

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044951.D
 Acq On : 28 Sep 2021 19:05
 Operator : SY/MD
 Sample : M3893-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FIELD-BLANK

Quant Time: Sep 29 05:47:00 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)

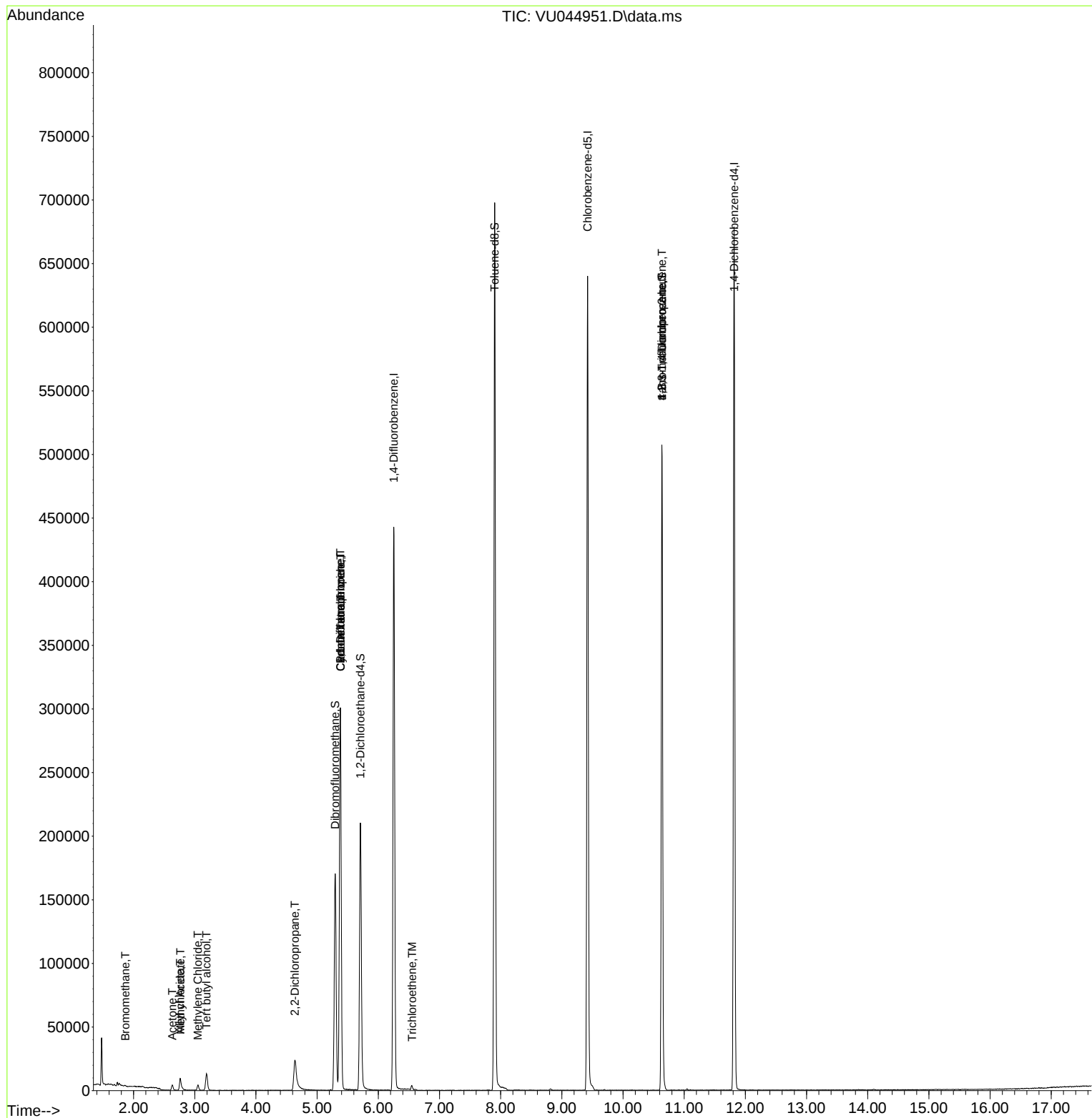
Internal Standards						
1) Pentafluorobenzene	5.379	168	197809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	347410	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	336995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	166784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	163120	49.539	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.080%
35) Dibromofluoromethane	5.295	113	111060	50.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.360%
50) Toluene-d8	7.903	98	447976	51.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.460%
62) 4-Bromofluorobenzene	10.636	95	169499	47.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.820%
Target Compounds						
					Qvalue	
5) Bromomethane	1.864	94	336	0.270	ug/l #	71
11) Tert butyl alcohol	3.192	59	8481	8.974	ug/l #	74
14) Allyl chloride	2.761	41	1160	0.267	ug/l #	66
16) Acetone	2.633	43	5401	2.763	ug/l	94
18) Methyl Acetate	2.768	43	3414	0.598	ug/l #	52
20) Methylene Chloride	3.051	84	2051	0.697	ug/l	91
26) 2,2-Dichloropropane	4.636	77	1896	0.441	ug/l #	54
31) Cyclohexane	5.382	56	5069	1.013	ug/l #	2
36) 1,1-Dichloropropene	5.379	75	18656	5.135	ug/l #	50
38) Carbon Tetrachloride	5.382	117	19972	6.353	ug/l #	15
44) Trichloroethene	6.552	130	852	0.334	ug/l	76
76) 1,2,3-Trichloropropane	10.636	75	90550	18.613	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	90550	51.655	ug/l #	9

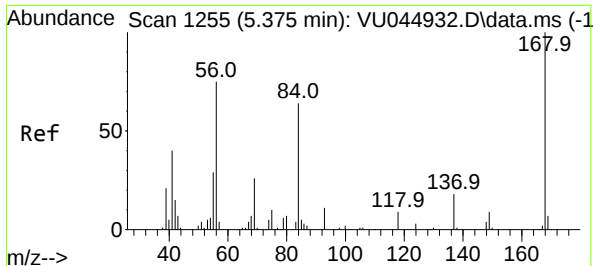
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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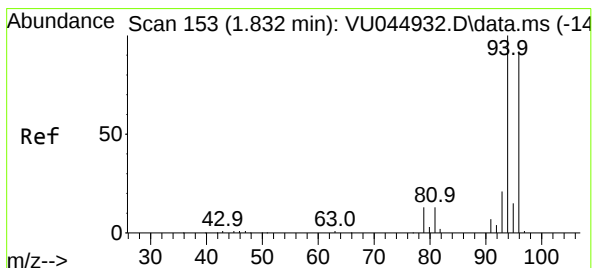
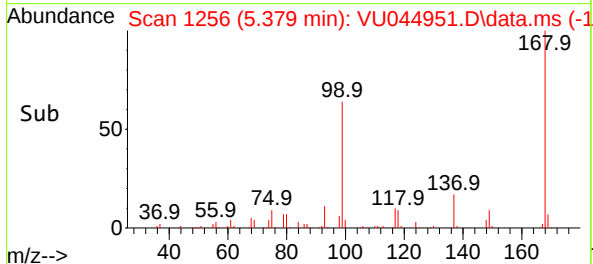
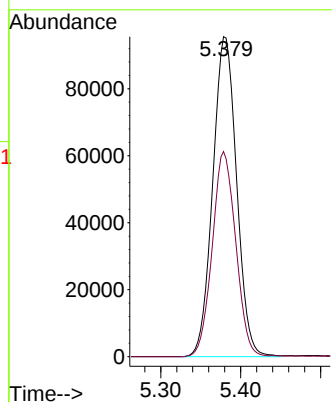
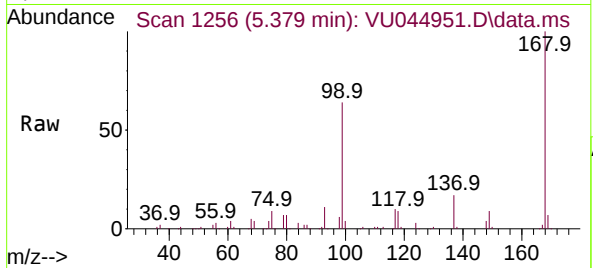




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044951.D
Acq: 28 Sep 2021 19:05

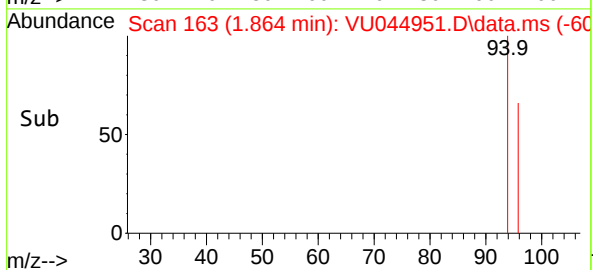
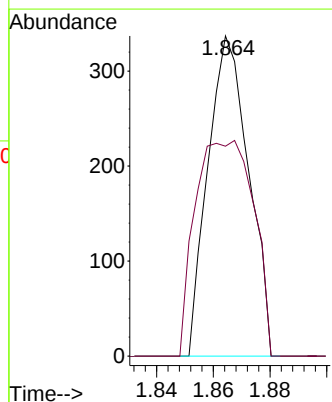
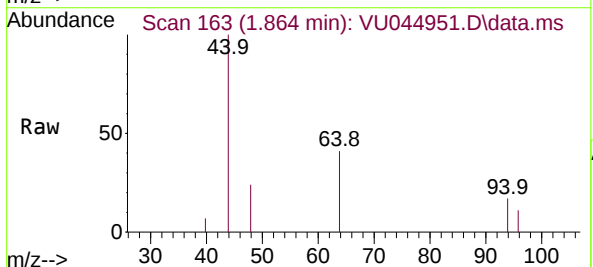
Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

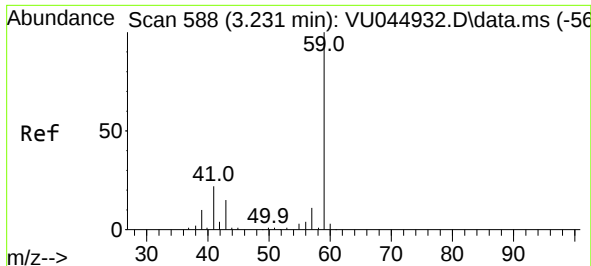
Tgt Ion:168 Resp: 197809
Ion Ratio Lower Upper
168 100
99 64.1 51.4 77.0



#5
Bromomethane
Concen: 0.270 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.032 min
Lab File: VU044951.D
Acq: 28 Sep 2021 19:05

Tgt Ion: 94 Resp: 336
Ion Ratio Lower Upper
94 100
96 65.6 74.5 111.7#





#11

Tert butyl alcohol

Concen: 8.974 ug/l

RT: 3.192 min Scan# 51

Delta R.T. -0.039 min

Lab File: VU044951.D

Acq: 28 Sep 2021 19:05

Instrument :

MSVOA_U

ClientSampleId :

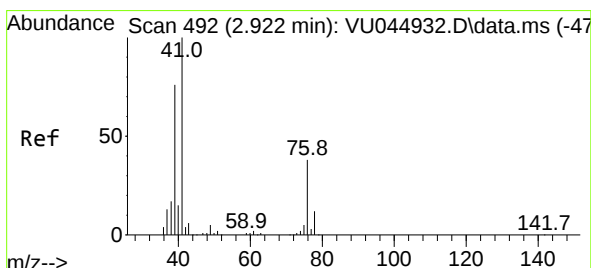
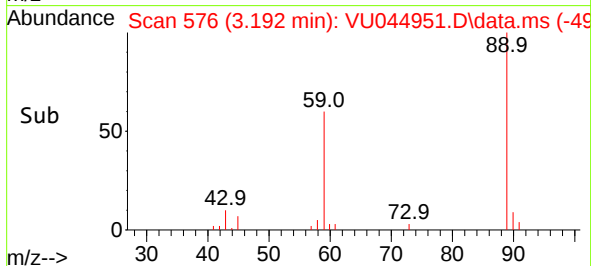
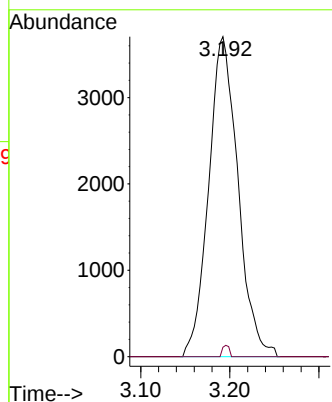
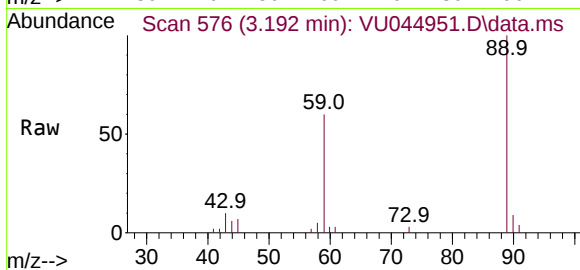
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Tgt Ion: 59 Resp: 8481

Ion Ratio Lower Upper

59 100

57 0.8 8.3 12.5#



#14

Allyl chloride

Concen: 0.267 ug/l

RT: 2.761 min Scan# 442

Delta R.T. -0.161 min

Lab File: VU044951.D

Acq: 28 Sep 2021 19:05

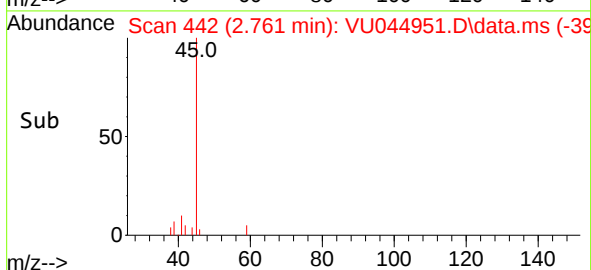
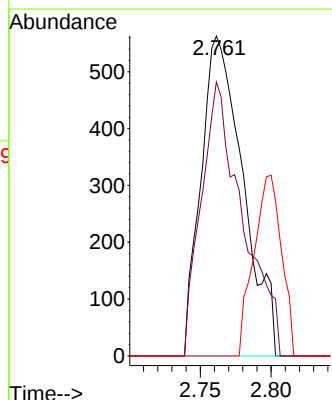
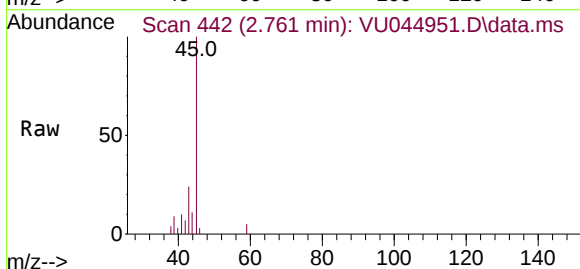
Tgt Ion: 41 Resp: 1160

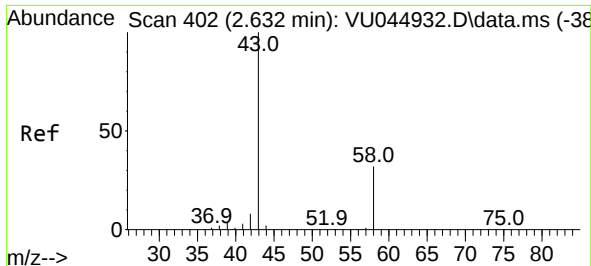
Ion Ratio Lower Upper

41 100

39 84.3 53.0 79.6#

76 0.0 25.7 38.5#





#16

Acetone

Concen: 2.763 ug/l

RT: 2.633 min Scan# 402

Delta R.T. 0.001 min

Lab File: VU044951.D

Acq: 28 Sep 2021 19:05

Instrument :

MSVOA_U

ClientSampleId :

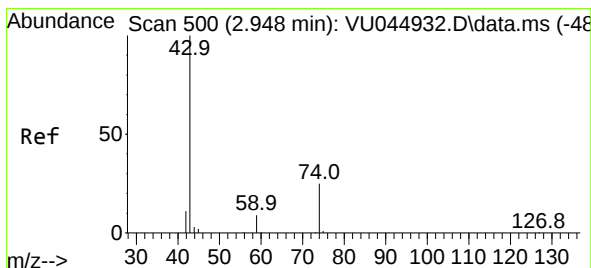
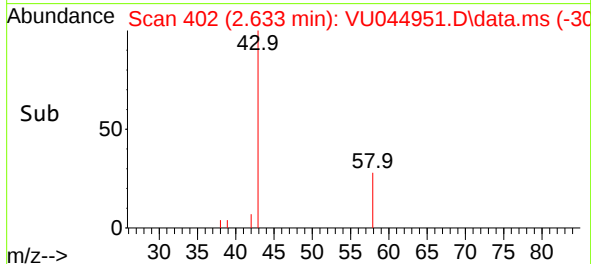
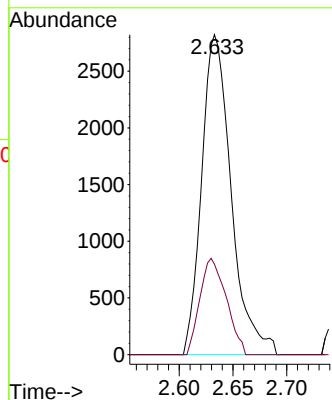
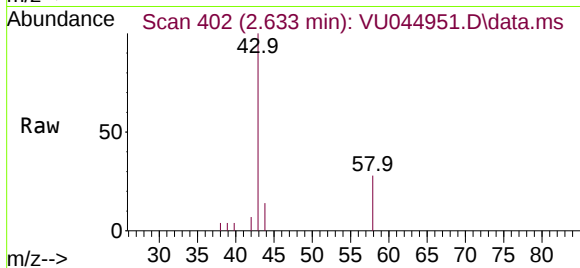
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Tgt Ion: 43 Resp: 5401

Ion Ratio Lower Upper

43 100

58 28.3 25.2 37.8



#18

Methyl Acetate

Concen: 0.598 ug/l

RT: 2.768 min Scan# 444

Delta R.T. -0.180 min

Lab File: VU044951.D

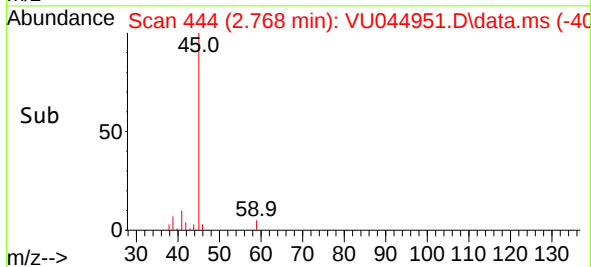
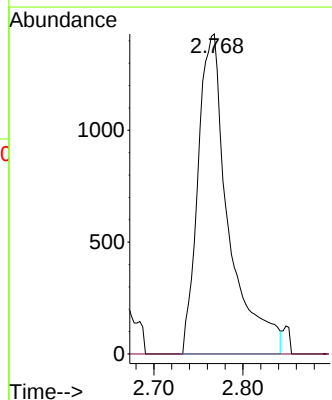
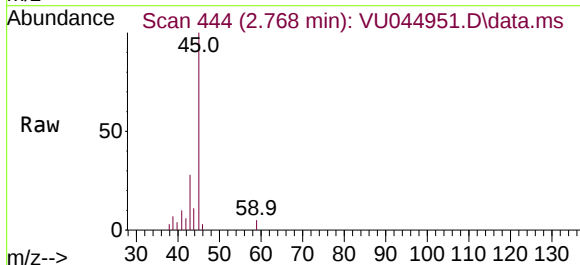
Acq: 28 Sep 2021 19:05

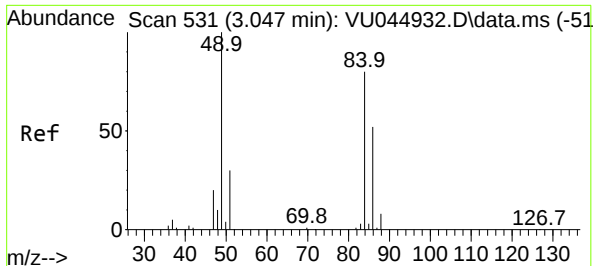
Tgt Ion: 43 Resp: 3414

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#



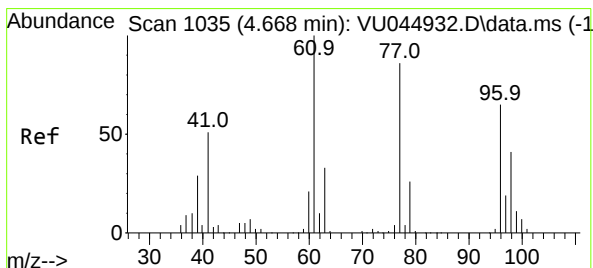
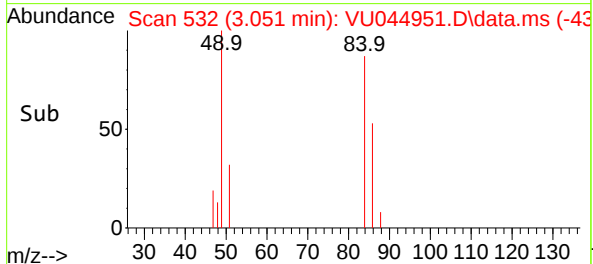
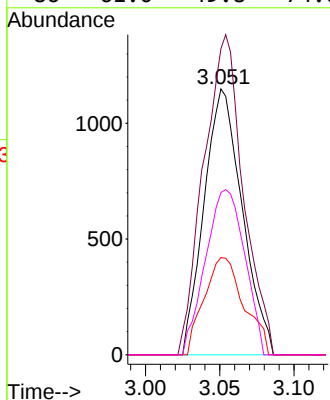
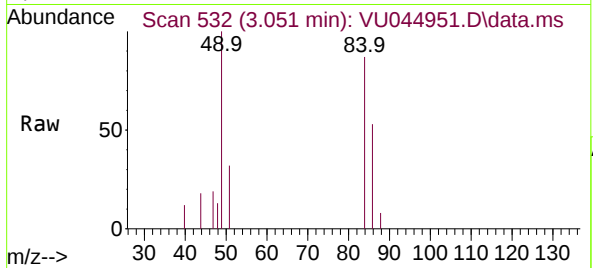


#20
Methylene Chloride
Concen: 0.697 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.004 min
Lab File: VU044951.D
Acq: 28 Sep 2021 19:05

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 84 Resp: 2051

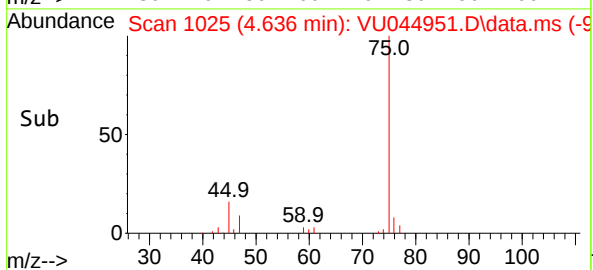
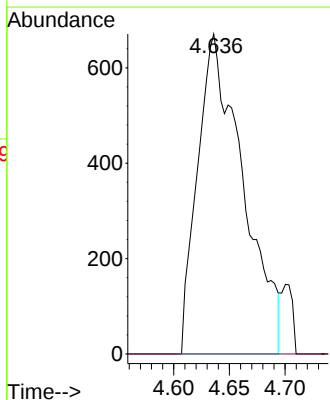
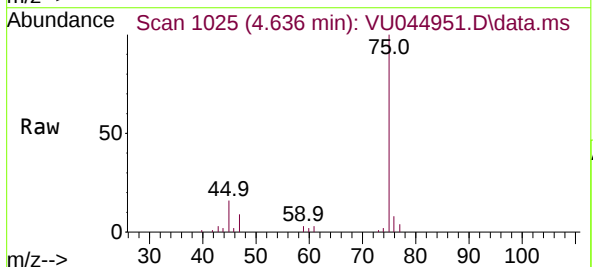
Ion	Ratio	Lower	Upper
84	100		
49	115.1	104.9	157.3
51	36.6	31.8	47.8
86	61.0	49.8	74.6

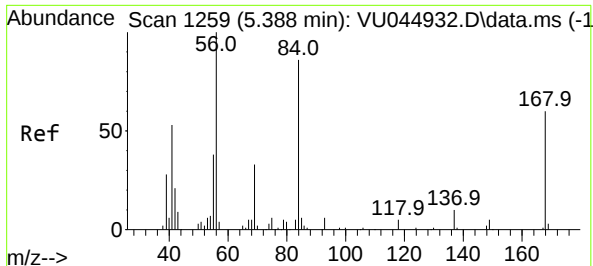


#26
2,2-Dichloropropane
Concen: 0.441 ug/l
RT: 4.636 min Scan# 1025
Delta R.T. -0.032 min
Lab File: VU044951.D
Acq: 28 Sep 2021 19:05

Tgt Ion: 77 Resp: 1896

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.8	32.4#

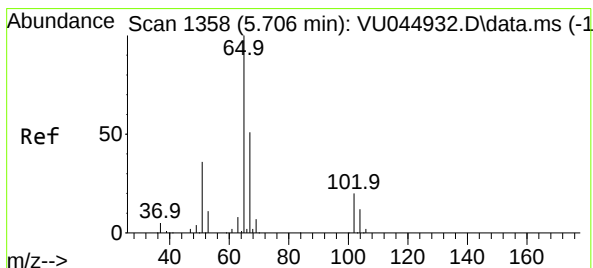
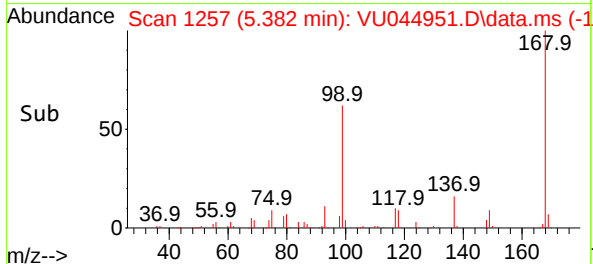
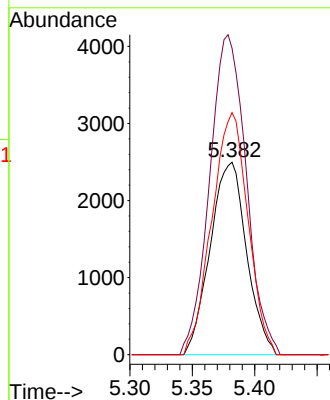
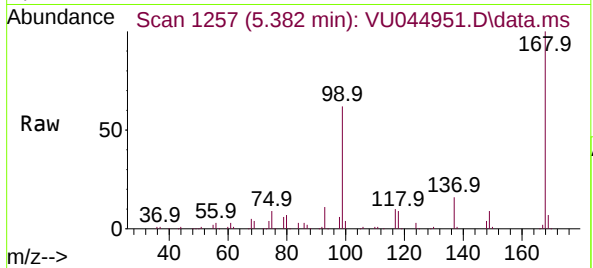




#31
Cyclohexane
Concen: 1.013 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU044951.D
Acq: 28 Sep 2021 19:05

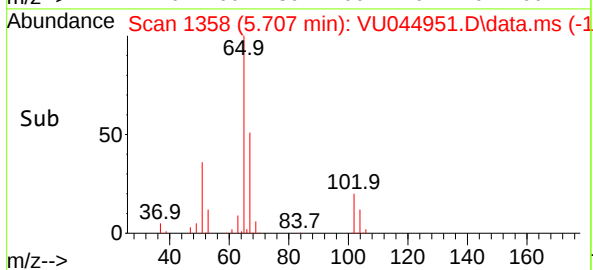
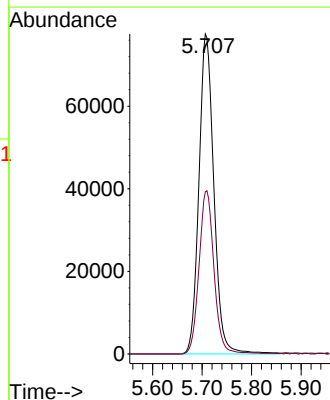
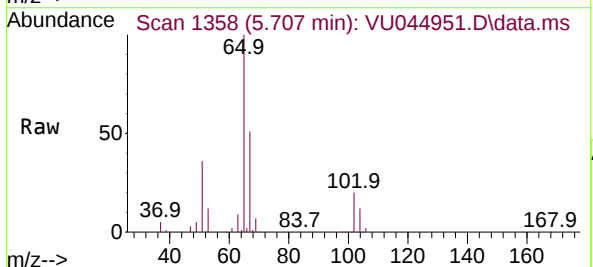
Instrument :
MSVOA_U
ClientSampleId :
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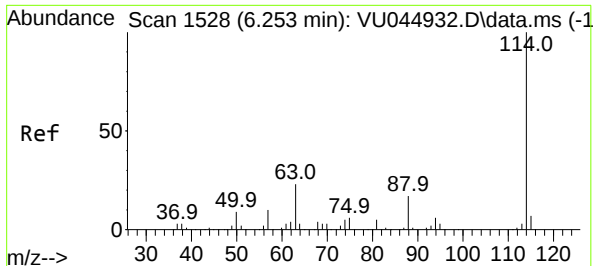
Tgt Ion: 56 Resp: 5069
Ion Ratio Lower Upper
56 100
69 159.2 25.2 37.8#
84 125.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.539 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.001 min
Lab File: VU044951.D
Acq: 28 Sep 2021 19:05

Tgt Ion: 65 Resp: 163120
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU044951.D

Acq: 28 Sep 2021 19:05

Instrument :

MSVOA_U

ClientSampleId :

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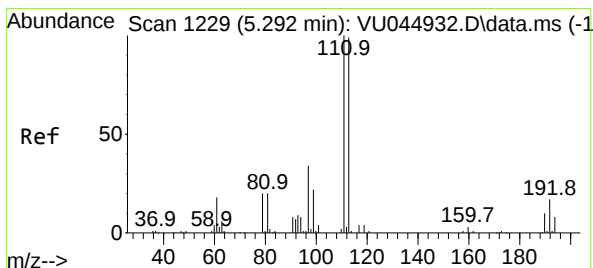
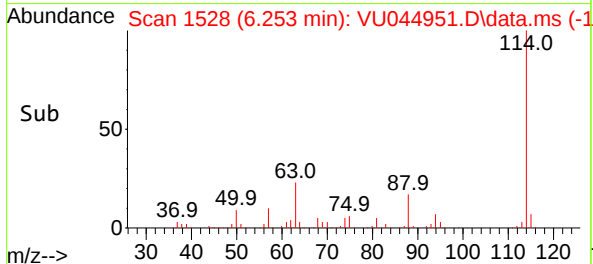
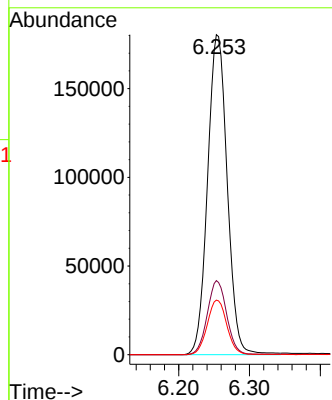
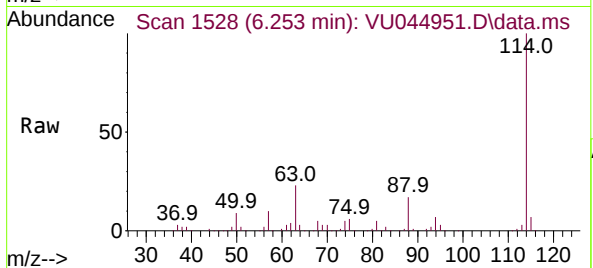
Tgt Ion:114 Resp: 347410

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.8

88 17.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.676 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044951.D

Acq: 28 Sep 2021 19:05

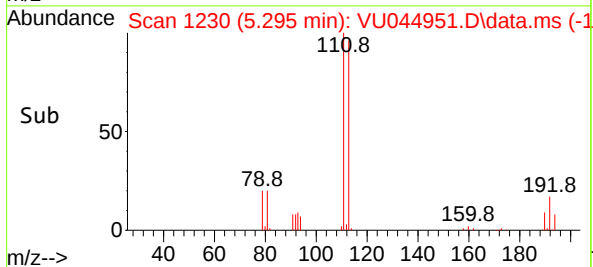
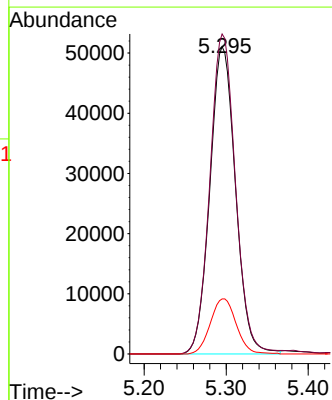
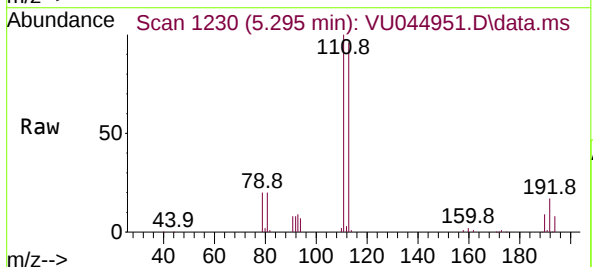
Tgt Ion:113 Resp: 111060

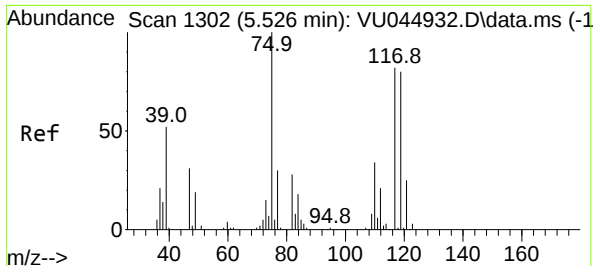
Ion Ratio Lower Upper

113 100

111 104.3 84.1 126.1

192 18.1 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.135 ug/l

RT: 5.379 min Scan# 1

Delta R.T. -0.147 min

Lab File: VU044951.D

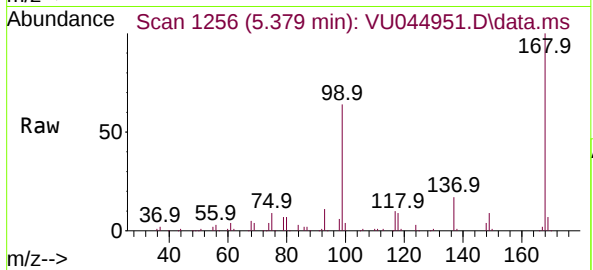
Acq: 28 Sep 2021 19:05

Instrument :

MSVOA_U

ClientSampleId :

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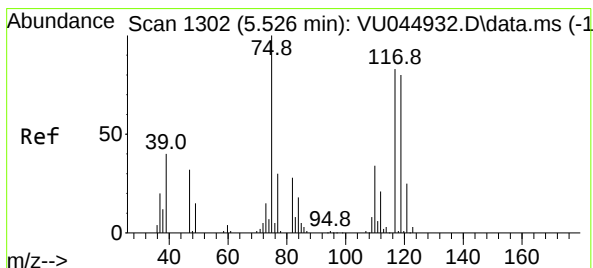
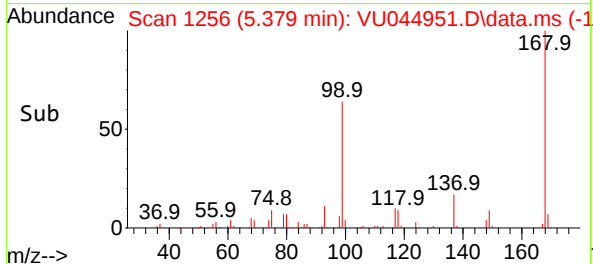
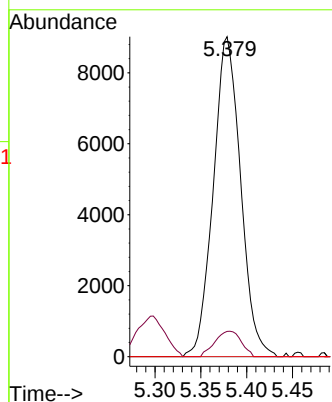
Tgt Ion: 75 Resp: 18656

Ion Ratio Lower Upper

75 100

110 7.7 16.3 48.9#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.353 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.144 min

Lab File: VU044951.D

Acq: 28 Sep 2021 19:05

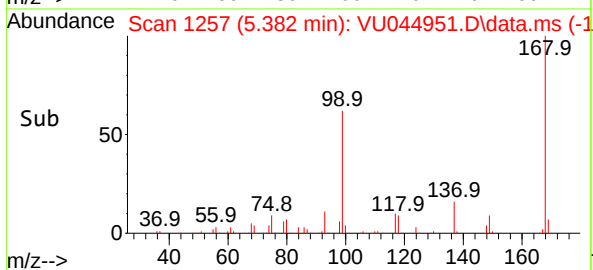
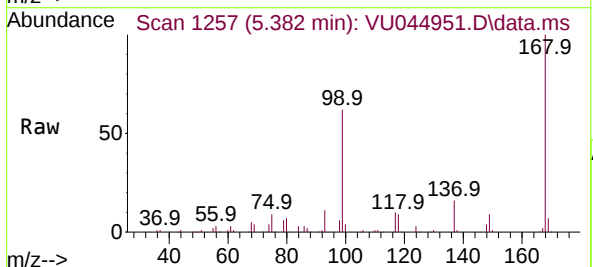
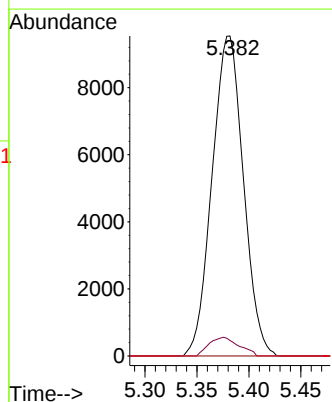
Tgt Ion: 117 Resp: 19972

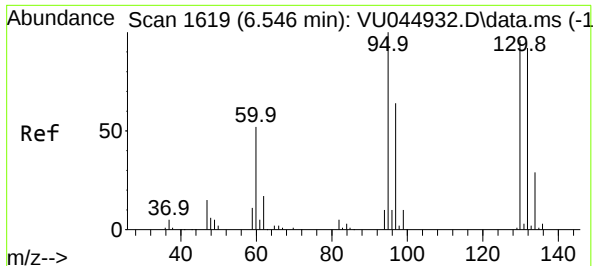
Ion Ratio Lower Upper

117 100

119 4.9 77.4 116.2#

121 0.0 24.5 36.7#





#44

Trichloroethene

Concen: 0.334 ug/l

RT: 6.552 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU044951.D

Acq: 28 Sep 2021 19:05

Instrument :

MSVOA_U

ClientSampleId :

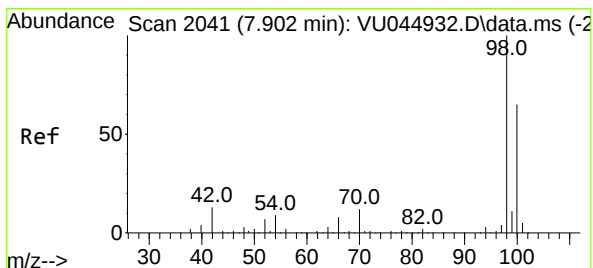
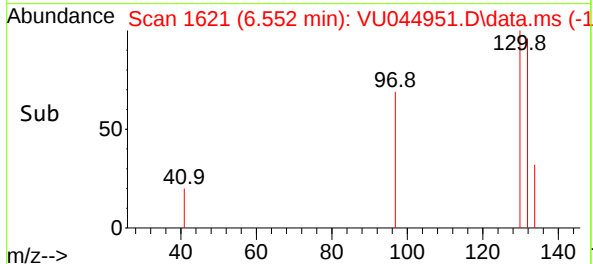
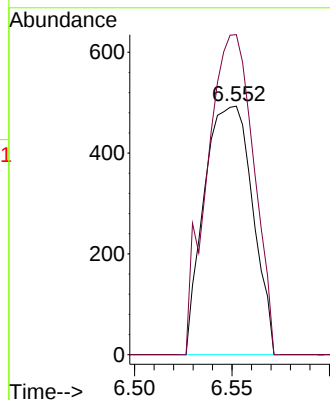
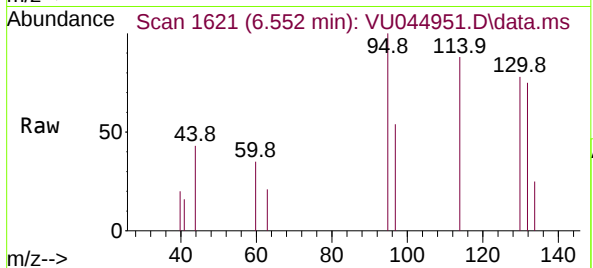
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Tgt Ion:130 Resp: 852

Ion Ratio Lower Upper

130 100

95 128.8 0.0 209.0



#50

Toluene-d8

Concen: 51.734 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.001 min

Lab File: VU044951.D

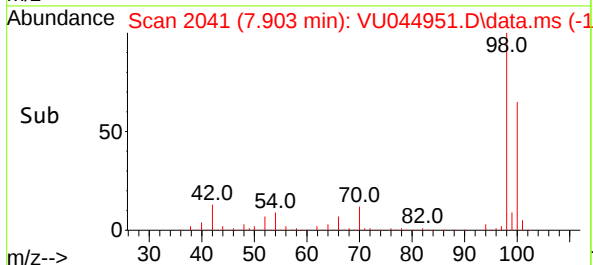
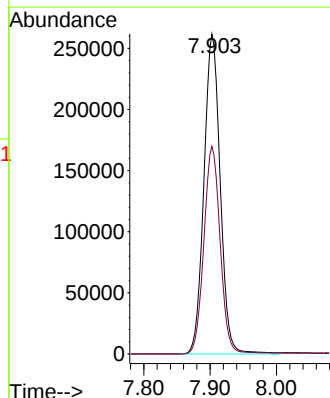
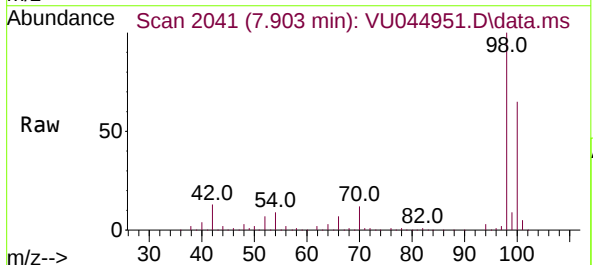
Acq: 28 Sep 2021 19:05

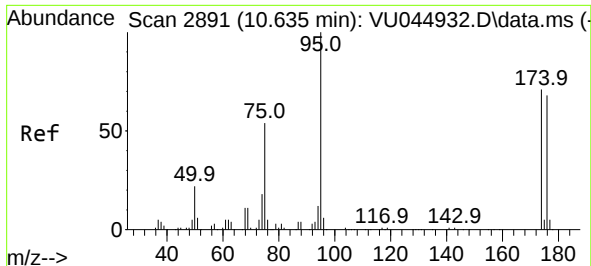
Tgt Ion: 98 Resp: 447976

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7

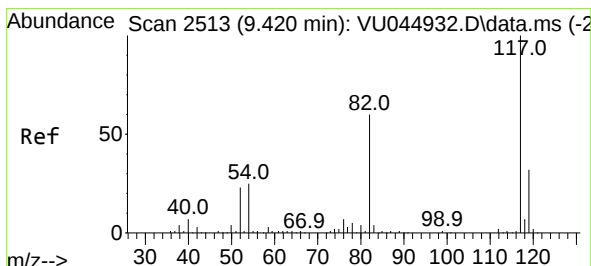
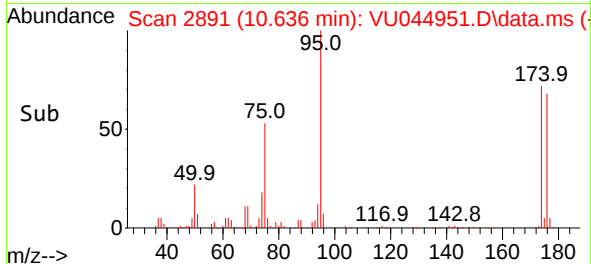
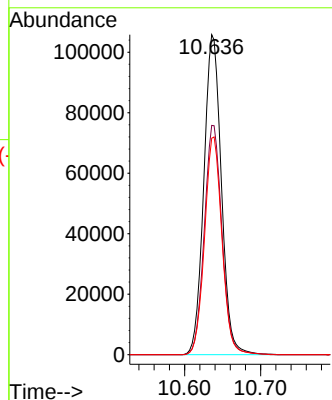
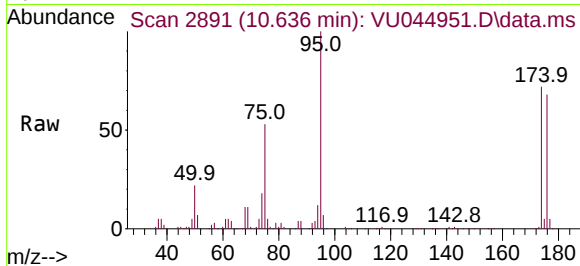




#62
4-Bromofluorobenzene
Concen: 47.412 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044951.D
Acq: 28 Sep 2021 19:05

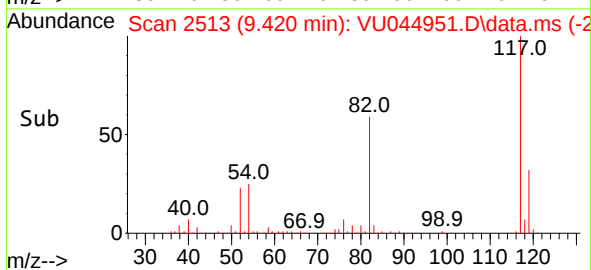
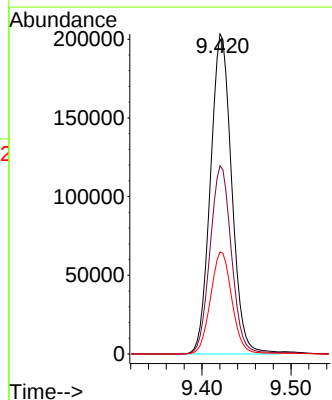
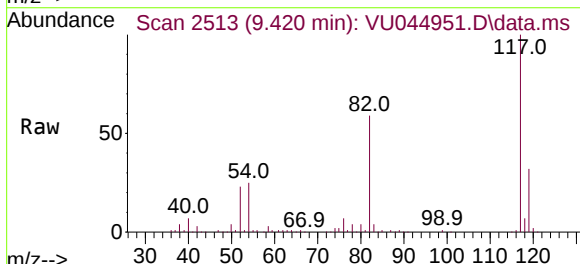
Instrument :
MSVOA_U
ClientSampleId :
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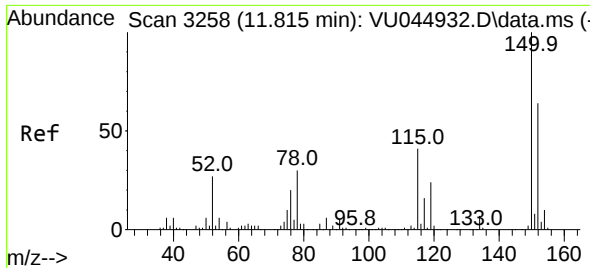
Tgt Ion: 95 Resp: 169499
Ion Ratio Lower Upper
95 100
174 72.2 0.0 146.6
176 67.7 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044951.D
Acq: 28 Sep 2021 19:05

Tgt Ion: 117 Resp: 336995
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 31.9 25.8 38.6

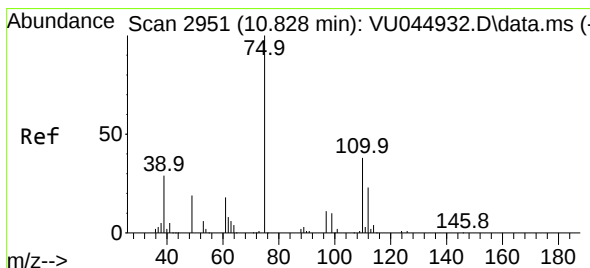
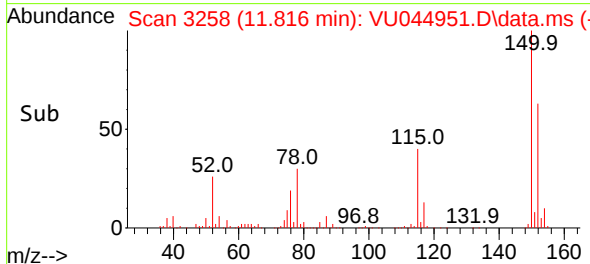
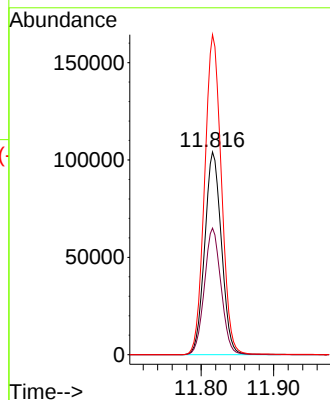
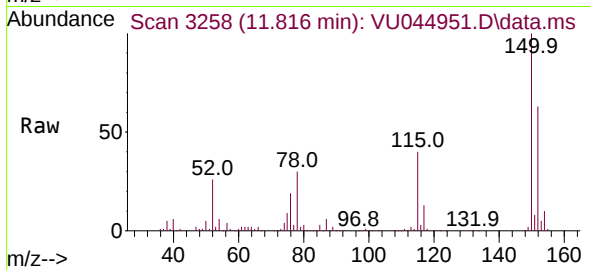




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VU044951.D
 Acq: 28 Sep 2021 19:05

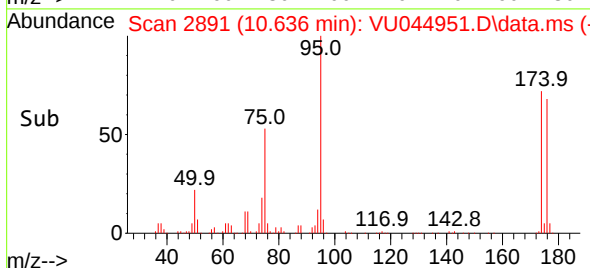
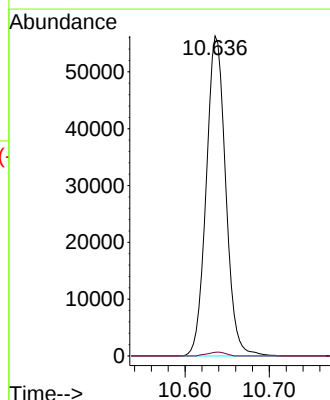
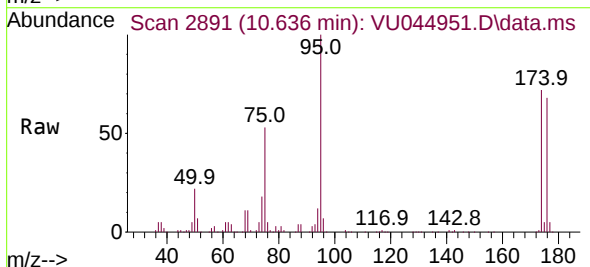
Instrument :
 MSVOA_U
 ClientSampleId :
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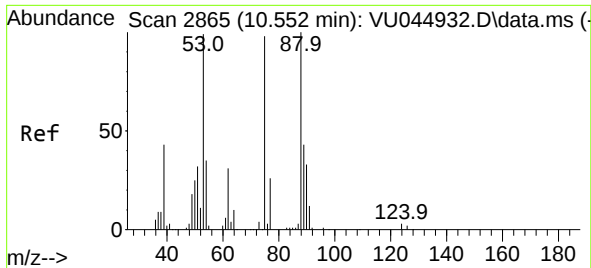
Tgt Ion:152 Resp: 166784
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.5 130.7
 150 157.8 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 18.613 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.192 min
 Lab File: VU044951.D
 Acq: 28 Sep 2021 19:05

Tgt Ion: 75 Resp: 90550
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.655 ug/l
 RT: 10.636 min Scan# 21
 Delta R.T. 0.084 min
 Lab File: VU044951.D
 Acq: 28 Sep 2021 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 75 Resp: 90550
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

