

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044972.D
 Acq On : 29 Sep 2021 04:06
 Operator : SY/MD
 Sample : M3936-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P-1

Quant Time: Sep 29 05:51:26 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)

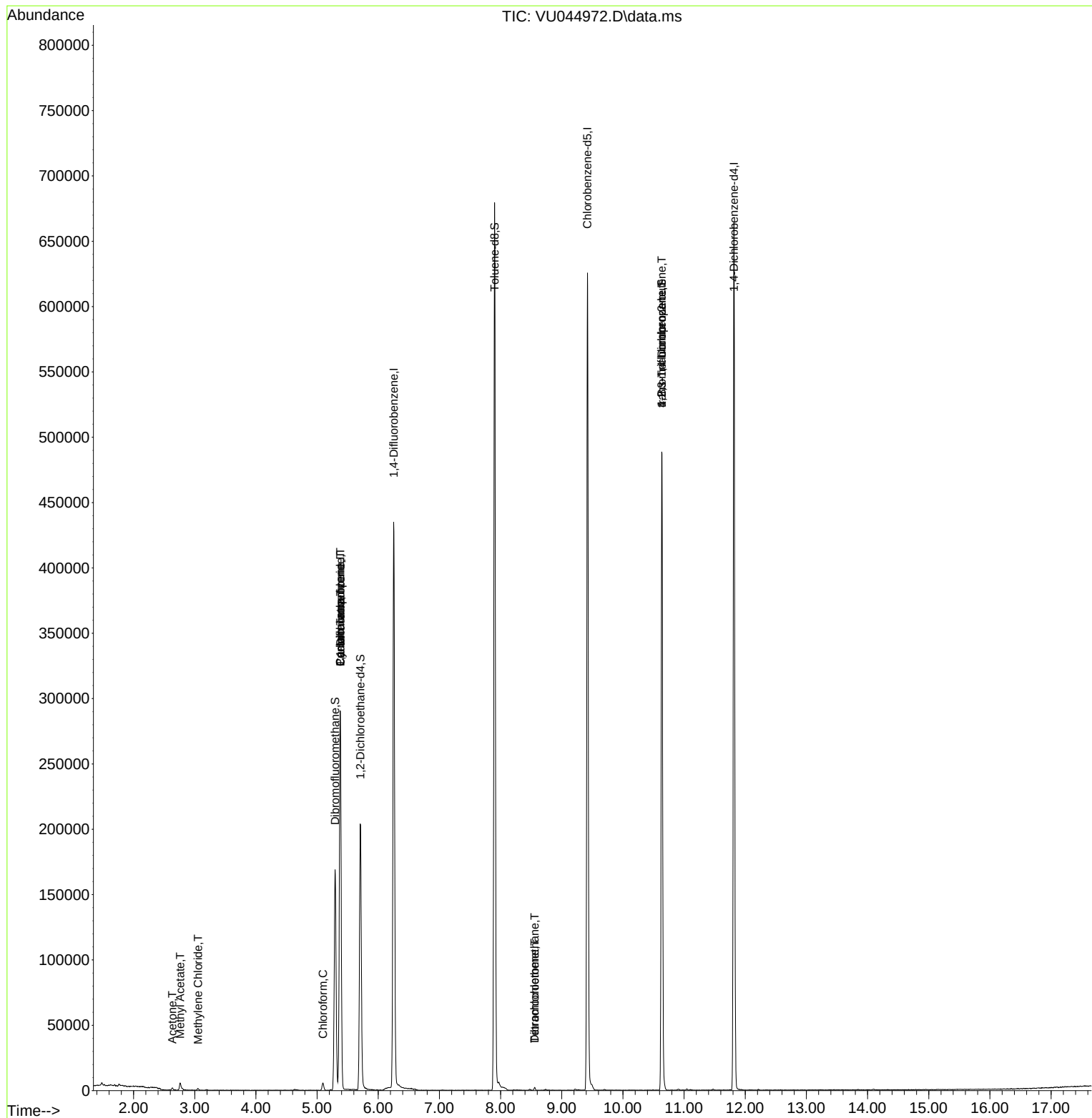
Internal Standards						
1) Pentafluorobenzene	5.378	168	191462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	335719	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	328390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	159745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	157186	49.319	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.640%
35) Dibromofluoromethane	5.295	113	110704	52.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	7.902	98	436960	52.219	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.440%
62) 4-Bromofluorobenzene	10.635	95	163023	47.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.380%
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	2059	1.088	ug/l	94
18) Methyl Acetate	2.761	43	1776	0.321	ug/l #	52
20) Methylene Chloride	3.054	84	629	0.221	ug/l	87
30) Chloroform	5.096	83	4940	0.995	ug/l	100
31) Cyclohexane	5.378	56	4902	1.013	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17834	5.080	ug/l #	50
38) Carbon Tetrachloride	5.378	117	19636	6.464	ug/l #	15
60) Dibromochloromethane	8.555	129	506	2.344	ug/l #	10
64) Tetrachloroethene	8.555	164	498	0.232	ug/l	90
76) 1,2,3-Trichloropropane	10.635	75	88078	18.903	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	88078	52.459	ug/l #	9

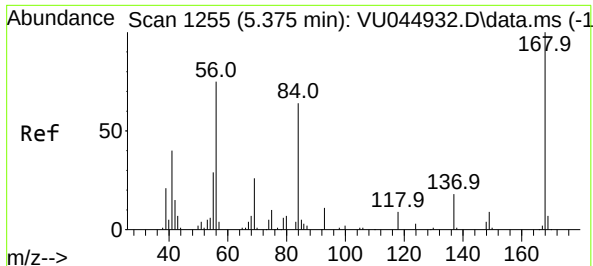
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
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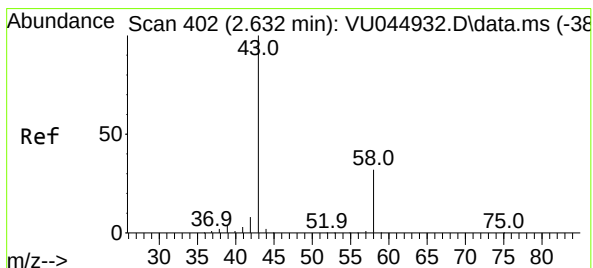
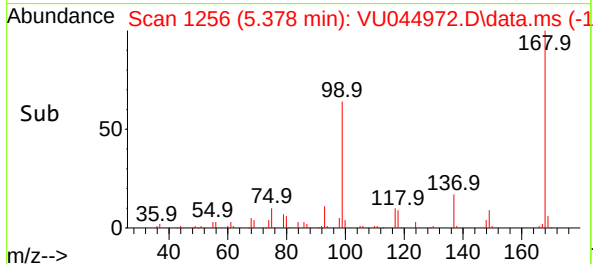
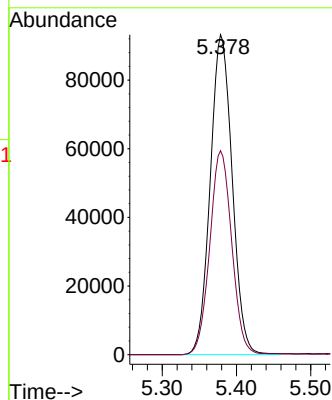
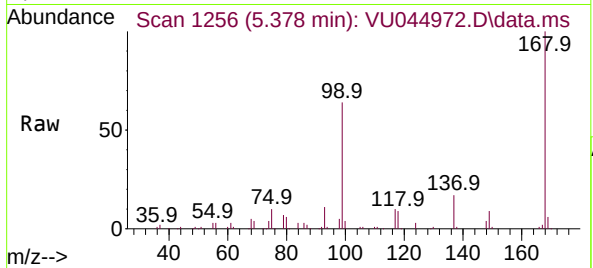




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1255
Delta R.T. 0.003 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

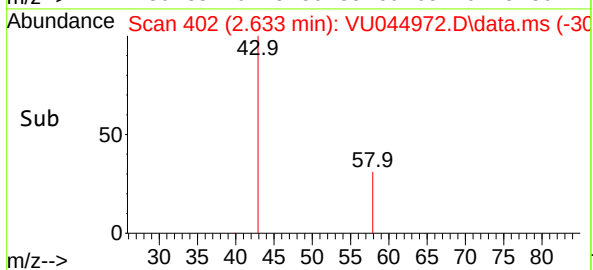
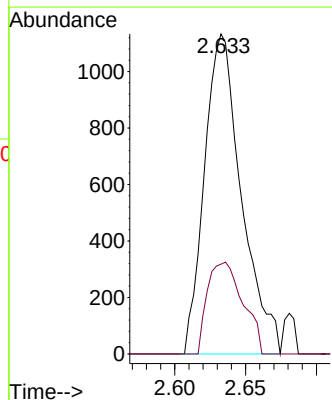
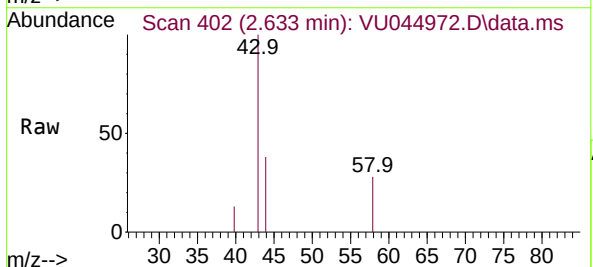
Instrument :
MSVOA_U
ClientSampleId :
P-1

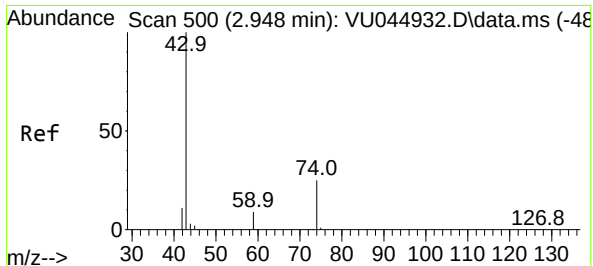
Tgt Ion:168 Resp: 191462
Ion Ratio Lower Upper
168 100
99 63.8 51.4 77.0



#16
Acetone
Concen: 1.088 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

Tgt Ion: 43 Resp: 2059
Ion Ratio Lower Upper
43 100
58 28.1 25.2 37.8





#18

Methyl Acetate

Concen: 0.321 ug/l

RT: 2.761 min Scan# 442

Delta R.T. -0.187 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

Instrument :

MSVOA_U

ClientSampleId :

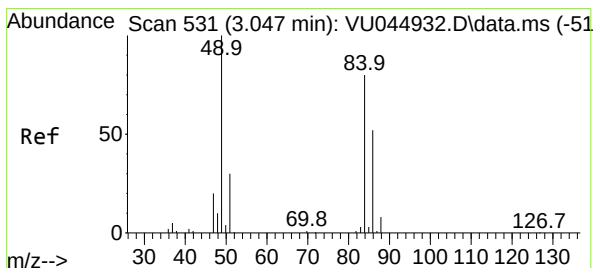
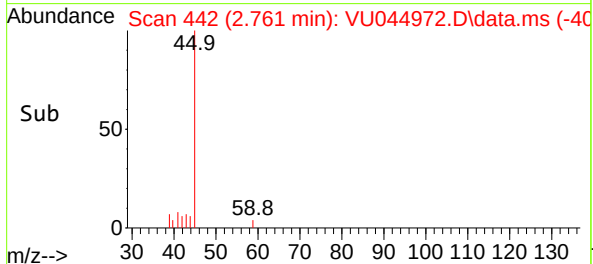
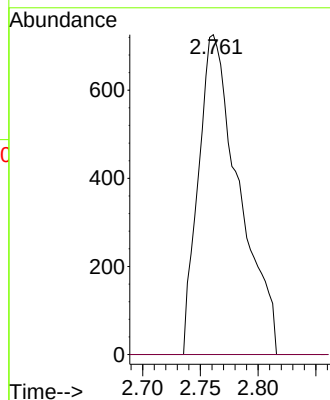
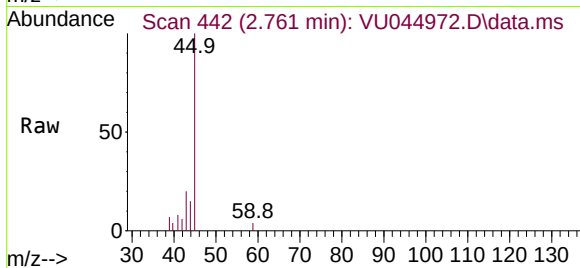
P-1

Tgt Ion: 43 Resp: 1776

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#



#20

Methylene Chloride

Concen: 0.221 ug/l

RT: 3.054 min Scan# 533

Delta R.T. 0.007 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

Tgt Ion: 84 Resp: 629

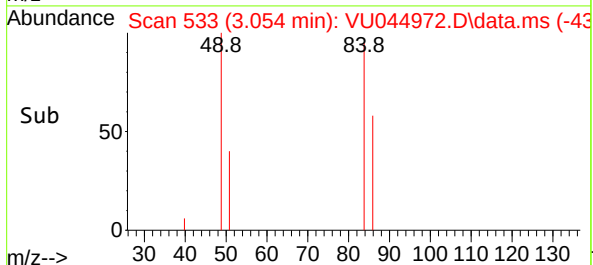
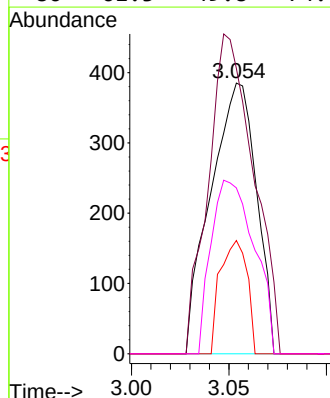
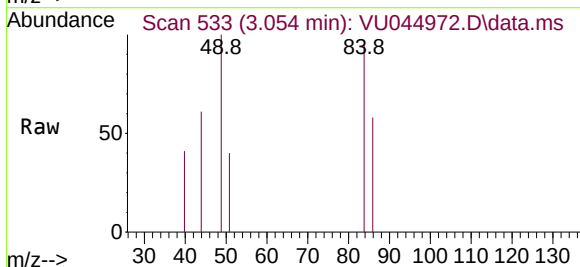
Ion Ratio Lower Upper

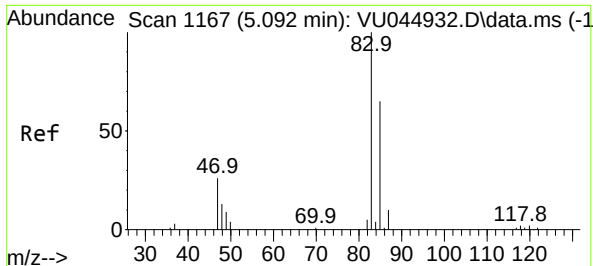
84 100

49 105.5 104.9 157.3

51 41.8 31.8 47.8

86 61.3 49.8 74.6





#30

Chloroform

Concen: 0.995 ug/l

RT: 5.096 min Scan# 1167

Delta R.T. 0.004 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

Instrument :

MSVOA_U

ClientSampleId :

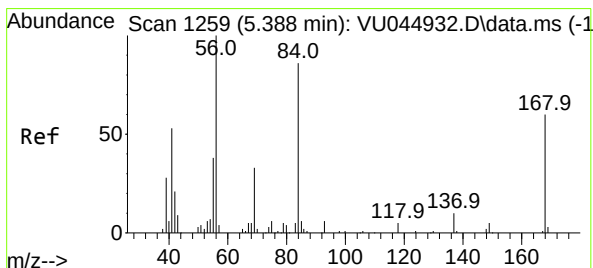
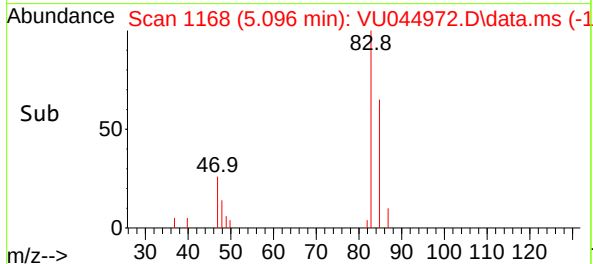
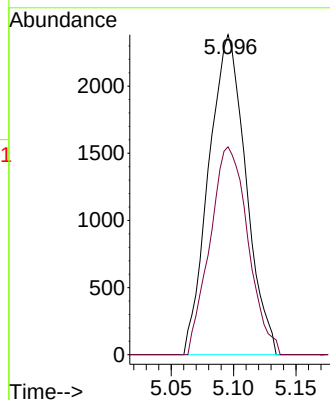
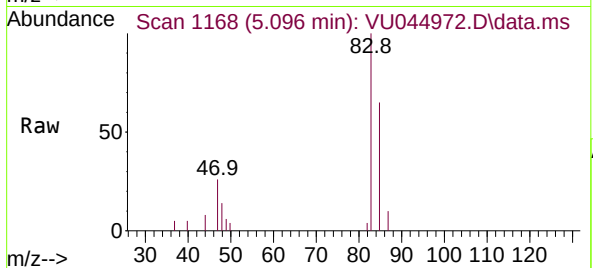
P-1

Tgt Ion: 83 Resp: 4940

Ion Ratio Lower Upper

83 100

85 65.0 52.1 78.1



#31

Cyclohexane

Concen: 1.013 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.010 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

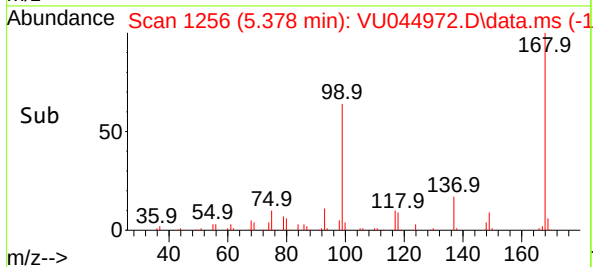
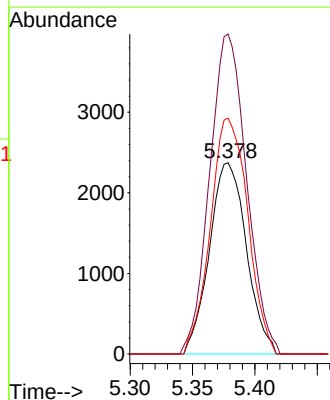
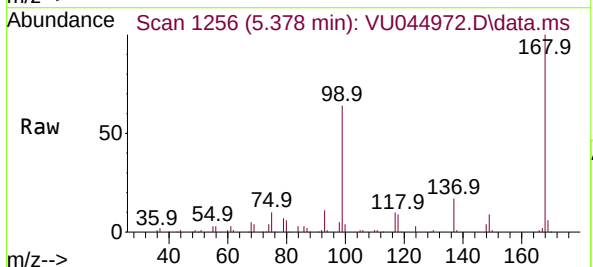
Tgt Ion: 56 Resp: 4902

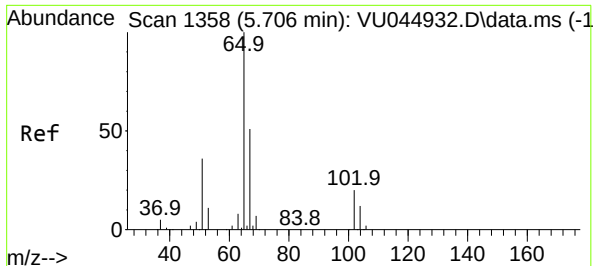
Ion Ratio Lower Upper

56 100

69 167.4 25.2 37.8#

84 123.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 49.319 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

Instrument :

MSVOA_U

ClientSampleId :

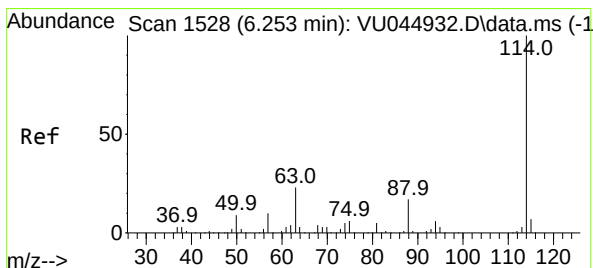
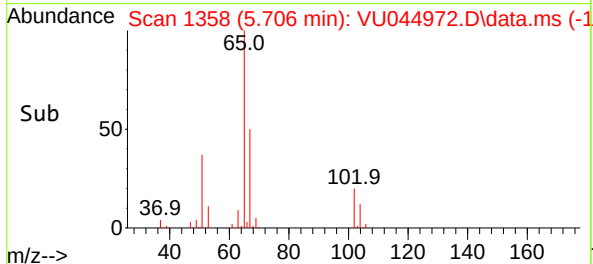
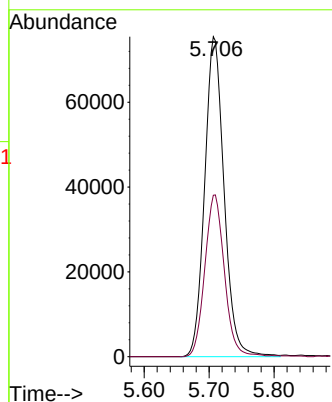
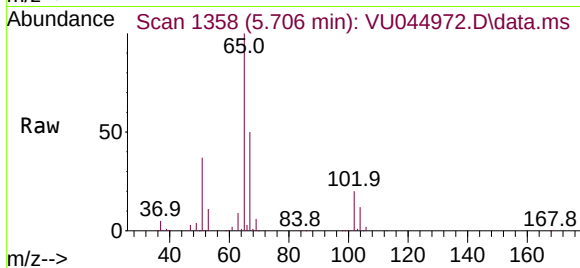
P-1

Tgt Ion: 65 Resp: 157186

Ion Ratio Lower Upper

65 100

67 51.0 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: VU044972.D

Acq: 29 Sep 2021 04:06

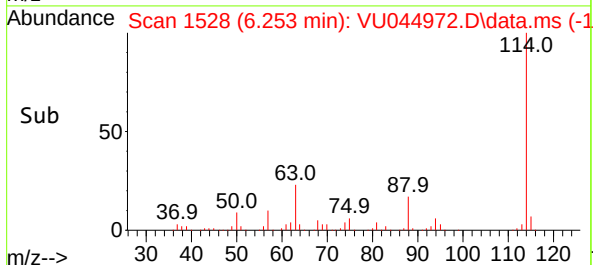
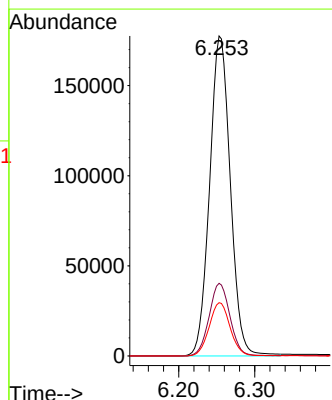
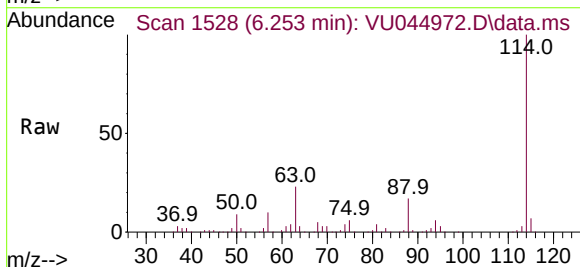
Tgt Ion: 114 Resp: 335719

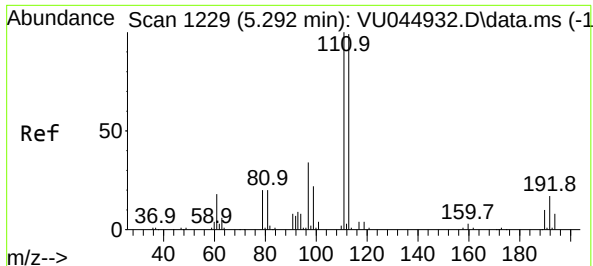
Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.272 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

Instrument :

MSVOA_U

ClientSampleId :

P-1

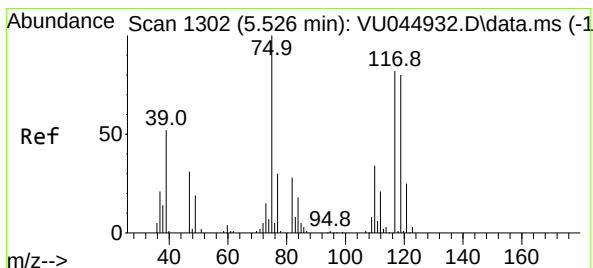
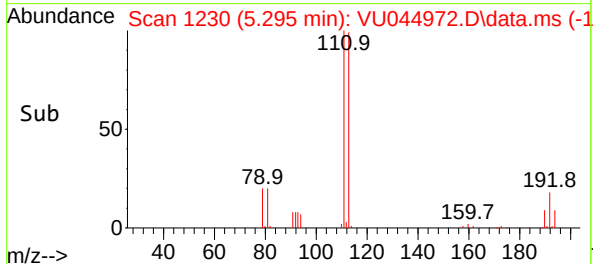
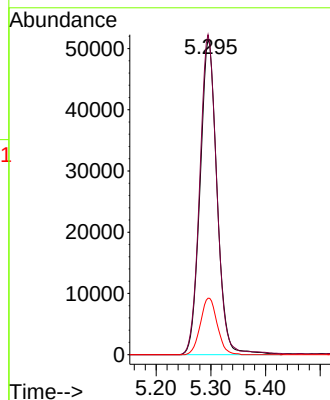
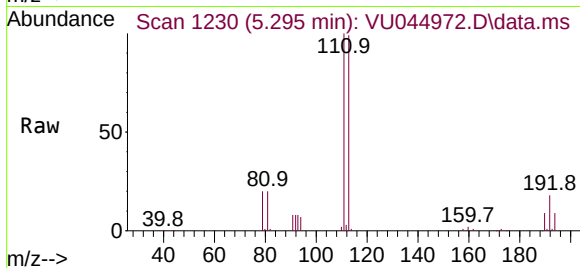
Tgt Ion:113 Resp: 110704

Ion Ratio Lower Upper

113 100

111 102.6 84.1 126.1

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.080 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.148 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

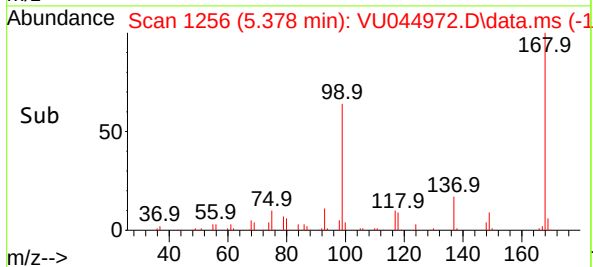
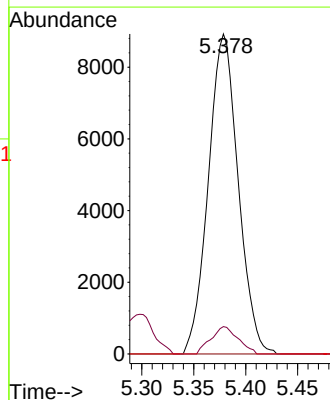
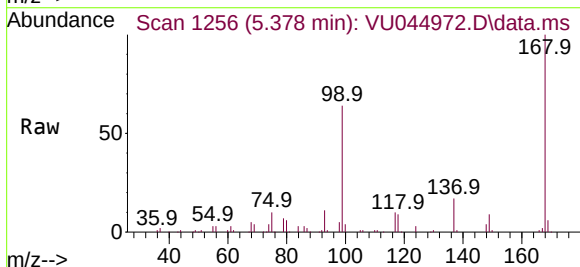
Tgt Ion: 75 Resp: 17834

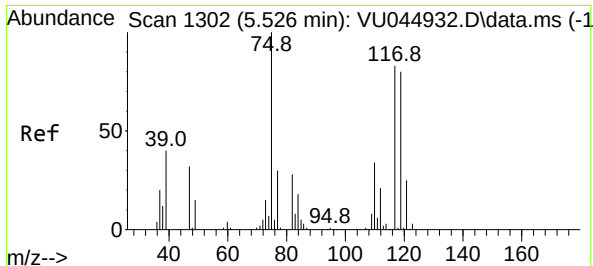
Ion Ratio Lower Upper

75 100

110 7.7 16.3 48.9#

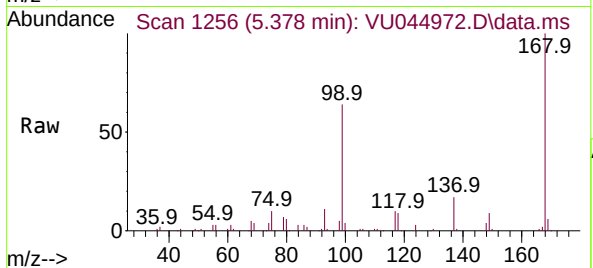
77 0.0 25.0 37.4#



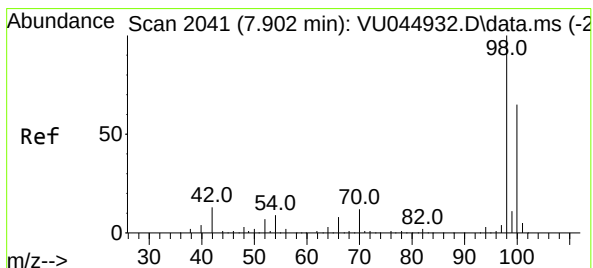
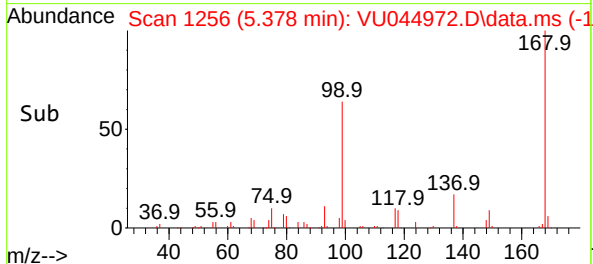
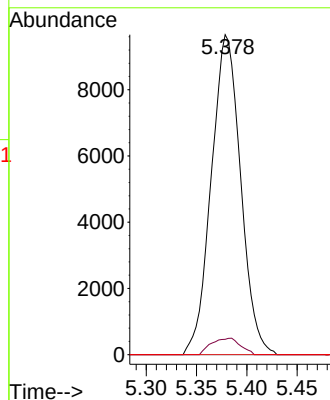


#38
Carbon Tetrachloride
Concen: 6.464 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

Instrument :
MSVOA_U
ClientSampleId :
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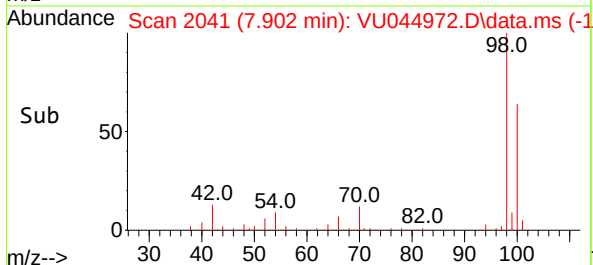
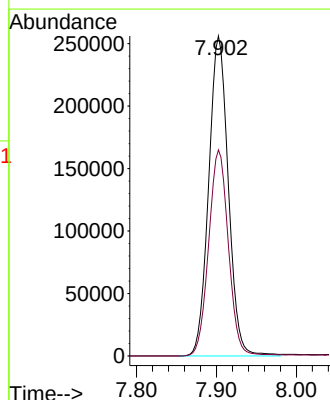
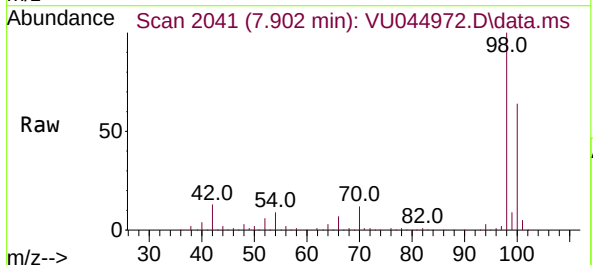


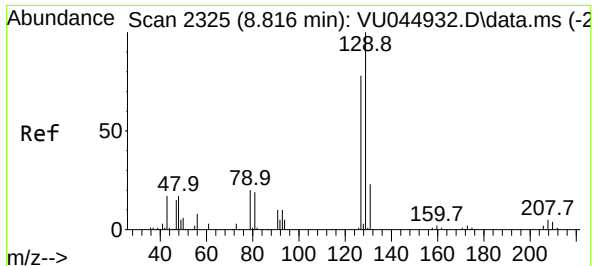
Tgt Ion:117 Resp: 19636
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.219 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

Tgt Ion: 98 Resp: 436960
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

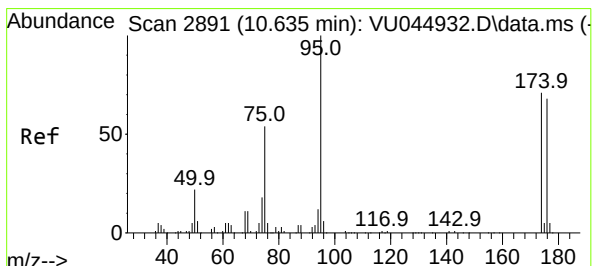
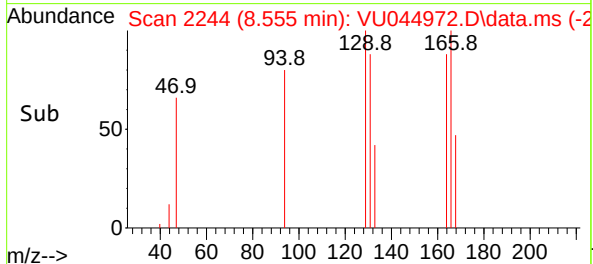
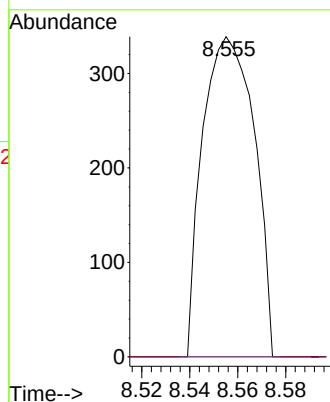
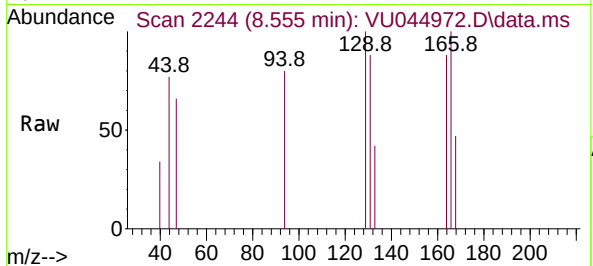




#60
Dibromochloromethane
Concen: 2.344 ug/l
RT: 8.555 min Scan# 211
Delta R.T. -0.261 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

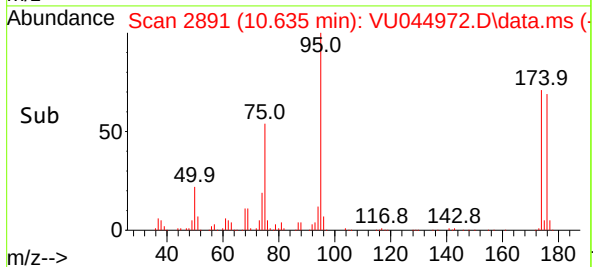
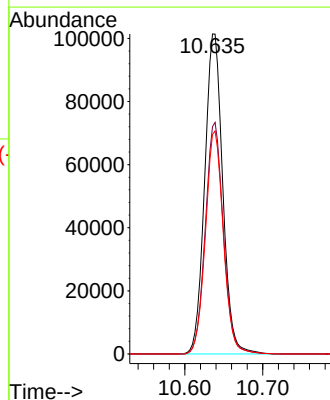
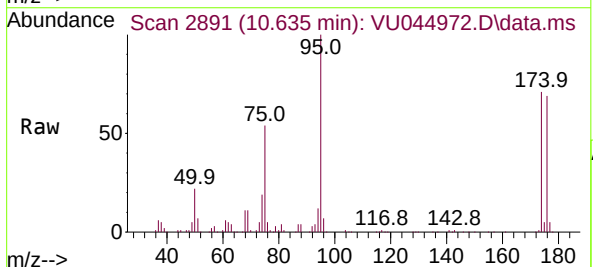
Instrument :
MSVOA_U
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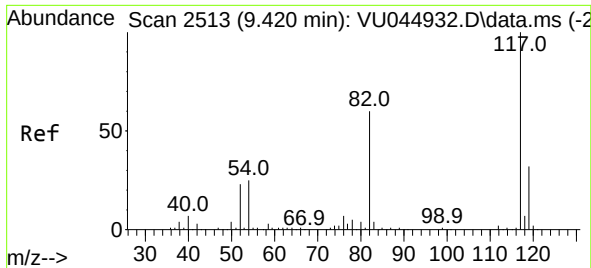
Tgt Ion:129 Resp: 506
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 47.189 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

Tgt Ion: 95 Resp: 163023
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.6
176 69.4 0.0 141.2

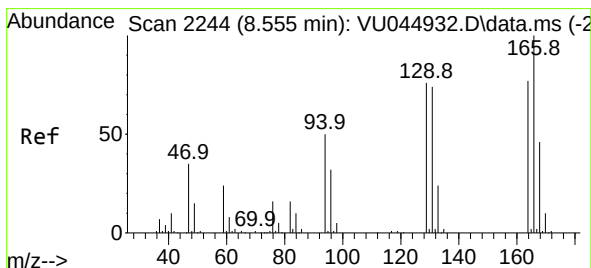
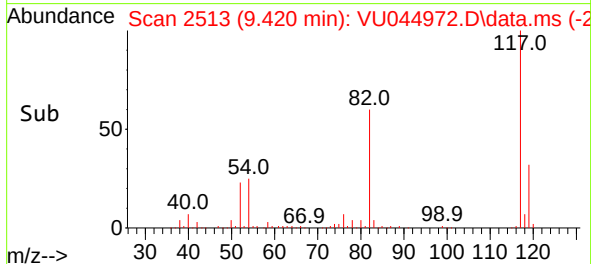
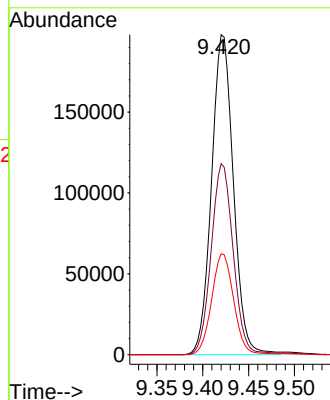
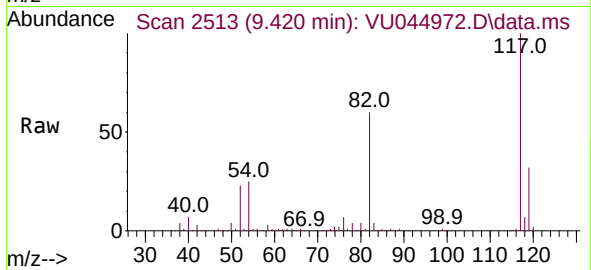




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

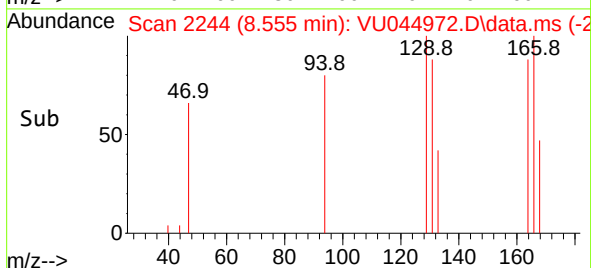
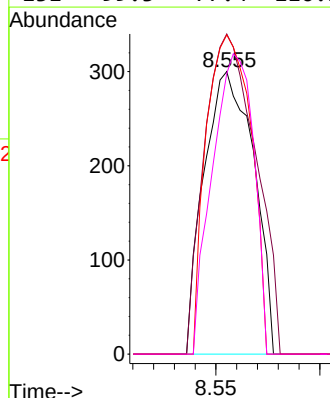
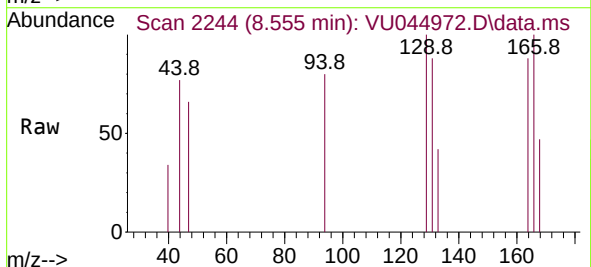
Instrument :
MSVOA_U
ClientSampleId :
P-1

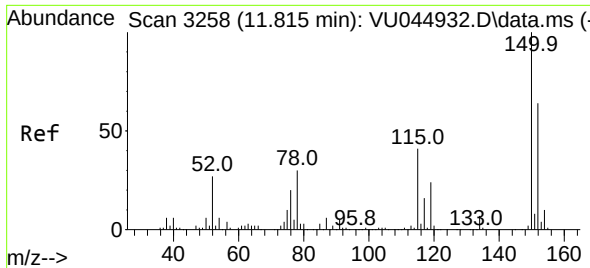
Tgt Ion:117 Resp: 328390
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 0.232 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

Tgt Ion:164 Resp: 498
Ion Ratio Lower Upper
164 100
166 113.3 102.8 154.2
129 113.0 79.4 119.2
131 99.3 77.4 116.2

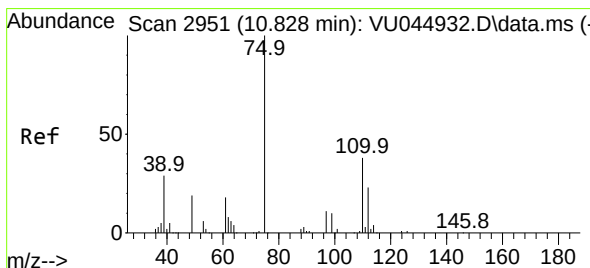
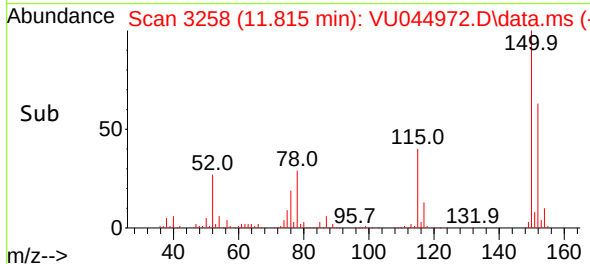
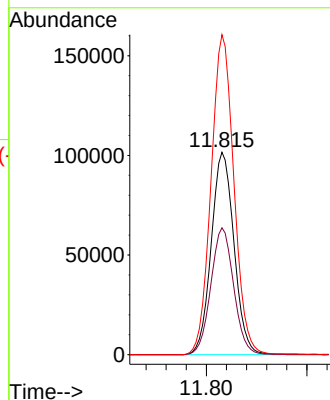
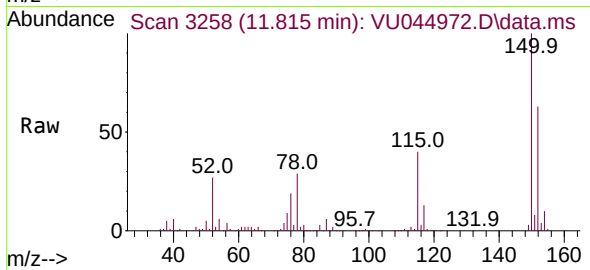




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU044972.D
 Acq: 29 Sep 2021 04:06

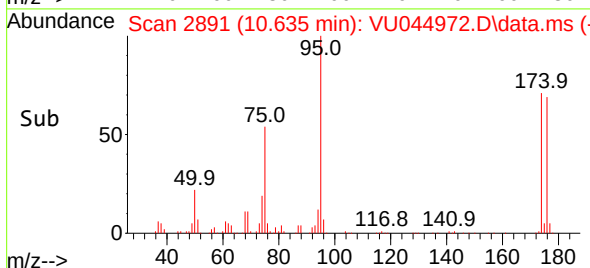
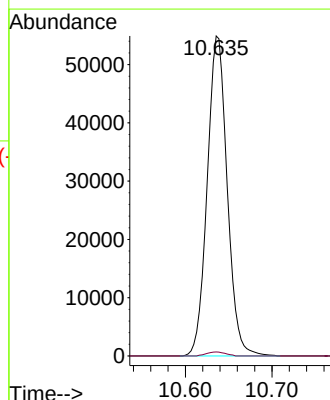
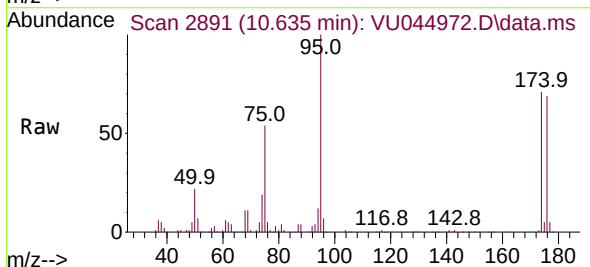
Instrument :
 MSVOA_U
 ClientSampleId :
 P-1

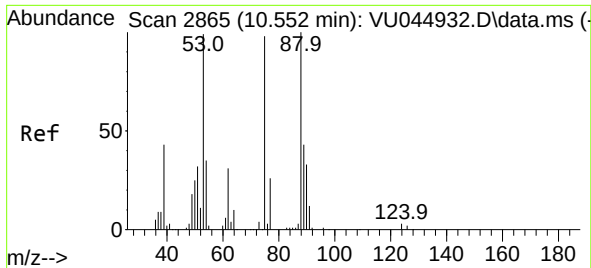
Tgt Ion:152 Resp: 159745
 Ion Ratio Lower Upper
 152 100
 115 62.8 43.5 130.7
 150 158.7 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 18.903 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044972.D
 Acq: 29 Sep 2021 04:06

Tgt Ion: 75 Resp: 88078
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.459 ug/l
 RT: 10.635 min Scan# 21
 Delta R.T. 0.083 min
 Lab File: VU044972.D
 Acq: 29 Sep 2021 04:06

Instrument :
 MSVOA_U
 ClientSampleId :
 P-1

Tgt Ion: 75 Resp: 88078
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

