

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045080.D
 Acq On : 01 Oct 2021 17:59
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 02 03:13:15 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)

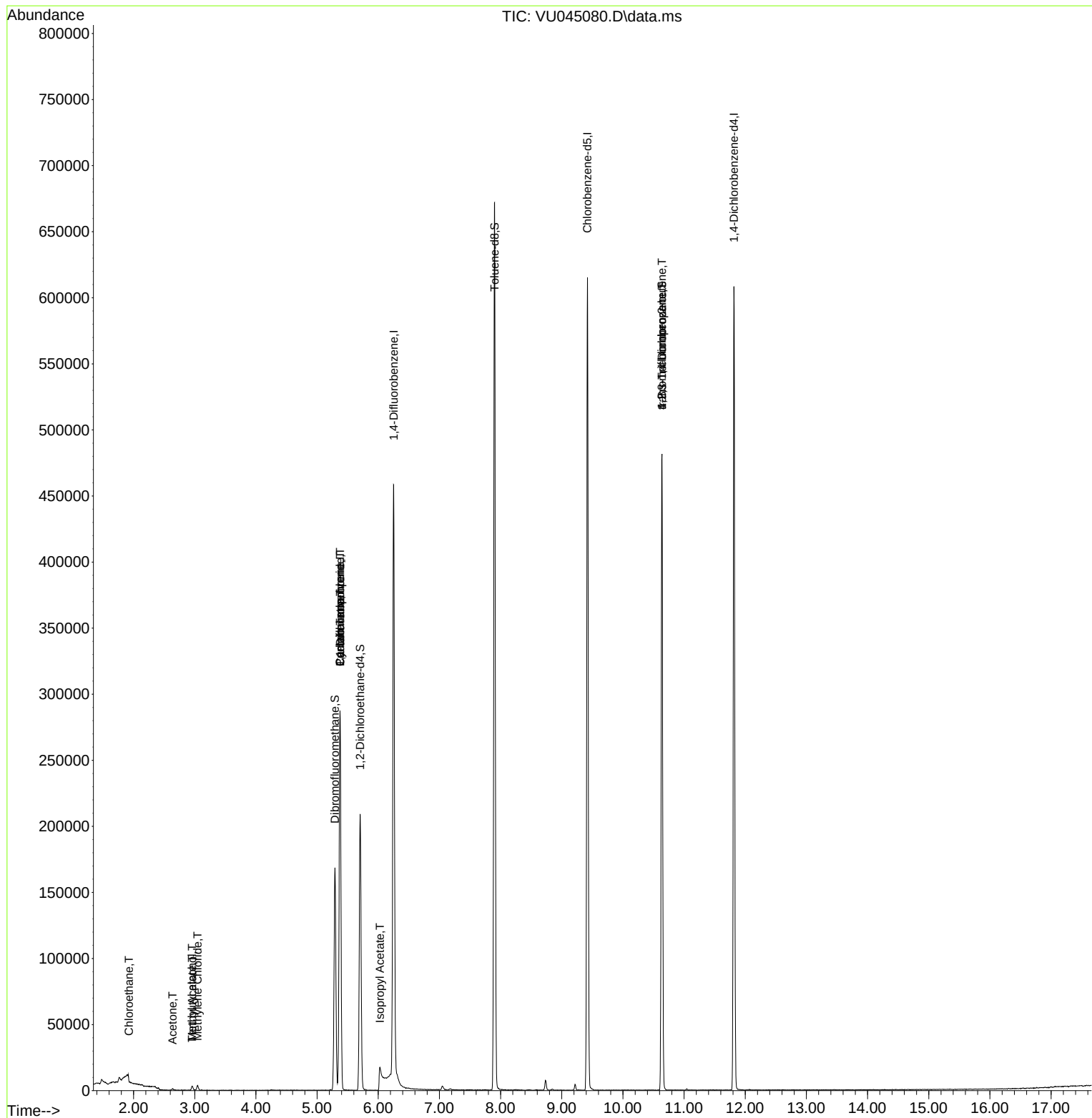
Internal Standards						
1) Pentafluorobenzene	5.375	168	186571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	345257	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	323211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	146524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	157500	50.713	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.420%
35) Dibromofluoromethane	5.292	113	107530	49.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	7.902	98	432954	50.311	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.620%
62) 4-Bromofluorobenzene	10.639	95	163110	45.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.820%
Target Compounds						
					Qvalue	
6) Chloroethane	1.922	64	923	0.402	ug/l #	67
11) Tert butyl alcohol	2.954	59	267	0.300	ug/l #	72
16) Acetone	2.639	43	1305	0.708	ug/l	97
18) Methyl Acetate	2.957	43	4478	0.831	ug/l	93
20) Methylene Chloride	3.047	84	1661	0.598	ug/l #	89
31) Cyclohexane	5.375	56	4966	1.053	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	17676	4.896	ug/l #	49
38) Carbon Tetrachloride	5.375	117	20411	6.533	ug/l #	15
43) Isopropyl Acetate	6.028	43	17621	2.452	ug/l #	61
76) 1,2,3-Trichloropropane	10.639	75	88469	20.700	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.639	75	88469	57.446	ug/l #	9

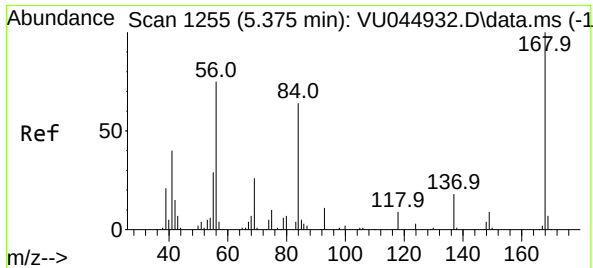
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 02 03:13:15 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

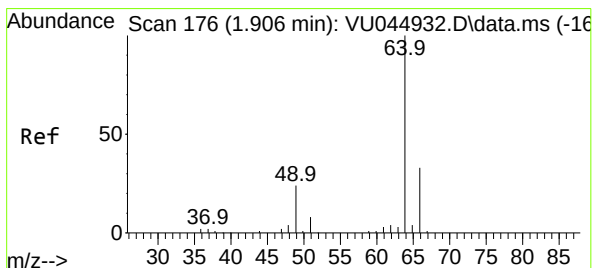
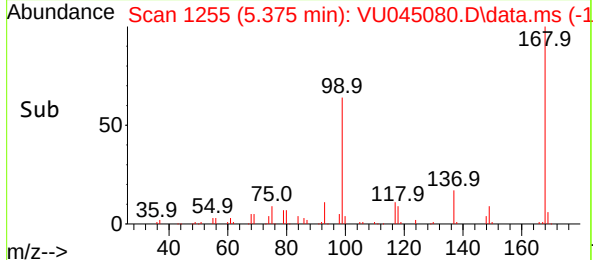
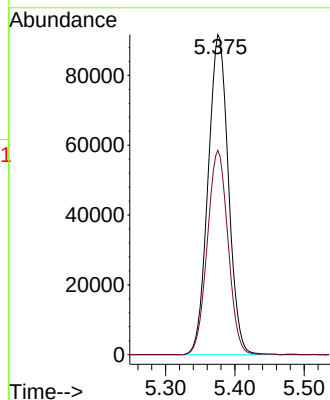
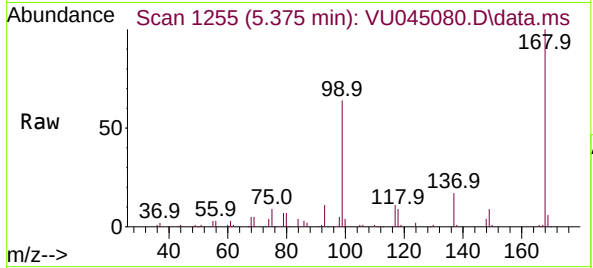




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

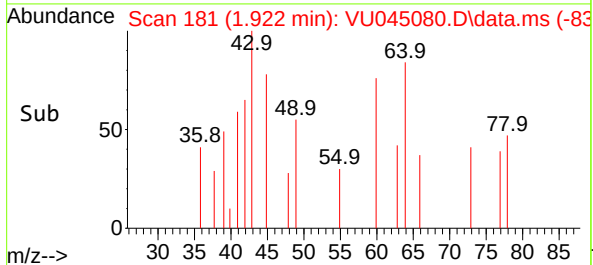
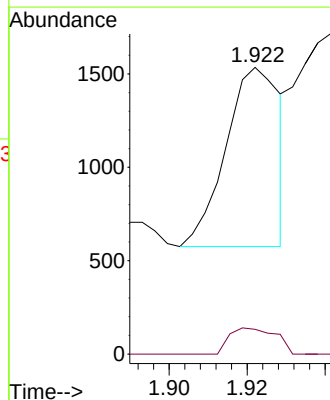
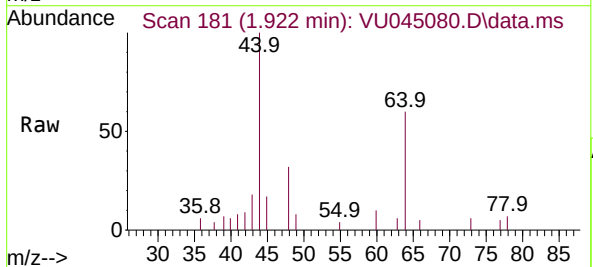
Instrument :
MSVOA_U
ClientSampled :

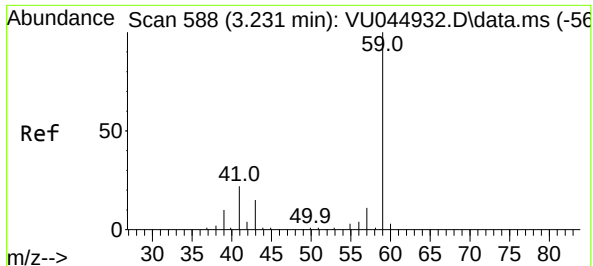
Tgt Ion:168 Resp: 186571
Ion Ratio Lower Upper
168 100
99 63.9 51.4 77.0



#6
Chloroethane
Concen: 0.402 ug/l
RT: 1.922 min Scan# 181
Delta R.T. 0.016 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

Tgt Ion: 64 Resp: 923
Ion Ratio Lower Upper
64 100
66 13.7 25.8 38.8#



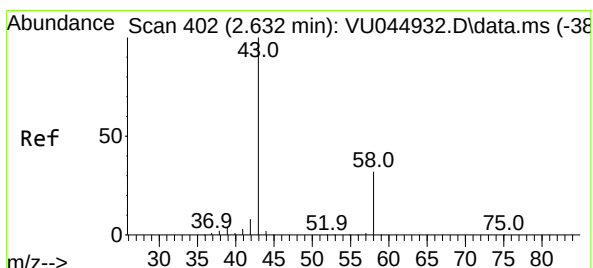
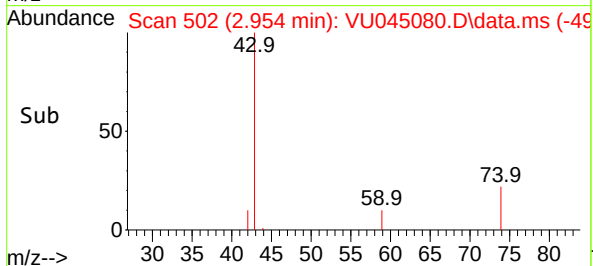
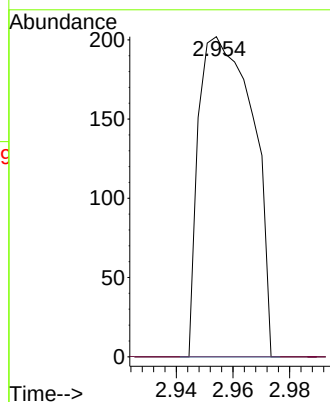
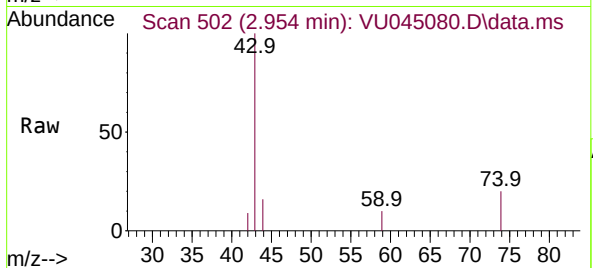


#11

Tert butyl alcohol
Concen: 0.300 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.277 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

Instrument :
MSVOA_U
ClientSampled :

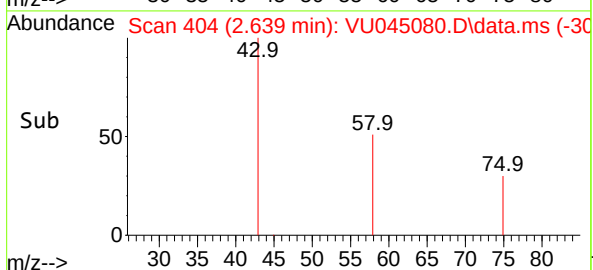
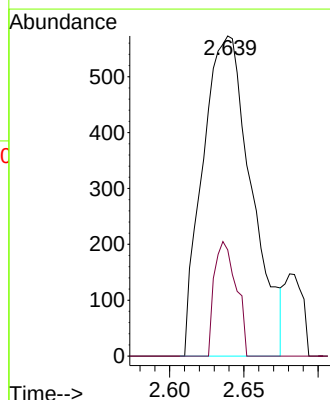
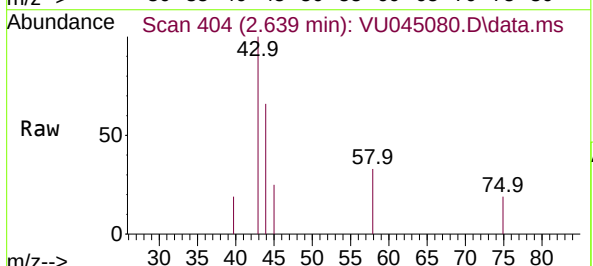
Tgt Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

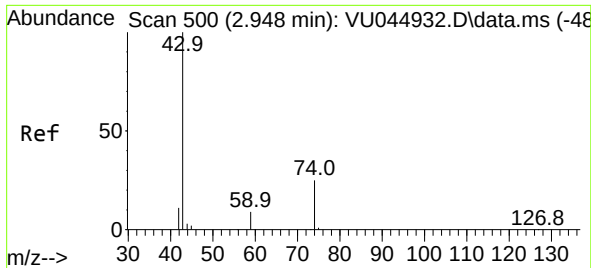


#16

Acetone
Concen: 0.708 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.007 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

Tgt Ion: 43 Resp: 1305
Ion Ratio Lower Upper
43 100
58 33.2 25.2 37.8

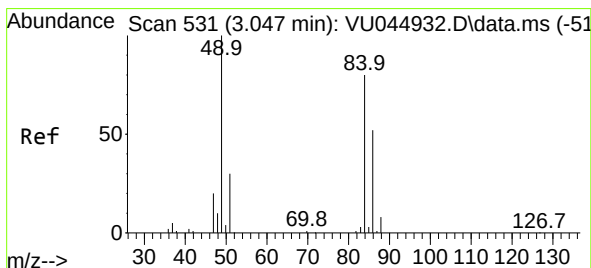
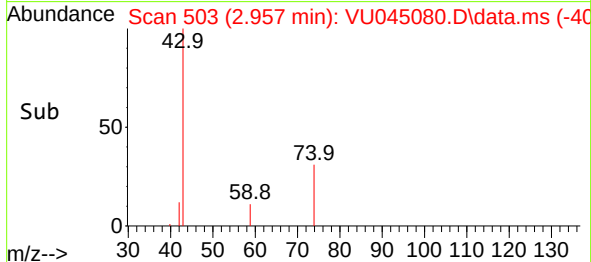
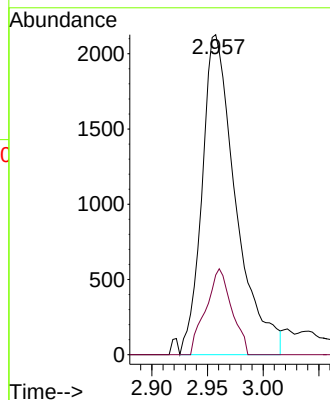
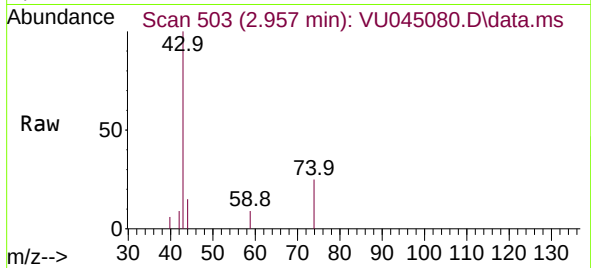




#18
Methyl Acetate
Concen: 0.831 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

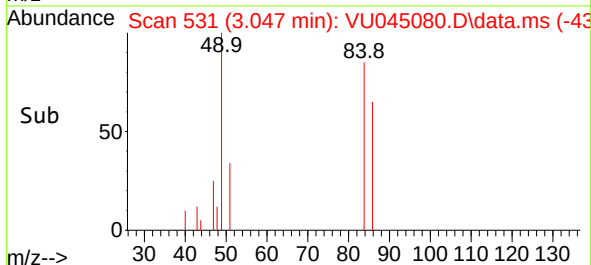
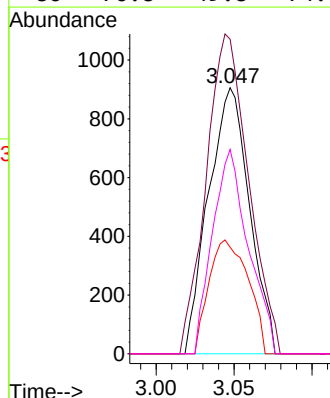
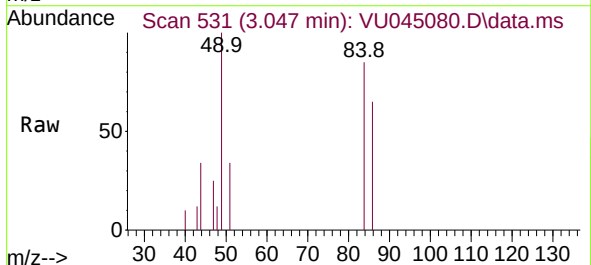
Instrument :
MSVOA_U
ClientSampleId :

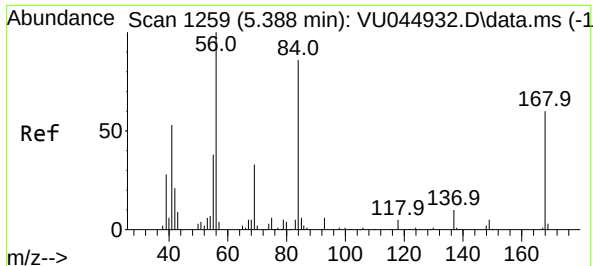
Tgt Ion: 43 Resp: 4478
Ion Ratio Lower Upper
43 100
74 20.5 19.0 28.6



#20
Methylene Chloride
Concen: 0.598 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

Tgt Ion: 84 Resp: 1661
Ion Ratio Lower Upper
84 100
49 118.2 104.9 157.3
51 40.1 31.8 47.8
86 76.8 49.8 74.6#

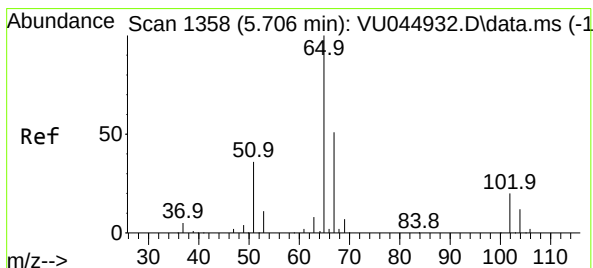
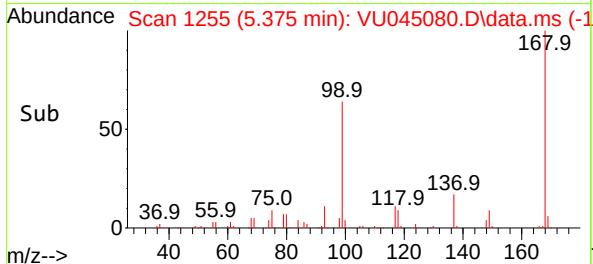
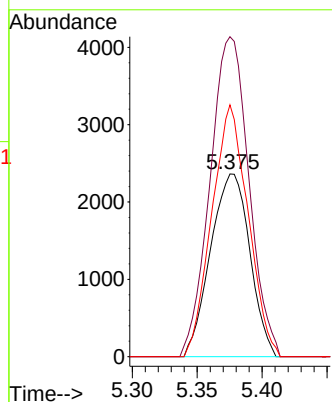
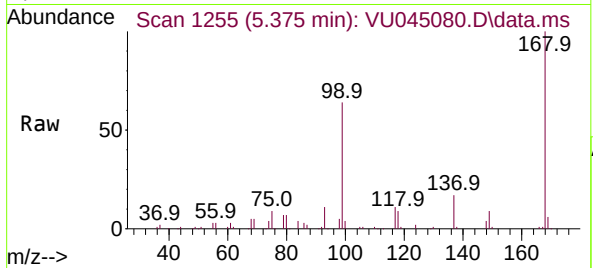




#31
Cyclohexane
Concen: 1.053 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.013 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

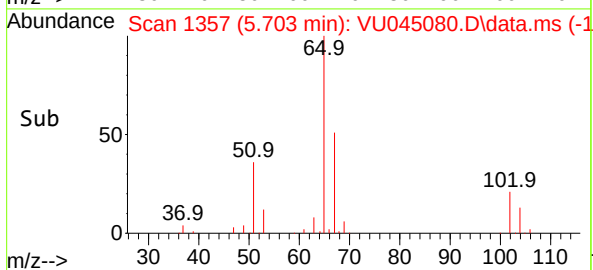
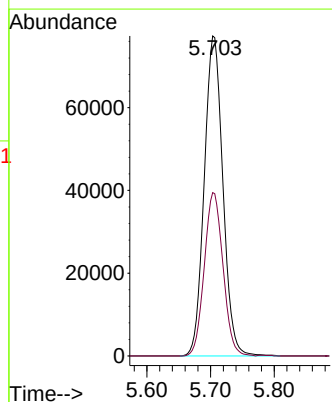
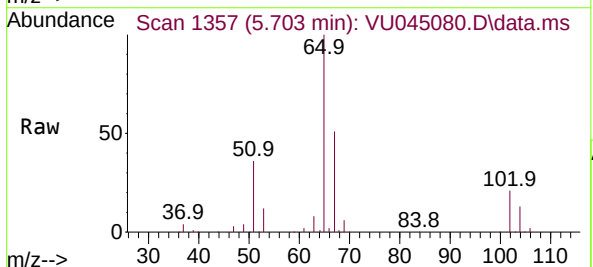
Instrument :
MSVOA_U
ClientSampleId :

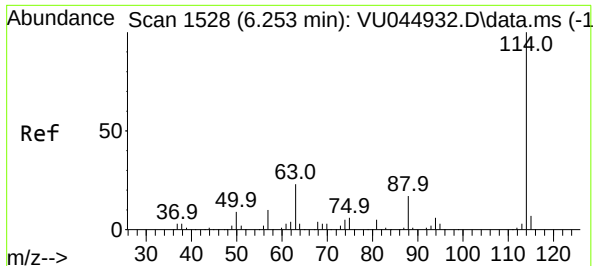
Tgt Ion: 56 Resp: 4966
Ion Ratio Lower Upper
56 100
69 175.1 25.2 37.8#
84 137.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 50.713 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

Tgt Ion: 65 Resp: 157500
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

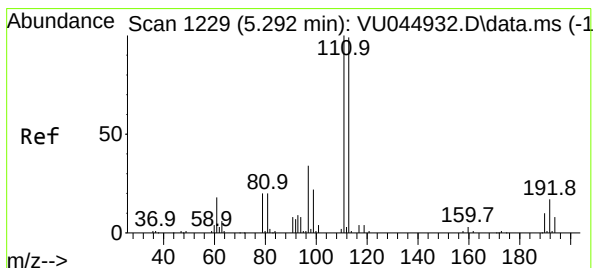
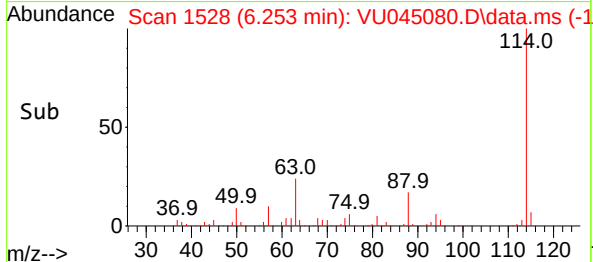
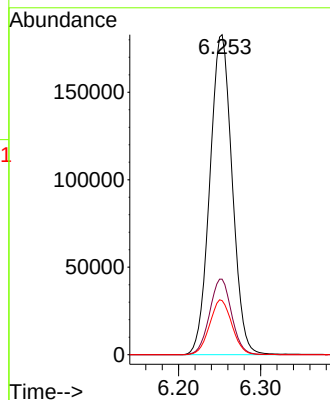
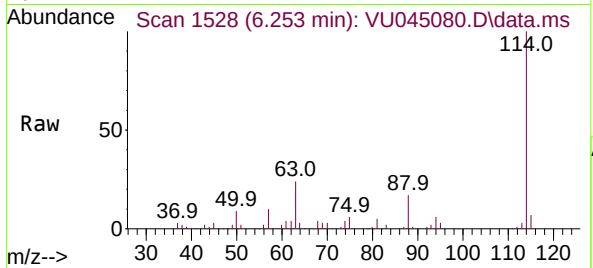




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

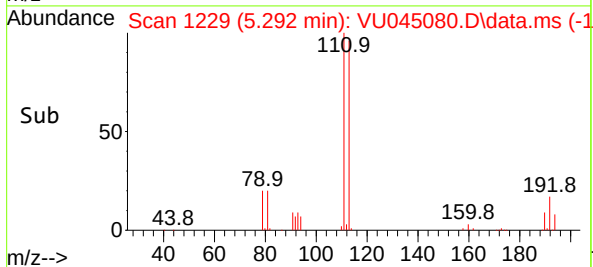
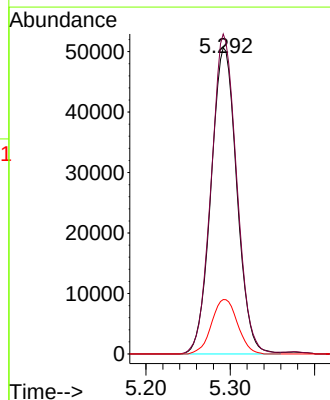
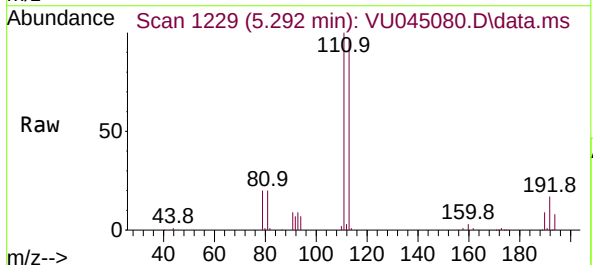
Instrument :
MSVOA_U
ClientSampleId :

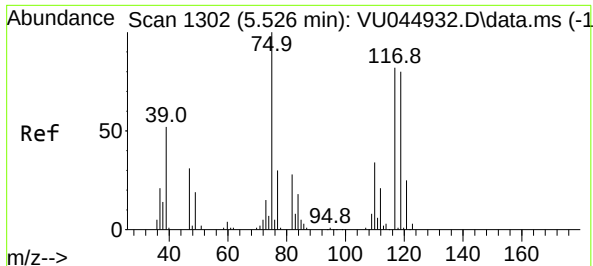
Tgt Ion:114 Resp: 345257
Ion Ratio Lower Upper
114 100
63 23.6 0.0 47.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

Tgt Ion:113 Resp: 107530
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: 4.896 ug/l

RT: 5.375 min Scan# 1255

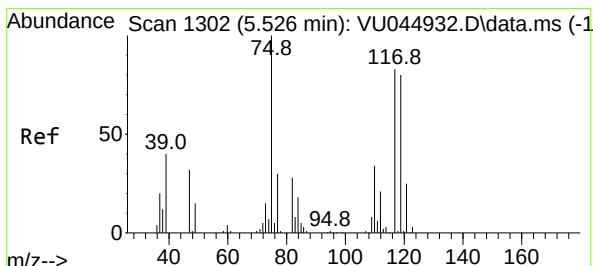
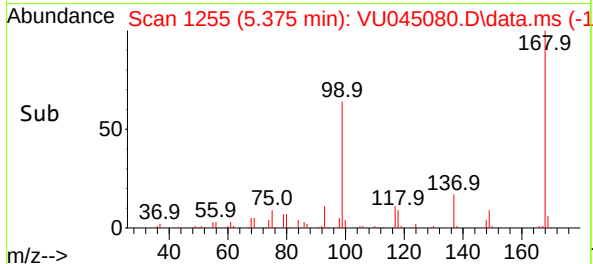
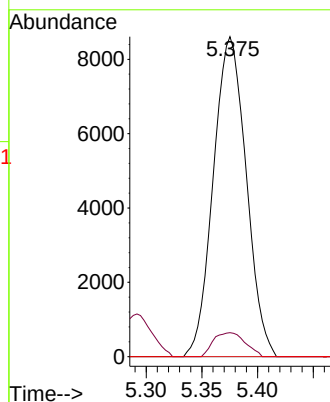
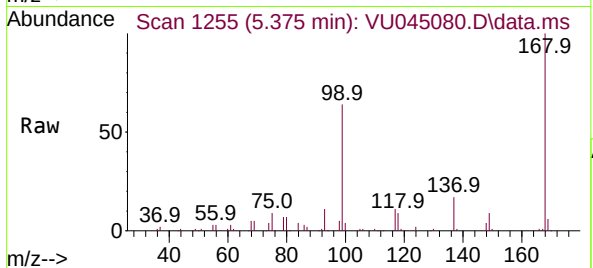
Delta R.T. -0.151 min

Lab File: VU045080.D

Acq: 01 Oct 2021 17:59

Tgt Ion:	75	Resp:	17676
Ion	Ratio	Lower	Upper
75	100		
110	7.3	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.533 ug/l

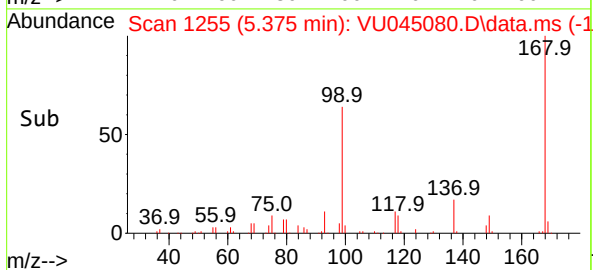
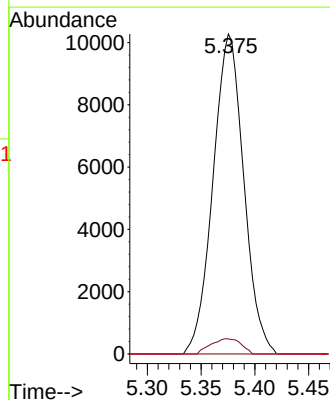
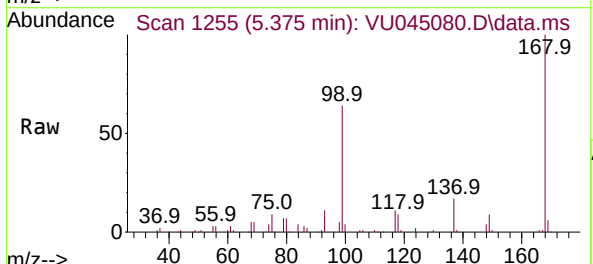
RT: 5.375 min Scan# 1255

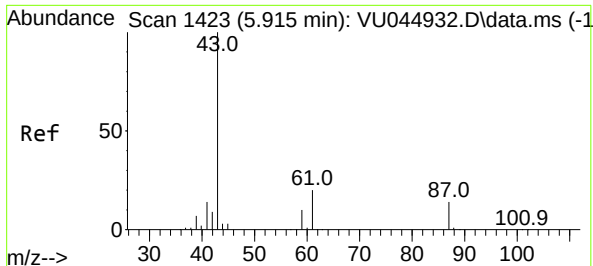
Delta R.T. -0.151 min

Lab File: VU045080.D

Acq: 01 Oct 2021 17:59

Tgt Ion:	117	Resp:	20411
Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.4	116.2#
121	0.0	24.5	36.7#

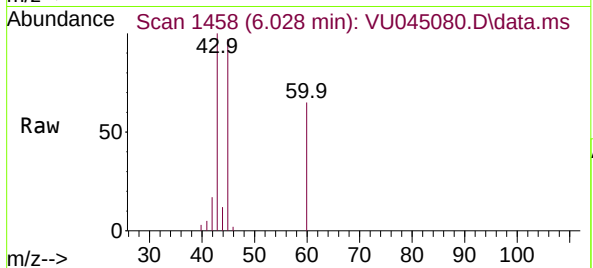




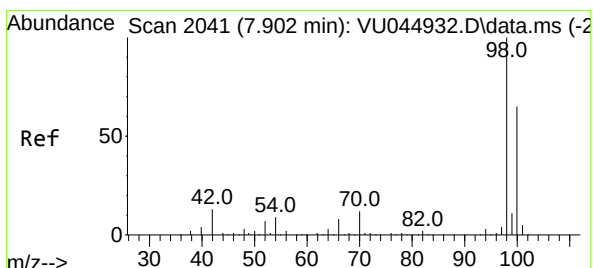
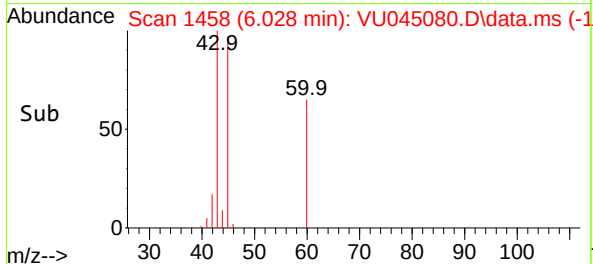
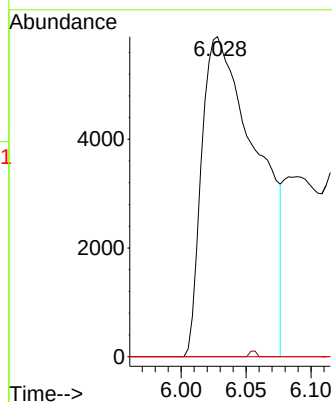
#43

Isopropyl Acetate
 Concen: 2.452 ug/l
 RT: 6.028 min Scan# 1458
 Delta R.T. 0.113 min
 Lab File: VU045080.D
 Acq: 01 Oct 2021 17:59

Instrument :
 MSVOA_U
 ClientSampled :



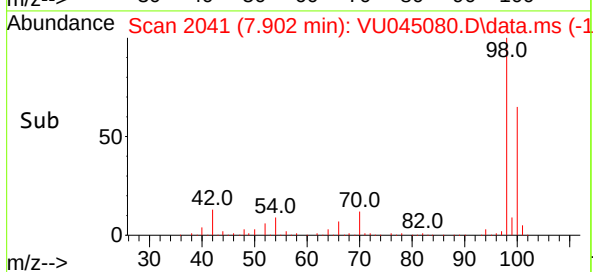
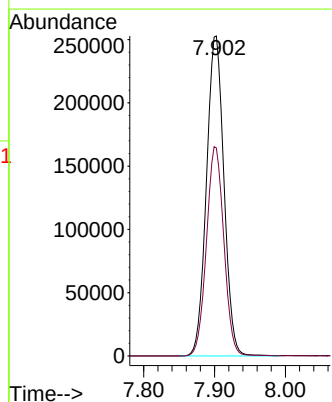
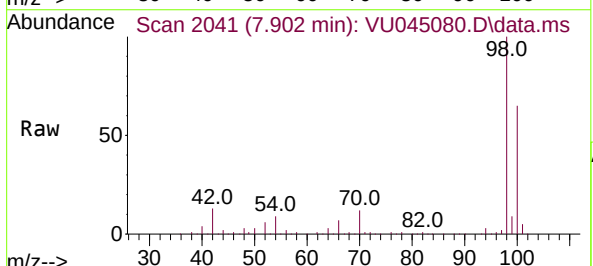
Tgt Ion:	43	Resp:	17621
Ion Ratio	Lower	Upper	
43	100		
61	0.0	16.1	24.1#
87	0.0	10.3	15.5#

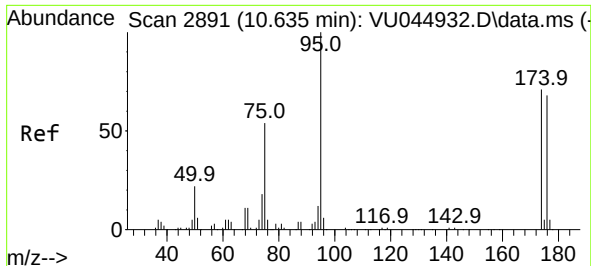


#50

Toluene-d8
 Concen: 50.311 ug/l
 RT: 7.902 min Scan# 2041
 Delta R.T. 0.000 min
 Lab File: VU045080.D
 Acq: 01 Oct 2021 17:59

Tgt Ion:	98	Resp:	432954
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.5	78.7

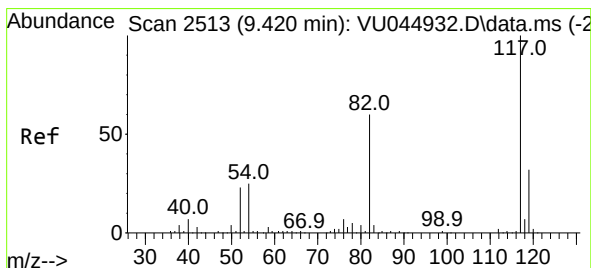
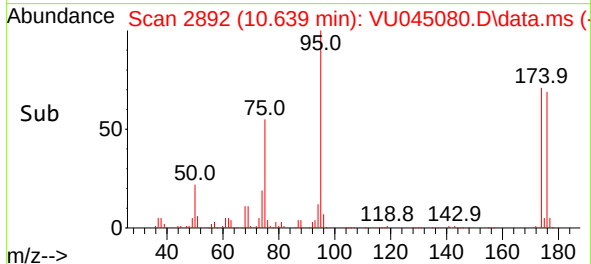
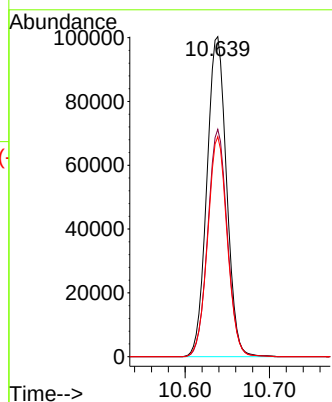
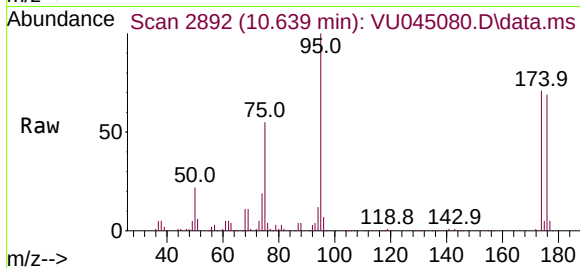




#62
4-Bromofluorobenzene
Concen: 45.909 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

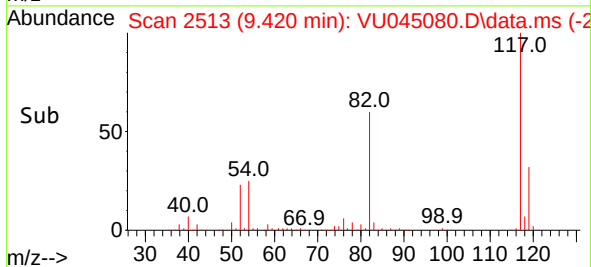
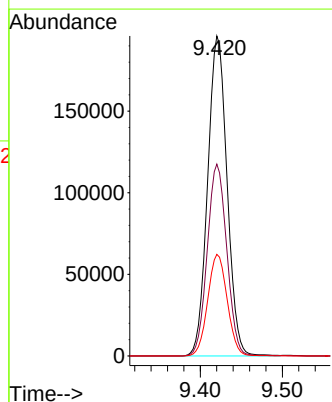
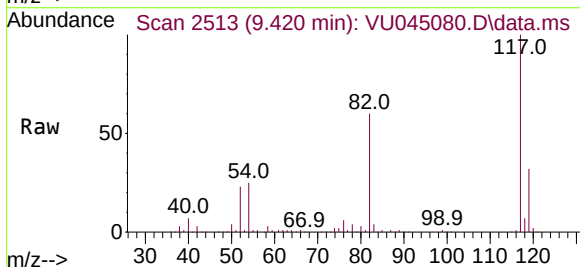
Instrument :
MSVOA_U
ClientSampleId :

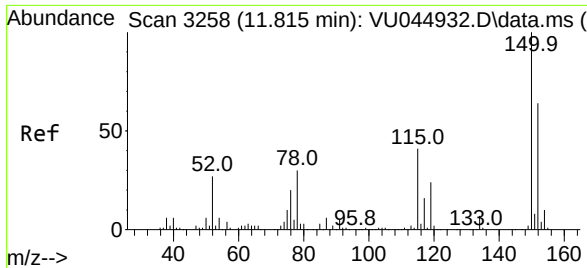
Tgt Ion: 95 Resp: 163110
Ion Ratio Lower Upper
95 100
174 70.5 0.0 146.6
176 68.3 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045080.D
Acq: 01 Oct 2021 17:59

Tgt Ion: 117 Resp: 323211
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.7 25.8 38.6

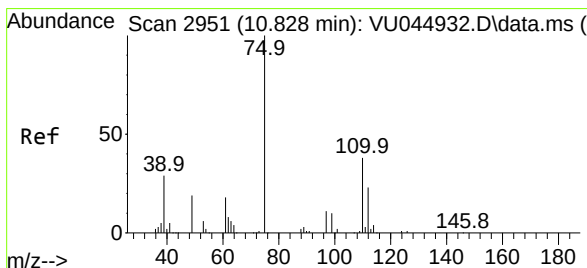
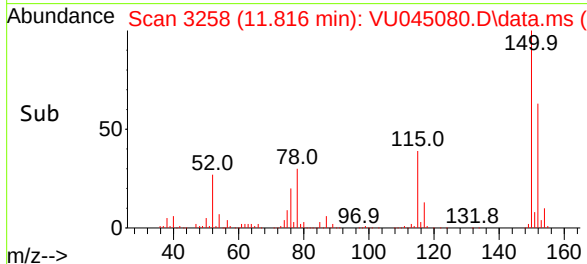
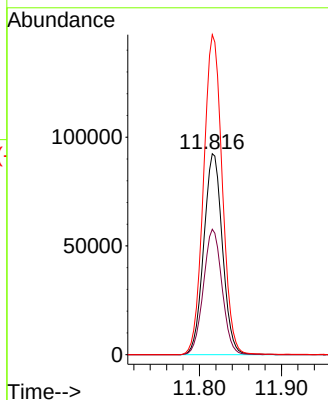
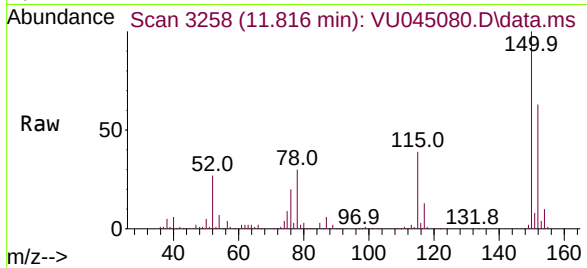




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.001 min
 Lab File: VU045080.D
 Acq: 01 Oct 2021 17:59

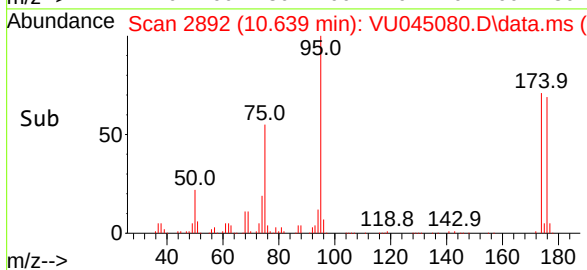
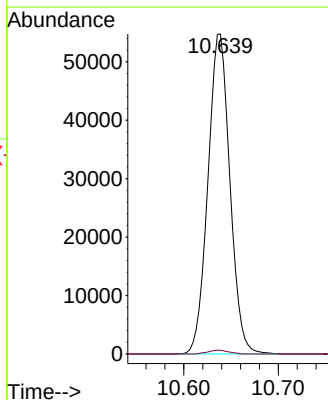
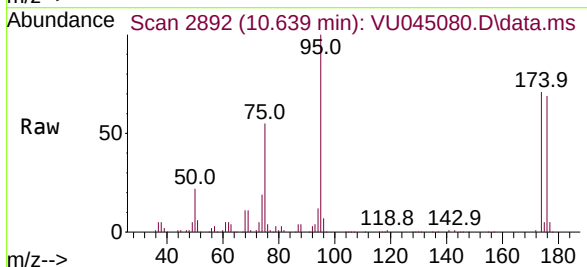
Instrument :
 MSVOA_U
 ClientSampled :

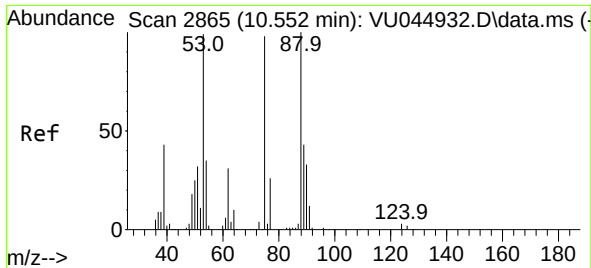
Tgt Ion:152 Resp: 146524
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.5 130.7
 150 159.3 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.700 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.189 min
 Lab File: VU045080.D
 Acq: 01 Oct 2021 17:59

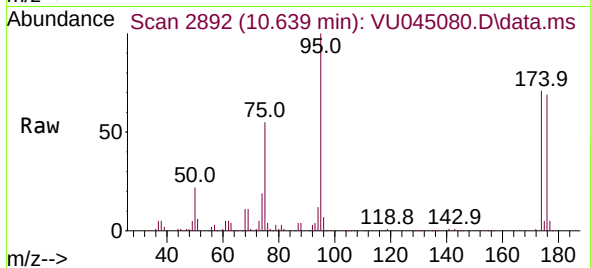
Tgt Ion: 75 Resp: 88469
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.446 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.087 min
 Lab File: VU045080.D
 Acq: 01 Oct 2021 17:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 88469
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

