

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048902.D
 Acq On : 07 Jun 2022 11:25
 Operator : SY/MD
 Sample : VU0607WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0607WBL01

Quant Time: Jun 08 04:49:40 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)

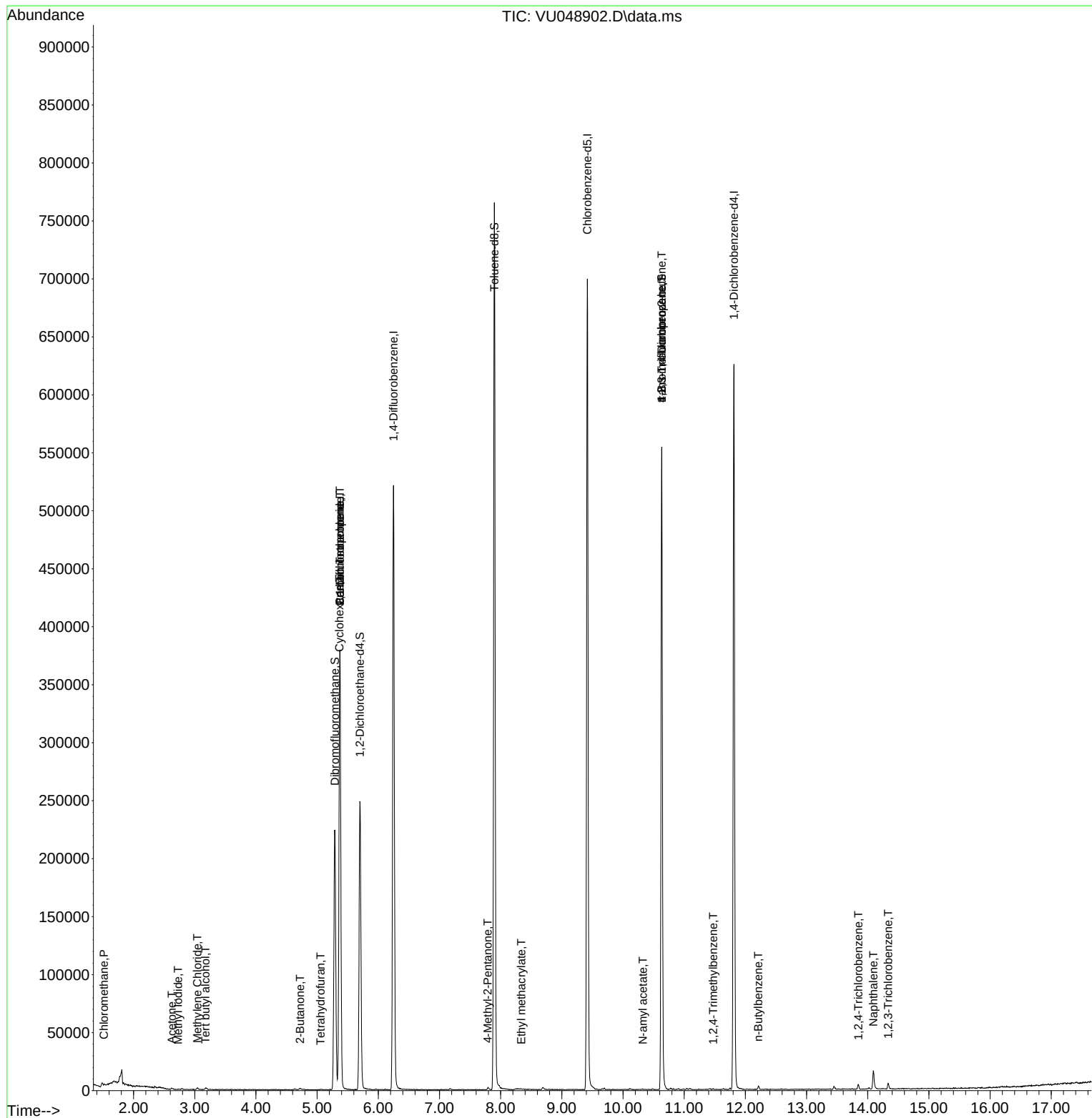
Internal Standards						
1) Pentafluorobenzene	5.372	168	252301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	421329	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	382524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	169934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	193968	51.191	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.380%			
35) Dibromofluoromethane	5.289	113	144641	48.120	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.240%			
50) Toluene-d8	7.896	98	503688	46.746	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.500%			
62) 4-Bromofluorobenzene	10.632	95	182416	44.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.520%			
Target Compounds						Qvalue
3) Chloromethane	1.517	50	798	0.215	ug/l	90
5) Bromomethane	1.845	94	247	Below Cal	#	55
6) Chloroethane	1.919	64	508	Below Cal	#	43
10) Methyl Iodide	2.726	142	67	3.020	ug/l #	37
11) Tert butyl alcohol	3.173	59	749	0.780	ug/l #	28
13) Acrolein	2.485	56	178	Below Cal	#	24
16) Acetone	2.623	43	1144	0.592	ug/l #	81
20) Methylene Chloride	3.041	84	905	0.276	ug/l #	66
25) 2-Butanone	4.719	43	1872	0.675	ug/l	97
29) Tetrahydrofuran	5.057	42	389	0.223	ug/l #	54
31) Cyclohexane	5.366	56	5676	1.189	ug/l #	4
36) 1,1-Dichloropropene	5.372	75	21395	4.877	ug/l #	48
38) Carbon Tetrachloride	5.372	117	26811	5.327	ug/l #	17
51) 4-Methyl-2-Pentanone	7.790	43	1539	0.294	ug/l #	86
56) Ethyl methacrylate	8.337	69	107	2.632	ug/l #	27
74) N-amyl acetate	10.324	43	561	2.563	ug/l #	46
76) 1,2,3-Trichloropropane	10.632	75	95510	17.432	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	95510	63.292	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.475	105	579	1.242	ug/l #	49
89) n-Butylbenzene	12.211	91	1516	2.333	ug/l	88
93) 1,2,4-Trichlorobenzene	13.845	180	1445	0.377	ug/l	84
95) Naphthalene	14.092	128	15310	3.619	ug/l	96
96) 1,2,3-Trichlorobenzene	14.333	180	1970	0.519	ug/l	98

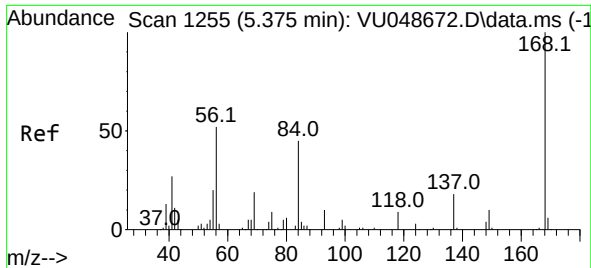
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
Data File : VU048902.D
Acq On : 07 Jun 2022 11:25
Operator : SY/MD
Sample : VU0607WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

Quant Time: Jun 08 04:49:40 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

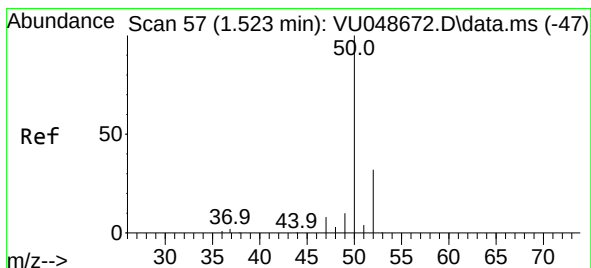
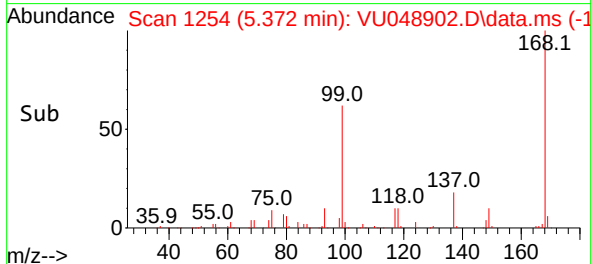
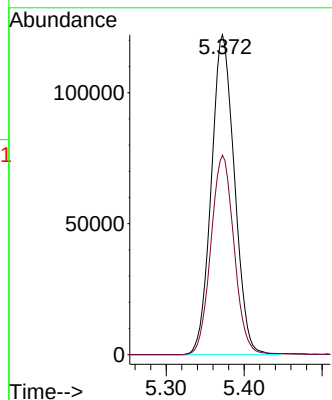
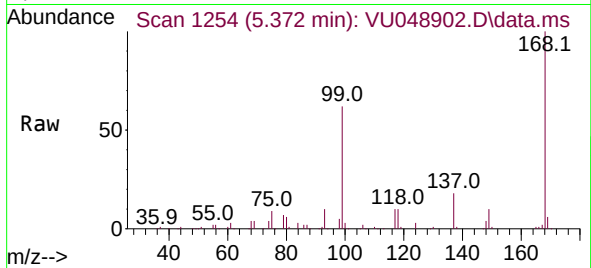




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

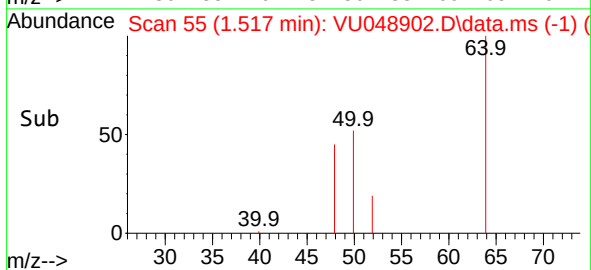
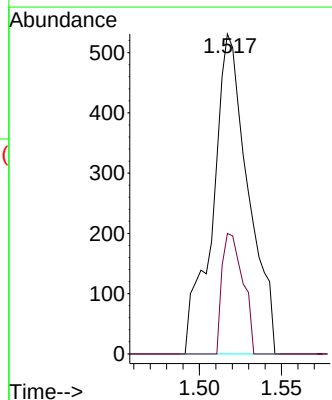
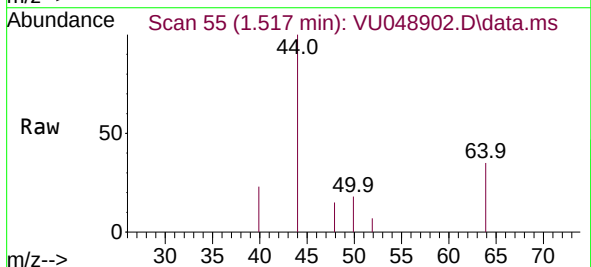
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

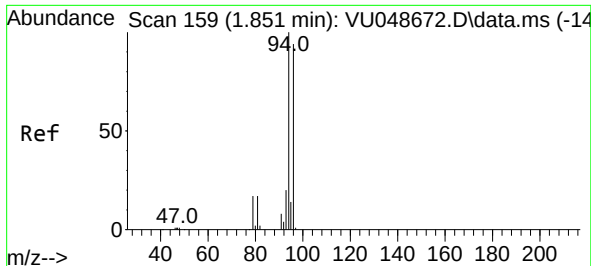
Tgt Ion:168 Resp: 252301
Ion Ratio Lower Upper
168 100
99 62.4 49.3 73.9



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 50 Resp: 798
Ion Ratio Lower Upper
50 100
52 37.7 25.7 38.5

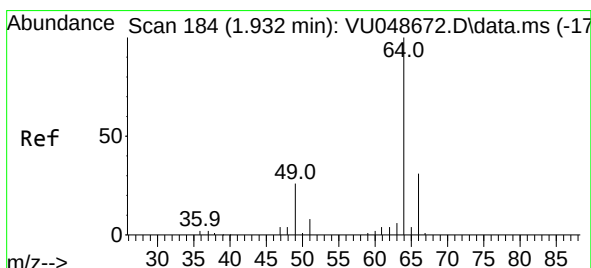
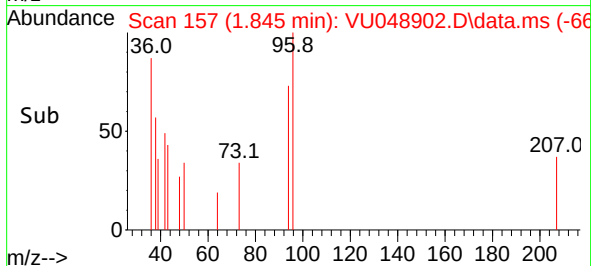
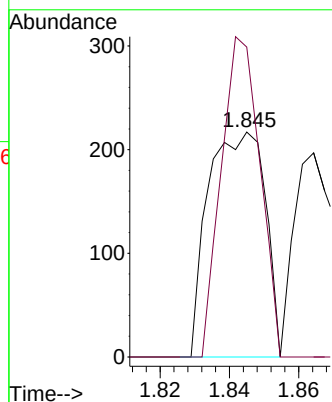
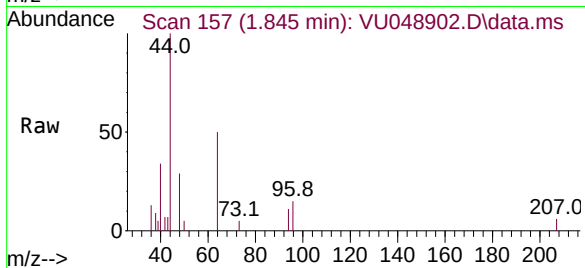




#5
Bromomethane
Concen: Below Cal
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

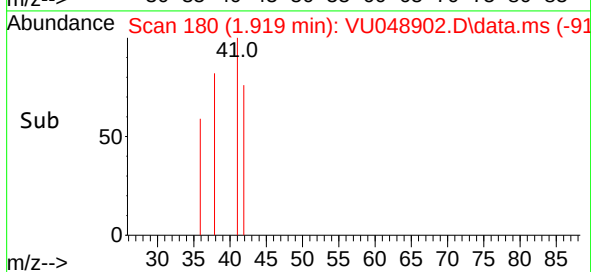
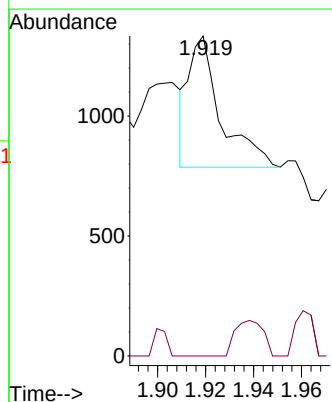
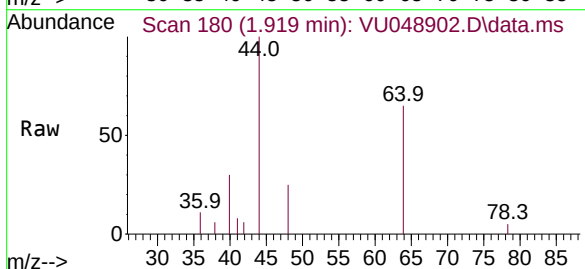
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

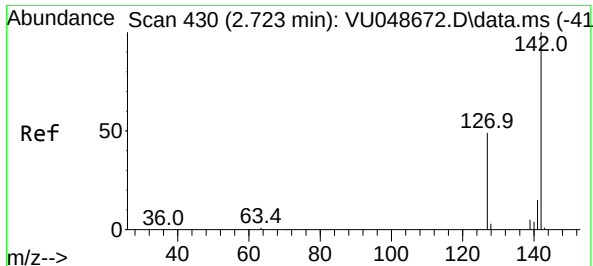
Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 137.8 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.919 min Scan# 180
Delta R.T. -0.013 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 64 Resp: 508
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

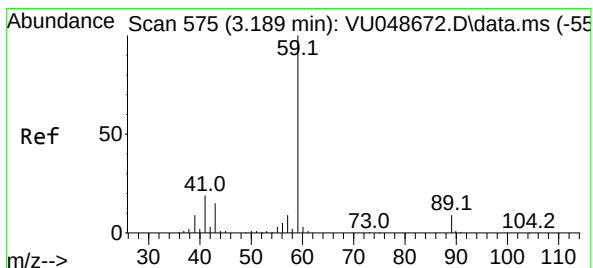
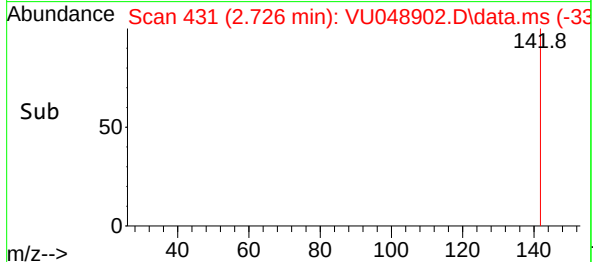
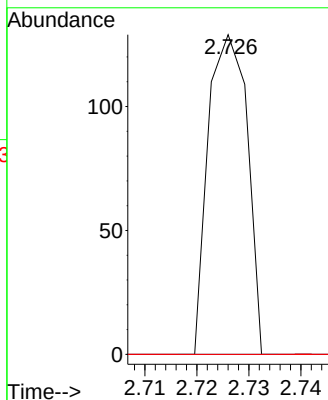
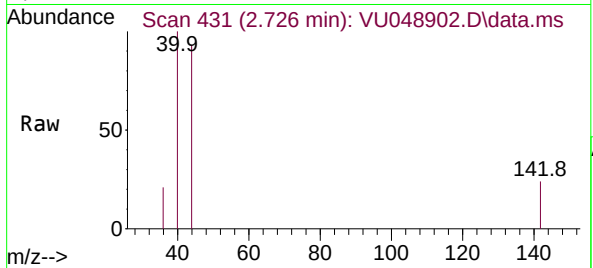




#10
Methyl Iodide
Concen: 3.020 ug/l
RT: 2.726 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

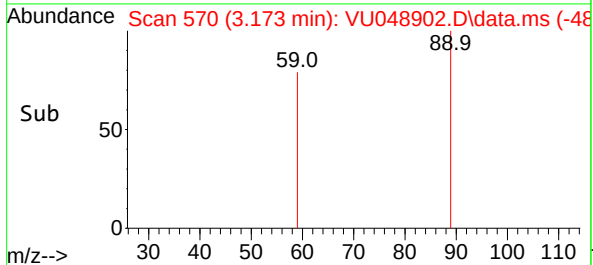
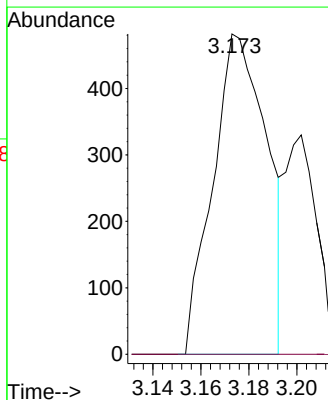
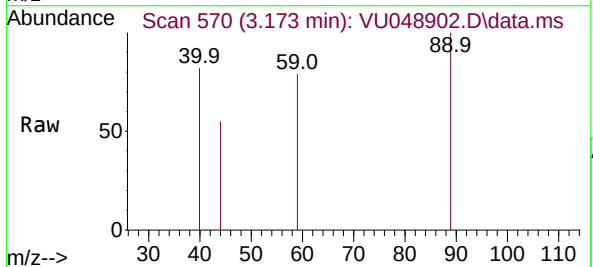
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

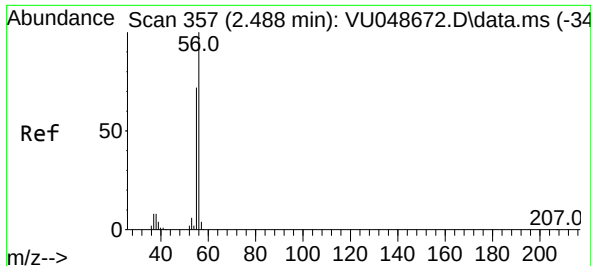
Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.780 ug/l
RT: 3.173 min Scan# 570
Delta R.T. -0.016 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 59 Resp: 749
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

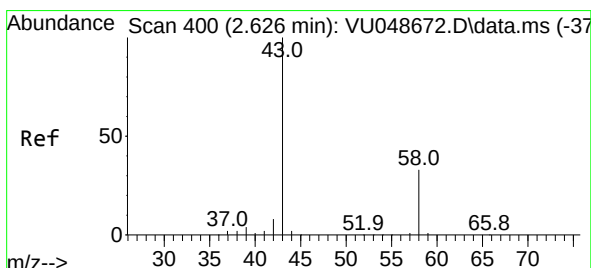
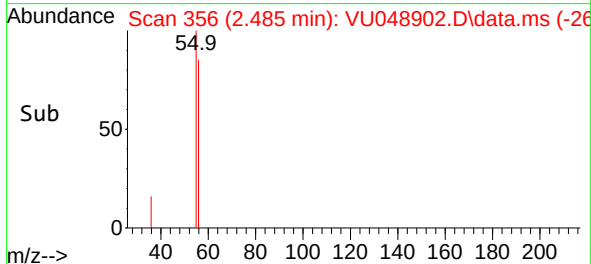
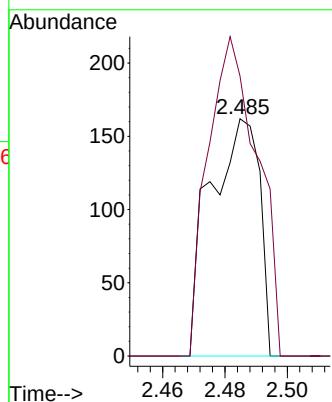
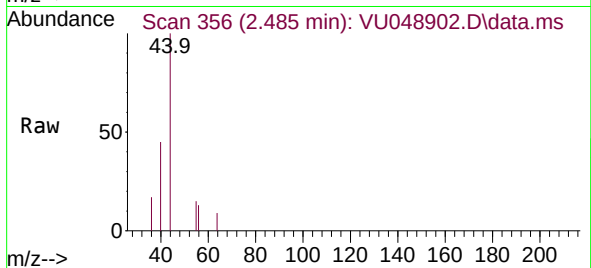




#13
Acrolein
Concen: Below Cal
RT: 2.485 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

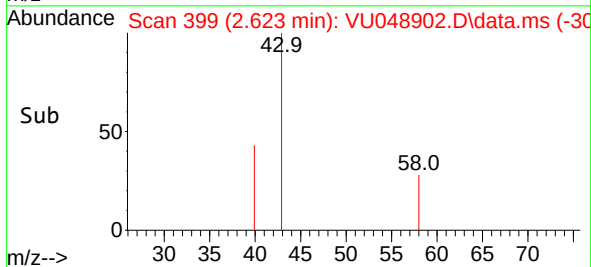
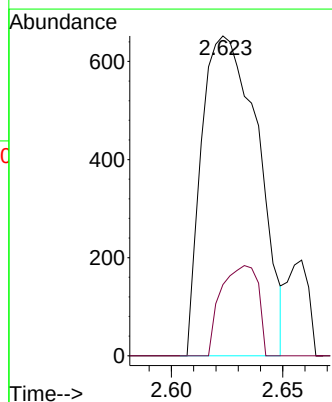
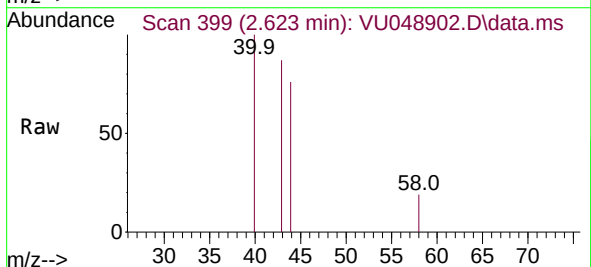
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

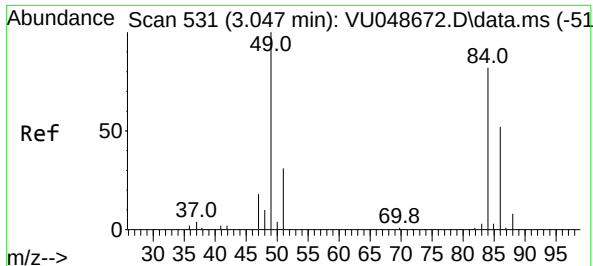
Tgt Ion: 56 Resp: 178
Ion Ratio Lower Upper
56 100
55 135.4 57.7 86.5#



#16
Acetone
Concen: 0.592 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
58 22.2 26.3 39.5#

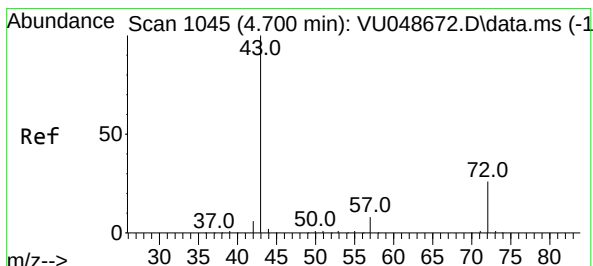
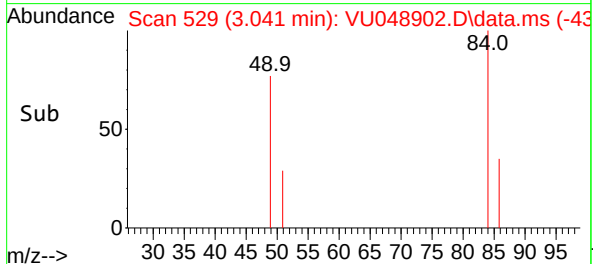
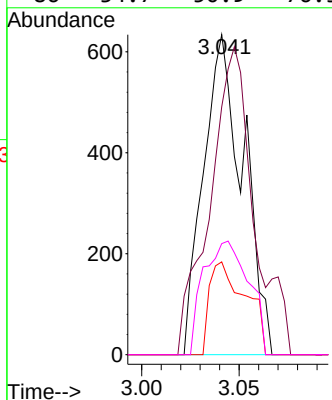
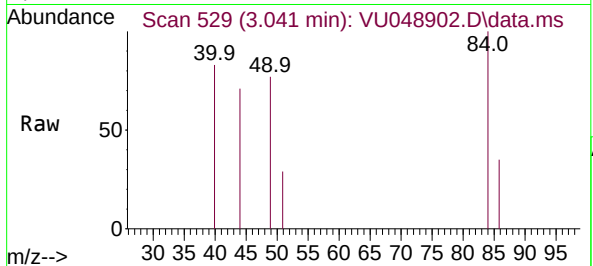




#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

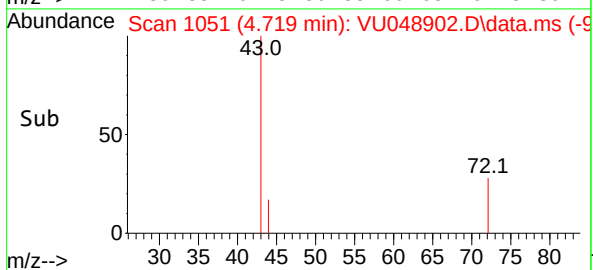
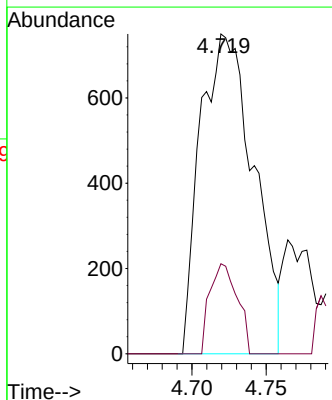
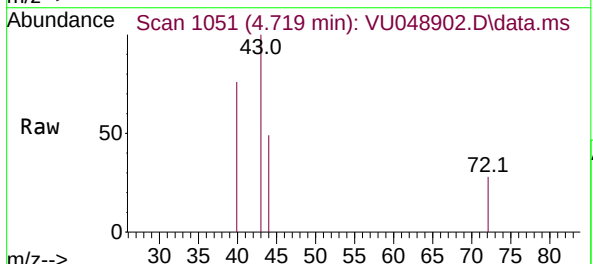
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

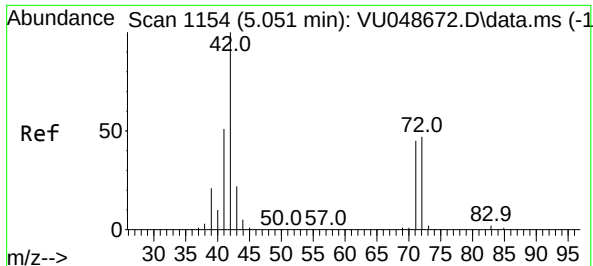
Tgt Ion: 84	Resp: 905
Ion Ratio	Lower Upper
84 100	
49 77.4	97.0 145.4#
51 29.0	29.8 44.8#
86 34.7	50.9 76.3#



#25
2-Butanone
Concen: 0.675 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.019 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 43	Resp: 1872		
Ion Ratio	Lower	Upper	
43	100		
72	28.1	21.1	31.7





#29

Tetrahydrofuran

Concen: 0.223 ug/l

RT: 5.057 min Scan# 1154

Delta R.T. 0.007 min

Lab File: VU048902.D

Acq: 07 Jun 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0607WBL01

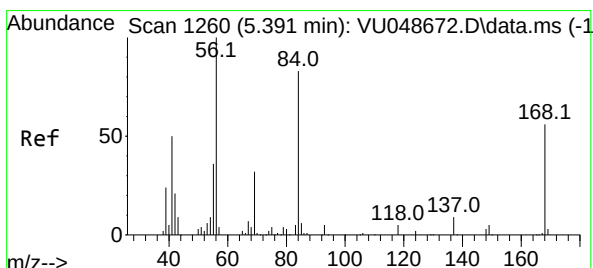
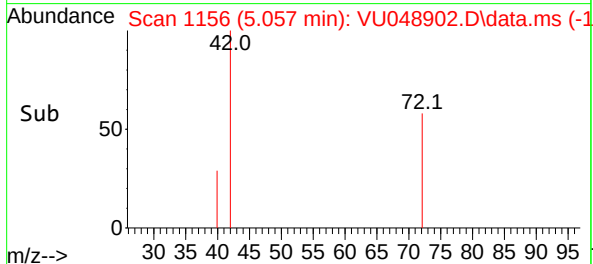
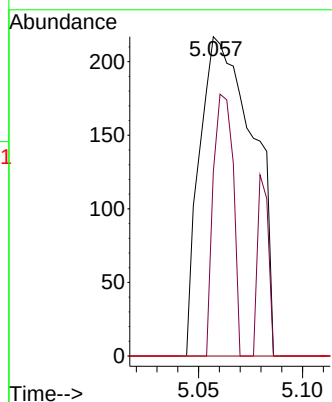
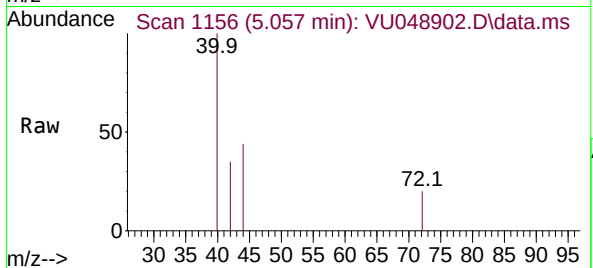
Tgt Ion: 42 Resp: 389

Ion Ratio Lower Upper

42 100

72 30.1 37.6 56.4#

71 0.0 35.0 52.4#



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 5.366 min Scan# 1252

Delta R.T. -0.026 min

Lab File: VU048902.D

Acq: 07 Jun 2022 11:25

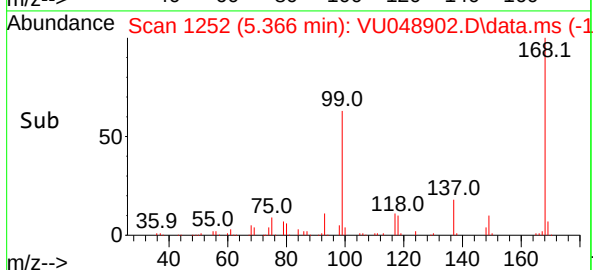
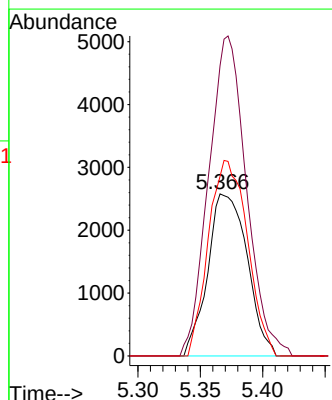
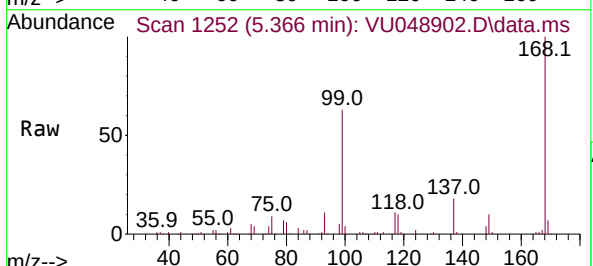
Tgt Ion: 56 Resp: 5676

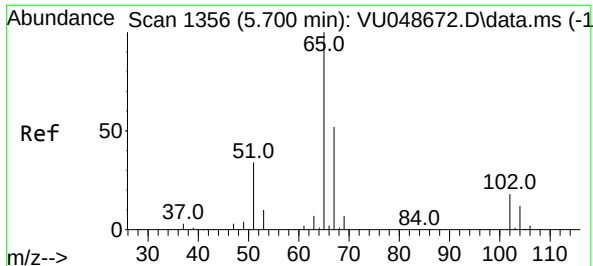
Ion Ratio Lower Upper

56 100

69 179.1 25.6 38.4#

84 110.7 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 51.191 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048902.D

Acq: 07 Jun 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

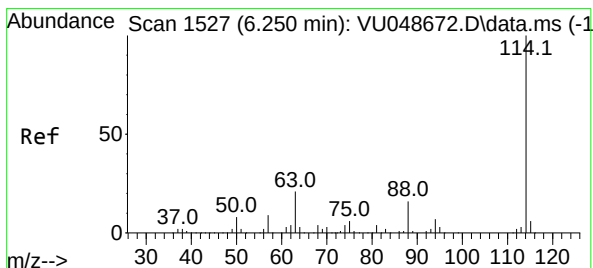
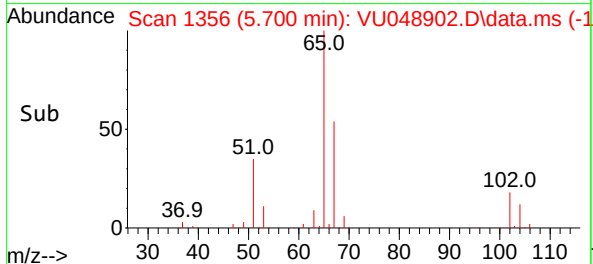
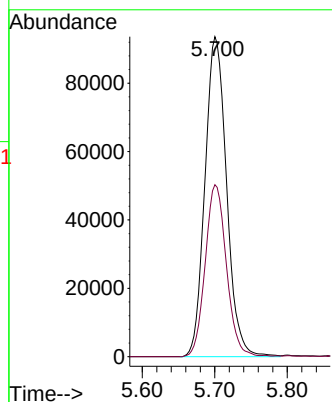
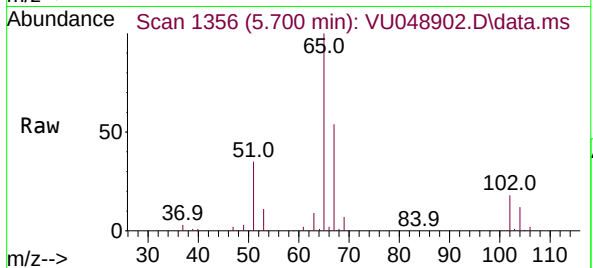
VU0607WBL01

Tgt Ion: 65 Resp: 193968

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: VU048902.D

Acq: 07 Jun 2022 11:25

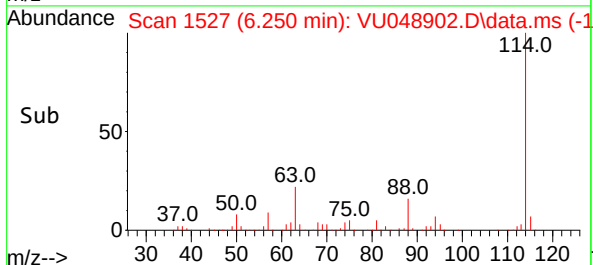
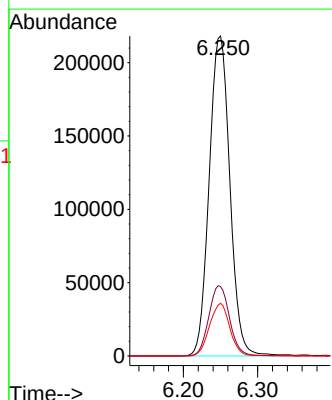
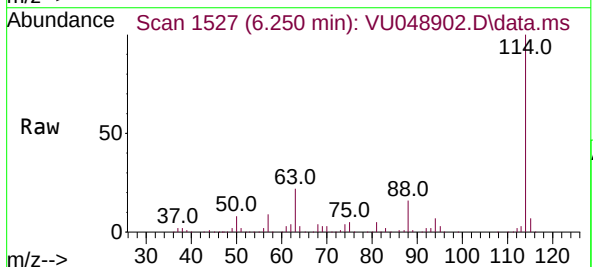
Tgt Ion: 114 Resp: 421329

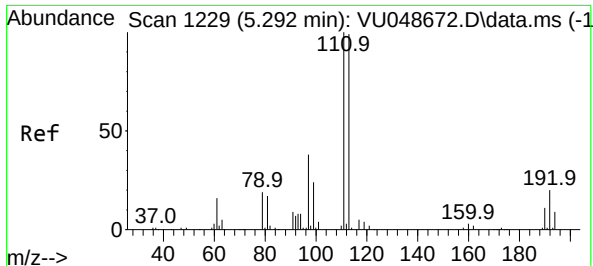
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.120 ug/l

RT: 5.289 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048902.D

Acq: 07 Jun 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0607WBL01

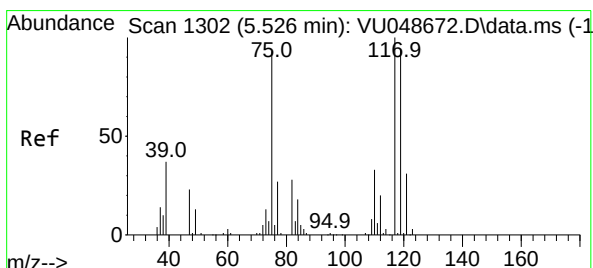
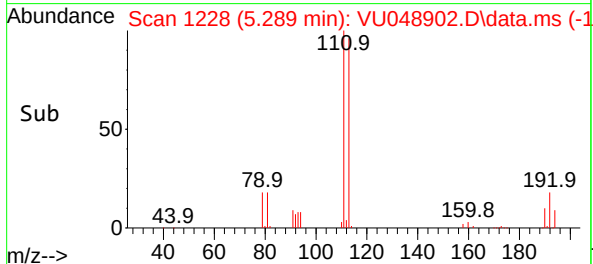
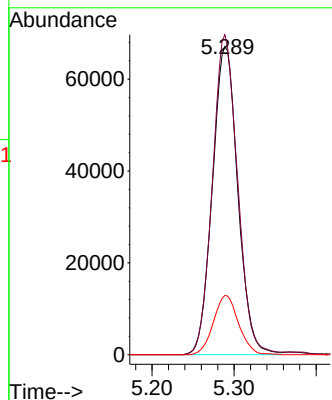
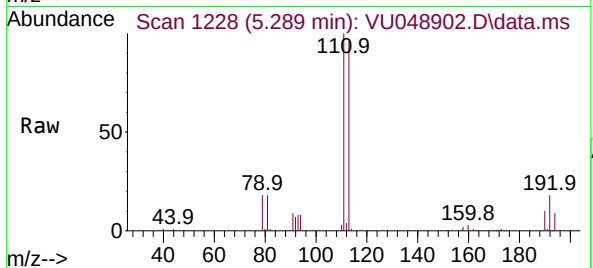
Tgt Ion:113 Resp: 144641

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

192 19.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.877 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048902.D

Acq: 07 Jun 2022 11:25

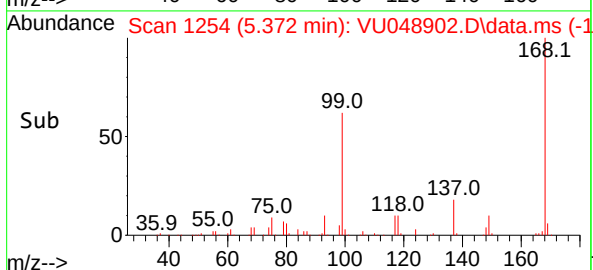
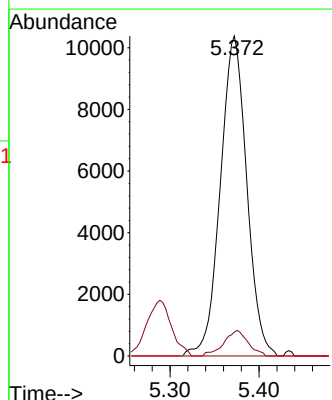
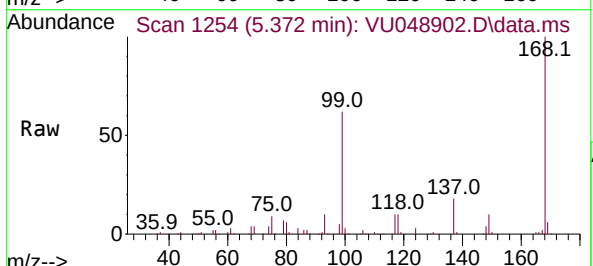
Tgt Ion: 75 Resp: 21395

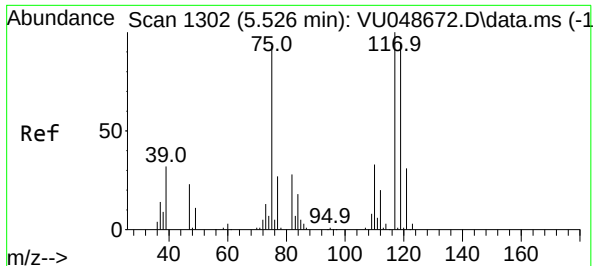
Ion Ratio Lower Upper

75 100

110 7.3 17.4 52.3#

77 0.0 24.8 37.2#

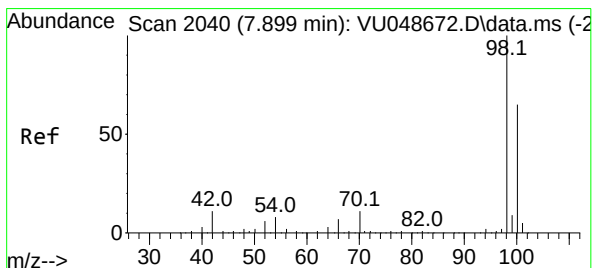
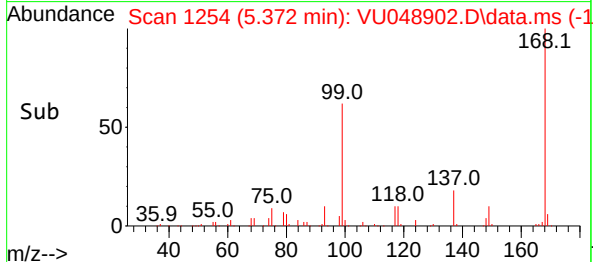
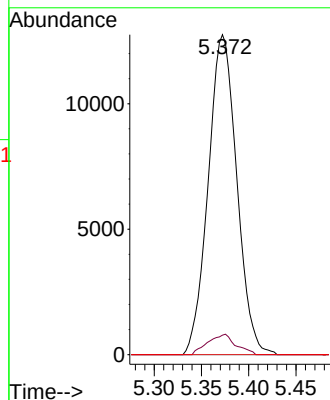
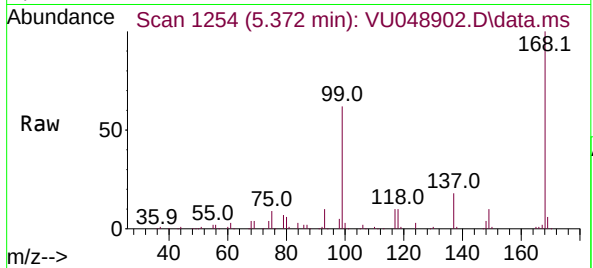




#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

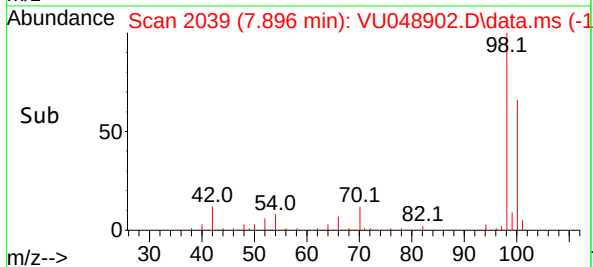
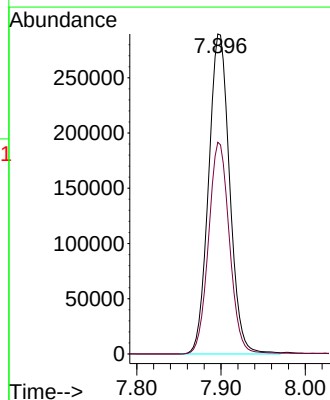
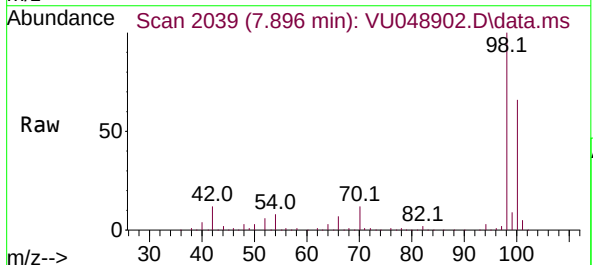
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

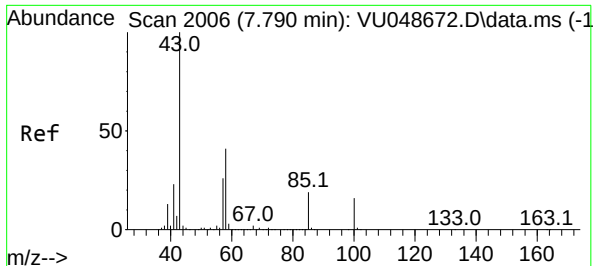
Tgt Ion:117 Resp: 26811
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 46.746 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 98 Resp: 503688
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

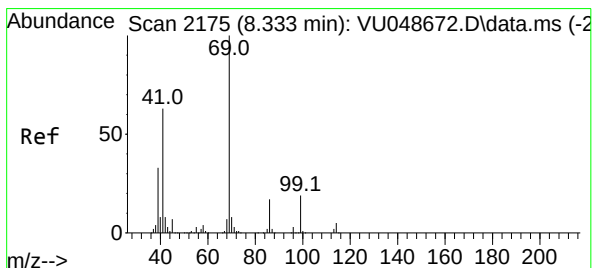
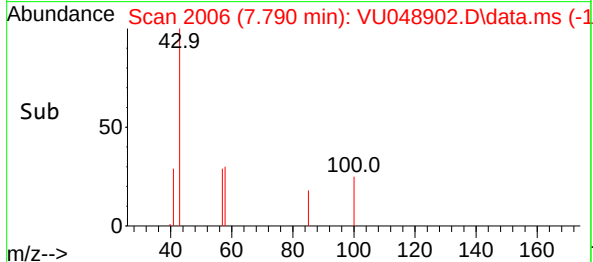
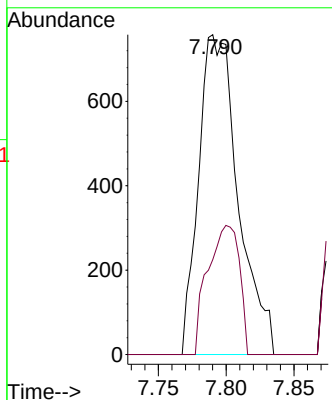
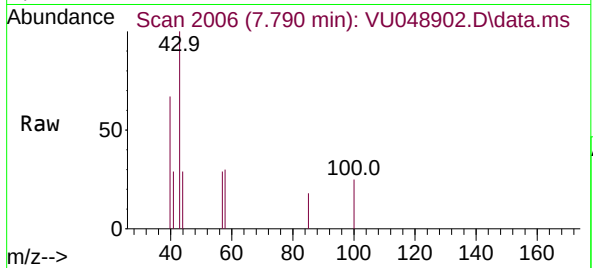




#51
4-Methyl-2-Pentanone
Concen: 0.294 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

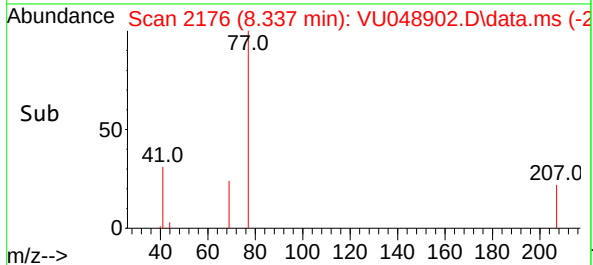
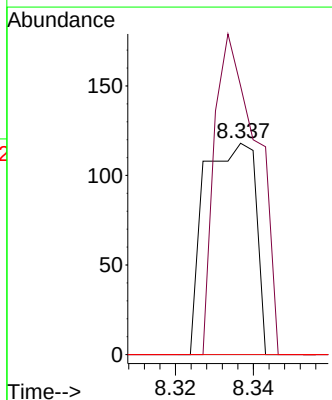
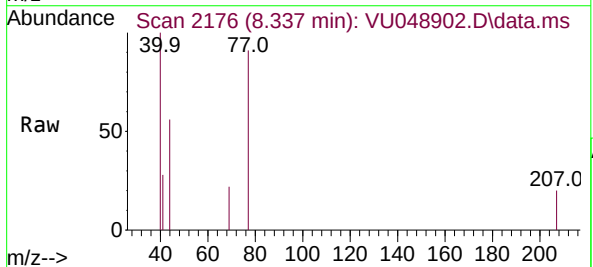
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

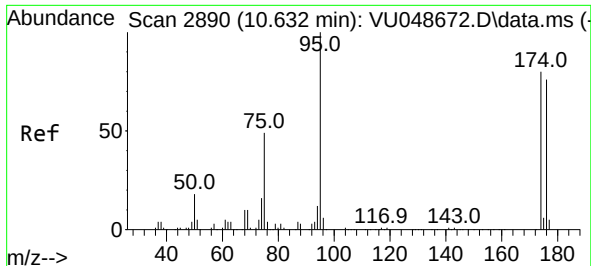
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
58 32.1 32.7 49.1#



#56
Ethyl methacrylate
Concen: 2.632 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 69 Resp: 107
Ion Ratio Lower Upper
69 100
41 126.2 50.6 76.0#
39 0.0 26.6 40.0#

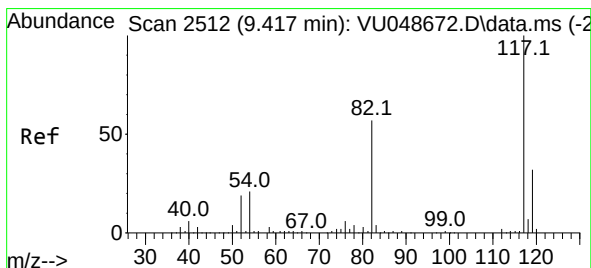
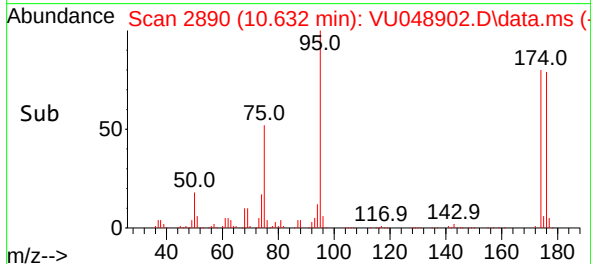
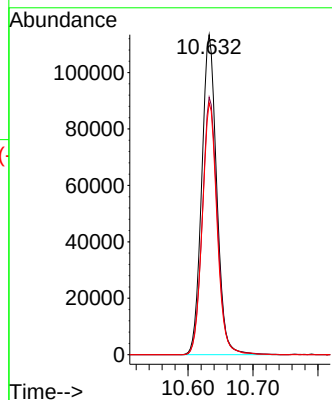
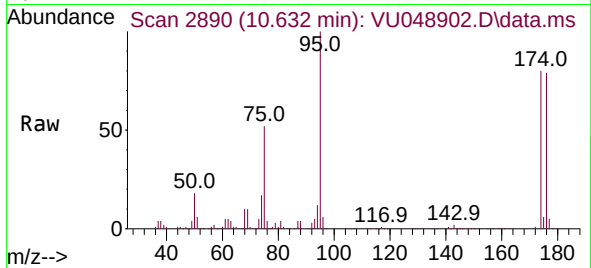




#62
4-Bromofluorobenzene
Concen: 44.765 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

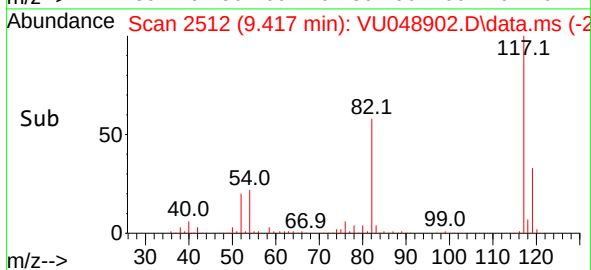
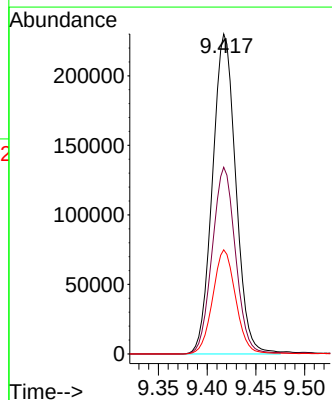
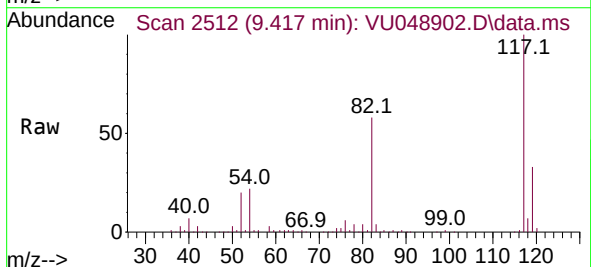
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

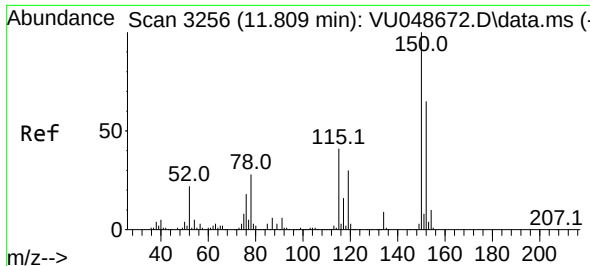
Tgt Ion: 95 Resp: 182416
Ion Ratio Lower Upper
95 100
174 80.7 0.0 159.4
176 77.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 117 Resp: 382524
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 32.6 25.4 38.2

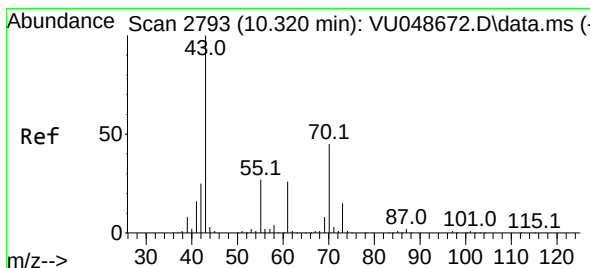
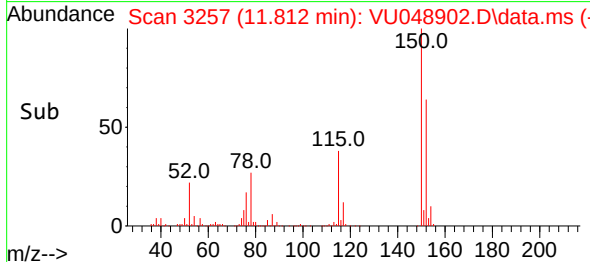
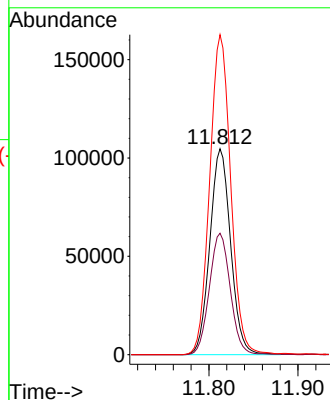
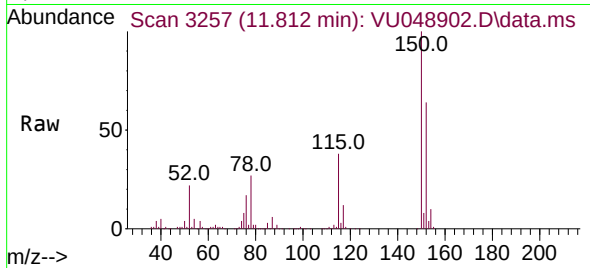




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

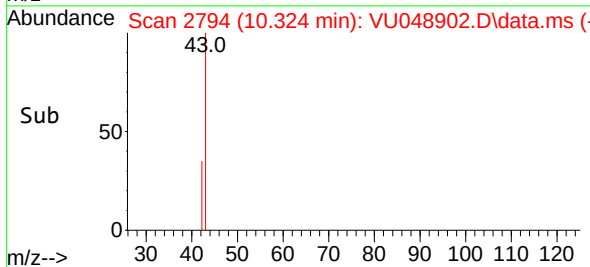
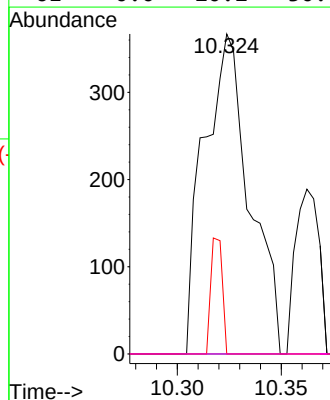
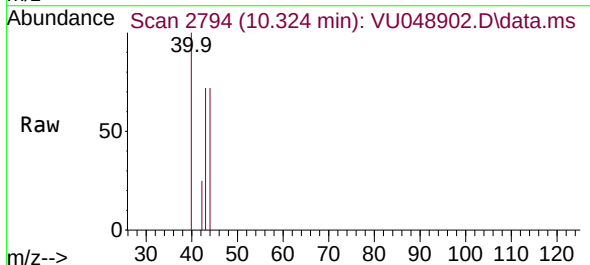
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

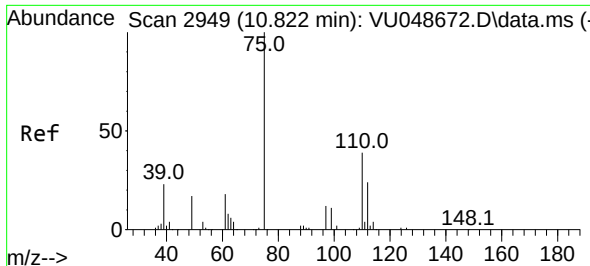
Tgt Ion:152 Resp: 169934
Ion Ratio Lower Upper
152 100
115 59.3 41.8 125.4
150 156.5 0.0 341.0



#74
N-ethyl acetate
Concen: 2.563 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.004 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
70 0.0 35.8 53.6#
55 9.1 21.1 31.7#
61 0.0 20.2 30.4#

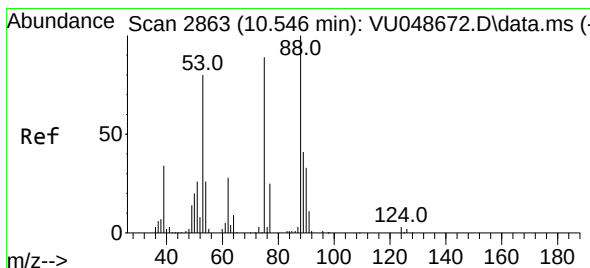
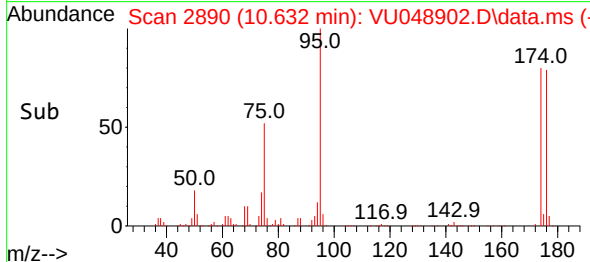
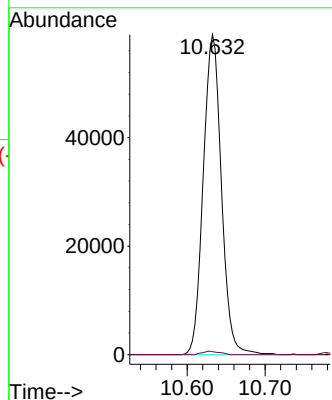
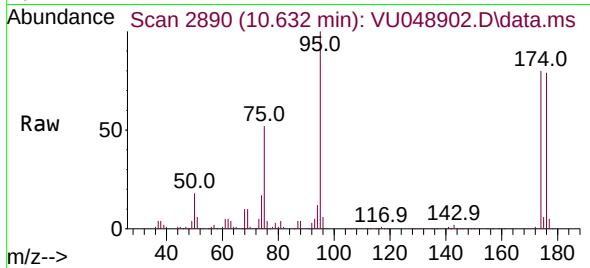




#76
1,2,3-Trichloropropane
Concen: 17.432 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

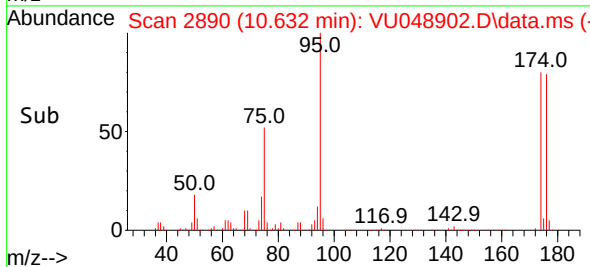
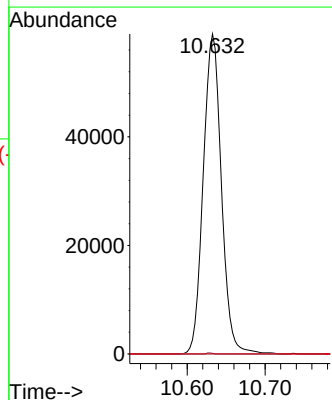
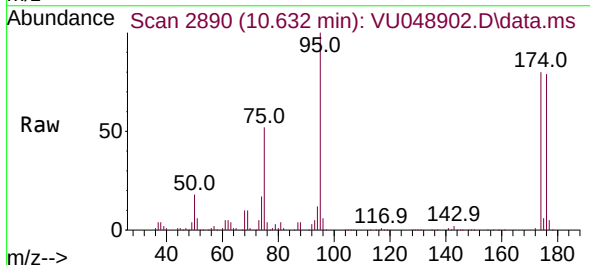
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

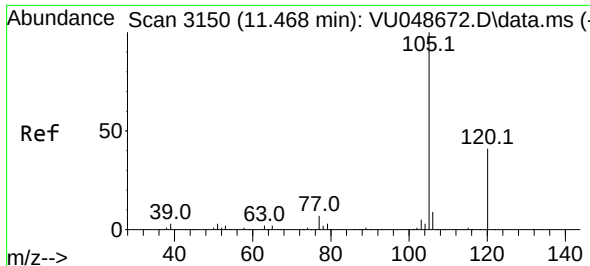
Tgt Ion: 75 Resp: 95510
Ion Ratio Lower Upper
75 100
77 1.0 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.292 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 75 Resp: 95510
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#

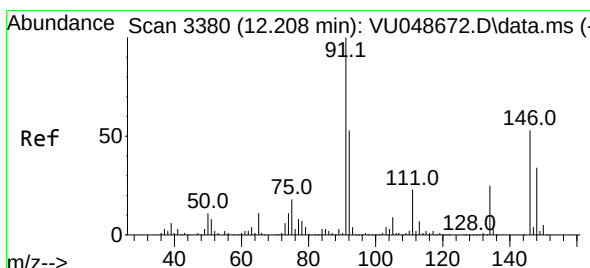
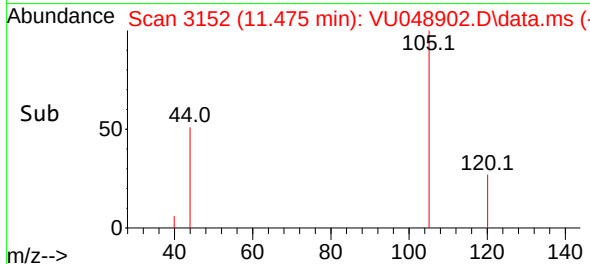
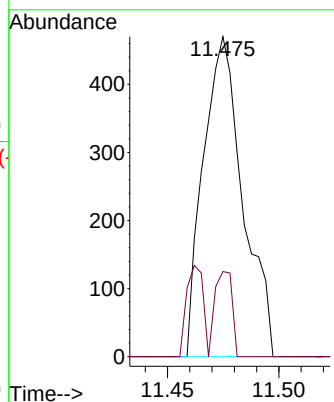
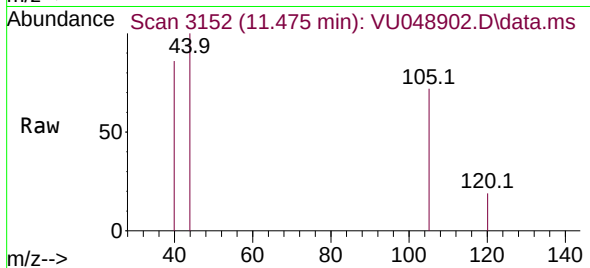




#84
1,2,4-Trimethylbenzene
Concen: 1.242 ug/l
RT: 11.475 min Scan# 3150
Delta R.T. 0.007 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

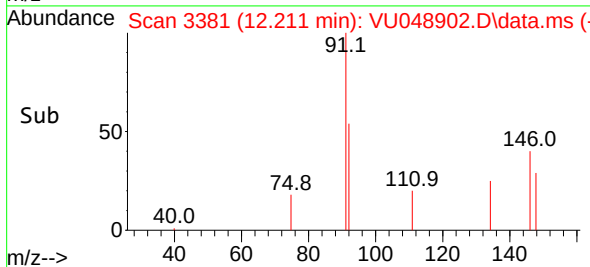
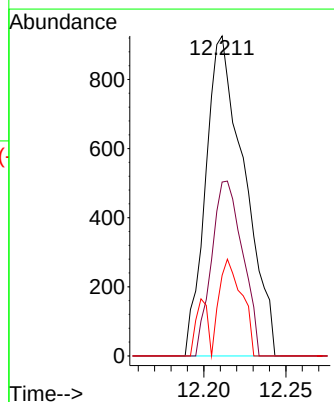
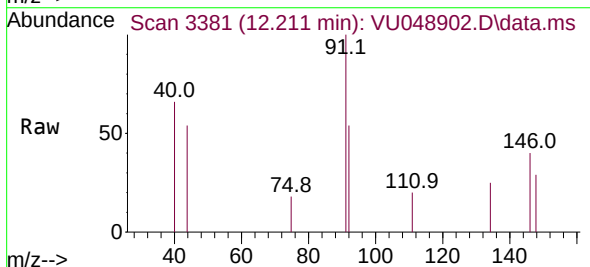
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

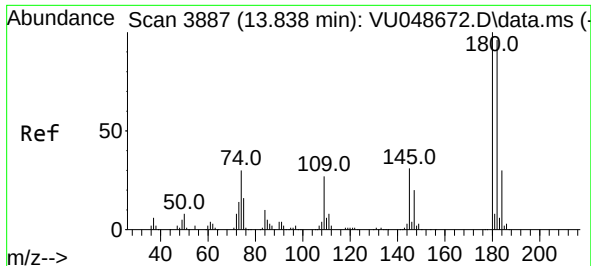
Tgt Ion:105 Resp: 579
Ion Ratio Lower Upper
105 100
120 11.7 22.5 67.5#



#89
n-Butylbenzene
Concen: 2.333 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

Tgt Ion: 91 Resp: 1516
Ion Ratio Lower Upper
91 100
92 43.8 25.9 77.8
134 17.8 12.5 37.5

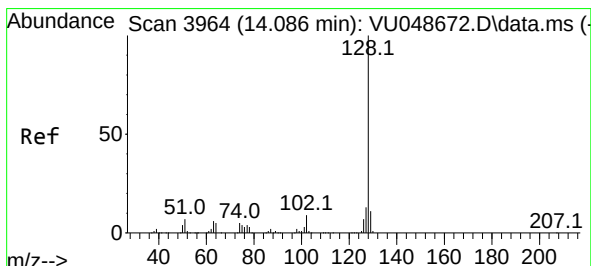
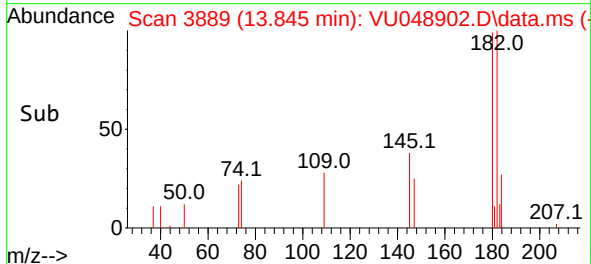
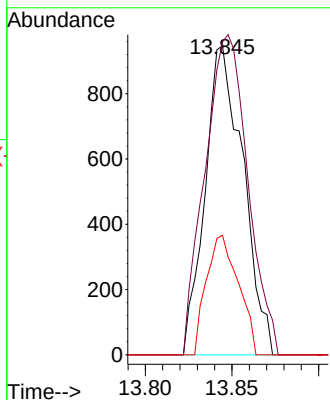
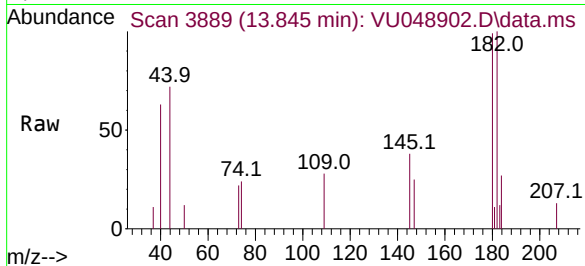




#93
1,2,4-Trichlorobenzene
Concen: 0.377 ug/l
RT: 13.845 min Scan# 3889
Delta R.T. 0.007 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

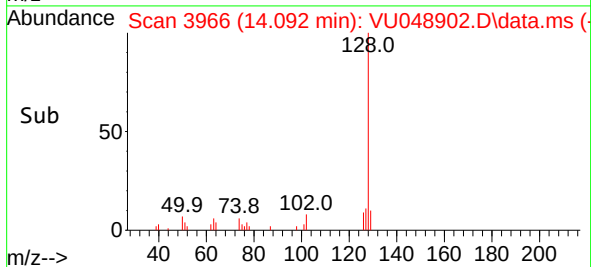
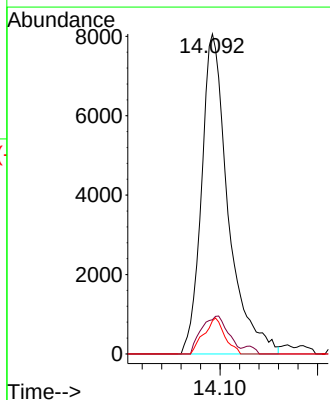
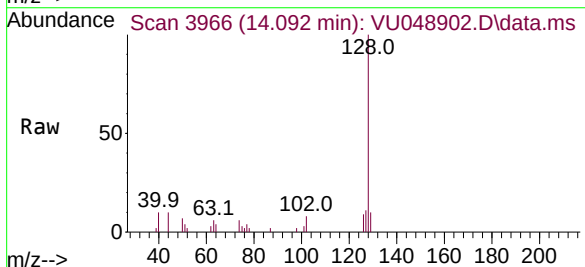
Instrument :
MSVOA_U
ClientSampleId :
VU0607WBL01

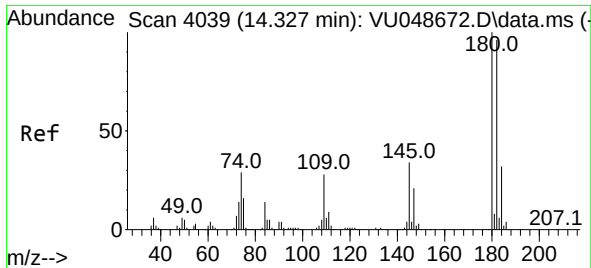
Tgt Ion:	180	Resp:	1445
Ion Ratio	Lower	Upper	
180	100		
182	116.9	48.3	144.9
145	32.5	15.6	46.7



#95
Naphthalene
Concen: 3.619 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU048902.D
Acq: 07 Jun 2022 11:25

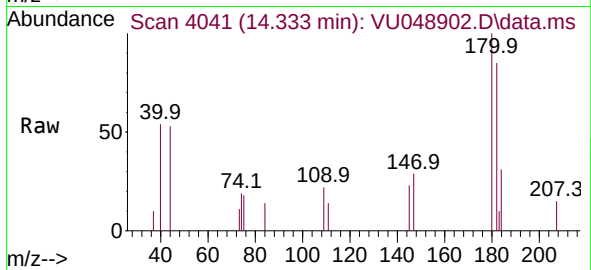
Tgt Ion:	128	Resp:	15310
Ion Ratio	Lower	Upper	
128	100		
127	11.9	10.2	15.4
129	8.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.519 ug/l
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.007 min
 Lab File: VU048902.D
 Acq: 07 Jun 2022 11:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0607WBL01



Tgt Ion:	180	Resp:	1970
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.2
145	29.1	16.6	49.8

