.1 41.5 124.6
150 156.5 0.0 342.4

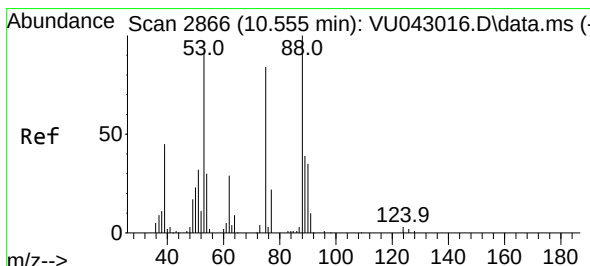
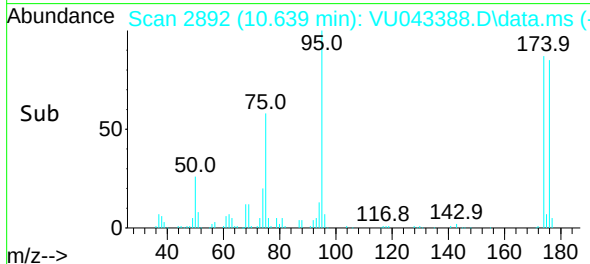
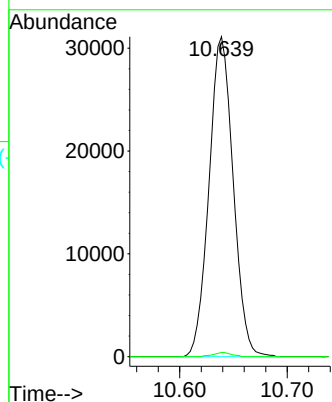
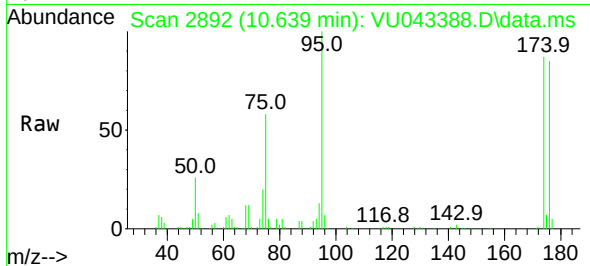




#76
1,2,3-Trichloropropane
Concen: 20.83 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ148-20210420

Tgt Ion: 75 Resp: 48604
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.20 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043388.D
Acq: 28 Apr 2021 16:04

Tgt Ion: 75 Resp: 48604
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

