

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048855.D
 Acq On : 03 Jun 2022 14:18
 Operator : SY/MD
 Sample : N3103-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 04 04:36:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	294698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	477277	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	414647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	178641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	209487	47.333	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.660%
35) Dibromofluoromethane	5.289	113	159030	46.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	7.896	98	581123	47.611	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.220%
62) 4-Bromofluorobenzene	10.632	95	189376	41.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.060%#

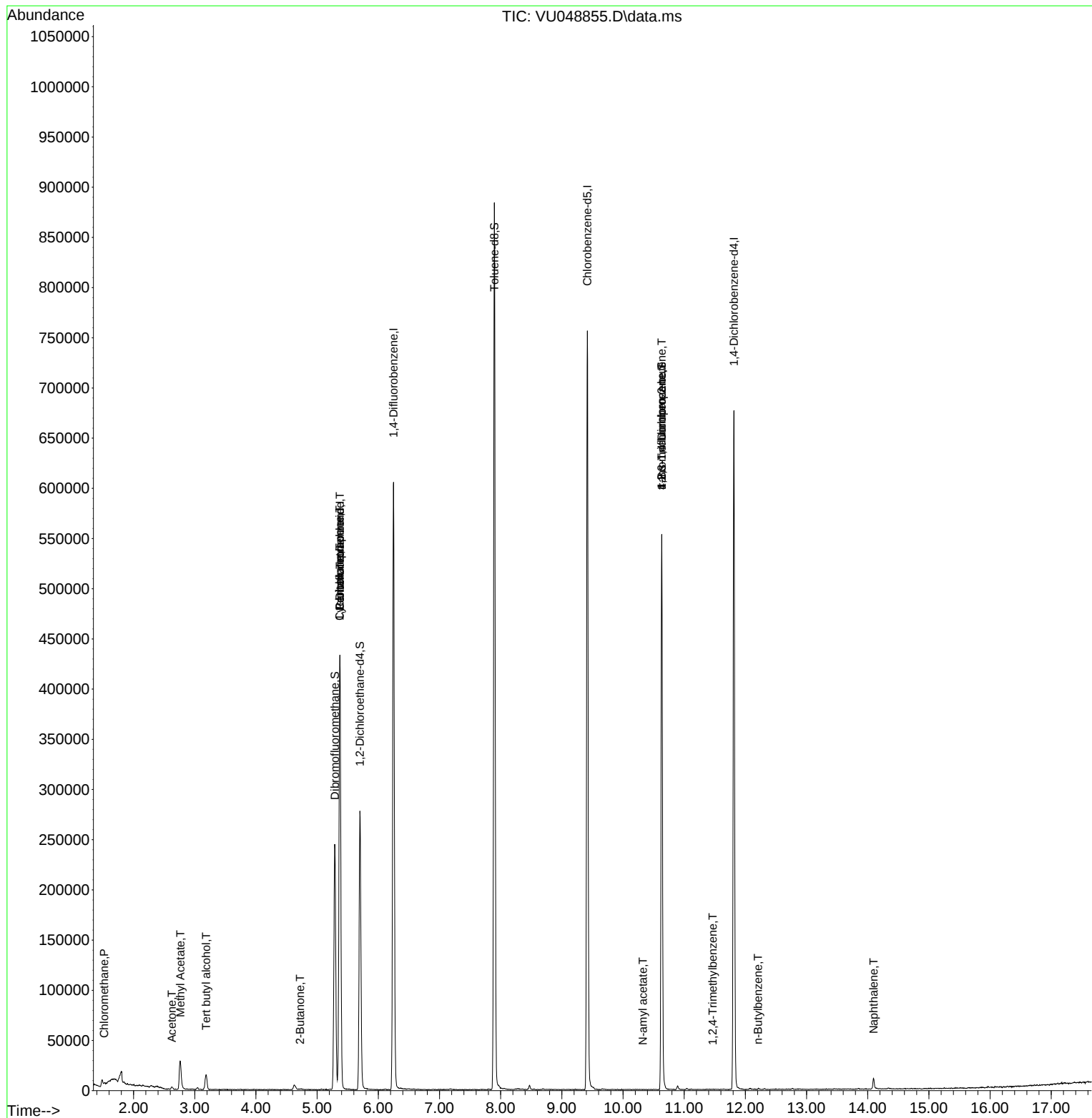
Target Compounds			Qvalue			
3) Chloromethane	1.520	50	972	0.224	ug/l #	88
5) Bromomethane	1.842	94	290	Below Cal	#	50
6) Chloroethane	1.941	64	370	Below Cal	#	43
11) Tert butyl alcohol	3.186	59	9069	8.082	ug/l #	28
13) Acrolein	2.482	56	40	Below Cal	#	76
16) Acetone	2.623	43	2568	1.139	ug/l #	87
18) Methyl Acetate	2.765	43	8645	1.527	ug/l #	51
25) 2-Butanone	4.723	43	783	0.242	ug/l #	49
31) Cyclohexane	5.369	56	6311	1.132	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	24138	4.857	ug/l #	50
38) Carbon Tetrachloride	5.372	117	29153	5.113	ug/l #	18
74) N-amyl acetate	10.324	43	42	2.474	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	96387	16.734	ug/l #	48
81) trans-1,4-Dichloro-2-b...	10.632	75	96387	60.760	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.468	105	322	1.216	ug/l #	52
89) n-Butylbenzene	12.208	91	258	2.209	ug/l #	45
95) Naphthalene	14.095	128	11119	3.283	ug/l	97

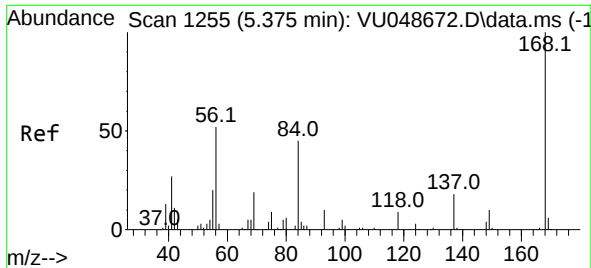
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 04 04:36:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

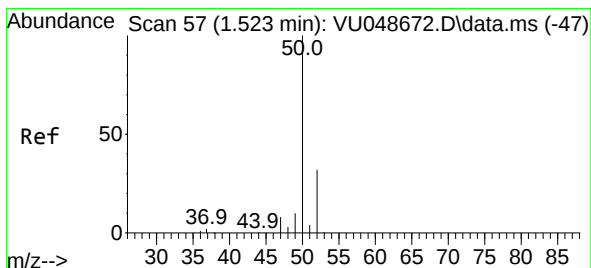
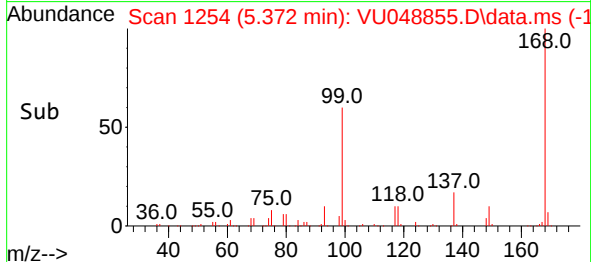
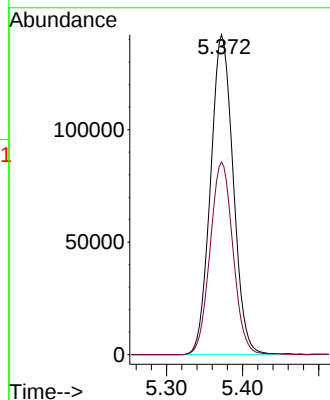
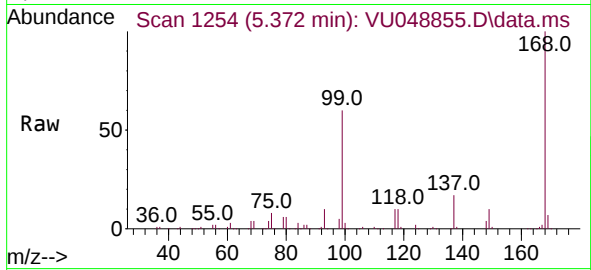




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

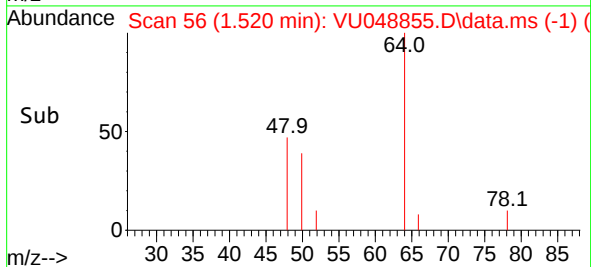
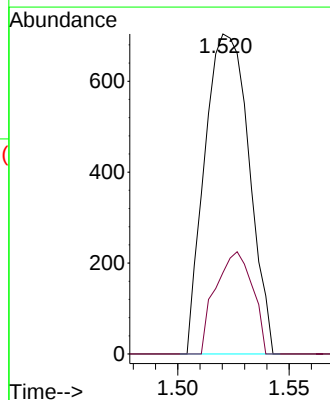
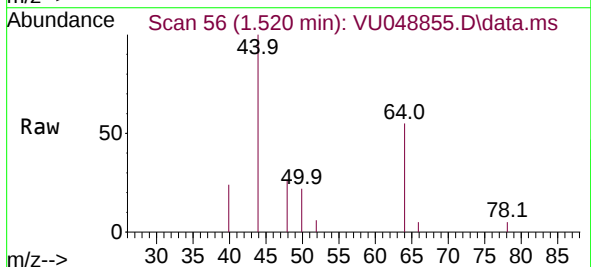
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

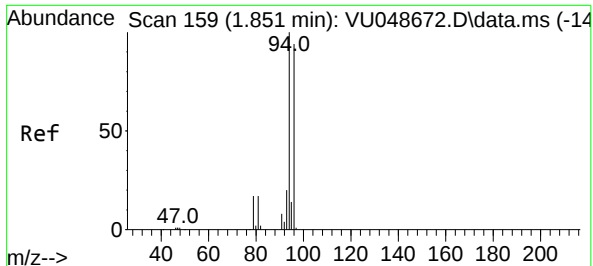
Tgt Ion:168 Resp: 294698
Ion Ratio Lower Upper
168 100
99 60.2 49.3 73.9



#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 50 Resp: 972
Ion Ratio Lower Upper
50 100
52 25.4 25.7 38.5#

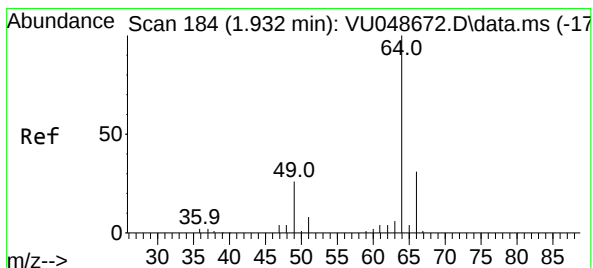
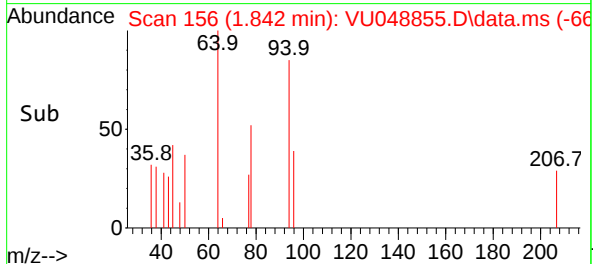
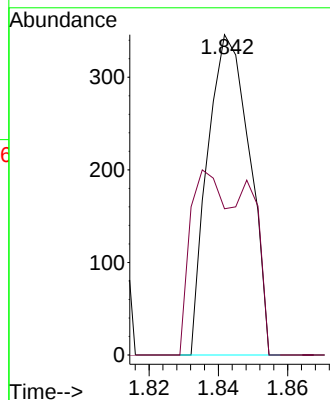
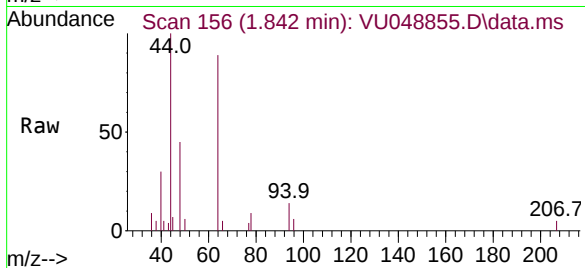




#5
Bromomethane
Concen: Below Cal
RT: 1.842 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

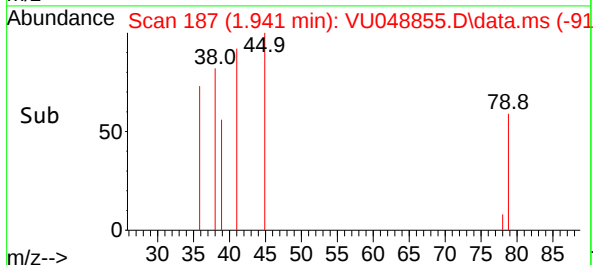
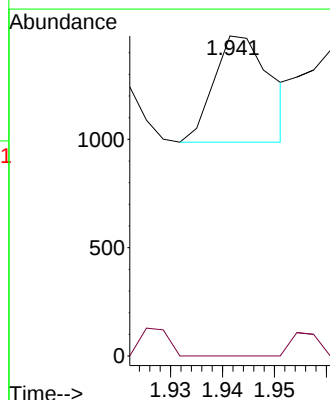
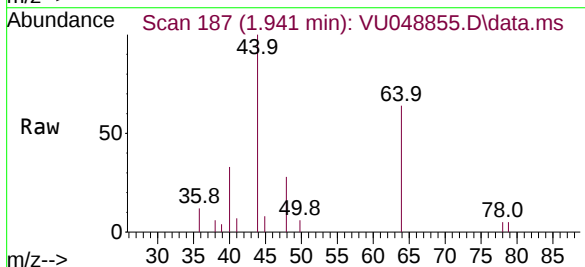
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

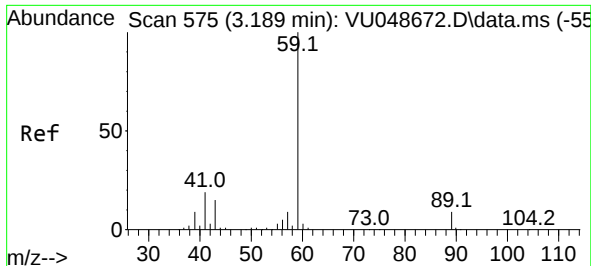
Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 45.7 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.941 min Scan# 187
Delta R.T. 0.009 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 64 Resp: 370
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

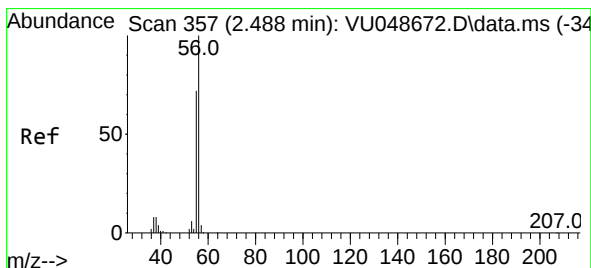
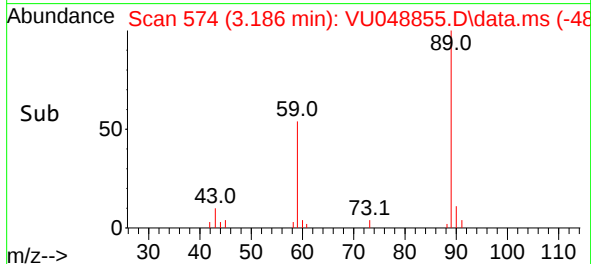
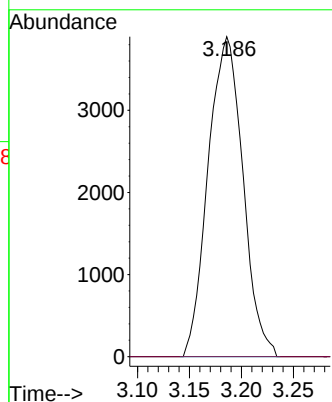
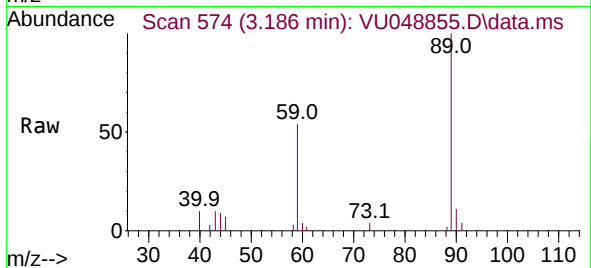




#11
Tert butyl alcohol
Concen: 8.082 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

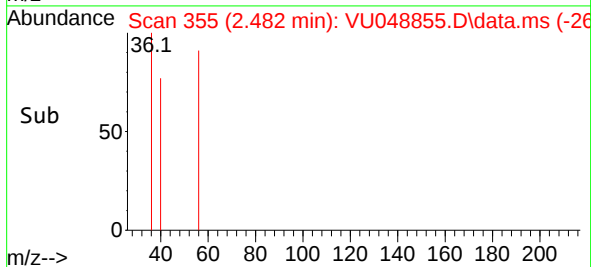
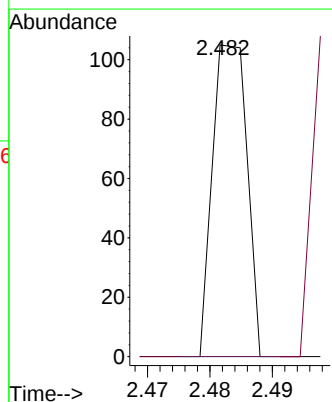
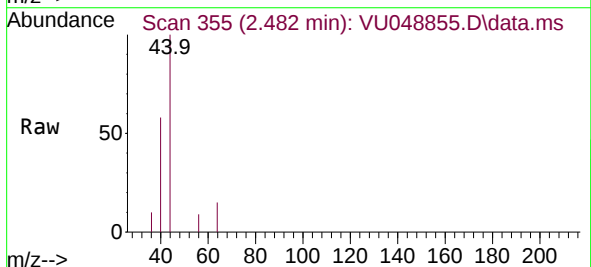
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

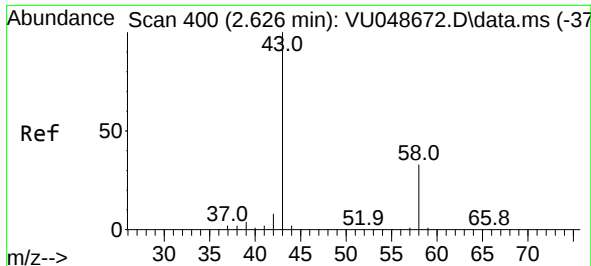
Tgt Ion: 59 Resp: 9069
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.482 min Scan# 355
Delta R.T. -0.006 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 52.5 57.7 86.5#

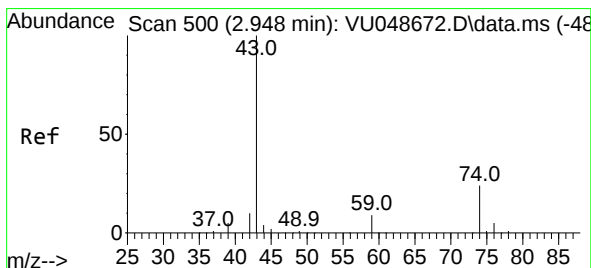
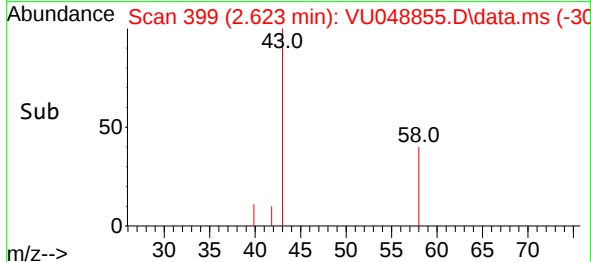
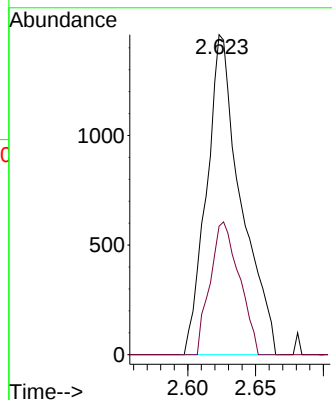
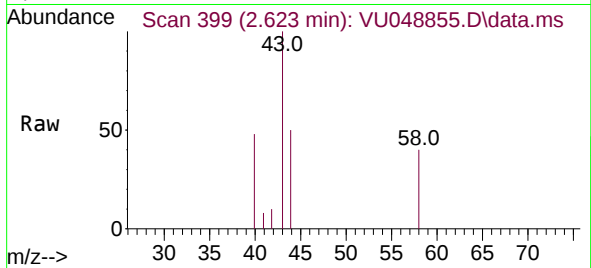




#16
Acetone
Concen: 1.139 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

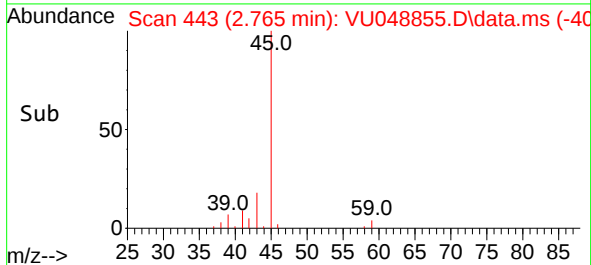
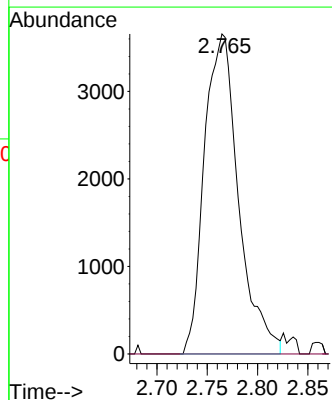
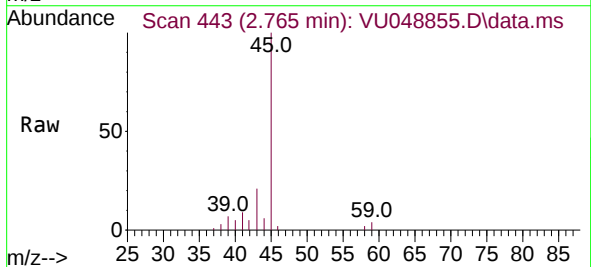
Instrument : MSVOA_U
ClientSampleId : STORAGE-BLANK-WATER-REF-5

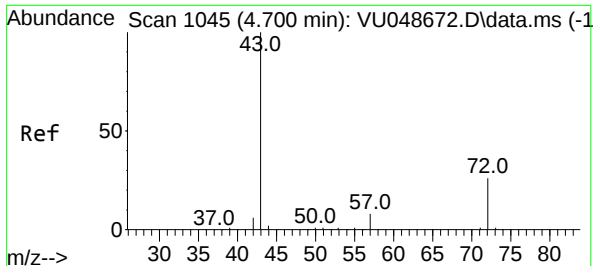
Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
58 40.1 26.3 39.5#



#18
Methyl Acetate
Concen: 1.527 ug/l
RT: 2.765 min Scan# 443
Delta R.T. -0.183 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 43 Resp: 8645
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





#25

2-Butanone

Concen: 0.242 ug/l

RT: 4.723 min Scan# 1052

Delta R.T. 0.023 min

Lab File: VU048855.D

Acq: 03 Jun 2022 14:18

Instrument :

MSVOA_U

ClientSampleId :

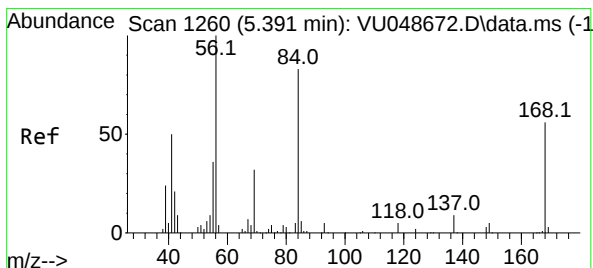
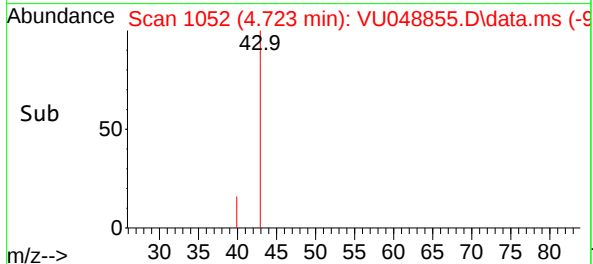
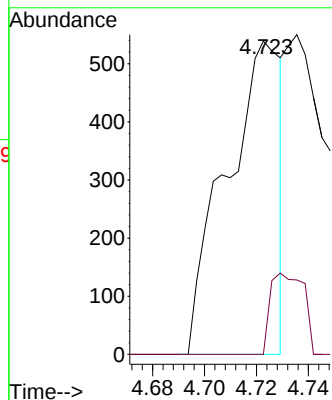
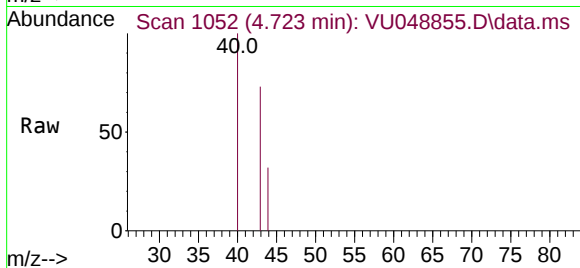
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 783

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 1.132 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.022 min

Lab File: VU048855.D

Acq: 03 Jun 2022 14:18

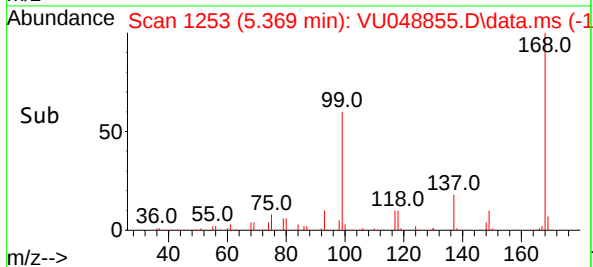
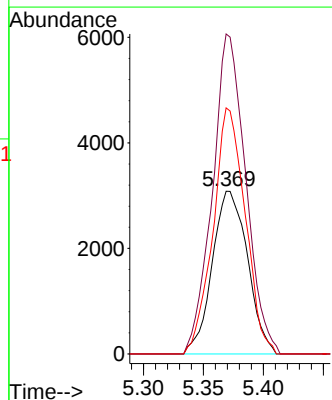
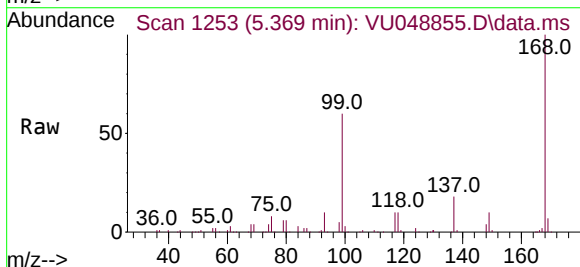
Tgt Ion: 56 Resp: 6311

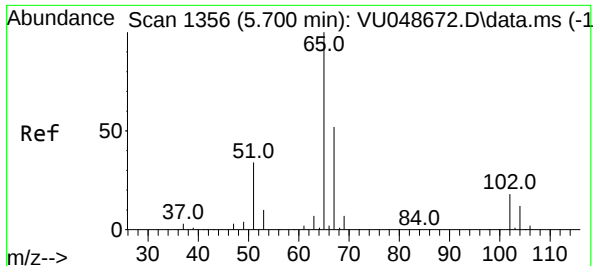
Ion Ratio Lower Upper

56 100

69 196.6 25.6 38.4#

84 151.2 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 47.333 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048855.D

Acq: 03 Jun 2022 14:18

Instrument :

MSVOA_U

ClientSampleId :

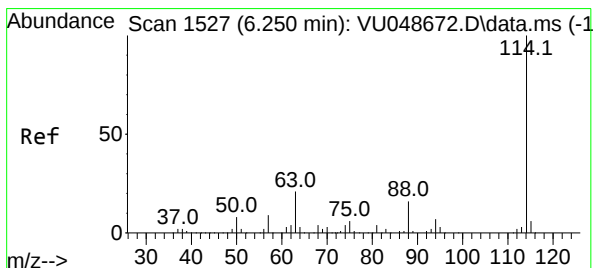
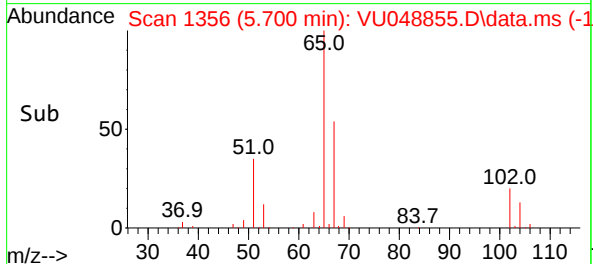
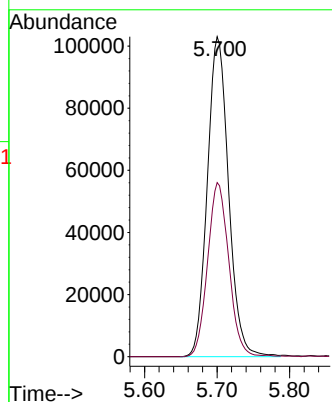
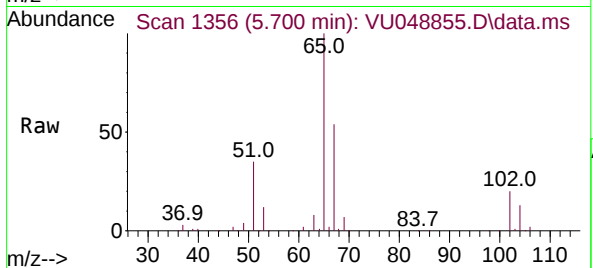
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 209487

Ion Ratio Lower Upper

65 100

67 54.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048855.D

Acq: 03 Jun 2022 14:18

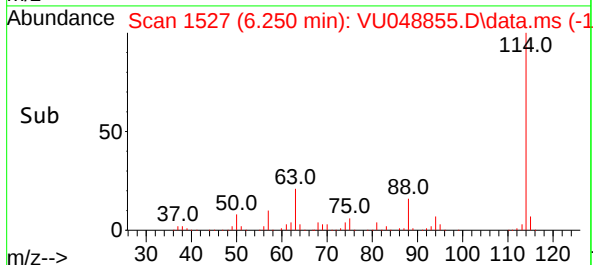
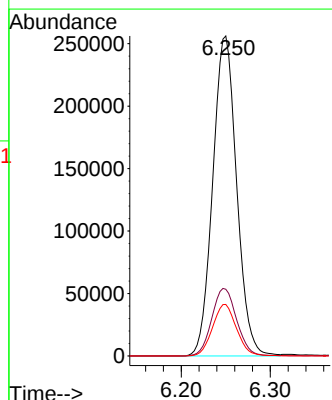
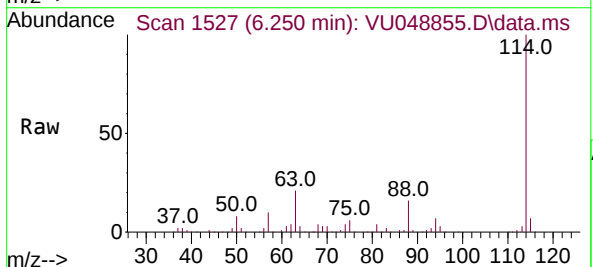
Tgt Ion: 114 Resp: 477277

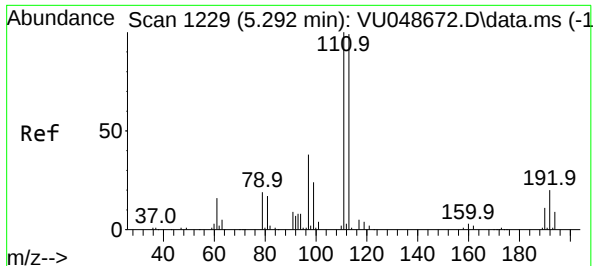
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 16.1 0.0 32.2

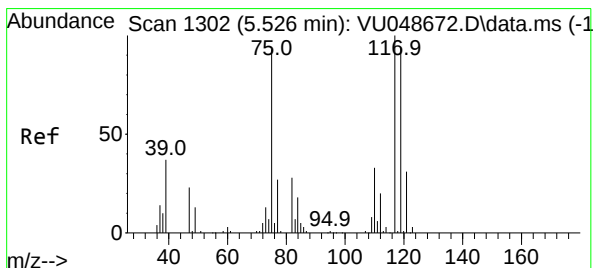
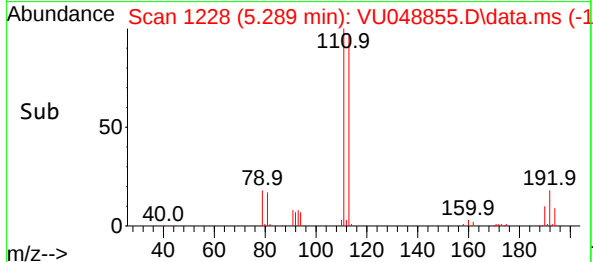
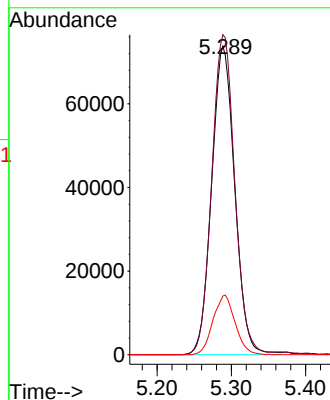
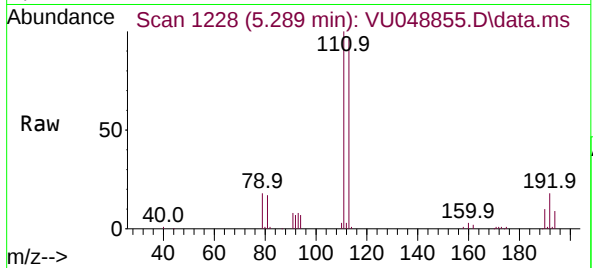




#35
Dibromofluoromethane
Concen: 46.705 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

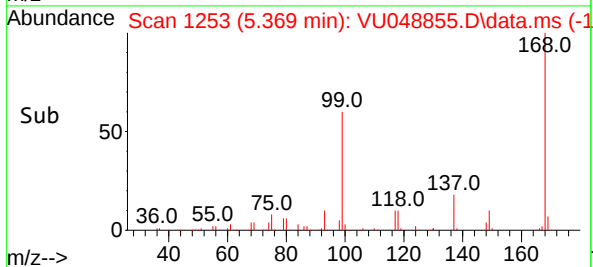
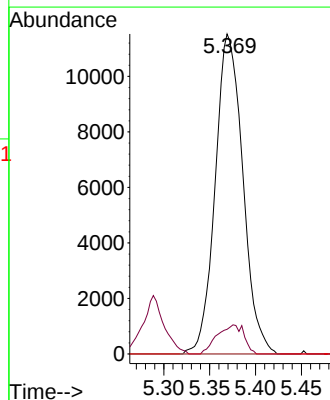
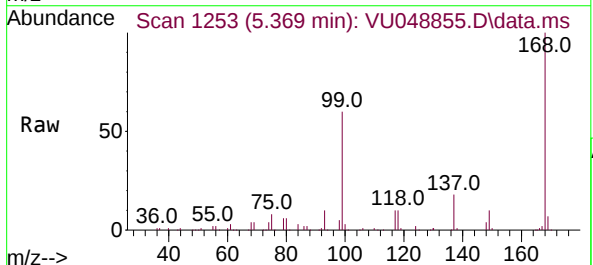
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

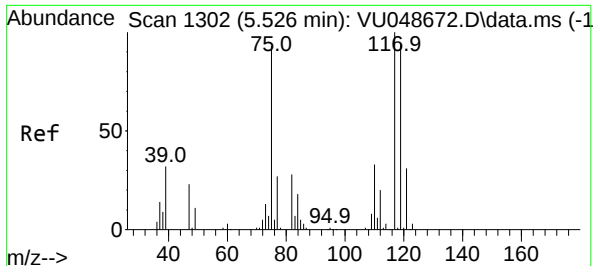
Tgt Ion:113 Resp: 159030
Ion Ratio Lower Upper
113 100
111 103.5 80.7 121.1
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.857 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.157 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 75 Resp: 24138
Ion Ratio Lower Upper
75 100
110 8.8 17.4 52.3#
77 0.0 24.8 37.2#

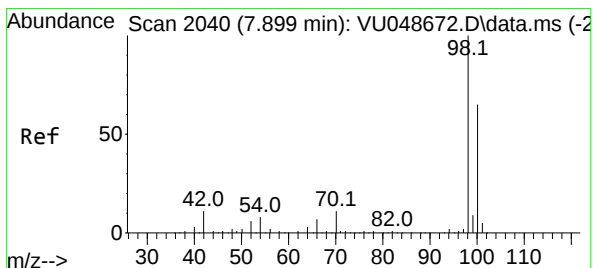
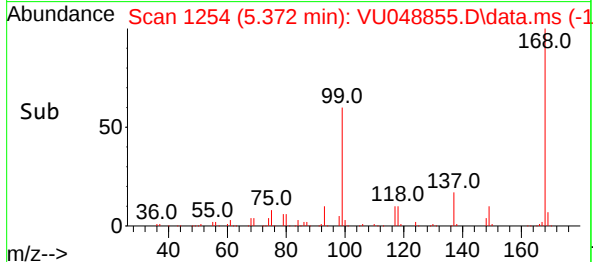
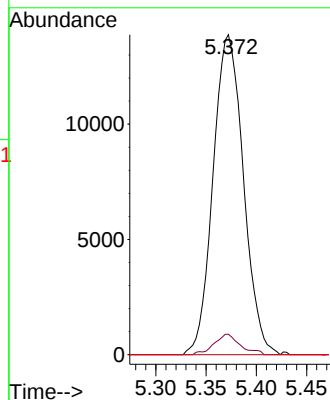
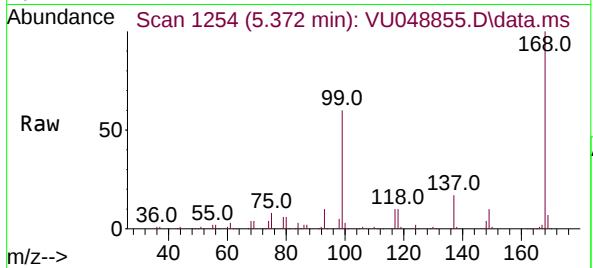




#38
Carbon Tetrachloride
Concen: 5.113 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

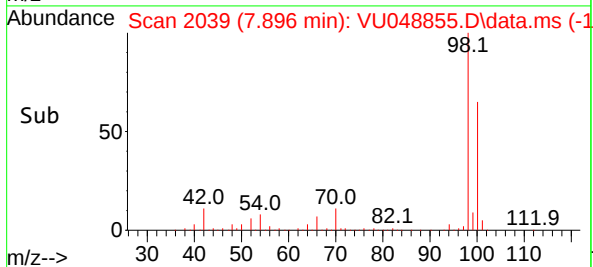
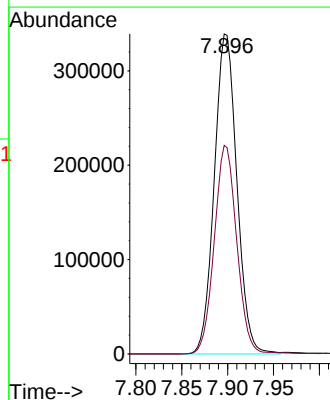
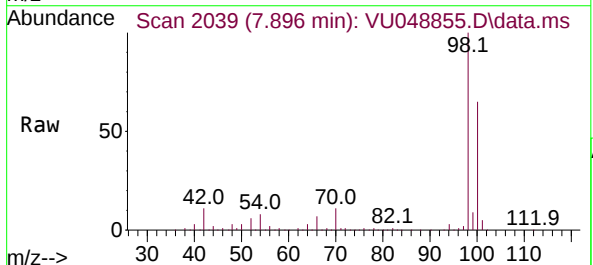
Instrument : MSVOA_U
ClientSampleId : STORAGE-BLANK-WATER-REF-5

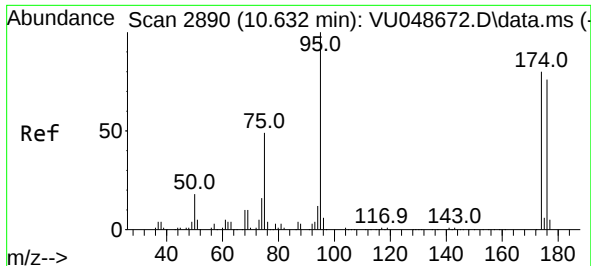
Tgt Ion:117 Resp: 29153
Ion Ratio Lower Upper
117 100
119 6.4 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.611 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 98 Resp: 581123
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

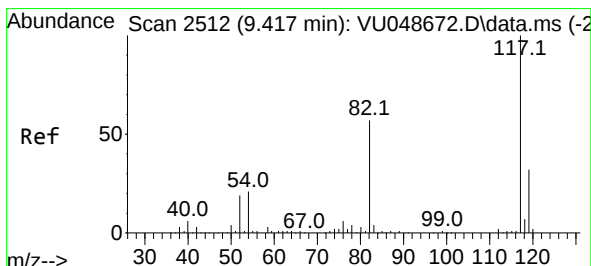
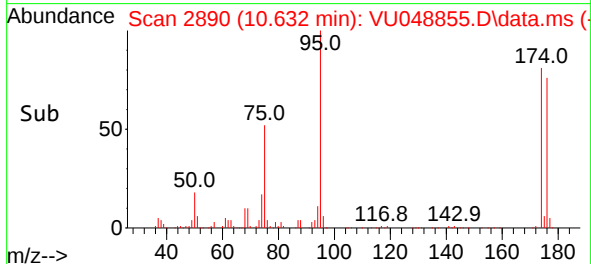
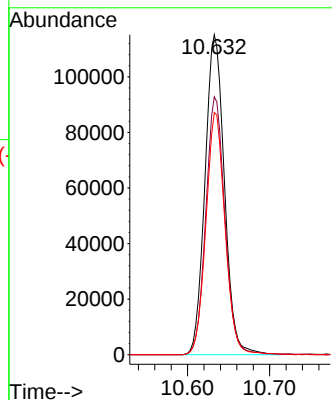
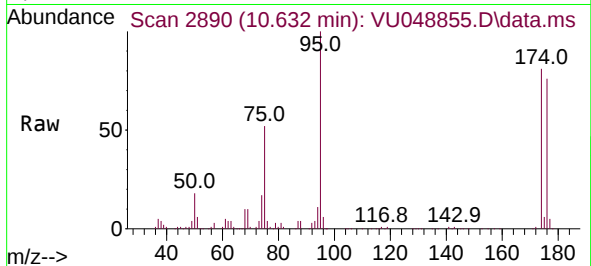




#62
4-Bromofluorobenzene
Concen: 41.025 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

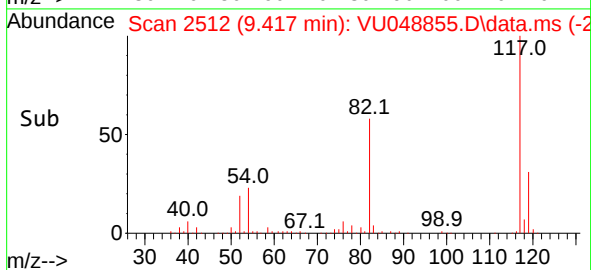
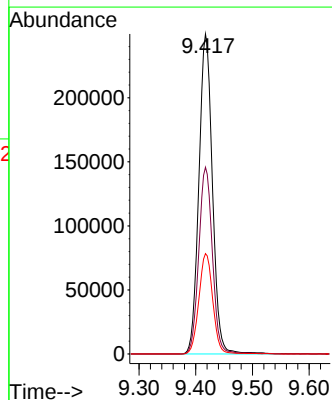
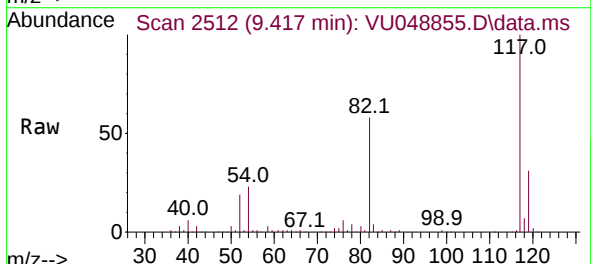
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

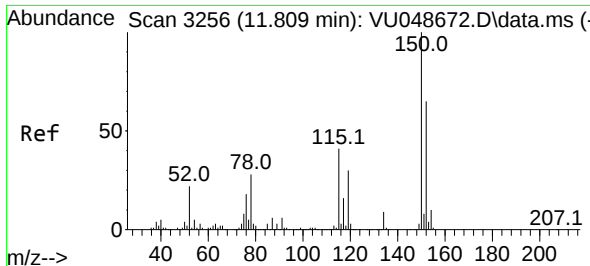
Tgt Ion: 95 Resp: 189376
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.4
176 74.4 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 117 Resp: 414647
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 31.4 25.4 38.2

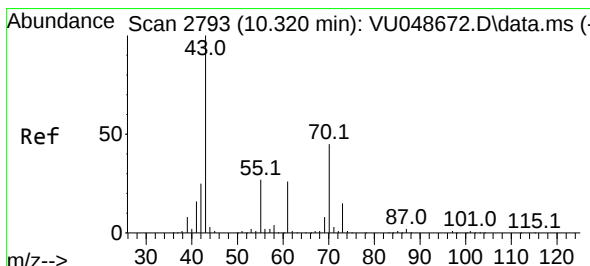
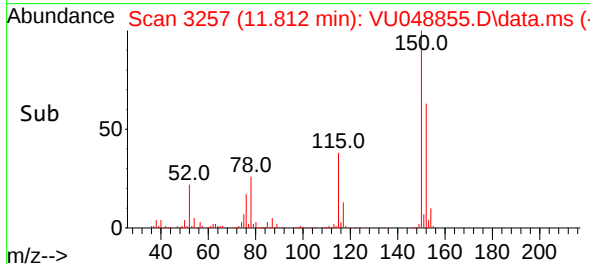
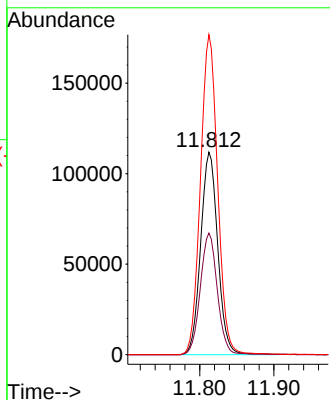
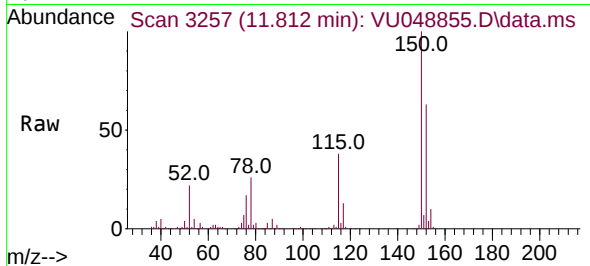




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

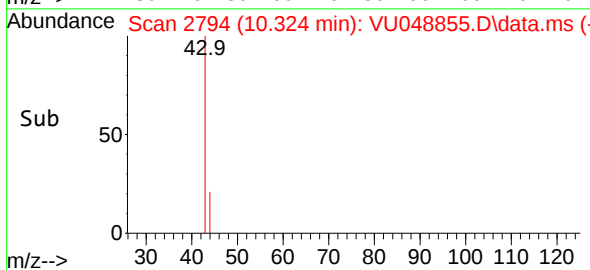
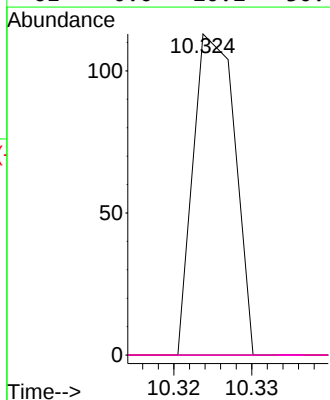
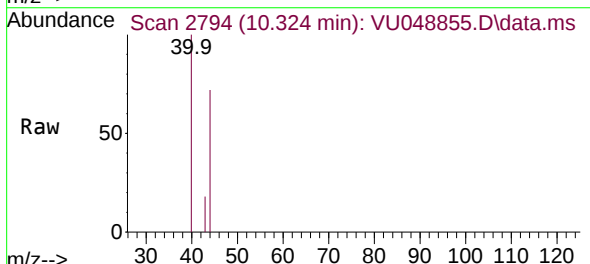
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

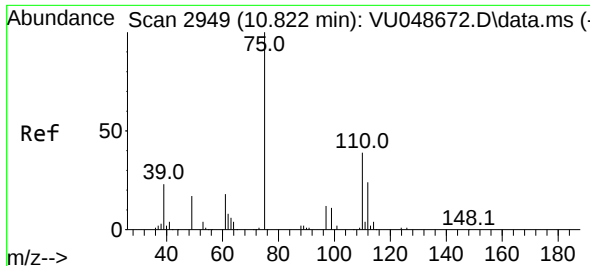
Tgt Ion:152 Resp: 178641
Ion Ratio Lower Upper
152 100
115 59.8 41.8 125.4
150 159.2 0.0 341.0



#74
N-ethyl acetate
Concen: 2.474 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.004 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
70 0.0 35.8 53.6#
55 0.0 21.1 31.7#
61 0.0 20.2 30.4#

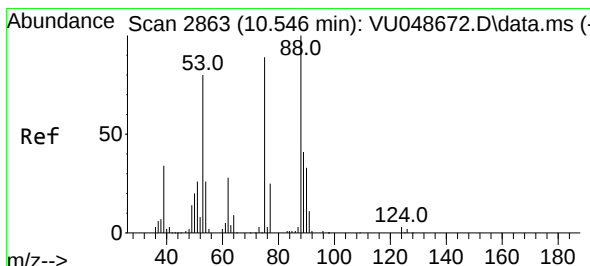
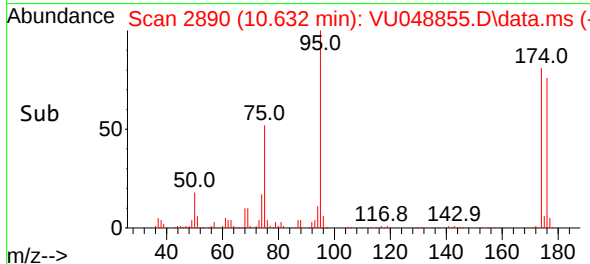
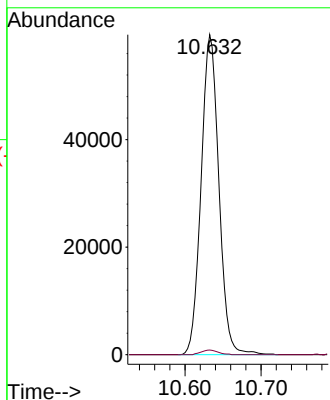
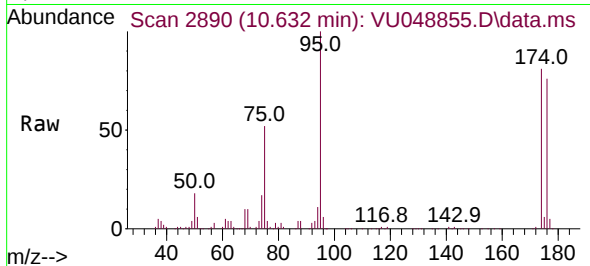




#76
1,2,3-Trichloropropane
Concen: 16.734 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

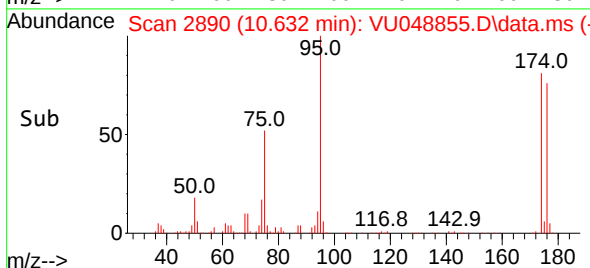
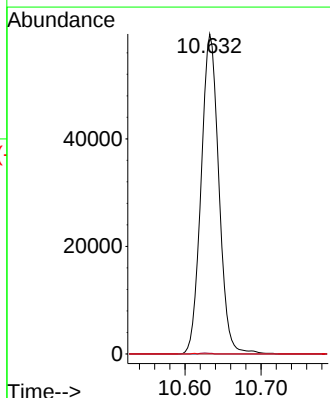
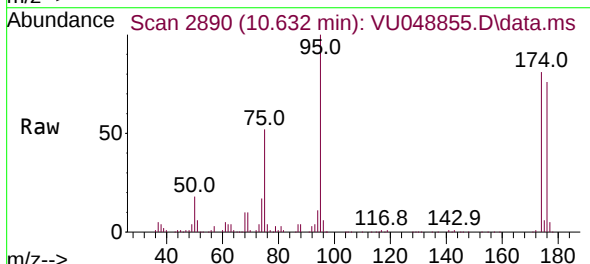
Instrument : MSVOA_U
ClientSampleId : STORAGE-BLANK-WATER-REF-5

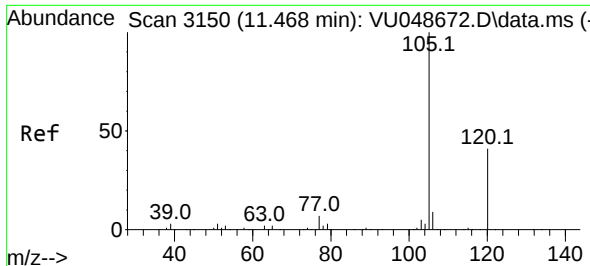
Tgt Ion: 75 Resp: 96387
Ion Ratio Lower Upper
75 100
77 1.4 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.760 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 75 Resp: 96387
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.0 37.0 55.4#

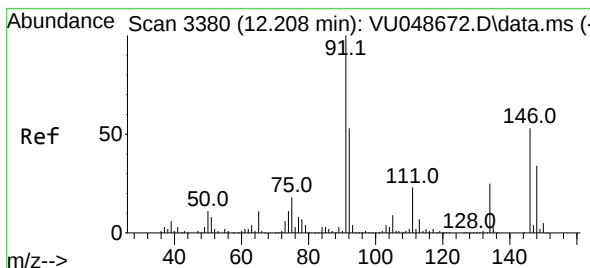
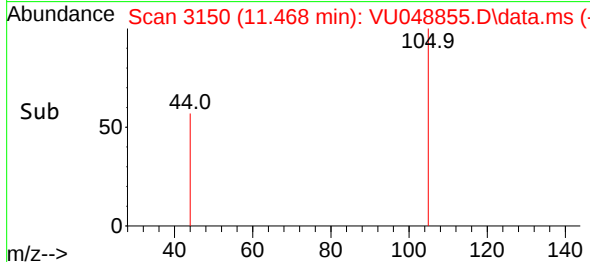
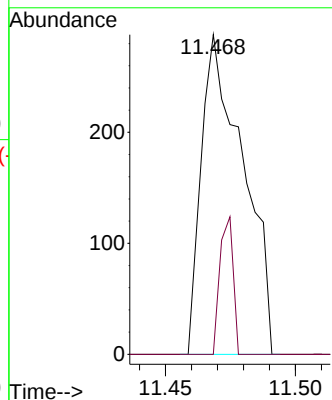
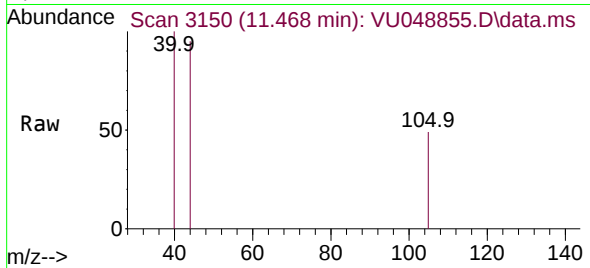




#84
1,2,4-Trimethylbenzene
Concen: 1.216 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

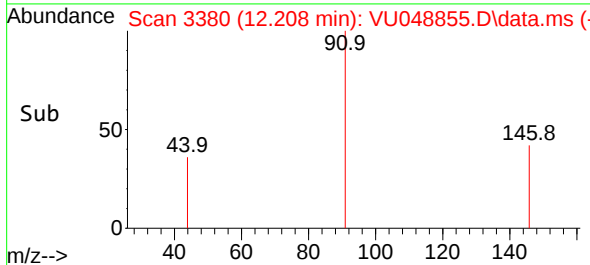
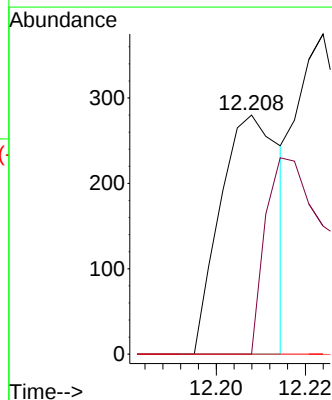
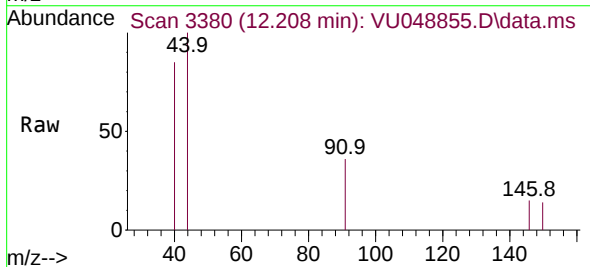
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

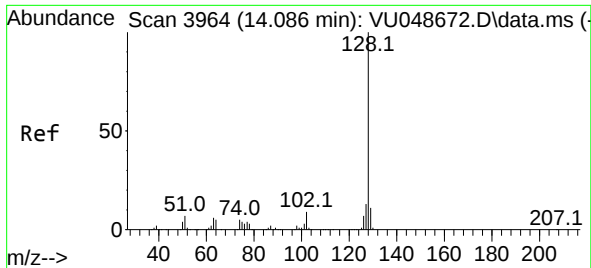
Tgt Ion:105 Resp: 322
Ion Ratio Lower Upper
105 100
120 13.7 22.5 67.5#



#89
n-Butylbenzene
Concen: 2.209 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Tgt Ion: 91 Resp: 258
Ion Ratio Lower Upper
91 100
92 91.9 25.9 77.8#
134 0.0 12.5 37.5#





#95
Naphthalene
Concen: 3.283 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU048855.D
Acq: 03 Jun 2022 14:18

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:	128	Resp:	11119
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.2	15.4
129	9.0	8.7	13.1

