

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045046.D
 Acq On : 30 Sep 2021 14:53
 Operator : SY/MD
 Sample : M3966-06
 Misc : 10.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 05:39:35 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)

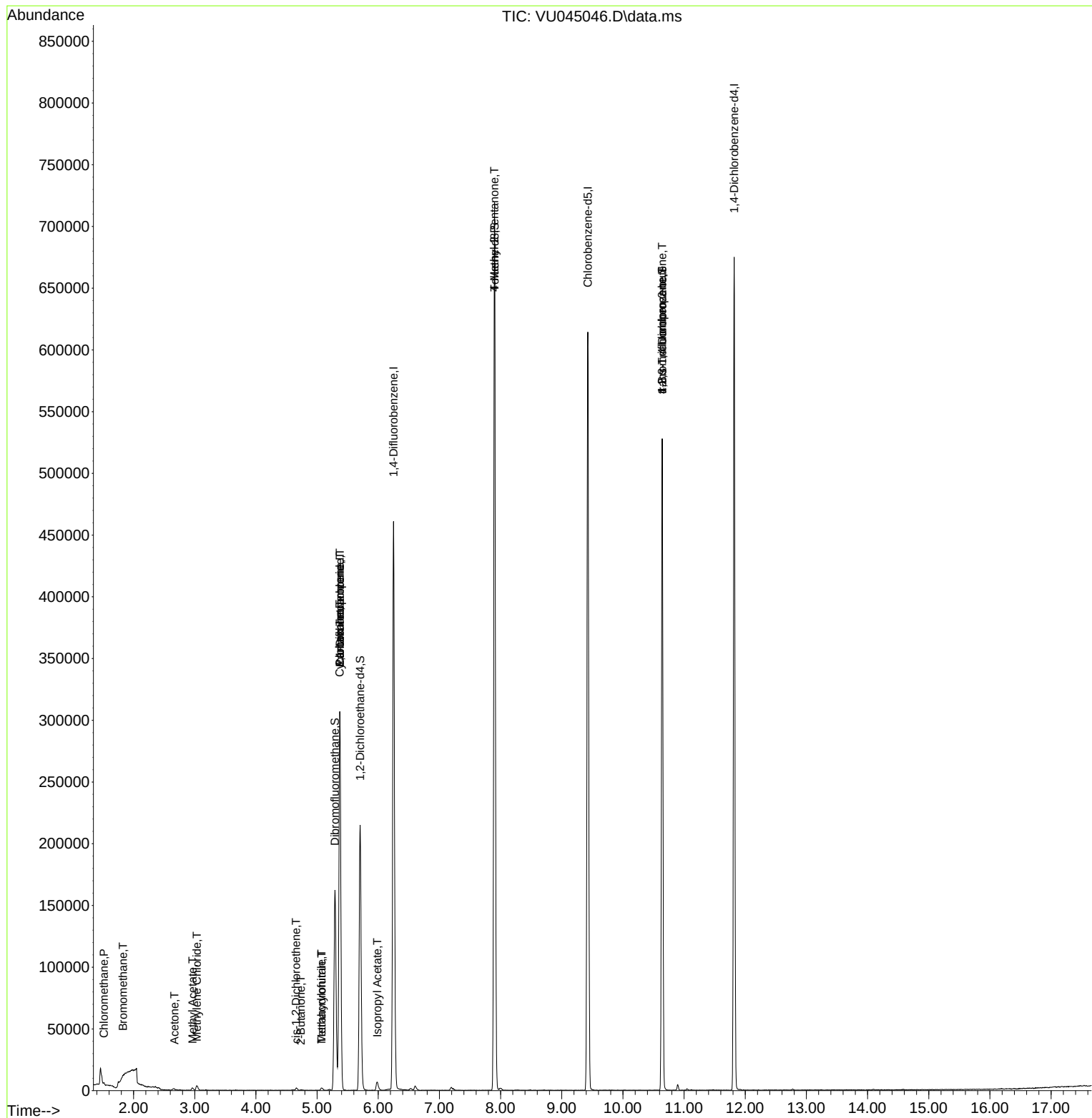
Internal Standards						
1) Pentafluorobenzene	5.372	168	211773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	389030	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	364717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	163692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	174550	49.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.020%		
35) Dibromofluoromethane	5.292	113	117740	47.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	7.902	98	490482	50.582	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.160%		
62) 4-Bromofluorobenzene	10.642	95	182558	45.602	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.200%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1028	0.303	ug/l	100
5) Bromomethane	1.826	94	359	0.270	ug/l	88
16) Acetone	2.668	43	1713	0.819	ug/l	97
18) Methyl Acetate	2.964	43	3263	0.534	ug/l #	73
20) Methylene Chloride	3.034	84	2154	0.683	ug/l	97
25) 2-Butanone	4.735	43	792	0.266	ug/l #	48
27) cis-1,2-Dichloroethene	4.658	96	969	0.299	ug/l	85
29) Tetrahydrofuran	5.073	42	1465	0.828	ug/l #	72
31) Cyclohexane	5.369	56	5594	1.045	ug/l #	14
36) 1,1-Dichloropropene	5.372	75	20326	4.996	ug/l #	49
38) Carbon Tetrachloride	5.372	117	22379	6.357	ug/l #	16
41) Methacrylonitrile	5.073	41	891	0.322	ug/l #	36
43) Isopropyl Acetate	5.983	43	3440	0.425	ug/l #	61
51) 4-Methyl-2-Pentanone	7.899	43	2452	0.416	ug/l #	1
76) 1,2,3-Trichloropropane	10.642	75	100308	21.009	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.642	75	100308	58.303	ug/l #	9

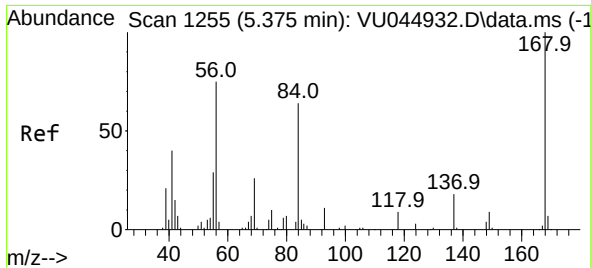
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
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Instrument :
MSVOA_U
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Quant Time: Oct 01 05:39:35 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

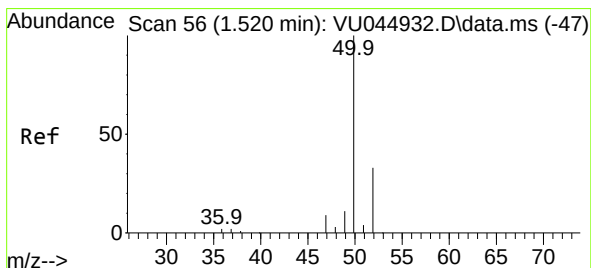
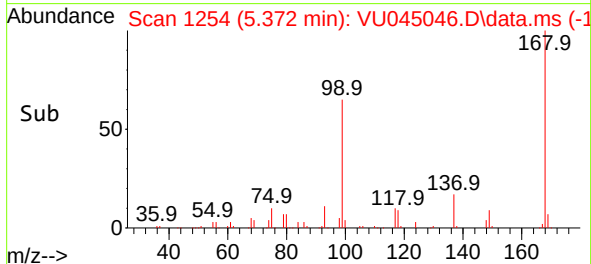
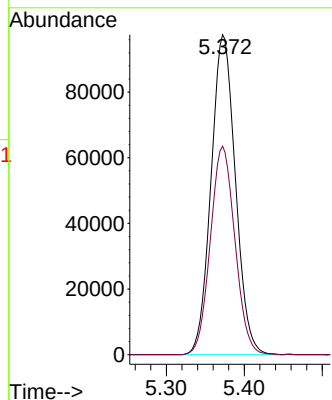
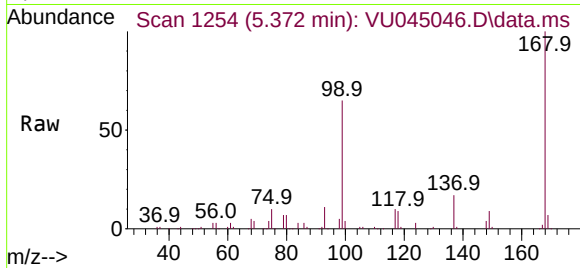




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.003 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

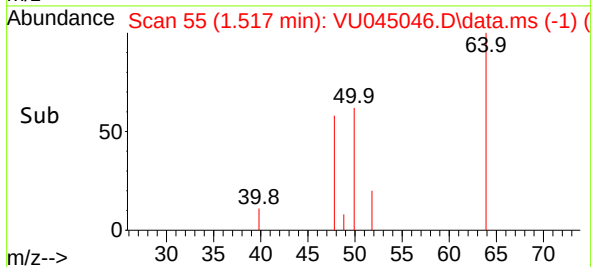
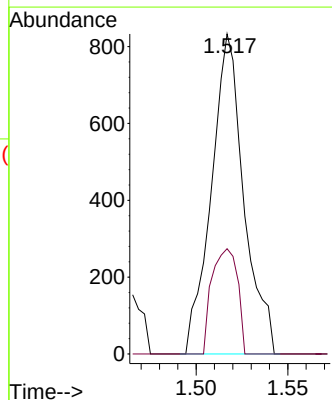
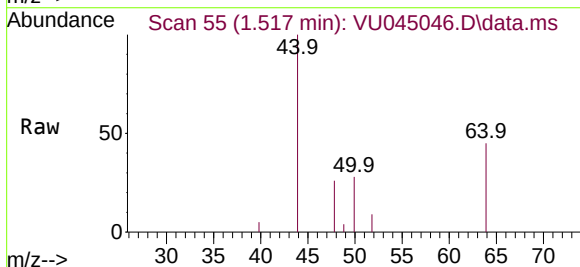
Instrument :
MSVOA_U
ClientSampleId :

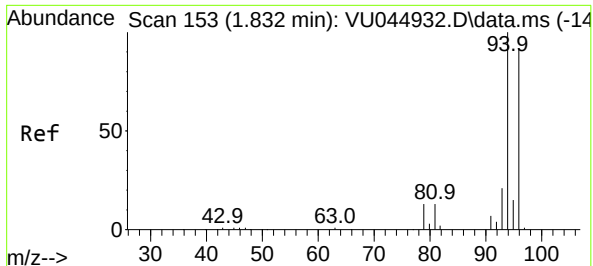
Tgt Ion:168 Resp: 211773
Ion Ratio Lower Upper
168 100
99 65.2 51.4 77.0



#3
Chloromethane
Concen: 0.303 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion: 50 Resp: 1028
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

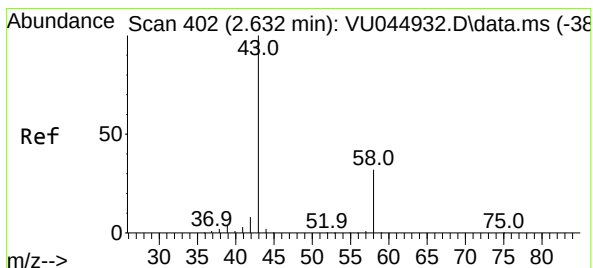
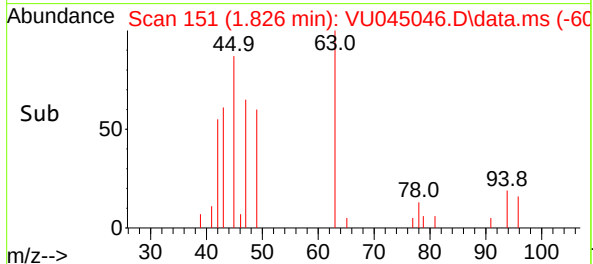
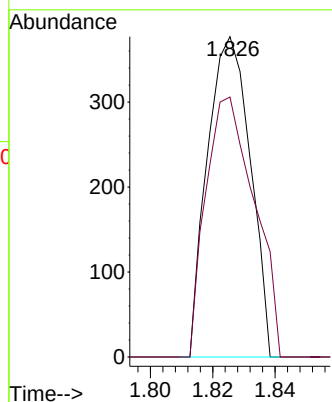
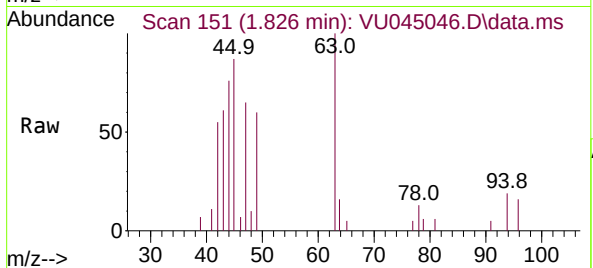




#5
Bromomethane
Concen: 0.270 ug/l
RT: 1.826 min Scan# 151
Delta R.T. -0.006 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

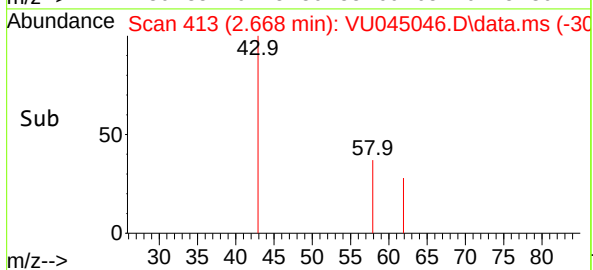
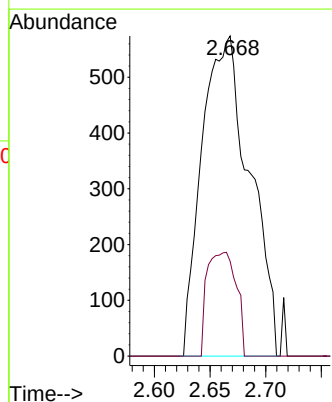
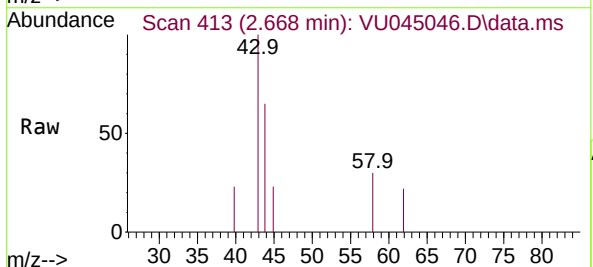
Instrument :
MSVOA_U
ClientSampled :

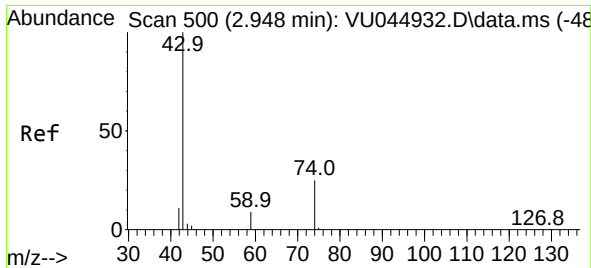
Tgt Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 81.2 74.5 111.7



#16
Acetone
Concen: 0.819 ug/l
RT: 2.668 min Scan# 413
Delta R.T. 0.036 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 29.6 25.2 37.8

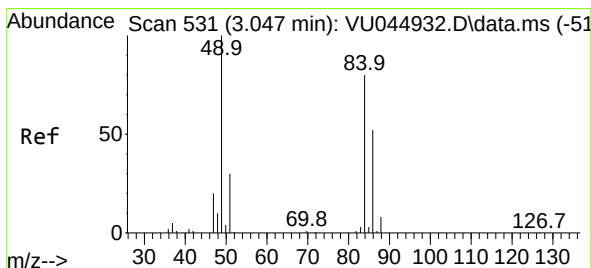
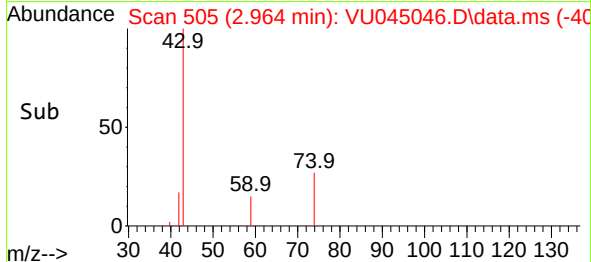
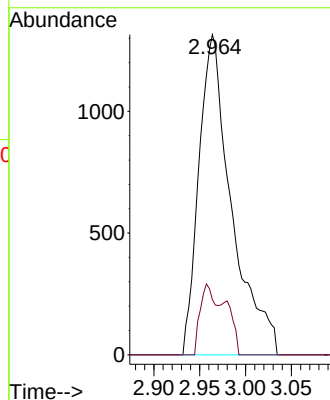
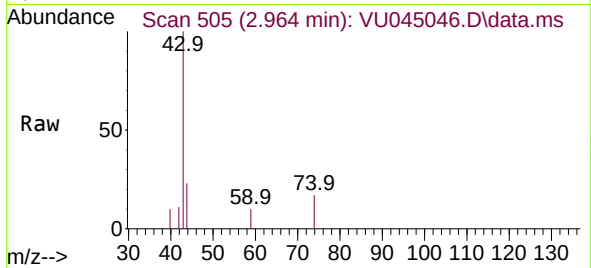




#18
Methyl Acetate
Concen: 0.534 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.016 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

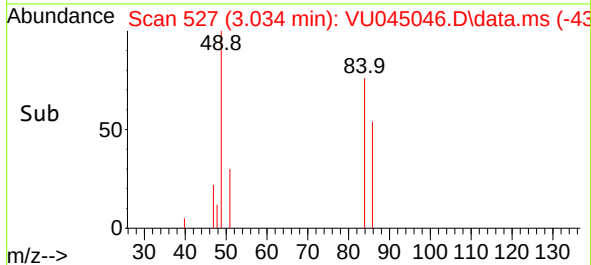
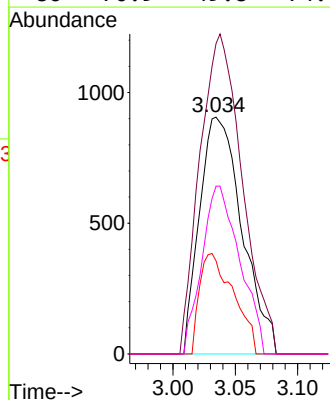
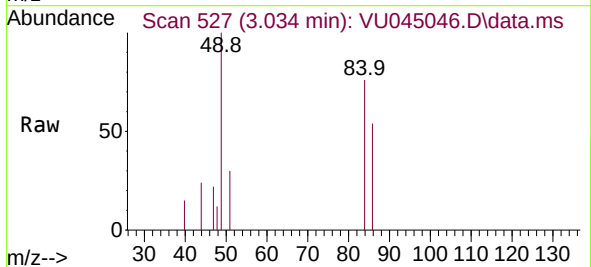
Instrument :
MSVOA_U
ClientSampled :

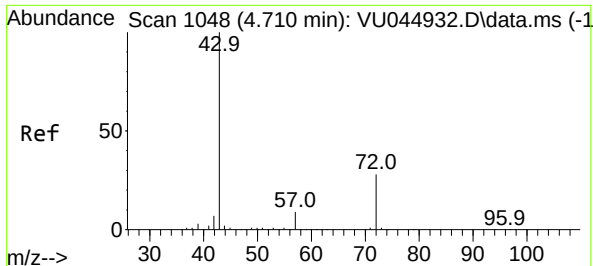
Tgt Ion: 43 Resp: 3263
Ion Ratio Lower Upper
43 100
74 10.5 19.0 28.6#



#20
Methylene Chloride
Concen: 0.683 ug/l
RT: 3.034 min Scan# 527
Delta R.T. -0.013 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion: 84 Resp: 2154
Ion Ratio Lower Upper
84 100
49 131.0 104.9 157.3
51 39.3 31.8 47.8
86 70.9 49.8 74.6

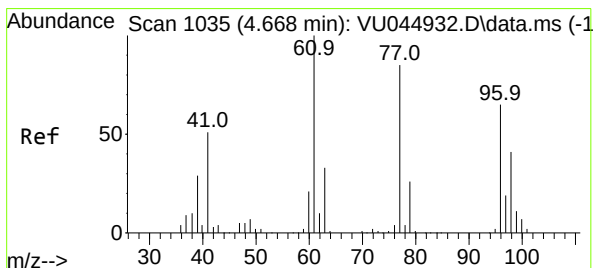
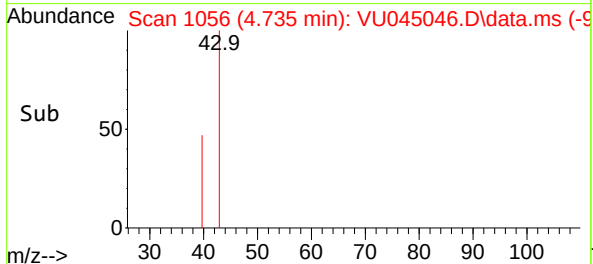
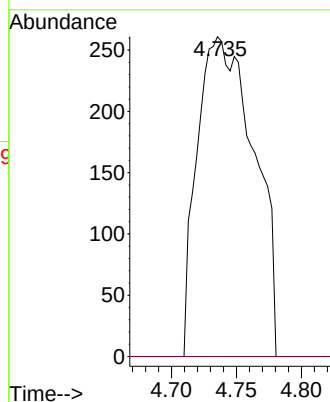
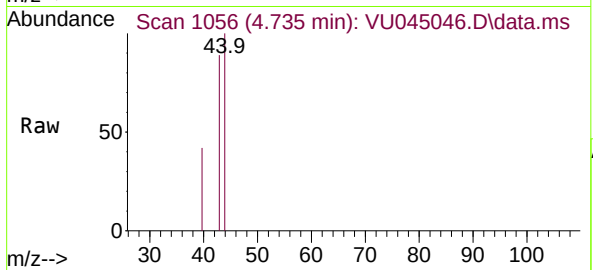




#25
2-Butanone
Concen: 0.266 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.025 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

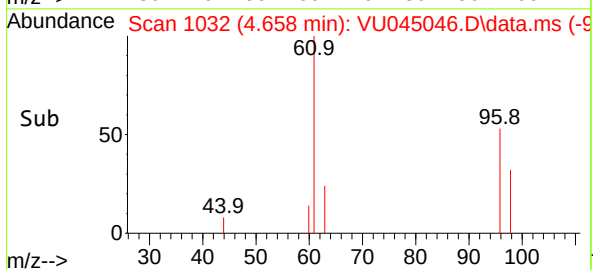
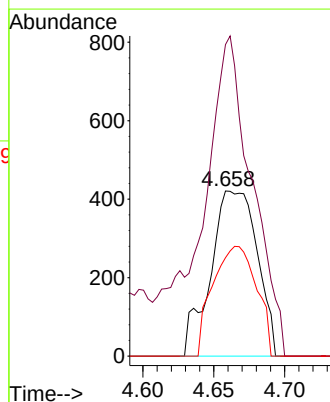
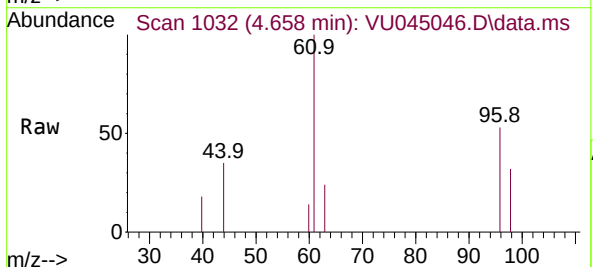
Instrument :
MSVOA_U
ClientSampled :

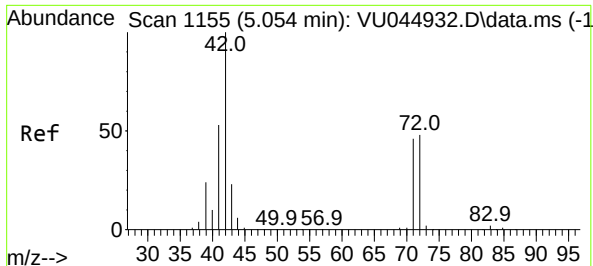
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
72 0.0 21.3 31.9#



#27
cis-1,2-Dichloroethene
Concen: 0.299 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.010 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion: 96 Resp: 969
Ion Ratio Lower Upper
96 100
61 183.5 0.0 313.4
98 61.9 0.0 127.0





#29

Tetrahydrofuran

Concen: 0.828 ug/l

RT: 5.073 min Scan# 1161

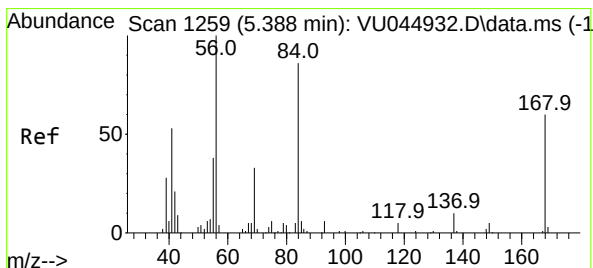
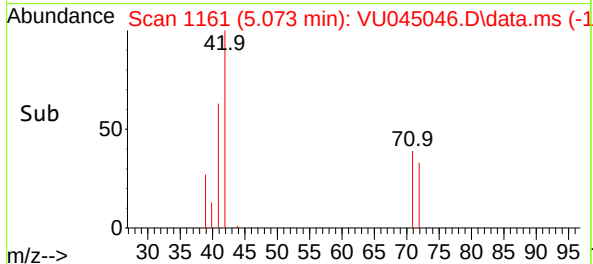
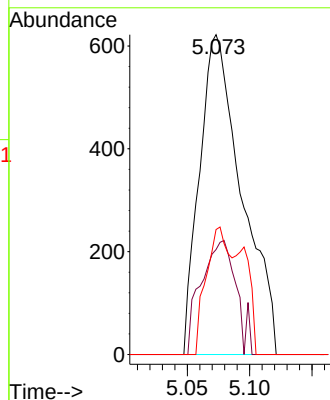
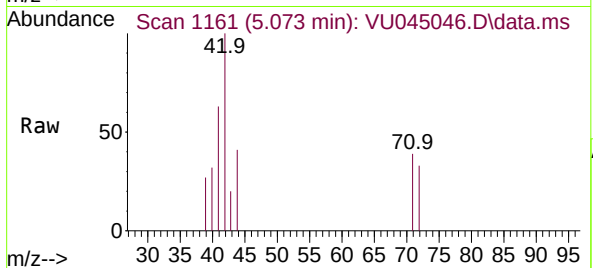
Delta R.T. 0.019 min

Lab File: VU045046.D

Acq: 30 Sep 2021 14:53

Tgt Ion:	42	Resp:	1465
Ion	Ratio	Lower	Upper
42	100		
72	29.4	36.2	54.4#
71	22.5	34.1	51.1#

Instrument :
MSVOA_U
ClientSampled :



#31

Cyclohexane

Concen: 1.045 ug/l

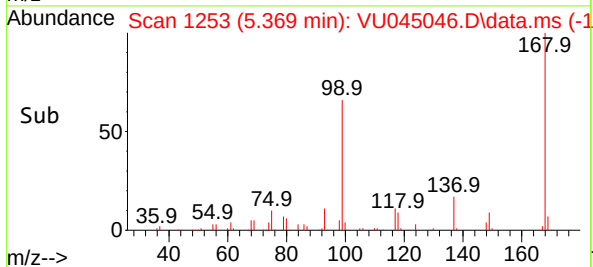
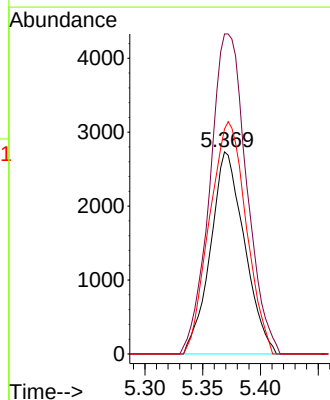
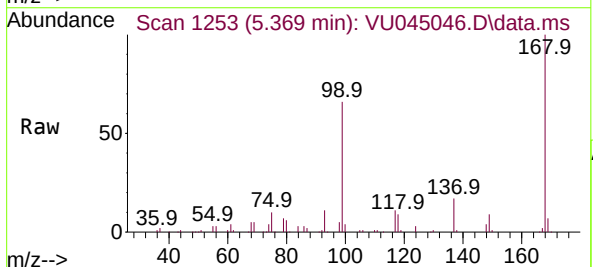
RT: 5.369 min Scan# 1253

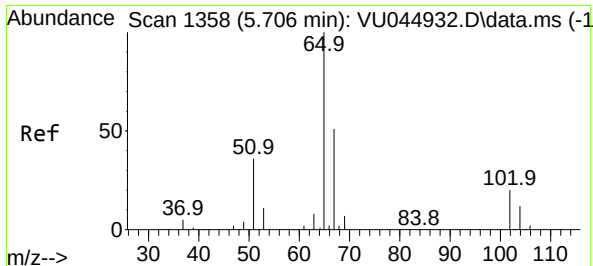
Delta R.T. -0.019 min

Lab File: VU045046.D

Acq: 30 Sep 2021 14:53

Tgt Ion:	56	Resp:	5594
Ion	Ratio	Lower	Upper
56	100		
69	158.3	25.2	37.8#
84	111.3	66.4	99.6#



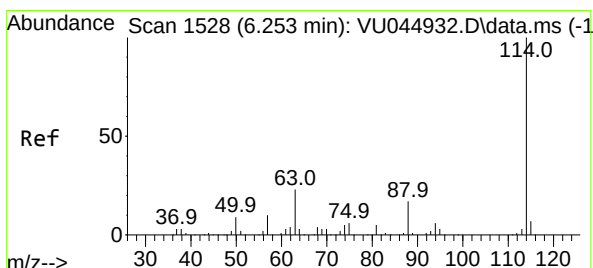
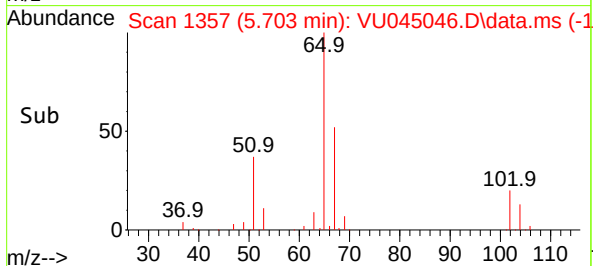
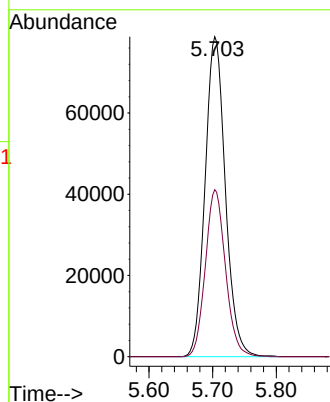
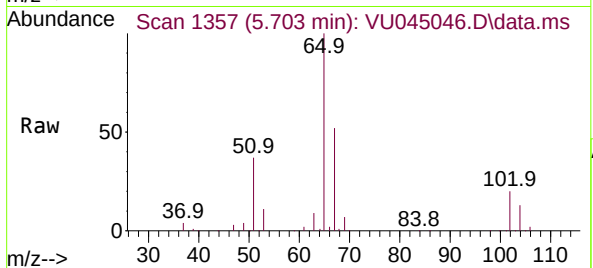


#33

1,2-Dichloroethane-d4
Concen: 49.515 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :

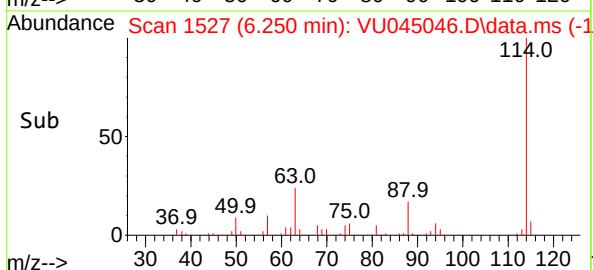
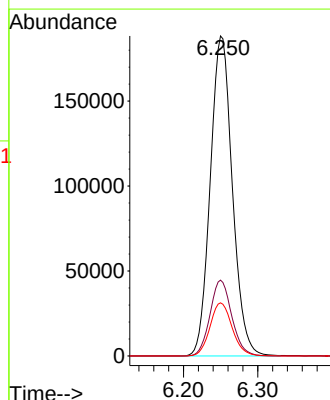
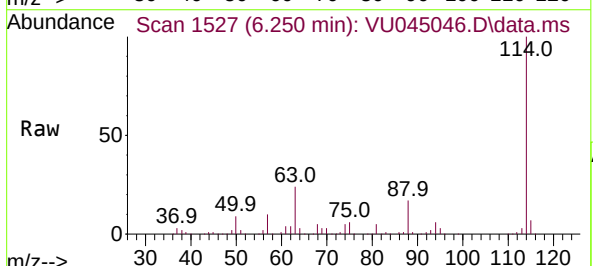
Tgt Ion: 65 Resp: 174550
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

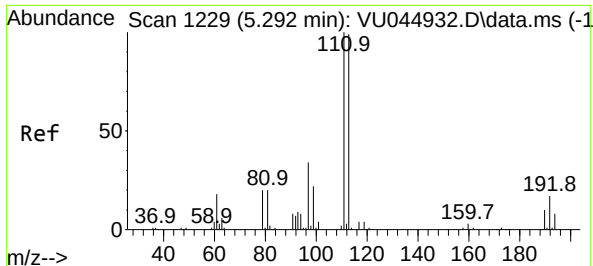


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion: 114 Resp: 389030
Ion Ratio Lower Upper
114 100
63 23.7 0.0 47.8
88 16.6 0.0 32.8

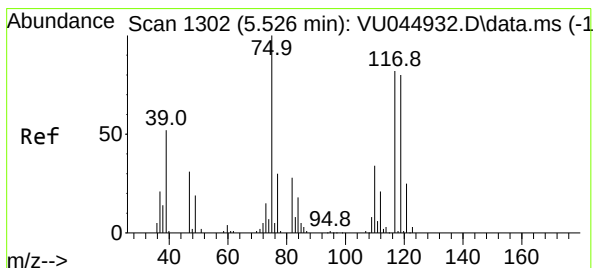
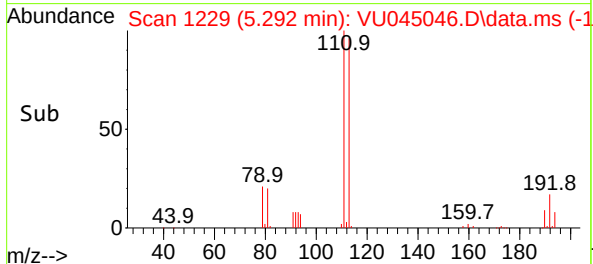
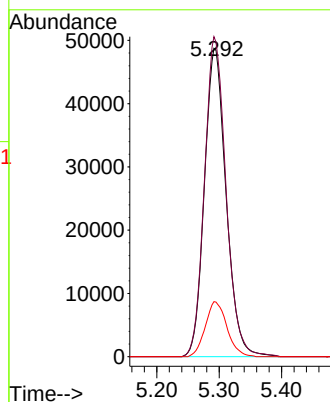
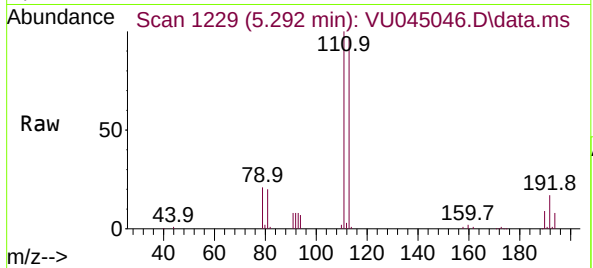




#35
Dibromofluoromethane
Concen: 47.976 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

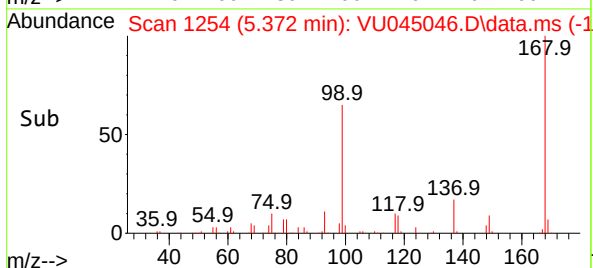
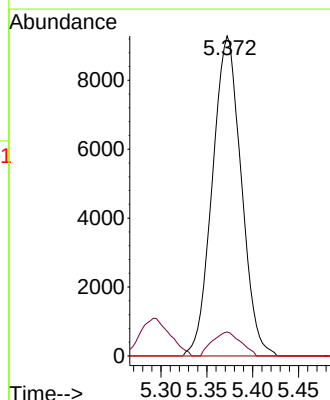
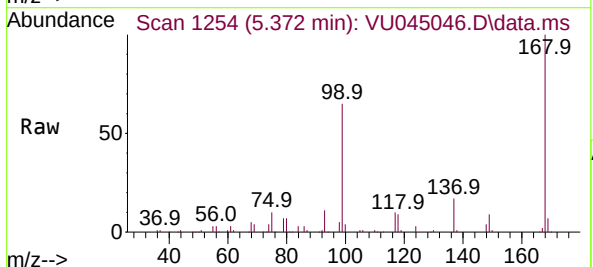
Instrument :
MSVOA_U
ClientSampleId :

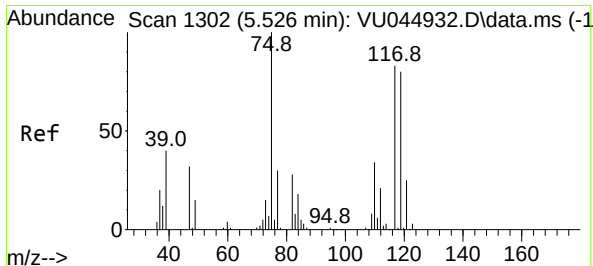
Tgt Ion:113 Resp: 117740
Ion Ratio Lower Upper
113 100
111 103.3 84.1 126.1
192 17.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

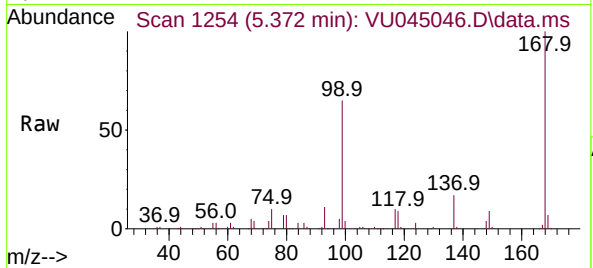
Tgt Ion: 75 Resp: 20326
Ion Ratio Lower Upper
75 100
110 7.3 16.3 48.9#
77 0.0 25.0 37.4#



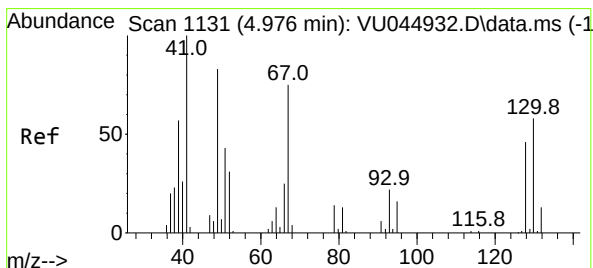
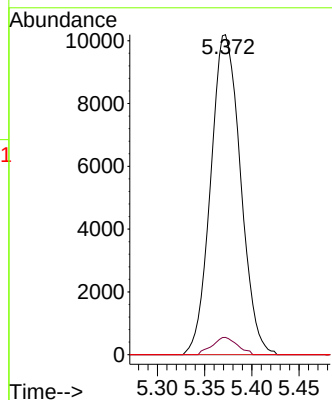
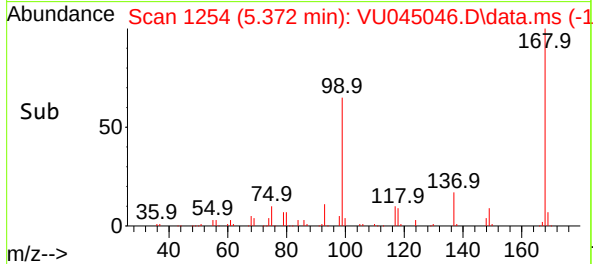


#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

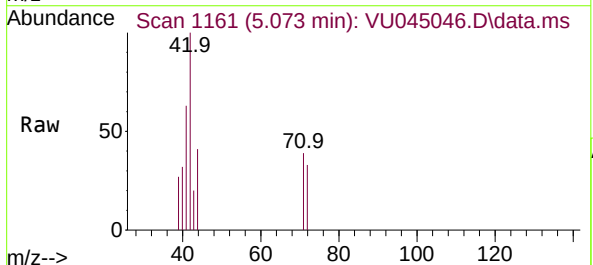
Instrument :
MSVOA_U
ClientSampleId :



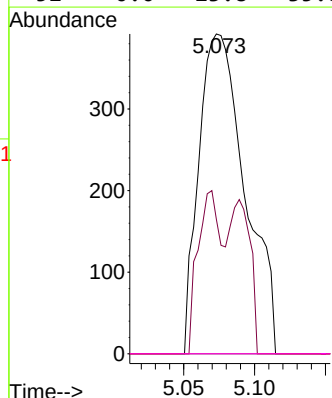
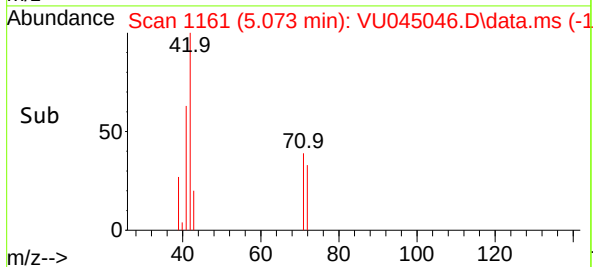
Tgt Ion:117 Resp: 22379
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.2#
121 0.0 24.5 36.7#

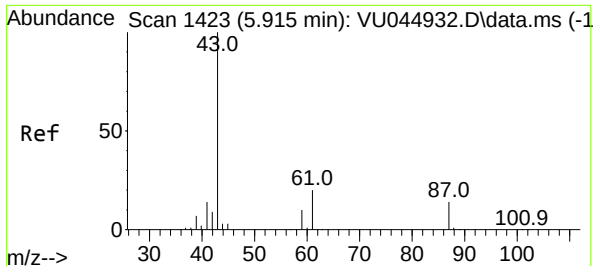


#41
Methacrylonitrile
Concen: 0.322 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.097 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53



Tgt Ion: 41 Resp: 891
Ion Ratio Lower Upper
41 100
39 26.5 44.4 66.6#
67 0.0 58.1 87.1#
52 0.0 23.8 35.8#

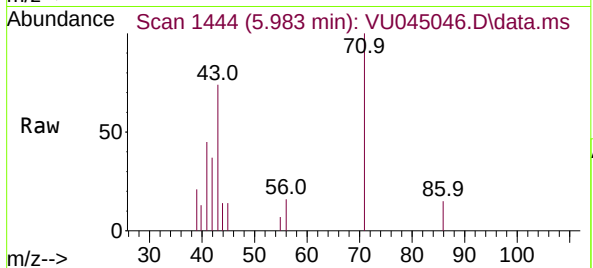




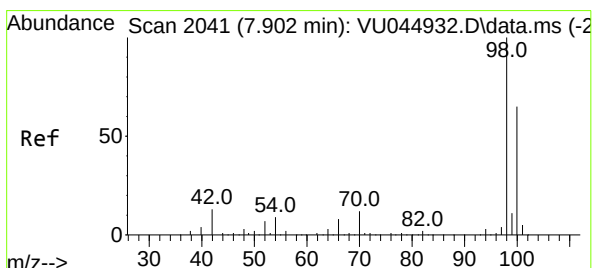
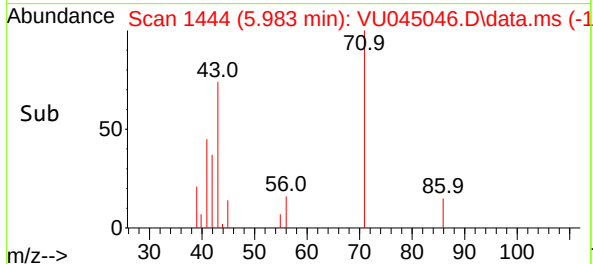
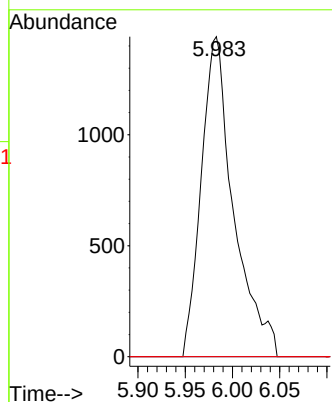
#43

Isopropyl Acetate
 Concen: 0.425 ug/l
 RT: 5.983 min Scan# 1444
 Delta R.T. 0.068 min
 Lab File: VU045046.D
 Acq: 30 Sep 2021 14:53

Instrument :
 MSVOA_U
 ClientSampled :



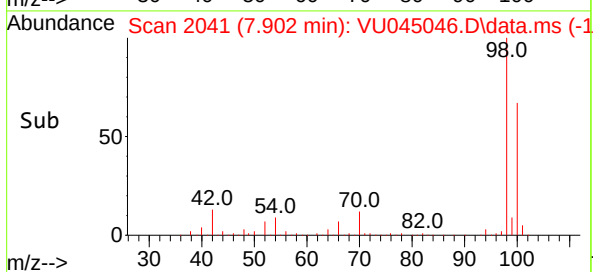
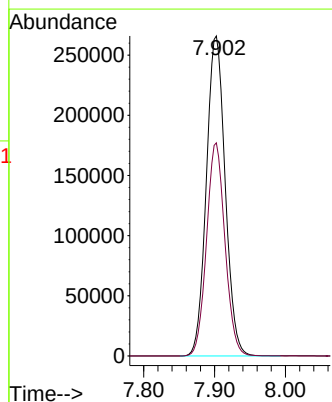
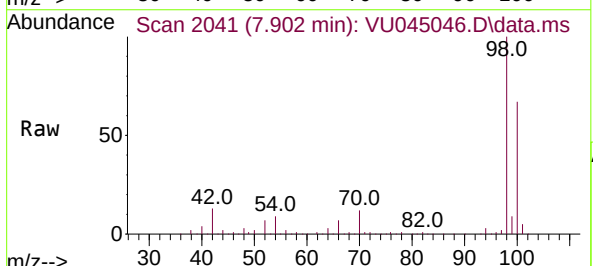
Tgt Ion:	43	Resp:	3440
Ion Ratio	100	Lower	Upper
43	100		
61	0.0	16.1	24.1#
87	0.0	10.3	15.5#

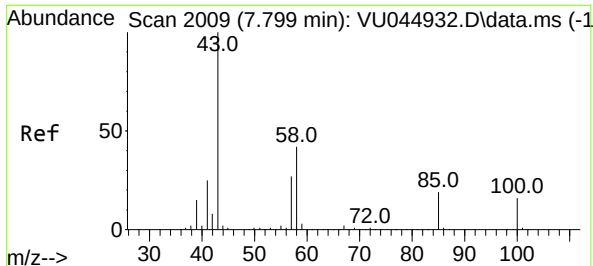


#50

Toluene-d8
 Concen: 50.582 ug/l
 RT: 7.902 min Scan# 2041
 Delta R.T. 0.000 min
 Lab File: VU045046.D
 Acq: 30 Sep 2021 14:53

Tgt Ion:	98	Resp:	490482
Ion Ratio	100	Lower	Upper
98	100		
100	65.2	52.5	78.7

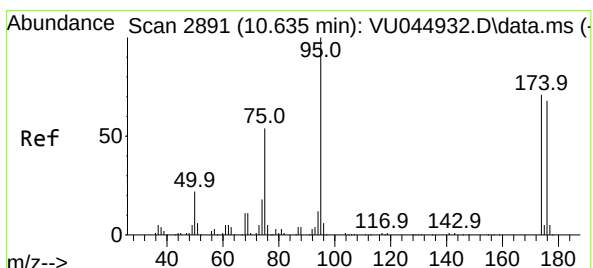
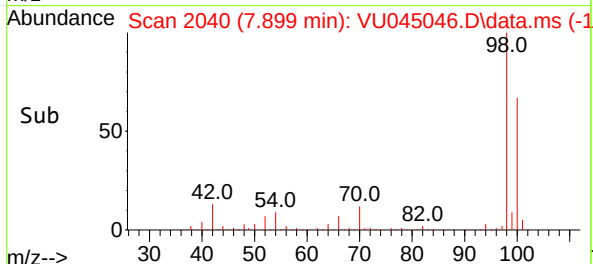
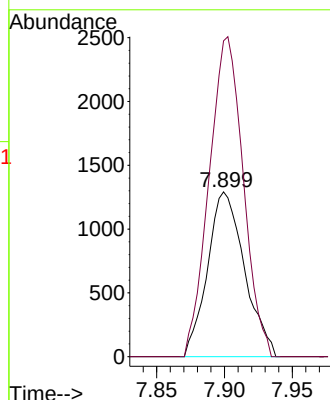
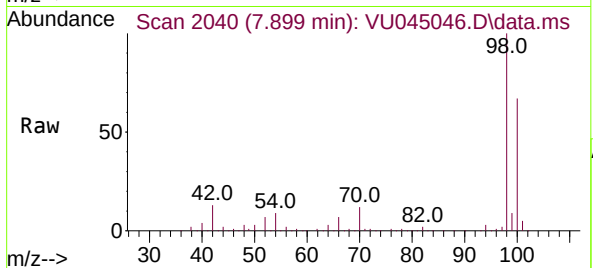




#51
4-Methyl-2-Pentanone
Concen: 0.416 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.100 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

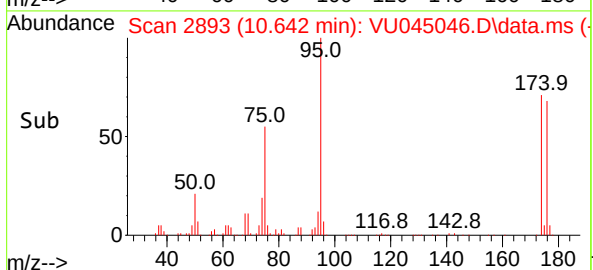
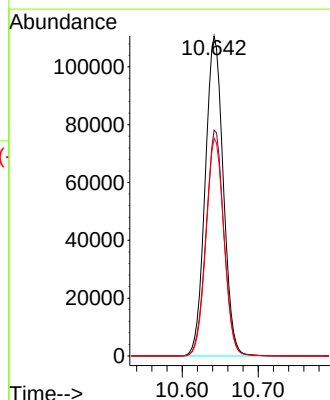
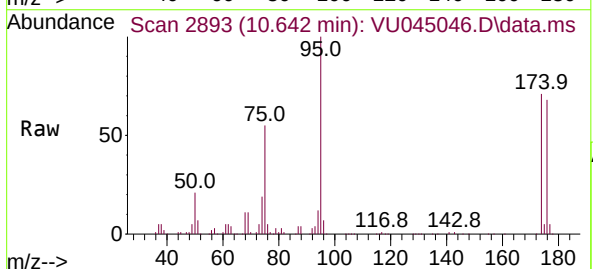
Instrument :
MSVOA_U
ClientSampled :

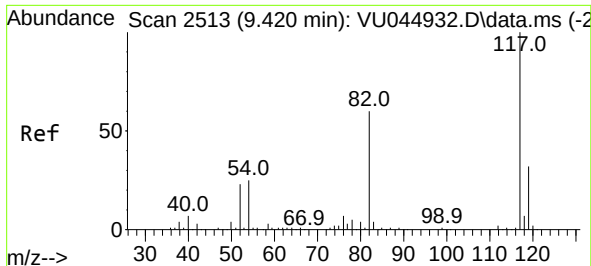
Tgt Ion: 43 Resp: 2452
Ion Ratio Lower Upper
43 100
58 179.4 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 45.602 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion: 95 Resp: 182558
Ion Ratio Lower Upper
95 100
174 70.1 0.0 146.6
176 67.6 0.0 141.2

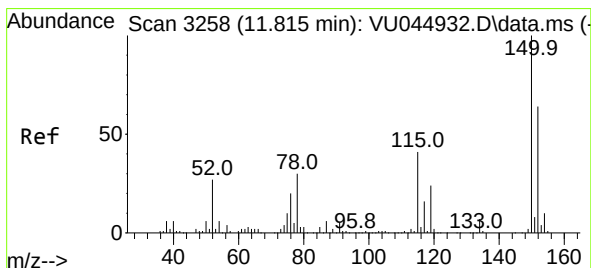
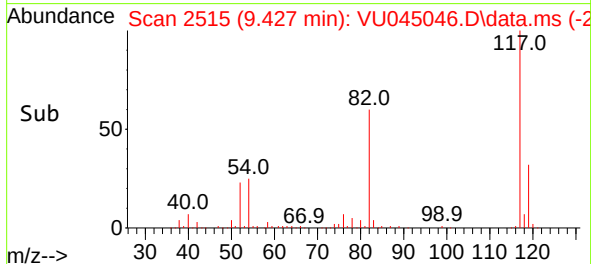
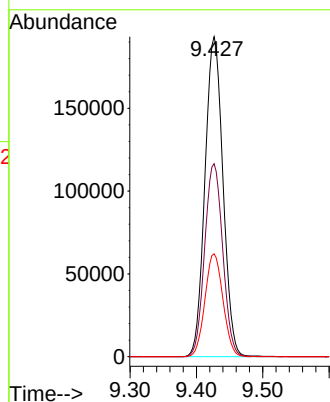
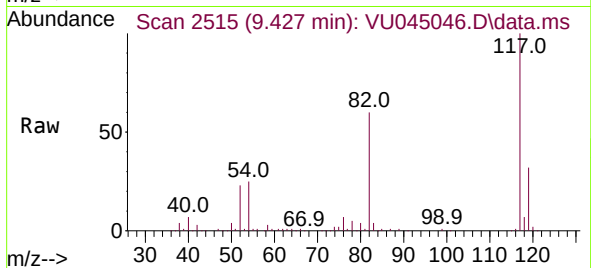




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

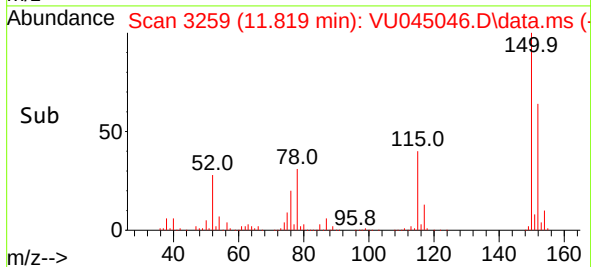
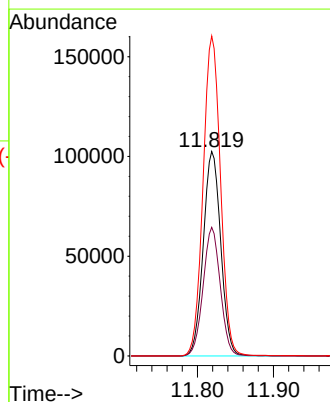
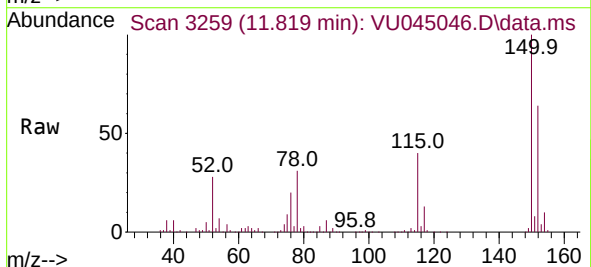
Instrument :
MSVOA_U
ClientSampleId :

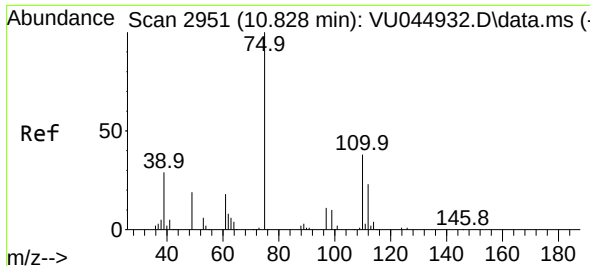
Tgt Ion:117 Resp: 364717
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.004 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion:152 Resp: 163692
Ion Ratio Lower Upper
152 100
115 61.7 43.5 130.7
150 155.5 0.0 350.0

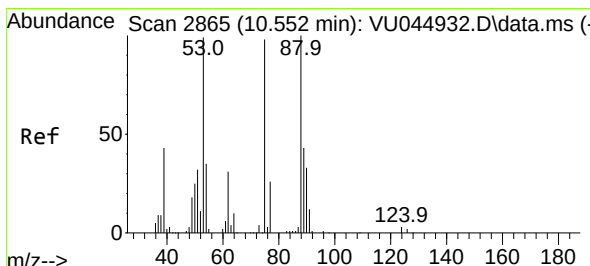
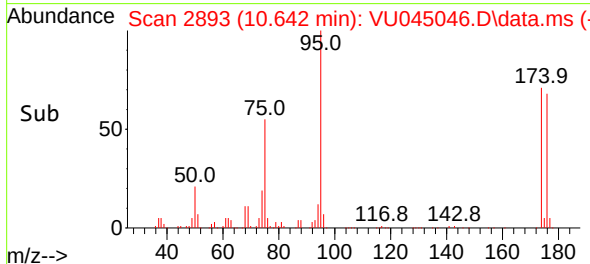
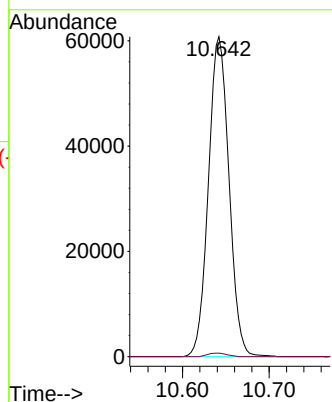
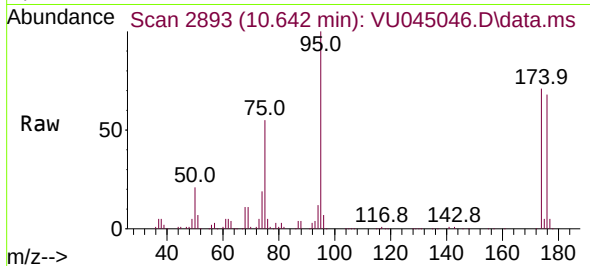




#76
1,2,3-Trichloropropane
Concen: 21.009 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.186 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 100308
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.303 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.090 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion: 75 Resp: 100308
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

