

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045381.D
 Acq On : 25 Oct 2021 13:52
 Operator : SY/MD
 Sample : M4290-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 04:42:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

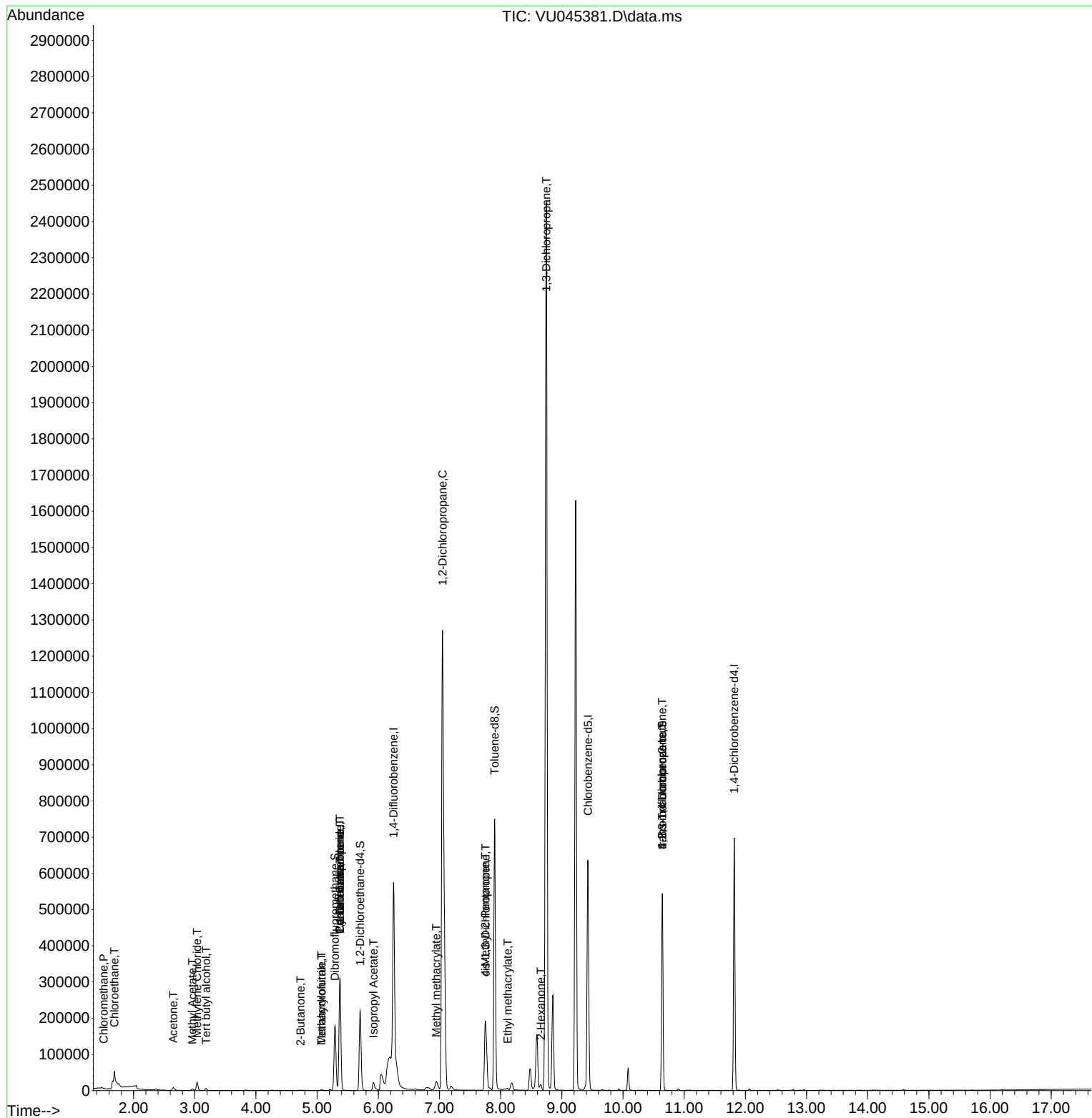
Internal Standards						
1) Pentafluorobenzene	5.372	168	213636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	408458	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	381762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	169813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	172356	48.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.940%		
35) Dibromofluoromethane	5.292	113	125516	48.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.420%		
50) Toluene-d8	7.903	98	512074	50.297	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.600%		
62) 4-Bromofluorobenzene	10.642	95	189570	45.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.514	50	851	0.248	ug/l #	74
6) Chloroethane	1.687	64	95338	36.271	ug/l #	51
11) Tert butyl alcohol	3.186	59	3474	3.404	ug/l #	72
16) Acetone	2.649	43	13211	6.258	ug/l	99
18) Methyl Acetate	2.961	43	7055	1.144	ug/l	99
20) Methylene Chloride	3.038	84	11812	3.715	ug/l	93
25) 2-Butanone	4.732	43	2935	0.979	ug/l	97
29) Tetrahydrofuran	5.073	42	1770	0.991	ug/l #	89
31) Cyclohexane	5.372	56	5267	0.975	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	20533	4.807	ug/l #	49
38) Carbon Tetrachloride	5.372	117	22446	6.073	ug/l #	15
41) Methacrylonitrile	5.073	41	1143	0.393	ug/l #	38
43) Isopropyl Acetate	5.922	43	31732	3.732	ug/l	99
45) 1,2-Dichloropropane	7.051	63	2050	0.608	ug/l #	45
48) Methyl methacrylate	6.948	41	9463	2.286	ug/l #	14
49) 1,4-Dioxane	7.028	88	20	Below Cal	#	20
51) 4-Methyl-2-Pentanone	7.748	43	107236	17.324	ug/l #	45
54) cis-1,3-Dichloropropene	7.751	75	53571	10.194	ug/l #	57
56) Ethyl methacrylate	8.115	69	5589	2.657	ug/l #	59
57) 1,3-Dichloropropane	8.745	76	32766	5.534	ug/l #	43
59) 2-Hexanone	8.655	43	16793	3.331	ug/l #	23
76) 1,2,3-Trichloropropane	10.642	75	99243	20.036	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.642	75	99243	55.604	ug/l #	9

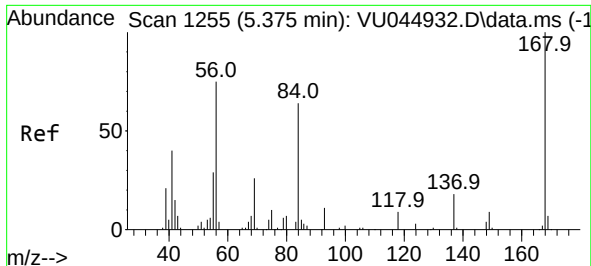
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
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Acq On : 25 Oct 2021 13:52
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Misc : 5.0mL/MSVOA_U/WATER
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MSVOA_U
ClientSampleId :

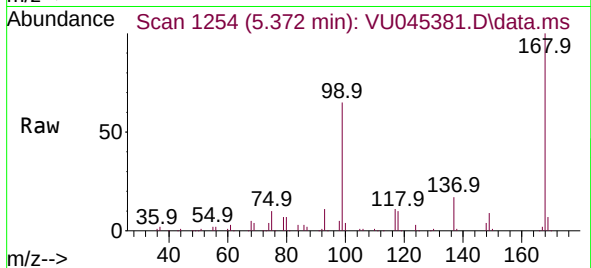
Quant Time: Oct 26 04:42:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
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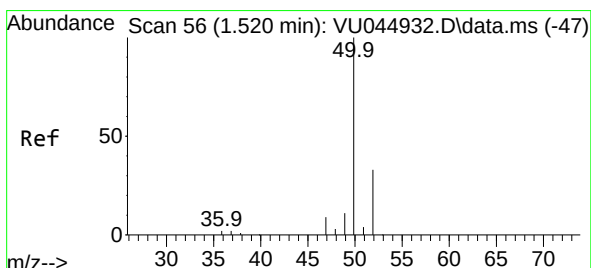
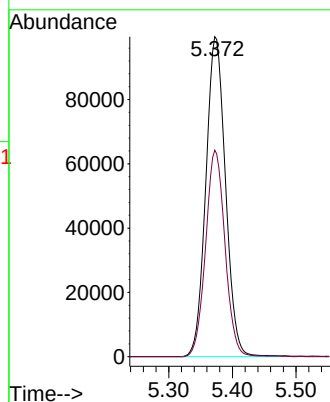
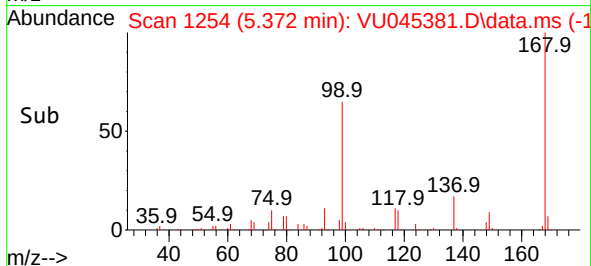


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.003 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

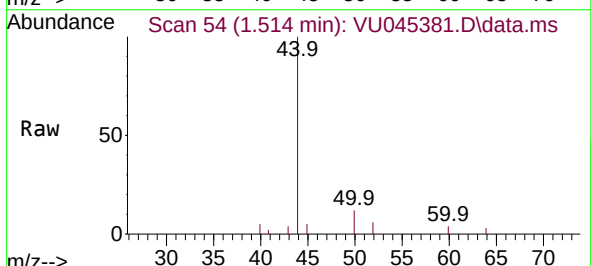
Instrument :
MSVOA_U
ClientSampled :



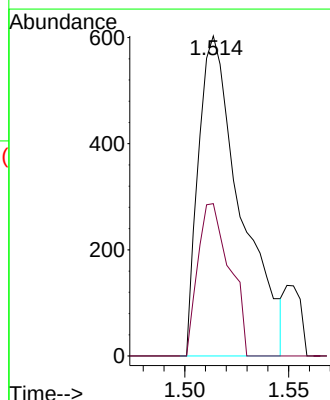
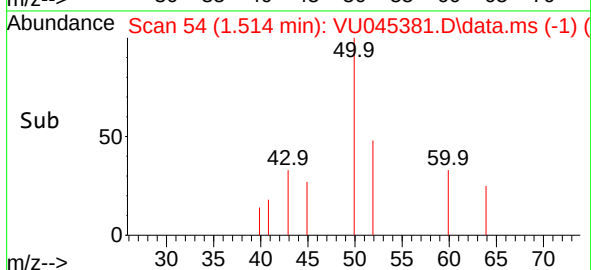
Tgt Ion:168 Resp: 213636
Ion Ratio Lower Upper
168 100
99 64.5 51.4 77.0

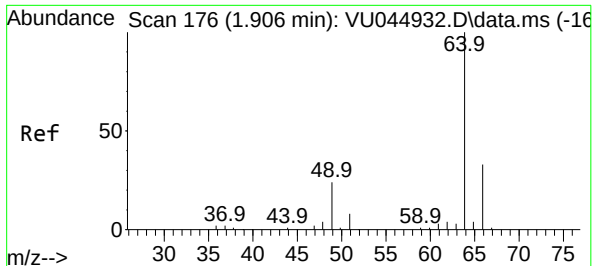


#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.514 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52



Tgt Ion: 50 Resp: 851
Ion Ratio Lower Upper
50 100
52 47.6 26.3 39.5#

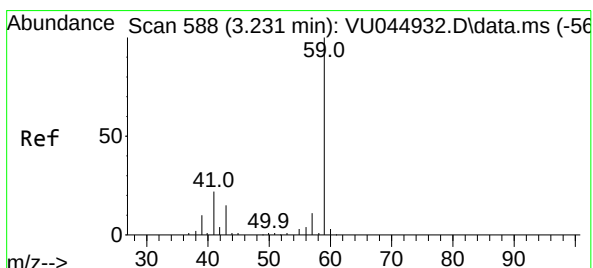
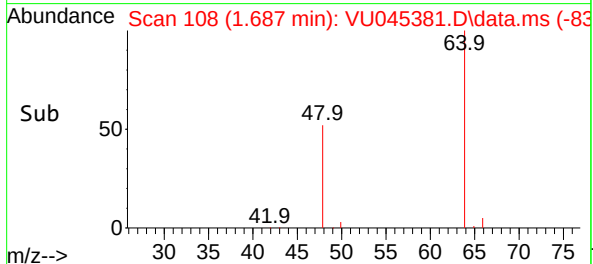
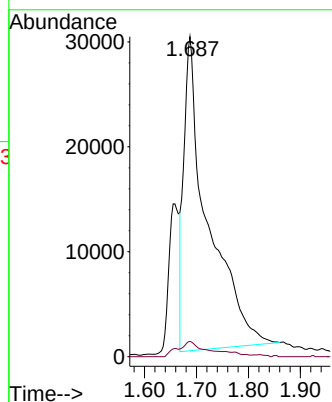
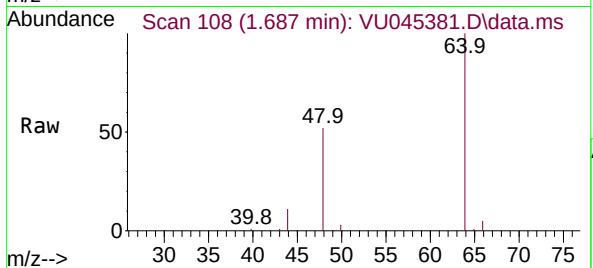




#6
Chloroethane
Concen: 36.271 ug/l
RT: 1.687 min Scan# 108
Delta R.T. -0.219 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

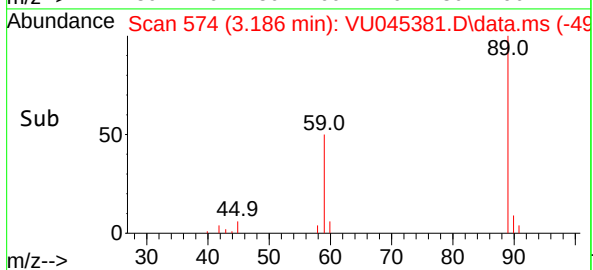
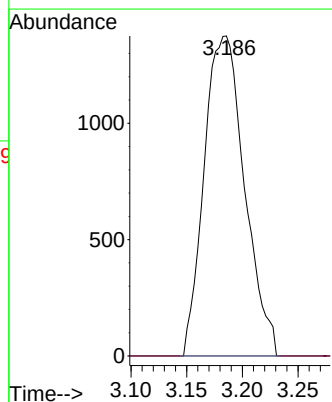
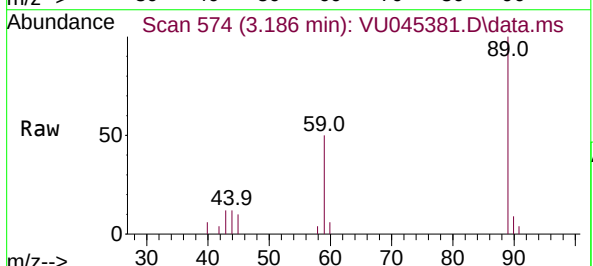
Instrument :
MSVOA_U
ClientSampleId :

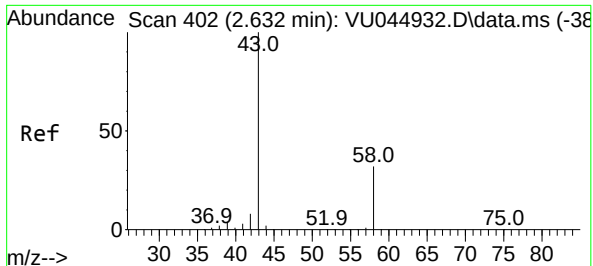
Tgt Ion: 64 Resp: 95338
Ion Ratio Lower Upper
64 100
66 5.0 25.8 38.8#



#11
Tert butyl alcohol
Concen: 3.404 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.045 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Tgt Ion: 59 Resp: 3474
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

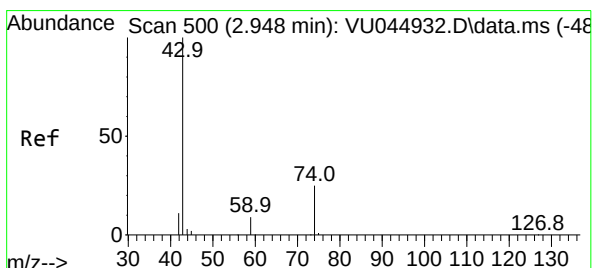
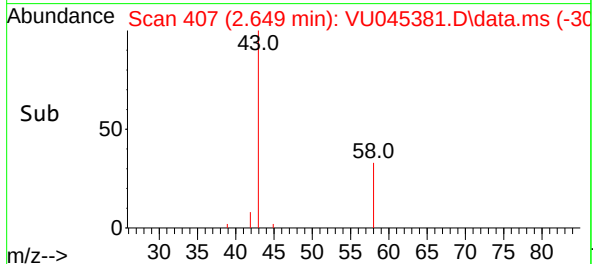
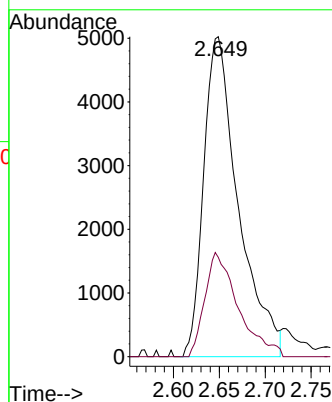
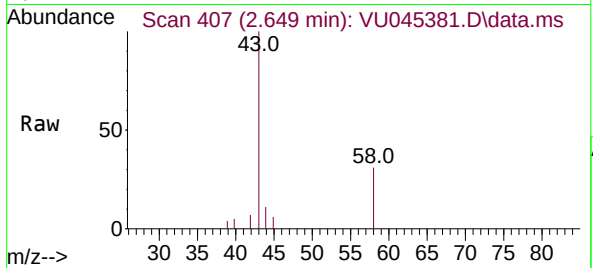




#16
Acetone
Concen: 6.258 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.017 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

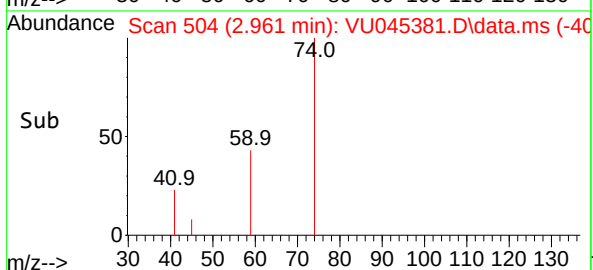
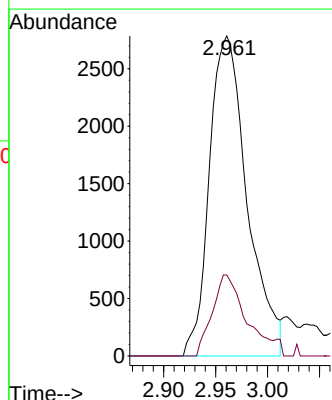
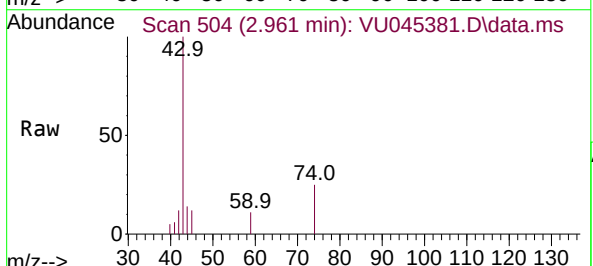
Instrument :
MSVOA_U
ClientSampled :

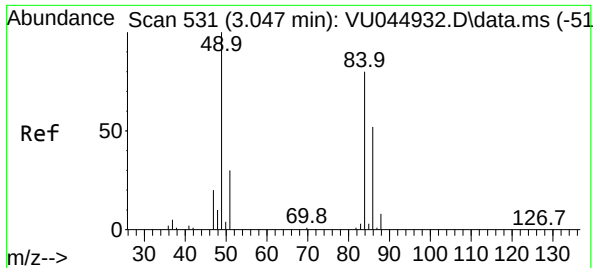
Tgt Ion: 43 Resp: 13211
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8



#18
Methyl Acetate
Concen: 1.144 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Tgt Ion: 43 Resp: 7055
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.6



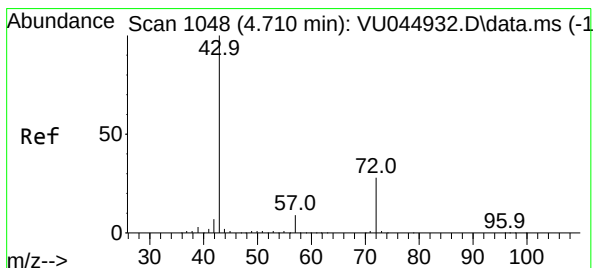
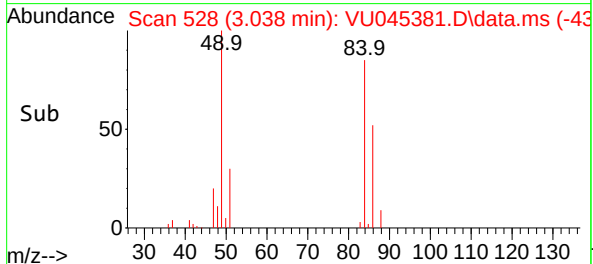
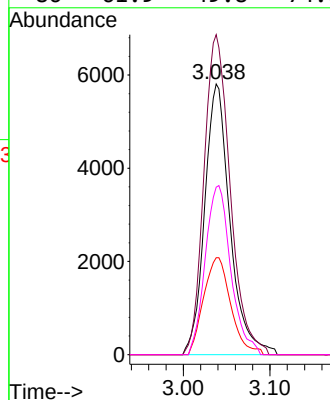
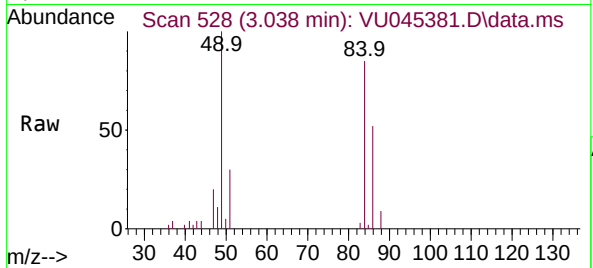


#20
Methylene Chloride
Concen: 3.715 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.009 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 11812

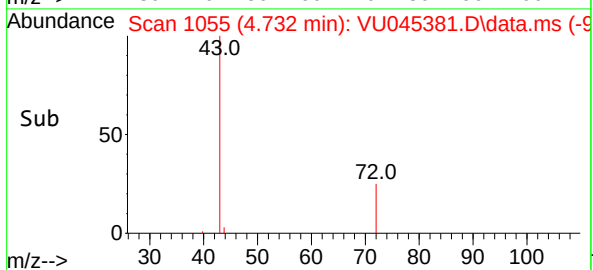
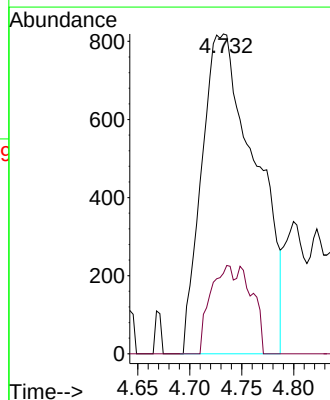
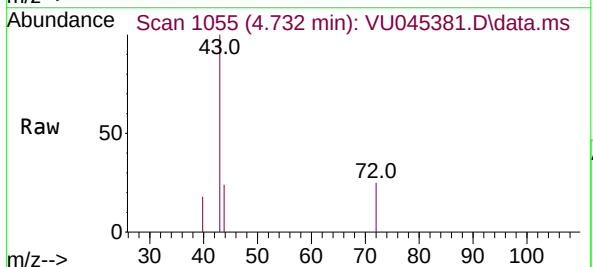
Ion	Ratio	Lower	Upper
84	100		
49	118.2	104.9	157.3
51	35.8	31.8	47.8
86	61.9	49.8	74.6

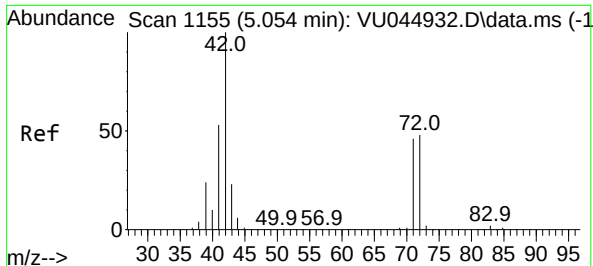


#25
2-Butanone
Concen: 0.979 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.022 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Tgt Ion: 43 Resp: 2935

Ion	Ratio	Lower	Upper
43	100		
72	25.2	21.3	31.9





#29

Tetrahydrofuran

Concen: 0.991 ug/l

RT: 5.073 min Scan# 1161

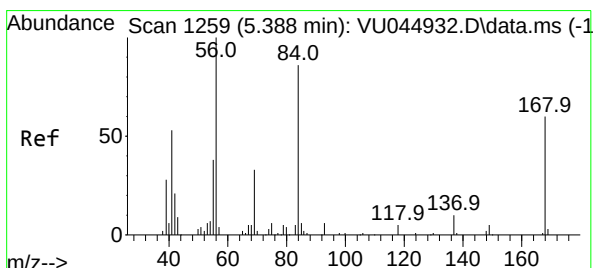
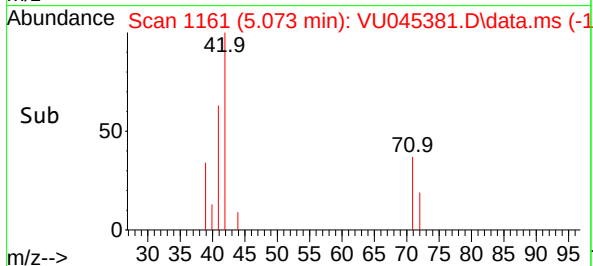
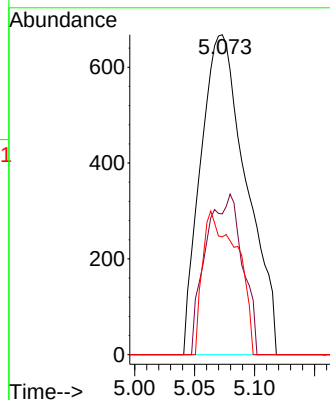
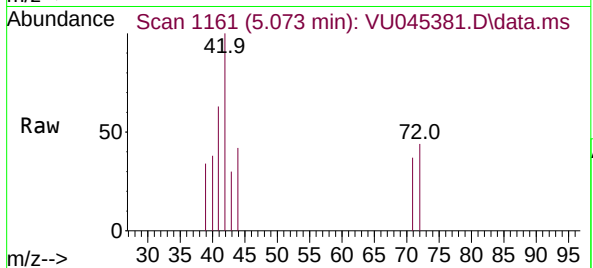
Delta R.T. 0.019 min

Lab File: VU045381.D

Acq: 25 Oct 2021 13:52

Tgt Ion:	42	Resp:	1770
Ion	Ratio	Lower	Upper
42	100		
72	40.3	36.2	54.4
71	33.6	34.1	51.1#

Instrument :
MSVOA_U
ClientSampled :



#31

Cyclohexane

Concen: 0.975 ug/l

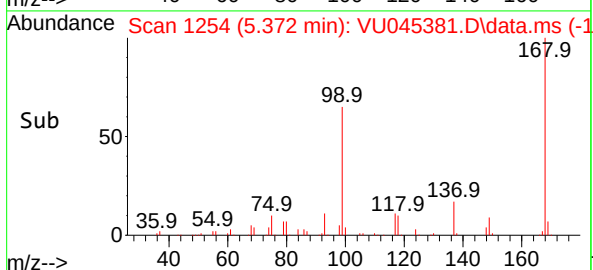
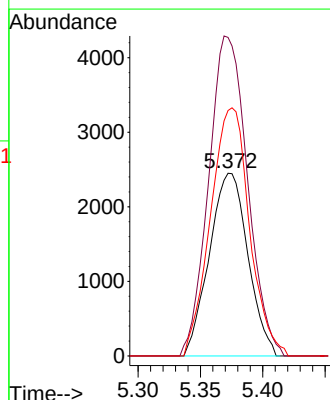
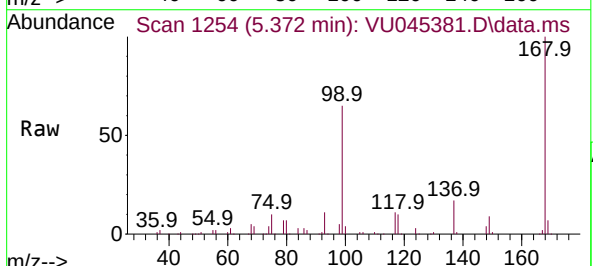
RT: 5.372 min Scan# 1254

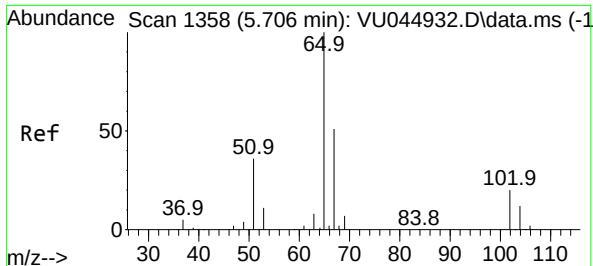
Delta R.T. -0.016 min

Lab File: VU045381.D

Acq: 25 Oct 2021 13:52

Tgt Ion:	56	Resp:	5267
Ion	Ratio	Lower	Upper
56	100		
69	174.3	25.2	37.8#
84	134.3	66.4	99.6#



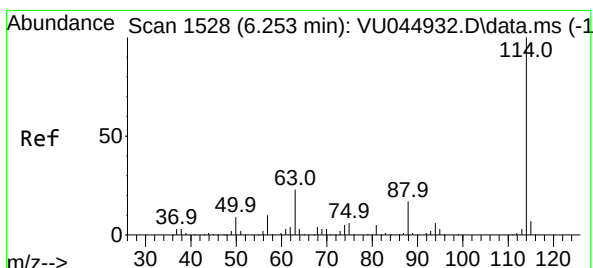
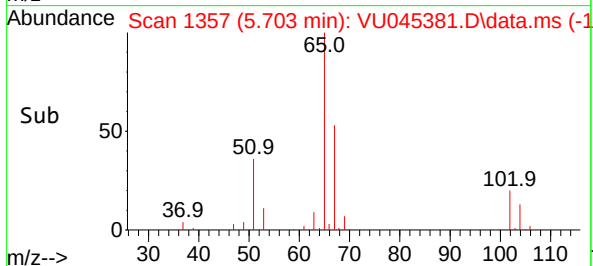
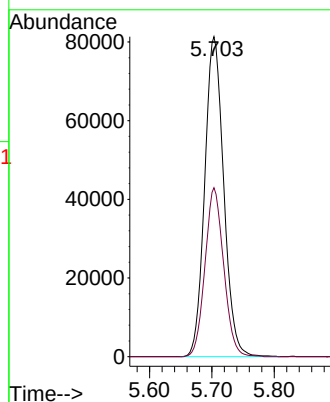
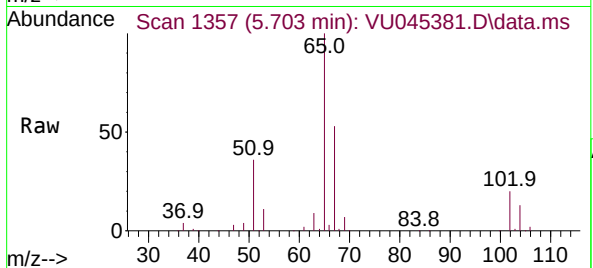


#33

1,2-Dichloroethane-d4
Concen: 48.466 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Instrument :
MSVOA_U
ClientSampled :

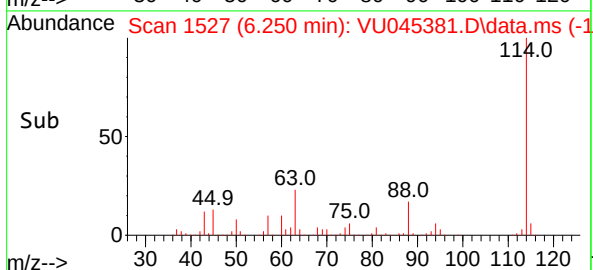
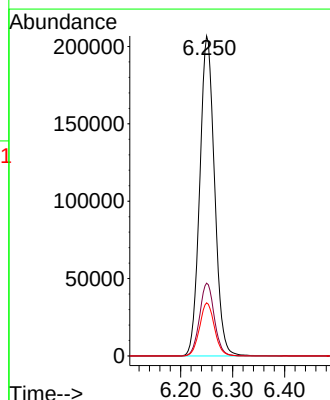
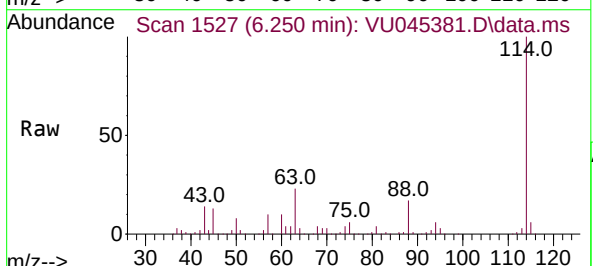
Tgt Ion: 65 Resp: 172356
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

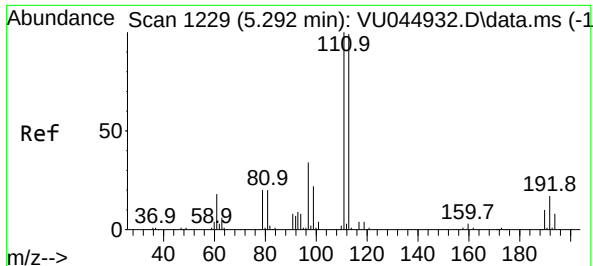


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Tgt Ion: 114 Resp: 408458
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.8
88 16.6 0.0 32.8



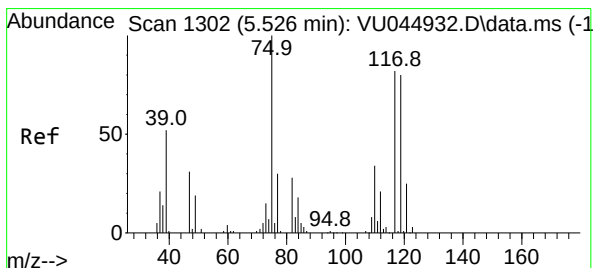
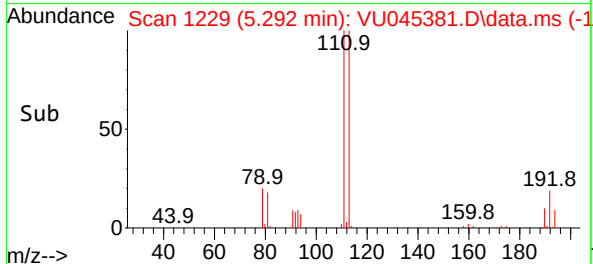
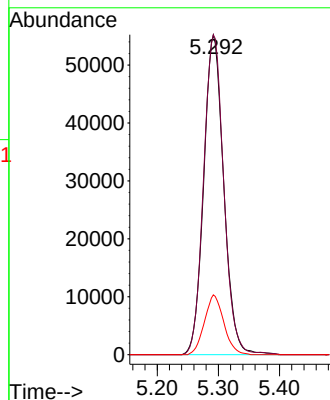
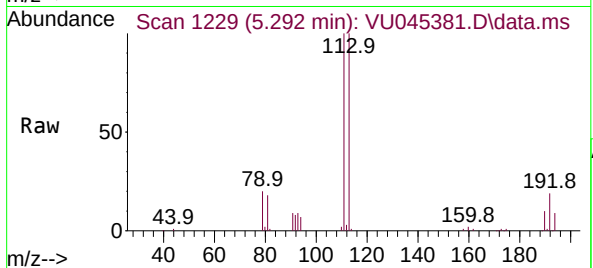


#35

Dibromofluoromethane
Concen: 48.712 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Instrument :
MSVOA_U
ClientSampleId :

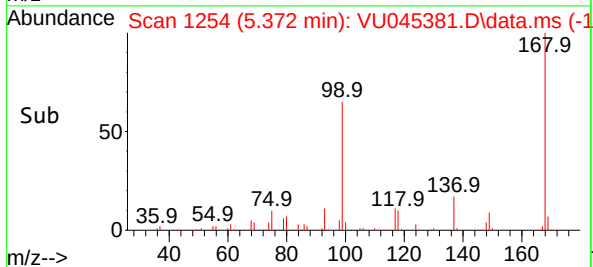
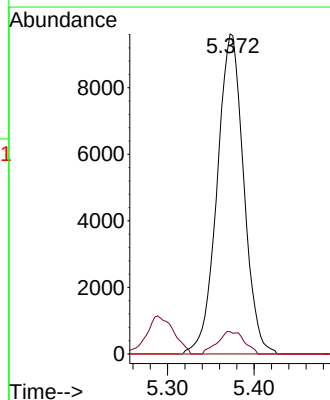
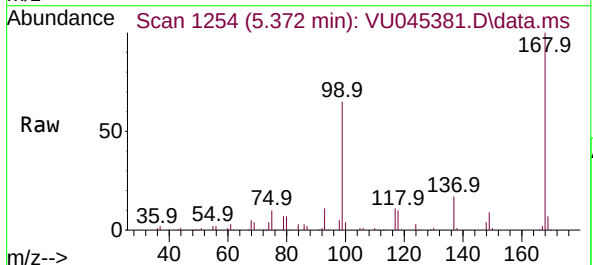
Tgt Ion:113 Resp: 125516
Ion Ratio Lower Upper
113 100
111 100.4 84.1 126.1
192 18.1 14.8 22.2

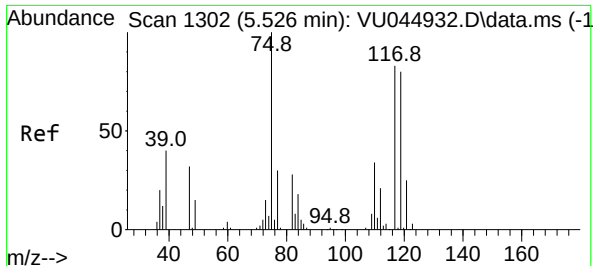


#36

1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

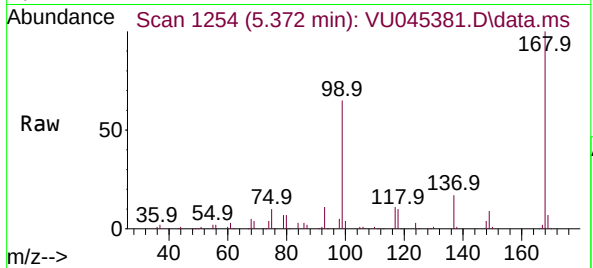
Tgt Ion: 75 Resp: 20533
Ion Ratio Lower Upper
75 100
110 7.0 16.3 48.9#
77 0.0 25.0 37.4#



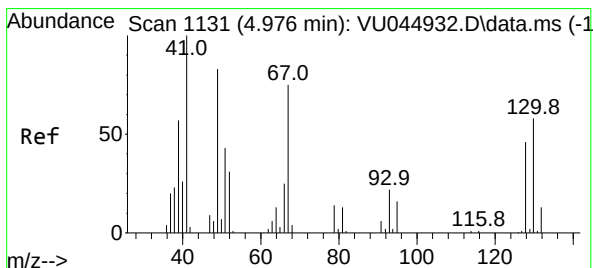
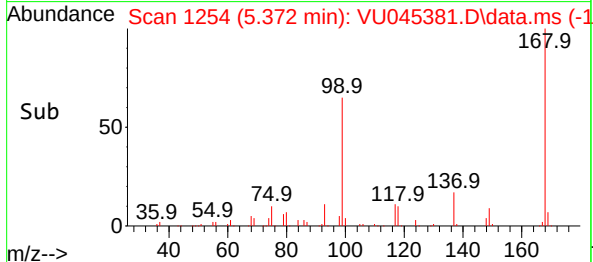
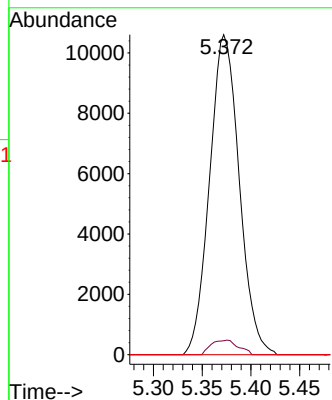


#38
Carbon Tetrachloride
Concen: 6.073 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Instrument :
MSVOA_U
ClientSampleId :

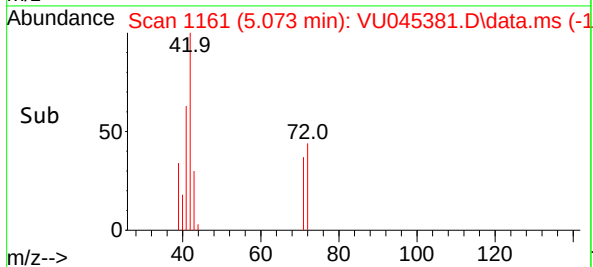
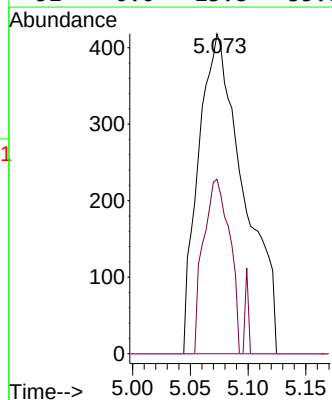
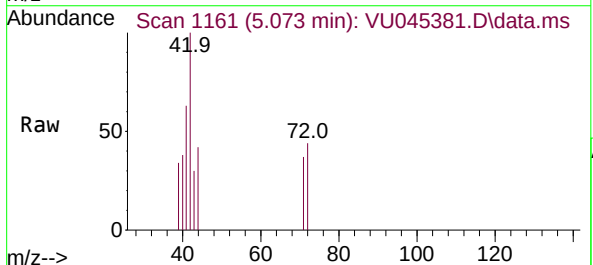


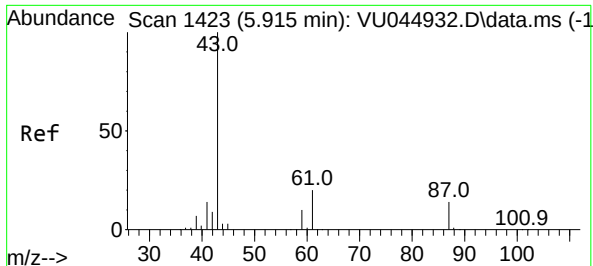
Tgt Ion:117 Resp: 22446
Ion Ratio Lower Upper
117 100
119 4.3 77.4 116.2#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 0.393 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.097 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Tgt Ion: 41 Resp: 1143
Ion Ratio Lower Upper
41 100
39 31.4 44.4 66.6#
67 0.0 58.1 87.1#
52 0.0 23.8 35.8#

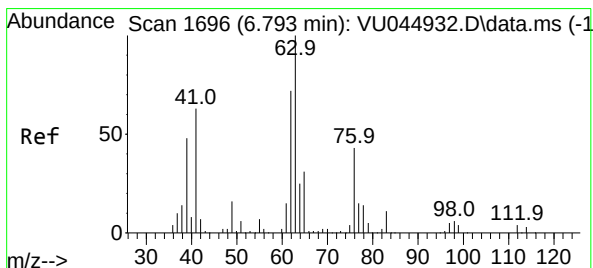
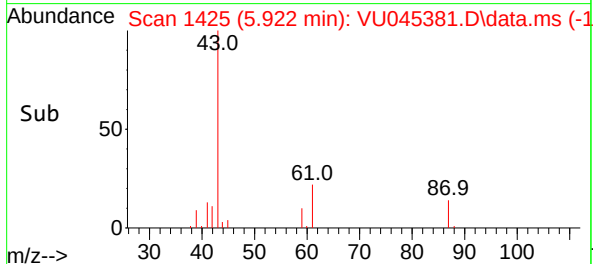
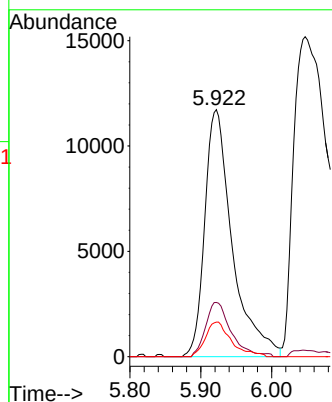
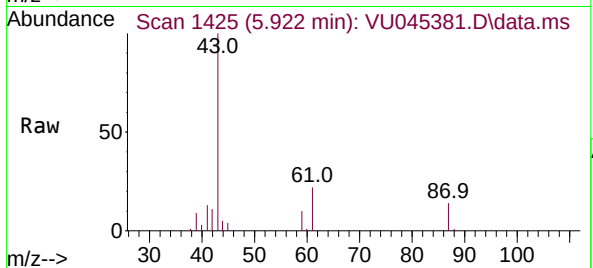




#43
Isopropyl Acetate
Concen: 3.732 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.007 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

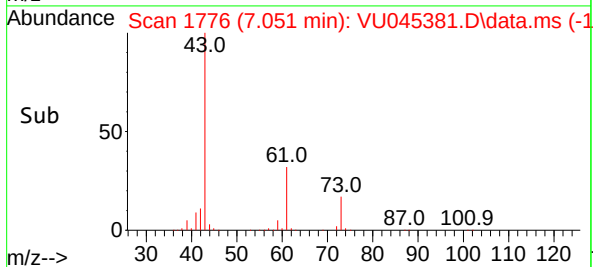
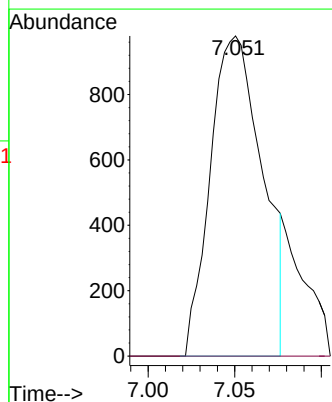
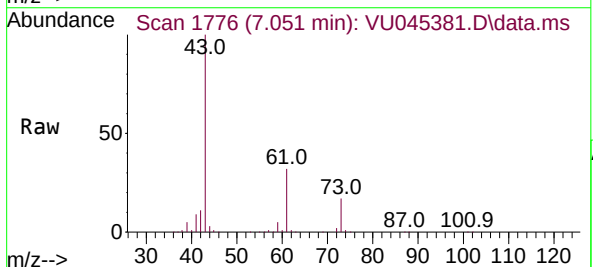
Instrument :
MSVOA_U
ClientSampled :

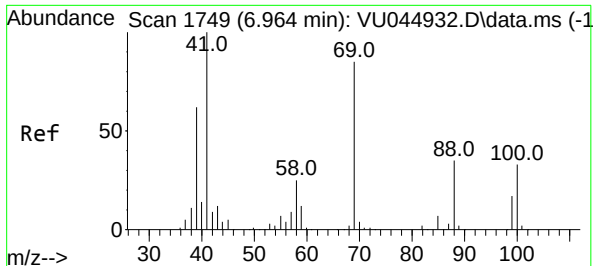
Tgt Ion: 43	Resp: 31732
Ion Ratio	Lower Upper
43	100
61	20.3 16.1 24.1
87	13.1 10.3 15.5



#45
1,2-Dichloropropane
Concen: 0.608 ug/l
RT: 7.051 min Scan# 1776
Delta R.T. 0.258 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Tgt Ion: 63	Resp: 2050
Ion Ratio	Lower Upper
63	100
65	0.0 23.9 35.9#



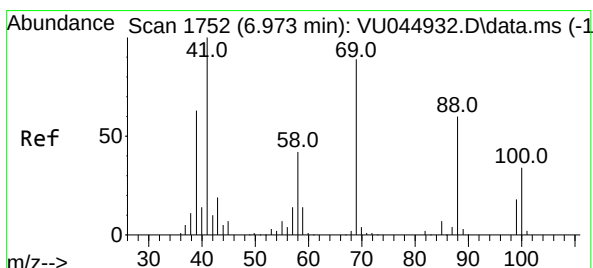
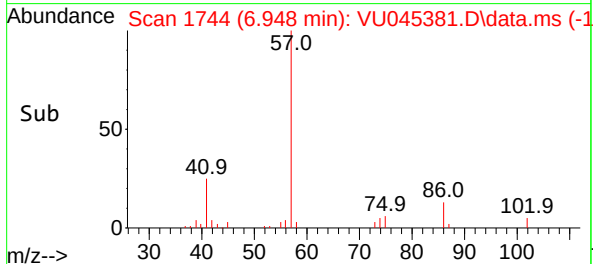
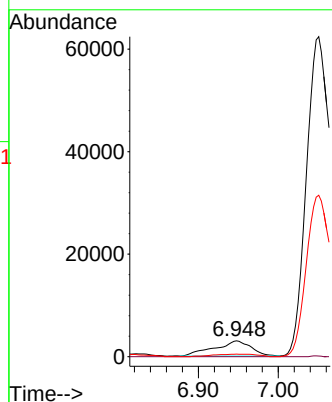
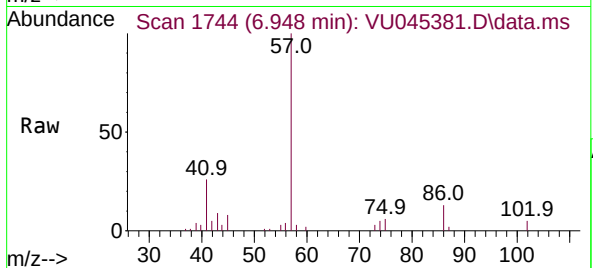


#48

Methyl methacrylate
 Concen: 2.286 ug/l
 RT: 6.948 min Scan# 1744
 Delta R.T. -0.016 min
 Lab File: VU045381.D
 Acq: 25 Oct 2021 13:52

Instrument :
 MSVOA_U
 ClientSampled :

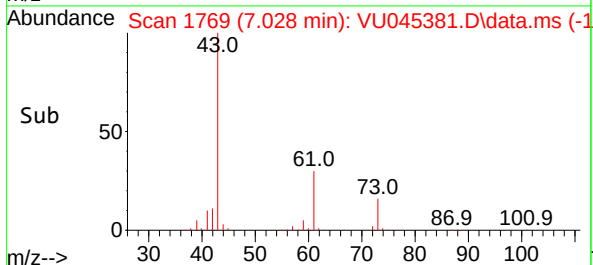
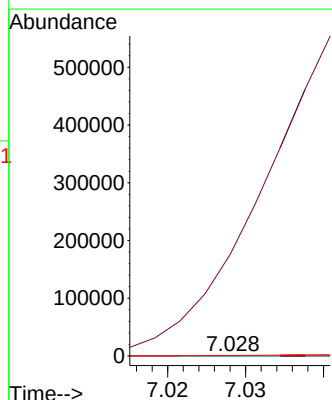
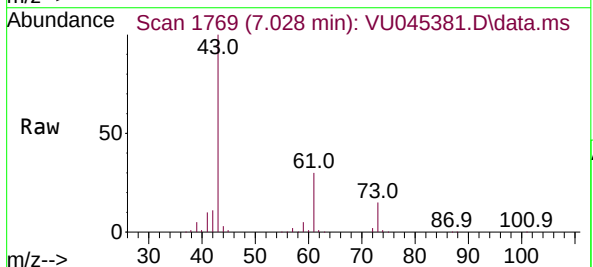
Tgt Ion: 41 Resp: 9463
 Ion Ratio Lower Upper
 41 100
 69 0.0 65.6 98.4#
 39 0.0 46.2 69.4#

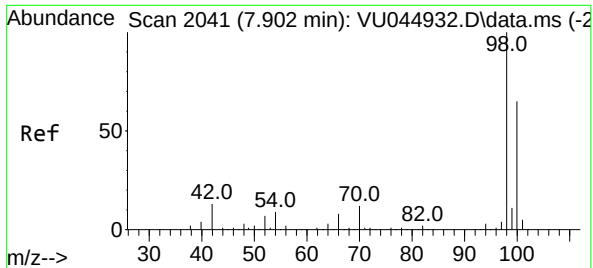


#49

1,4-Dioxane
 Concen: Below Cal
 RT: 7.028 min Scan# 1769
 Delta R.T. 0.055 min
 Lab File: VU045381.D
 Acq: 25 Oct 2021 13:52

Tgt Ion: 88 Resp: 20
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.8 38.6#
 58 0.0 61.3 91.9#

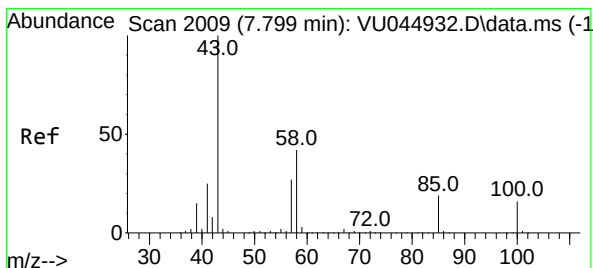
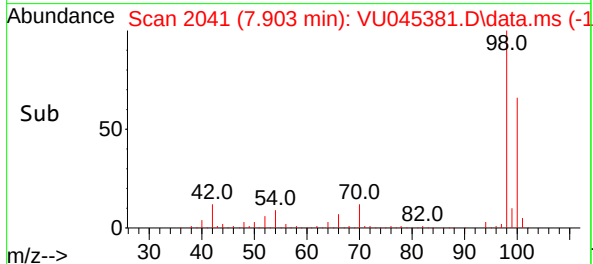
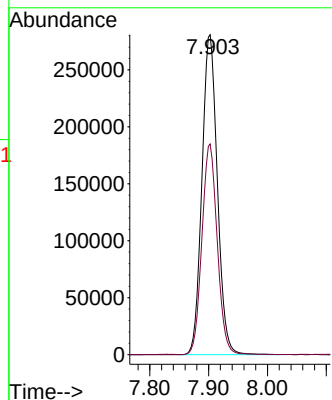
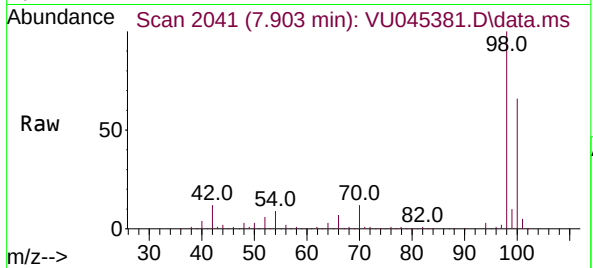




#50
Toluene-d8
Concen: 50.297 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

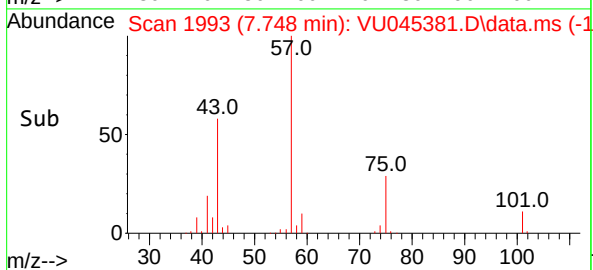
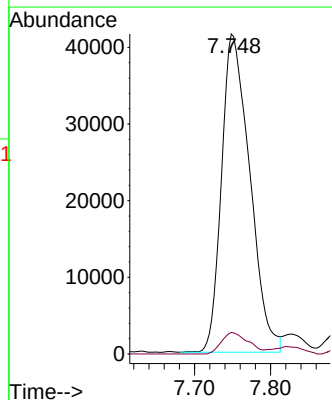
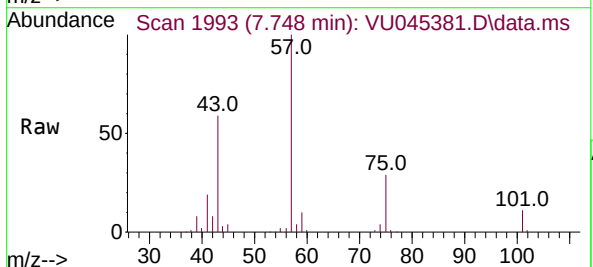
Instrument :
MSVOA_U
ClientSampled :

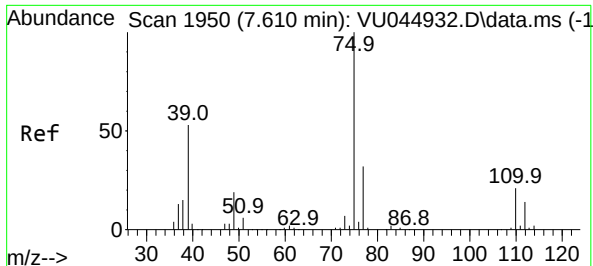
Tgt Ion: 98 Resp: 512074
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 17.324 ug/l
RT: 7.748 min Scan# 1993
Delta R.T. -0.051 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Tgt Ion: 43 Resp: 107236
Ion Ratio Lower Upper
43 100
58 6.3 32.4 48.6#

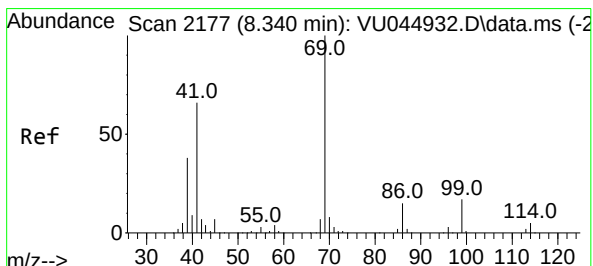
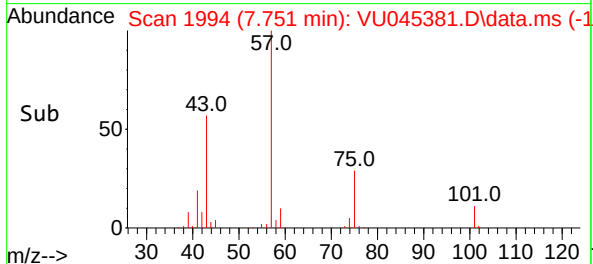
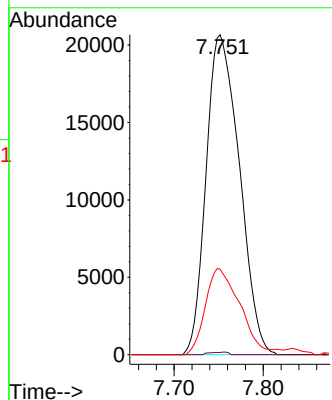
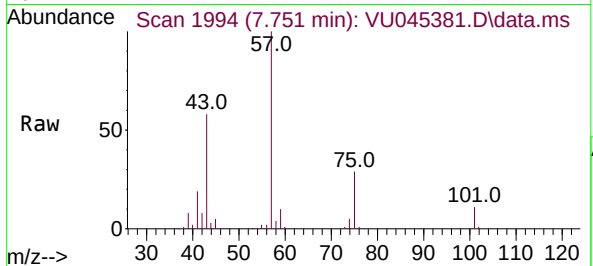




#54
 cis-1,3-Dichloropropene
 Concen: 10.194 ug/l
 RT: 7.751 min Scan# 1994
 Delta R.T. 0.141 min
 Lab File: VU045381.D
 Acq: 25 Oct 2021 13:52

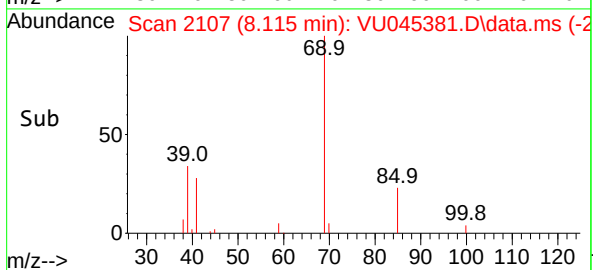
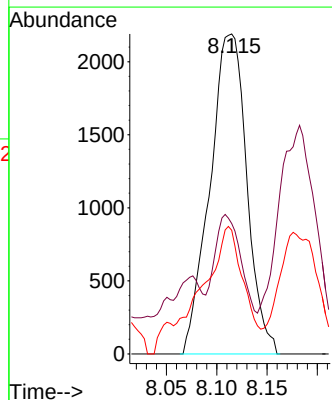
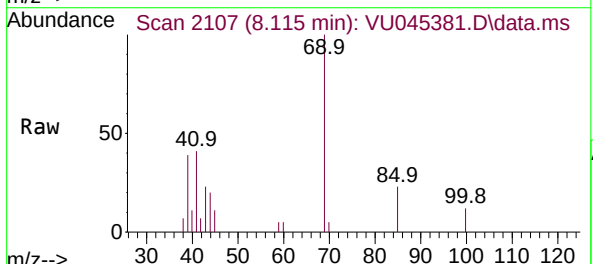
Instrument :
 MSVOA_U
 ClientSampleId :

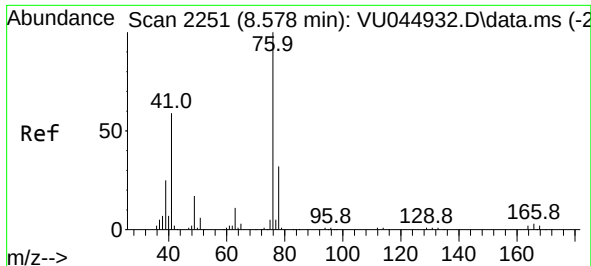
Tgt Ion: 75 Resp: 53571
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.0 37.6#
 39 26.7 41.4 62.2#



#56
 Ethyl methacrylate
 Concen: 2.657 ug/l
 RT: 8.115 min Scan# 2107
 Delta R.T. -0.225 min
 Lab File: VU045381.D
 Acq: 25 Oct 2021 13:52

Tgt Ion: 69 Resp: 5589
 Ion Ratio Lower Upper
 69 100
 41 21.1 53.5 80.3#
 39 30.9 31.1 46.7#



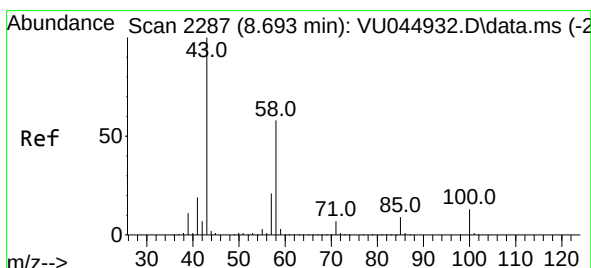
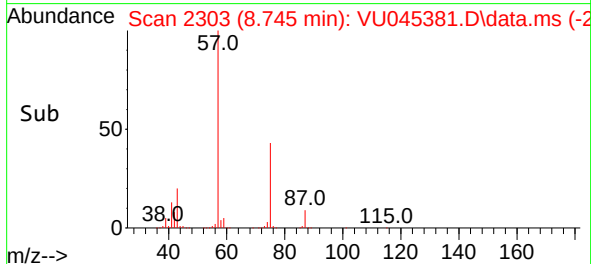
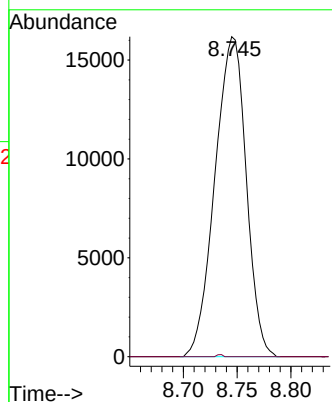
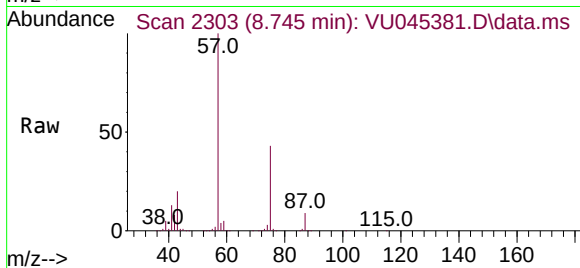


#57

1,3-Dichloropropane
Concen: 5.534 ug/l
RT: 8.745 min Scan# 2303
Delta R.T. 0.167 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Instrument :
MSVOA_U
ClientSampled :

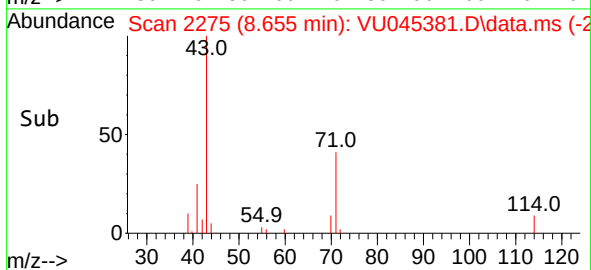
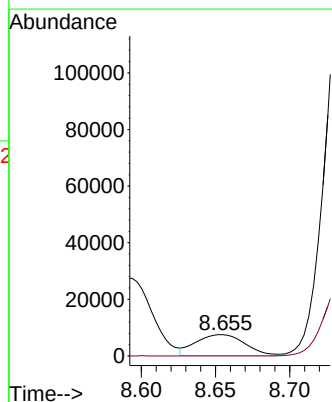
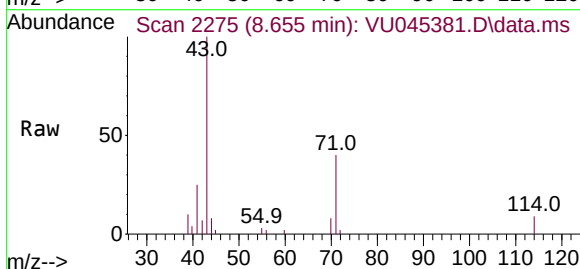
Tgt Ion: 76 Resp: 32766
Ion Ratio Lower Upper
76 100
78 0.1 25.7 38.5#

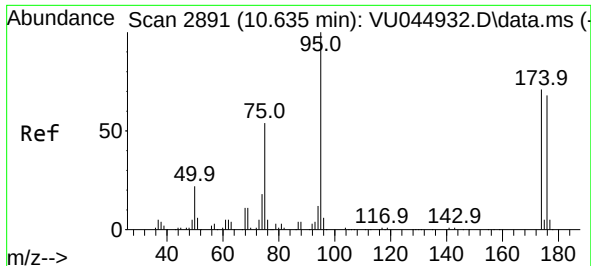


#59

2-Hexanone
Concen: 3.331 ug/l
RT: 8.655 min Scan# 2275
Delta R.T. -0.038 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Tgt Ion: 43 Resp: 16793
Ion Ratio Lower Upper
43 100
58 0.0 28.0 84.0#

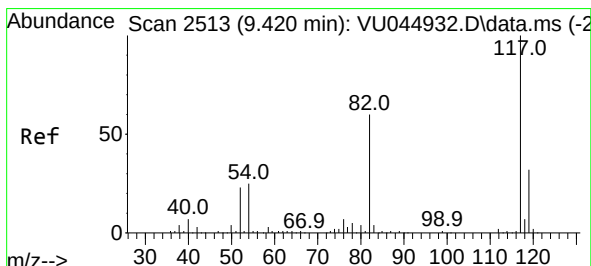
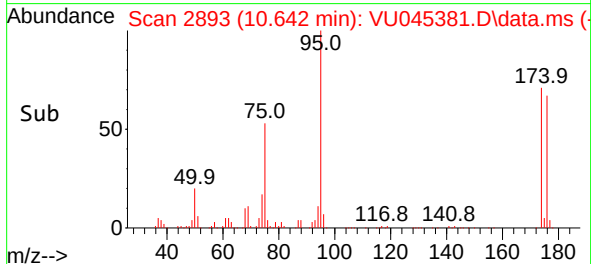
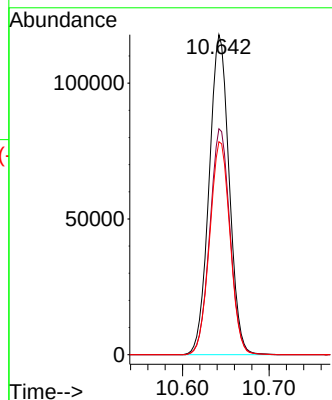
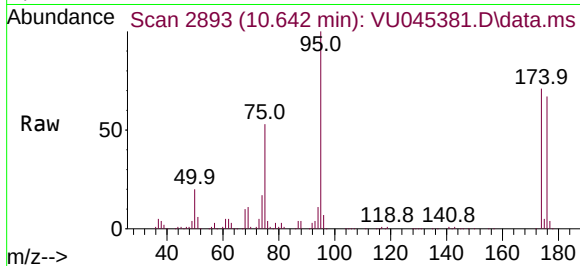




#62
4-Bromofluorobenzene
Concen: 45.101 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

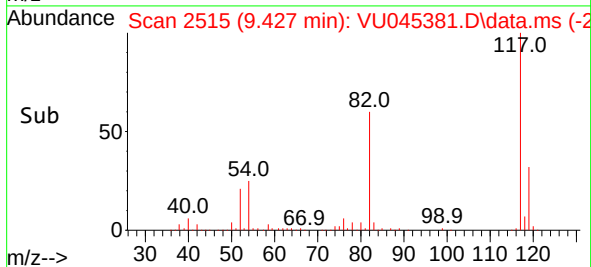
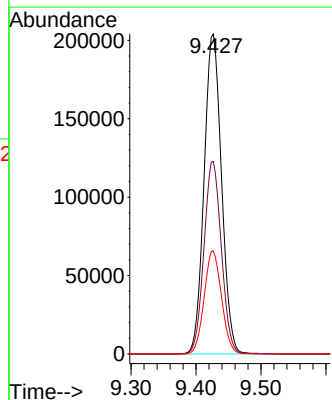
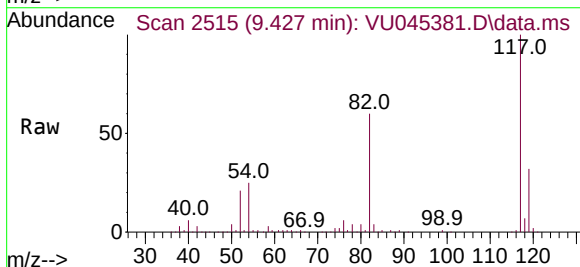
Instrument :
MSVOA_U
ClientSampled :

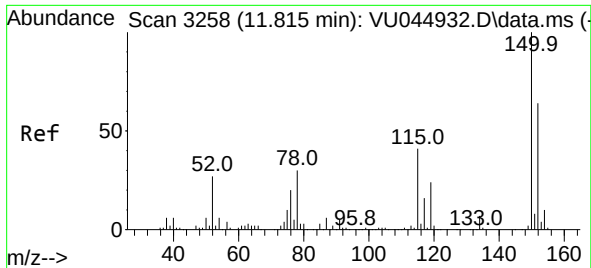
Tgt Ion: 95 Resp: 189570
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.6
176 67.6 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VU045381.D
Acq: 25 Oct 2021 13:52

Tgt Ion: 117 Resp: 381762
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 32.2 25.8 38.6

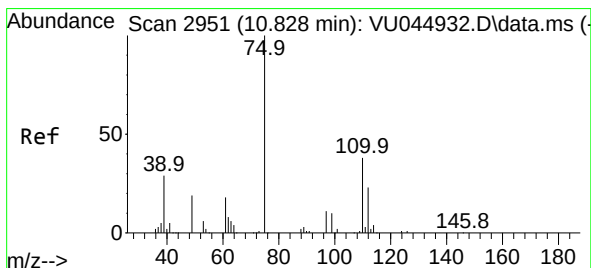
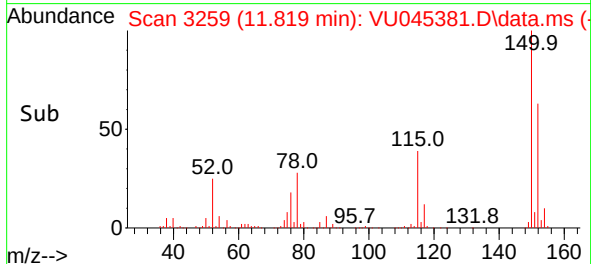
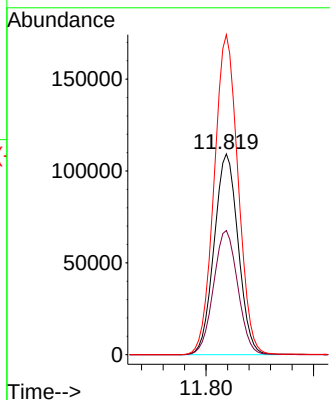
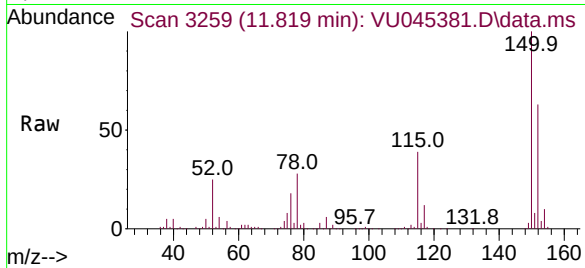




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.004 min
 Lab File: VU045381.D
 Acq: 25 Oct 2021 13:52

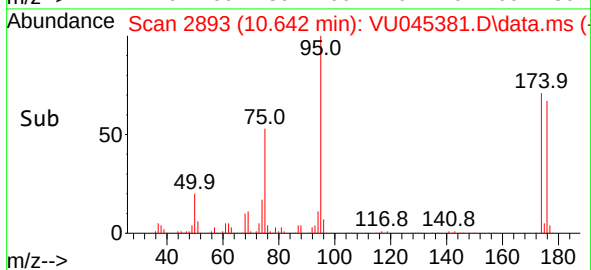
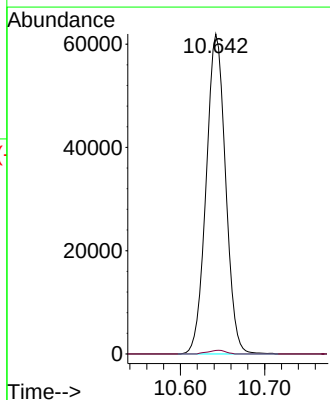
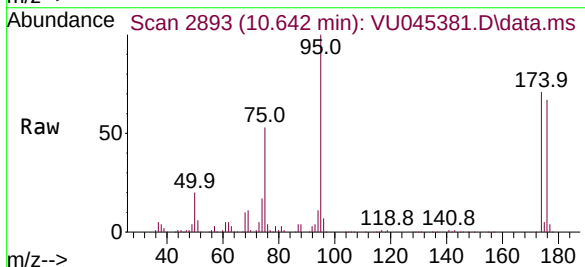
Instrument :
 MSVOA_U
 ClientSampled :

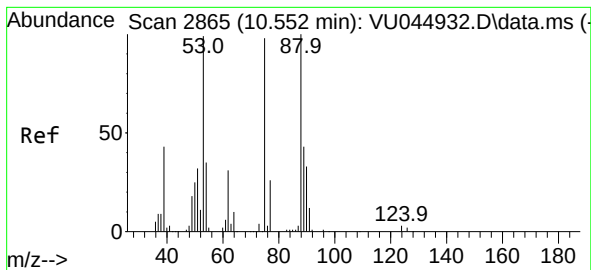
Tgt Ion:152 Resp: 169813
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.5 130.7
 150 158.6 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.036 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.186 min
 Lab File: VU045381.D
 Acq: 25 Oct 2021 13:52

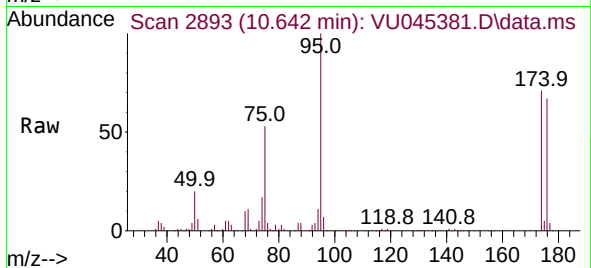
Tgt Ion: 75 Resp: 99243
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.604 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. 0.090 min
 Lab File: VU045381.D
 Acq: 25 Oct 2021 13:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 99243
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

