

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044948.D
 Acq On : 28 Sep 2021 17:54
 Operator : SY/MD
 Sample : M3962-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 UNDERPASS

Quant Time: Sep 29 05:46:36 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	189126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	333803	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	319217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	152742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	154931	49.212	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.420%
35) Dibromofluoromethane	5.295	113	107639	51.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.240%
50) Toluene-d8	7.902	98	425719	51.167	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.340%
62) 4-Bromofluorobenzene	10.635	95	155944	45.399	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%

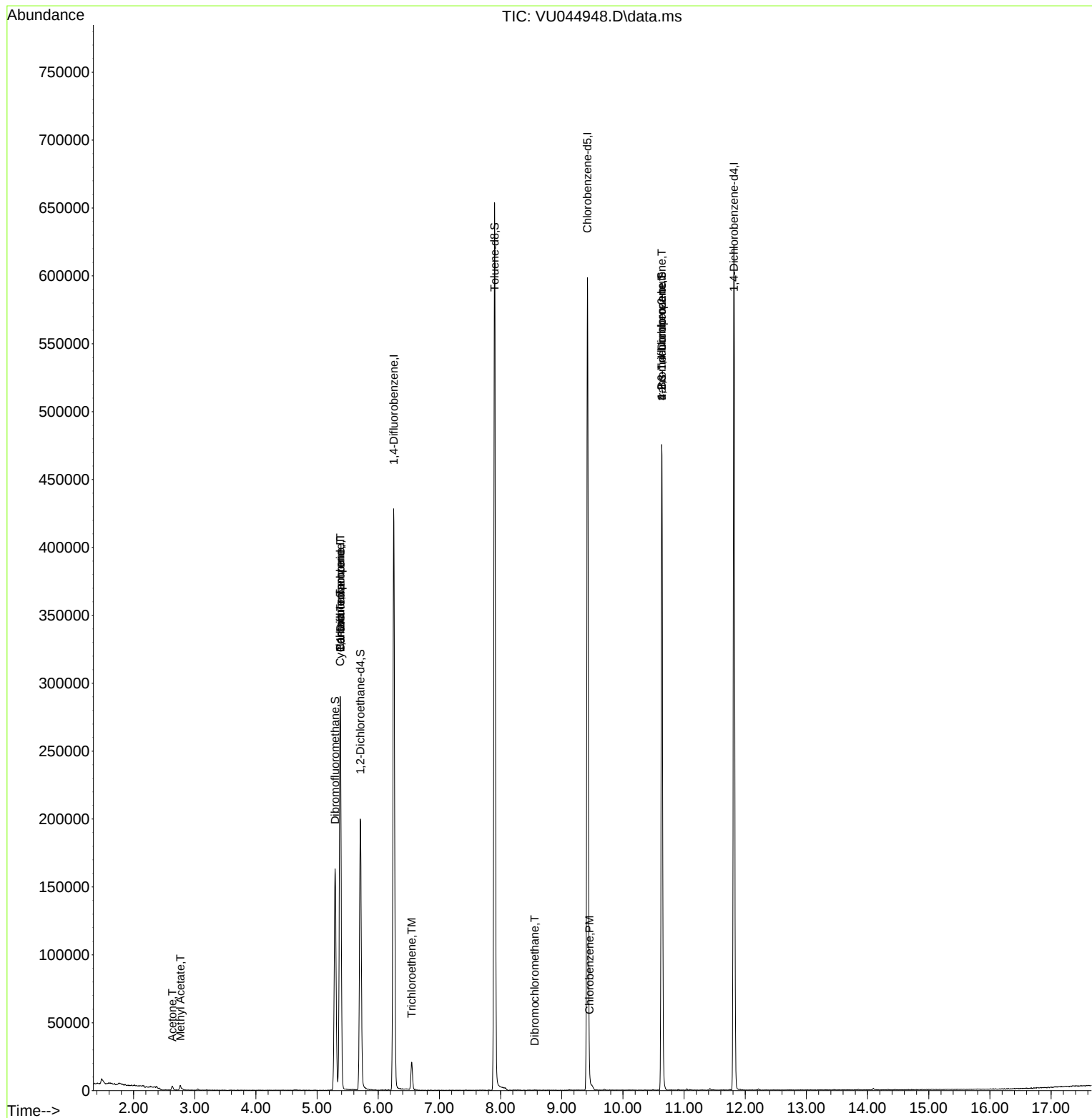
Target Compounds					Qvalue	
16) Acetone	2.633	43	3726	1.994	ug/l	99
18) Methyl Acetate	2.764	43	1324	0.242	ug/l #	52
31) Cyclohexane	5.375	56	5197	1.087	ug/l #	2
36) 1,1-Dichloropropene	5.378	75	17700	5.070	ug/l #	50
38) Carbon Tetrachloride	5.378	117	20264	6.709	ug/l #	16
44) Trichloroethene	6.546	130	6396	2.609	ug/l	99
60) Dibromochloromethane	8.555	129	41	2.190	ug/l #	10
65) Chlorobenzene	9.452	112	1687	0.252	ug/l	93
76) 1,2,3-Trichloropropane	10.635	75	85003	19.079	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	85003	52.949	ug/l #	9

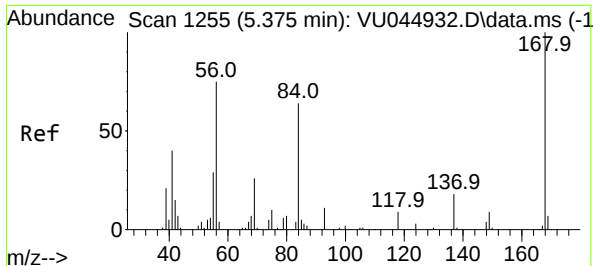
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

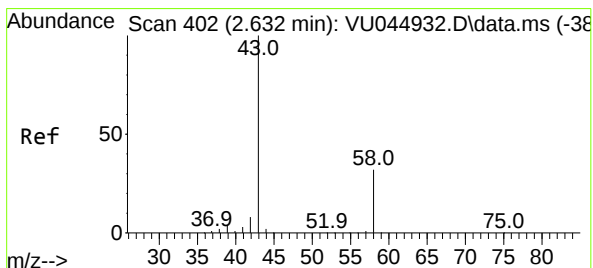
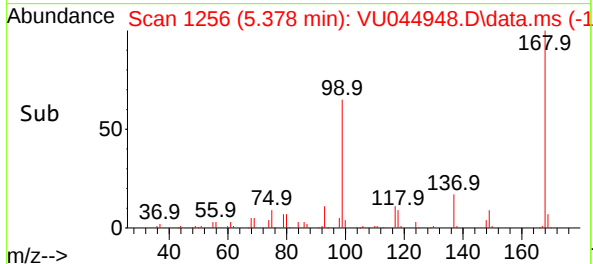
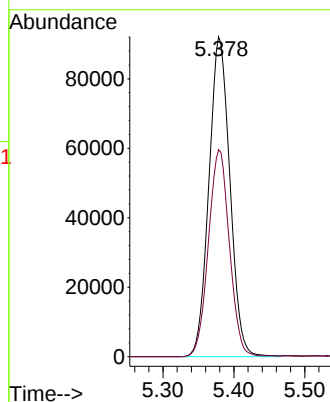
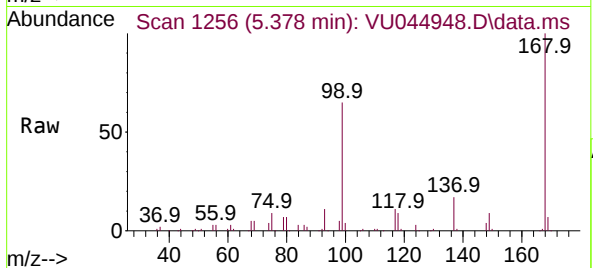




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

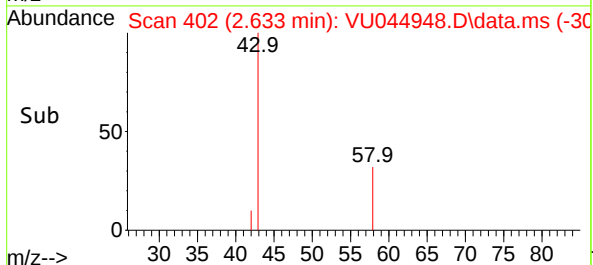
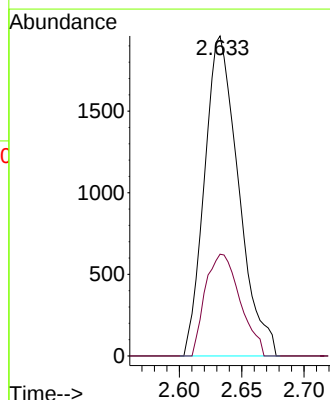
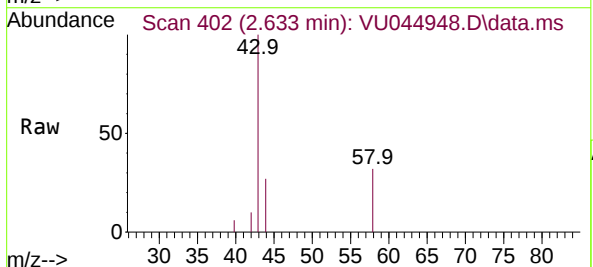
Instrument :
MSVOA_U
ClientSampleId :
UNDERPASS

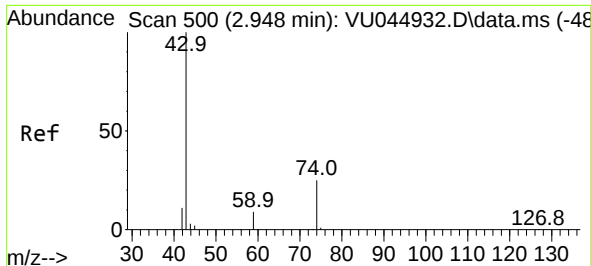
Tgt Ion:168 Resp: 189126
Ion Ratio Lower Upper
168 100
99 64.7 51.4 77.0



#16
Acetone
Concen: 1.994 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

Tgt Ion: 43 Resp: 3726
Ion Ratio Lower Upper
43 100
58 31.8 25.2 37.8





#18

Methyl Acetate

Concen: 0.242 ug/l

RT: 2.764 min Scan# 443

Delta R.T. -0.184 min

Lab File: VU044948.D

Acq: 28 Sep 2021 17:54

Instrument :

MSVOA_U

ClientSampleId :

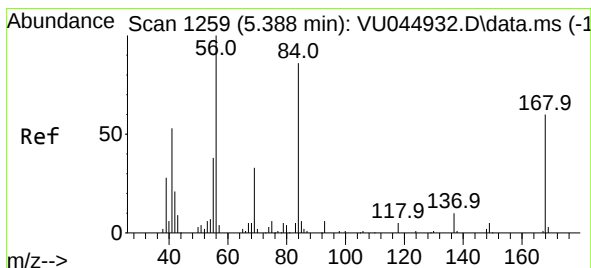
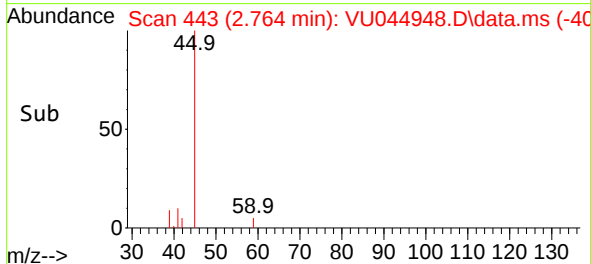
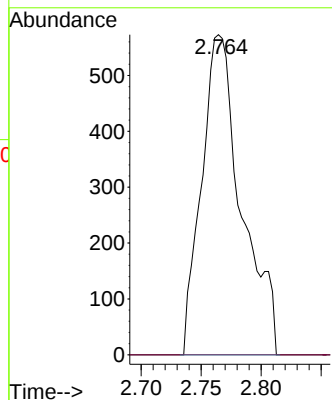
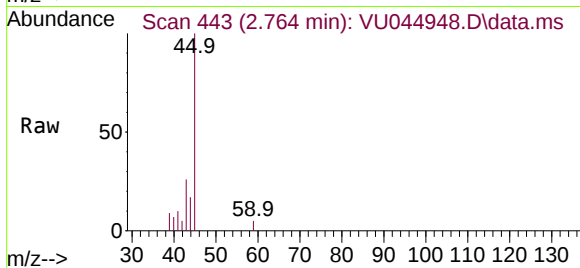
UNDERPASS

Tgt Ion: 43 Resp: 1324

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#



#31

Cyclohexane

Concen: 1.087 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.013 min

Lab File: VU044948.D

Acq: 28 Sep 2021 17:54

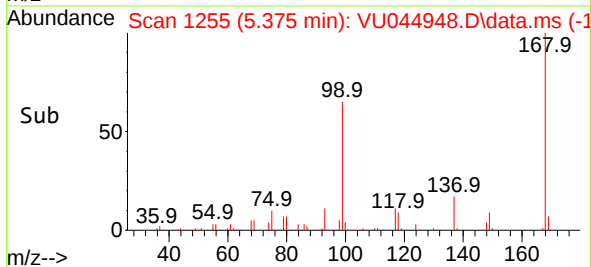
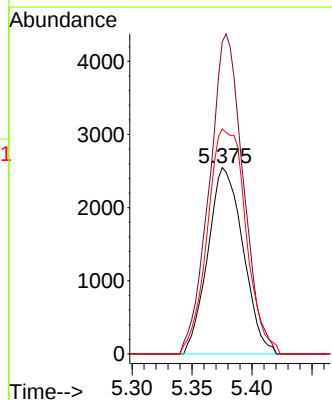
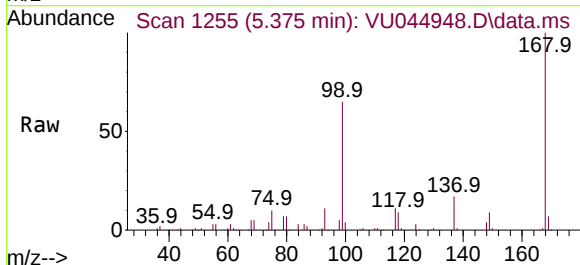
Tgt Ion: 56 Resp: 5197

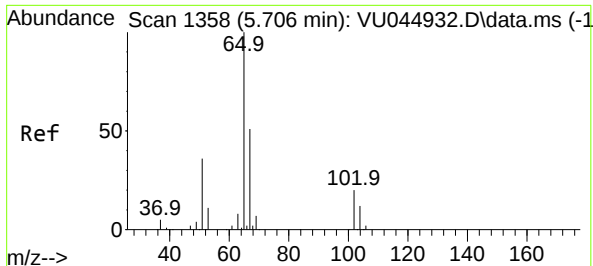
Ion Ratio Lower Upper

56 100

69 167.6 25.2 37.8#

84 120.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 49.212 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU044948.D

Acq: 28 Sep 2021 17:54

Instrument :

MSVOA_U

ClientSampleId :

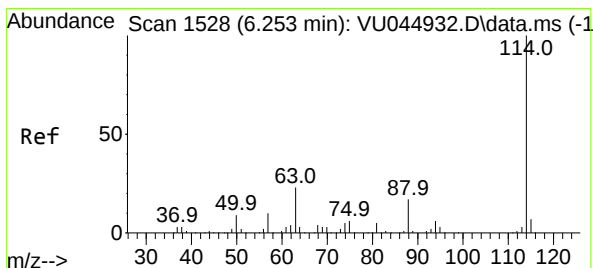
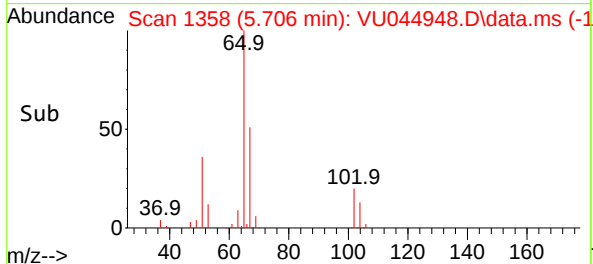
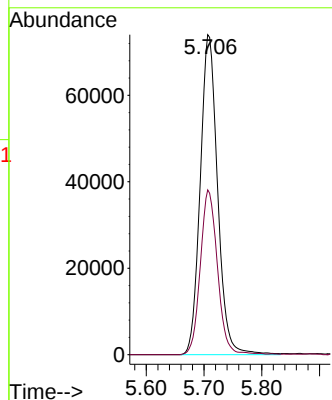
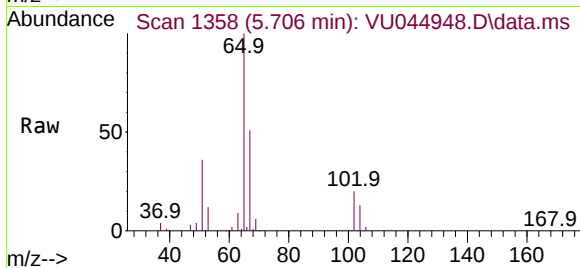
UNDERPASS

Tgt Ion: 65 Resp: 154931

Ion Ratio Lower Upper

65 100

67 50.8 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: VU044948.D

Acq: 28 Sep 2021 17:54

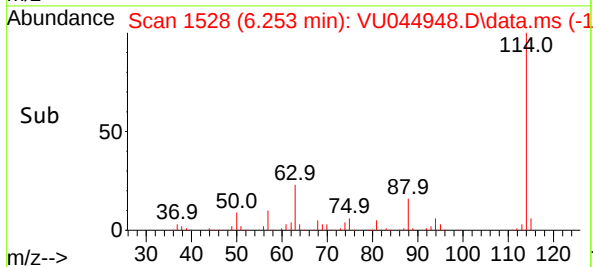
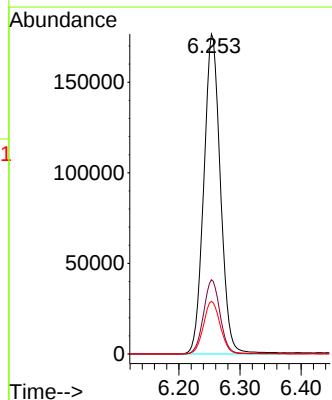
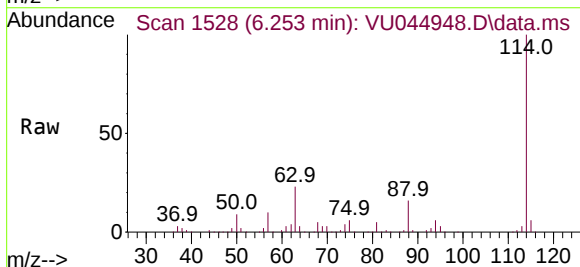
Tgt Ion: 114 Resp: 333803

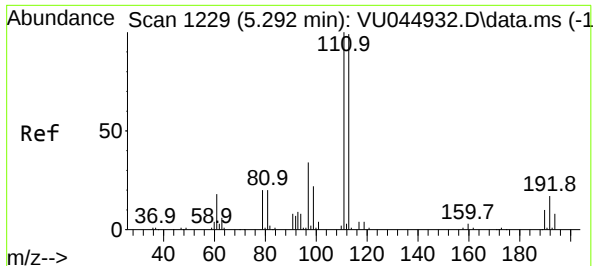
Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.8

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.117 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU044948.D

Acq: 28 Sep 2021 17:54

Instrument :

MSVOA_U

ClientSampleId :

UNDERPASS

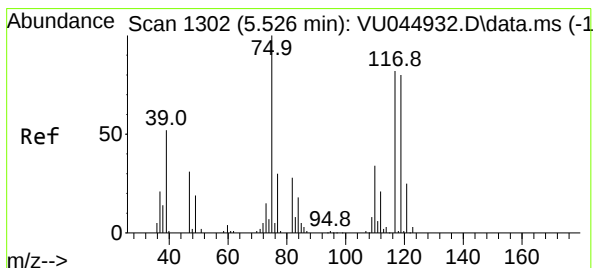
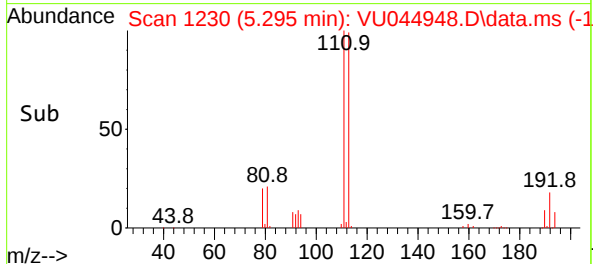
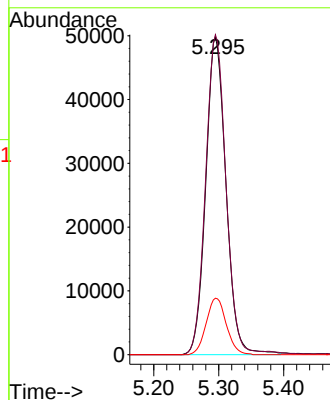
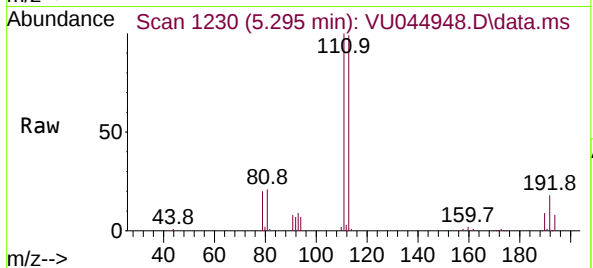
Tgt Ion:113 Resp: 107639

Ion Ratio Lower Upper

113 100

111 101.6 84.1 126.1

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.070 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.148 min

Lab File: VU044948.D

Acq: 28 Sep 2021 17:54

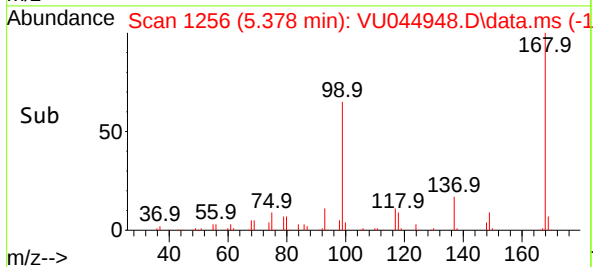
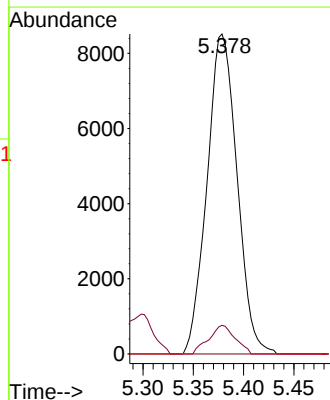
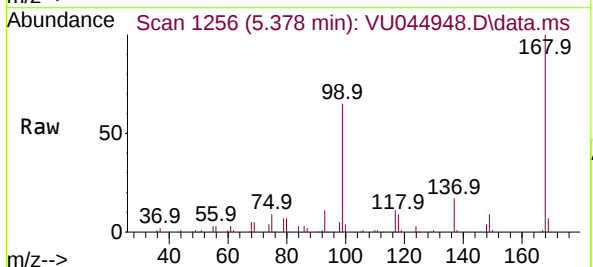
Tgt Ion: 75 Resp: 17700

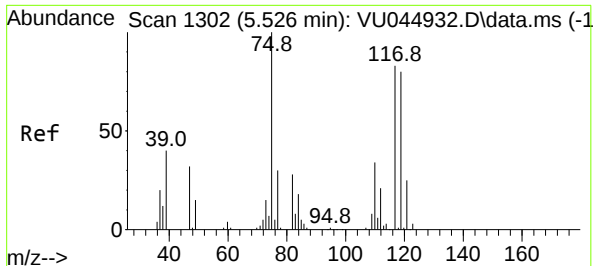
Ion Ratio Lower Upper

75 100

110 7.8 16.3 48.9#

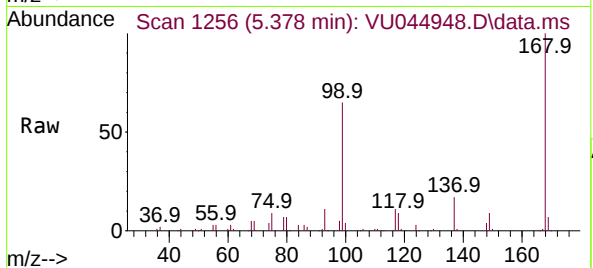
77 0.0 25.0 37.4#



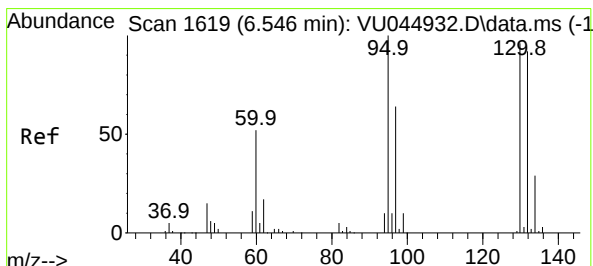
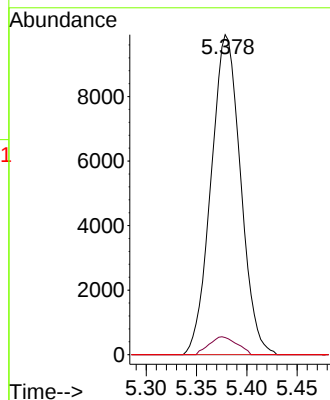
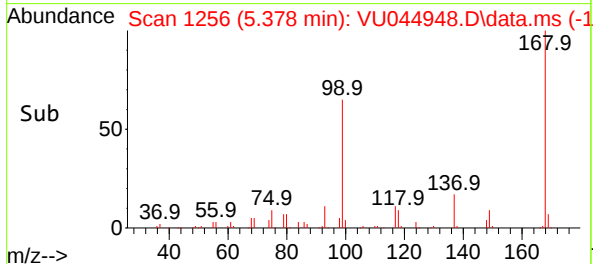


#38
Carbon Tetrachloride
Concen: 6.709 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

Instrument :
MSVOA_U
ClientSampleId :
UNDERPASS

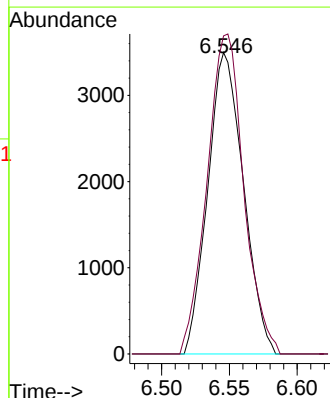
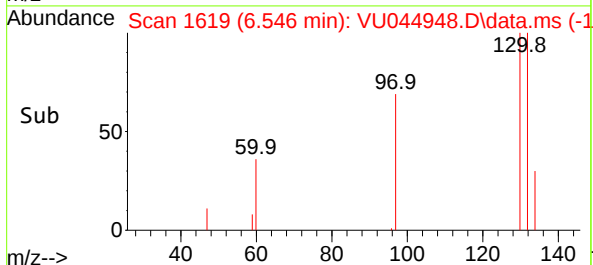
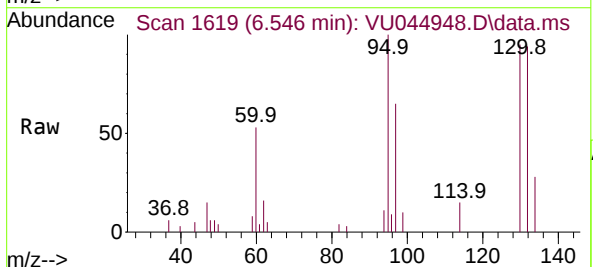


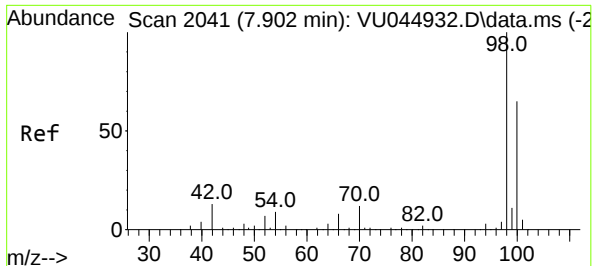
Tgt Ion:117 Resp: 20264
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.2#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 2.609 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

Tgt Ion:130 Resp: 6396
Ion Ratio Lower Upper
130 100
95 105.5 0.0 209.0

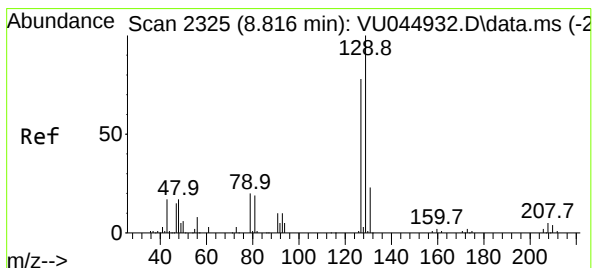
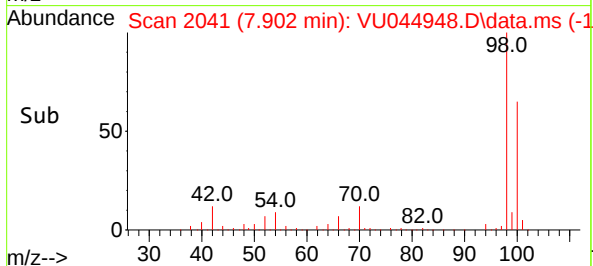
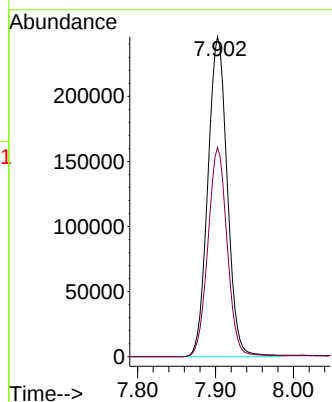
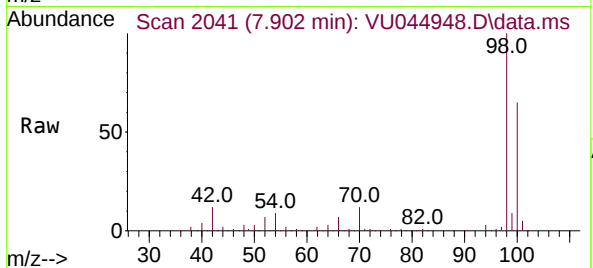




#50
Toluene-d8
Concen: 51.167 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

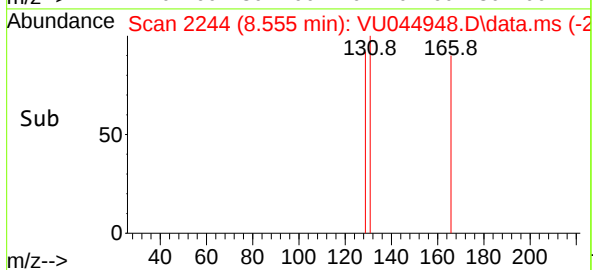
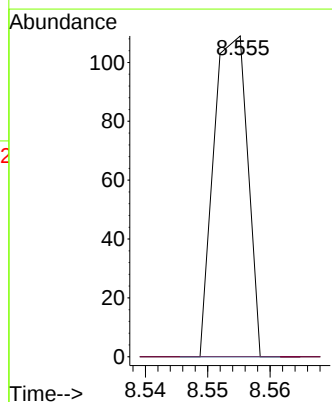
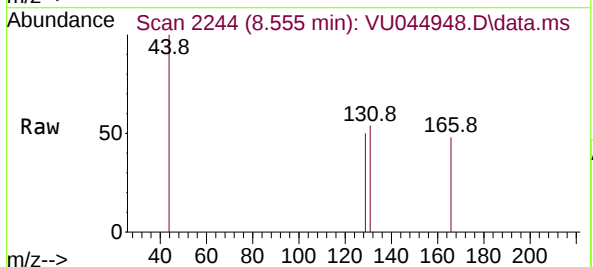
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MSVOA_U
ClientSampleId :
UNDERPASS

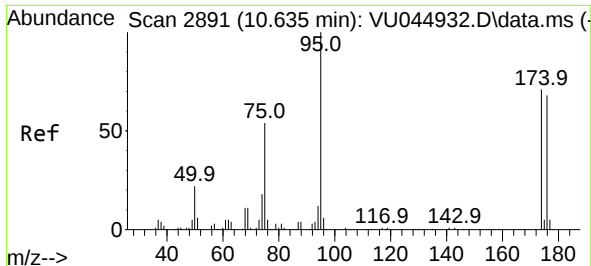
Tgt Ion: 98 Resp: 425719
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#60
Dibromochloromethane
Concen: 2.190 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.261 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

Tgt Ion: 129 Resp: 41
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

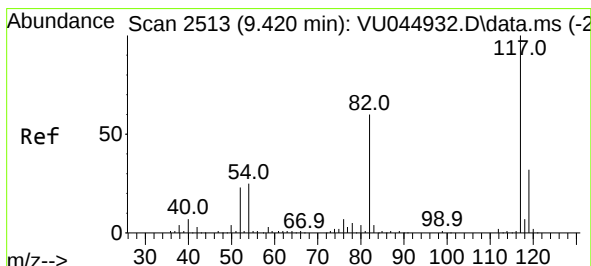
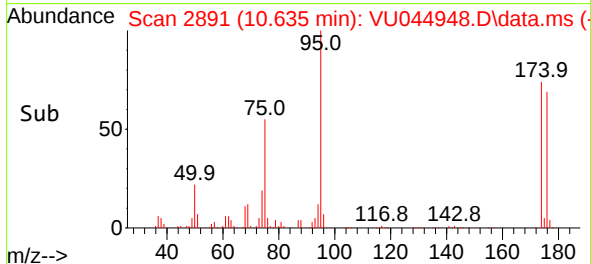
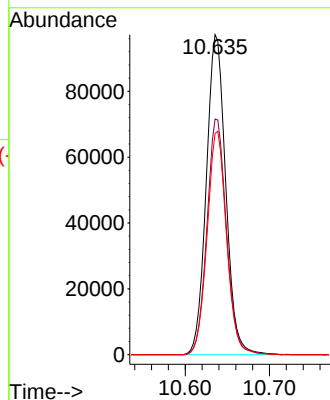
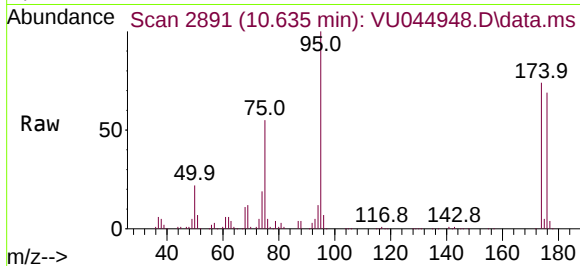




#62
4-Bromofluorobenzene
Concen: 45.399 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

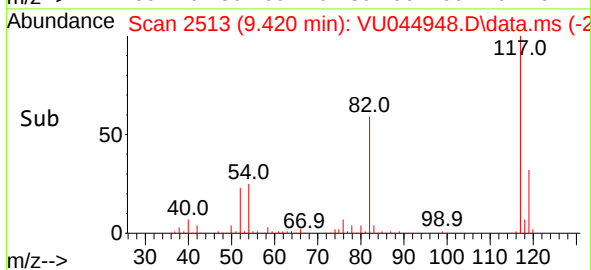
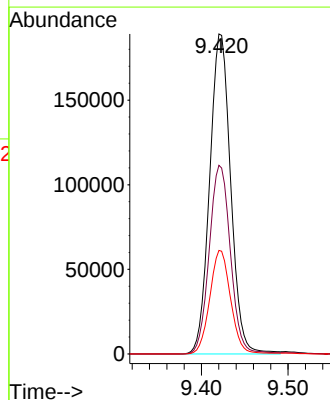
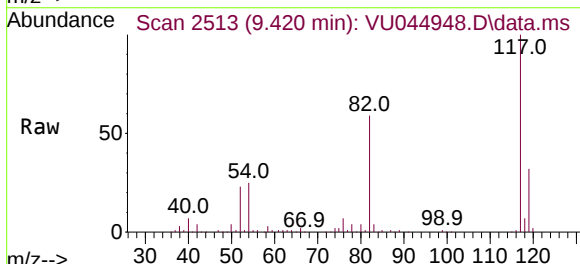
Instrument :
MSVOA_U
ClientSampleId :
UNDERPASS

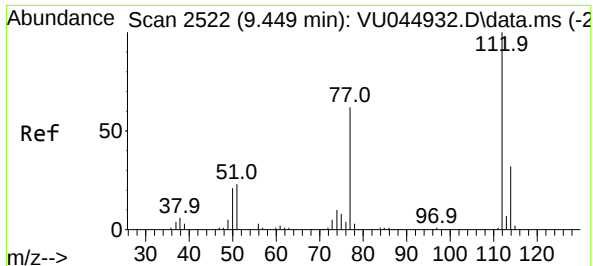
Tgt Ion: 95 Resp: 155944
Ion Ratio Lower Upper
95 100
174 74.1 0.0 146.6
176 69.7 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

Tgt Ion: 117 Resp: 319217
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.8
119 32.4 25.8 38.6

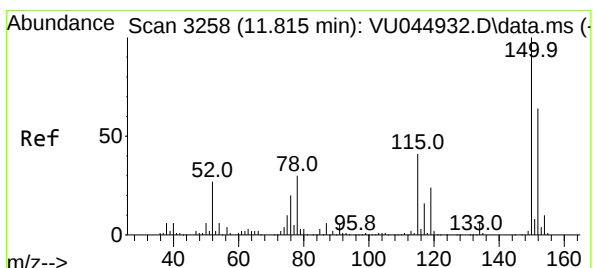
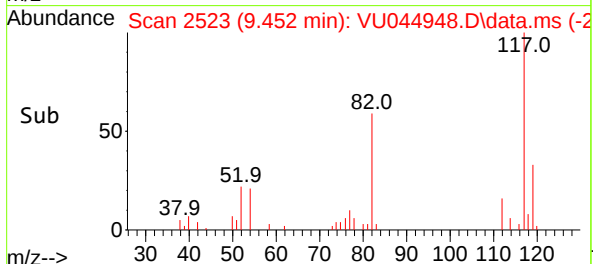
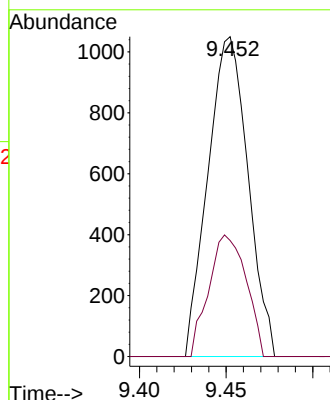
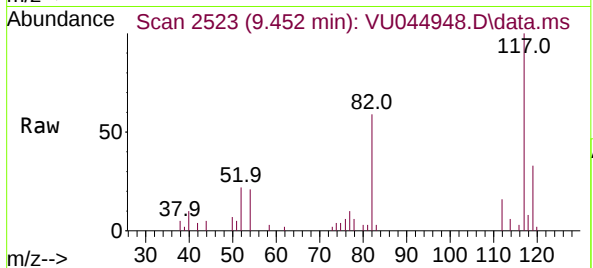




#65
Chlorobenzene
Concen: 0.252 ug/l
RT: 9.452 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

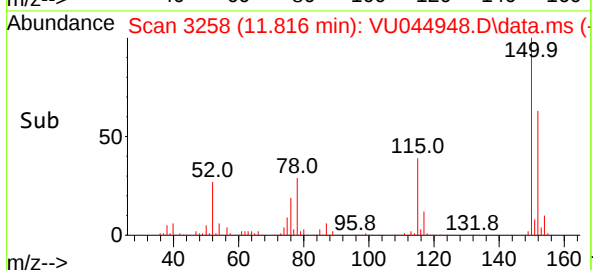
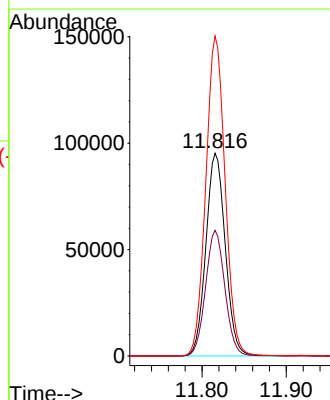
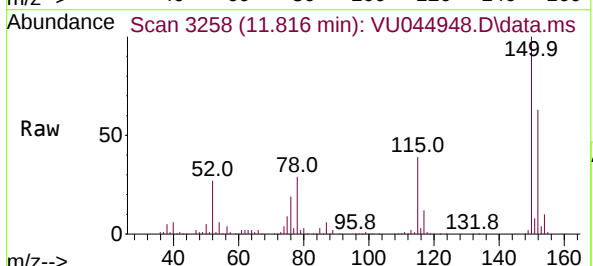
Instrument :
MSVOA_U
ClientSampleId :
UNDERPASS

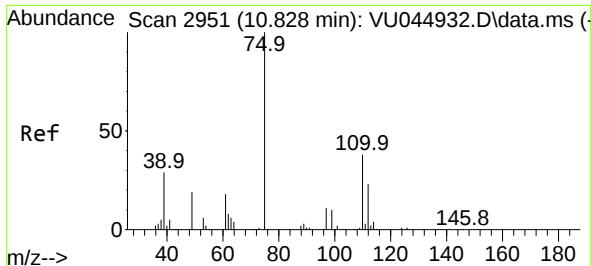
Tgt Ion:112 Resp: 1687
Ion Ratio Lower Upper
112 100
114 36.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

Tgt Ion:152 Resp: 152742
Ion Ratio Lower Upper
152 100
115 61.7 43.5 130.7
150 156.9 0.0 350.0

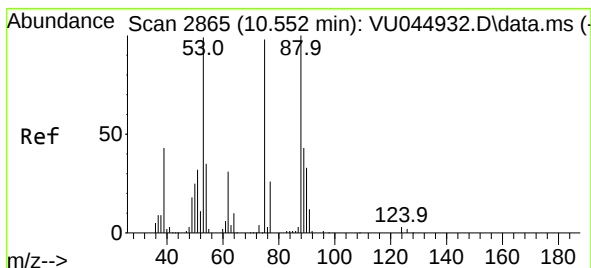
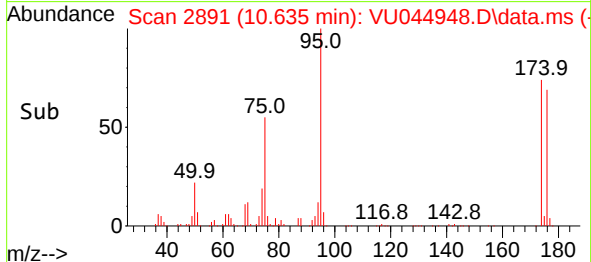
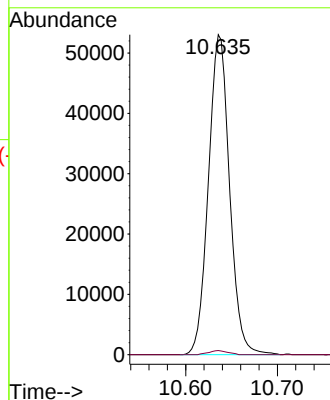
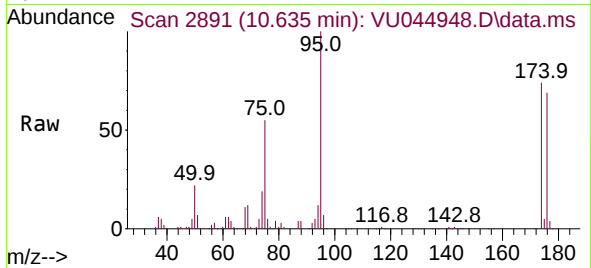




#76
1,2,3-Trichloropropane
Concen: 19.079 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

Instrument :
MSVOA_U
ClientSampleId :
UNDERPASS

Tgt Ion: 75 Resp: 85003
Ion Ratio Lower Upper
75 100
77 1.2 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.949 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU044948.D
Acq: 28 Sep 2021 17:54

Tgt Ion: 75 Resp: 85003
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

