

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045083.D
 Acq On : 01 Oct 2021 19:09
 Operator : SY/MD
 Sample : M4020-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 02 03:13:42 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)

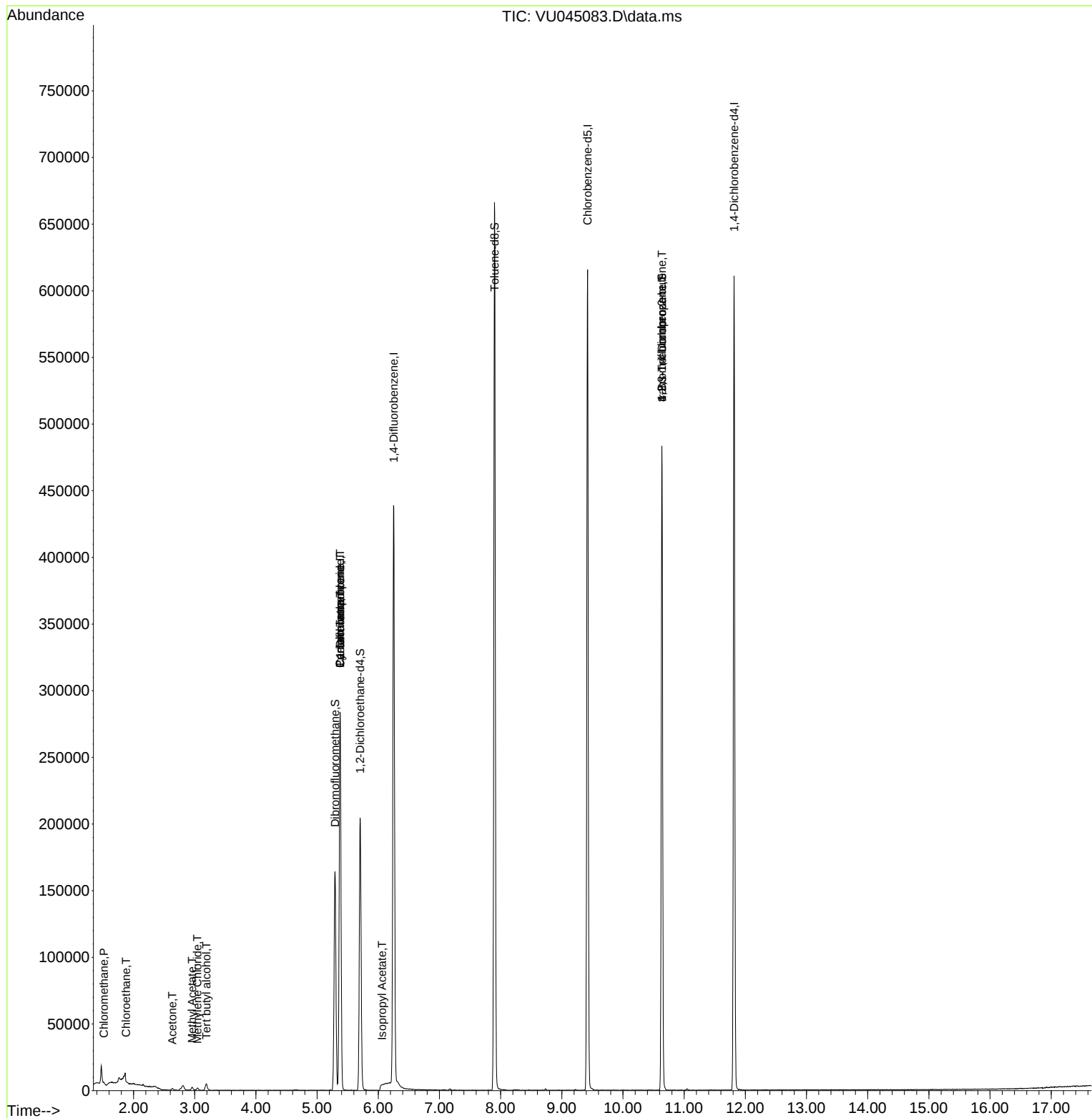
Internal Standards						
1) Pentafluorobenzene	5.376	168	180551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	335527	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	314751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	146760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	152864	50.861	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.720%	
35) Dibromofluoromethane	5.292	113	105542	49.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.720%	
50) Toluene-d8	7.900	98	426242	50.967	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	10.636	95	159904	46.312	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.620%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	628	0.217	ug/l	99
6) Chloroethane	1.877	64	2075	0.934	ug/l #	42
11) Tert butyl alcohol	3.189	59	3423	3.968	ug/l #	72
16) Acetone	2.636	43	1566	0.878	ug/l	97
18) Methyl Acetate	2.958	43	3319	0.637	ug/l #	68
20) Methylene Chloride	3.041	84	824	0.307	ug/l	98
31) Cyclohexane	5.376	56	4821	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.376	75	17324	4.937	ug/l #	49
38) Carbon Tetrachloride	5.376	117	19803	6.522	ug/l #	16
43) Isopropyl Acetate	6.064	43	4707	0.674	ug/l #	61
76) 1,2,3-Trichloropropane	10.636	75	86073	20.107	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	86073	55.801	ug/l #	9

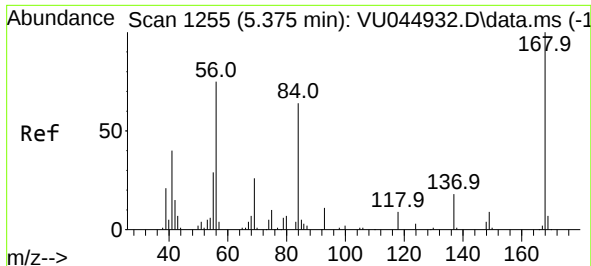
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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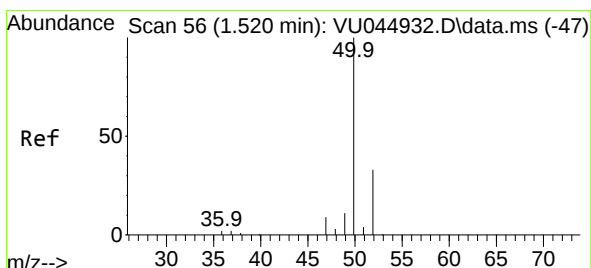
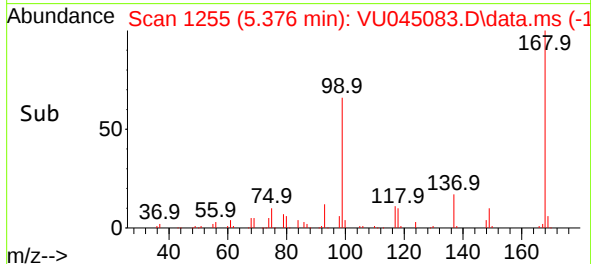
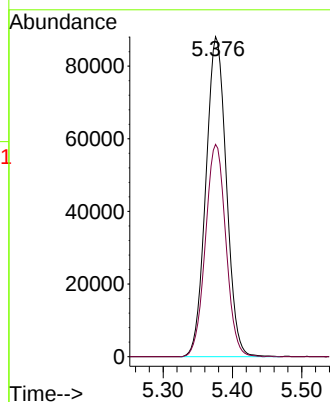
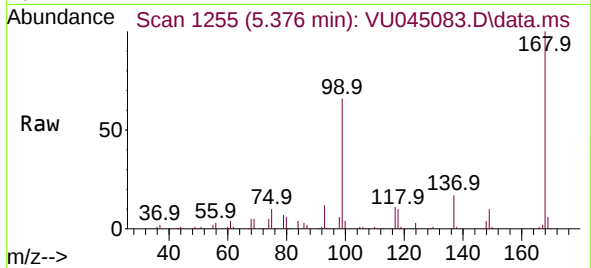




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. 0.001 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

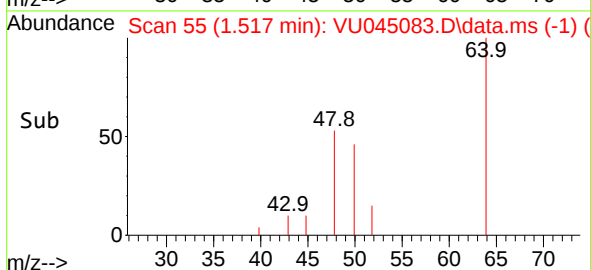
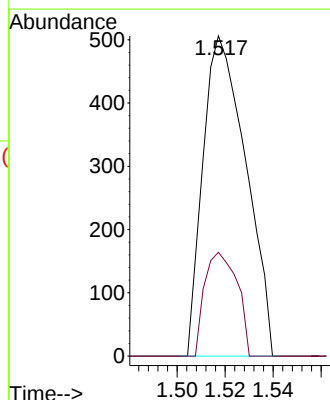
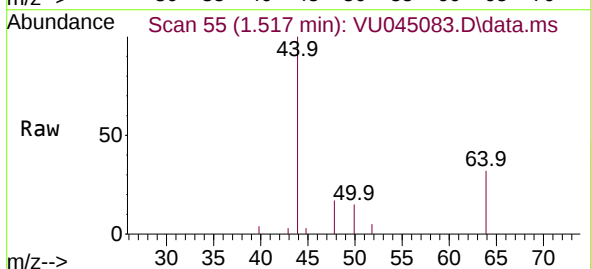
Instrument :
MSVOA_U
ClientSampleId :

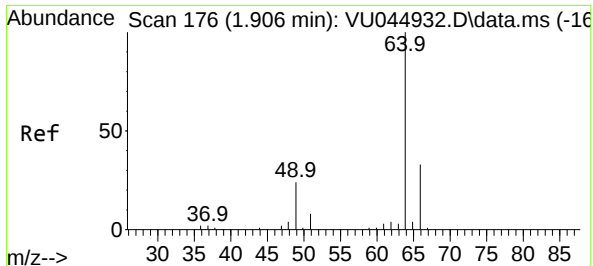
Tgt Ion:168 Resp: 180551
Ion Ratio Lower Upper
168 100
99 66.4 51.4 77.0



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Tgt Ion: 50 Resp: 628
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5

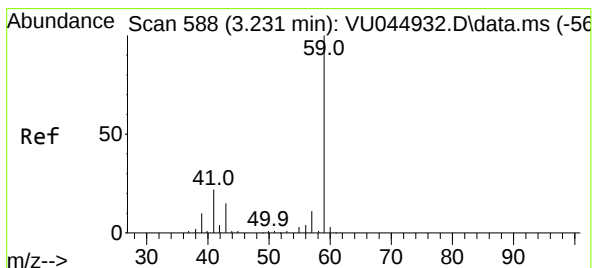
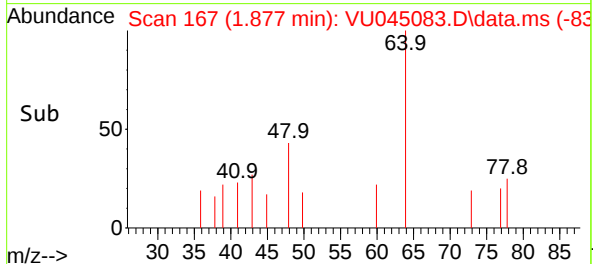
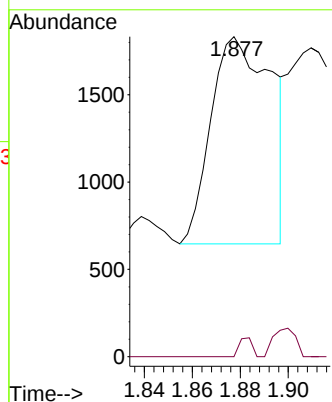
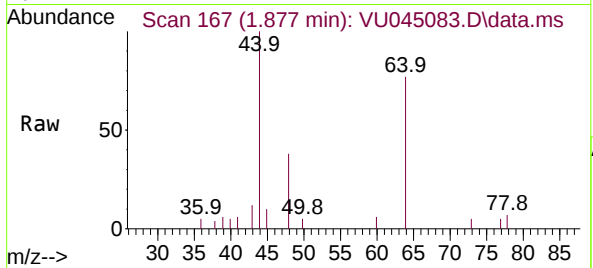




#6
Chloroethane
Concen: 0.934 ug/l
RT: 1.877 min Scan# 167
Delta R.T. -0.029 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

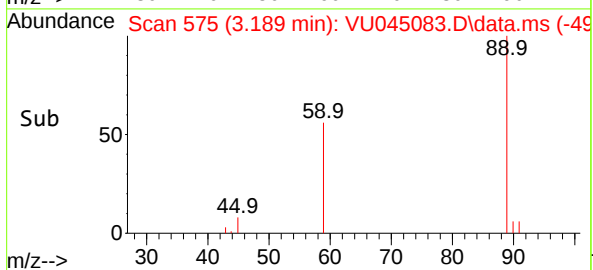
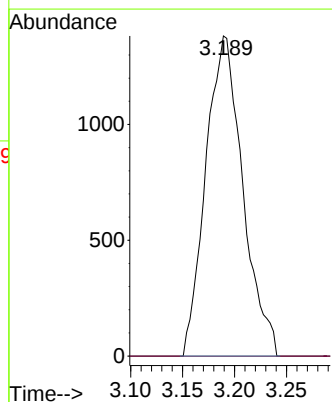
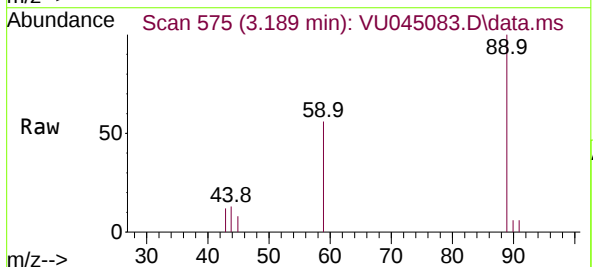
Instrument :
MSVOA_U
ClientSampled :

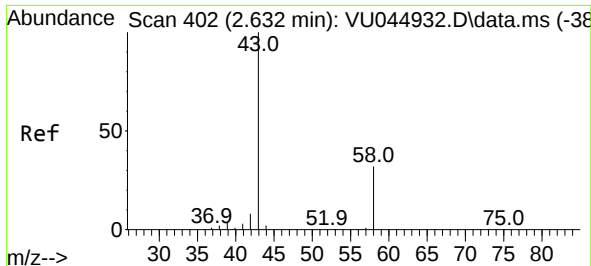
Tgt Ion: 64 Resp: 2075
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



#11
Tert butyl alcohol
Concen: 3.968 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.042 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Tgt Ion: 59 Resp: 3423
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

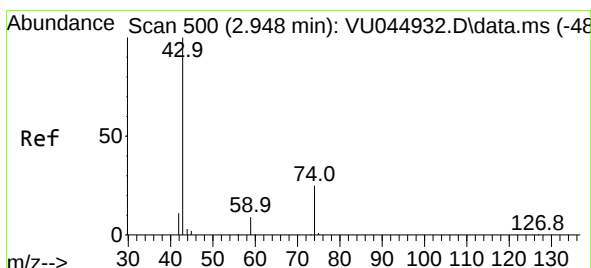
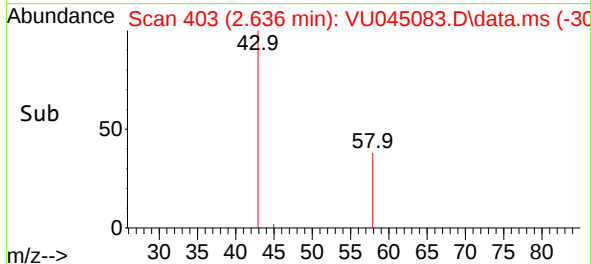
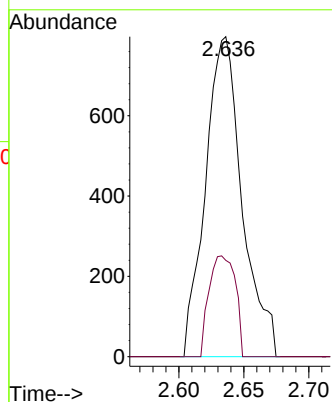
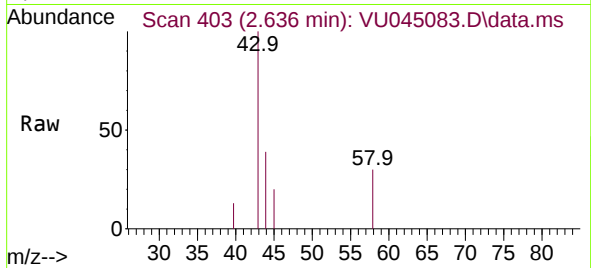




#16
Acetone
Concen: 0.878 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

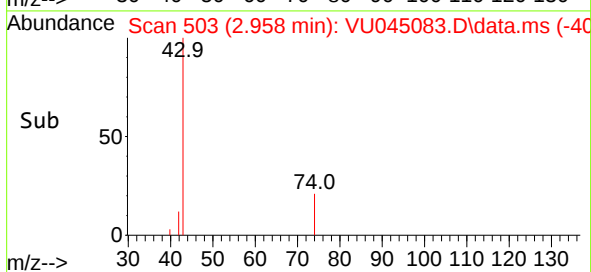
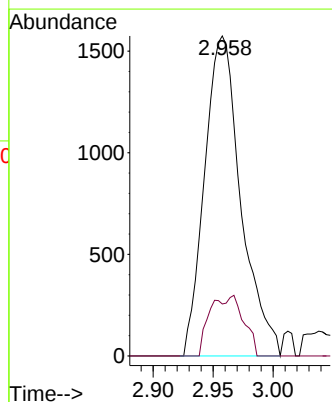
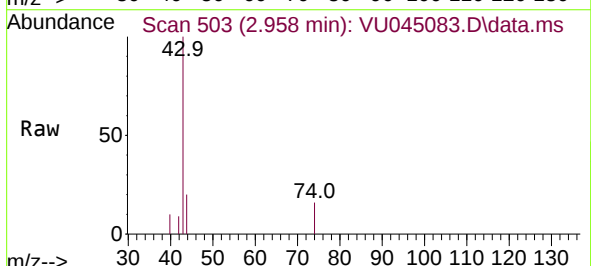
Instrument :
MSVOA_U
ClientSampled :

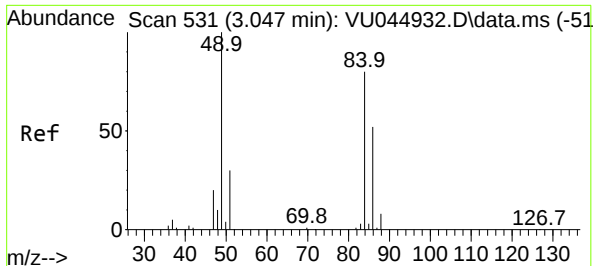
Tgt Ion: 43 Resp: 1566
Ion Ratio Lower Upper
43 100
58 30.1 25.2 37.8



#18
Methyl Acetate
Concen: 0.637 ug/l
RT: 2.958 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

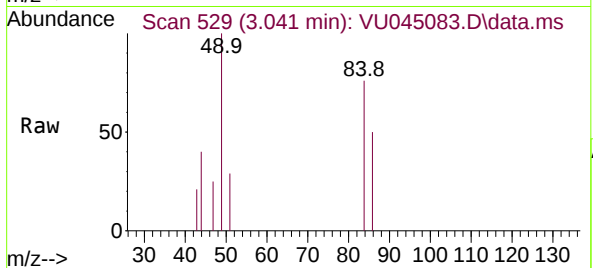
Tgt Ion: 43 Resp: 3319
Ion Ratio Lower Upper
43 100
74 7.8 19.0 28.6#



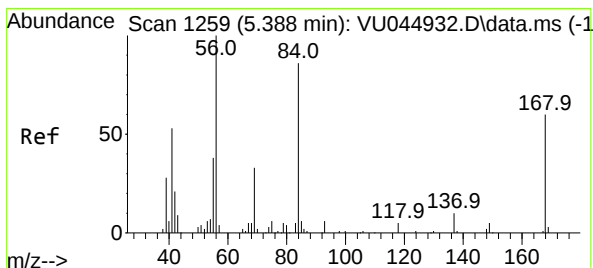
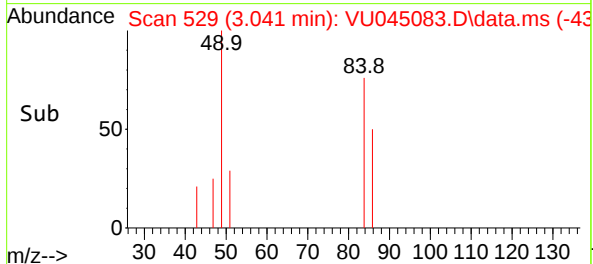
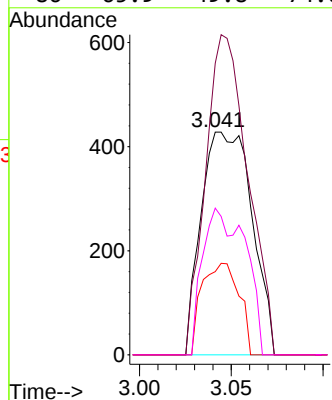


#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Instrument :
MSVOA_U
ClientSampled :

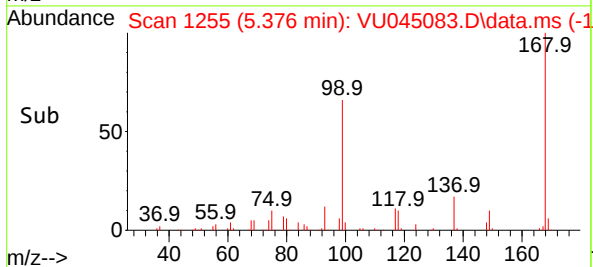
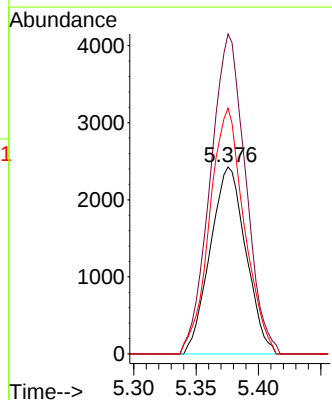
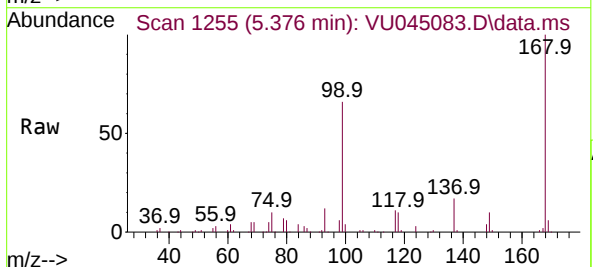


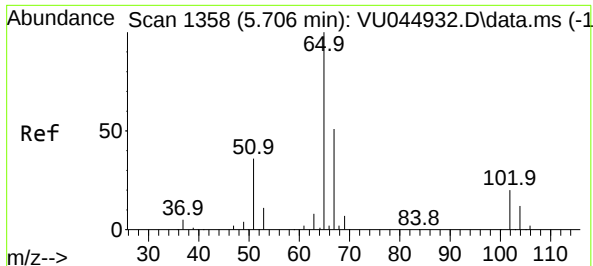
Tgt Ion:	84	Resp:	824
Ion	Ratio	Lower	Upper
84	100		
49	130.8	104.9	157.3
51	37.4	31.8	47.8
86	65.9	49.8	74.6



#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. -0.012 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Tgt Ion:	56	Resp:	4821
Ion	Ratio	Lower	Upper
56	100		
69	171.2	25.2	37.8#
84	131.5	66.4	99.6#



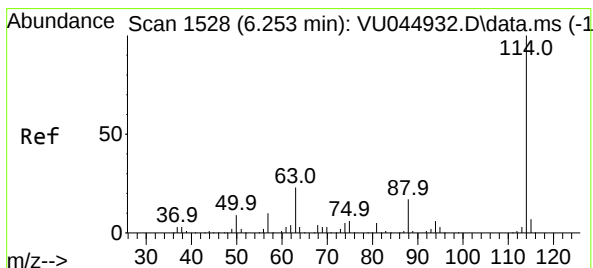
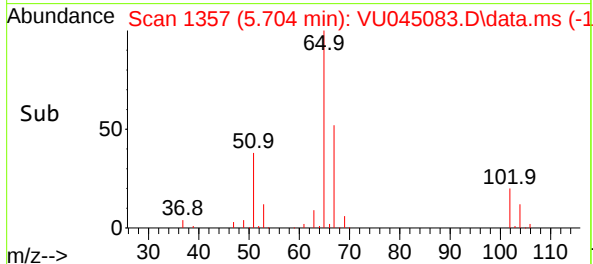
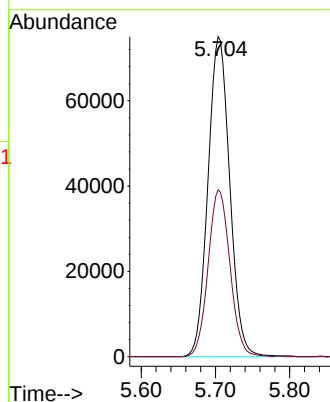
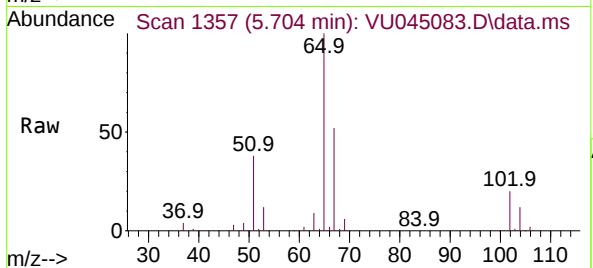


#33

1,2-Dichloroethane-d4
Concen: 50.861 ug/l
RT: 5.704 min Scan# 1357
Delta R.T. -0.002 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Instrument :
MSVOA_U
ClientSampled :

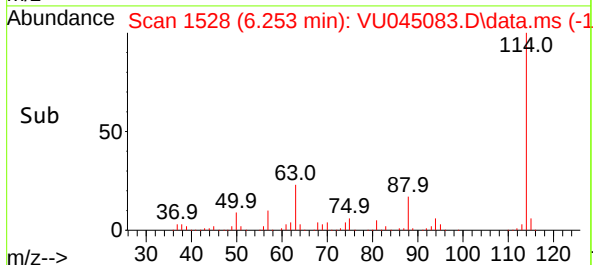
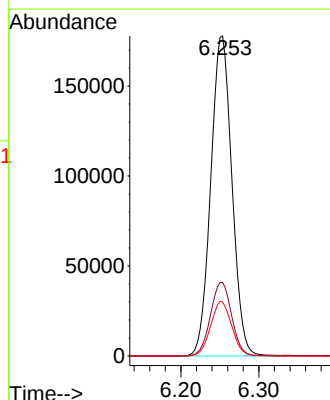
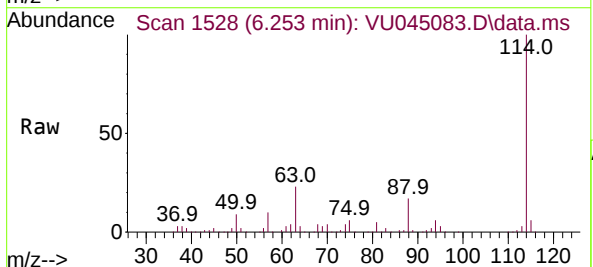
Tgt Ion: 65 Resp: 152864
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

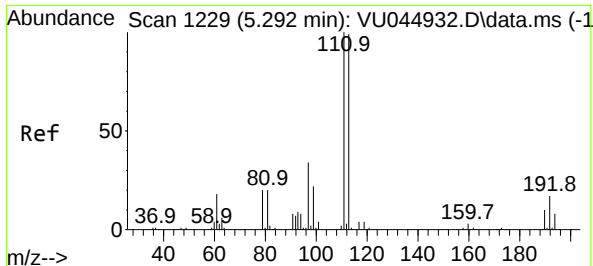


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Tgt Ion: 114 Resp: 335527
Ion Ratio Lower Upper
114 100
63 23.0 0.0 47.8
88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.864 ug/l

RT: 5.292 min Scan# 1229

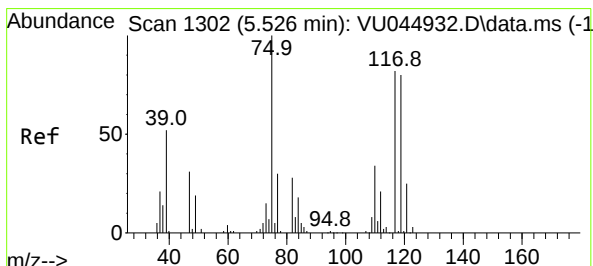
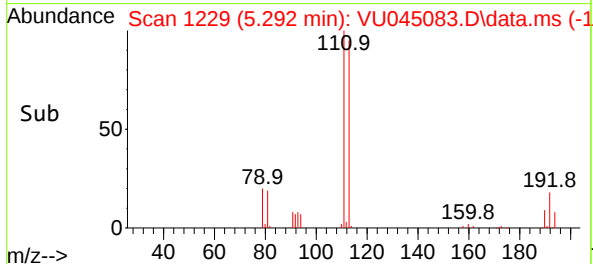
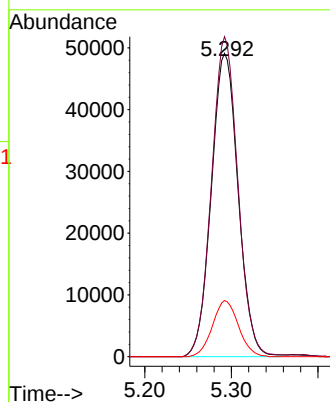
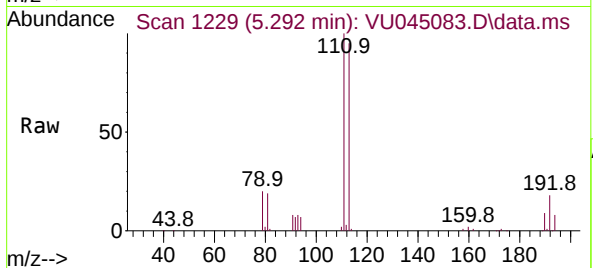
Delta R.T. -0.000 min

Lab File: VU045083.D

Acq: 01 Oct 2021 19:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	113	Resp:	105542
Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.1	126.1
192	18.0	14.8	22.2



#36

1,1-Dichloropropene

Concen: 4.937 ug/l

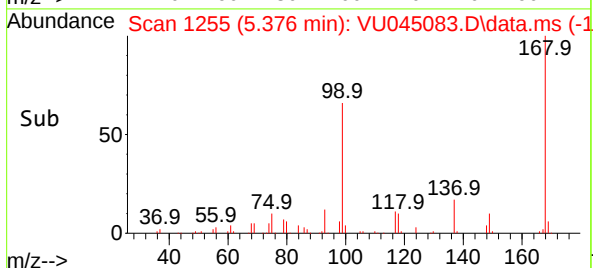
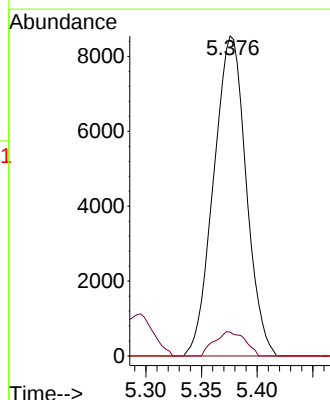
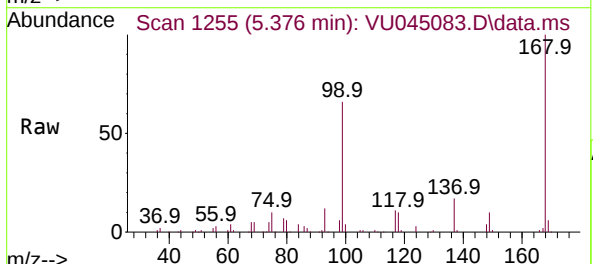
RT: 5.376 min Scan# 1255

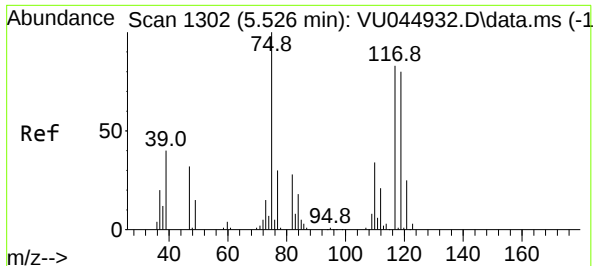
Delta R.T. -0.150 min

Lab File: VU045083.D

Acq: 01 Oct 2021 19:09

Tgt Ion:	75	Resp:	17324
Ion	Ratio	Lower	Upper
75	100		
110	7.1	16.3	48.9#
77	0.0	25.0	37.4#

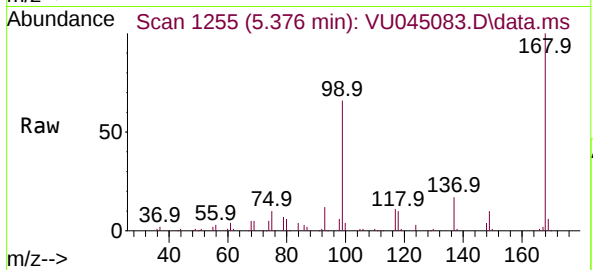




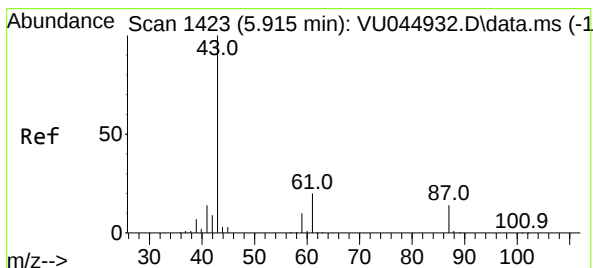
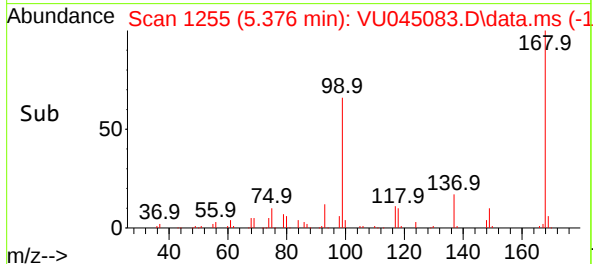
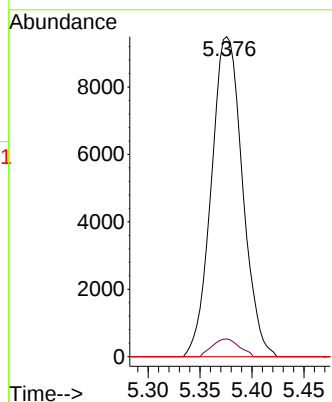
#38

Carbon Tetrachloride
Concen: 6.522 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. -0.150 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Instrument :
MSVOA_U
ClientSampleId :

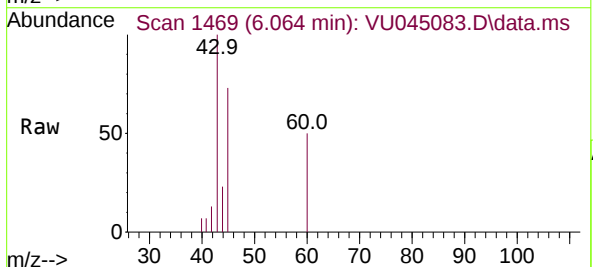


Tgt Ion:	117	Resp:	19803
Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.4	116.2#
121	0.0	24.5	36.7#

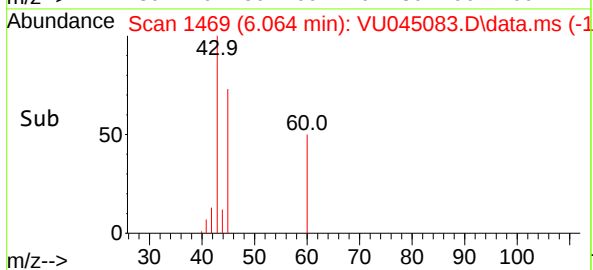
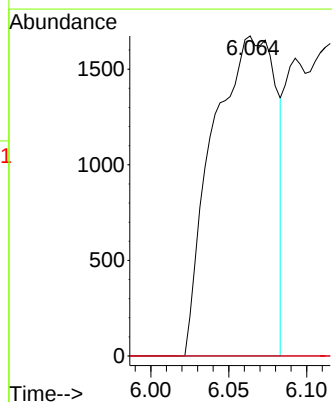


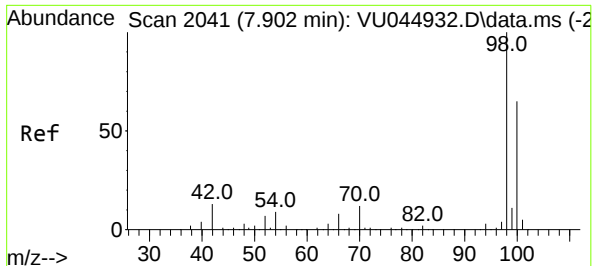
#43

Isopropyl Acetate
Concen: 0.674 ug/l
RT: 6.064 min Scan# 1469
Delta R.T. 0.149 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09



Tgt Ion:	43	Resp:	4707
Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.1	24.1#
87	0.0	10.3	15.5#

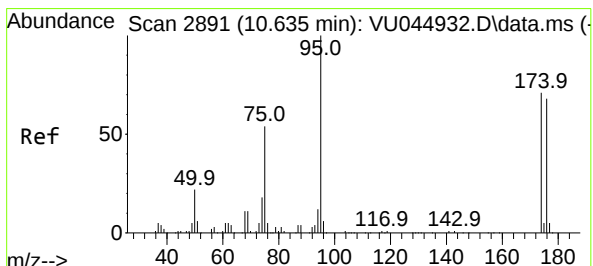
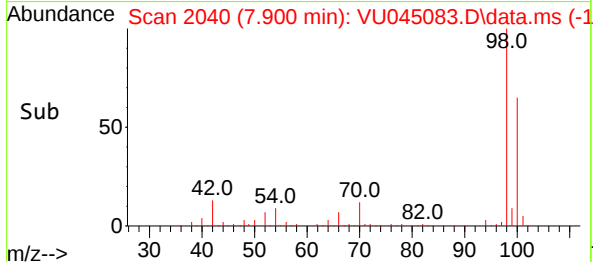
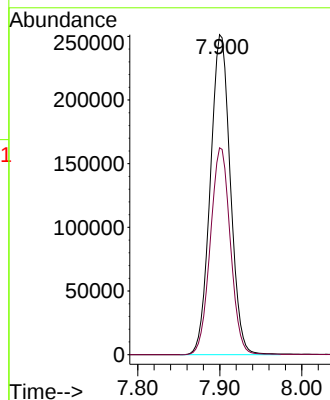
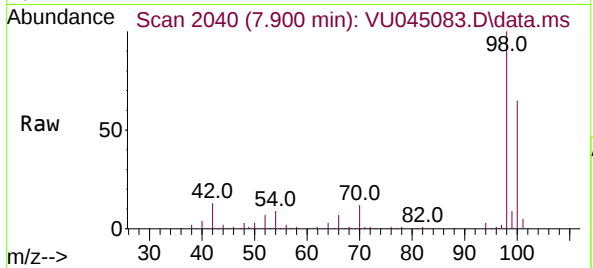




#50
Toluene-d8
Concen: 50.967 ug/l
RT: 7.900 min Scan# 2040
Delta R.T. -0.002 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

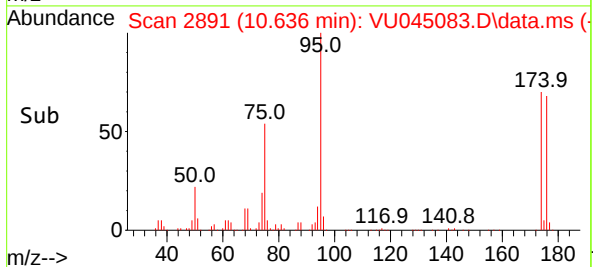
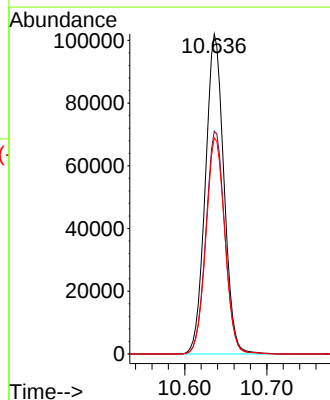
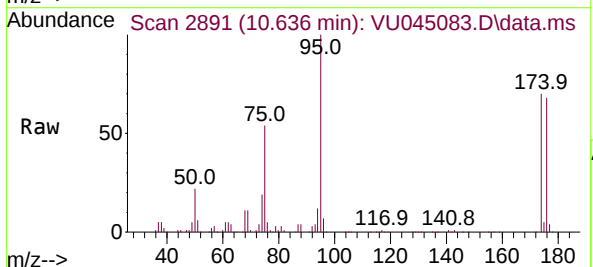
Instrument :
MSVOA_U
ClientSampled :

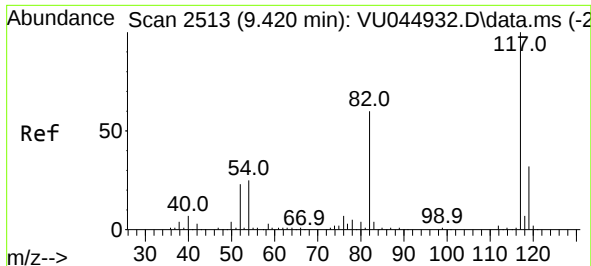
Tgt Ion: 98 Resp: 426242
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.312 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Tgt Ion: 95 Resp: 159904
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.6
176 68.9 0.0 141.2

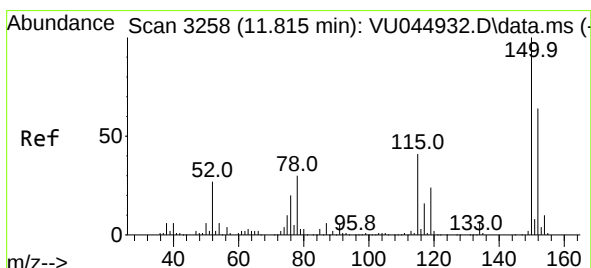
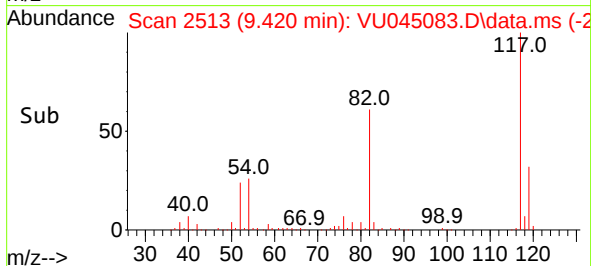
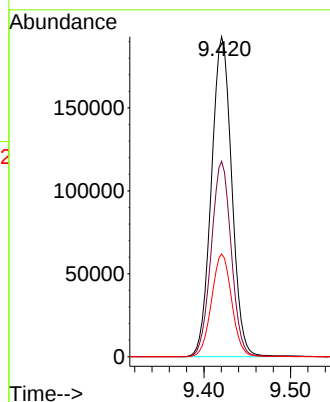
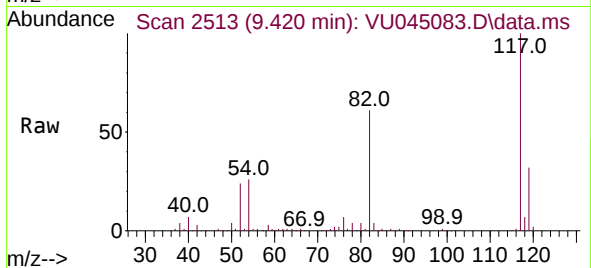




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

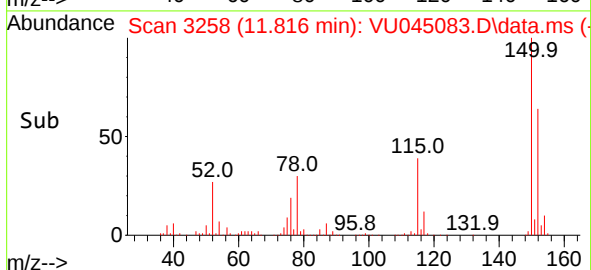
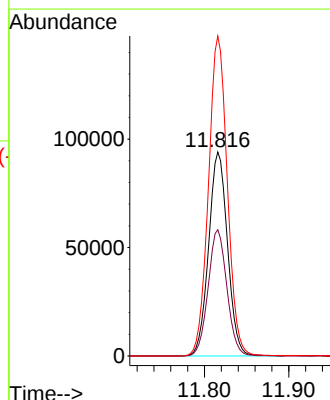
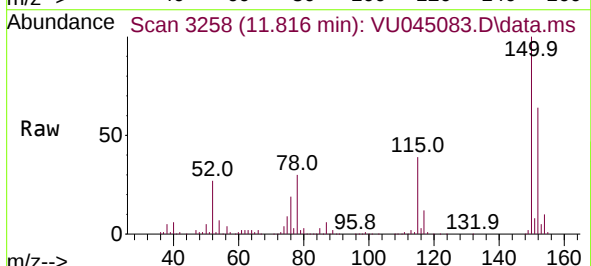
Instrument :
MSVOA_U
ClientSampled :

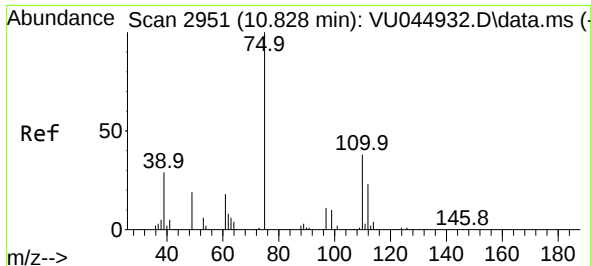
Tgt Ion:117 Resp: 314751
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Tgt Ion:152 Resp: 146760
Ion Ratio Lower Upper
152 100
115 61.5 43.5 130.7
150 156.4 0.0 350.0

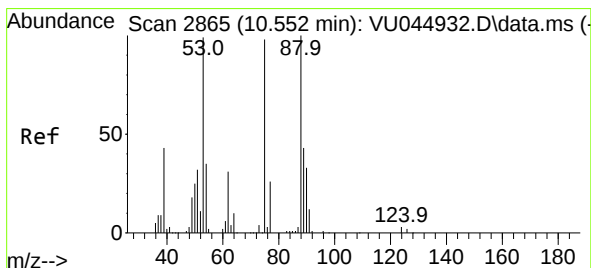
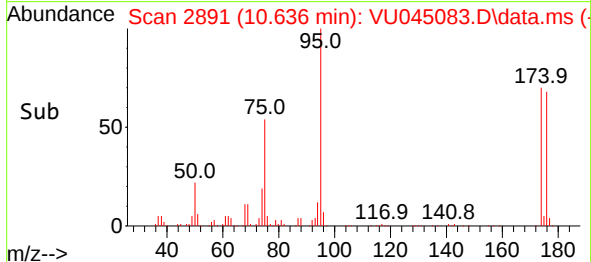
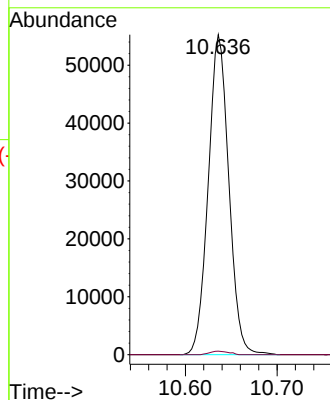
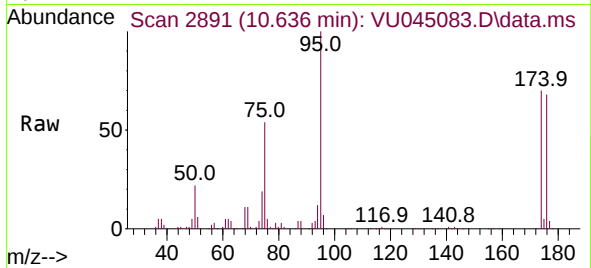




#76
1,2,3-Trichloropropane
Concen: 20.107 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 86073
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.801 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU045083.D
Acq: 01 Oct 2021 19:09

Tgt Ion: 75 Resp: 86073
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

