

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045002.D
 Acq On : 29 Sep 2021 18:49
 Operator : SY/MD
 Sample : M3893-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FIELD-BLANK

Quant Time: Sep 30 04:33:27 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)

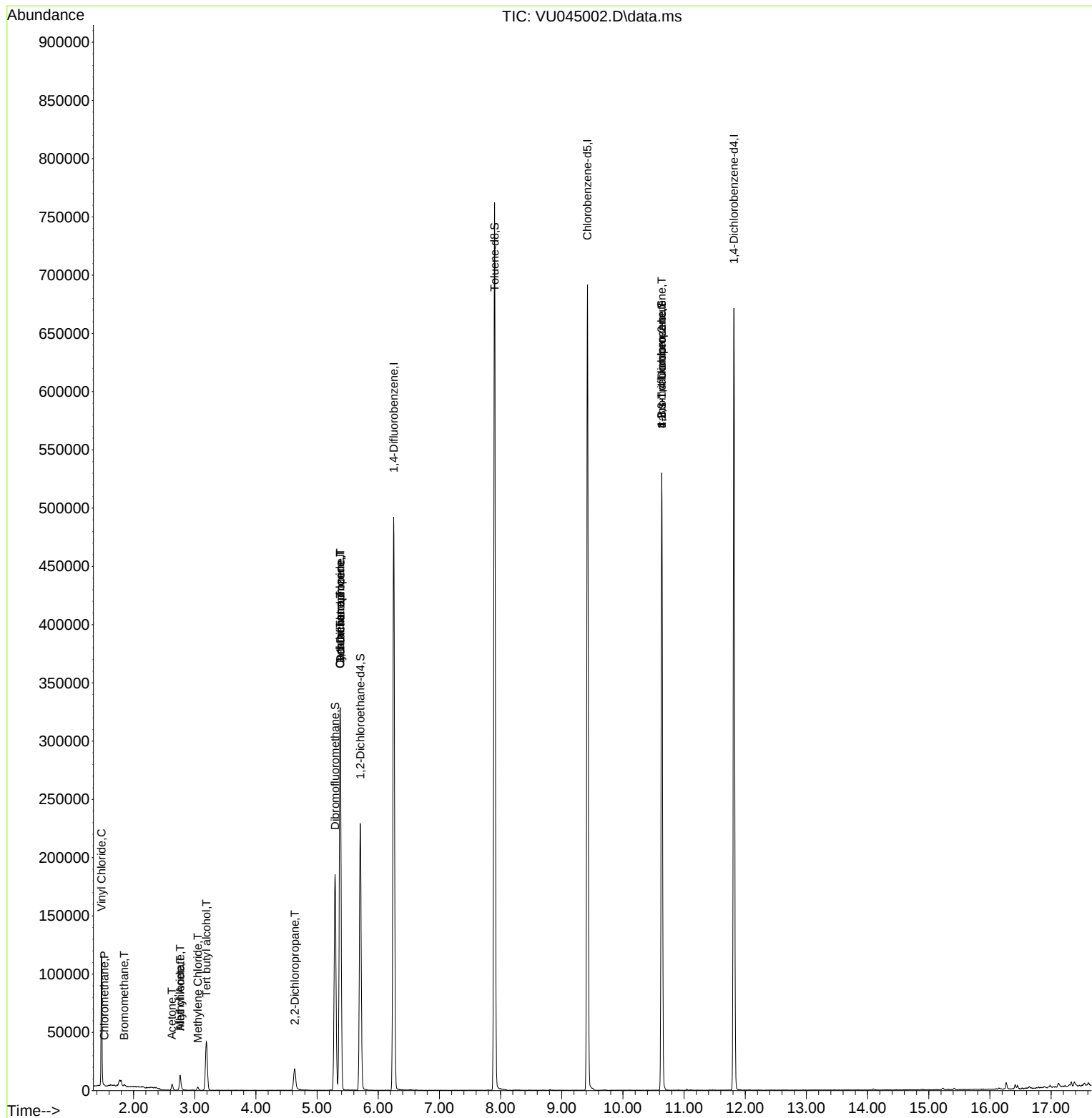
Internal Standards						
1) Pentafluorobenzene	5.378	168	215041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	378953	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	355425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	162289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	171106	47.800	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.600%
35) Dibromofluoromethane	5.295	113	118437	49.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.080%
50) Toluene-d8	7.902	98	486546	51.511	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.020%
62) 4-Bromofluorobenzene	10.635	95	173708	44.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	796	0.231	ug/l	98
4) Vinyl Chloride	1.475	62	939	0.273	ug/l #	1
5) Bromomethane	1.848	94	690	0.511	ug/l	97
11) Tert butyl alcohol	3.192	59	25692	25.007	ug/l #	74
14) Allyl chloride	2.761	41	1371	0.291	ug/l #	73
16) Acetone	2.626	43	5943	2.797	ug/l	96
18) Methyl Acetate	2.761	43	3525	0.568	ug/l #	52
20) Methylene Chloride	3.051	84	1389	0.434	ug/l #	82
26) 2,2-Dichloropropane	4.636	77	981	0.210	ug/l #	54
31) Cyclohexane	5.375	56	5673	1.043	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	20241	5.108	ug/l #	49
38) Carbon Tetrachloride	5.375	117	21826	6.365	ug/l #	15
76) 1,2,3-Trichloropropane	10.635	75	94596	19.984	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	94596	55.458	ug/l #	9

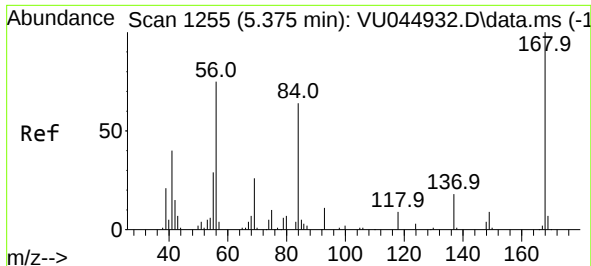
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU045002.D
Acq On : 29 Sep 2021 18:49
Operator : SY/MD
Sample : M3893-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

Quant Time: Sep 30 04:33:27 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

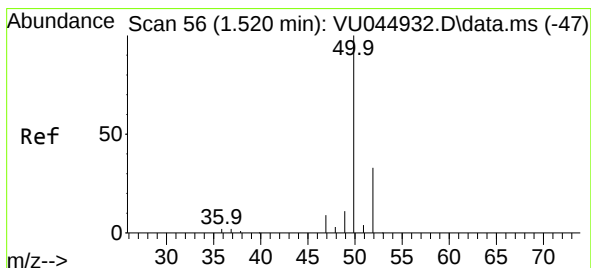
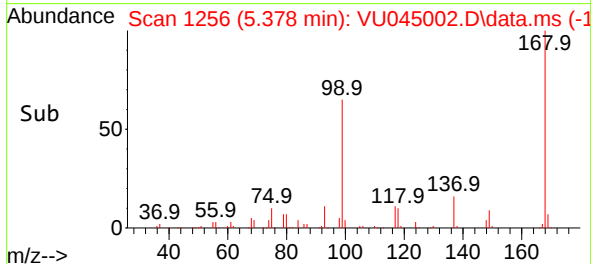
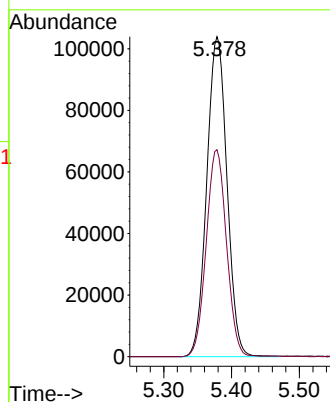
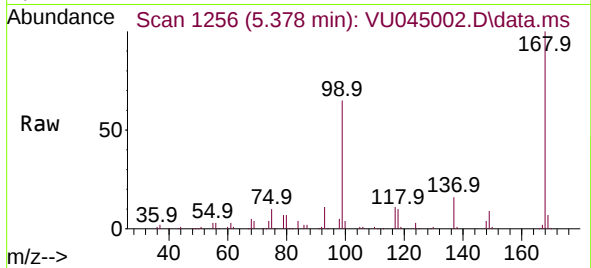




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

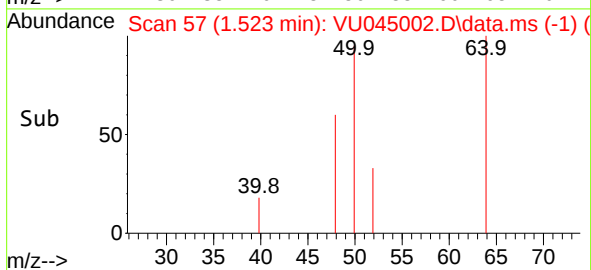
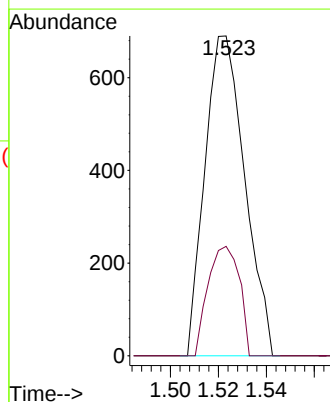
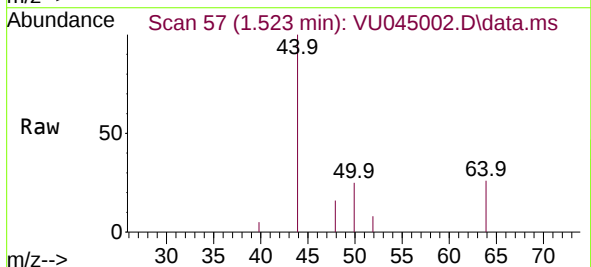
Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

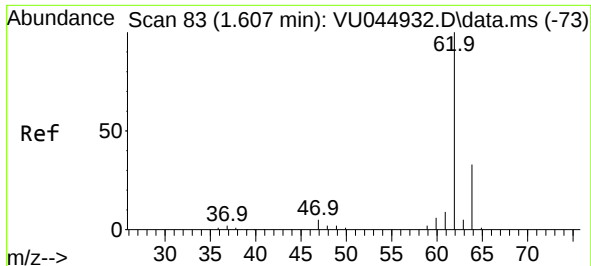
Tgt Ion:168 Resp: 215041
Ion Ratio Lower Upper
168 100
99 64.7 51.4 77.0



#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Tgt Ion: 50 Resp: 796
Ion Ratio Lower Upper
50 100
52 34.2 26.3 39.5

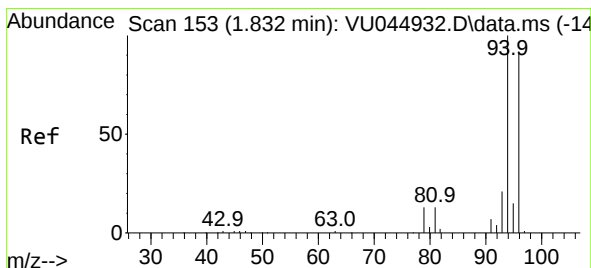
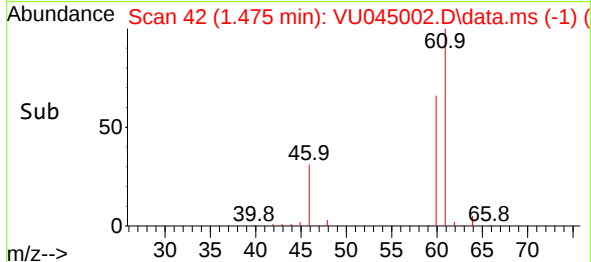
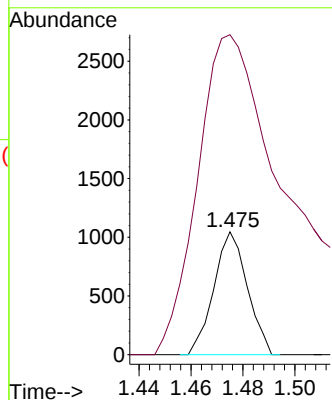
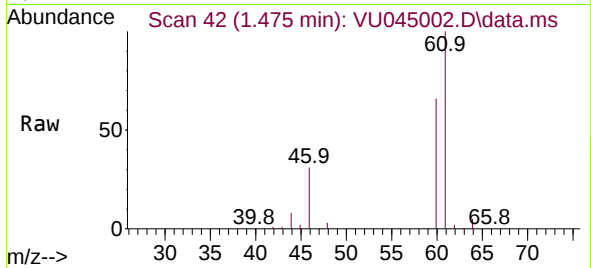




#4
 Vinyl Chloride
 Concen: 0.273 ug/l
 RT: 1.475 min Scan# 42
 Delta R.T. -0.132 min
 Lab File: VU045002.D
 Acq: 29 Sep 2021 18:49

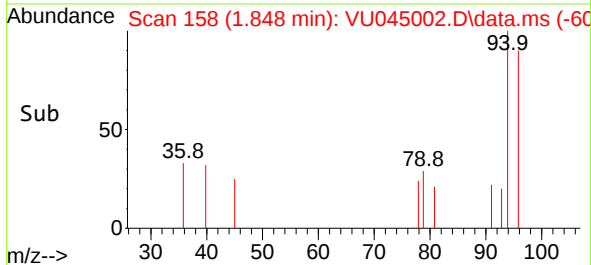
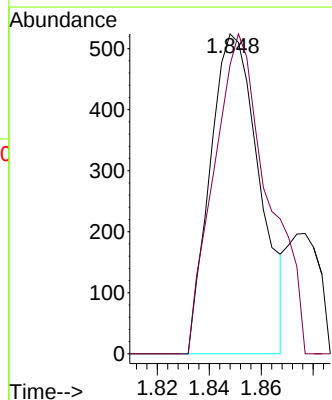
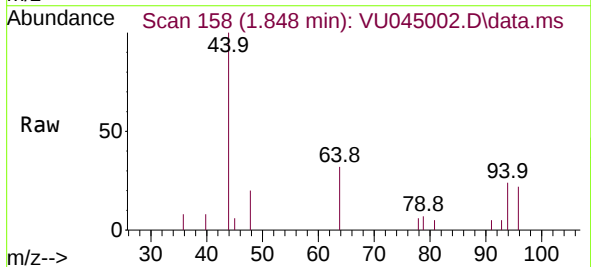
Instrument :
 MSVOA_U
 ClientSampleId :
 FIELD-BLANK

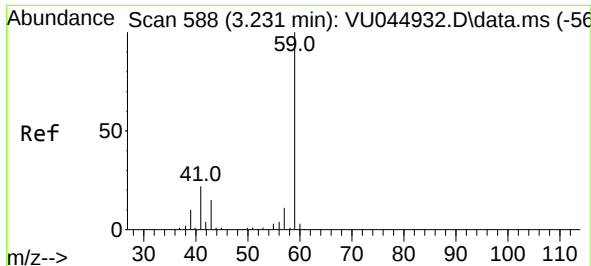
Tgt Ion: 62 Resp: 939
 Ion Ratio Lower Upper
 62 100
 64 202.8 25.6 38.4#



#5
 Bromomethane
 Concen: 0.511 ug/l
 RT: 1.848 min Scan# 158
 Delta R.T. 0.016 min
 Lab File: VU045002.D
 Acq: 29 Sep 2021 18:49

Tgt Ion: 94 Resp: 690
 Ion Ratio Lower Upper
 94 100
 96 90.5 74.5 111.7



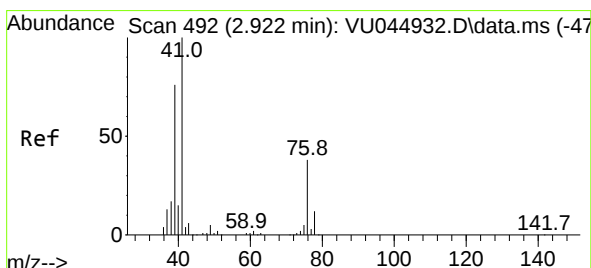
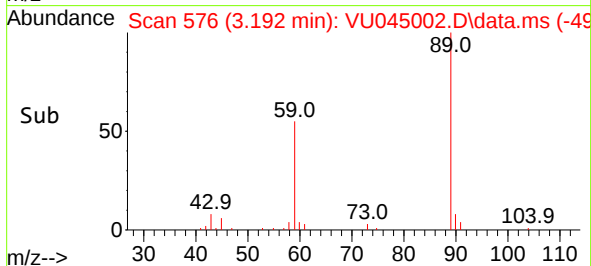
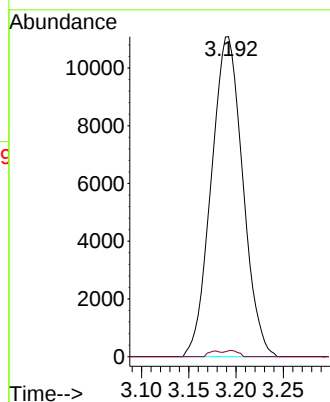
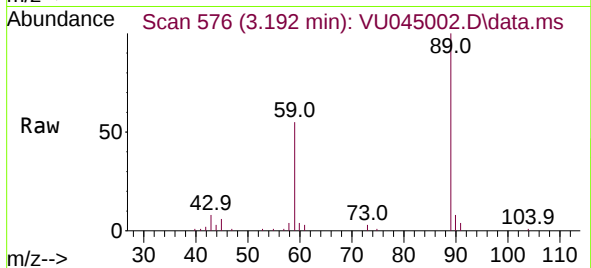


#11

Tert butyl alcohol
Concen: 25.007 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.039 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

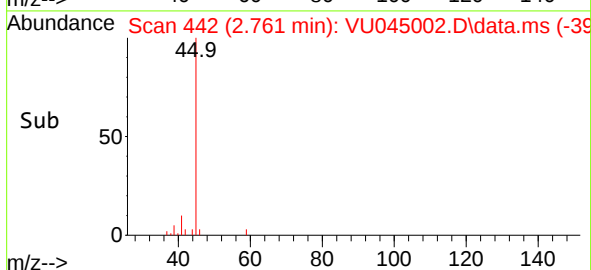
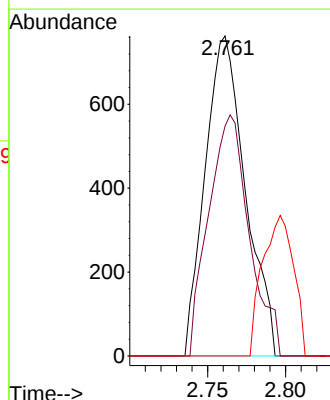
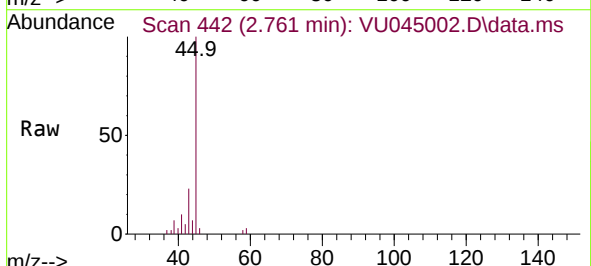
Tgt Ion: 59 Resp: 25692
Ion Ratio Lower Upper
59 100
57 0.8 8.3 12.5#

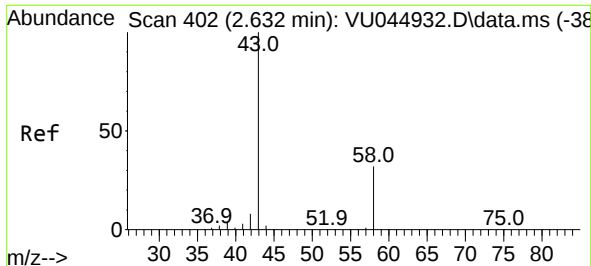


#14

Allyl chloride
Concen: 0.291 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.161 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Tgt Ion: 41 Resp: 1371
Ion Ratio Lower Upper
41 100
39 76.1 53.0 79.6
76 0.0 25.7 38.5#

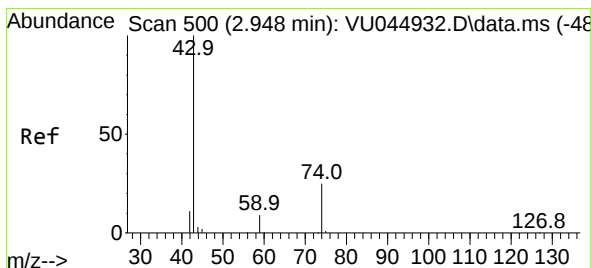
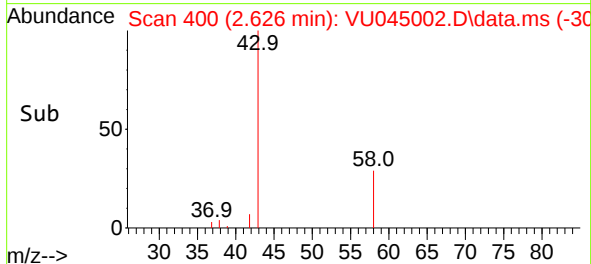
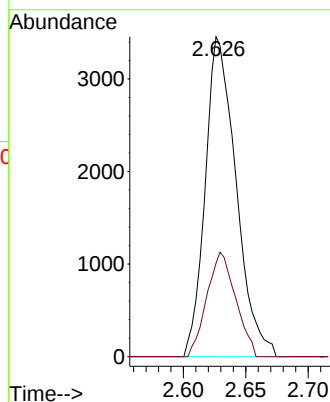
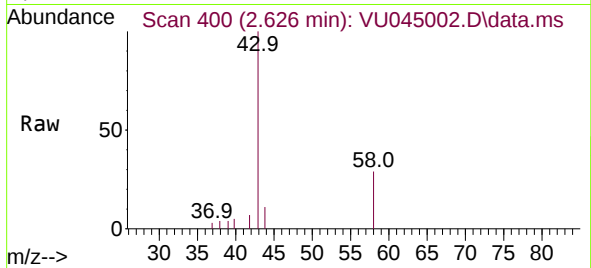




#16
Acetone
Concen: 2.797 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

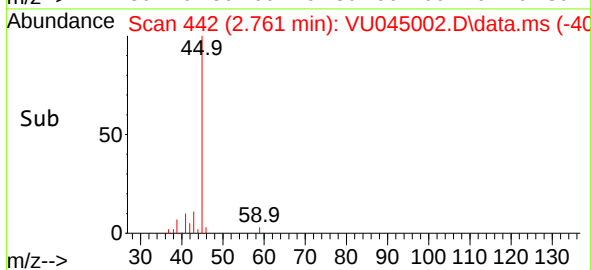
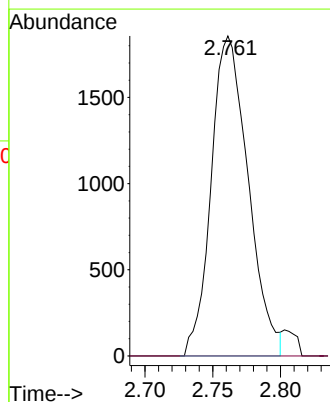
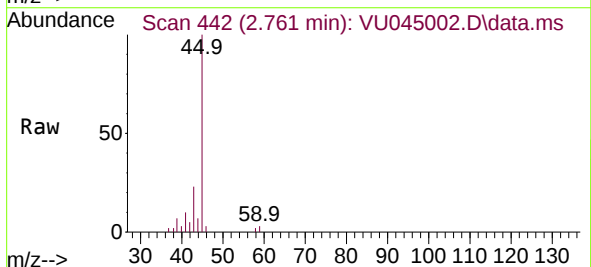
Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

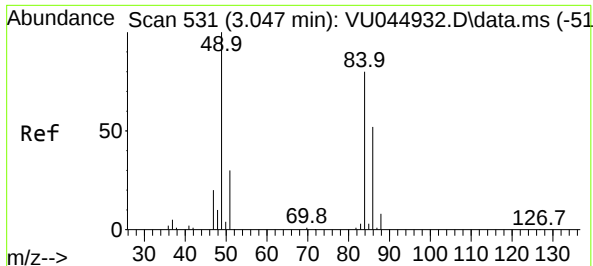
Tgt Ion: 43 Resp: 5943
Ion Ratio Lower Upper
43 100
58 29.2 25.2 37.8



#18
Methyl Acetate
Concen: 0.568 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.187 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Tgt Ion: 43 Resp: 3525
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

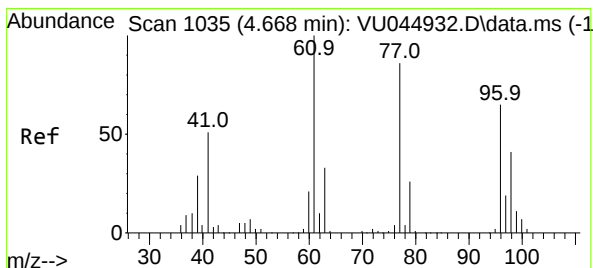
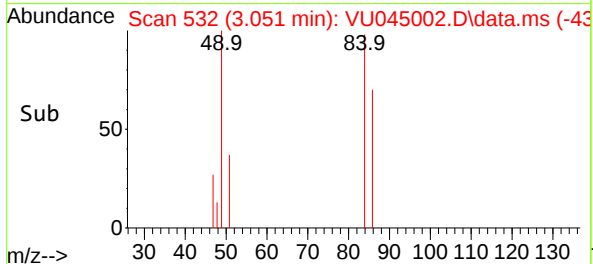
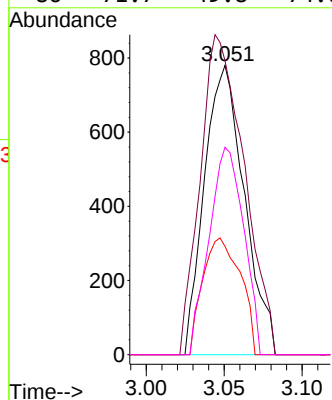
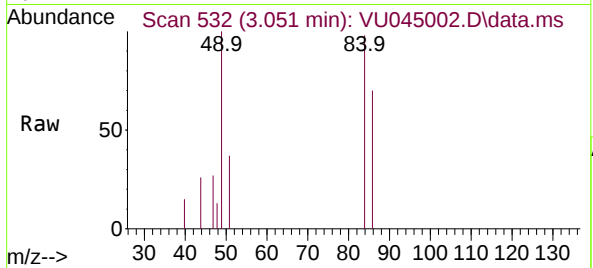




#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

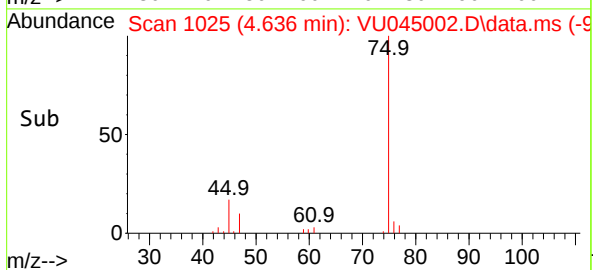
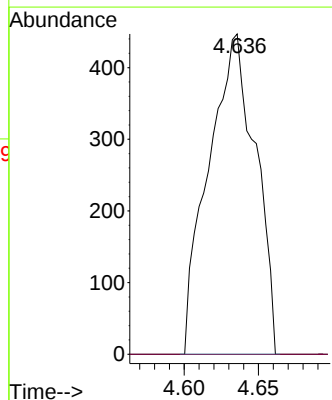
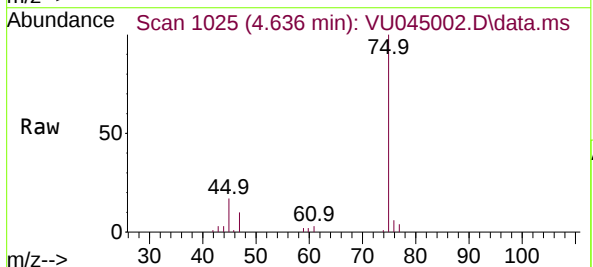
Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

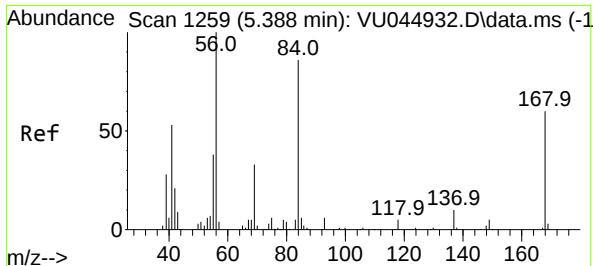
Tgt Ion: 84	Resp: 1389
Ion Ratio	Lower Upper
84	100
49	101.7 104.9 157.3#
51	37.4 31.8 47.8
86	71.7 49.8 74.6



#26
2,2-Dichloropropane
Concen: 0.210 ug/l
RT: 4.636 min Scan# 1025
Delta R.T. -0.032 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Tgt Ion: 77	Resp: 981
Ion Ratio	Lower Upper
77	100
97	0.0 10.8 32.4#





#31

Cyclohexane

Concen: 1.043 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.013 min

Lab File: VU045002.D

Acq: 29 Sep 2021 18:49

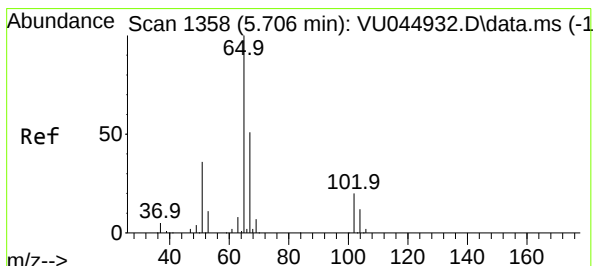
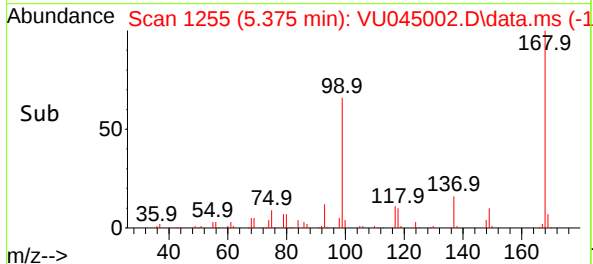
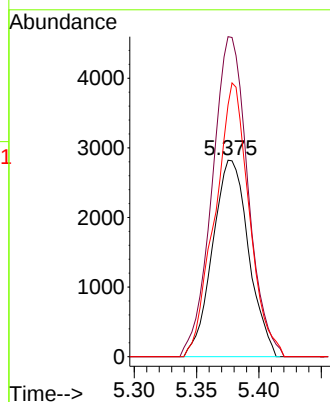
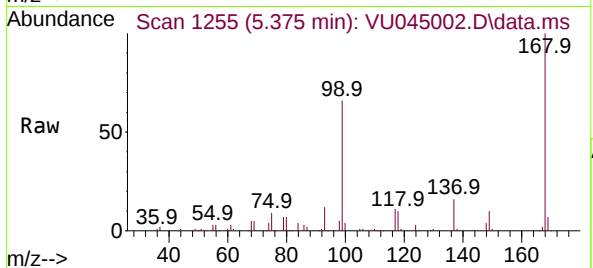
Tgt Ion: 56 Resp: 5673

Ion Ratio Lower Upper

56 100

69 162.8 25.2 37.8#

84 128.1 66.4 99.6#



#33

1,2-Dichloroethane-d4

Concen: 47.800 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU045002.D

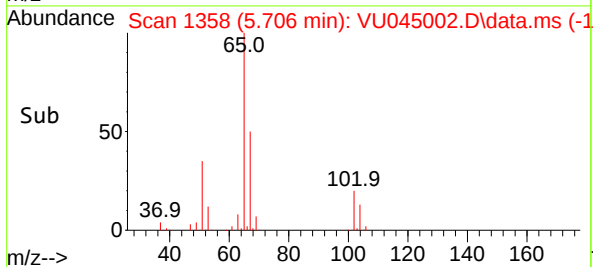
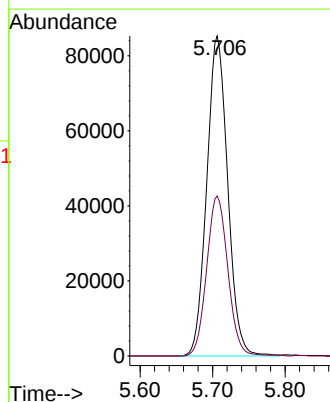
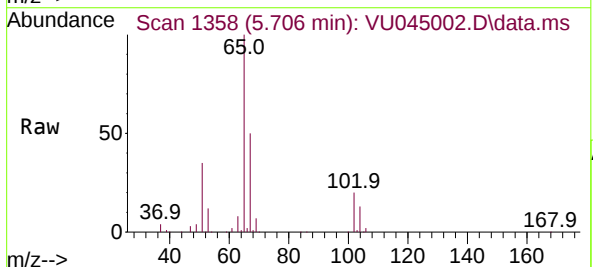
Acq: 29 Sep 2021 18:49

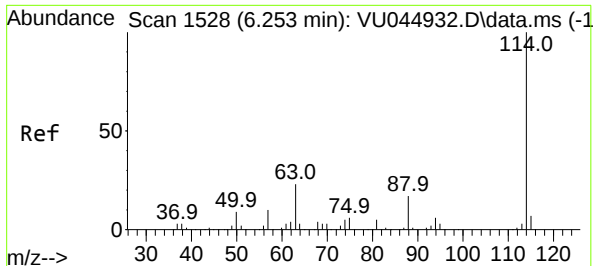
Tgt Ion: 65 Resp: 171106

Ion Ratio Lower Upper

65 100

67 50.7 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: VU045002.D

Acq: 29 Sep 2021 18:49

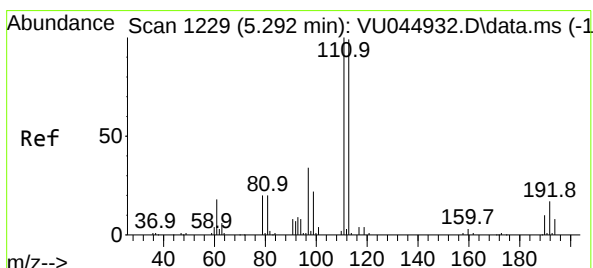
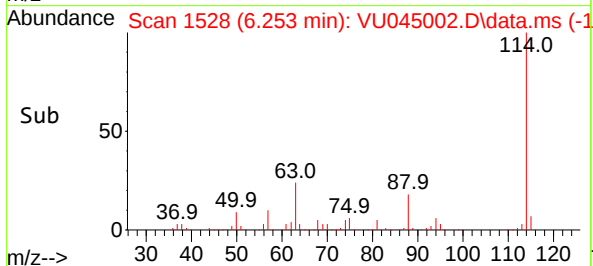
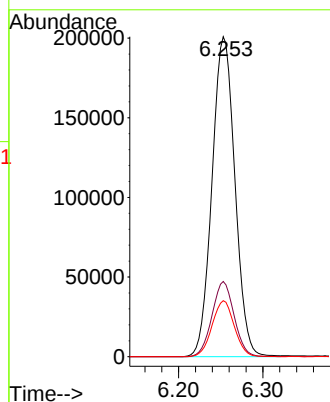
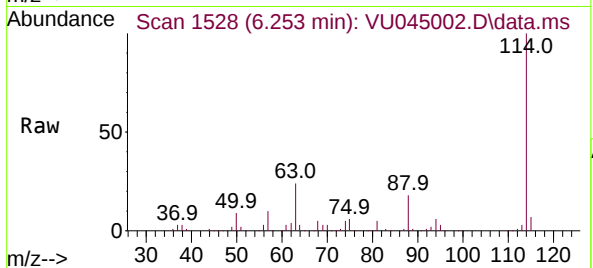
Tgt Ion:114 Resp: 378953

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.8

88 17.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.544 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045002.D

Acq: 29 Sep 2021 18:49

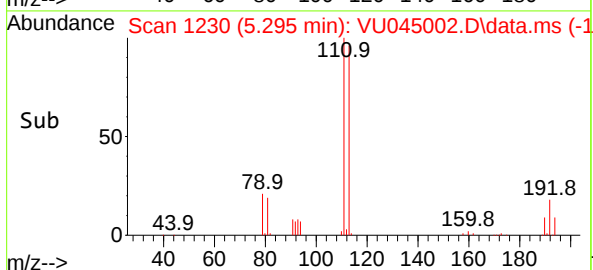
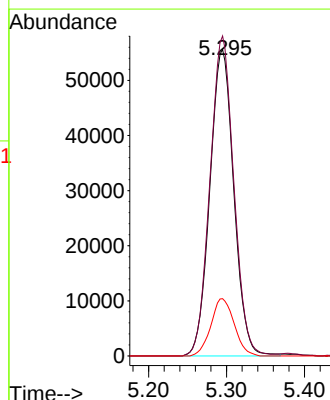
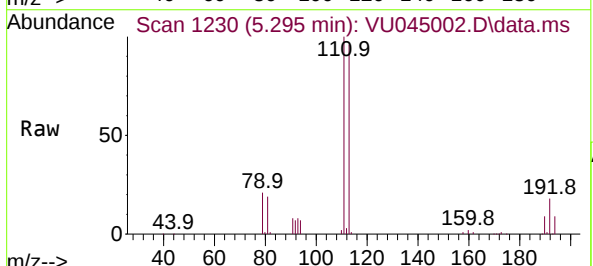
Tgt Ion:113 Resp: 118437

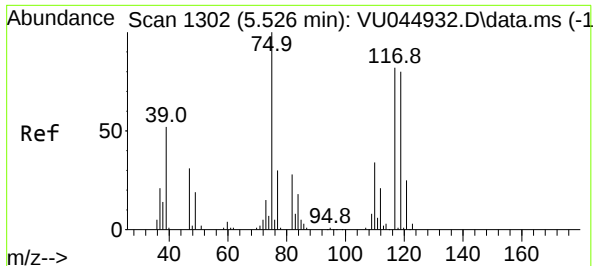
Ion Ratio Lower Upper

113 100

111 103.9 84.1 126.1

192 18.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.108 ug/l

RT: 5.378 min Scan# 1256

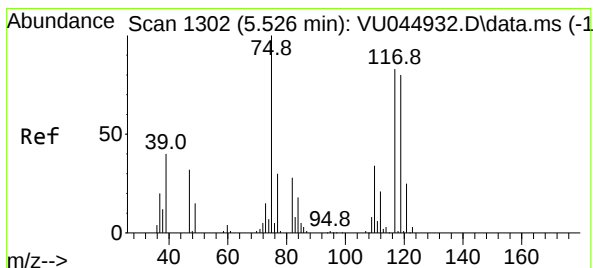
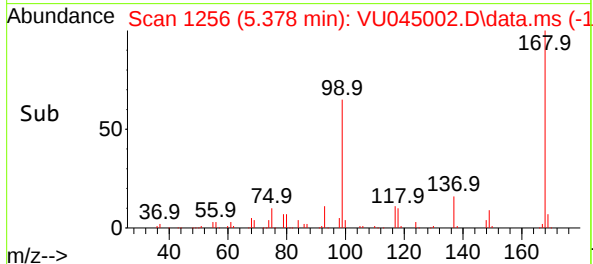
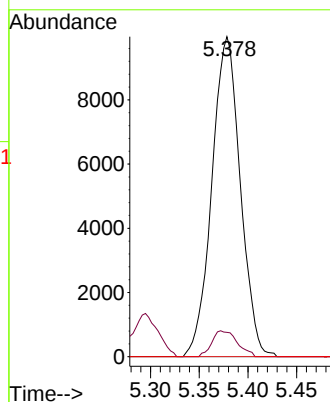
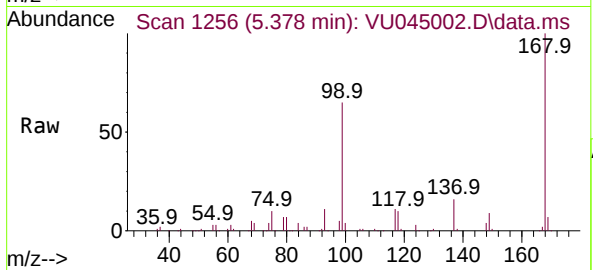
Delta R.T. -0.148 min

Lab File: VU045002.D

Acq: 29 Sep 2021 18:49

Tgt Ion:	75	Resp:	20241
Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampled :
FIELD-BLANK



#38

Carbon Tetrachloride

Concen: 6.365 ug/l

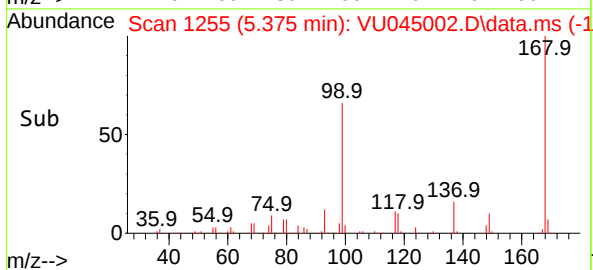
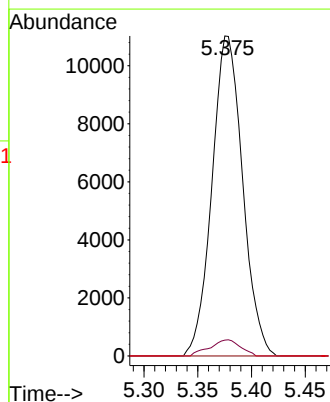
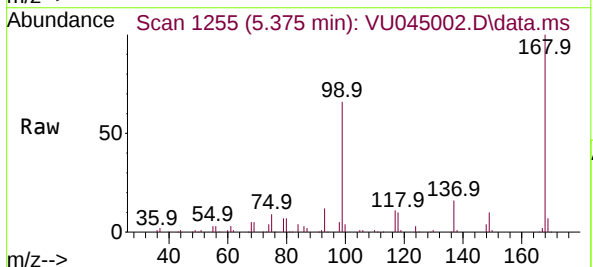
RT: 5.375 min Scan# 1255

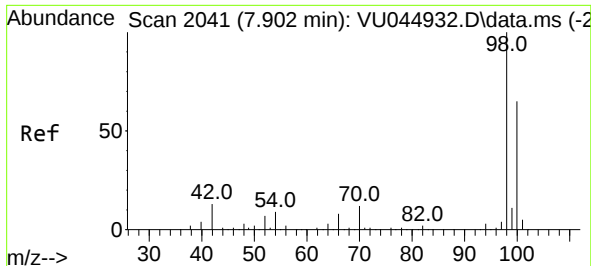
Delta R.T. -0.151 min

Lab File: VU045002.D

Acq: 29 Sep 2021 18:49

Tgt Ion:	117	Resp:	21826
Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.2#
121	0.0	24.5	36.7#

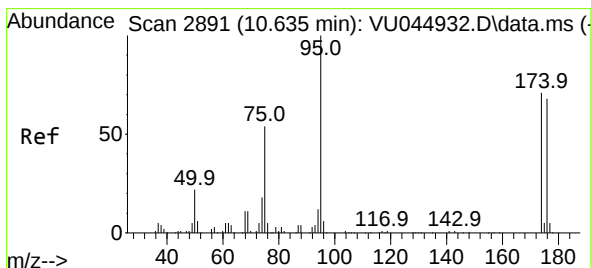
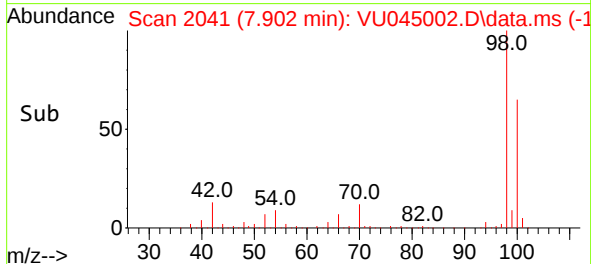
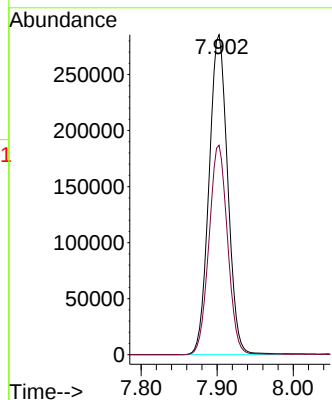
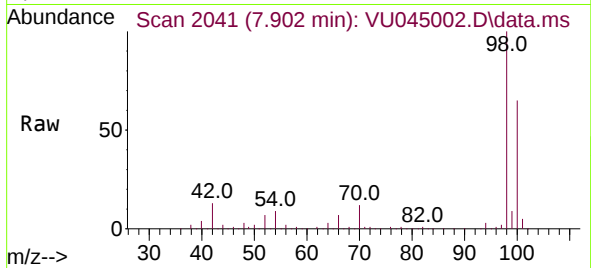




#50
Toluene-d8
Concen: 51.511 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

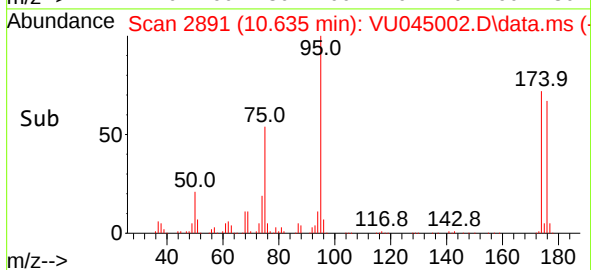
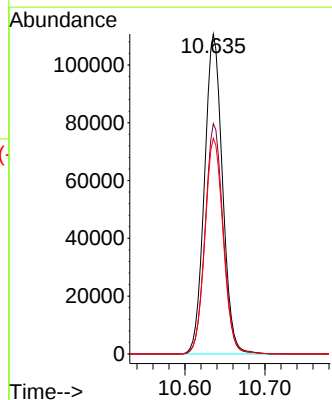
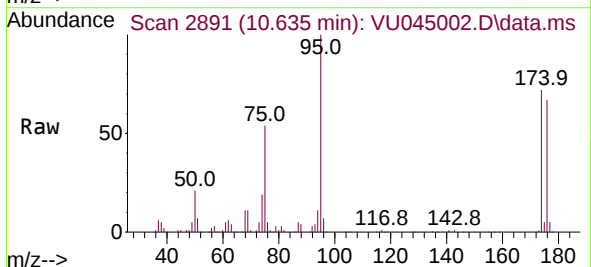
Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

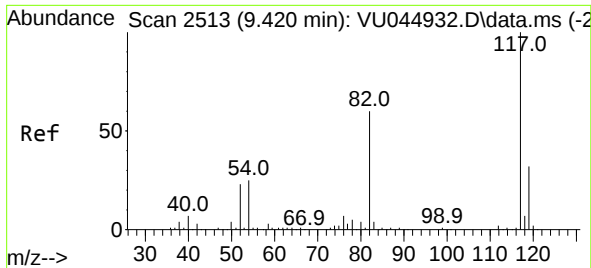
Tgt Ion: 98 Resp: 486546
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.545 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Tgt Ion: 95 Resp: 173708
Ion Ratio Lower Upper
95 100
174 71.9 0.0 146.6
176 68.5 0.0 141.2



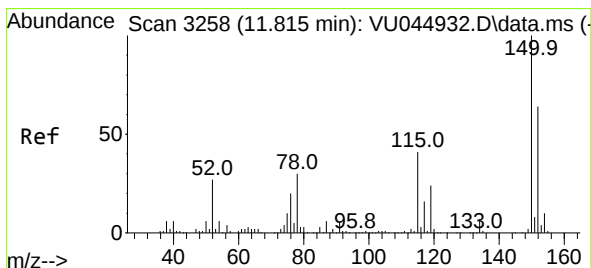
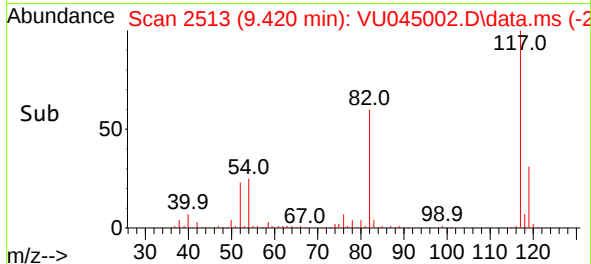
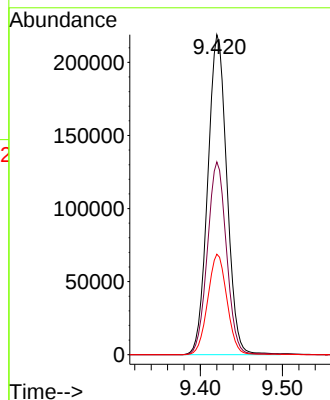
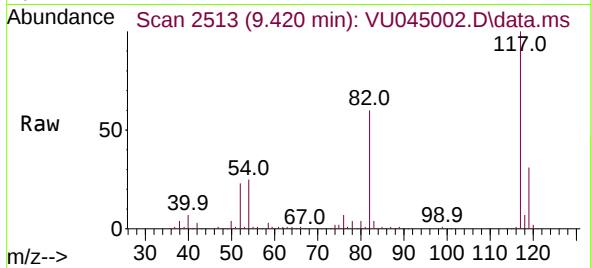


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

Tgt Ion:117 Resp: 355425

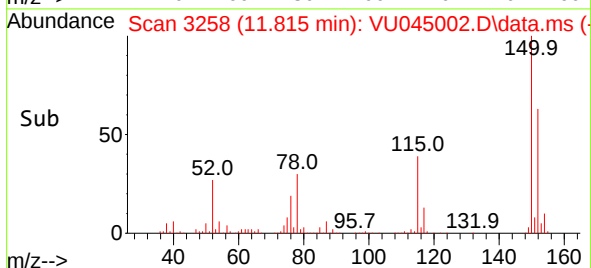
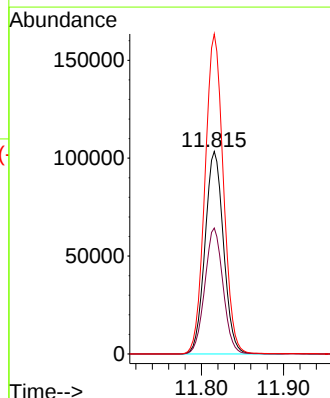
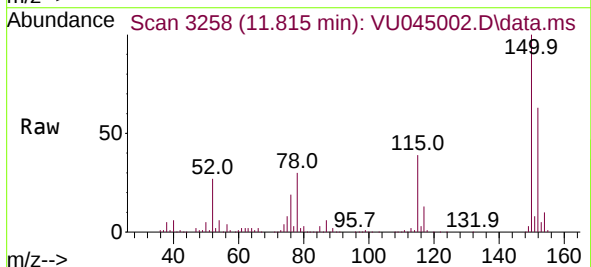
Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.8	71.8
119	31.4	25.8	38.6

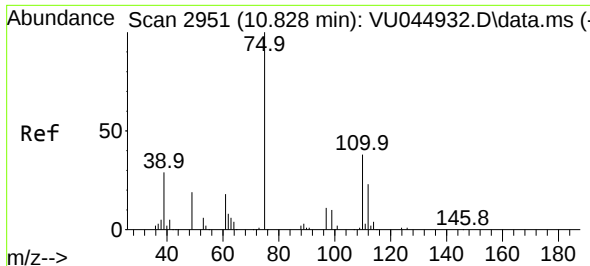


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Tgt Ion:152 Resp: 162289

Ion	Ratio	Lower	Upper
152	100		
115	61.3	43.5	130.7
150	157.1	0.0	350.0

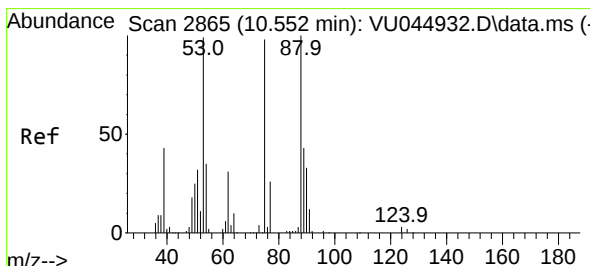
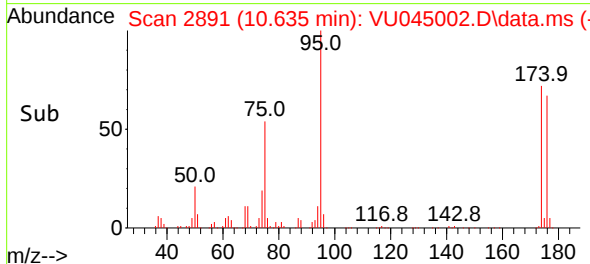
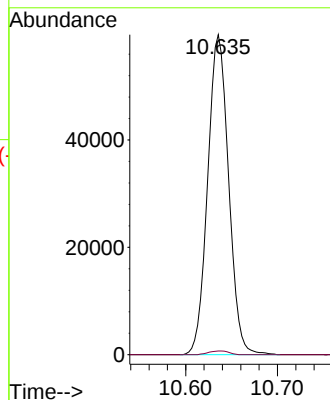
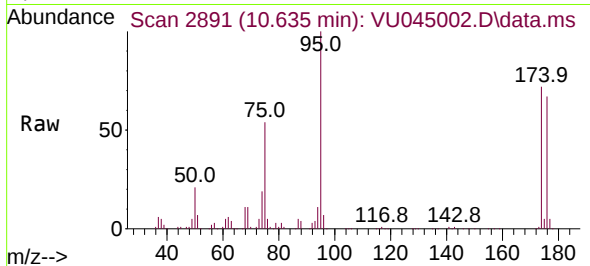




#76
1,2,3-Trichloropropane
Concen: 19.984 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 94596
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.458 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU045002.D
Acq: 29 Sep 2021 18:49

Tgt Ion: 75 Resp: 94596
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

