

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043107.D
 Acq On : 14 Apr 2021 20:08
 Operator : SY/MD
 Sample : M2026-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:10:05 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)

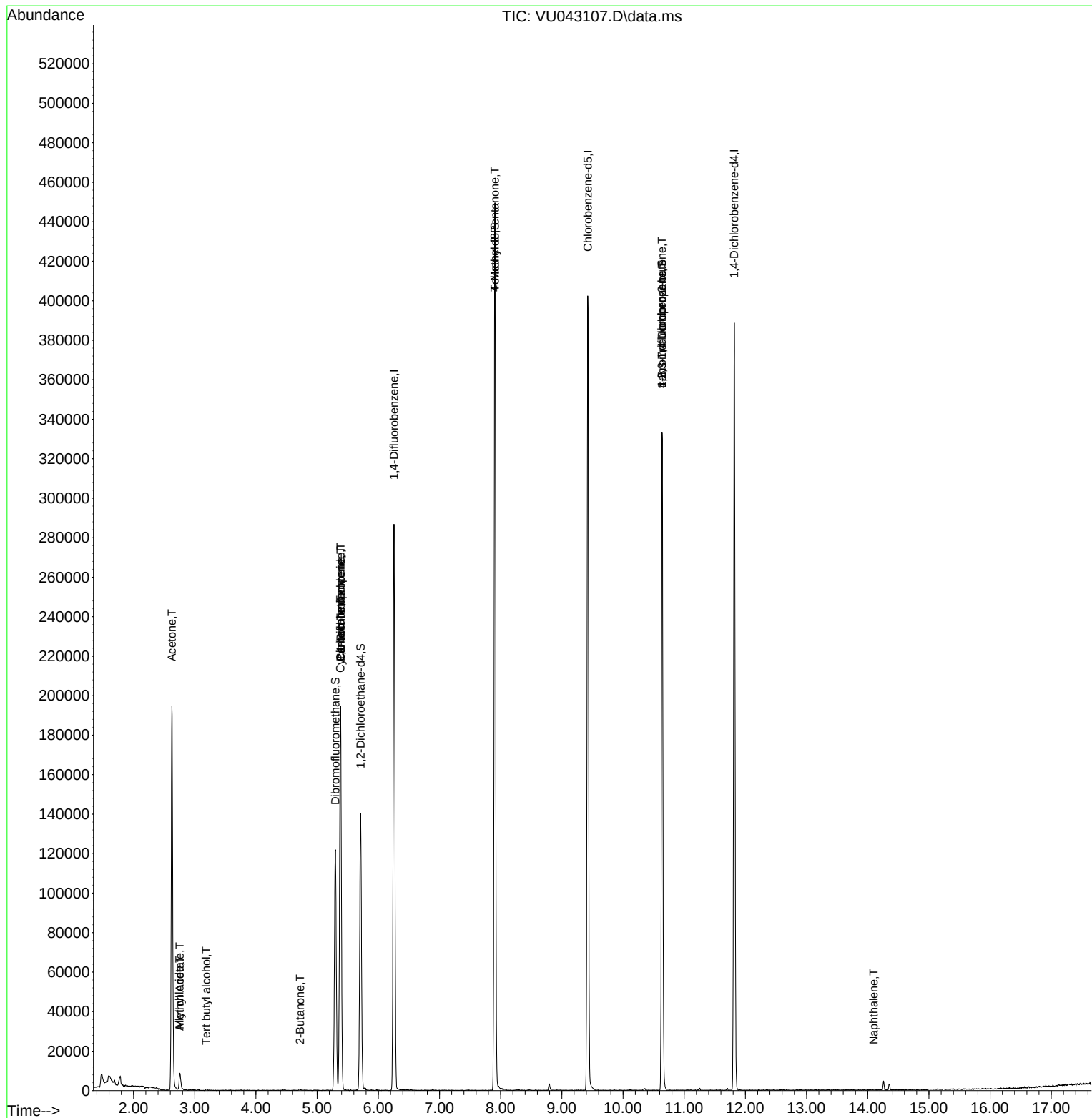
Internal Standards						
1) Pentafluorobenzene	5.382	168	132638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	214980	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	205967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	96886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	107801	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
35) Dibromofluoromethane	5.298	113	75074	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	7.906	98	273356	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	10.639	95	100149	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	379	Below Cal	#	41
11) Tert butyl alcohol	3.186	59	394	0.69 ug/l	#	94
14) Allyl chloride	2.752	41	930	0.31 ug/l	#	56
16) Acetone	2.626	43	215749	164.31 ug/l	#	98
18) Methyl Acetate	2.755	43	2145	0.77 ug/l	#	55
25) 2-Butanone	4.719	43	1174	0.58 ug/l	#	99
31) Cyclohexane	5.378	56	3387	1.23 ug/l	#	38
36) 1,1-Dichloropropene	5.382	75	10917	4.79 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	13020	5.32 ug/l	#	16
51) 4-Methyl-2-Pentanone	7.906	43	1435	0.35 ug/l	#	1
76) 1,2,3-Trichloropropane	10.639	75	56652	20.01 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	56652	58.80 ug/l	#	7
95) Naphthalene	14.095	128	195	2.77 ug/l	#	69

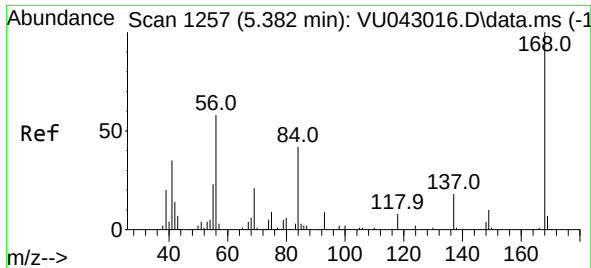
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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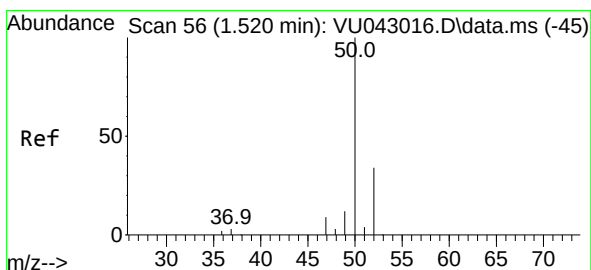
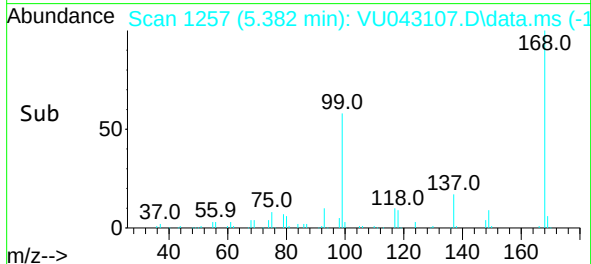
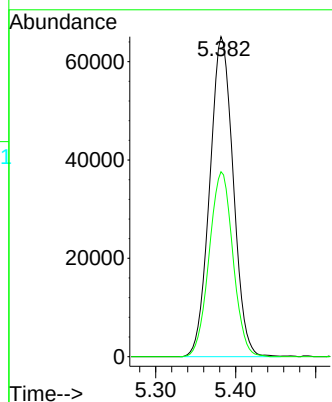
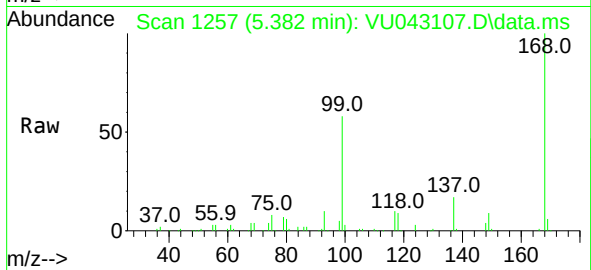




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

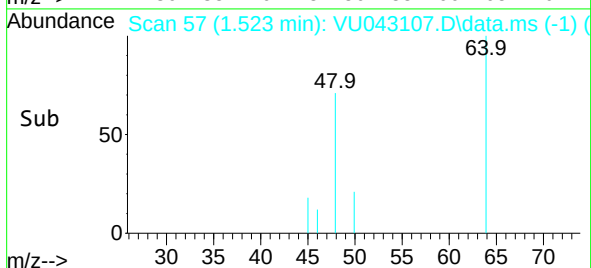
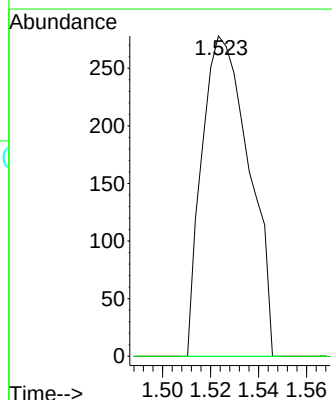
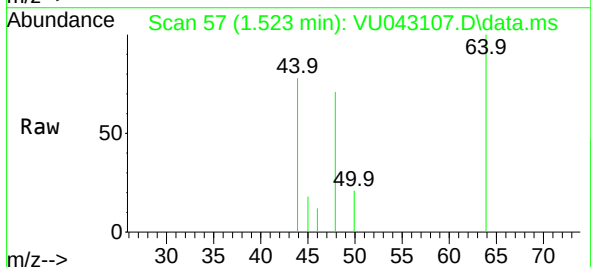
Instrument :
MSVOA_U
ClientSampleId :

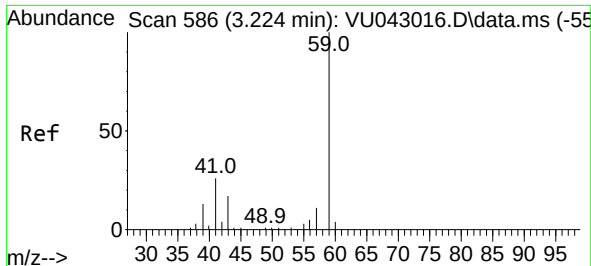
Tgt Ion:168 Resp: 132638
Ion Ratio Lower Upper
168 100
99 57.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

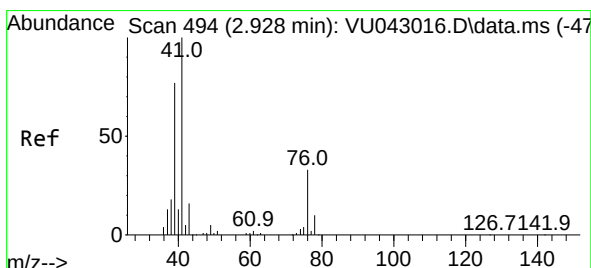
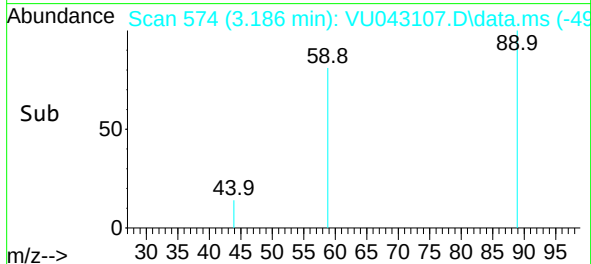
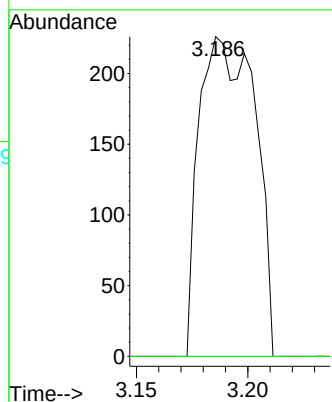
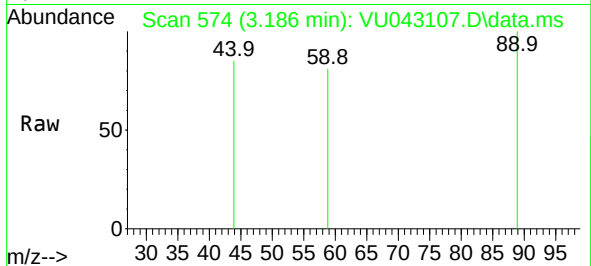




#11
Tert butyl alcohol
Concen: 0.69 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.038 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

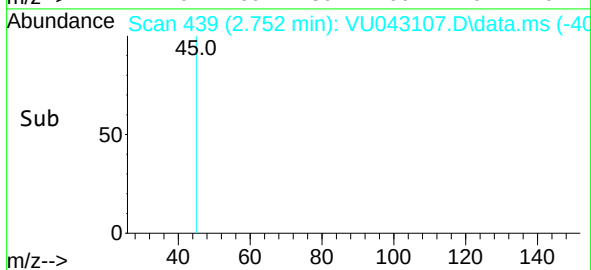
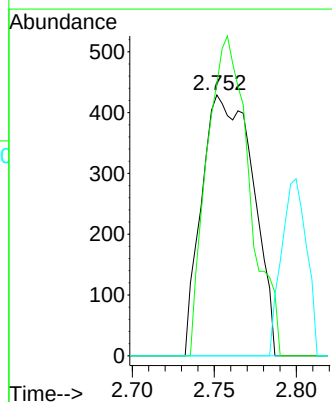
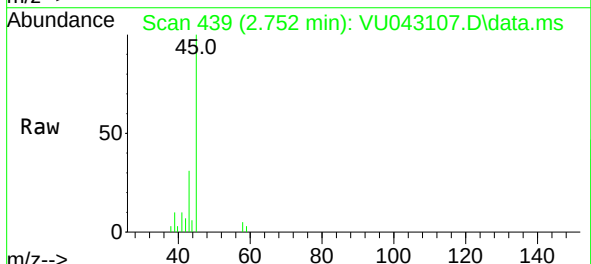
Instrument :
MSVOA_U
ClientSampled :

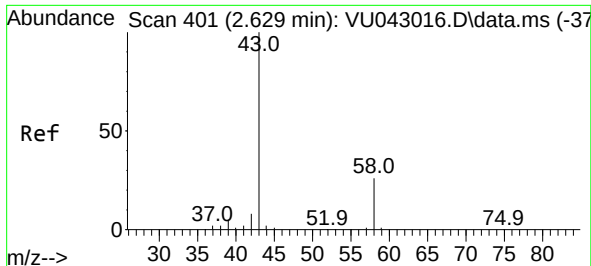
Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14
Allyl chloride
Concen: 0.31 ug/l
RT: 2.752 min Scan# 439
Delta R.T. -0.176 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

Tgt Ion: 41 Resp: 930
Ion Ratio Lower Upper
41 100
39 101.6 54.9 82.3#
76 0.0 22.5 33.7#

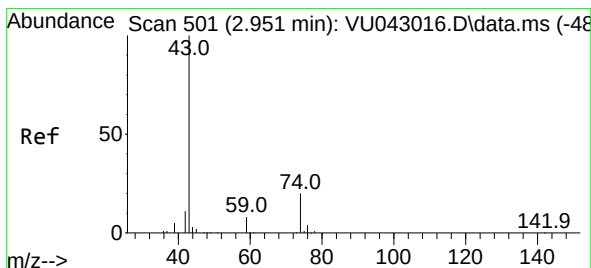
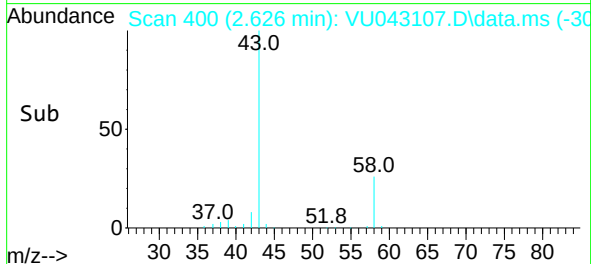
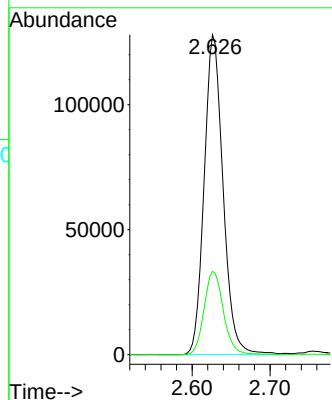
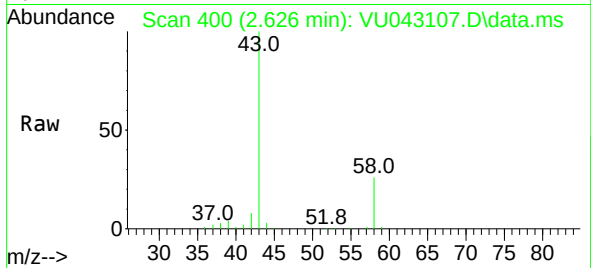




#16
Acetone
Concen: 164.31 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

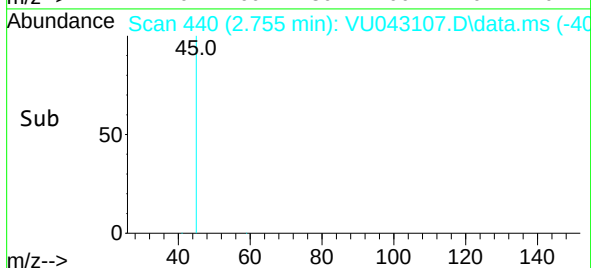
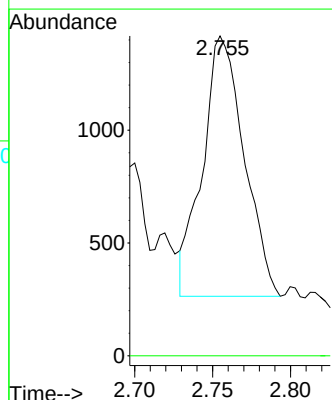
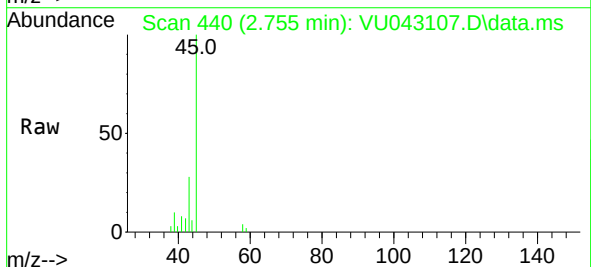
Instrument :
MSVOA_U
ClientSampled :

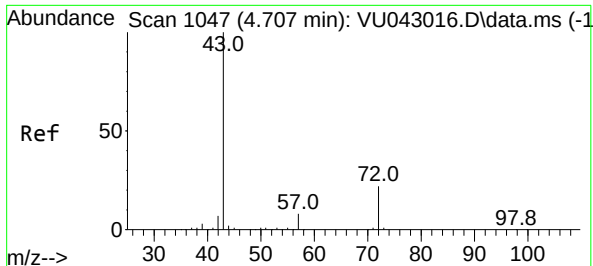
Tgt Ion: 43 Resp: 215749
Ion Ratio Lower Upper
43 100
58 26.0 21.5 32.3



#18
Methyl Acetate
Concen: 0.77 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.196 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

Tgt Ion: 43 Resp: 2145
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

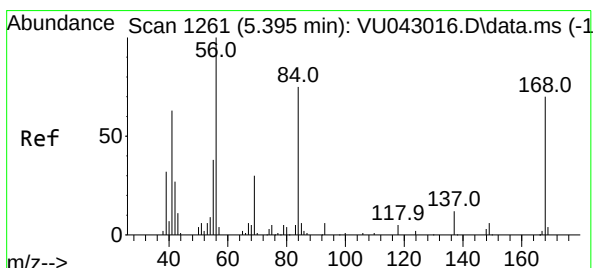
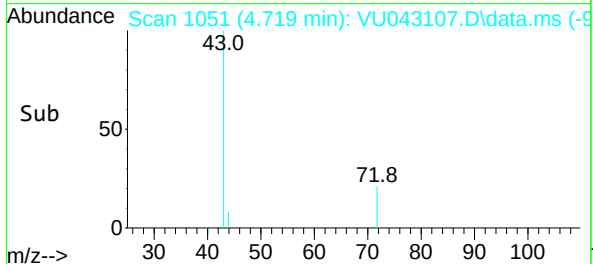
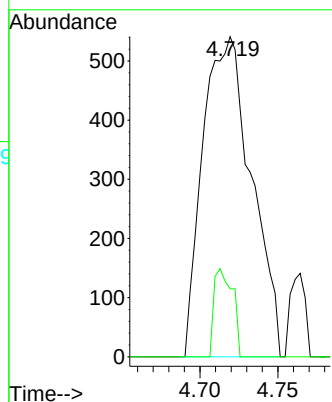
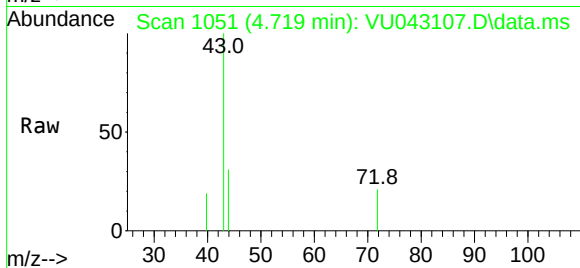




#25
2-Butanone
Concen: 0.58 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

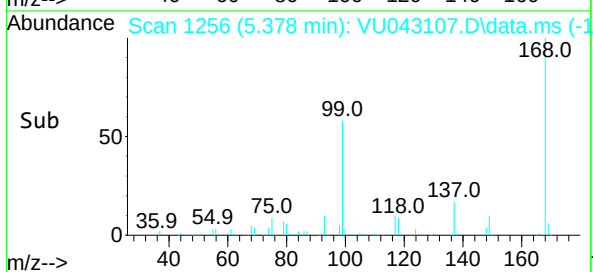
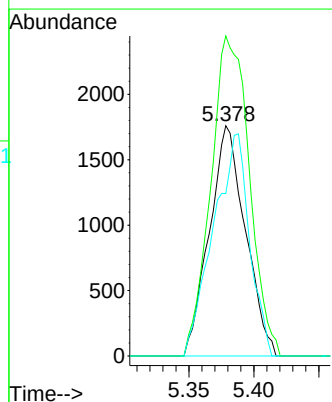
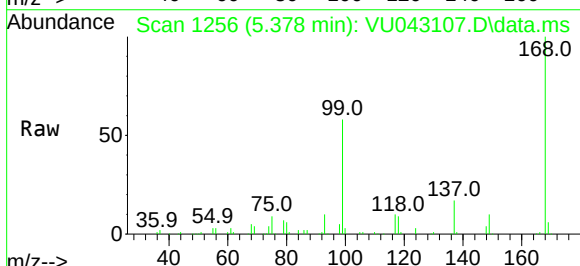
Instrument :
MSVOA_U
ClientSampled :

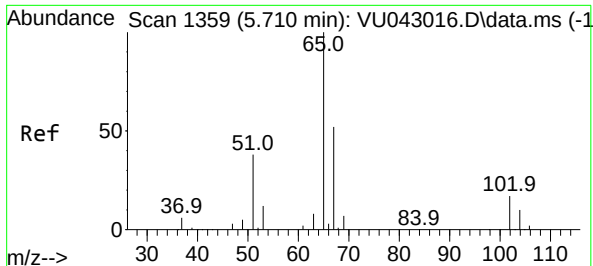
Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
72 21.3 17.4 26.0



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

Tgt Ion: 56 Resp: 3387
Ion Ratio Lower Upper
56 100
69 139.0 24.9 37.3#
84 70.5 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 48.35 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043107.D

Acq: 14 Apr 2021 20:08

Tgt Ion: 65 Resp: 107801

Ion Ratio Lower Upper

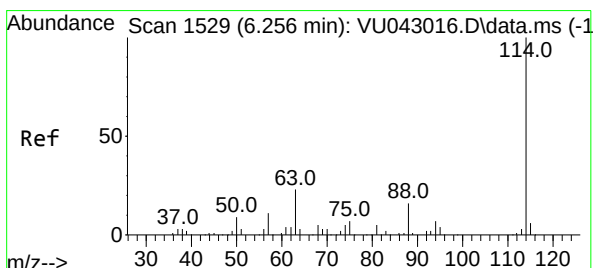
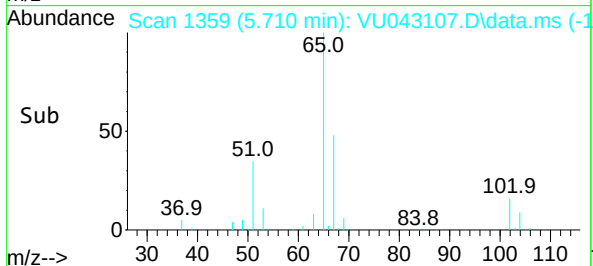
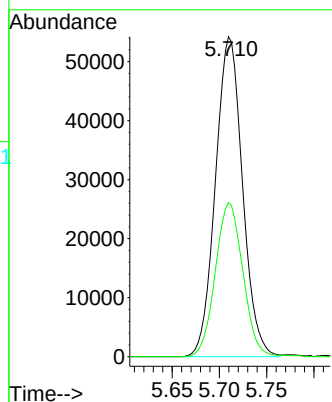
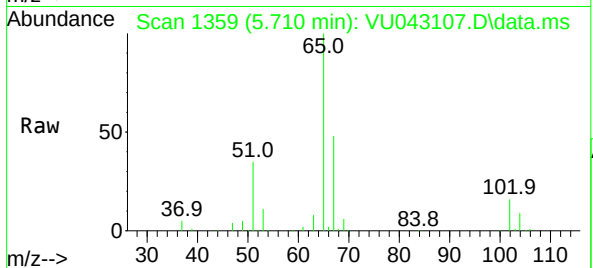
65 100

67 49.1 0.0 99.8

Instrument :

MSVOA_U

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043107.D

Acq: 14 Apr 2021 20:08

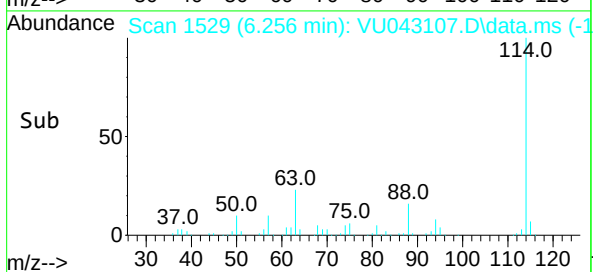
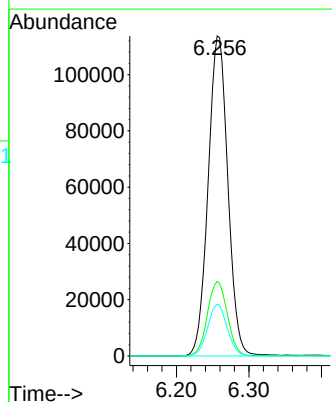
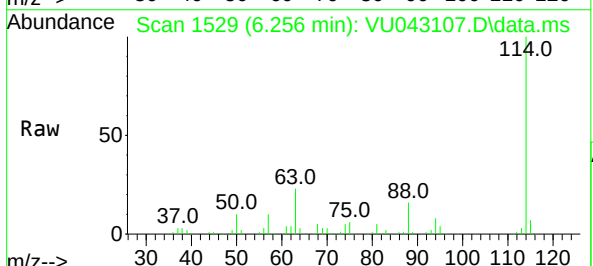
Tgt Ion: 114 Resp: 214980

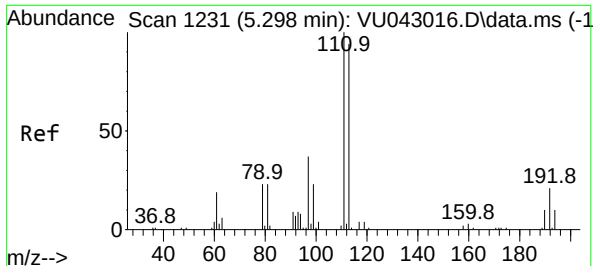
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.2

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.47 ug/l

RT: 5.298 min Scan# 1231

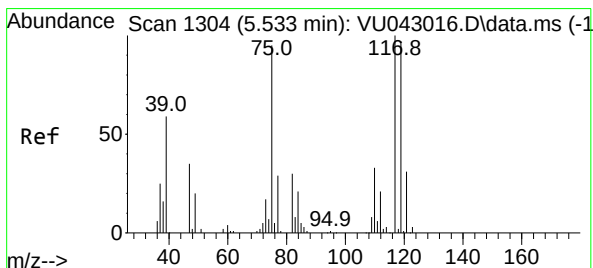
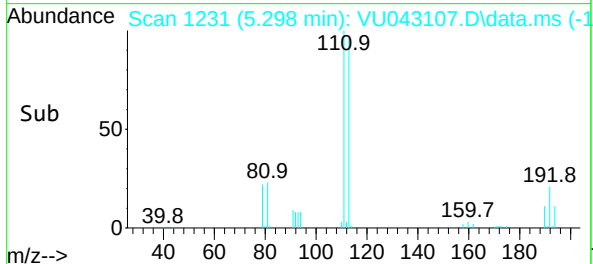
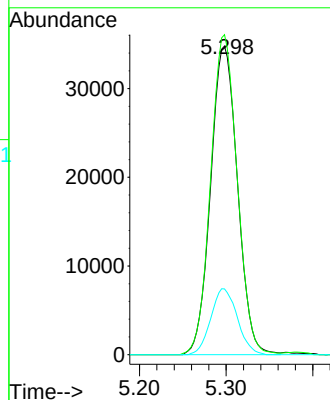
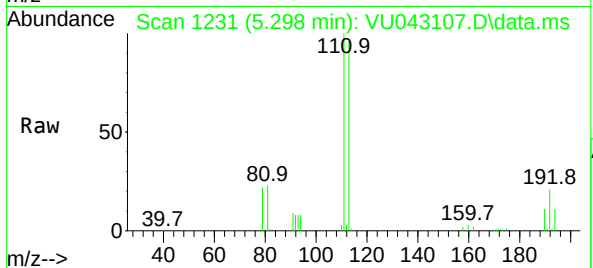
Delta R.T. 0.000 min

Lab File: VU043107.D

Acq: 14 Apr 2021 20:08

Tgt Ion:	113	Resp:	75074
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	21.1	17.2	25.8

Instrument :
MSVOA_U
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.79 ug/l

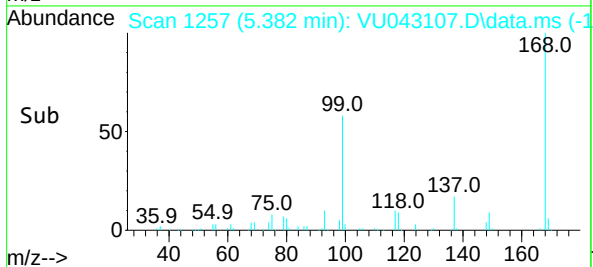
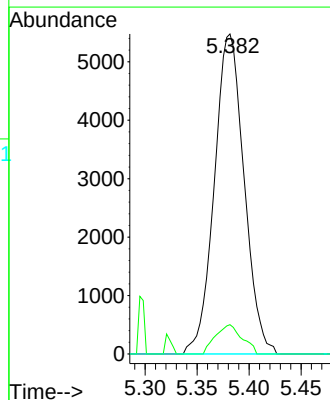
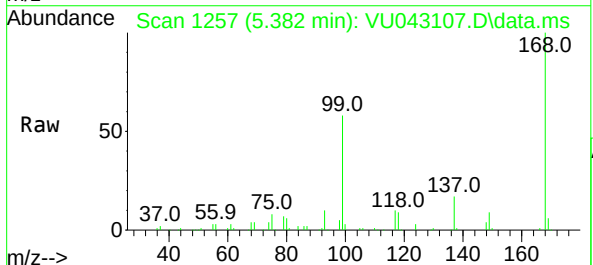
RT: 5.382 min Scan# 1257

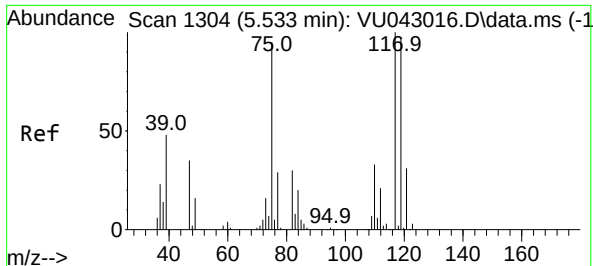
Delta R.T. -0.151 min

Lab File: VU043107.D

Acq: 14 Apr 2021 20:08

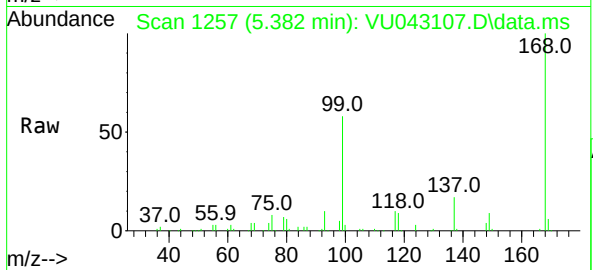
Tgt Ion:	75	Resp:	10917
Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.8	50.3#
77	0.0	24.8	37.2#



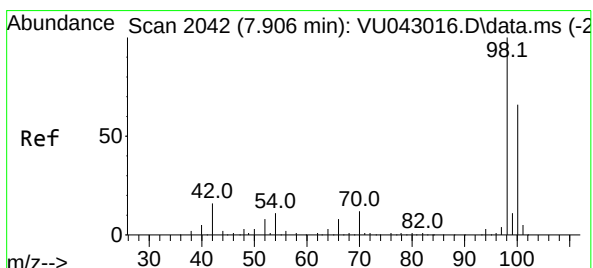
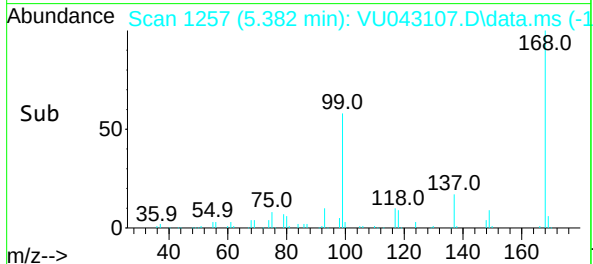
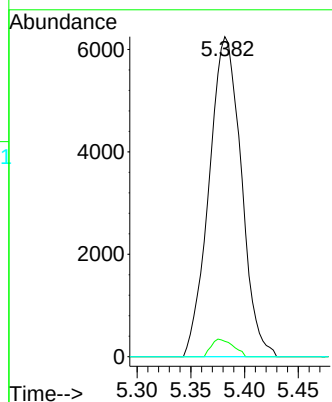


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

Instrument :
MSVOA_U
ClientSampleId :

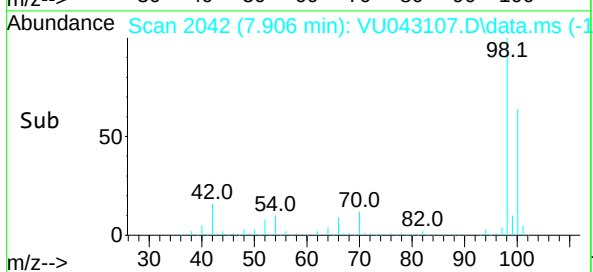
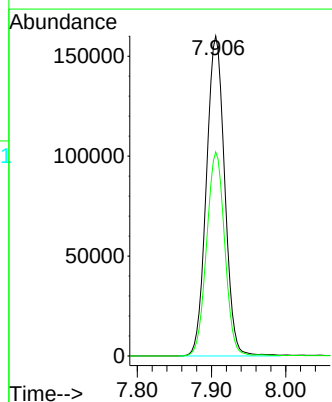
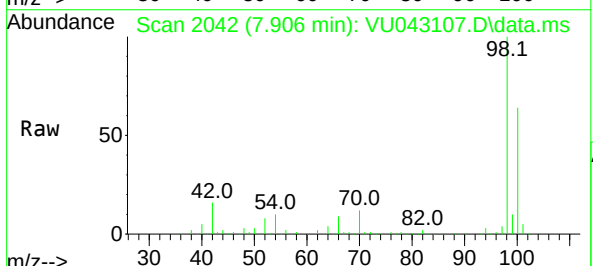


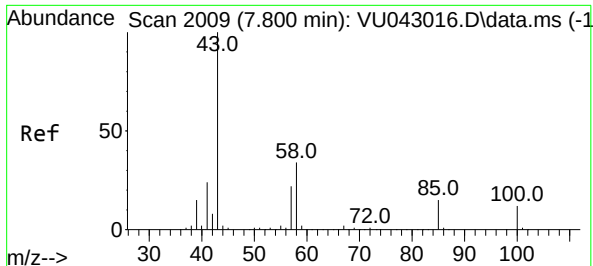
Tgt Ion:117 Resp: 13020
Ion Ratio Lower Upper
117 100
119 4.8 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.82 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

Tgt Ion: 98 Resp: 273356
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

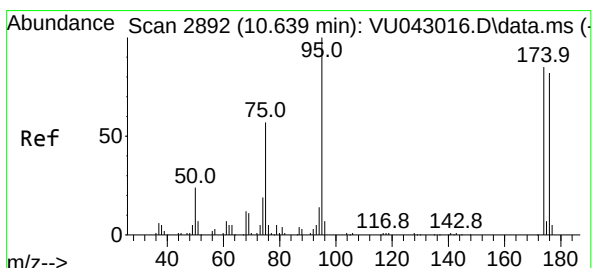
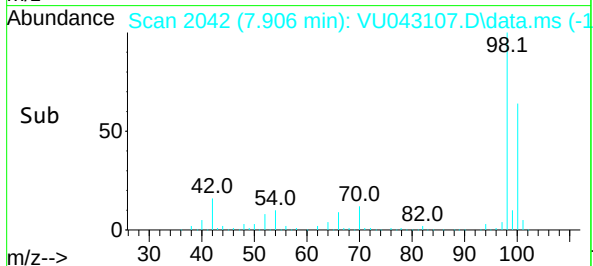
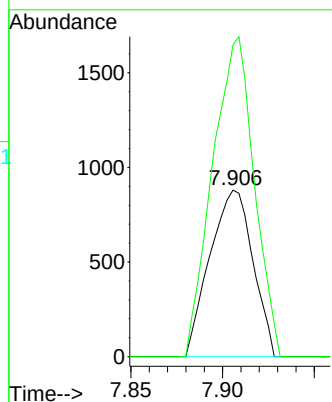
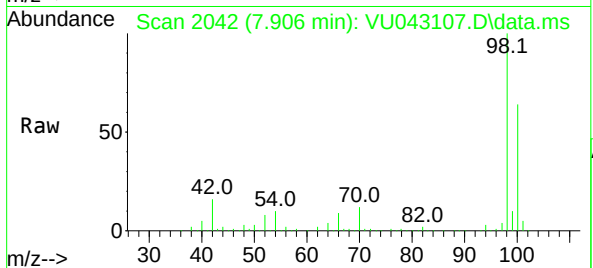




#51
4-Methyl-2-Pentanone
Concen: 0.35 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

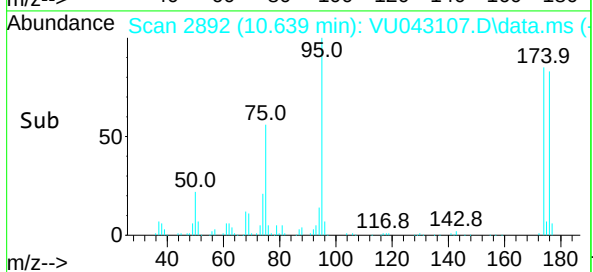
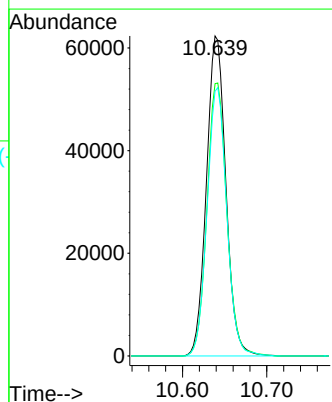
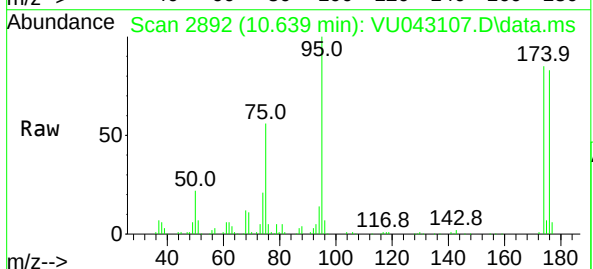
Instrument :
MSVOA_U
ClientSampled :

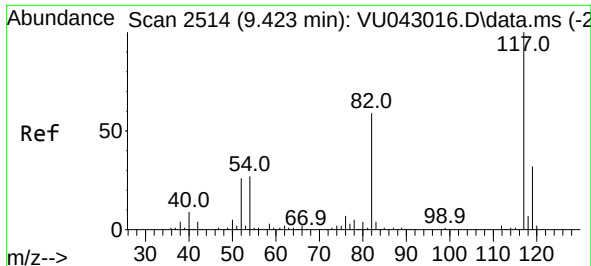
Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
58 186.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 43.75 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

Tgt Ion: 95 Resp: 100149
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 84.6 0.0 168.8

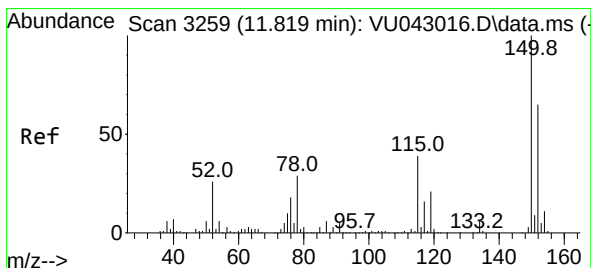
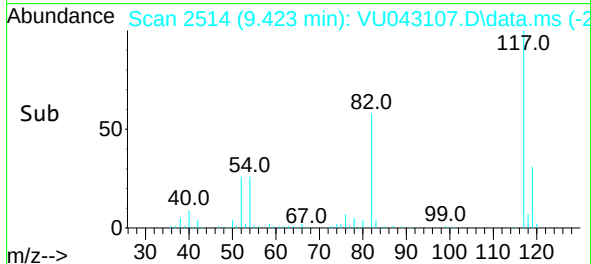
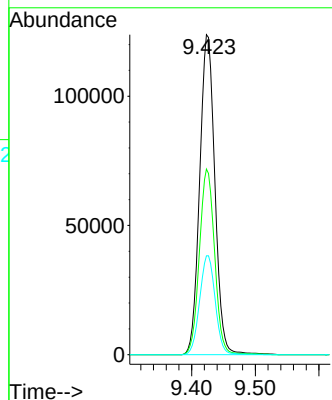
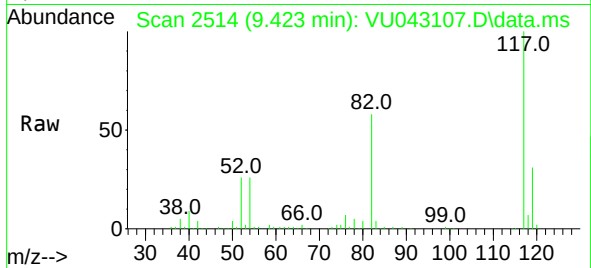




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

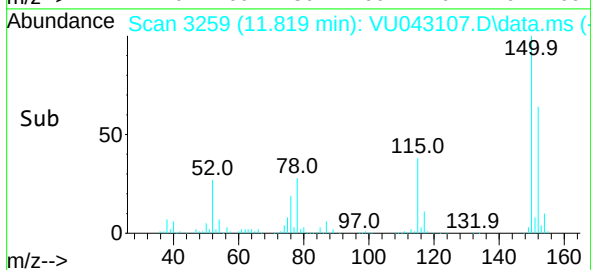
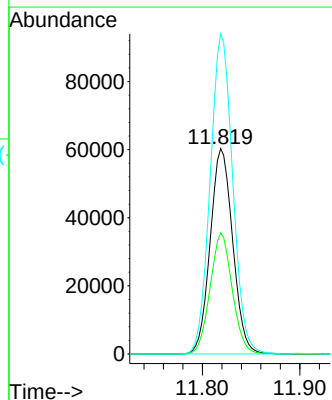
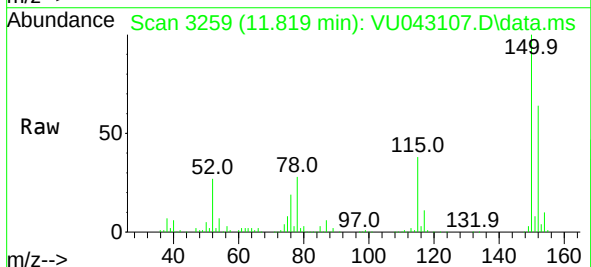
Instrument :
MSVOA_U
ClientSampleId :

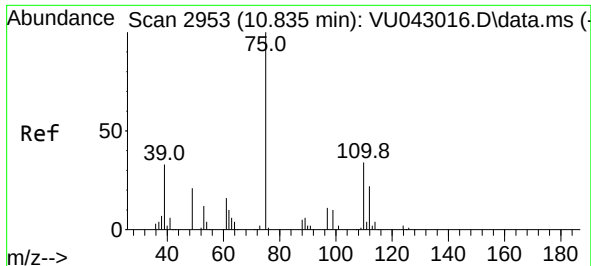
Tgt Ion:117 Resp: 205967
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 30.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

Tgt Ion:152 Resp: 96886
Ion Ratio Lower Upper
152 100
115 57.7 41.5 124.6
150 155.7 0.0 342.4

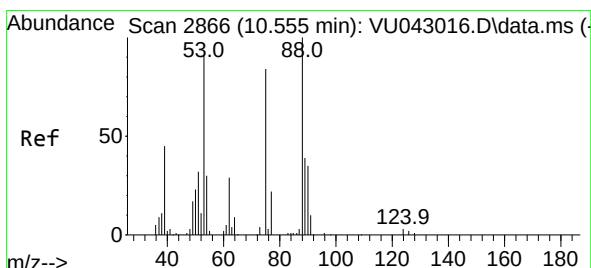
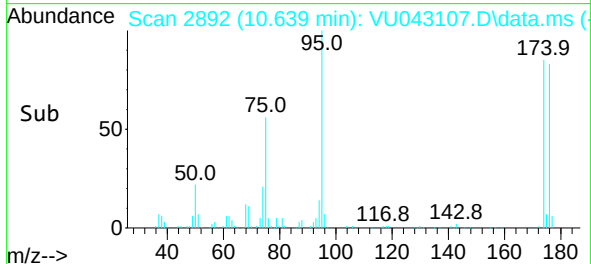
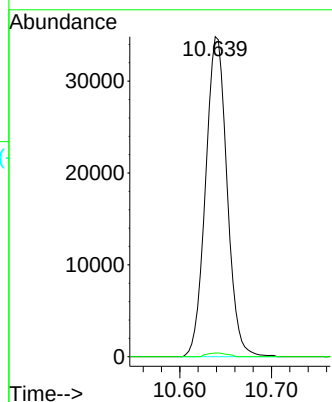
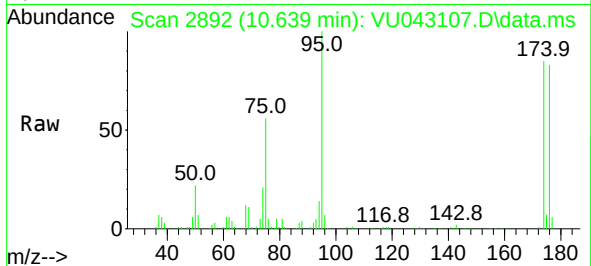




#76
1,2,3-Trichloropropane
Concen: 20.01 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

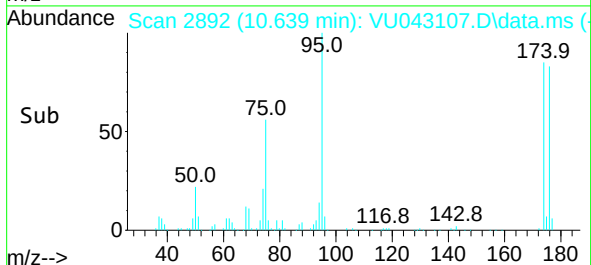
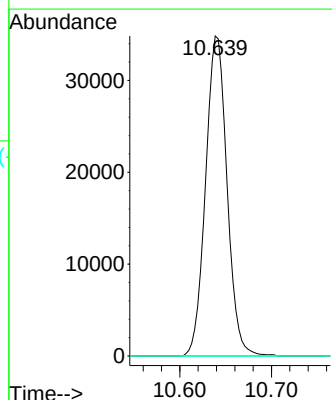
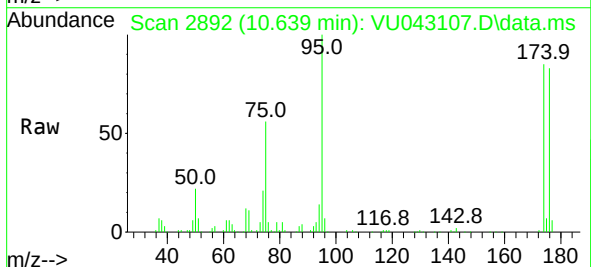
Instrument :
MSVOA_U
ClientSampled :

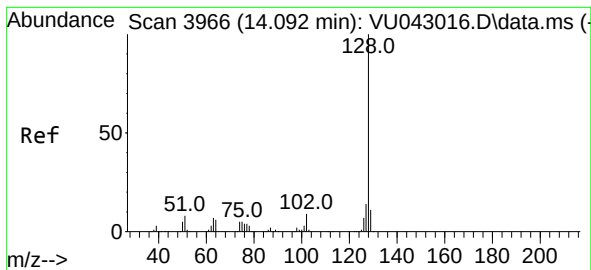
Tgt Ion: 75 Resp: 56652
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.80 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

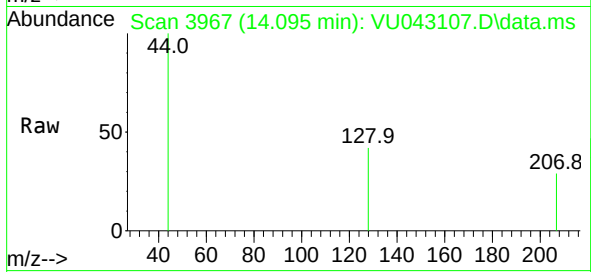
Tgt Ion: 75 Resp: 56652
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.77 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043107.D
Acq: 14 Apr 2021 20:08

Instrument :
MSVOA_U
ClientSampleId :



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

