

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043586.D
 Acq On : 06 May 2021 16:23
 Operator : SY/MD
 Sample : M2313-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 210505001-01-TRIP-BLANK

Quant Time: May 07 02:05:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

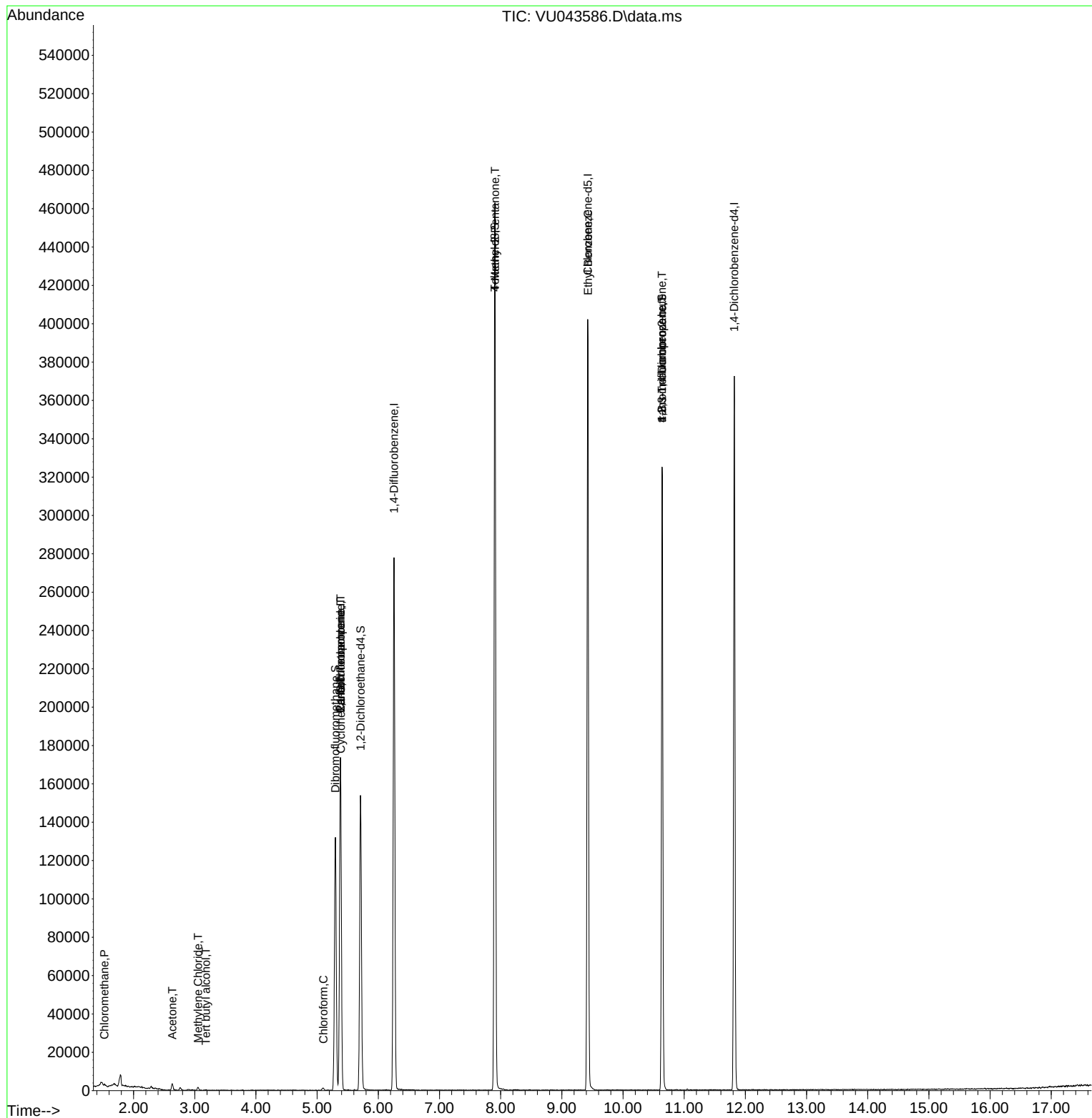
Internal Standards						
1) Pentafluorobenzene	5.382	168	110618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	197660	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	196803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	87431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	117409	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	5.298	113	80340	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	7.906	98	279858	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	10.639	95	95767	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	794	0.71	ug/l	95
11) Tert butyl alcohol	3.183	59	146	0.24	ug/l #	73
16) Acetone	2.633	43	3844	3.09	ug/l	91
20) Methylene Chloride	3.054	84	545	0.31	ug/l	90
30) Chloroform	5.102	83	1075	0.35	ug/l #	65
31) Cyclohexane	5.388	56	3174	1.19	ug/l #	29
36) 1,1-Dichloropropene	5.382	75	10516	4.69	ug/l #	50
38) Carbon Tetrachloride	5.382	117	11455	5.04	ug/l #	16
51) 4-Methyl-2-Pentanone	7.909	43	1700	19.53	ug/l #	1
67) Ethyl Benzene	9.427	91	495	1.51	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	55775	20.06	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	55775	65.34	ug/l #	3

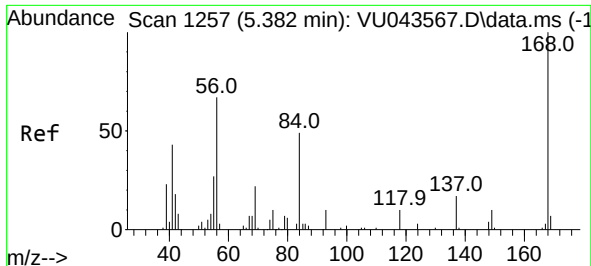
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
Data File : VU043586.D
Acq On : 06 May 2021 16:23
Operator : SY/MD
Sample : M2313-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
210505001-01-TRIP-BLANK

Quant Time: May 07 02:05:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
QLast Update : Thu May 06 07:26:23 2021
Response via : Initial Calibration

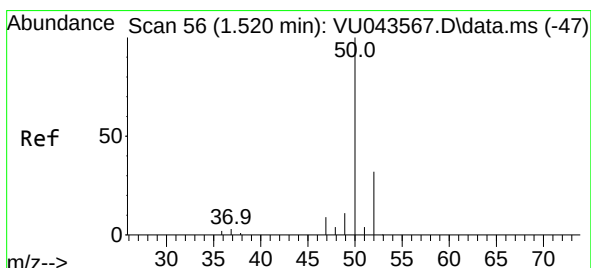
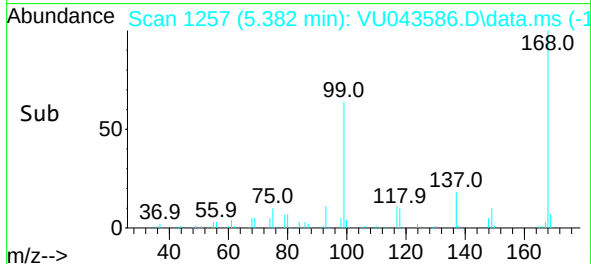
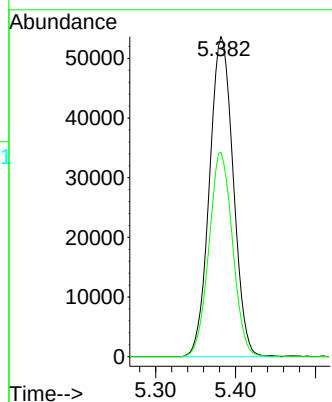
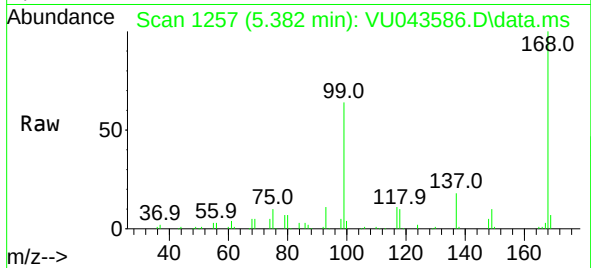




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

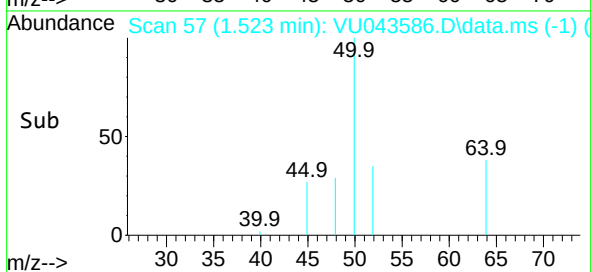
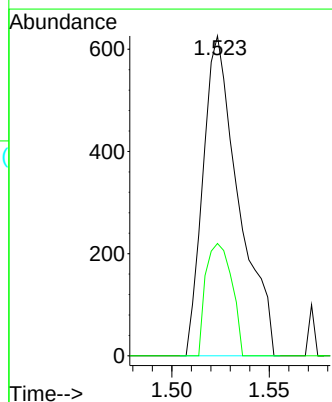
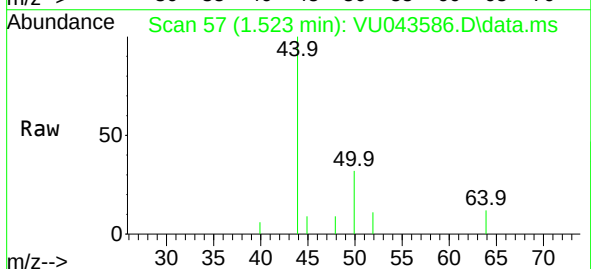
Instrument :
MSVOA_U
ClientSampleId :
210505001-01-TRIP-BLANK

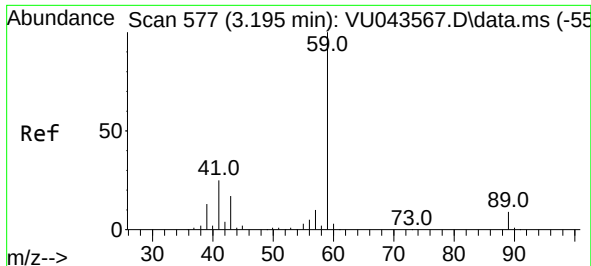
Tgt Ion:168 Resp: 110618
Ion Ratio Lower Upper
168 100
99 63.9 49.0 73.6



#3
Chloromethane
Concen: 0.71 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

Tgt Ion: 50 Resp: 794
Ion Ratio Lower Upper
50 100
52 35.1 25.9 38.9



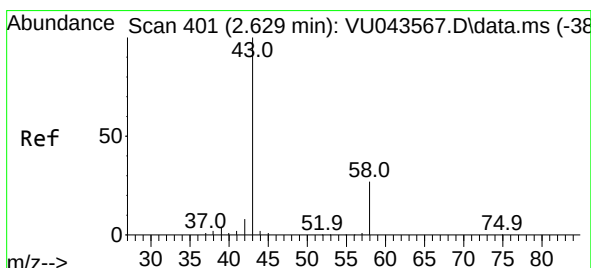
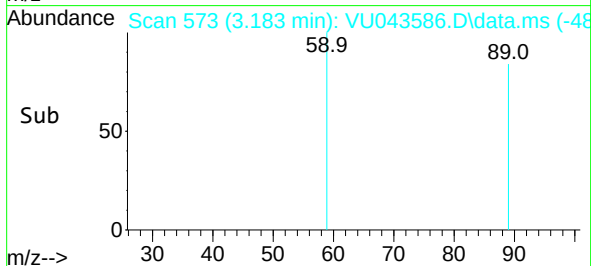
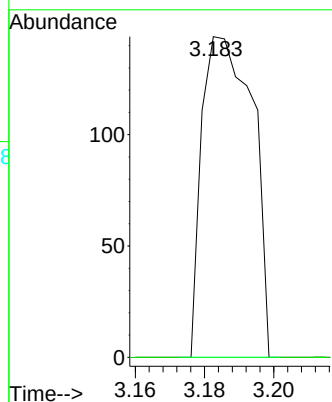
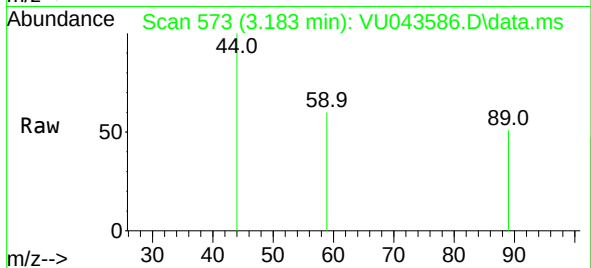


#11

Tert butyl alcohol
Concen: 0.24 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.013 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

Instrument :
MSVOA_U
ClientSampleId :
210505001-01-TRIP-BLANK

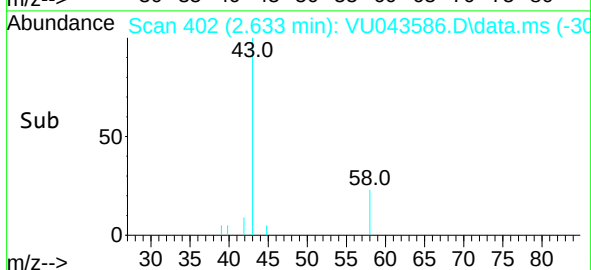
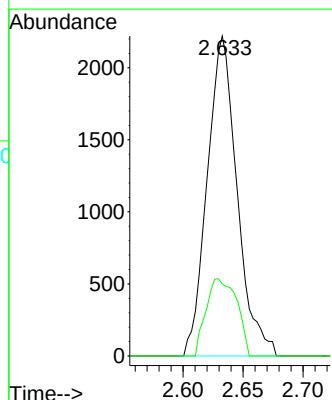
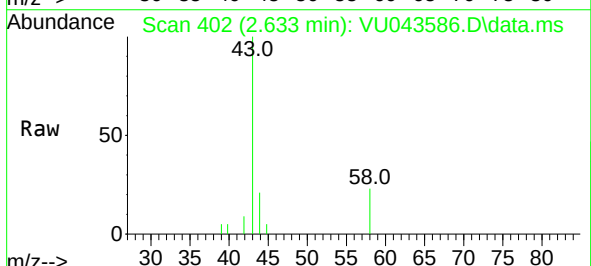
Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

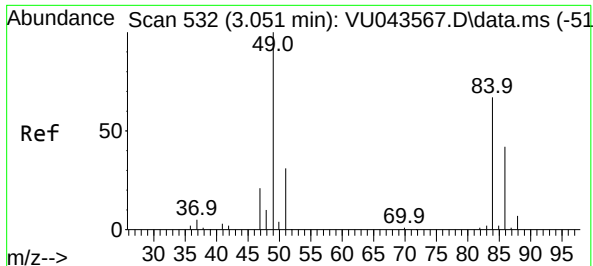


#16

Acetone
Concen: 3.09 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

Tgt Ion: 43 Resp: 3844
Ion Ratio Lower Upper
43 100
58 22.5 21.7 32.5





#20

Methylene Chloride

Concen: 0.31 ug/l

RT: 3.054 min Scan# 533

Delta R.T. 0.003 min

Lab File: VU043586.D

Acq: 06 May 2021 16:23

Instrument :

MSVOA_U

ClientSampleId :

210505001-01-TRIP-BLANK

Tgt Ion: 84 Resp: 545

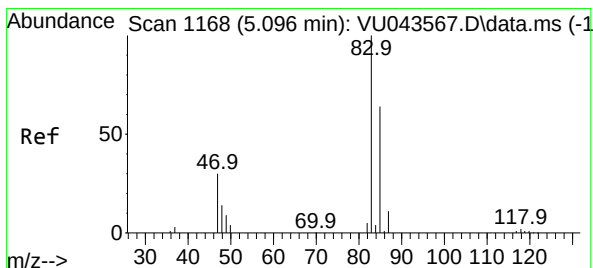
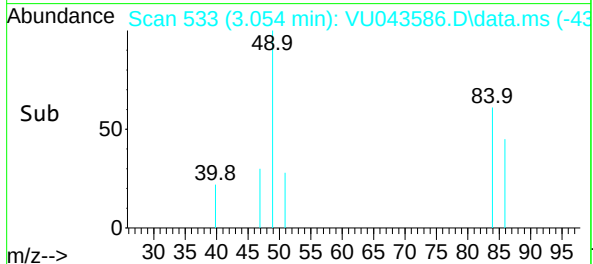
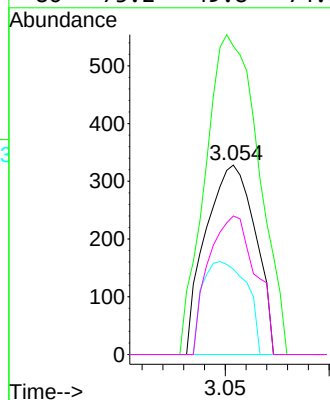
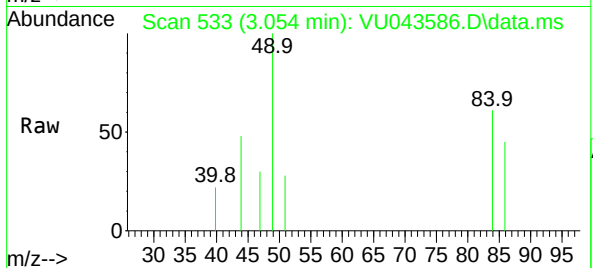
Ion Ratio Lower Upper

84 100

49 162.8 119.0 178.4

51 45.1 36.8 55.2

86 73.2 49.8 74.6



#30

Chloroform

Concen: 0.35 ug/l

RT: 5.102 min Scan# 1170

Delta R.T. 0.007 min

Lab File: VU043586.D

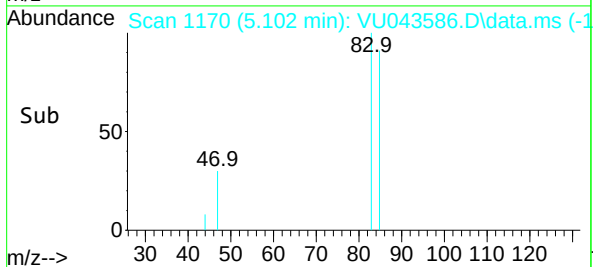
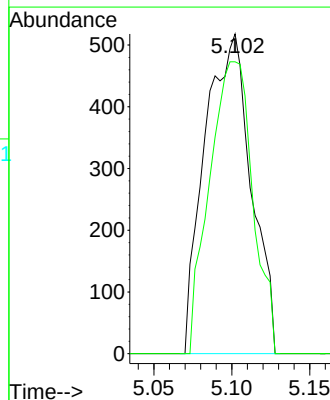
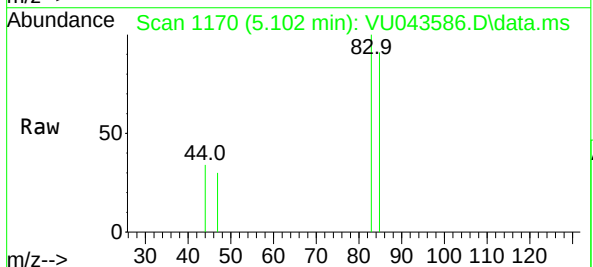
Acq: 06 May 2021 16:23

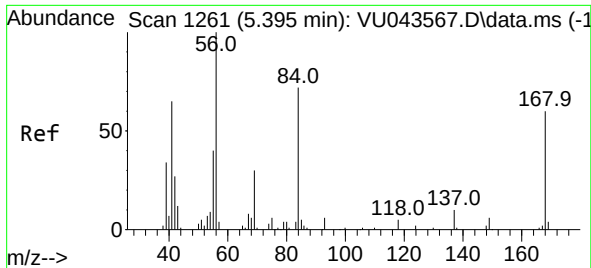
Tgt Ion: 83 Resp: 1075

Ion Ratio Lower Upper

83 100

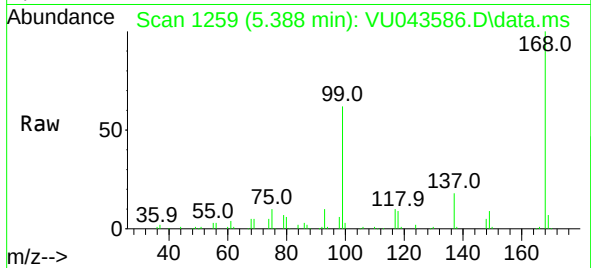
85 91.3 51.2 76.8#



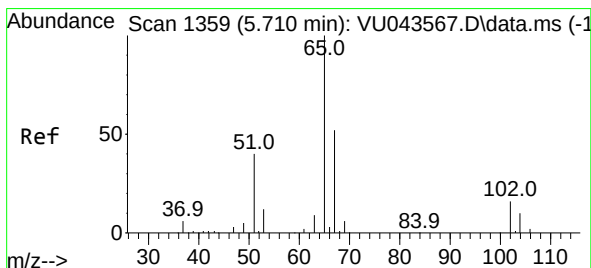
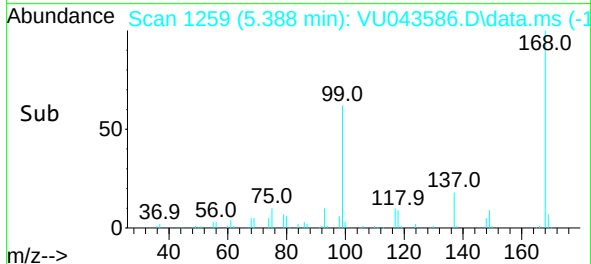
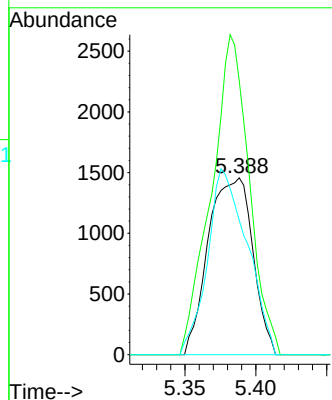


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

Instrument :
MSVOA_U
ClientSampleId :
210505001-01-TRIP-BLANK

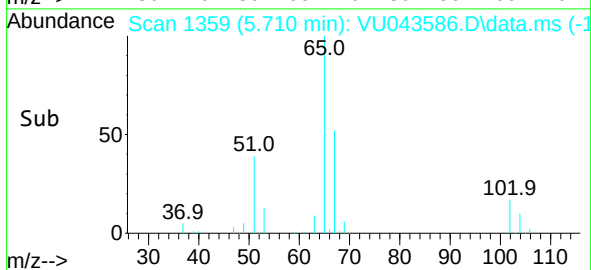
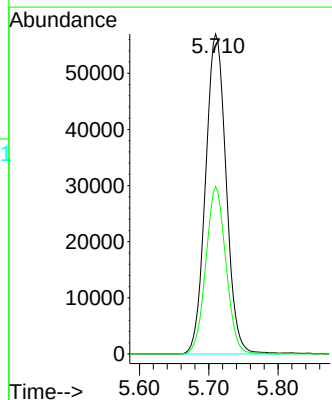
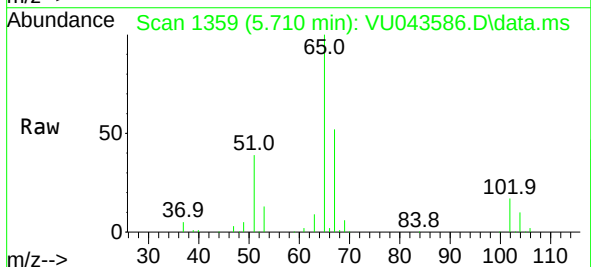


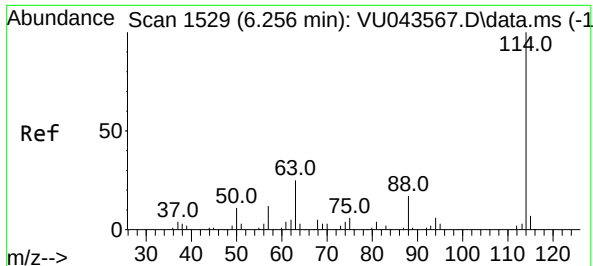
Tgt Ion: 56 Resp: 3174
Ion Ratio Lower Upper
56 100
69 155.0 23.9 35.9#
84 76.0 57.7 86.5



#33
1,2-Dichloroethane-d4
Concen: 52.43 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

Tgt Ion: 65 Resp: 117409
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043586.D

Acq: 06 May 2021 16:23

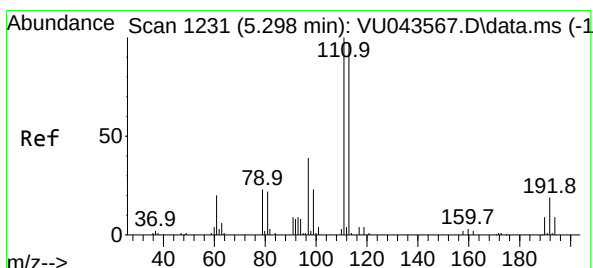
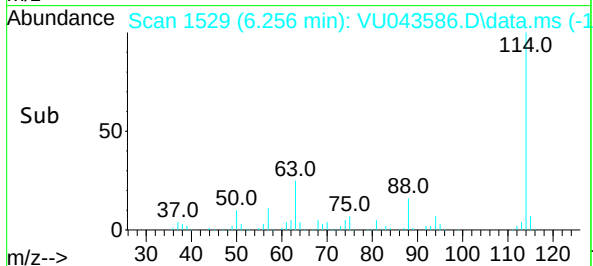
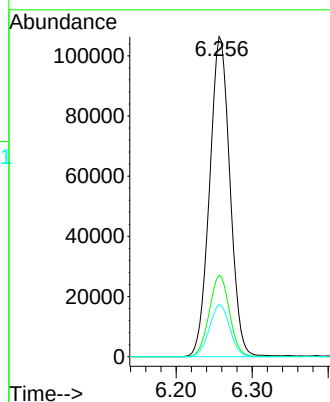
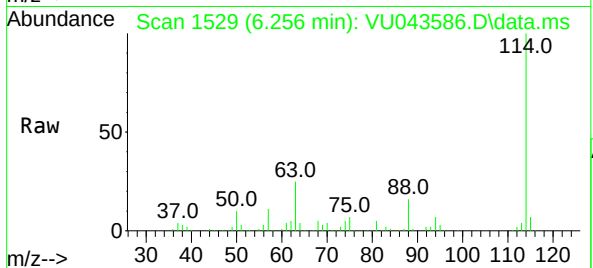
Tgt Ion:114 Resp: 197660

Ion Ratio Lower Upper

114 100

63 25.4 0.0 50.2

88 16.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.97 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043586.D

Acq: 06 May 2021 16:23

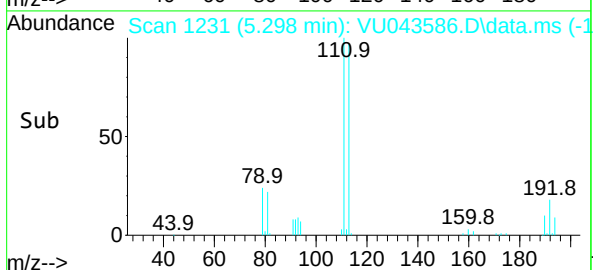
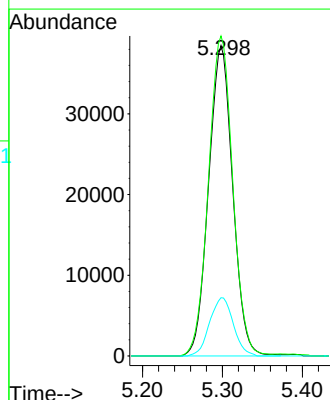
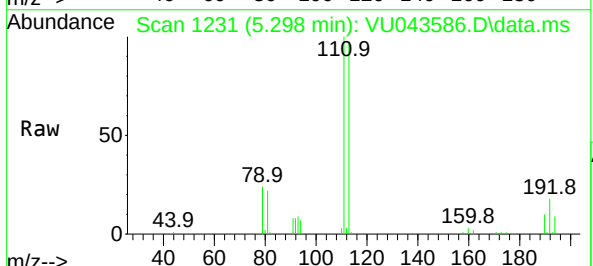
Tgt Ion:113 Resp: 80340

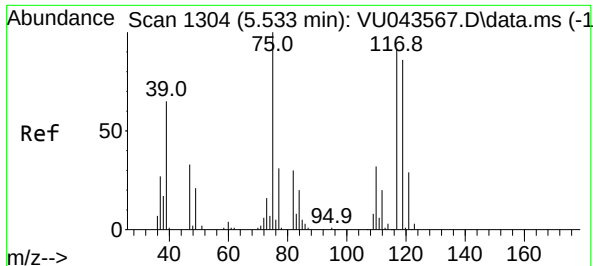
Ion Ratio Lower Upper

113 100

111 104.0 82.3 123.5

192 18.5 15.8 23.6





#36

1,1-Dichloropropene

Concen: 4.69 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043586.D

Acq: 06 May 2021 16:23

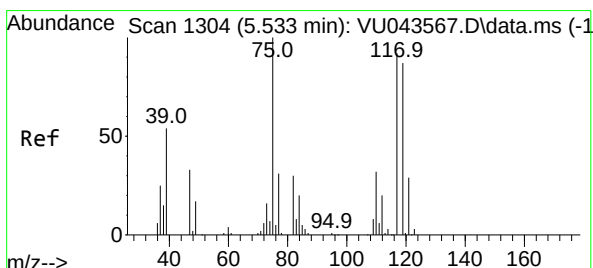
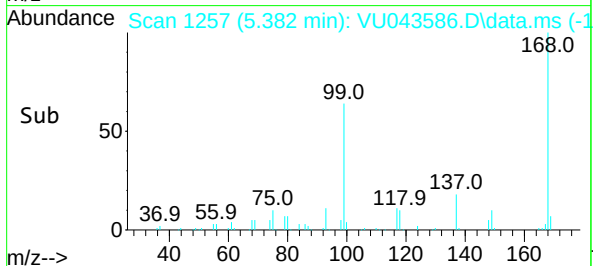
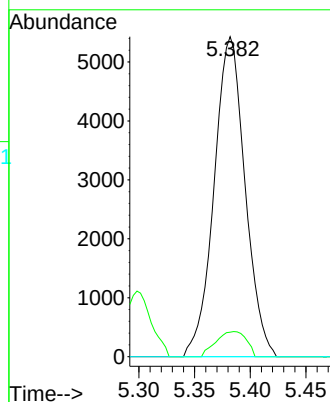
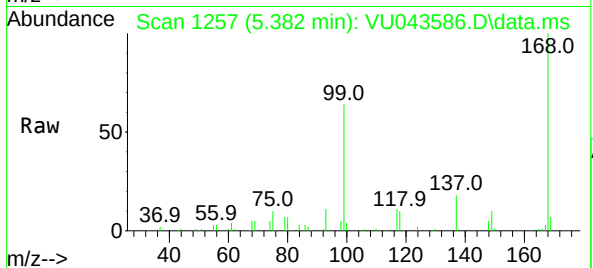
Tgt Ion:	75	Resp:	10516
Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.2	48.5#
77	0.0	24.4	36.6#

Instrument :

MSVOA_U

ClientSampleId :

210505001-01-TRIP-BLANK



#38

Carbon Tetrachloride

Concen: 5.04 ug/l

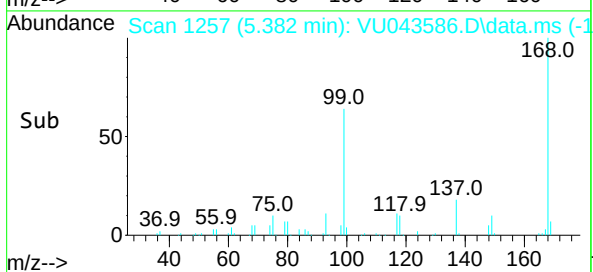
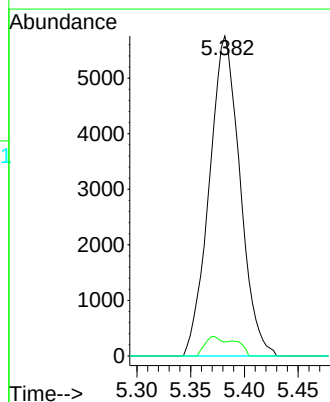
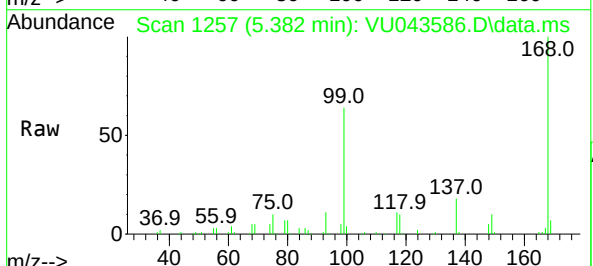
RT: 5.382 min Scan# 1257

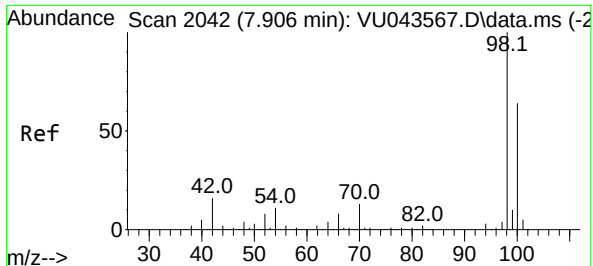
Delta R.T. -0.151 min

Lab File: VU043586.D

Acq: 06 May 2021 16:23

Tgt Ion:	117	Resp:	11455
Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.4	113.0#
121	0.0	25.2	37.8#

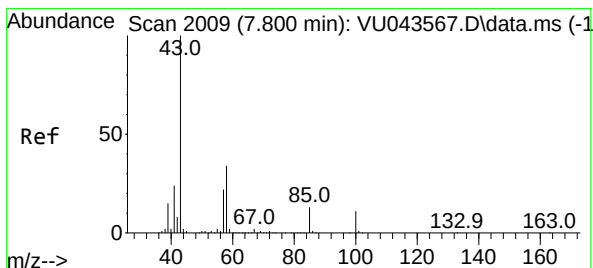
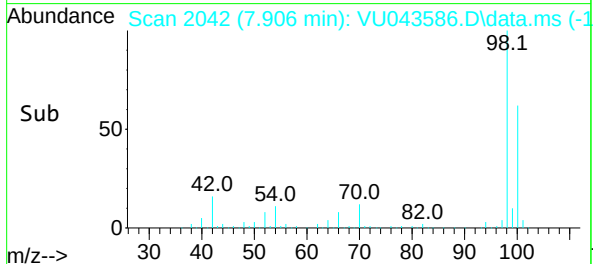
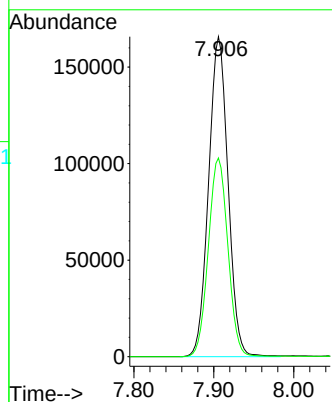
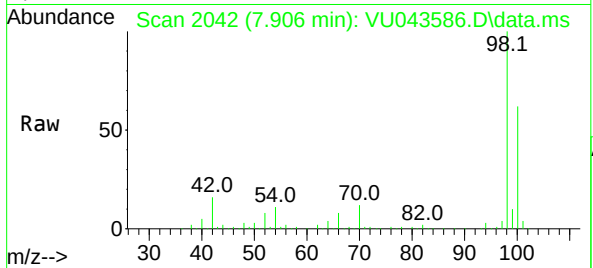




#50
Toluene-d8
Concen: 50.07 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

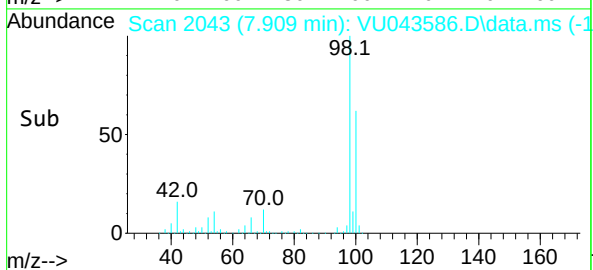
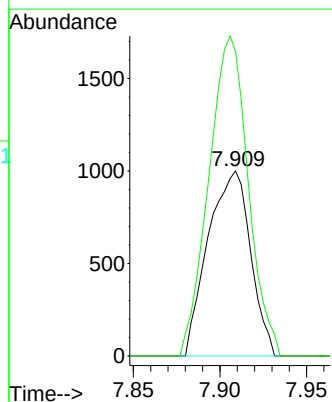
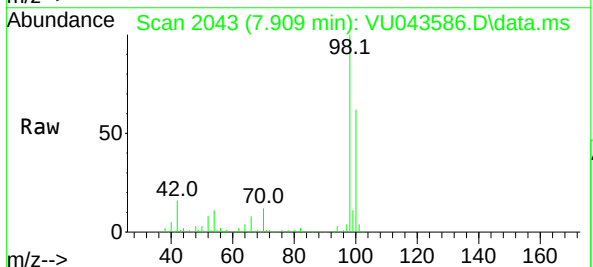
Instrument :
MSVOA_U
ClientSampleId :
210505001-01-TRIP-BLANK

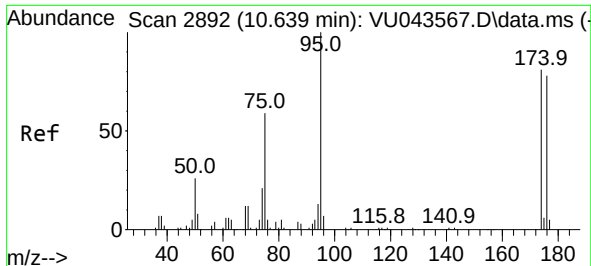
Tgt Ion: 98 Resp: 279858
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.53 ug/l
RT: 7.909 min Scan# 2043
Delta R.T. 0.109 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
58 160.6 27.2 40.8#

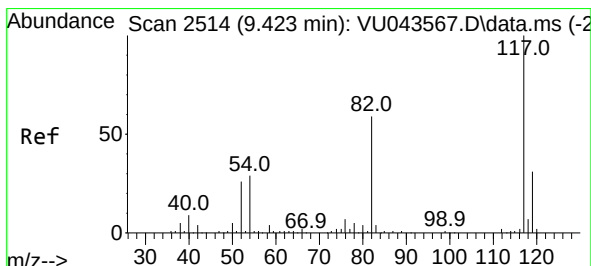
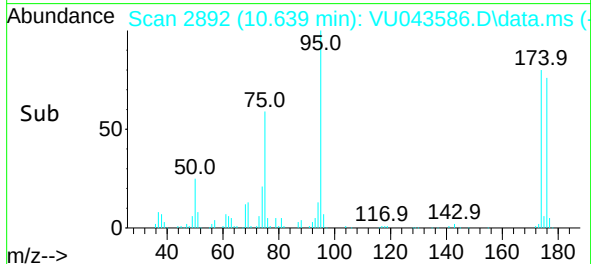
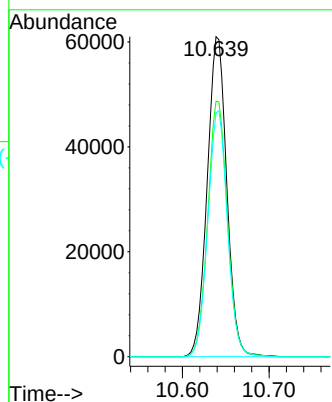
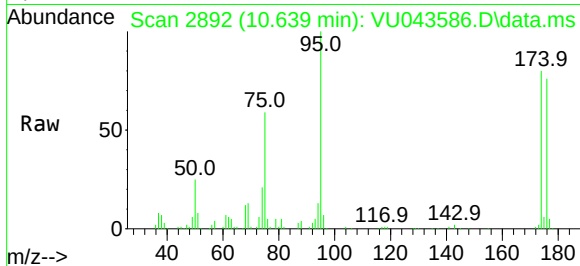




#62
4-Bromofluorobenzene
Concen: 45.04 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

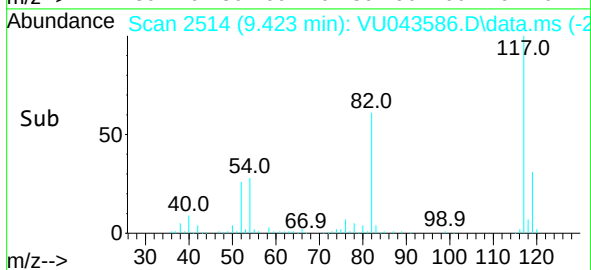
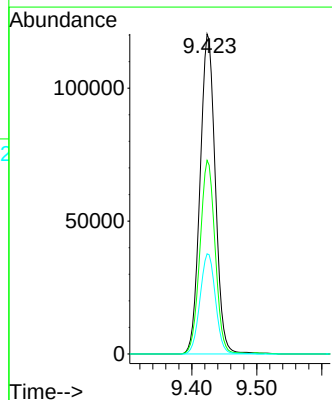
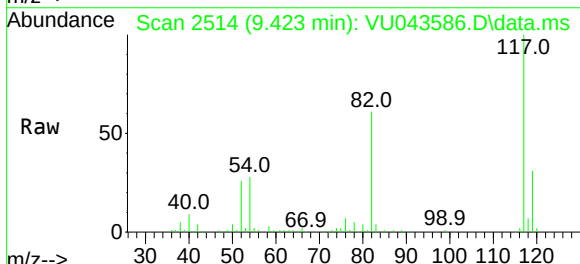
Instrument :
MSVOA_U
ClientSampleId :
210505001-01-TRIP-BLANK

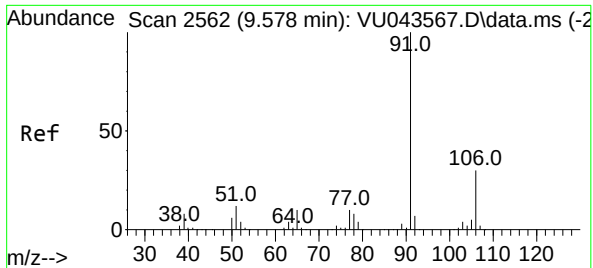
Tgt Ion: 95 Resp: 95767
Ion Ratio Lower Upper
95 100
174 80.7 0.0 158.8
176 76.8 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

Tgt Ion: 117 Resp: 196803
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 31.3 24.7 37.1





#67

Ethyl Benzene

Concen: 1.51 ug/l

RT: 9.427 min Scan# 2515

Delta R.T. -0.151 min

Lab File: VU043586.D

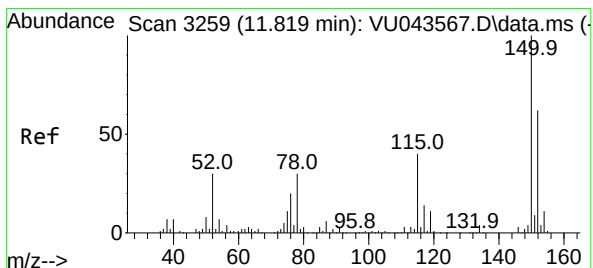
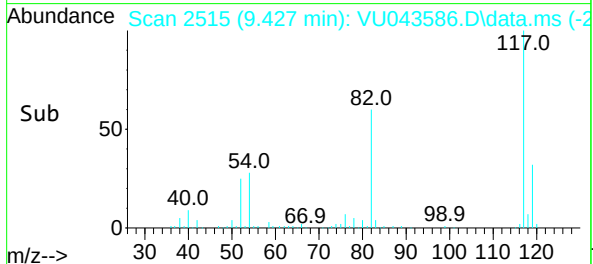
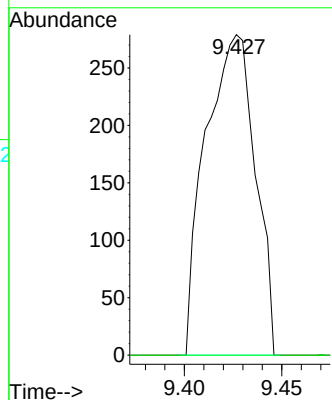
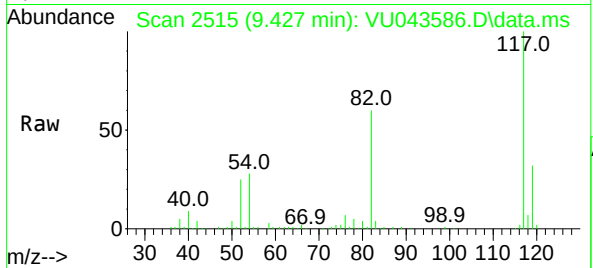
Acq: 06 May 2021 16:23

Tgt Ion: 91 Resp: 495

Ion Ratio Lower Upper

91 100

106 0.0 24.0 36.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.819 min Scan# 3259

Delta R.T. 0.000 min

Lab File: VU043586.D

Acq: 06 May 2021 16:23

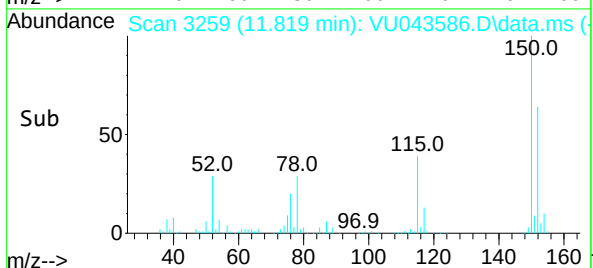
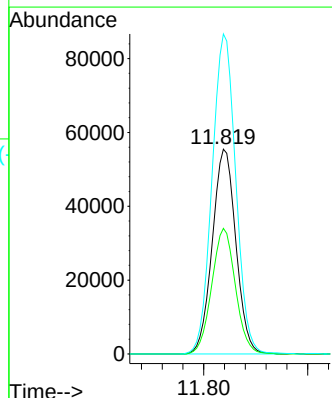
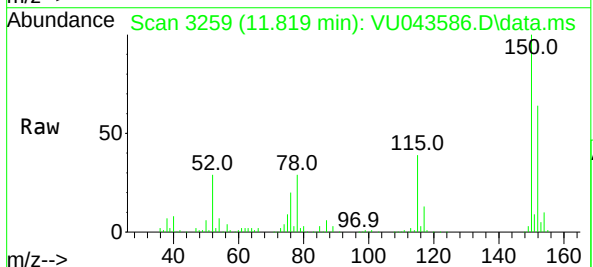
Tgt Ion: 152 Resp: 87431

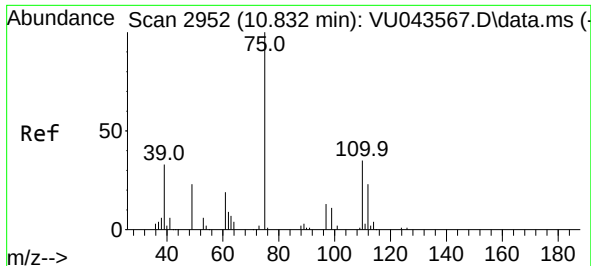
Ion Ratio Lower Upper

152 100

115 61.4 46.1 138.3

150 156.8 0.0 361.0

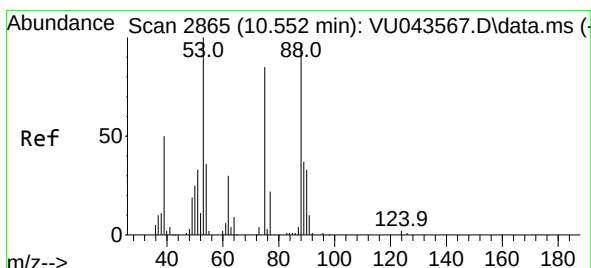
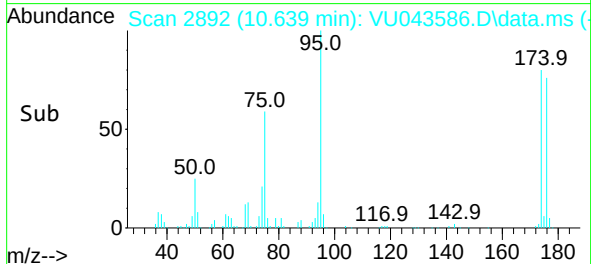
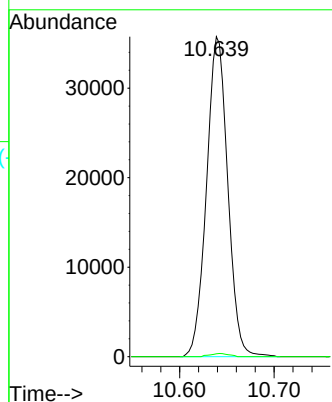
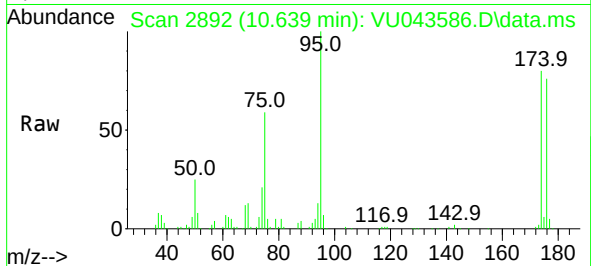




#76
1,2,3-Trichloropropane
Concen: 20.06 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

Instrument :
MSVOA_U
ClientSampleId :
210505001-01-TRIP-BLANK

Tgt Ion: 75 Resp: 55775
Ion Ratio Lower Upper
75 100
77 0.9 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.34 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043586.D
Acq: 06 May 2021 16:23

Tgt Ion: 75 Resp: 55775
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

