

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048812.D
 Acq On : 02 Jun 2022 18:33
 Operator : SY/MD
 Sample : N3170-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20220409-FIELD-BLANK-2

Quant Time: Jun 03 01:18:20 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)

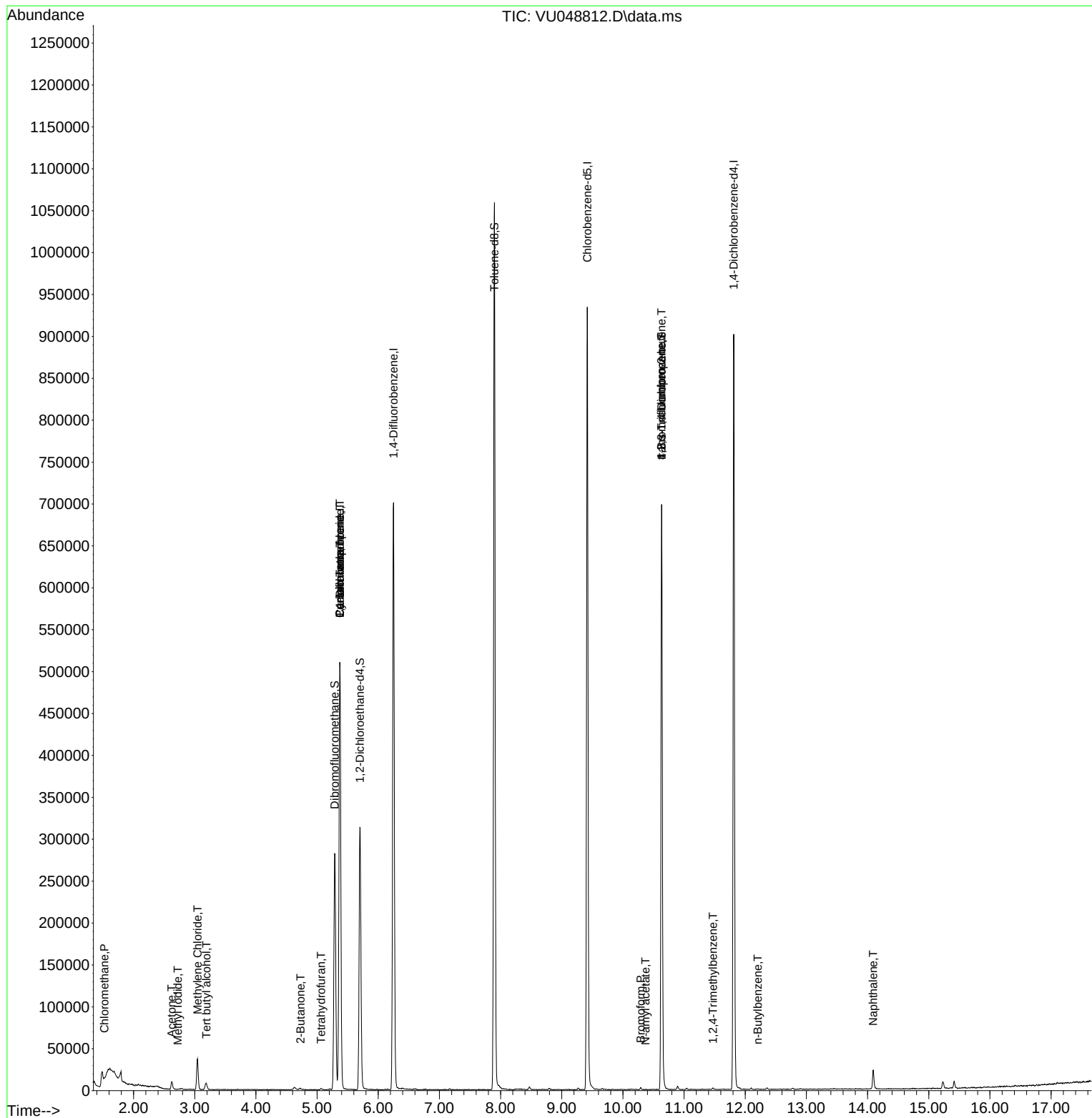
Internal Standards						
1) Pentafluorobenzene	5.372	168	352307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	574704	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	523856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	241723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	238641	45.103	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.200%
35) Dibromofluoromethane	5.288	113	186254	45.427	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.860%
50) Toluene-d8	7.899	98	702340	47.787	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.580%
62) 4-Bromofluorobenzene	10.632	95	236762	42.596	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1092	0.210	ug/l	91
5) Bromomethane	1.845	94	342	Below Cal	#	65
6) Chloroethane	2.073	64	432	Below Cal	#	43
10) Methyl Iodide	2.723	142	81	3.018	ug/l #	37
11) Tert butyl alcohol	3.189	59	5711	4.257	ug/l #	28
13) Acrolein	2.485	56	266	Below Cal		88
16) Acetone	2.623	43	11003	4.081	ug/l	95
20) Methylene Chloride	3.044	84	16890	3.684	ug/l	90
25) 2-Butanone	4.729	43	2577	0.665	ug/l #	73
29) Tetrahydrofuran	5.066	42	938	0.384	ug/l #	71
31) Cyclohexane	5.372	56	7318	1.098	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	28748	4.804	ug/l #	50
38) Carbon Tetrachloride	5.372	117	35922	5.232	ug/l #	17
71) Bromoform	10.291	173	1199	0.308	ug/l #	91
74) N-amyl acetate	10.369	43	74	2.476	ug/l #	54
76) 1,2,3-Trichloropropane	10.632	75	122932	15.773	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	122932	57.270	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.471	105	1359	1.278	ug/l	92
89) n-Butylbenzene	12.204	91	65	2.190	ug/l #	34
95) Naphthalene	14.092	128	20485	3.555	ug/l	99

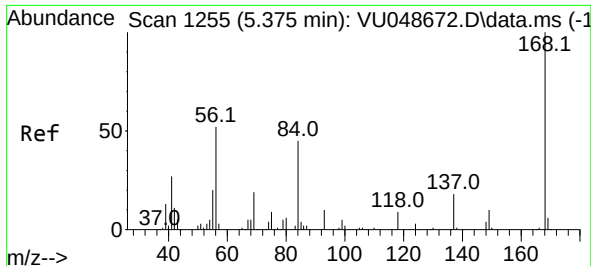
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Time: Jun 03 01:18:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
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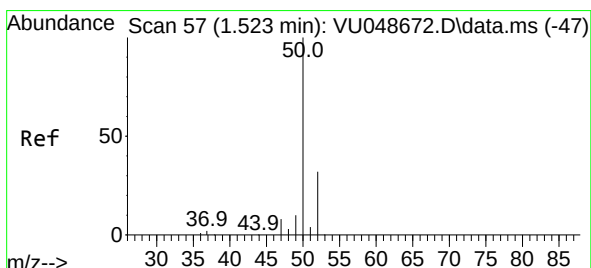
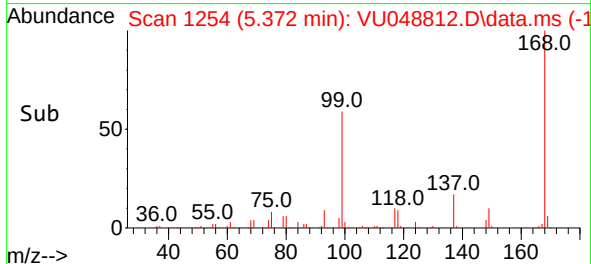
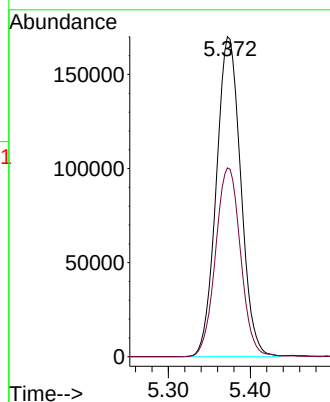
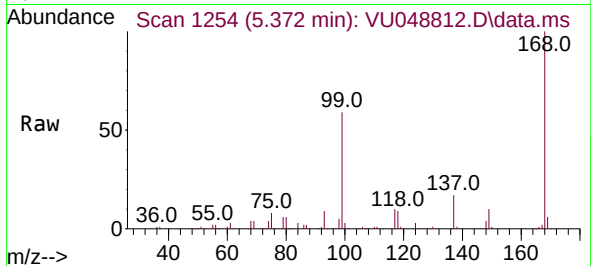




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

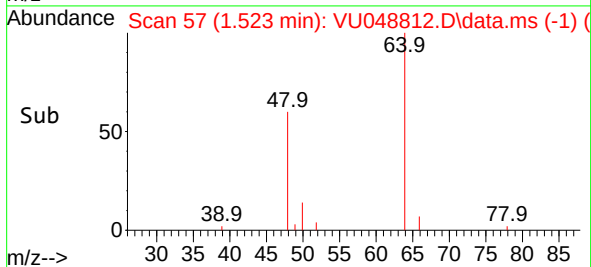
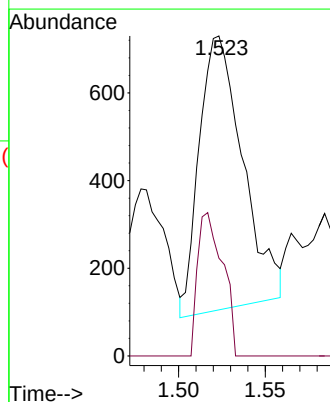
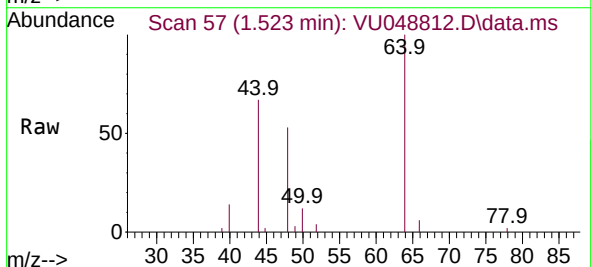
Instrument :
MSVOA_U
ClientSampleId :
20220409-FIELD-BLANK-2

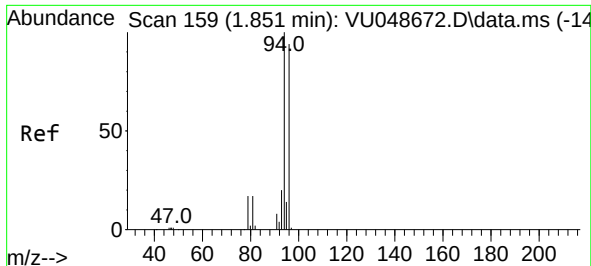
Tgt Ion:168 Resp: 352307
Ion Ratio Lower Upper
168 100
99 59.0 49.3 73.9



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion: 50 Resp: 1092
Ion Ratio Lower Upper
50 100
52 37.4 25.7 38.5

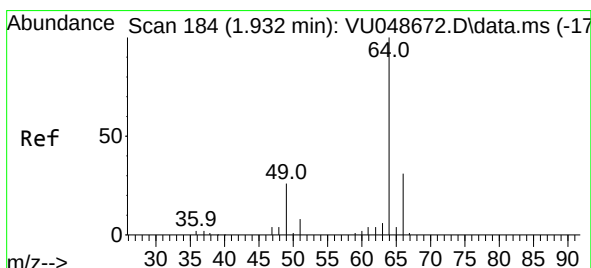
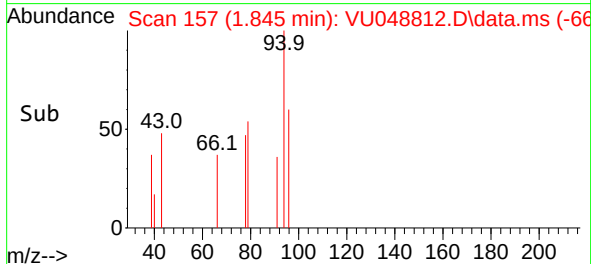
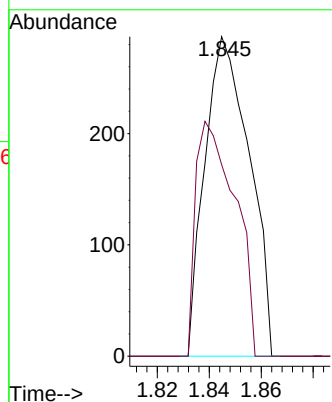
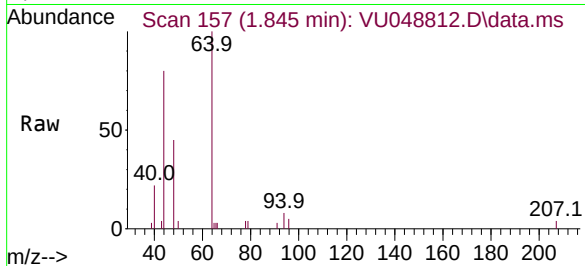




#5
Bromomethane
Concen: Below Cal
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

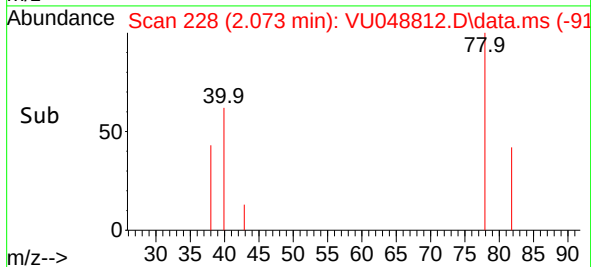
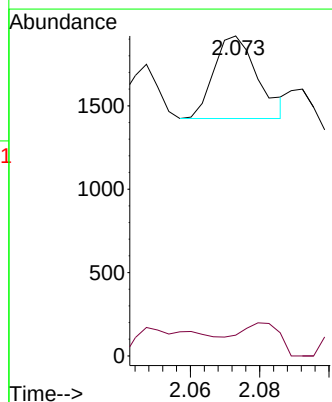
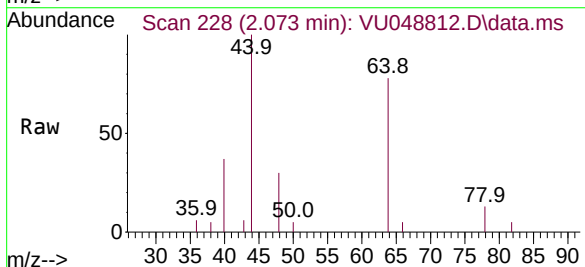
Instrument :
MSVOA_U
ClientSampleId :
20220409-FIELD-BLANK-2

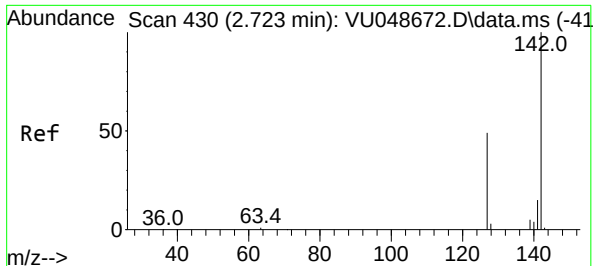
Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 59.9 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 2.073 min Scan# 228
Delta R.T. 0.141 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

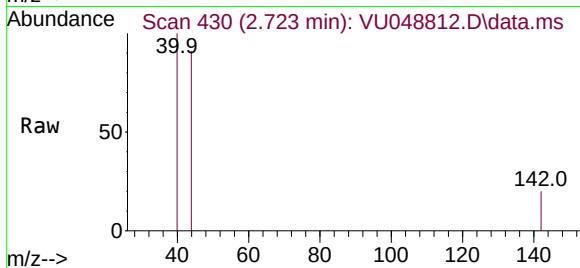
Tgt Ion: 64 Resp: 432
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



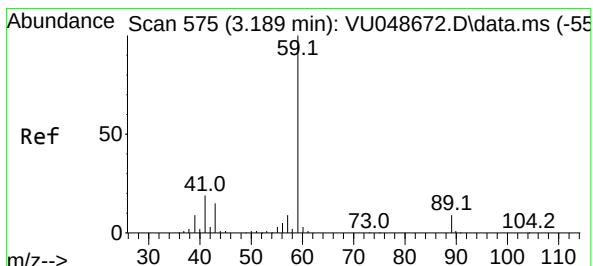
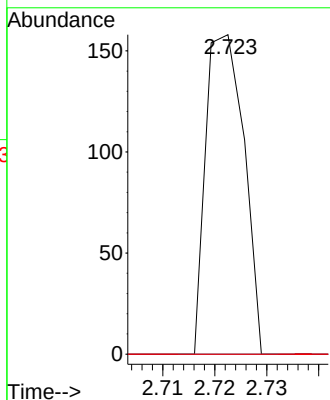
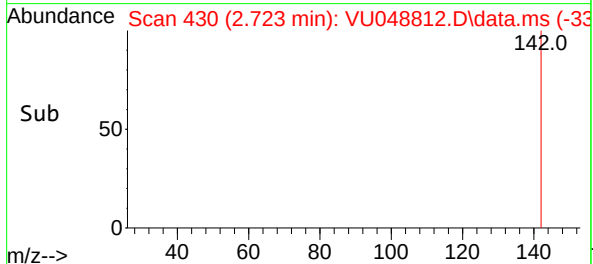


#10
Methyl Iodide
Concen: 3.018 ug/l
RT: 2.723 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Instrument :
MSVOA_U
ClientSampleId :
20220409-FIELD-BLANK-2

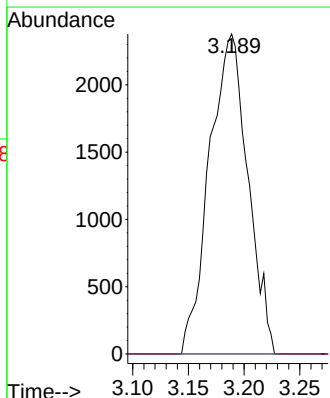
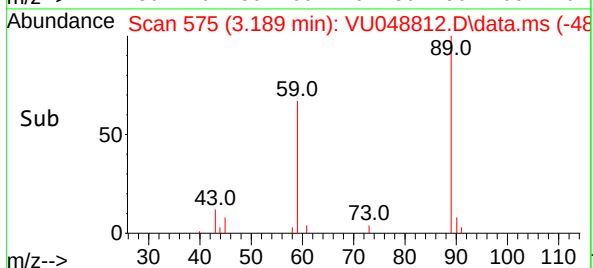
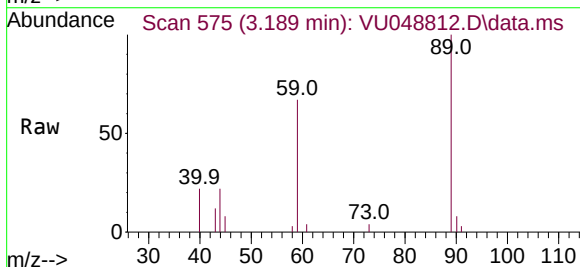


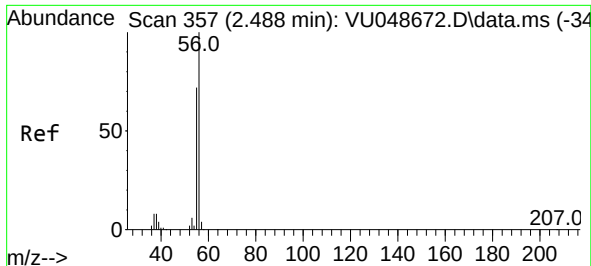
Tgt Ion:142 Resp: 81
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 4.257 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.000 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion: 59 Resp: 5711
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

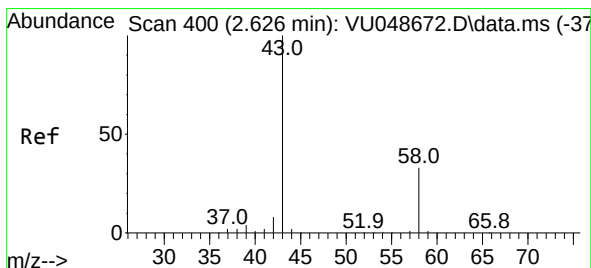
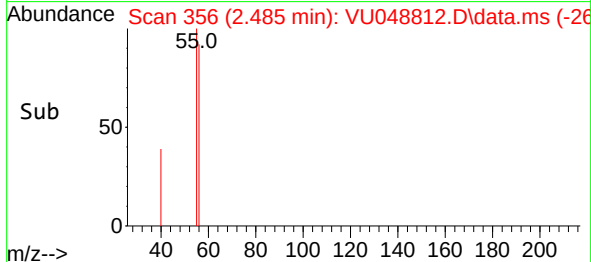
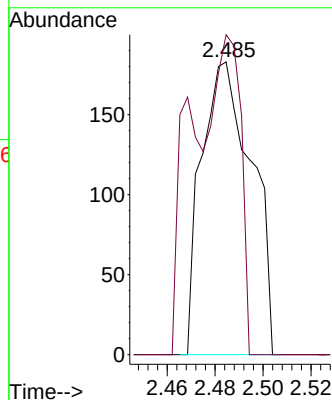
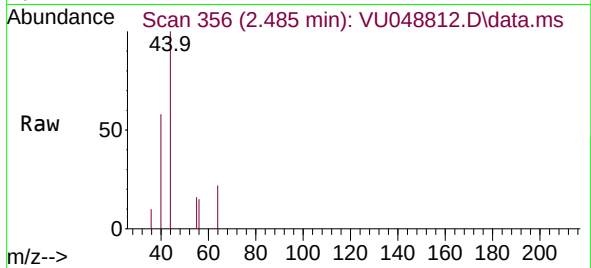




#13
Acrolein
Concen: Below Cal
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

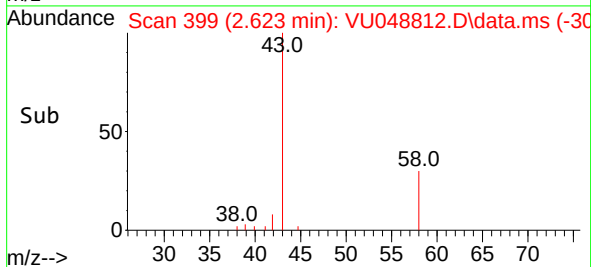
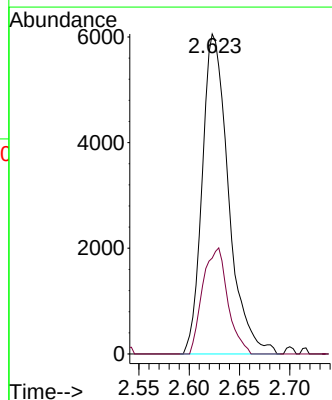
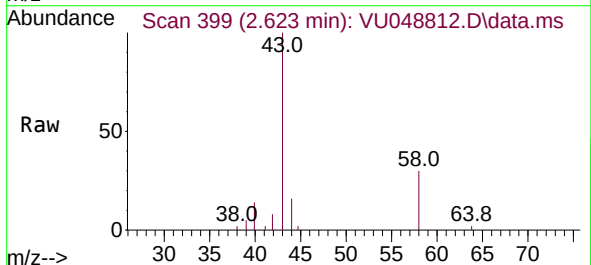
Instrument :
MSVOA_U
ClientSampleId :
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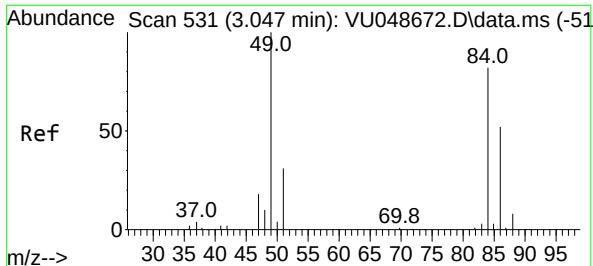
Tgt Ion: 56 Resp: 266
Ion Ratio Lower Upper
56 100
55 62.4 57.7 86.5



#16
Acetone
Concen: 4.081 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion: 43 Resp: 11003
Ion Ratio Lower Upper
43 100
58 30.0 26.3 39.5

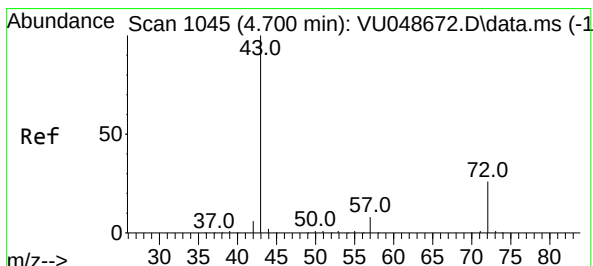
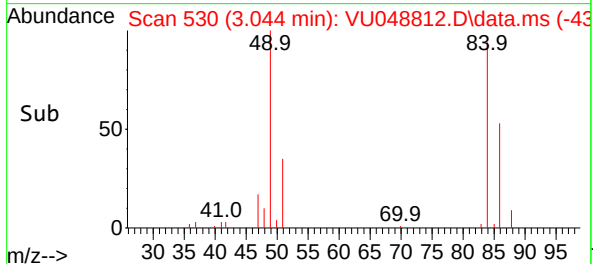
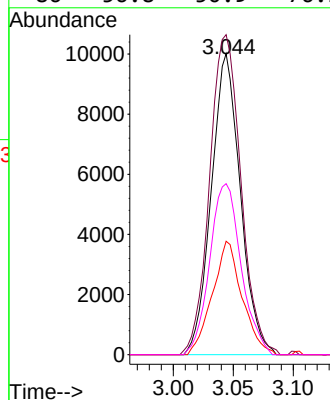
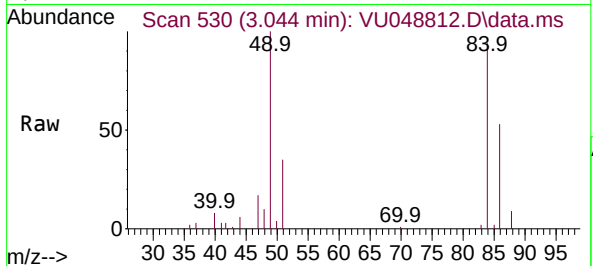




#20
Methylene Chloride
Concen: 3.684 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

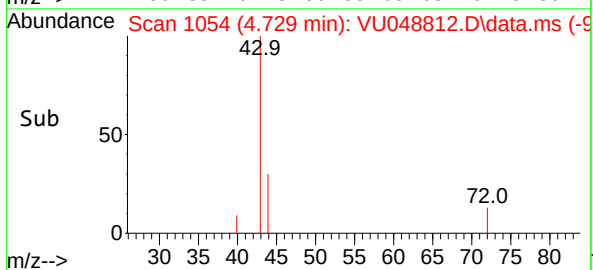
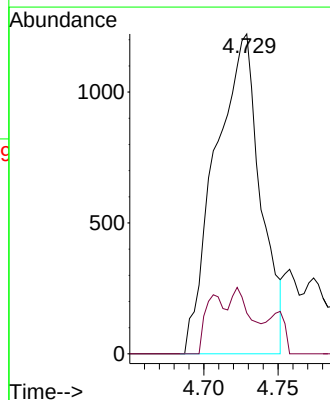
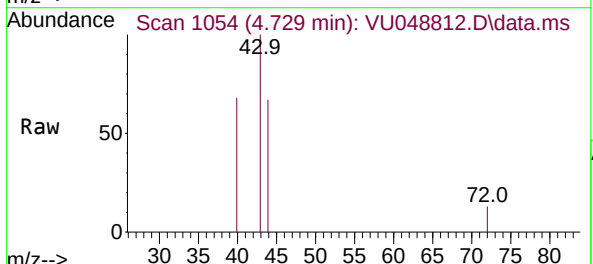
Instrument :
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ClientSampleId :
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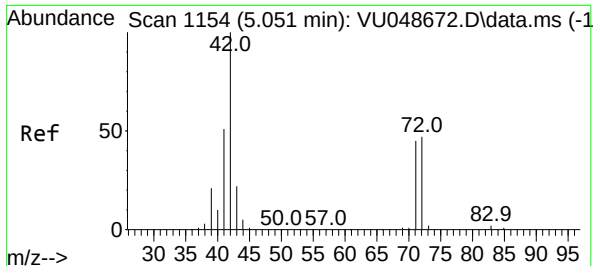
Tgt Ion:	84	Resp:	16890
Ion	Ratio	Lower	Upper
84	100		
49	106.3	97.0	145.4
51	37.7	29.8	44.8
86	56.8	50.9	76.3



#25
2-Butanone
Concen: 0.665 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.029 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion:	43	Resp:	2577
Ion	Ratio	Lower	Upper
43	100		
72	12.8	21.1	31.7#





#29

Tetrahydrofuran

Concen: 0.384 ug/l

RT: 5.066 min Scan# 1159

Delta R.T. 0.016 min

Lab File: VU048812.D

Acq: 02 Jun 2022 18:33

Instrument :

MSVOA_U

ClientSampleId :

20220409-FIELD-BLANK-2

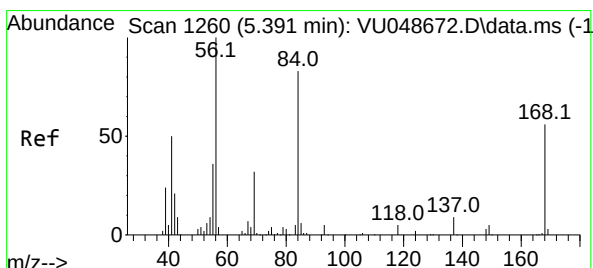
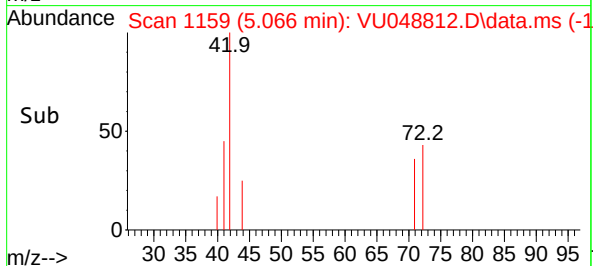
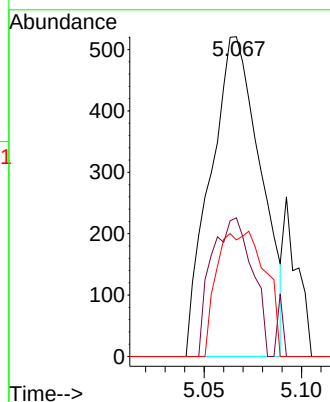
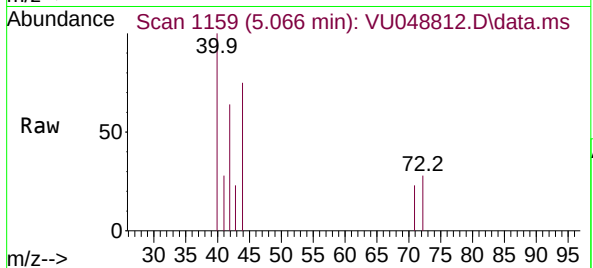
Tgt Ion: 42 Resp: 938

Ion Ratio Lower Upper

42 100

72 35.2 37.6 56.4#

71 17.1 35.0 52.4#



#31

Cyclohexane

Concen: 1.098 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048812.D

Acq: 02 Jun 2022 18:33

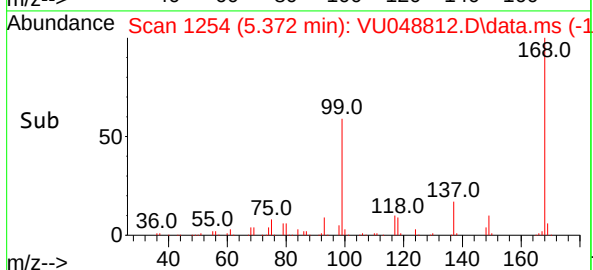
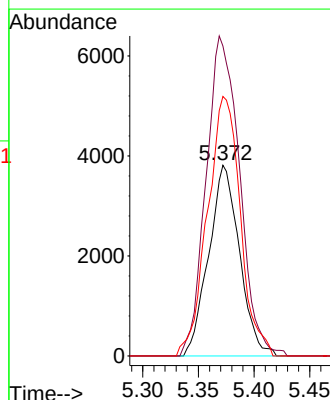
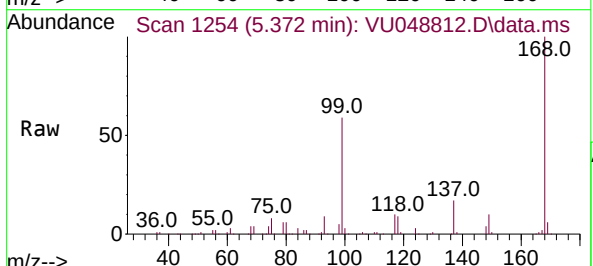
Tgt Ion: 56 Resp: 7318

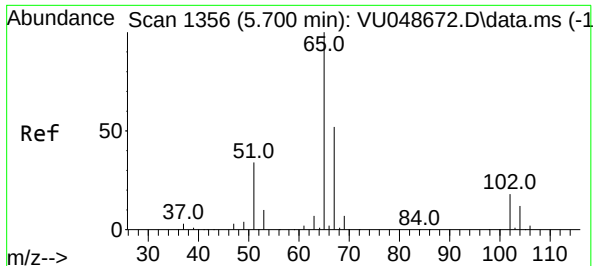
Ion Ratio Lower Upper

56 100

69 162.5 25.6 38.4#

84 136.1 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 45.103 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048812.D

Acq: 02 Jun 2022 18:33

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ClientSampleId :

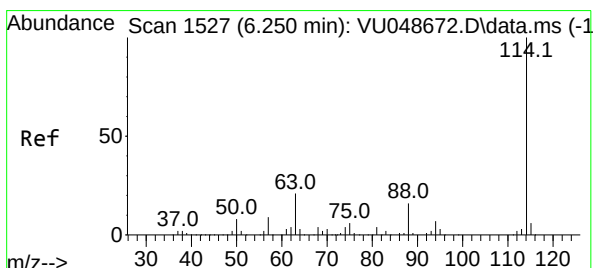
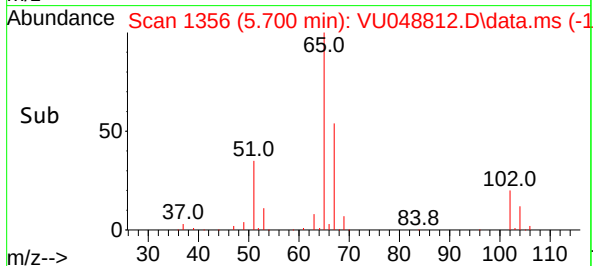
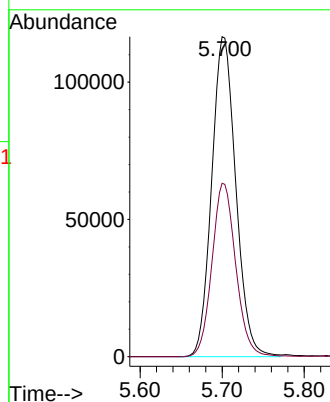
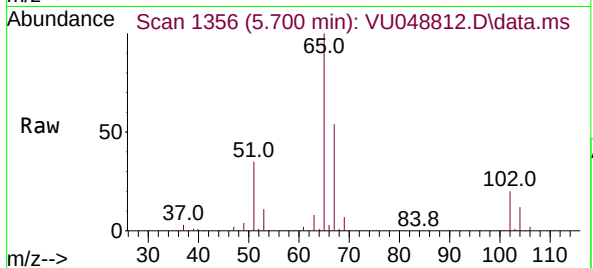
20220409-FIELD-BLANK-2

Tgt Ion: 65 Resp: 238641

Ion Ratio Lower Upper

65 100

67 53.5 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: VU048812.D

Acq: 02 Jun 2022 18:33

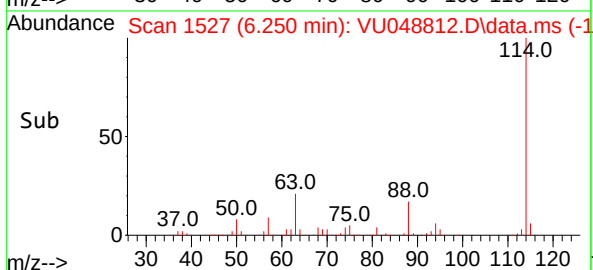
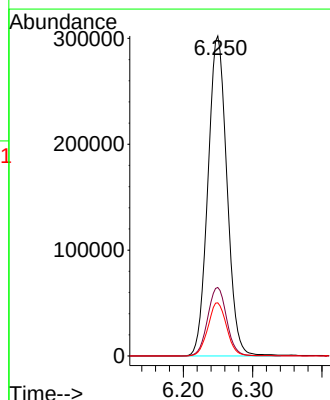
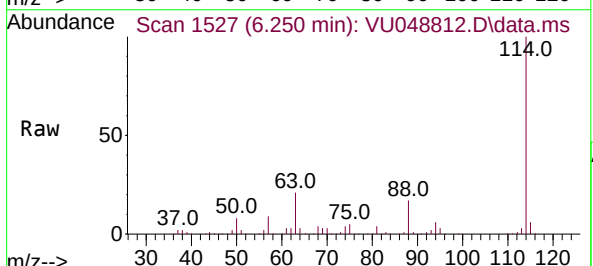
Tgt Ion: 114 Resp: 574704

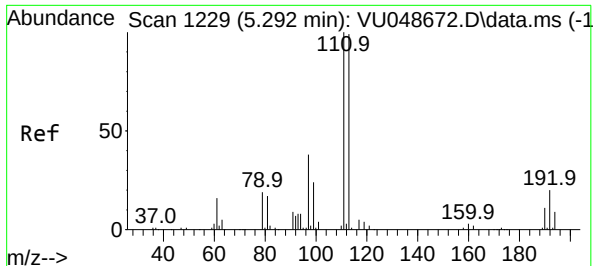
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.6 0.0 32.2

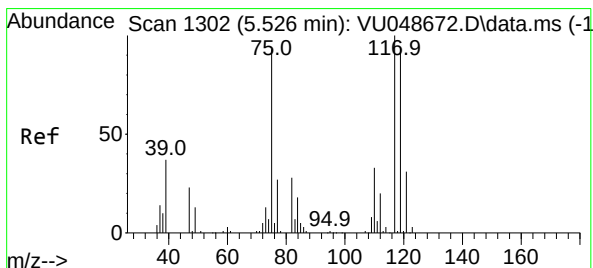
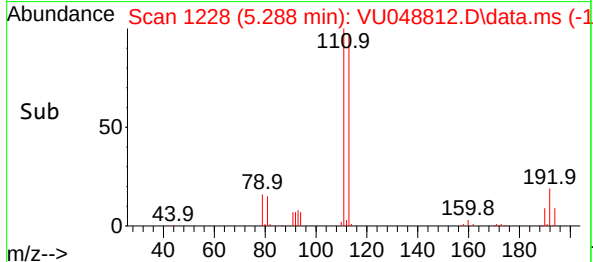
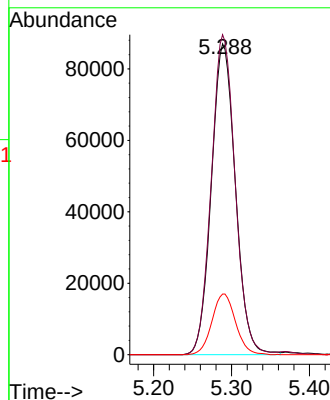
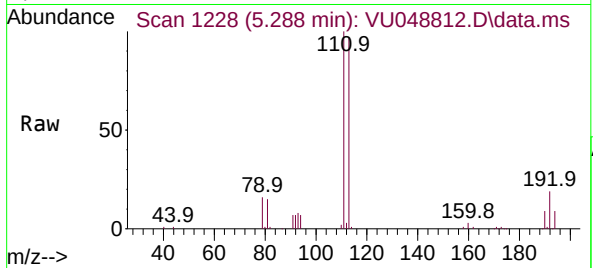




#35
Dibromofluoromethane
Concen: 45.427 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

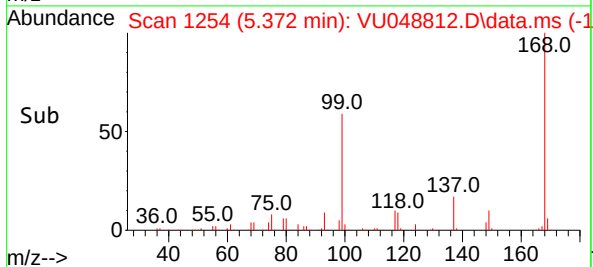
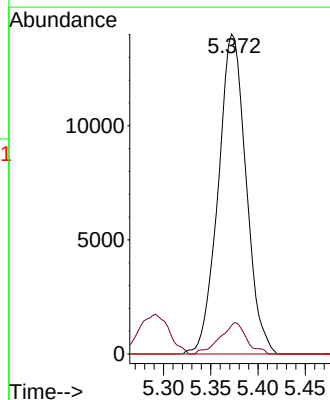
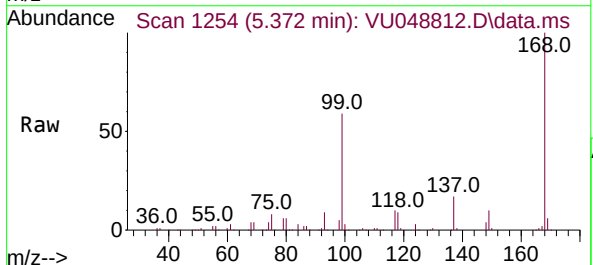
Instrument :
MSVOA_U
ClientSampleId :
20220409-FIELD-BLANK-2

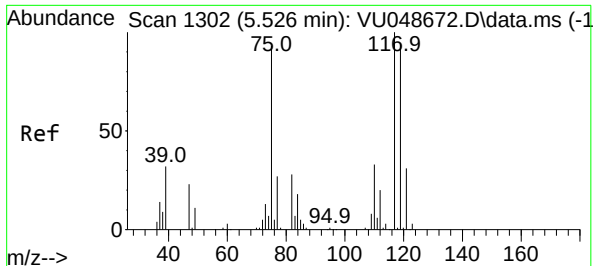
Tgt Ion:113 Resp: 186254
Ion Ratio Lower Upper
113 100
111 102.2 80.7 121.1
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion: 75 Resp: 28748
Ion Ratio Lower Upper
75 100
110 9.2 17.4 52.3#
77 0.0 24.8 37.2#

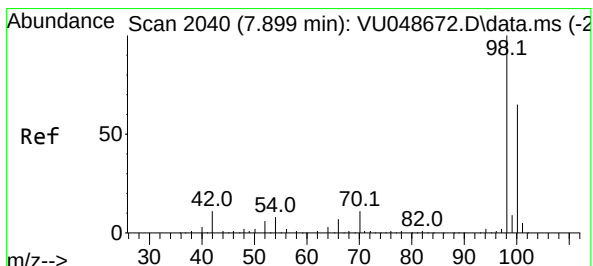
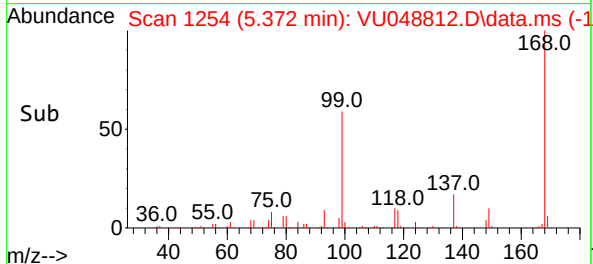
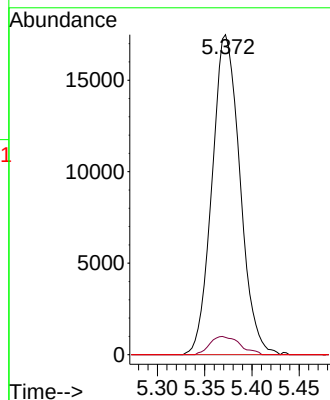
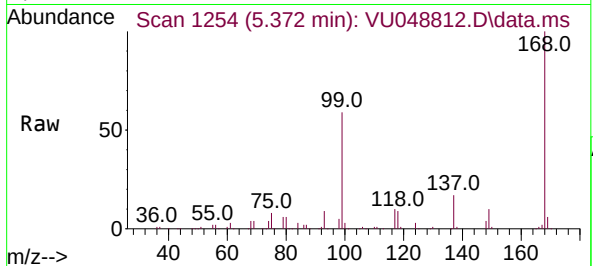




#38
Carbon Tetrachloride
Concen: 5.232 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

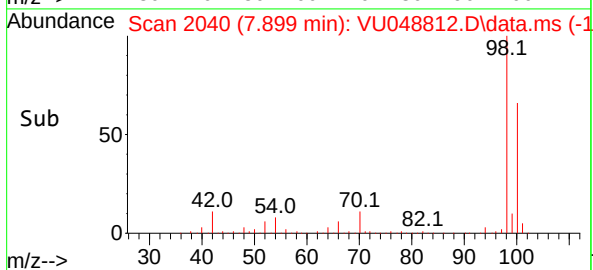
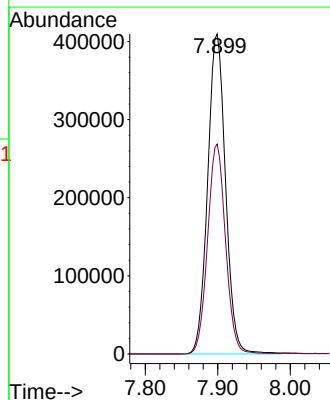
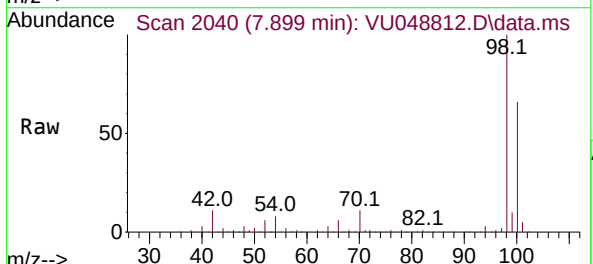
Instrument :
MSVOA_U
ClientSampleId :
20220409-FIELD-BLANK-2

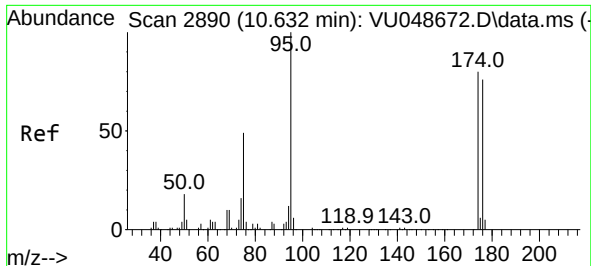
Tgt Ion:117 Resp: 35922
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.787 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion: 98 Resp: 702340
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

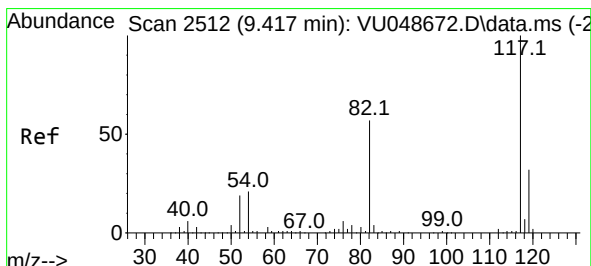
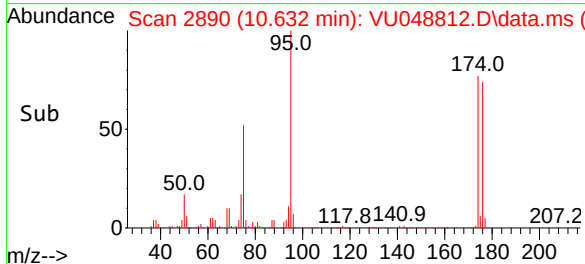
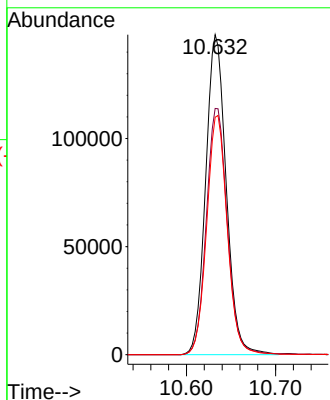
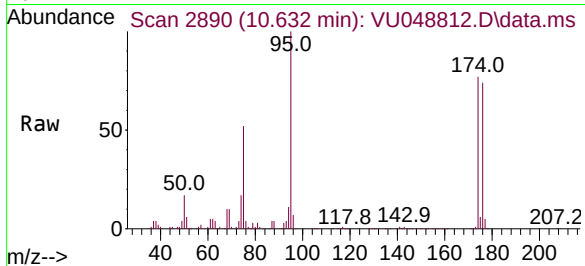




#62
4-Bromofluorobenzene
Concen: 42.596 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

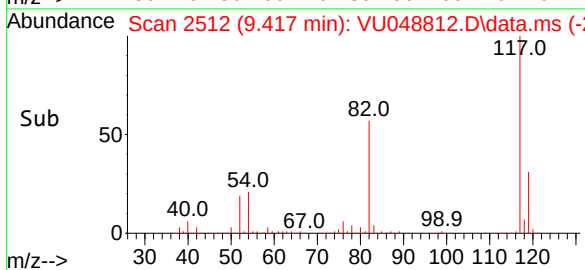
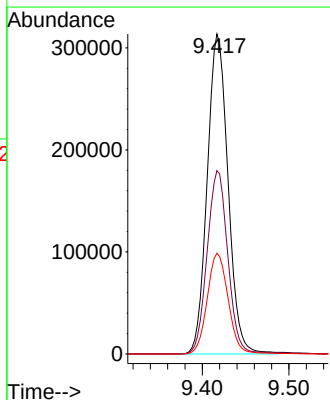
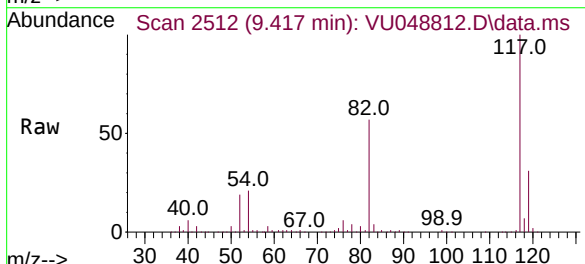
Instrument : MSVOA_U
ClientSampleId : 20220409-FIELD-BLANK-2

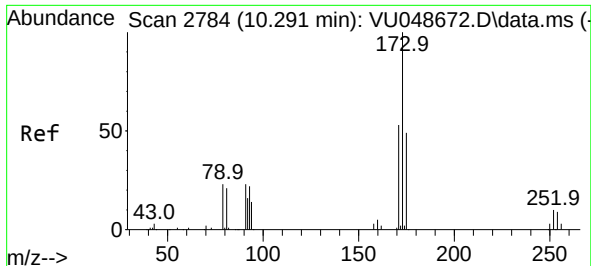
Tgt Ion: 95 Resp: 236762
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.4
176 74.9 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion: 117 Resp: 523856
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 31.5 25.4 38.2

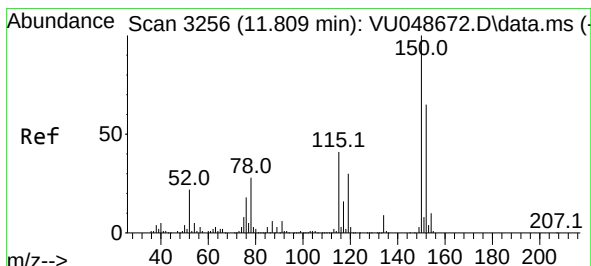
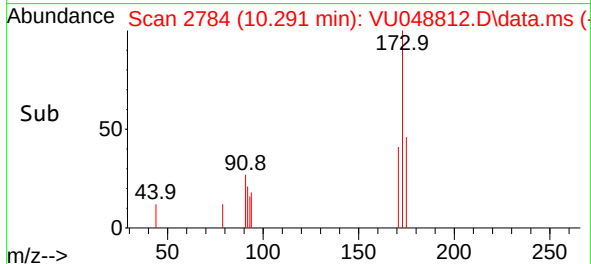
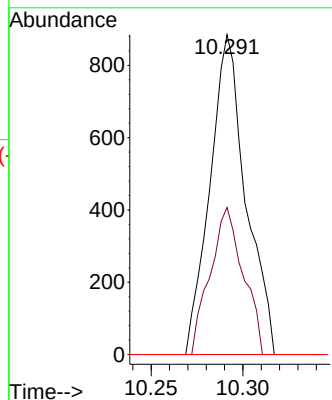
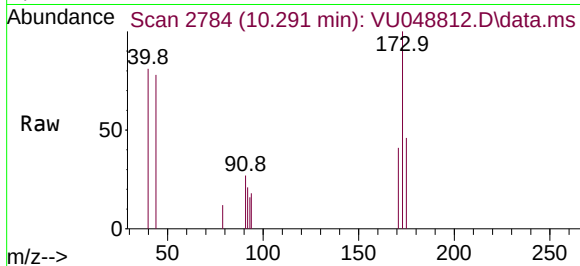




#71
Bromoform
Concen: 0.308 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

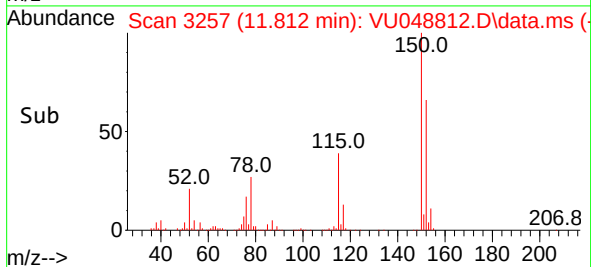
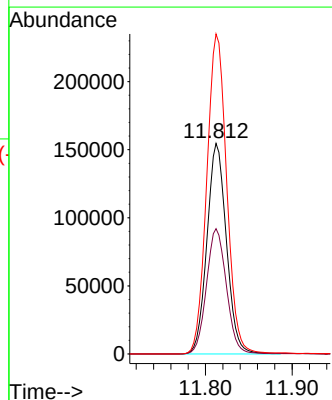
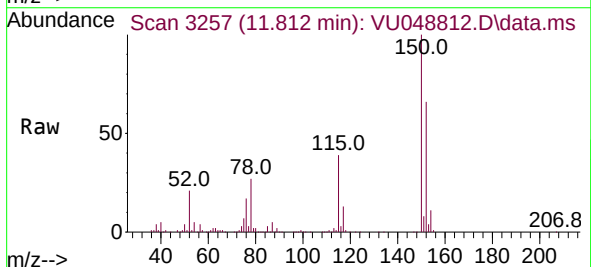
Instrument :
MSVOA_U
ClientSampleId :
20220409-FIELD-BLANK-2

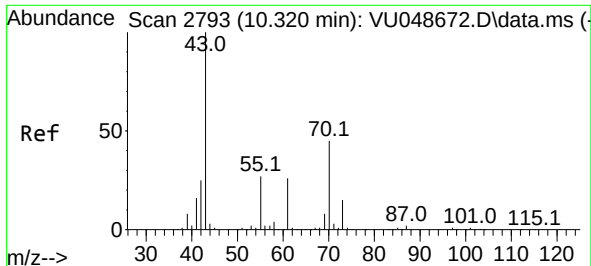
Tgt Ion:	173	Resp:	1199
Ion Ratio	Lower	Upper	
173	100		
175	42.6	24.5	73.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion:	152	Resp:	241723
Ion Ratio	Lower	Upper	
152	100		
115	60.9	41.8	125.4
150	155.2	0.0	341.0

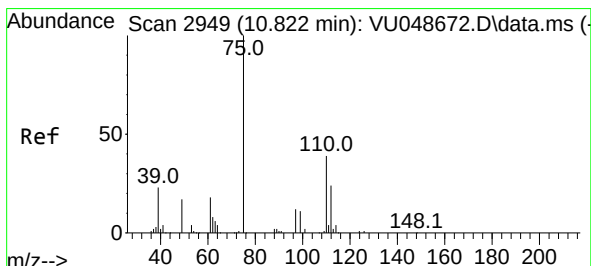
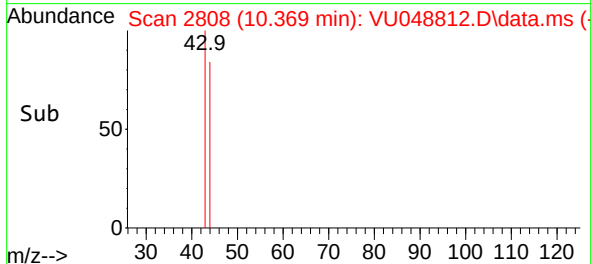
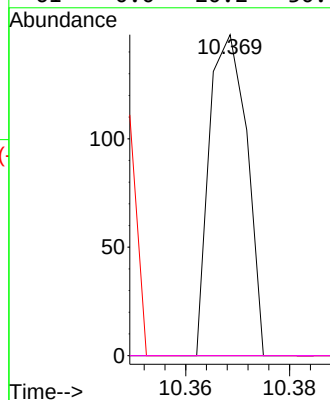
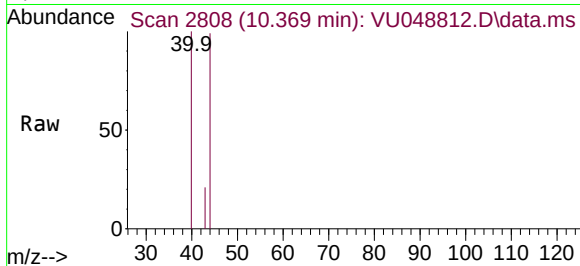




#74
N-amy1 acetate
Concen: 2.476 ug/l
RT: 10.369 min Scan# 21
Delta R.T. 0.049 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

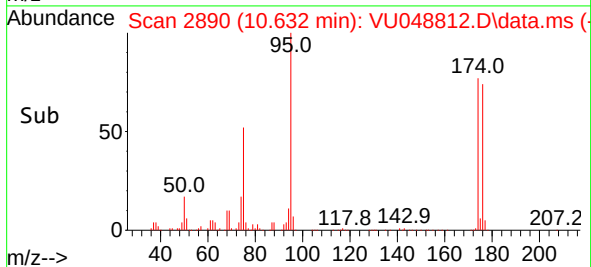
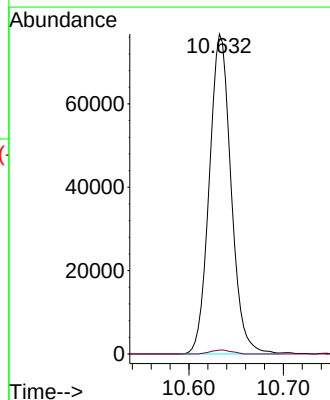
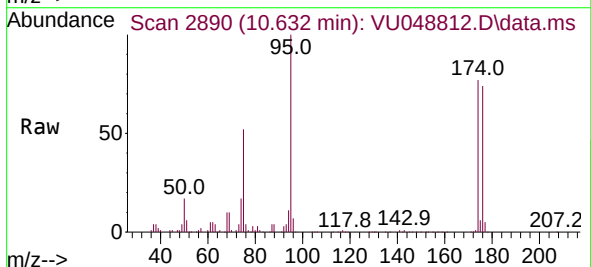
Instrument :
MSVOA_U
ClientSampleId :
20220409-FIELD-BLANK-2

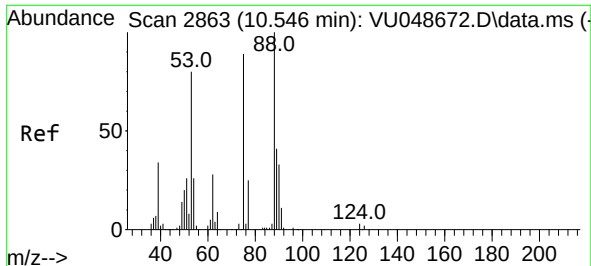
Tgt Ion: 43	Resp: 74
Ion Ratio	Lower Upper
43 100	
70 0.0	35.8 53.6#
55 28.4	21.1 31.7
61 0.0	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 15.773 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion: 75	Resp: 122932
Ion Ratio	Lower Upper
75 100	
77 1.2	14.8 44.3#

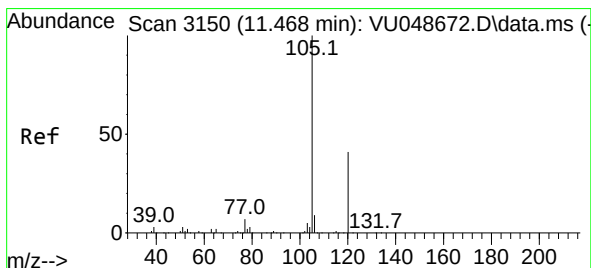
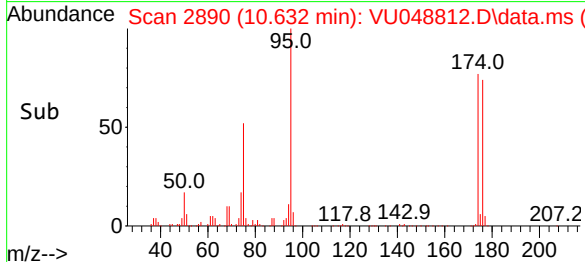
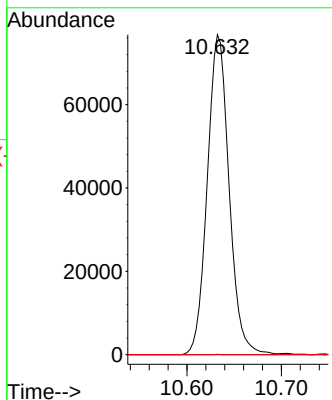
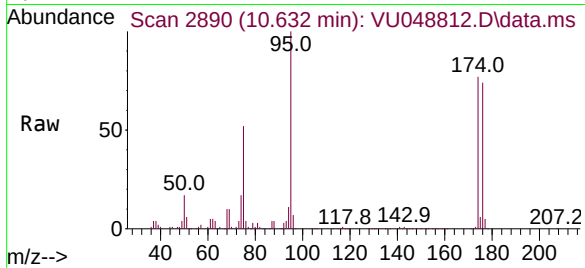




#81
trans-1,4-Dichloro-2-butene
Concen: 57.270 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

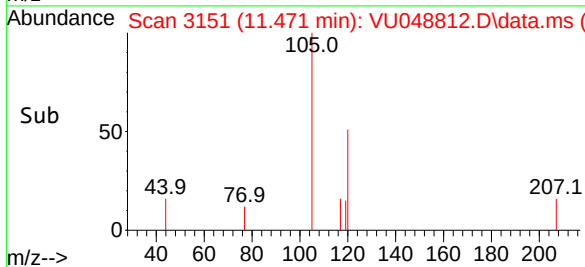
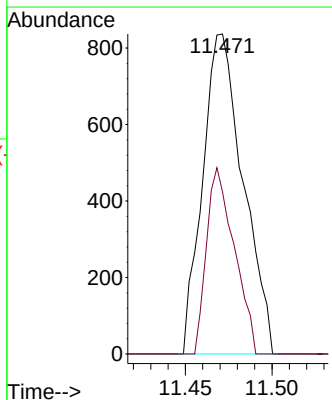
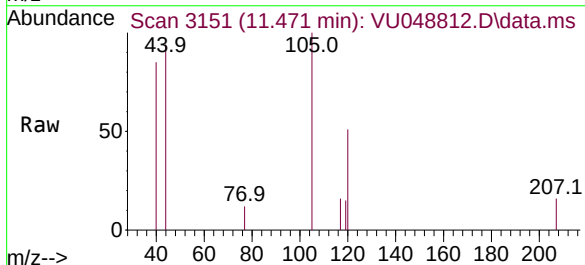
Instrument :
MSVOA_U
ClientSampleId :
20220409-FIELD-BLANK-2

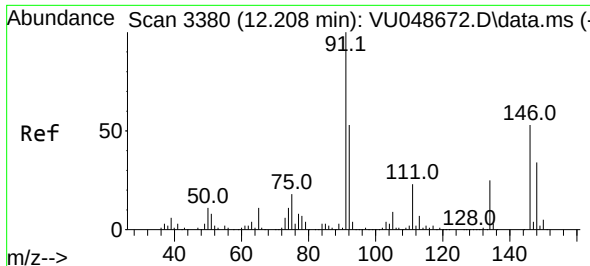
Tgt Ion: 75 Resp: 122932
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.278 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion: 105 Resp: 1359
Ion Ratio Lower Upper
105 100
120 39.9 22.5 67.5

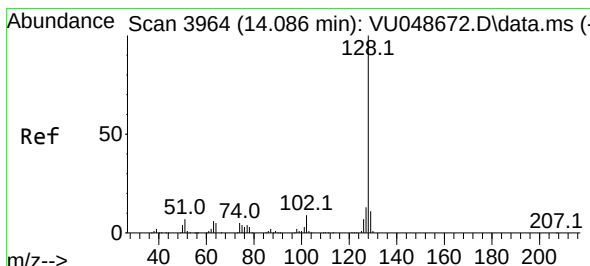
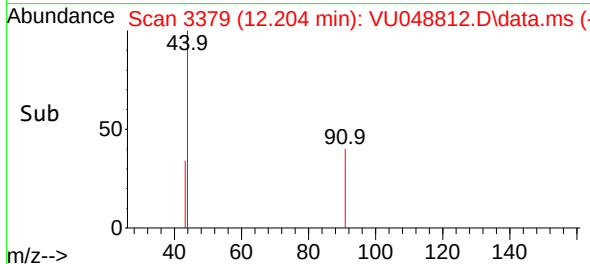
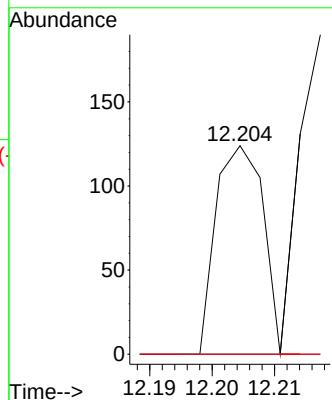
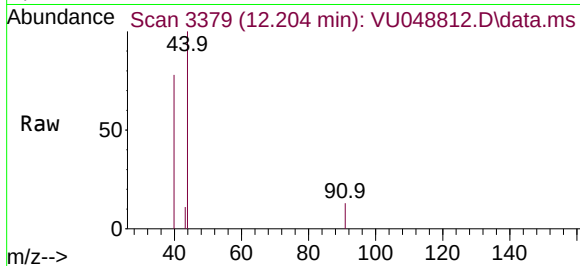




#89
n-Butylbenzene
Concen: 2.190 ug/l
RT: 12.204 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Instrument :
MSVOA_U
ClientSampleId :
20220409-FIELD-BLANK-2

Tgt Ion: 91 Resp: 65
Ion Ratio Lower Upper
91 100
92 0.0 25.9 77.8#
134 0.0 12.5 37.5#



#95
Naphthalene
Concen: 3.555 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU048812.D
Acq: 02 Jun 2022 18:33

Tgt Ion: 128 Resp: 20485
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.9 8.7 13.1

