

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022322\
 Data File : VU047245.D
 Acq On : 23 Feb 2022 12:20
 Operator : SY/MD
 Sample : N1637-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 24 05:58:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

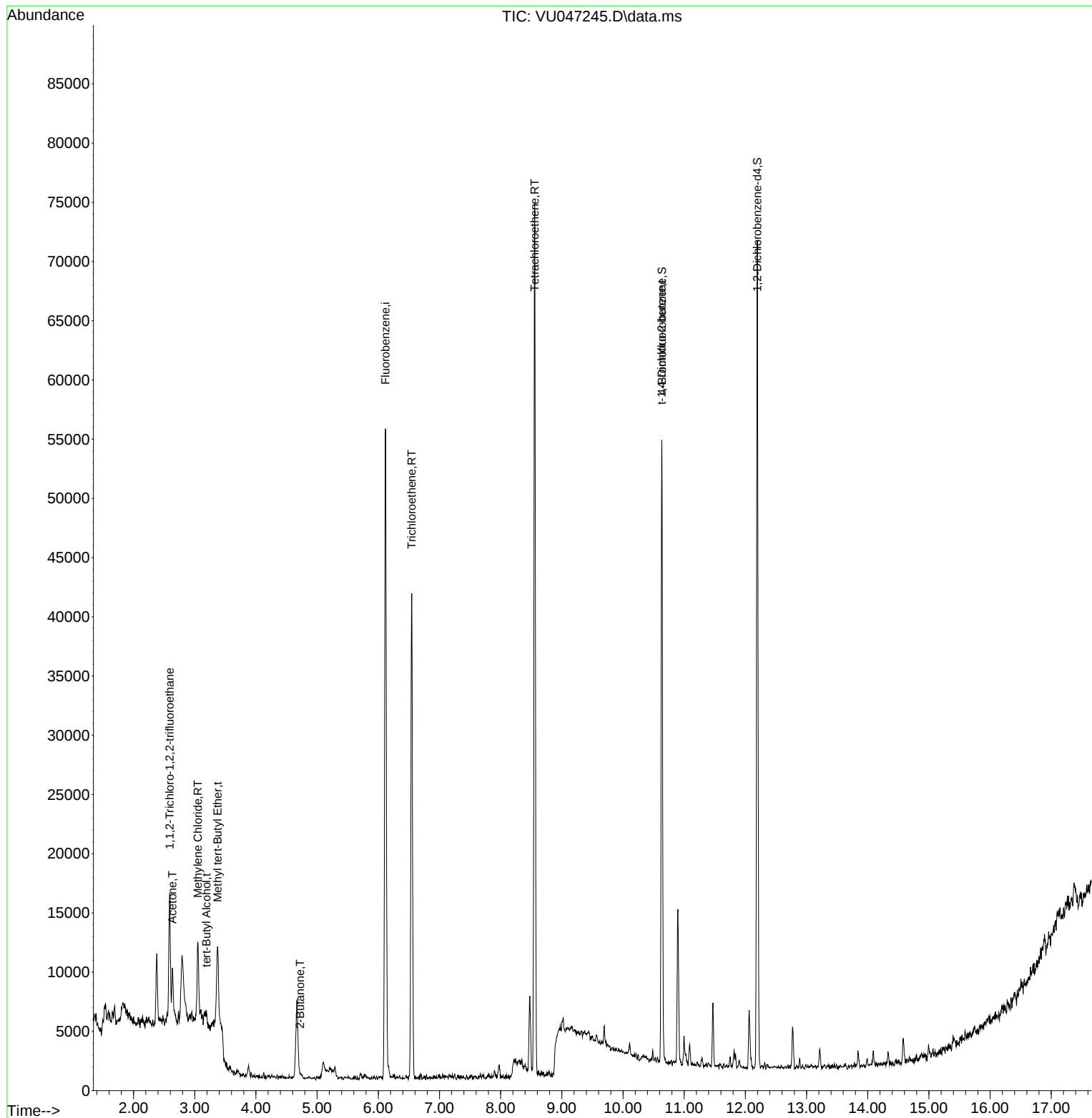
Internal Standards						
1) Fluorobenzene	6.118	96	50466	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	17621	0.901	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	19421	0.954	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	3486	0.301	ug/l	# 83
13) Acetone	2.636	43	5372	0.507	ug/l	97
15) Methylene Chloride	3.051	84	3122	0.233	ug/l	88
18) 2-Butanone	4.723	43	910	0.258	ug/l	77
24) tert-Butyl Alcohol	3.192	59	305	0.486	ug/l	# 1
25) Methyl tert-Butyl Ether	3.372	73	7035	0.210	ug/l	# 85
37) Trichloroethene	6.546	130	14255	0.991	ug/l	93
46) t-1,4-Dichloro-2-butene	10.632	75	8587	1.966	ug/l	# 22
58) Tetrachloroethene	8.555	164	16705	1.258	ug/l	98

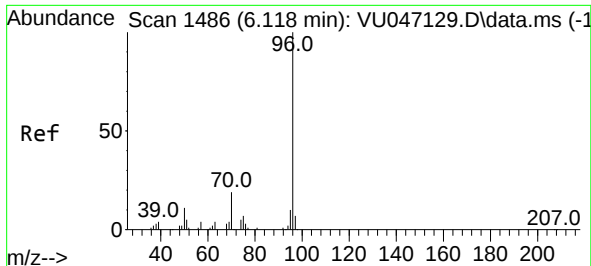
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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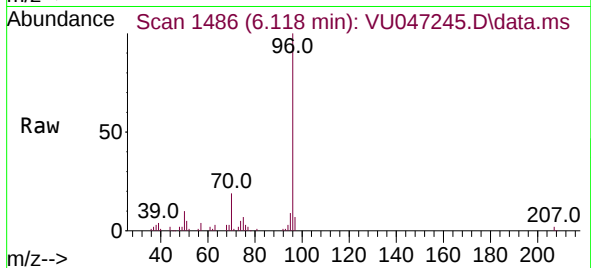
Quant Time: Feb 24 05:58:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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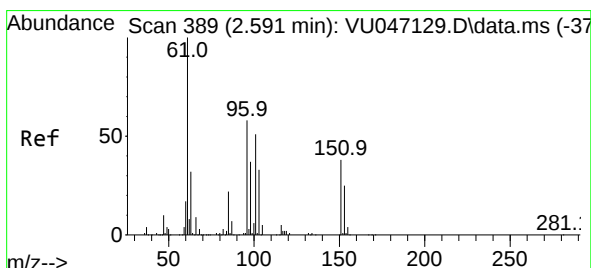
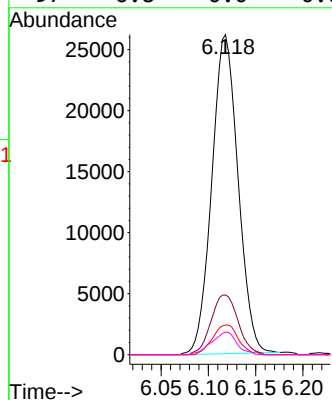
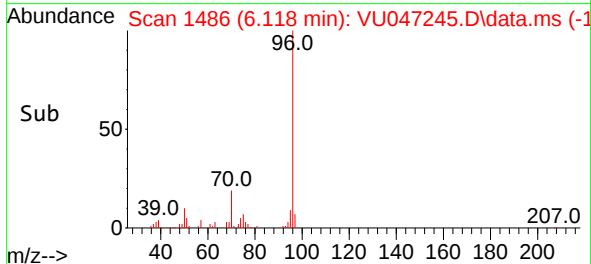


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047245.D
Acq: 23 Feb 2022 12:20

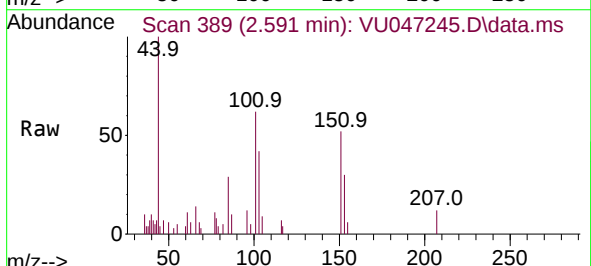
Instrument :
MSVOA_U
ClientSampleId :



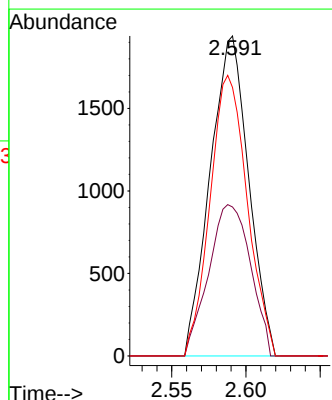
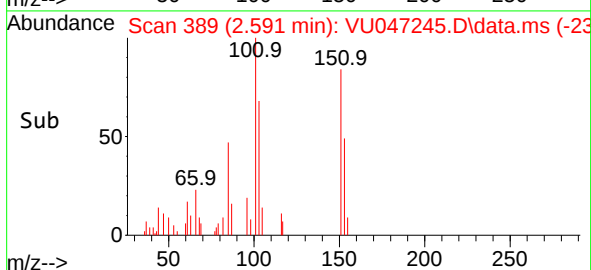
Tgt Ion: 96 Resp: 50466
Ion Ratio Lower Upper
96 100
70 19.4 16.8 25.2
95 9.2 7.3 10.9
97 6.8 0.0 0.0#

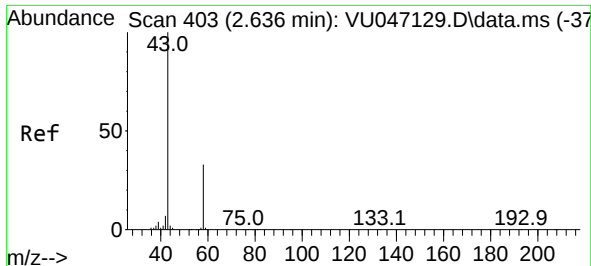


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.301 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.000 min
Lab File: VU047245.D
Acq: 23 Feb 2022 12:20



Tgt Ion: 101 Resp: 3486
Ion Ratio Lower Upper
101 100
85 51.5 35.8 53.6
151 85.1 54.6 81.8#





#13

Acetone

Concen: 0.507 ug/l

RT: 2.636 min Scan# 403

Delta R.T. -0.000 min

Lab File: VU047245.D

Acq: 23 Feb 2022 12:20

Instrument :

MSVOA_U

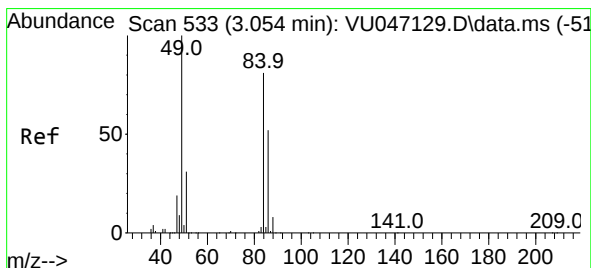
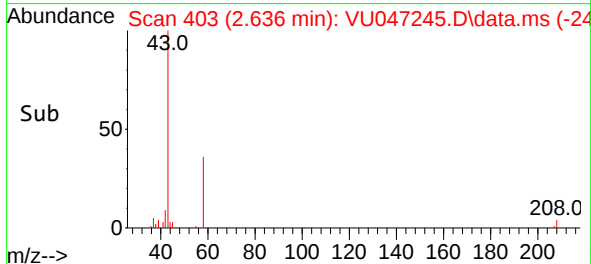
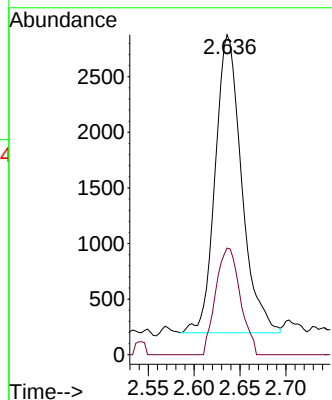
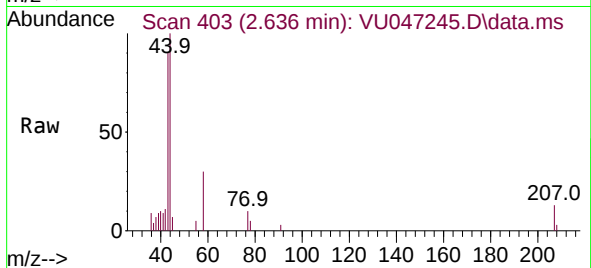
ClientSampleId :

Tgt Ion: 43 Resp: 5372

Ion Ratio Lower Upper

43 100

58 35.8 27.1 40.7



#15

Methylene Chloride

Concen: 0.233 ug/l

RT: 3.051 min Scan# 532

Delta R.T. -0.003 min

Lab File: VU047245.D

Acq: 23 Feb 2022 12:20

Tgt Ion: 84 Resp: 3122

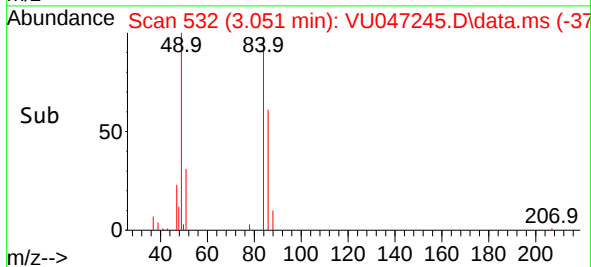
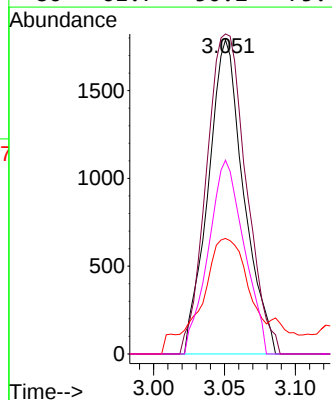
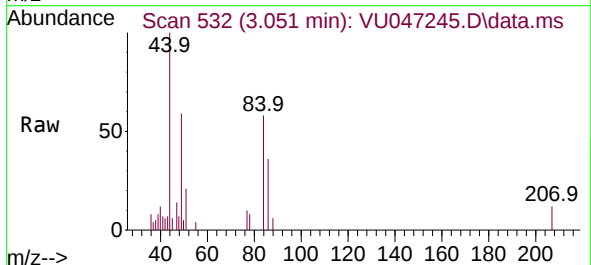
Ion Ratio Lower Upper

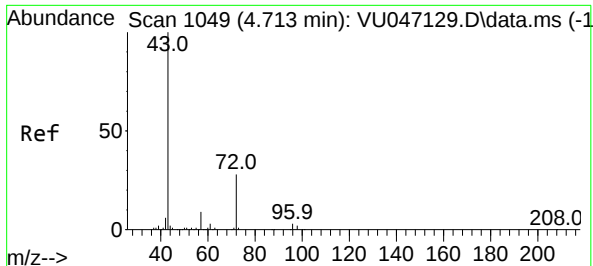
84 100

49 101.9 97.2 145.8

51 30.5 0.0 73.4

86 61.7 50.2 75.4





#18

2-Butanone

Concen: 0.258 ug/l

RT: 4.723 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU047245.D

Acq: 23 Feb 2022 12:20

Instrument :

MSVOA_U

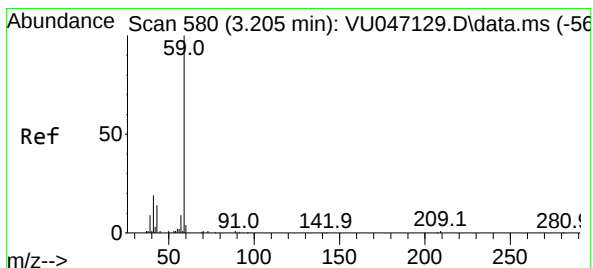
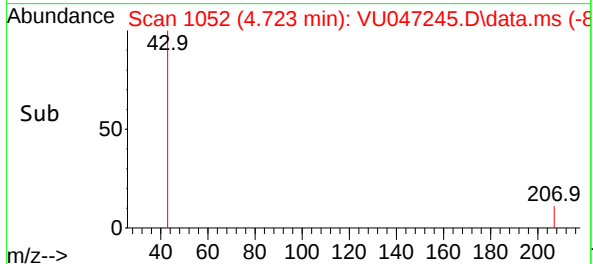
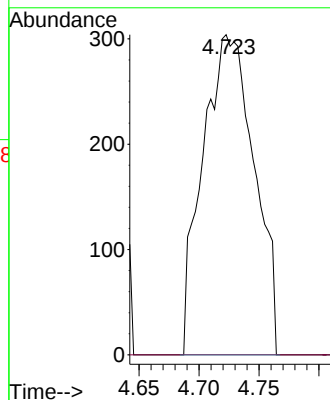
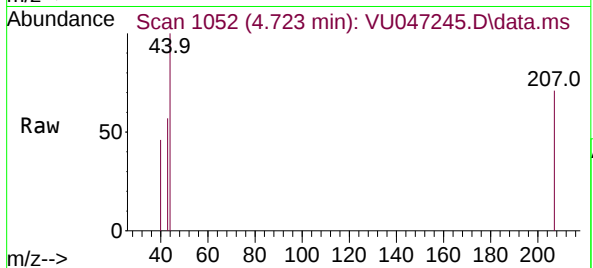
ClientSampleId :

Tgt Ion: 43 Resp: 910

Ion Ratio Lower Upper

43 100

57 0.0 0.0 16.6



#24

tert-Butyl Alcohol

Concen: 0.486 ug/l

RT: 3.192 min Scan# 576

Delta R.T. -0.013 min

Lab File: VU047245.D

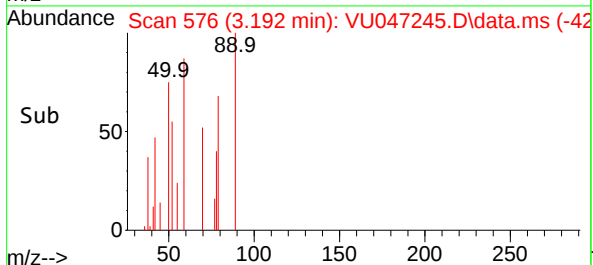
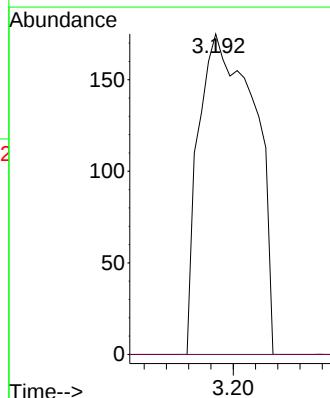
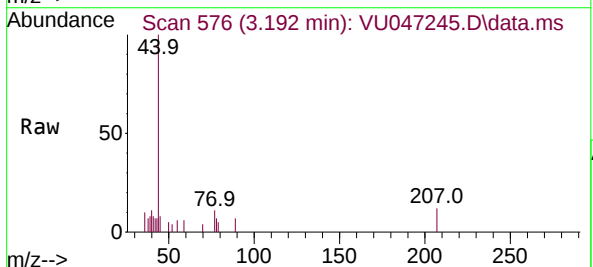
Acq: 23 Feb 2022 12:20

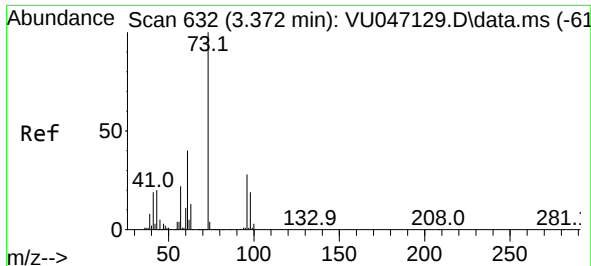
Tgt Ion: 59 Resp: 305

Ion Ratio Lower Upper

59 100

57 604.3 6.5 9.7#

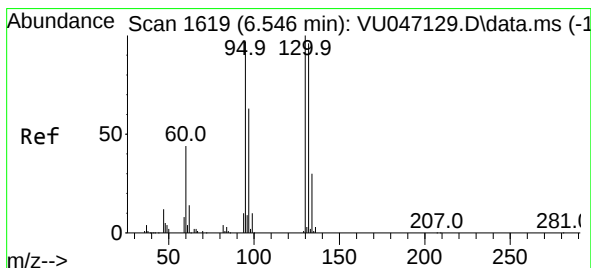
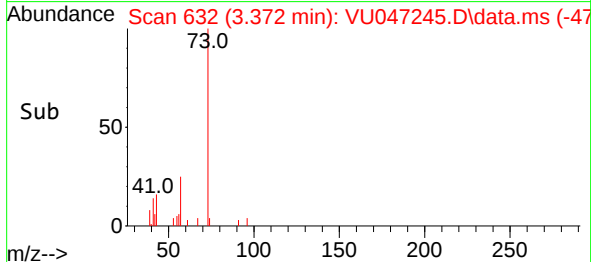
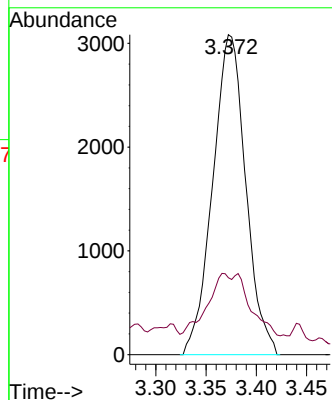
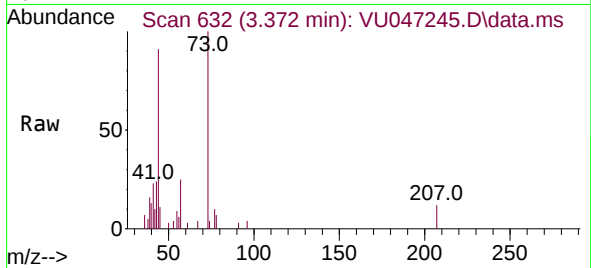




#25
Methyl tert-Butyl Ether
Concen: 0.210 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047245.D
Acq: 23 Feb 2022 12:20

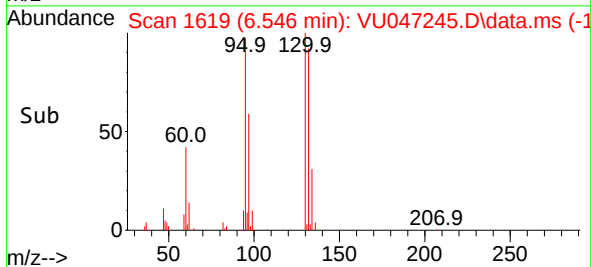
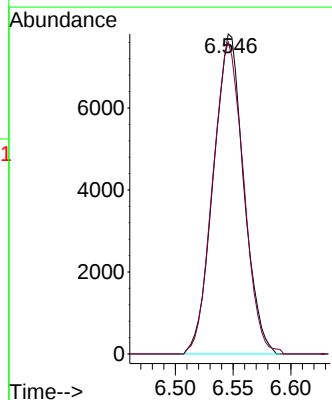
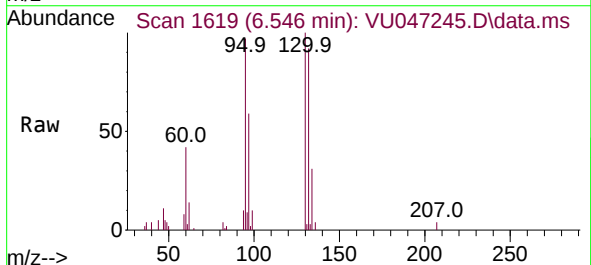
Instrument :
MSVOA_U
ClientSampleId :

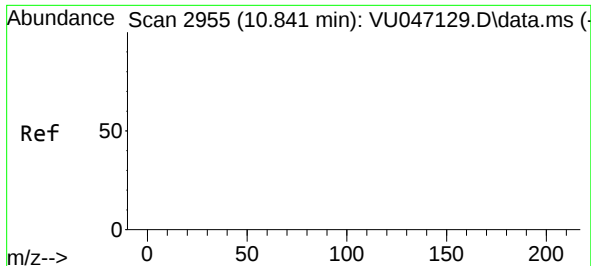
Tgt Ion: 73 Resp: 7035
Ion Ratio Lower Upper
73 100
43 13.5 16.3 24.5#



#37
Trichloroethene
Concen: 0.991 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047245.D
Acq: 23 Feb 2022 12:20

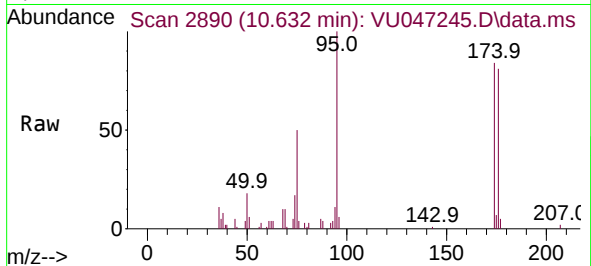
Tgt Ion:130 Resp: 14255
Ion Ratio Lower Upper
130 100
95 97.5 83.8 125.8



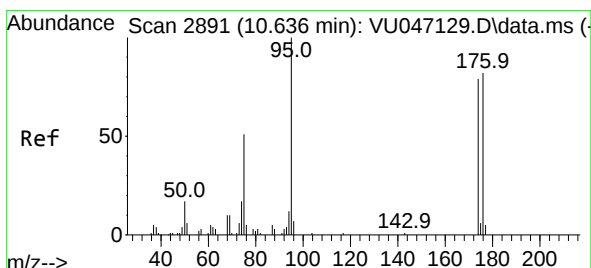
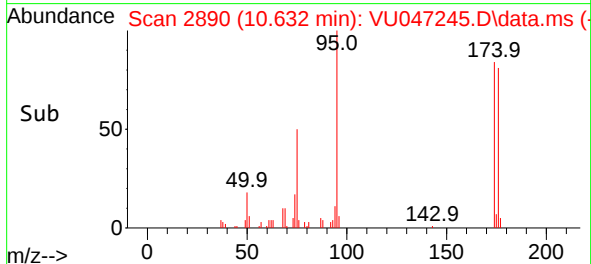
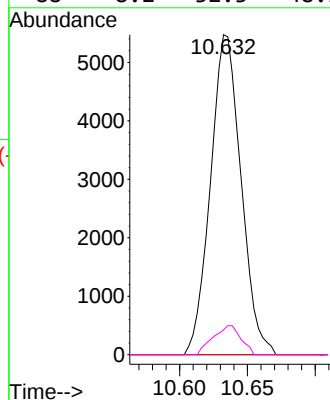


#46
t-1,4-Dichloro-2-butene
Concen: 1.966 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.209 min
Lab File: VU047245.D
Acq: 23 Feb 2022 12:20

Instrument :
MSVOA_U
ClientSampleId :

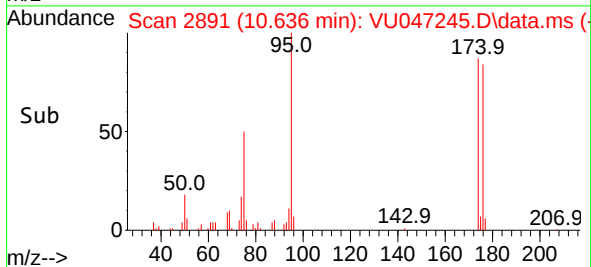
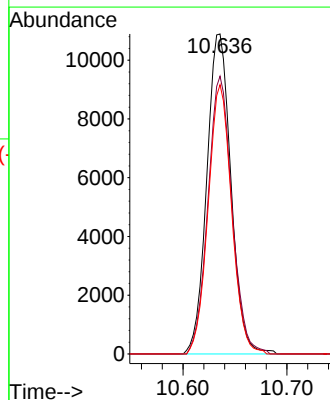
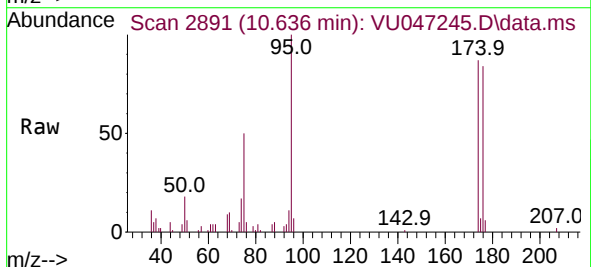


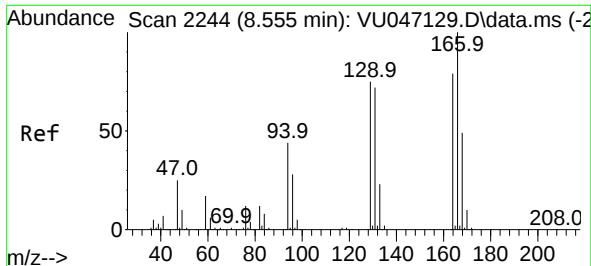
Tgt Ion: 75 Resp: 8587
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 41.7 62.5#
88 8.2 32.3 48.5#



#57
4-Bromofluorobenzene
Concen: 0.901 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047245.D
Acq: 23 Feb 2022 12:20

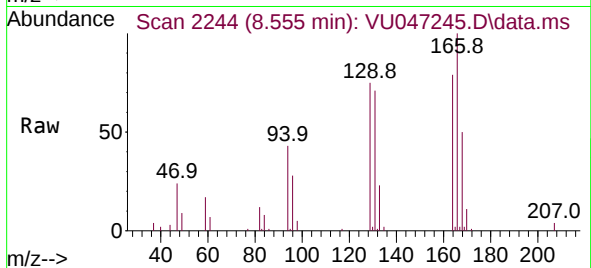
Tgt Ion: 95 Resp: 17621
Ion Ratio Lower Upper
95 100
174 86.4 56.6 84.8#
176 81.6 54.3 81.5#



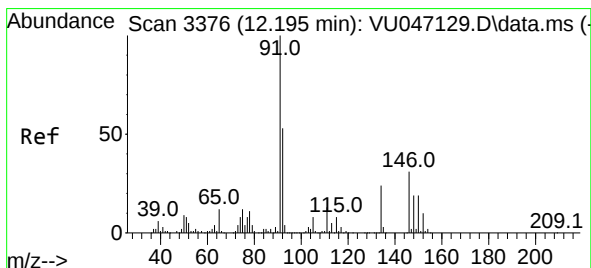
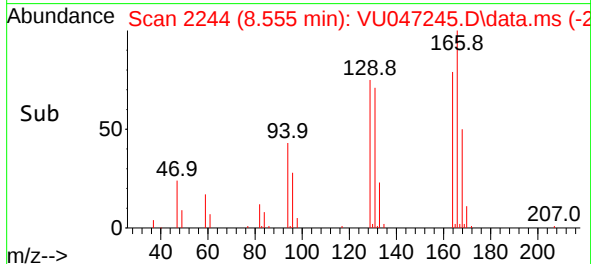
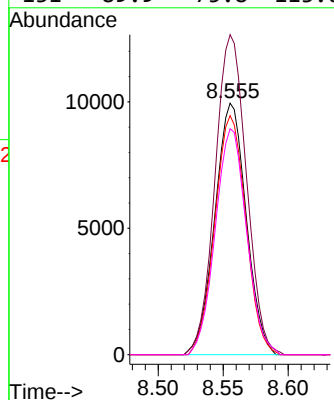


#58
Tetrachloroethene
Concen: 1.258 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047245.D
Acq: 23 Feb 2022 12:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 16705
Ion Ratio Lower Upper
164 100
166 127.2 102.0 153.0
129 95.0 77.1 115.7
131 89.9 75.8 113.6



#68
1,2-Dichlorobenzene-d4
Concen: 0.954 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047245.D
Acq: 23 Feb 2022 12:20

Tgt Ion:152 Resp: 19421
Ion Ratio Lower Upper
152 100
115 59.2 0.0 251.0
150 154.6 0.0 613.8

