

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045004.D
 Acq On : 29 Sep 2021 19:36
 Operator : SY/MD
 Sample : M3920-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-092321

Quant Time: Sep 30 04:33:47 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)

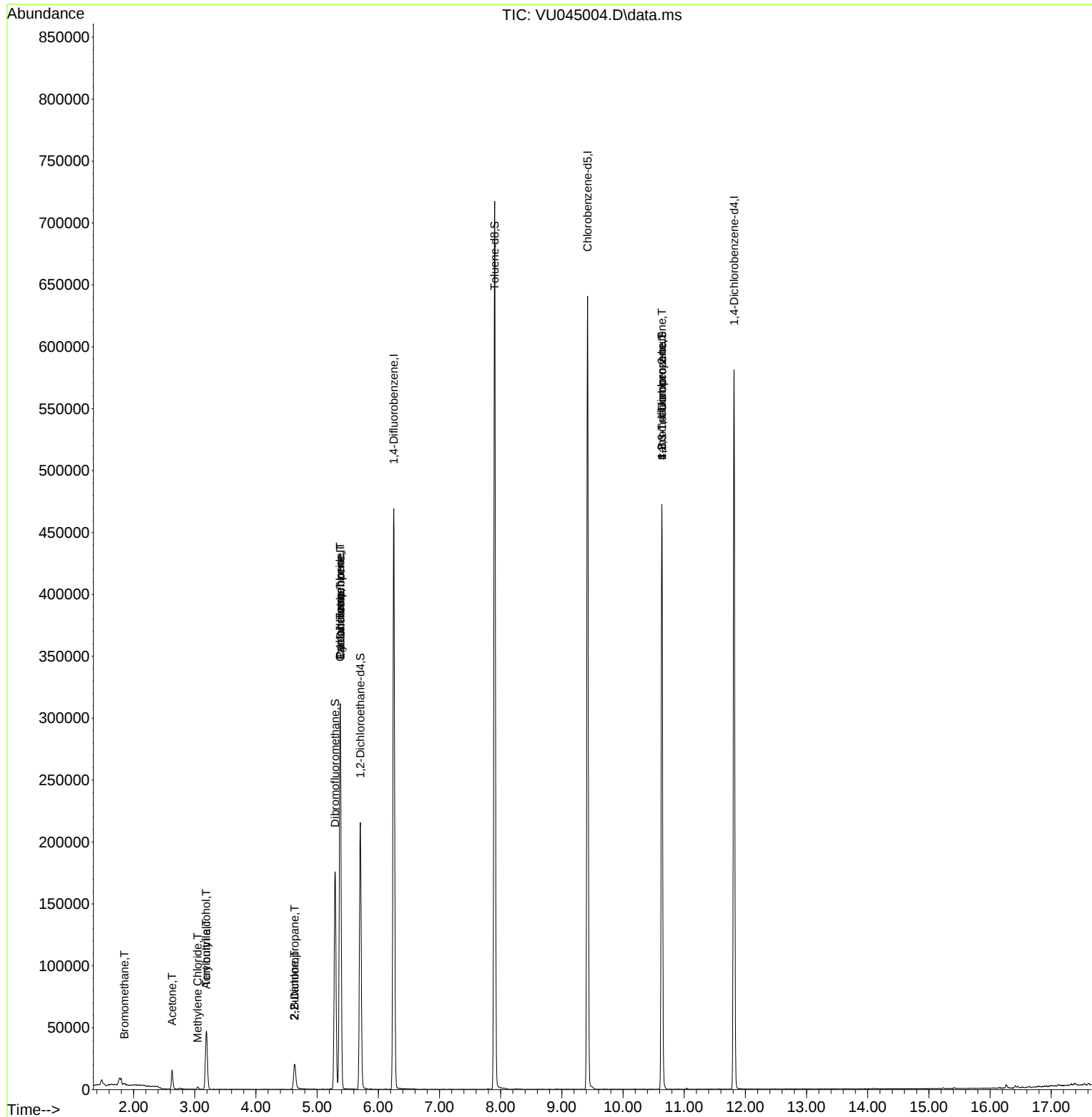
Internal Standards						
1) Pentafluorobenzene	5.379	168	205649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	363226	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	331203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	140767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	161477	47.170	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.340%
35) Dibromofluoromethane	5.295	113	113534	49.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	7.903	98	461721	50.999	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.000%
62) 4-Bromofluorobenzene	10.636	95	157367	42.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.200%
Target Compounds						
					Qvalue	
5) Bromomethane	1.851	94	623	0.482	ug/l	100
11) Tert butyl alcohol	3.189	59	28941	29.456	ug/l #	76
15) Acrylonitrile	3.186	53	464	0.234	ug/l #	17
16) Acetone	2.630	43	17359	8.543	ug/l	97
20) Methylene Chloride	3.048	84	1031	0.337	ug/l	90
25) 2-Butanone	4.629	43	854	0.296	ug/l #	48
26) 2,2-Dichloropropane	4.633	77	1227	0.274	ug/l #	54
31) Cyclohexane	5.379	56	5272	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	18935	4.985	ug/l #	50
38) Carbon Tetrachloride	5.375	117	22460	6.833	ug/l #	16
76) 1,2,3-Trichloropropane	10.636	75	84635	20.613	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	84635	57.204	ug/l #	9

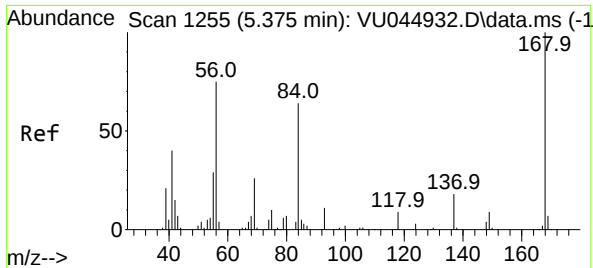
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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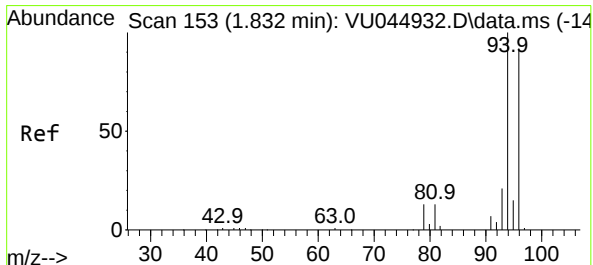
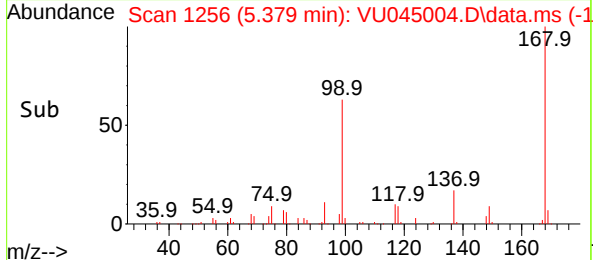
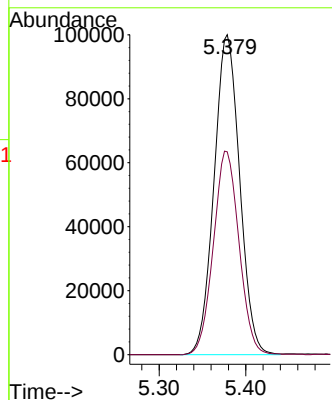
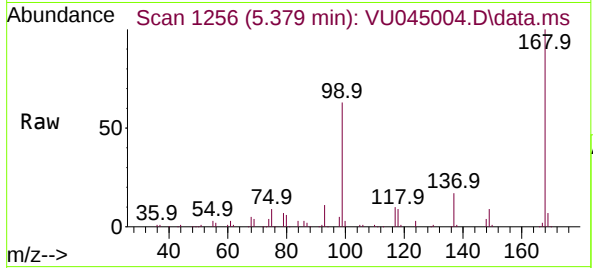




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

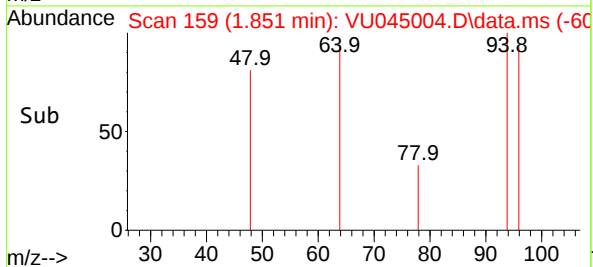
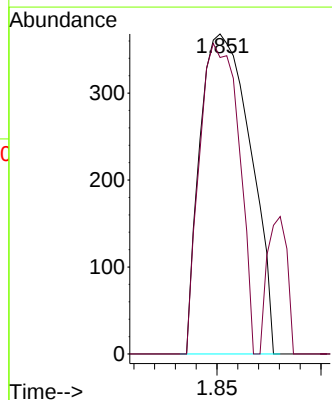
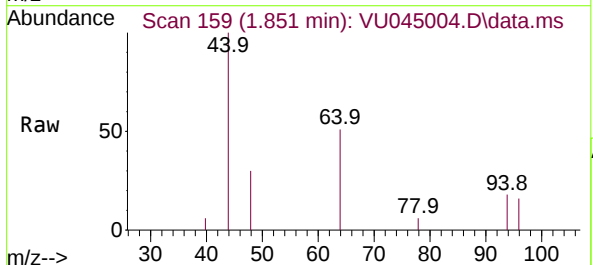
Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

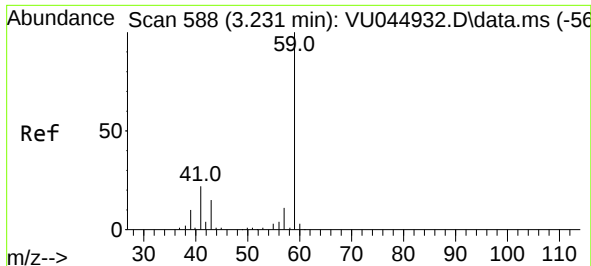
Tgt Ion:168 Resp: 205649
Ion Ratio Lower Upper
168 100
99 63.4 51.4 77.0



#5
Bromomethane
Concen: 0.482 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.019 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Tgt Ion: 94 Resp: 623
Ion Ratio Lower Upper
94 100
96 92.7 74.5 111.7



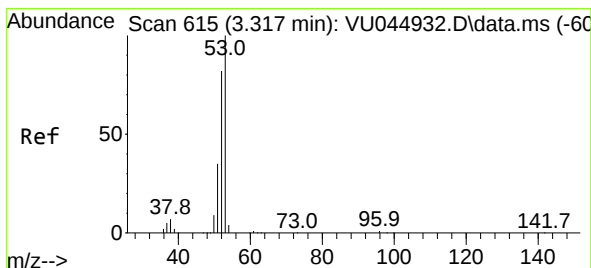
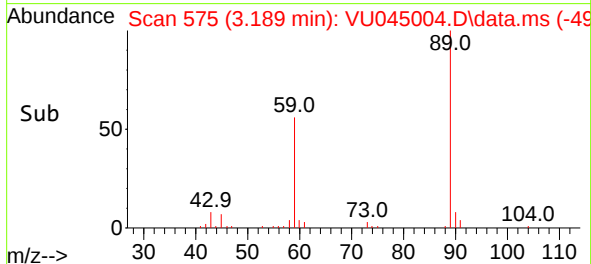
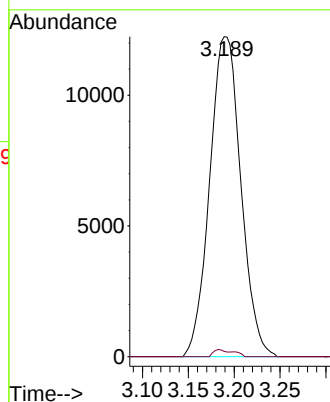
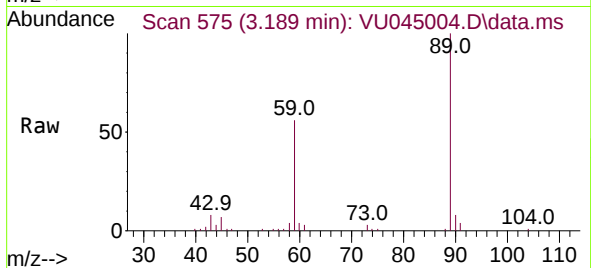


#11

Tert butyl alcohol
Concen: 29.456 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.042 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

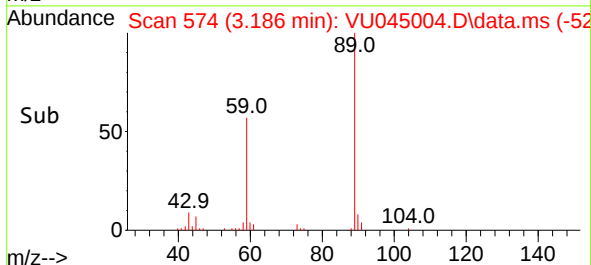
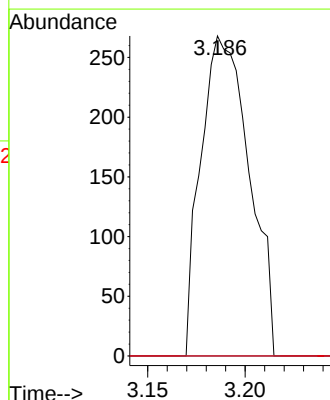
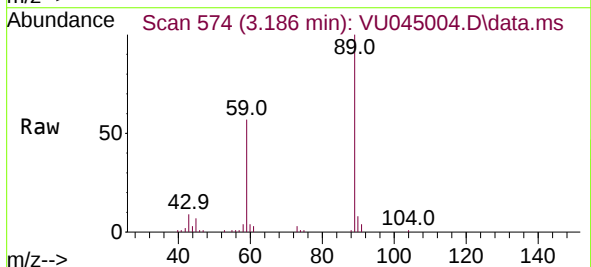
Tgt Ion: 59 Resp: 28941
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#

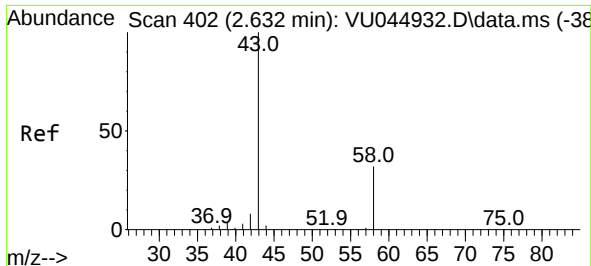


#15

Acrylonitrile
Concen: 0.234 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.131 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Tgt Ion: 53 Resp: 464
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 0.0 28.6 42.8#

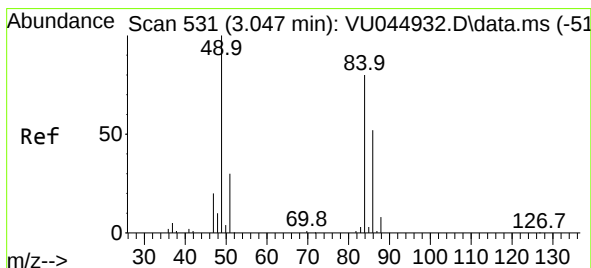
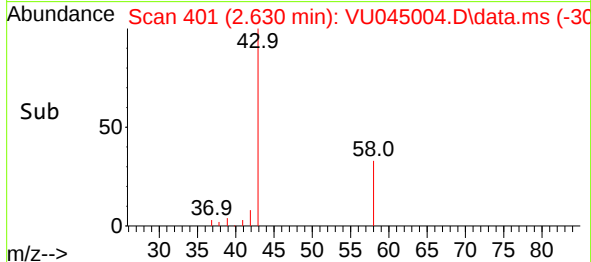
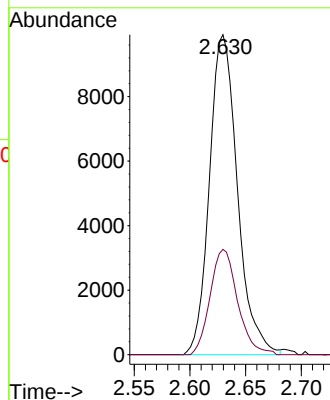
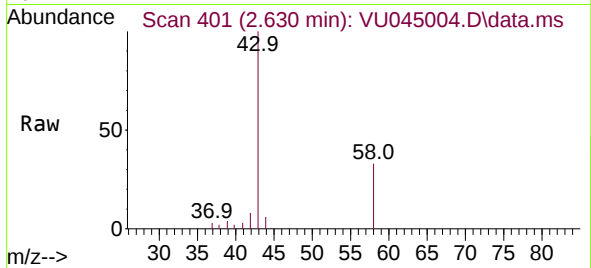




#16
Acetone
Concen: 8.543 ug/l
RT: 2.630 min Scan# 401
Delta R.T. -0.002 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

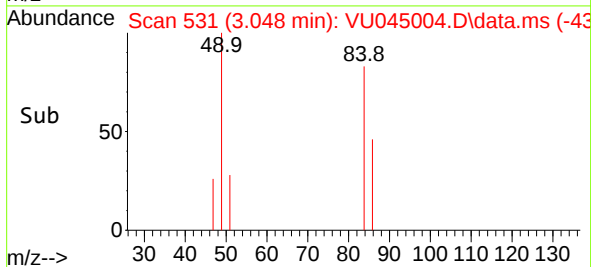
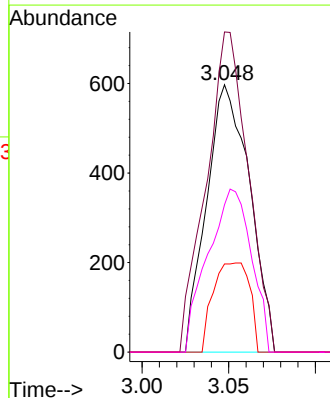
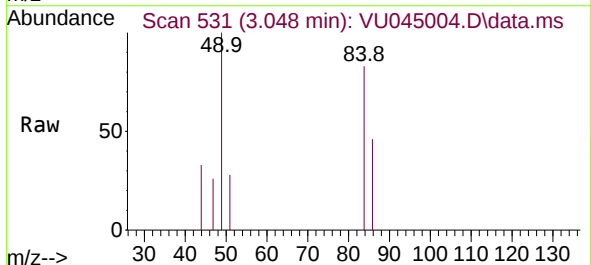
Instrument :
MSVOA_U
ClientSampled :
TB-01-092321

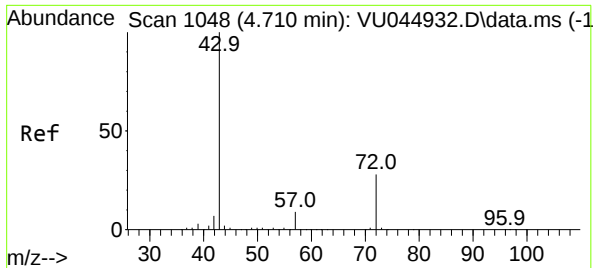
Tgt Ion: 43 Resp: 17359
Ion Ratio Lower Upper
43 100
58 32.9 25.2 37.8



#20
Methylene Chloride
Concen: 0.337 ug/l
RT: 3.048 min Scan# 531
Delta R.T. 0.001 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Tgt Ion: 84 Resp: 1031
Ion Ratio Lower Upper
84 100
49 119.8 104.9 157.3
51 33.0 31.8 47.8
86 55.1 49.8 74.6

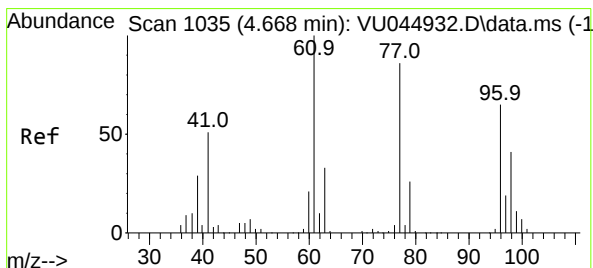
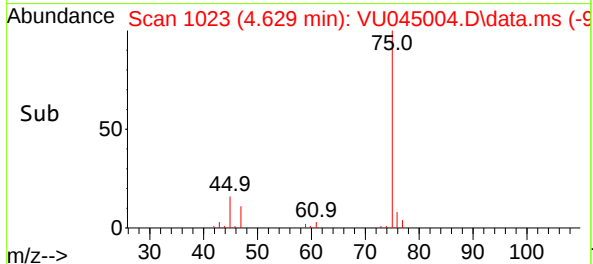
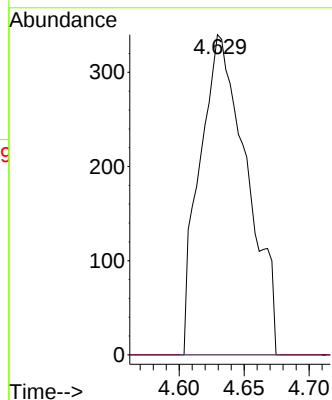
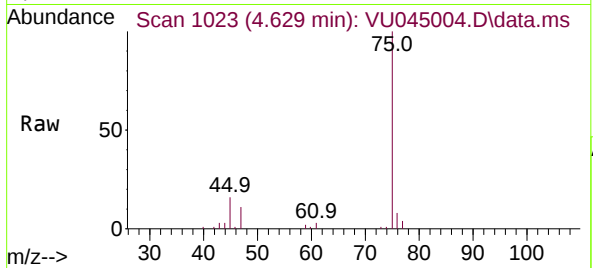




#25
2-Butanone
Concen: 0.296 ug/l
RT: 4.629 min Scan# 1023
Delta R.T. -0.081 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

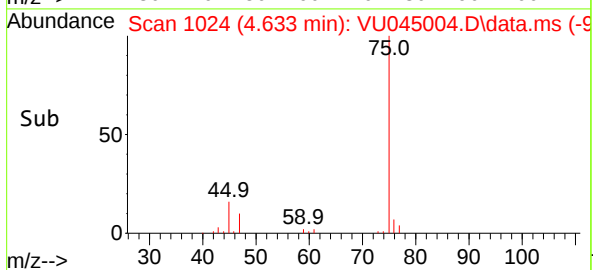
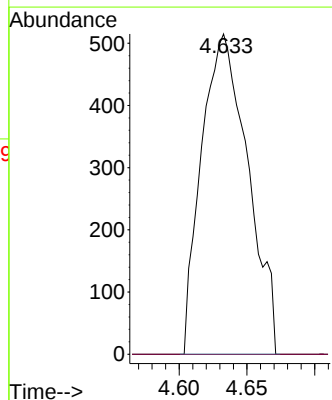
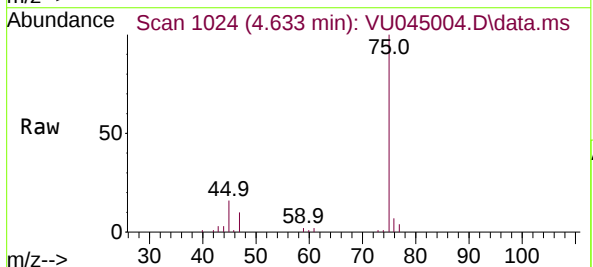
Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

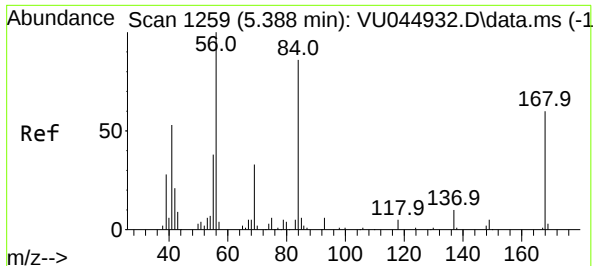
Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
72 0.0 21.3 31.9#



#26
2,2-Dichloropropane
Concen: 0.274 ug/l
RT: 4.633 min Scan# 1024
Delta R.T. -0.035 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Tgt Ion: 77 Resp: 1227
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#

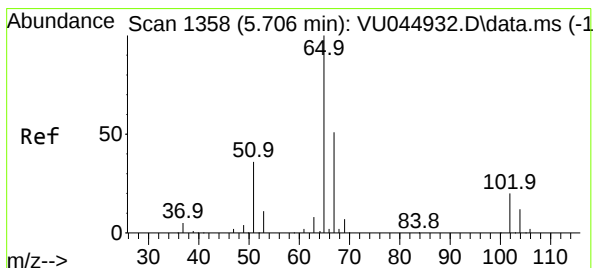
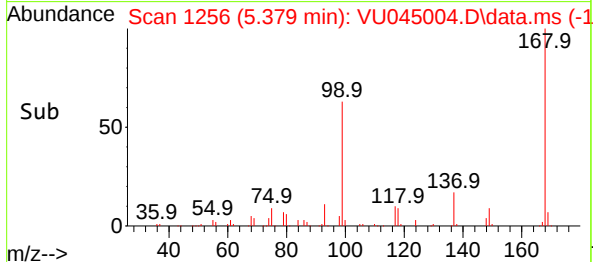
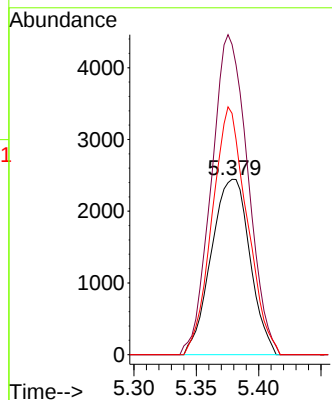
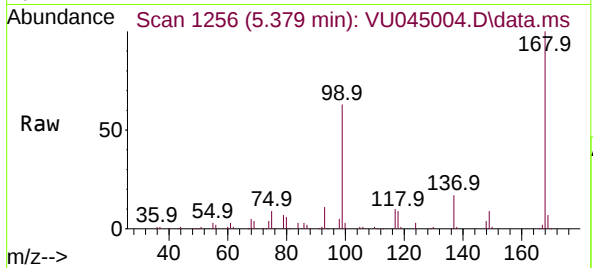




#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.009 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

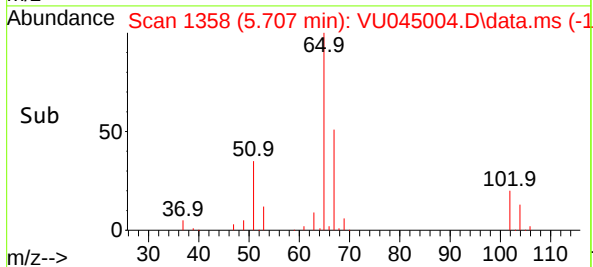
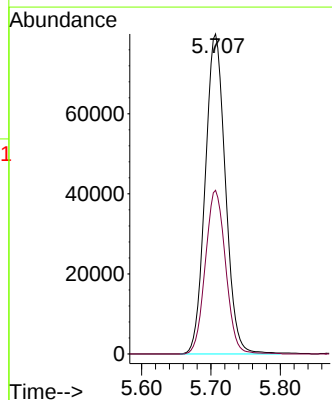
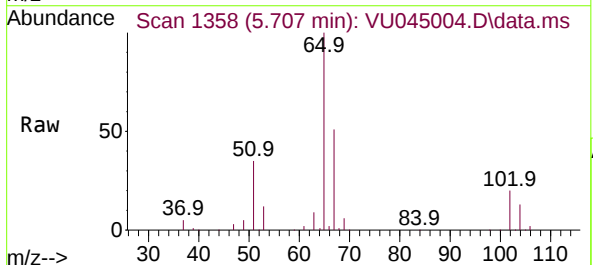
Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

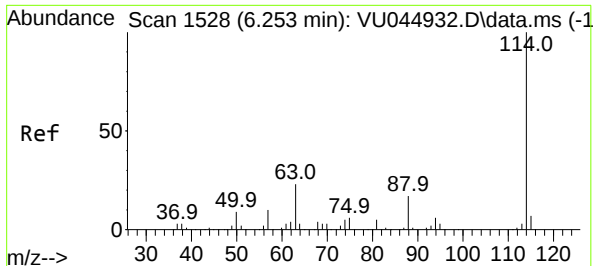
Tgt Ion: 56 Resp: 5272
Ion Ratio Lower Upper
56 100
69 177.0 25.2 37.8#
84 137.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 47.170 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.001 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Tgt Ion: 65 Resp: 161477
Ion Ratio Lower Upper
65 100
67 51.4 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: VU045004.D

Acq: 29 Sep 2021 19:36

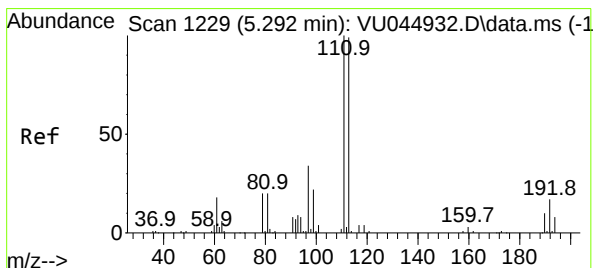
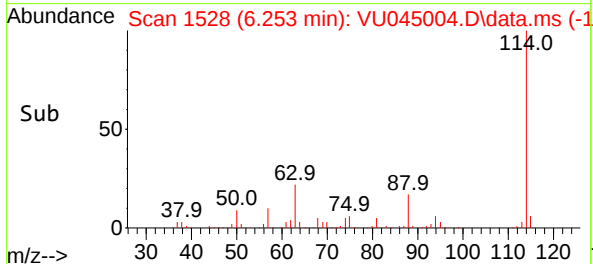
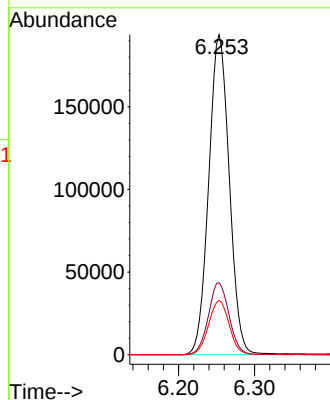
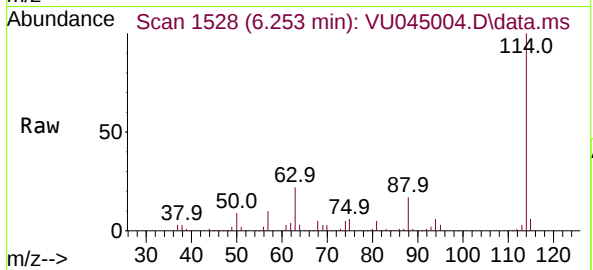
Tgt Ion:114 Resp: 363226

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.8

88 17.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.549 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045004.D

Acq: 29 Sep 2021 19:36

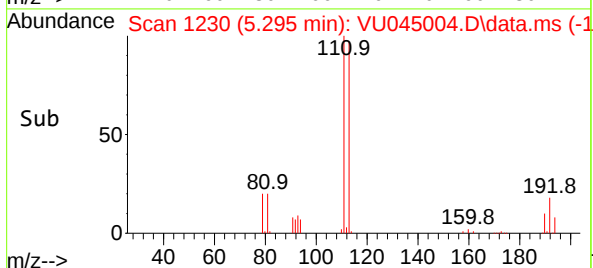
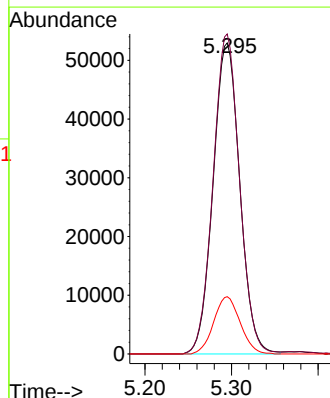
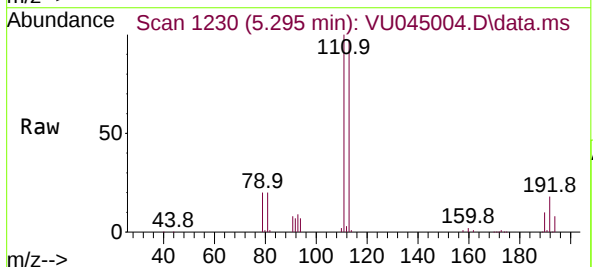
Tgt Ion:113 Resp: 113534

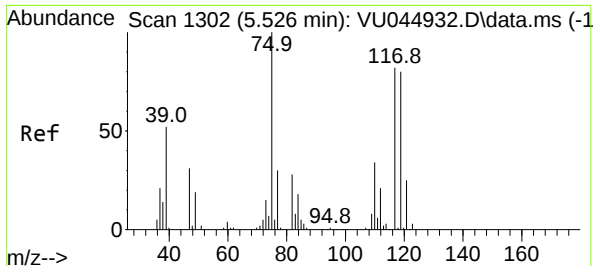
Ion Ratio Lower Upper

113 100

111 101.8 84.1 126.1

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.985 ug/l

RT: 5.379 min Scan# 1256

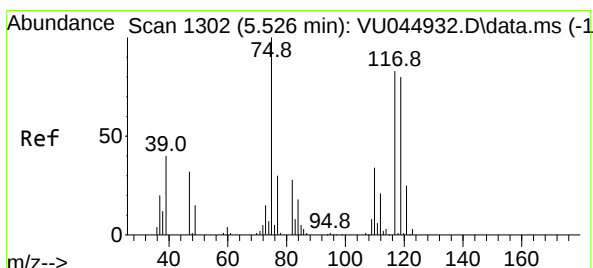
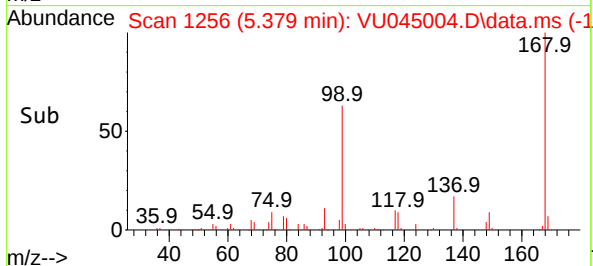
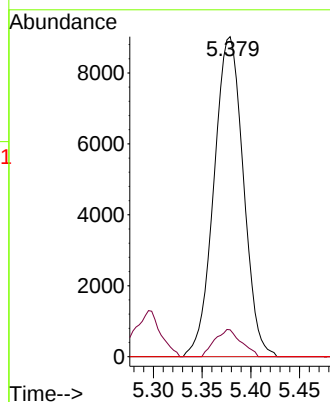
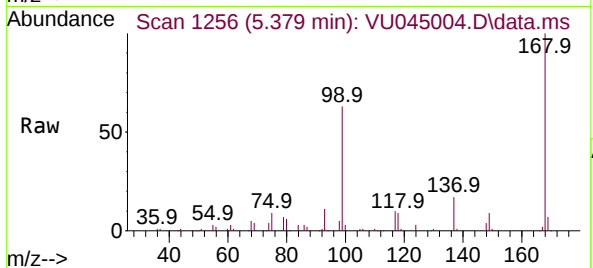
Delta R.T. -0.147 min

Lab File: VU045004.D

Acq: 29 Sep 2021 19:36

Tgt Ion:	75	Resp:	18935
Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321



#38

Carbon Tetrachloride

Concen: 6.833 ug/l

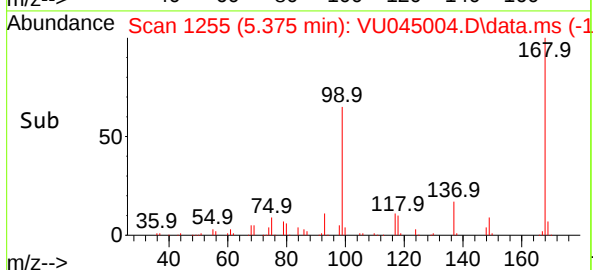
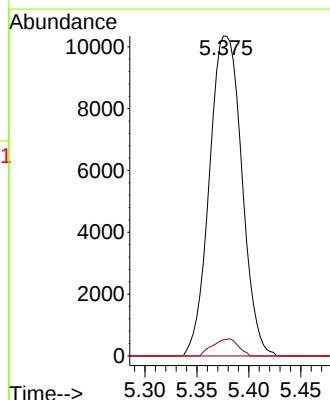
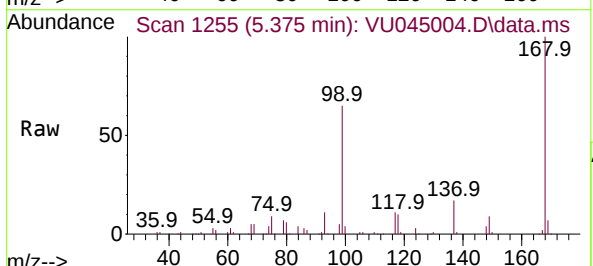
RT: 5.375 min Scan# 1255

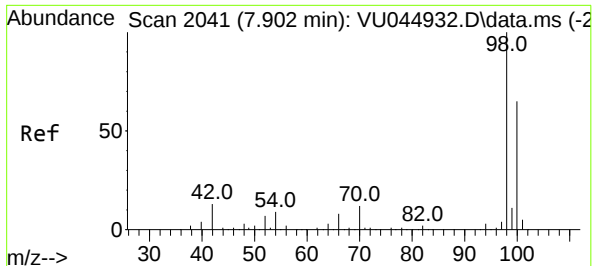
Delta R.T. -0.151 min

Lab File: VU045004.D

Acq: 29 Sep 2021 19:36

Tgt Ion:	117	Resp:	22460
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.2#
121	0.0	24.5	36.7#

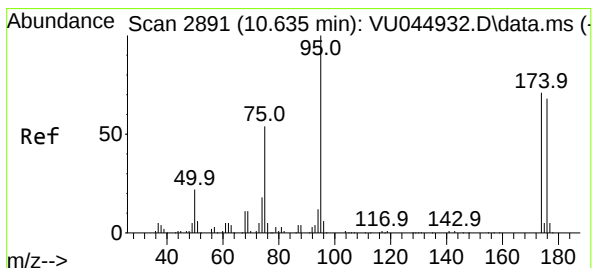
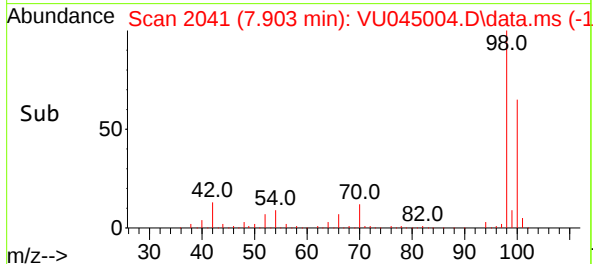
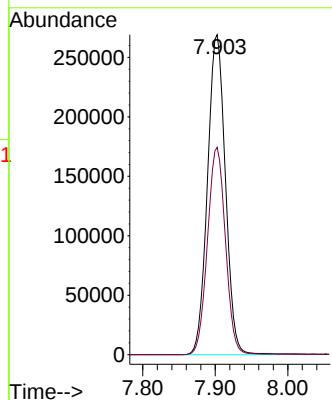
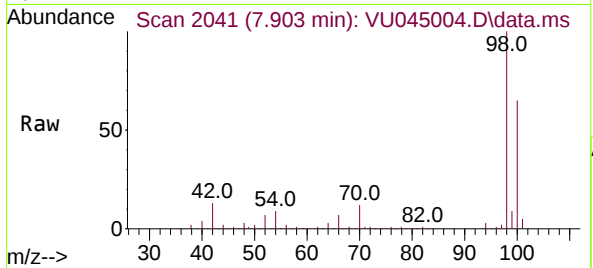




#50
Toluene-d8
Concen: 50.999 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

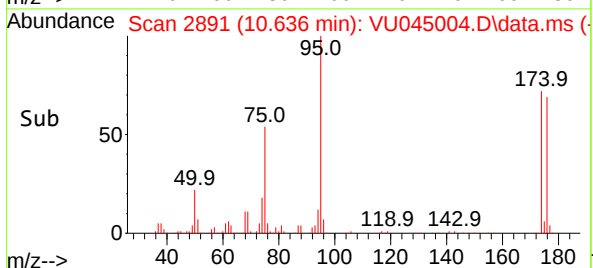
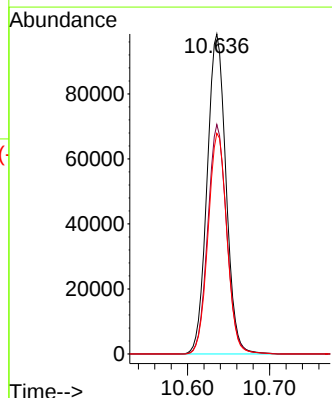
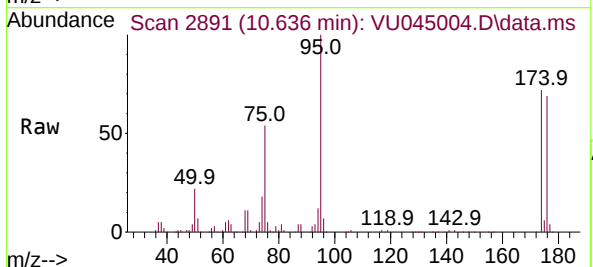
Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

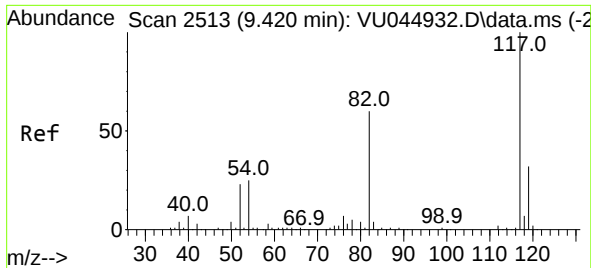
Tgt Ion: 98 Resp: 461721
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.102 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Tgt Ion: 95 Resp: 157367
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.6
176 68.8 0.0 141.2

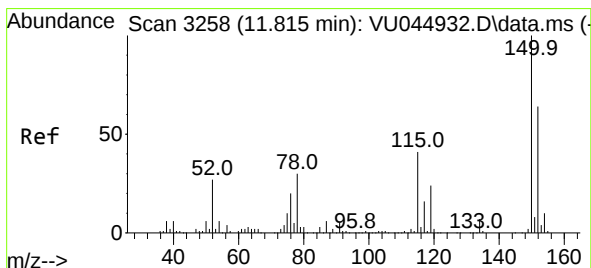
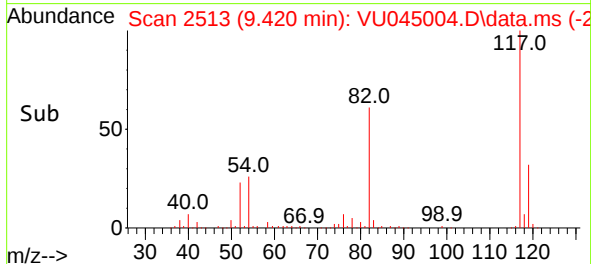
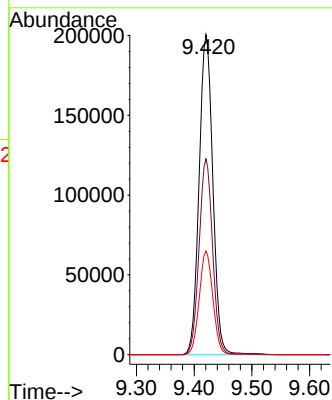
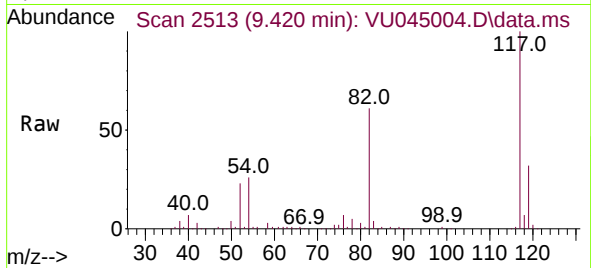




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

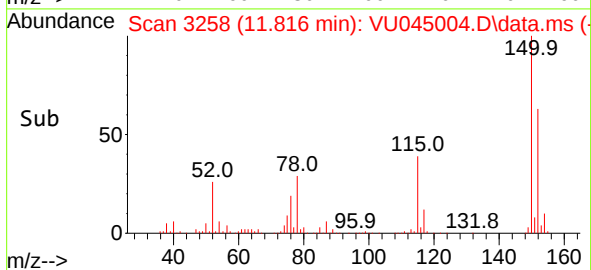
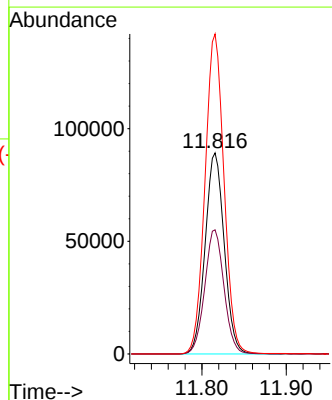
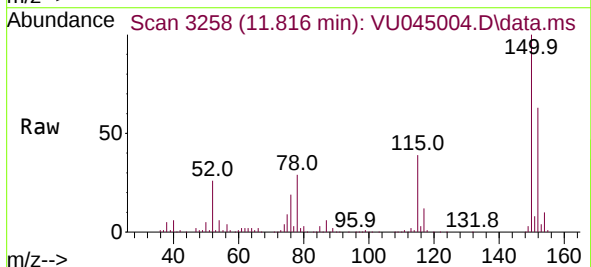
Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

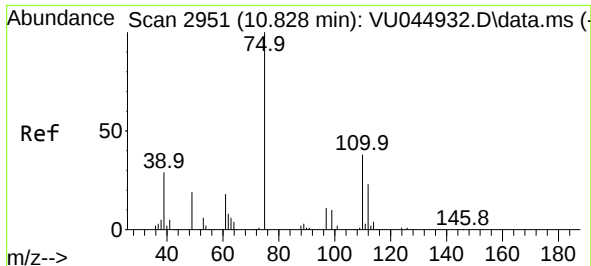
Tgt Ion:117 Resp: 331203
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Tgt Ion:152 Resp: 140767
Ion Ratio Lower Upper
152 100
115 62.2 43.5 130.7
150 158.4 0.0 350.0

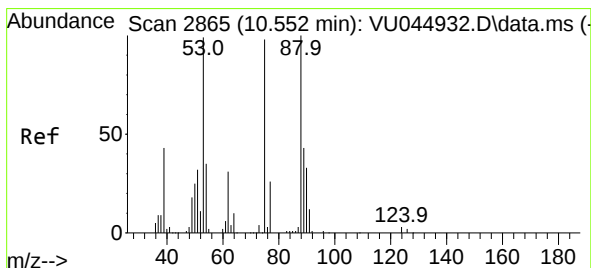
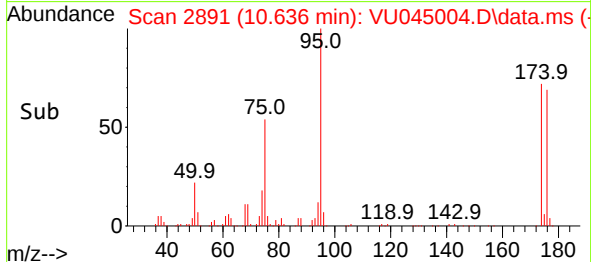
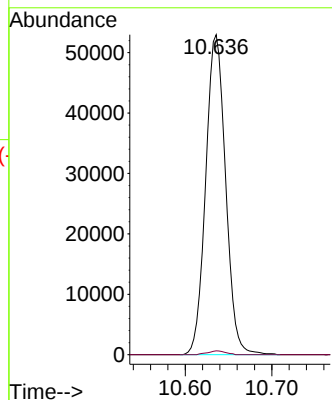
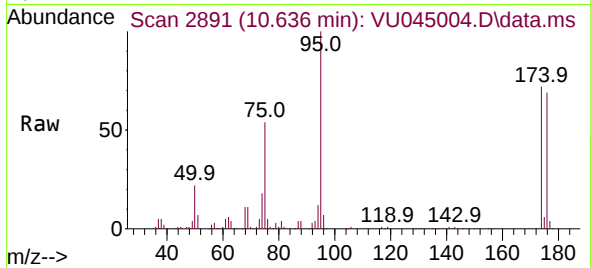




#76
1,2,3-Trichloropropane
Concen: 20.613 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

Tgt Ion: 75 Resp: 84635
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.204 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU045004.D
Acq: 29 Sep 2021 19:36

Tgt Ion: 75 Resp: 84635
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

