

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048818.D
 Acq On : 02 Jun 2022 20:55
 Operator : SY/MD
 Sample : N3112-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SPRING-20220527

Quant Time: Jun 03 01:20:21 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)

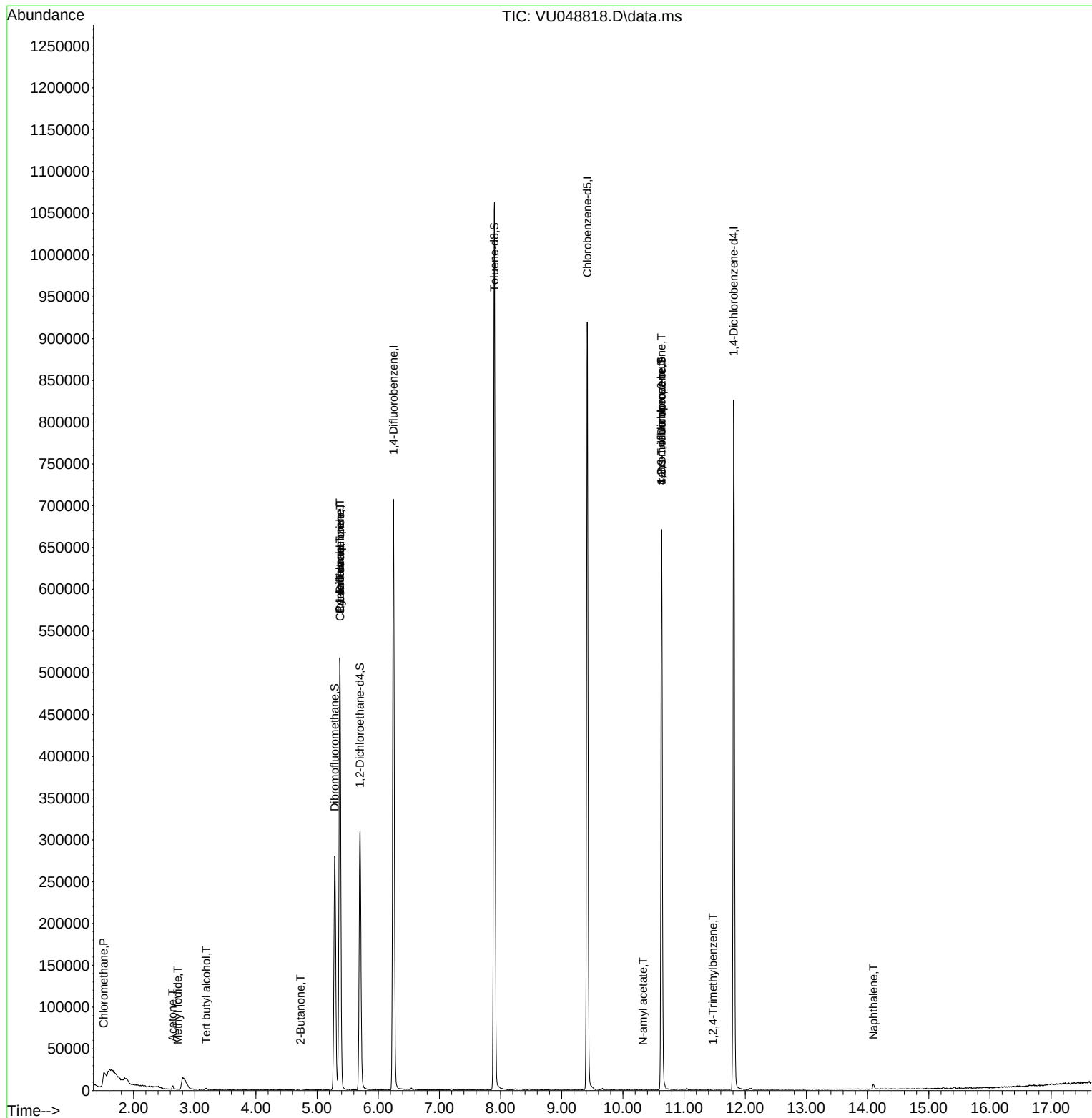
Internal Standards						
1) Pentafluorobenzene	5.372	168	352395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	573294	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	505306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	221465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	240606	45.463	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.920%
35) Dibromofluoromethane	5.288	113	182974	44.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.480%
50) Toluene-d8	7.899	98	700736	47.795	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.600%
62) 4-Bromofluorobenzene	10.632	95	232748	41.976	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.960%
Target Compounds						
					Qvalue	
3) Chloromethane	1.514	50	1780	0.343	ug/l #	73
5) Bromomethane	1.855	94	330	Below Cal	#	31
6) Chloroethane	1.974	64	426	Below Cal	#	45
10) Methyl Iodide	2.723	142	45	3.012	ug/l #	37
11) Tert butyl alcohol	3.189	59	1075	0.801	ug/l #	28
13) Acrolein	2.485	56	100	Below Cal	#	14
16) Acetone	2.639	43	4521	1.676	ug/l	98
25) 2-Butanone	4.732	43	1888	0.487	ug/l #	84
31) Cyclohexane	5.372	56	6945	1.041	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	28625	4.795	ug/l #	49
38) Carbon Tetrachloride	5.375	117	36047	5.264	ug/l #	17
74) N-amyl acetate	10.330	43	20	2.470	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	117553	16.463	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	117553	59.774	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.475	105	488	1.222	ug/l #	44
95) Naphthalene	14.095	128	6886	2.908	ug/l	98

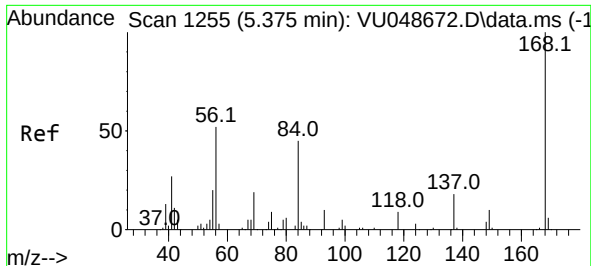
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
Data File : VU048818.D
Acq On : 02 Jun 2022 20:55
Operator : SY/MD
Sample : N3112-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

Quant Time: Jun 03 01:20:21 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

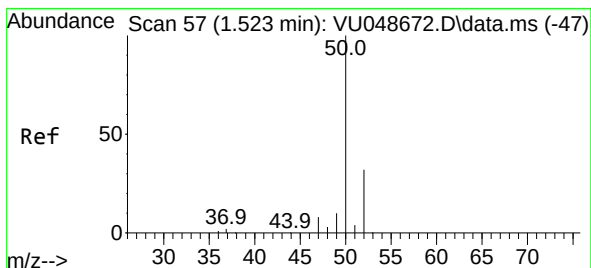
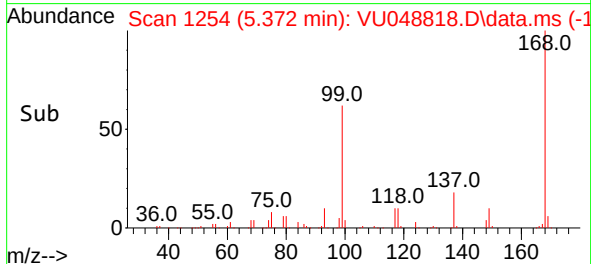
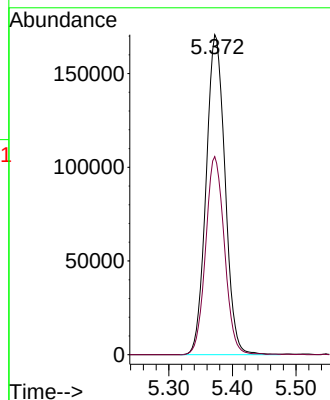
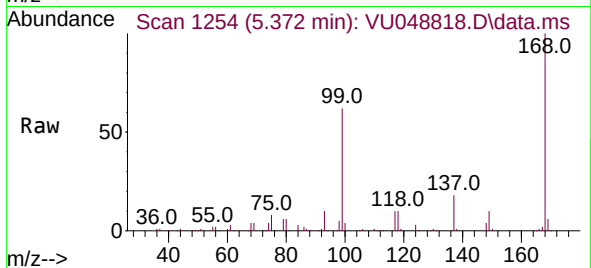




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

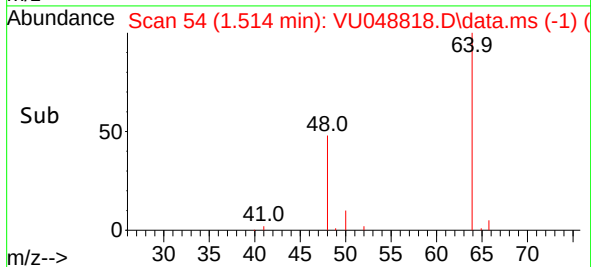
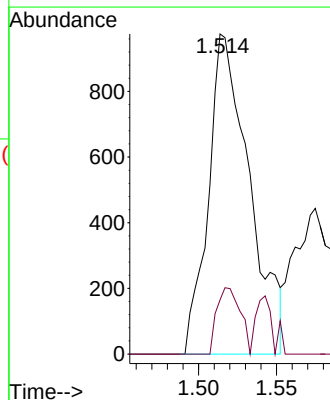
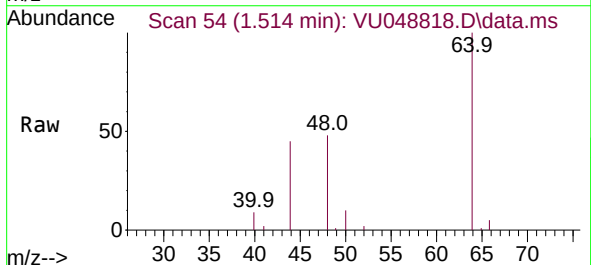
Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

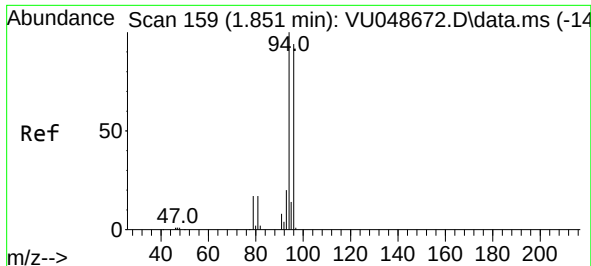
Tgt Ion:168 Resp: 352395
Ion Ratio Lower Upper
168 100
99 61.9 49.3 73.9



#3
Chloromethane
Concen: 0.343 ug/l
RT: 1.514 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Tgt Ion: 50 Resp: 1780
Ion Ratio Lower Upper
50 100
52 16.9 25.7 38.5#

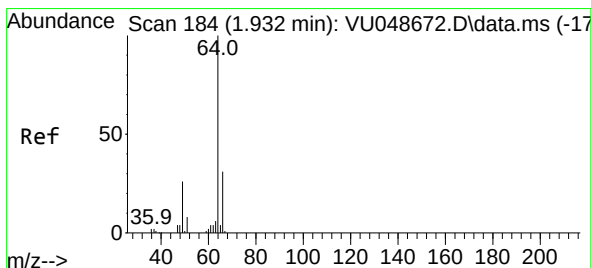
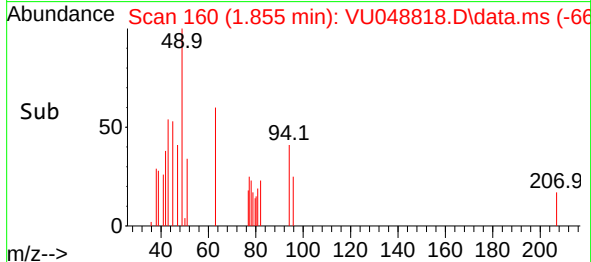
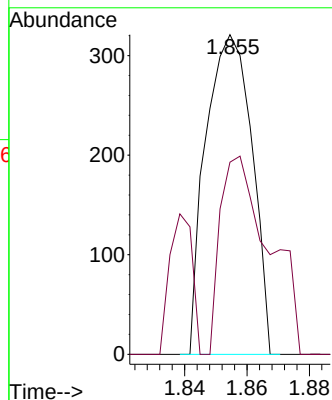
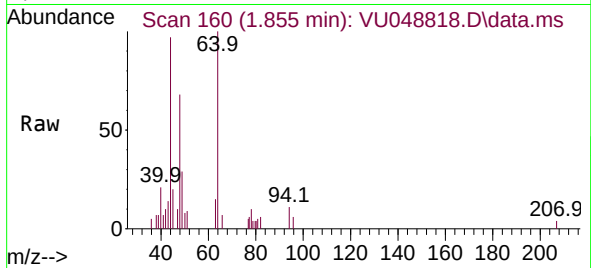




#5
Bromomethane
Concen: Below Cal
RT: 1.855 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

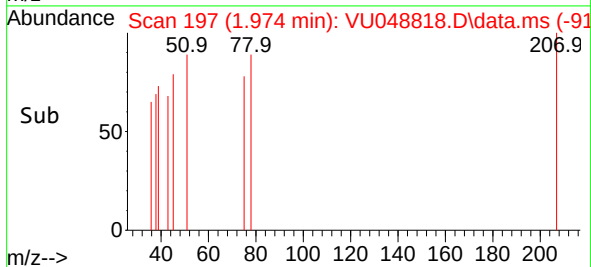
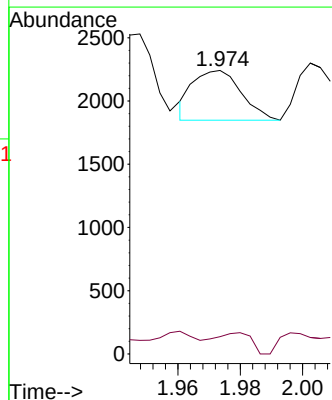
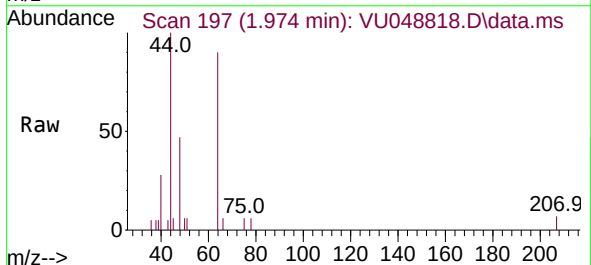
Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

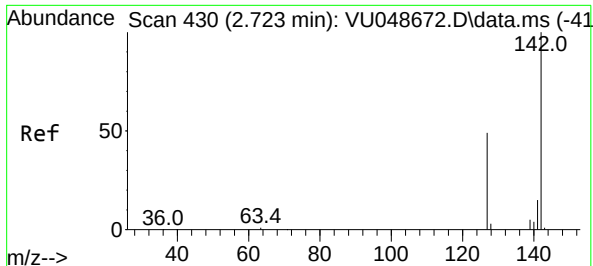
Tgt Ion: 94 Resp: 330
Ion Ratio Lower Upper
94 100
96 27.4 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.974 min Scan# 197
Delta R.T. 0.042 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

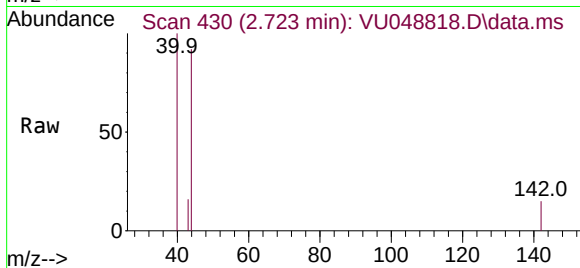
Tgt Ion: 64 Resp: 426
Ion Ratio Lower Upper
64 100
66 1.3 25.2 37.8#



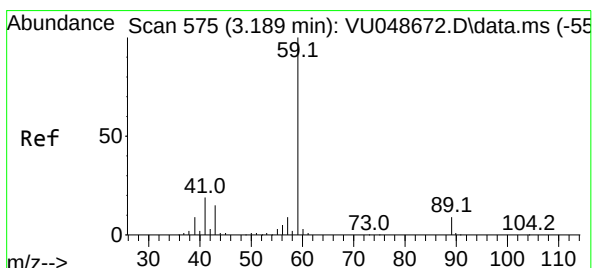
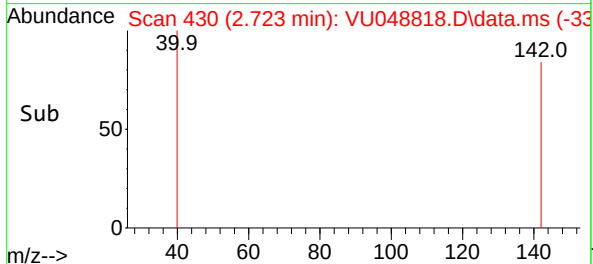
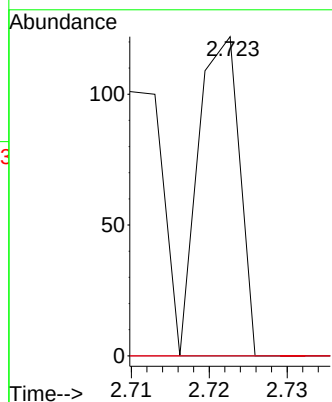


#10
Methyl Iodide
Concen: 3.012 ug/l
RT: 2.723 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

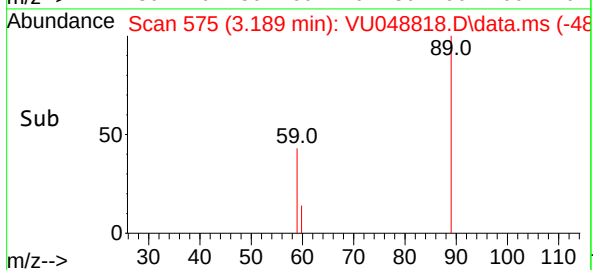
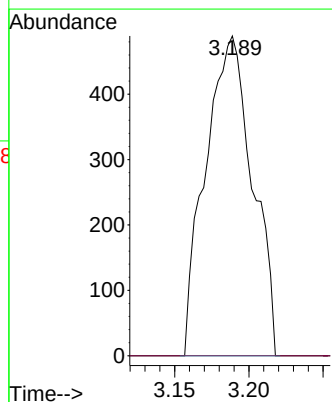
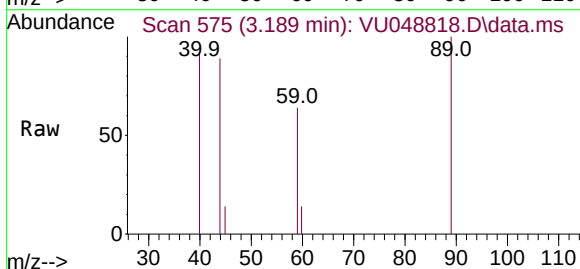


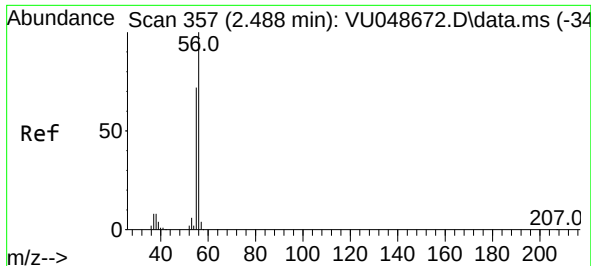
Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.801 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.000 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Tgt Ion: 59 Resp: 1075
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

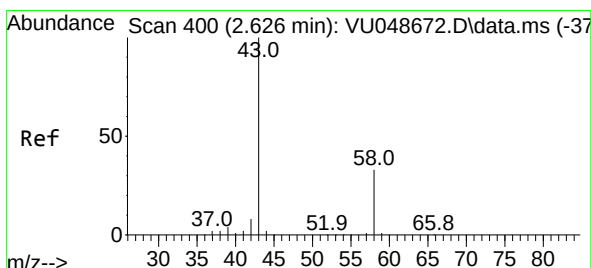
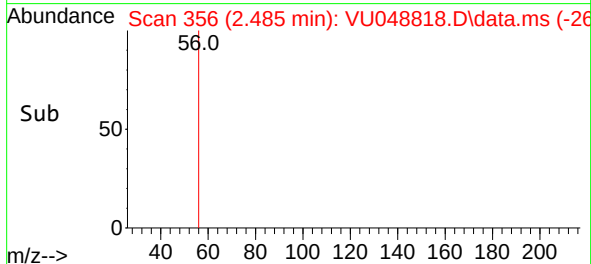
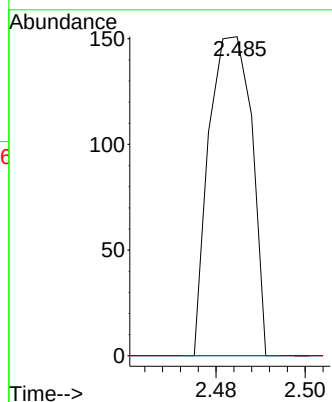
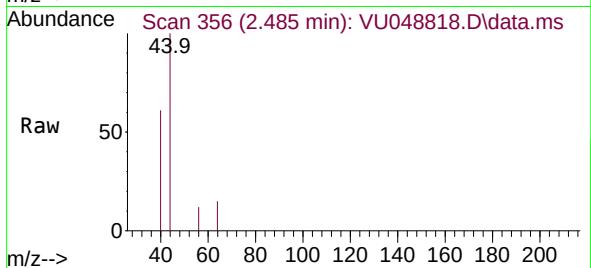




#13
Acrolein
Concen: Below Cal
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

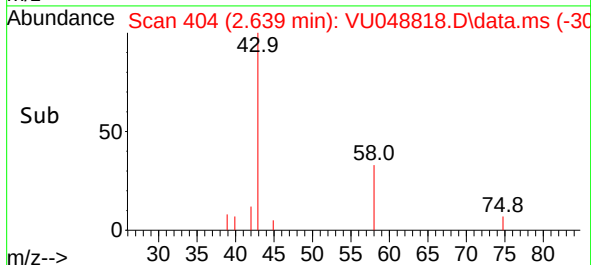
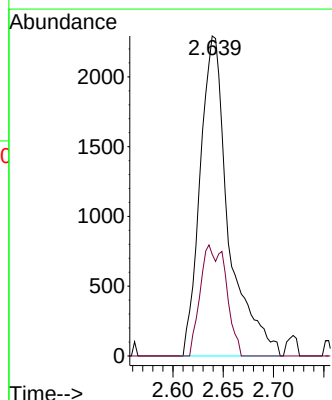
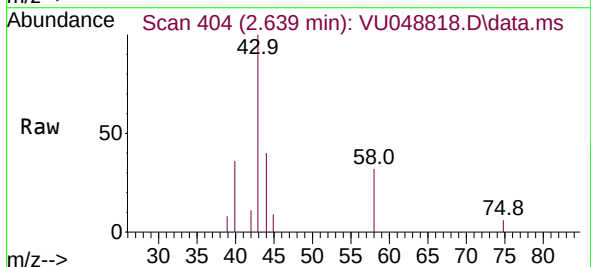
Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

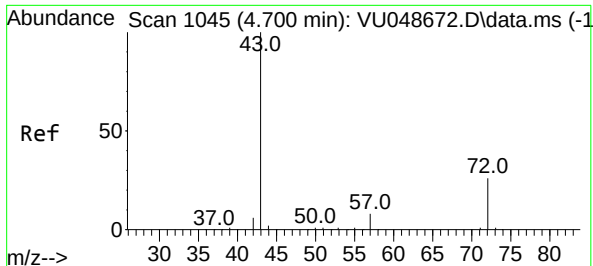
Tgt Ion: 56 Resp: 100
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#



#16
Acetone
Concen: 1.676 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.013 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
58 31.7 26.3 39.5





#25

2-Butanone

Concen: 0.487 ug/l

RT: 4.732 min Scan# 1055

Delta R.T. 0.032 min

Lab File: VU048818.D

Acq: 02 Jun 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

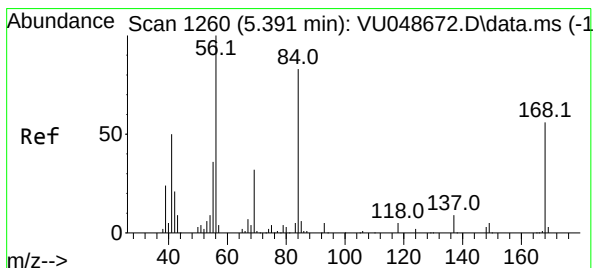
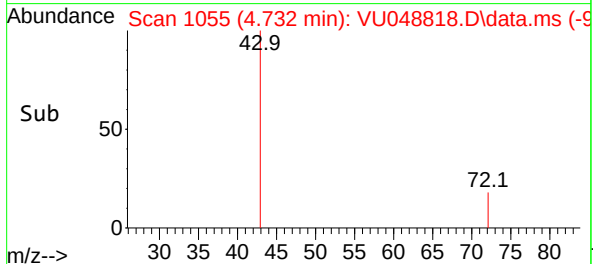
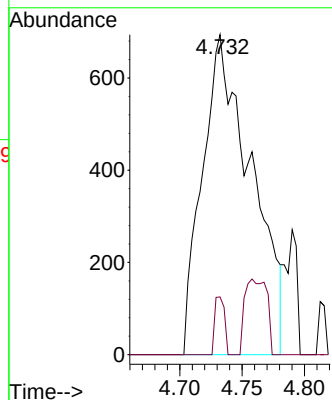
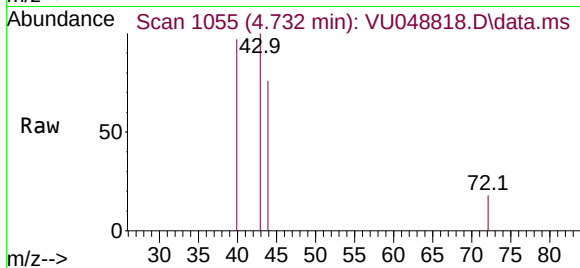
SPRING-20220527

Tgt Ion: 43 Resp: 1888

Ion Ratio Lower Upper

43 100

72 18.0 21.1 31.7#



#31

Cyclohexane

Concen: 1.041 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048818.D

Acq: 02 Jun 2022 20:55

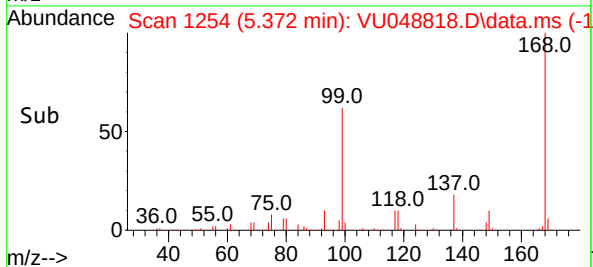
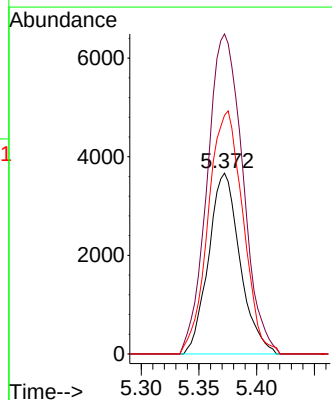
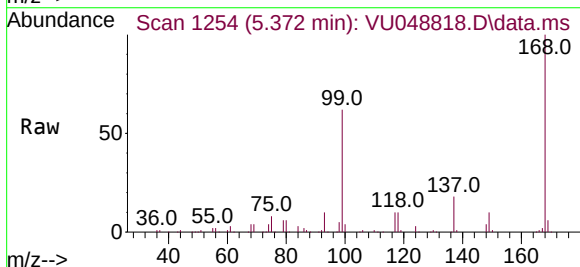
Tgt Ion: 56 Resp: 6945

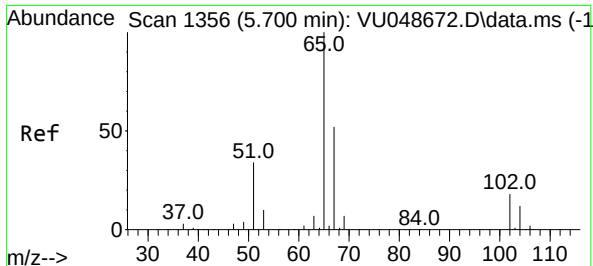
Ion Ratio Lower Upper

56 100

69 176.9 25.6 38.4#

84 132.0 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 45.463 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048818.D

Acq: 02 Jun 2022 20:55

Instrument :

MSVOA_U

ClientSampleId :

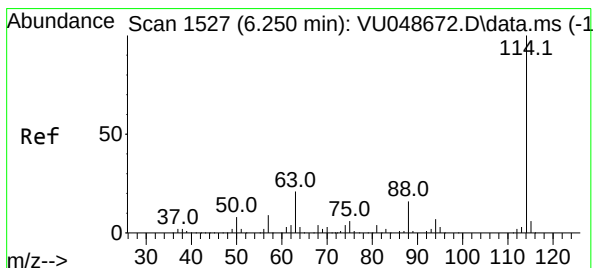
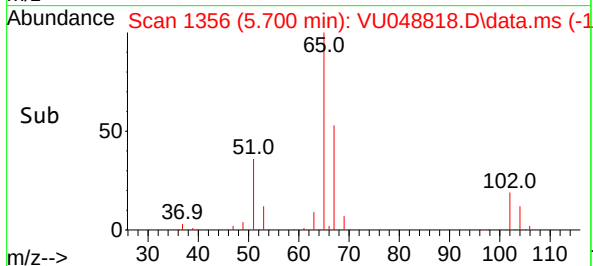
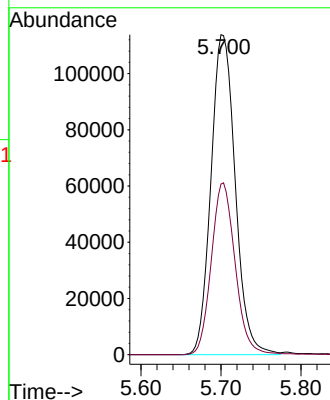
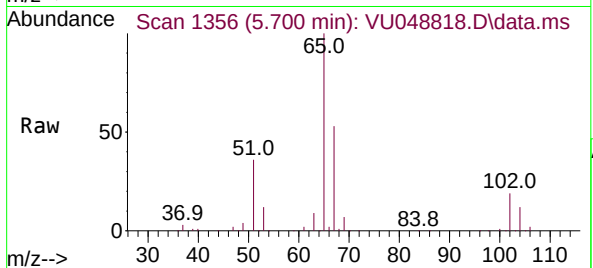
SPRING-20220527

Tgt Ion: 65 Resp: 240606

Ion Ratio Lower Upper

65 100

67 52.6 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: VU048818.D

Acq: 02 Jun 2022 20:55

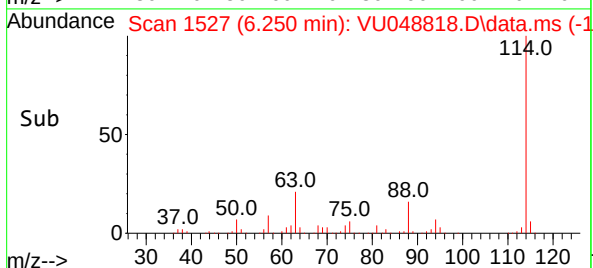
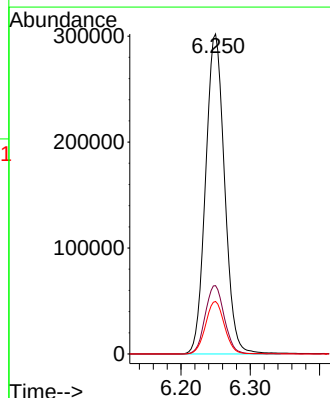
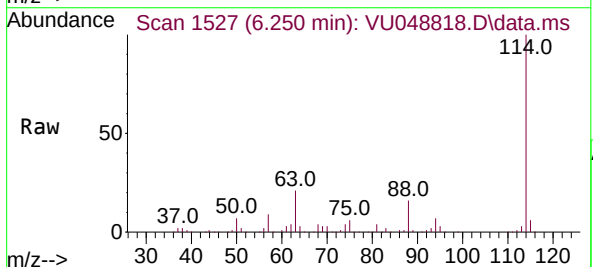
Tgt Ion: 114 Resp: 573294

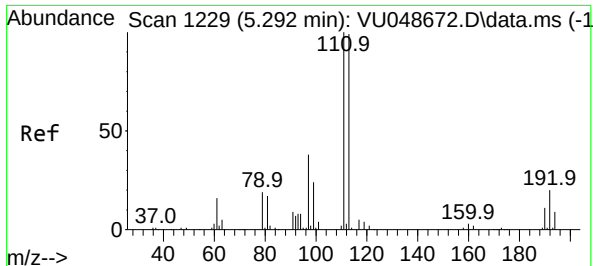
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.4 0.0 32.2

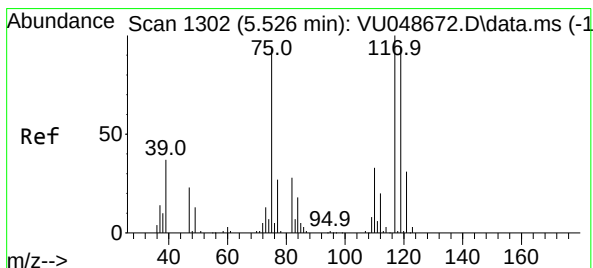
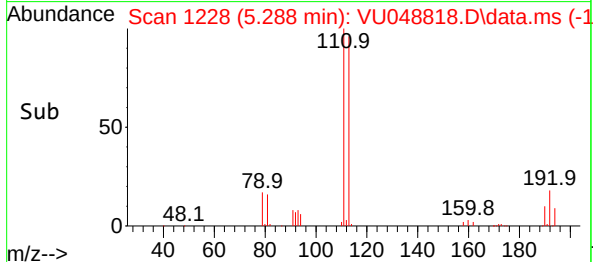
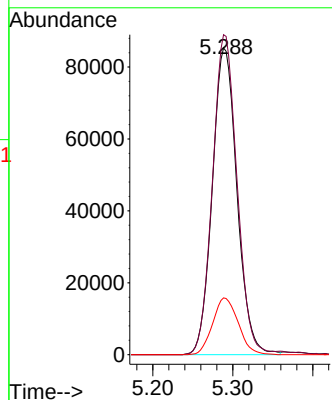
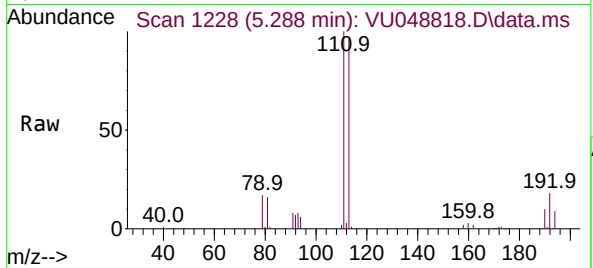




#35
Dibromofluoromethane
Concen: 44.737 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

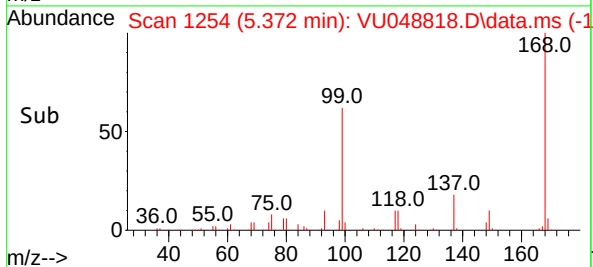
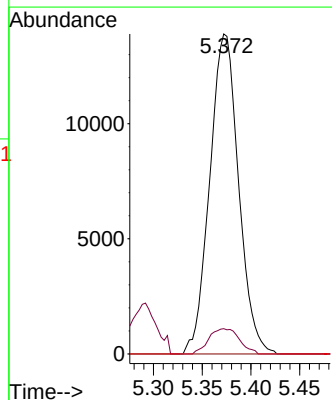
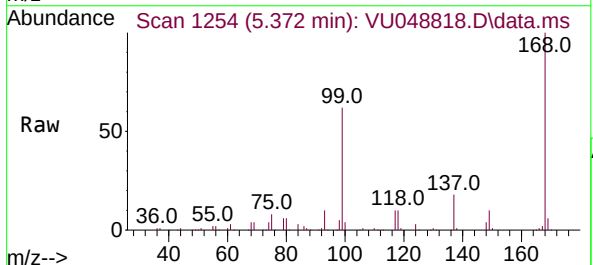
Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

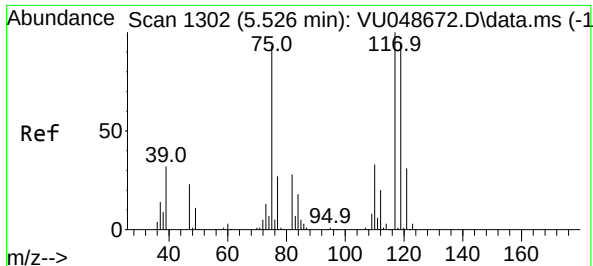
Tgt Ion:113 Resp: 182974
Ion Ratio Lower Upper
113 100
111 103.4 80.7 121.1
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

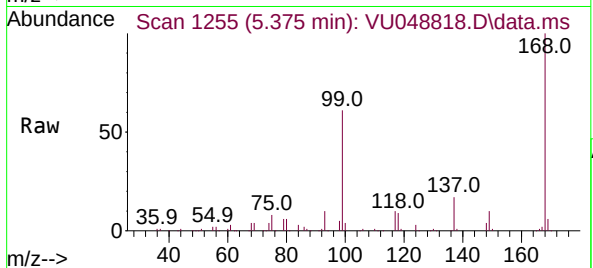
Tgt Ion: 75 Resp: 28625
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.3#
77 0.0 24.8 37.2#



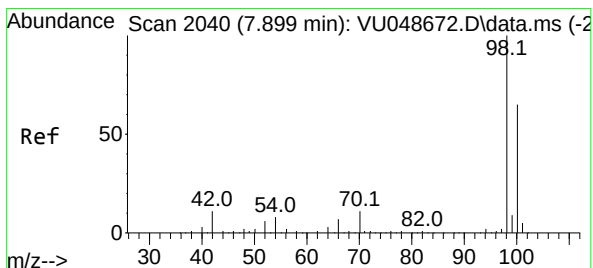
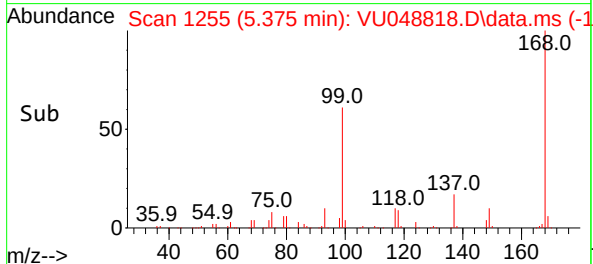
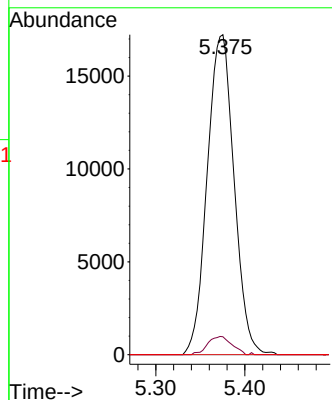


#38
Carbon Tetrachloride
Concen: 5.264 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

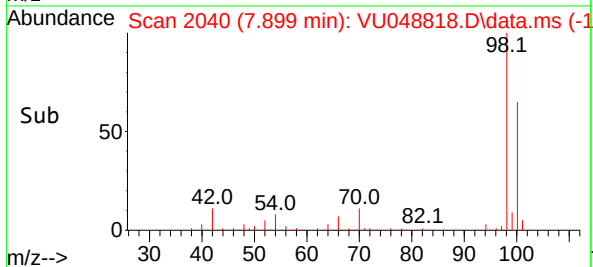
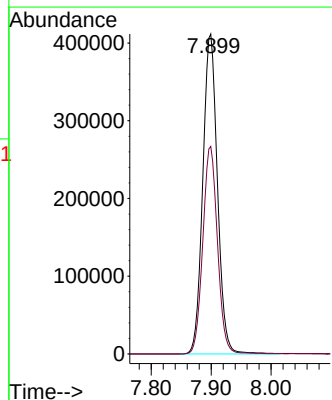
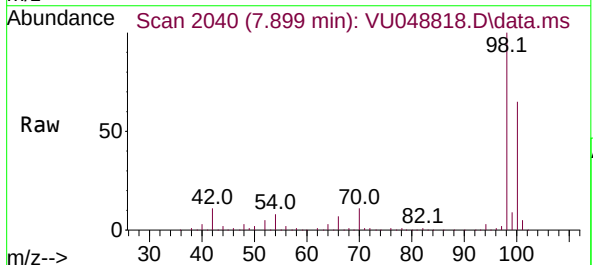


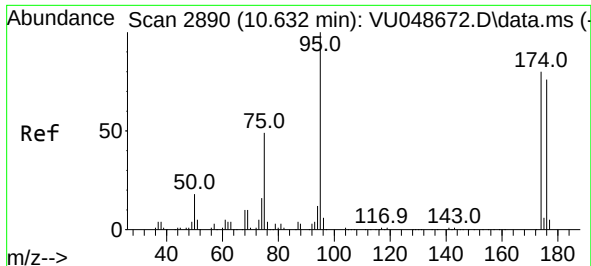
Tgt Ion:117 Resp: 36047
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.795 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Tgt Ion: 98 Resp: 700736
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

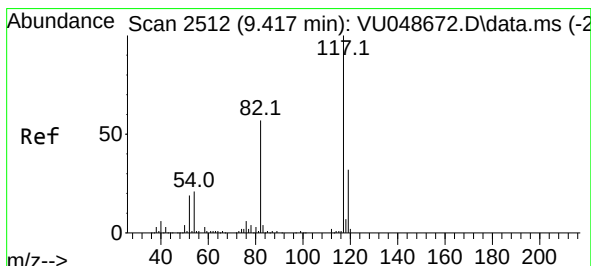
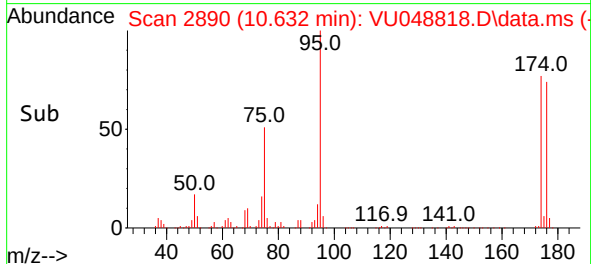
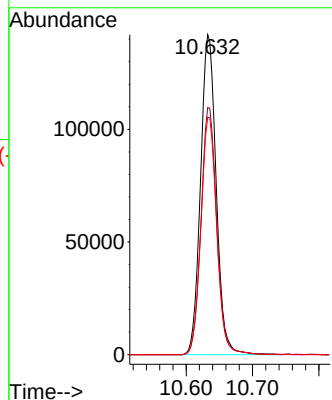
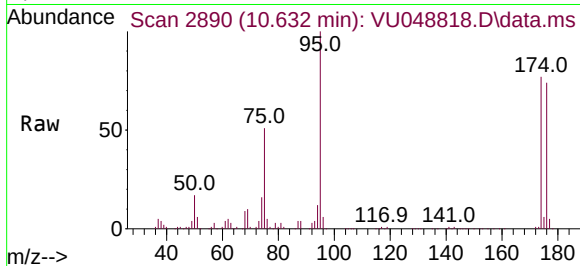




#62
4-Bromofluorobenzene
Concen: 41.976 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

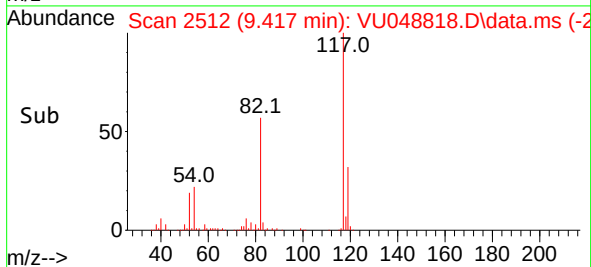
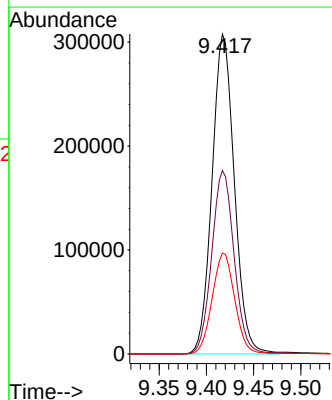
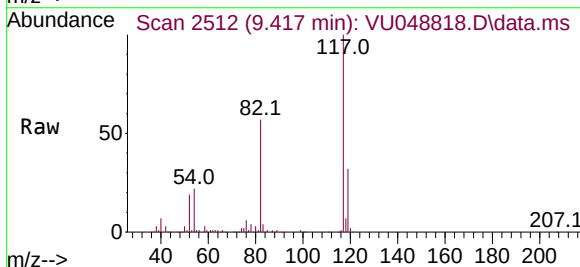
Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

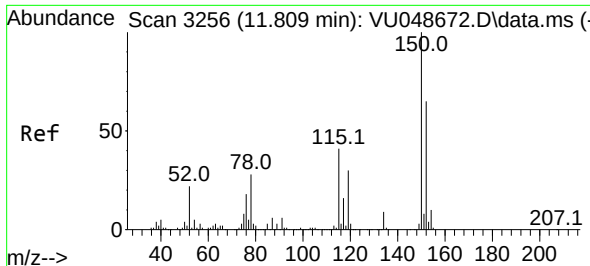
Tgt Ion: 95 Resp: 232748
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.4
176 75.0 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Tgt Ion: 117 Resp: 505306
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 31.5 25.4 38.2

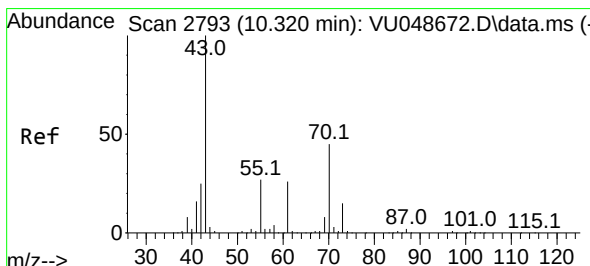
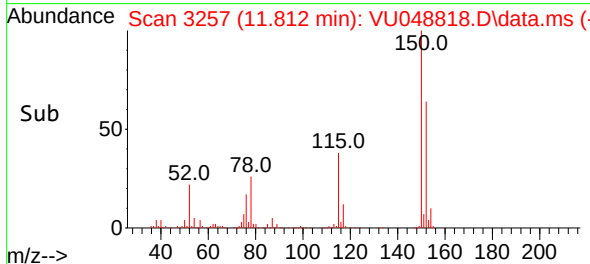
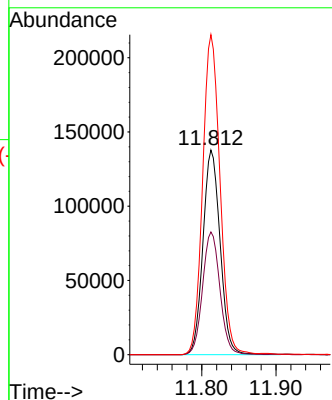
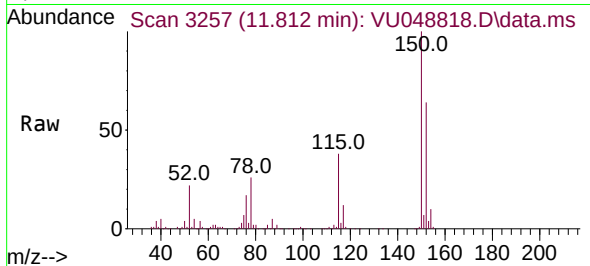




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

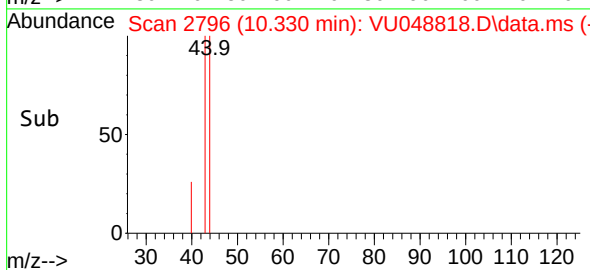
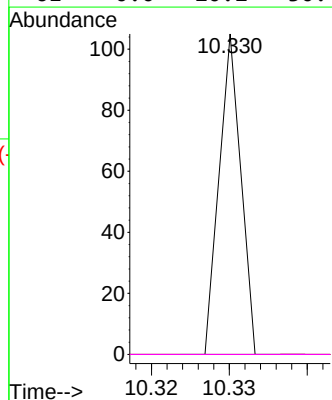
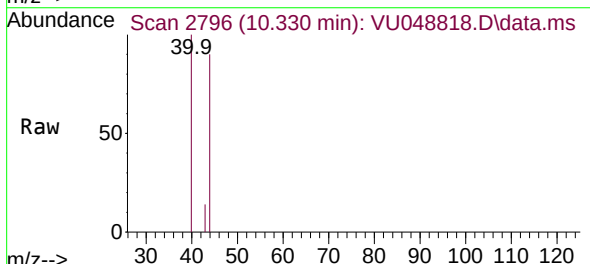
Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

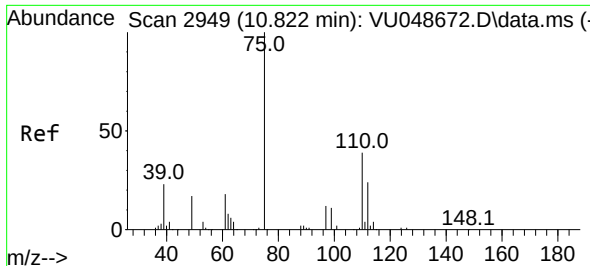
Tgt Ion:152 Resp: 221465
Ion Ratio Lower Upper
152 100
115 60.5 41.8 125.4
150 157.5 0.0 341.0



#74
N-ethyl acetate
Concen: 2.470 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. 0.010 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Tgt Ion: 43 Resp: 20
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#

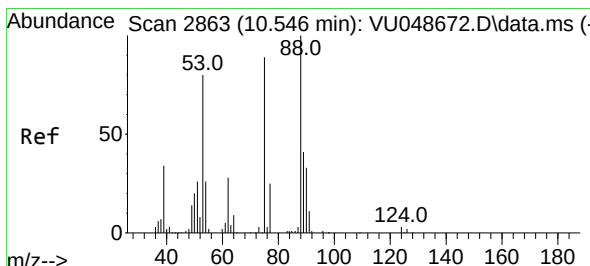
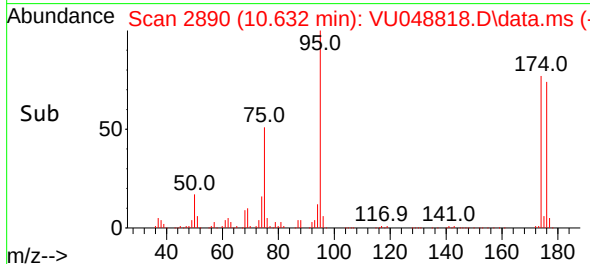
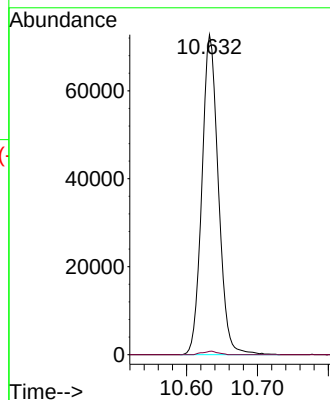
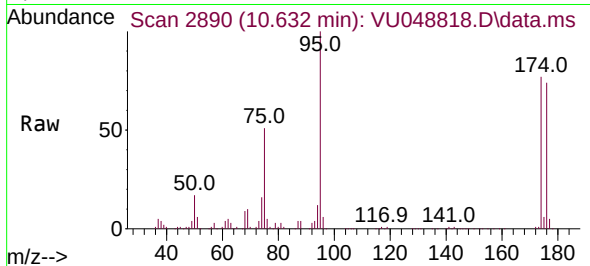




#76
1,2,3-Trichloropropane
Concen: 16.463 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

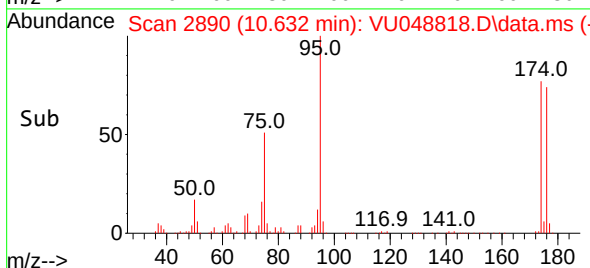
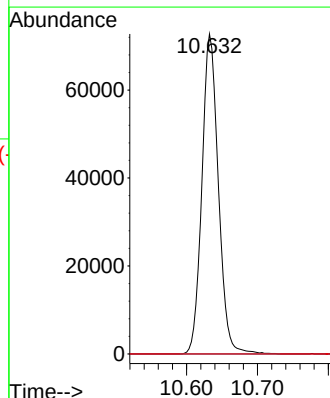
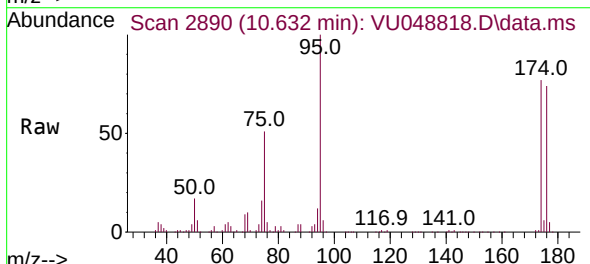
Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

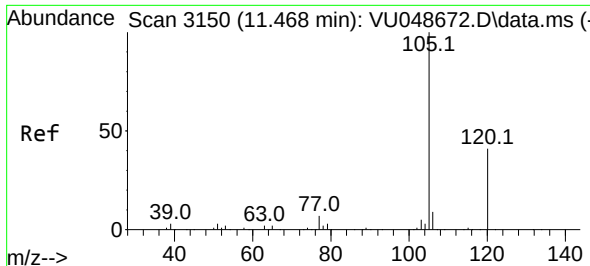
Tgt Ion: 75 Resp: 117553
Ion Ratio Lower Upper
75 100
77 1.0 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.774 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Tgt Ion: 75 Resp: 117553
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

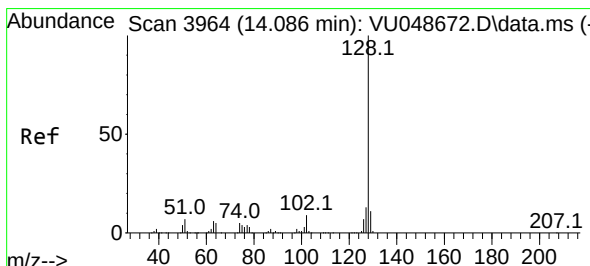
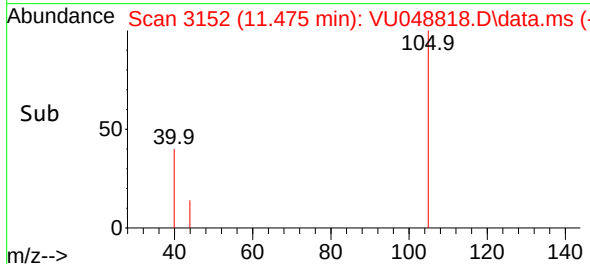
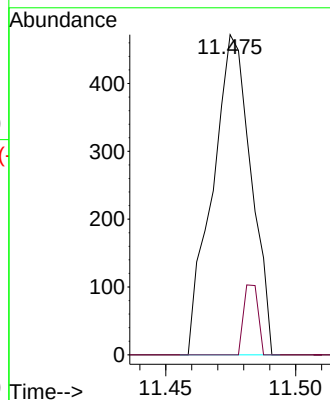
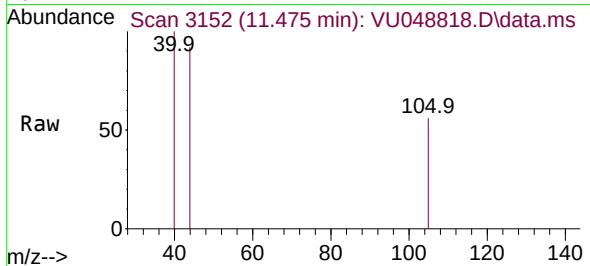




#84
1,2,4-Trimethylbenzene
Concen: 1.222 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.007 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Instrument :
MSVOA_U
ClientSampleId :
SPRING-20220527

Tgt Ion:105 Resp: 488
Ion Ratio Lower Upper
105 100
120 8.2 22.5 67.5#



#95
Naphthalene
Concen: 2.908 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU048818.D
Acq: 02 Jun 2022 20:55

Tgt Ion:128 Resp: 6886
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 9.5 8.7 13.1

