

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048797.D
 Acq On : 02 Jun 2022 12:28
 Operator : SY/MD
 Sample : VU0602MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0602MBL01

Quant Time: Jun 03 01:14:52 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)

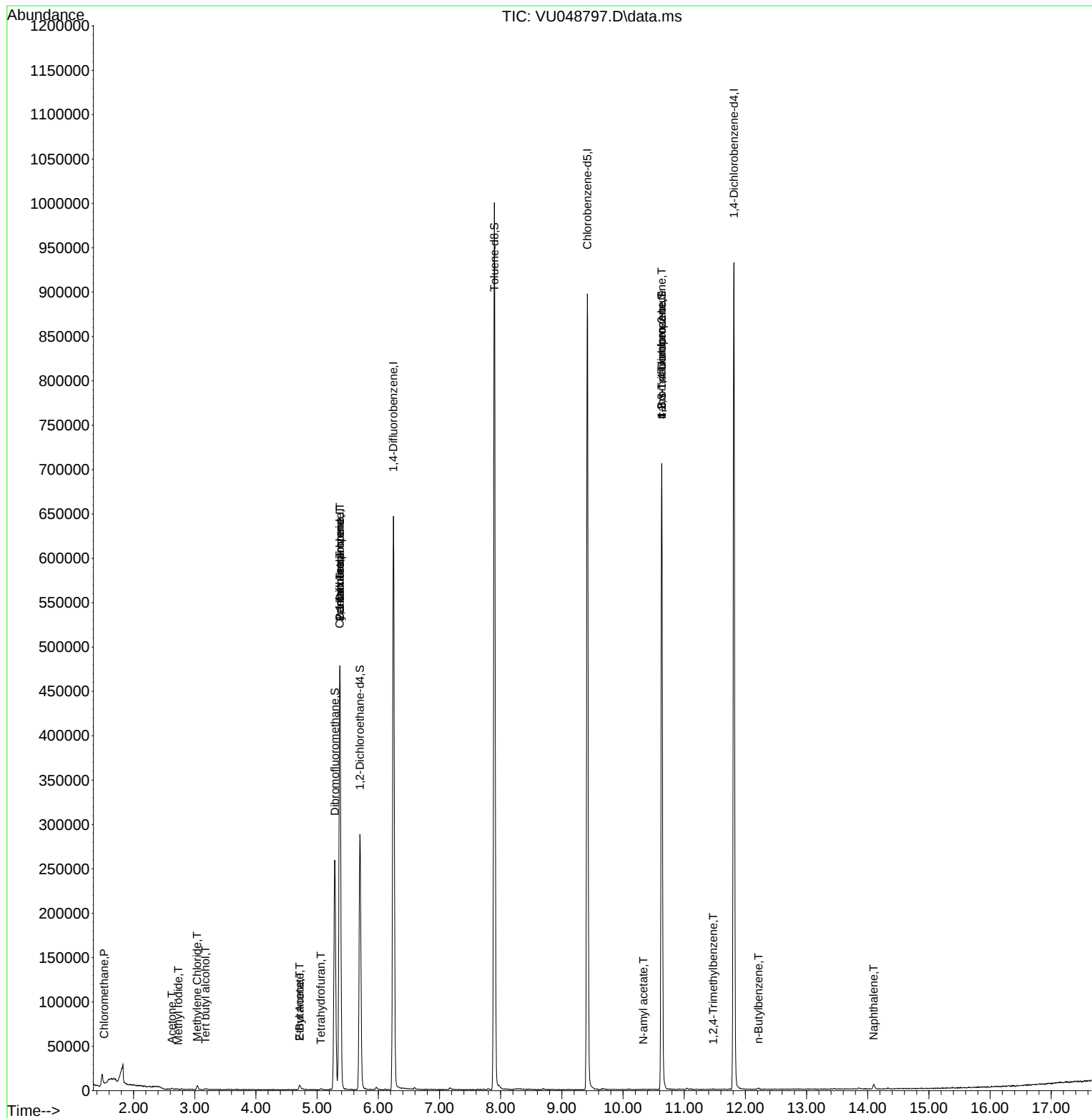
Internal Standards						
1) Pentafluorobenzene	5.372	168	330715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	531568	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	499848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	253125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	219081	44.110	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.220%		
35) Dibromofluoromethane	5.289	113	170085	44.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.700%		
50) Toluene-d8	7.896	98	660807	48.610	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.220%		
62) 4-Bromofluorobenzene	10.632	95	244605	47.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.160%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1043	0.214	ug/l	91
5) Bromomethane	1.829	94	612	Below Cal		83
6) Chloroethane	1.890	64	353	Below Cal	#	43
10) Methyl Iodide	2.732	142	401	3.076	ug/l #	43
11) Tert butyl alcohol	3.176	59	643	0.511	ug/l #	28
13) Acrolein	2.491	56	39	Below Cal	#	42
16) Acetone	2.626	43	1523	0.602	ug/l #	87
20) Methylene Chloride	3.038	84	2103	0.489	ug/l #	86
25) 2-Butanone	4.713	43	8909	2.450	ug/l	98
29) Tetrahydrofuran	5.060	42	736	0.321	ug/l #	88
31) Cyclohexane	5.369	56	6892	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	26768	4.836	ug/l #	50
37) Ethyl Acetate	4.713	43	8909	1.273	ug/l #	68
38) Carbon Tetrachloride	5.372	117	33909	5.340	ug/l #	16
74) N-amyl acetate	10.333	43	370	2.509	ug/l #	49
76) 1,2,3-Trichloropropane	10.632	75	123769	15.165	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	123769	55.063	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.475	105	786	1.237	ug/l	77
89) n-Butylbenzene	12.214	91	462	2.215	ug/l #	40
95) Naphthalene	14.098	128	6179	2.827	ug/l #	87

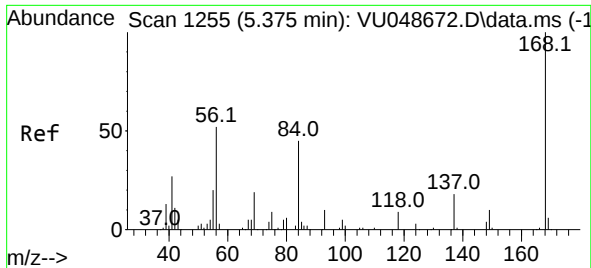
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 03 01:14:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
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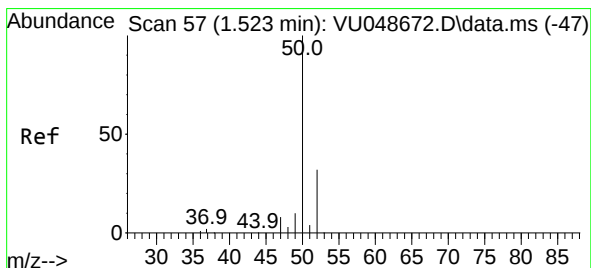
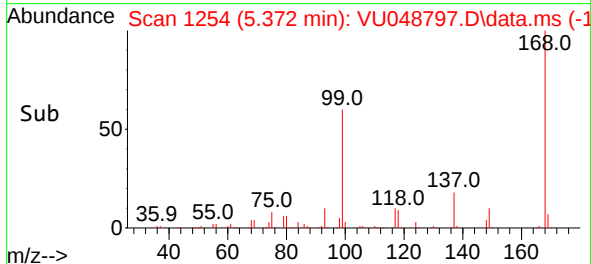
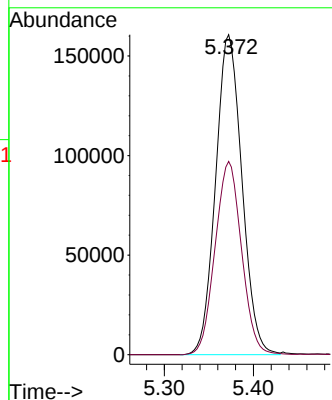
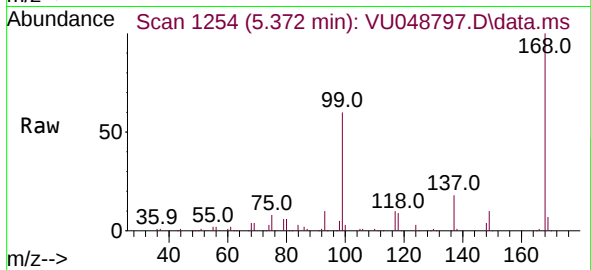




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

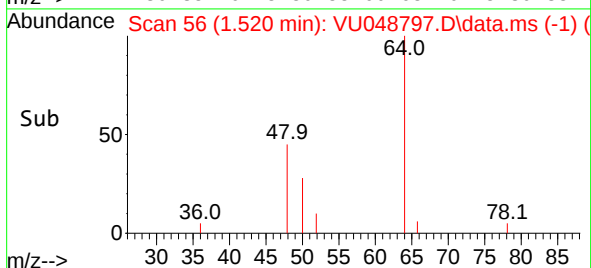
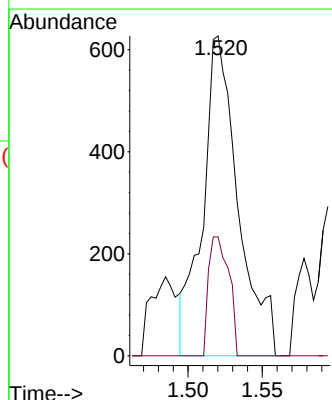
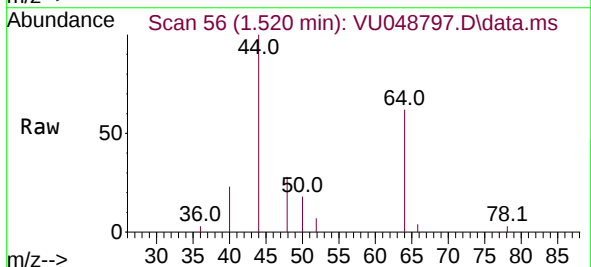
Instrument :
MSVOA_U
ClientSampleId :
VU0602MBL01

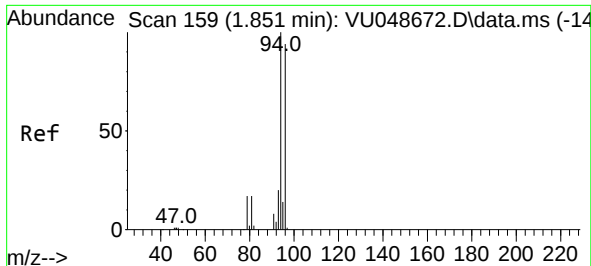
Tgt Ion:168 Resp: 330715
Ion Ratio Lower Upper
168 100
99 60.4 49.3 73.9



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 50 Resp: 1043
Ion Ratio Lower Upper
50 100
52 37.2 25.7 38.5

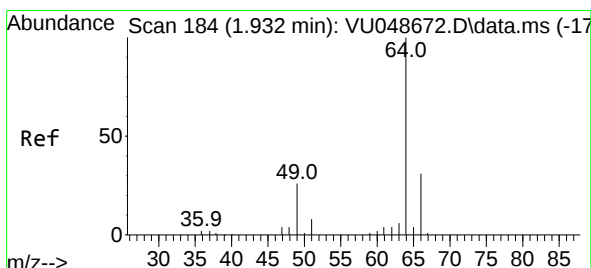
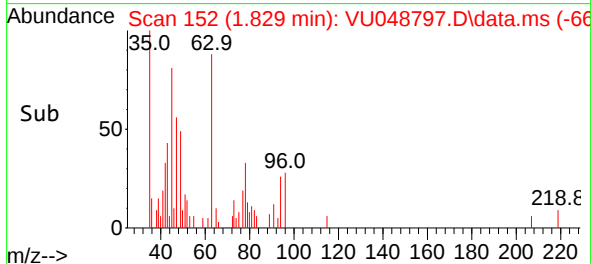
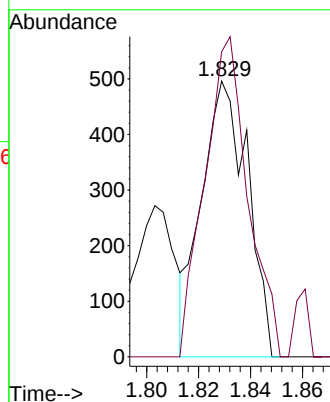
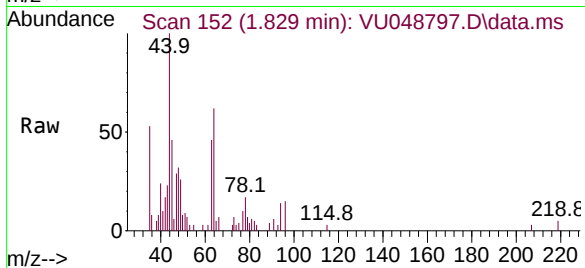




#5
Bromomethane
Concen: Below Cal
RT: 1.829 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

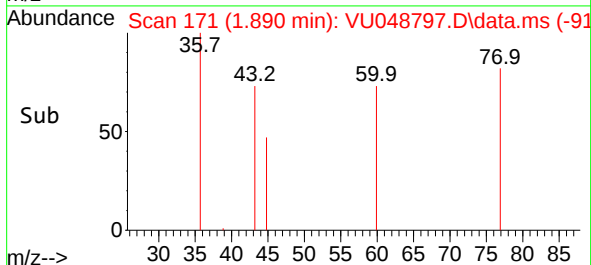
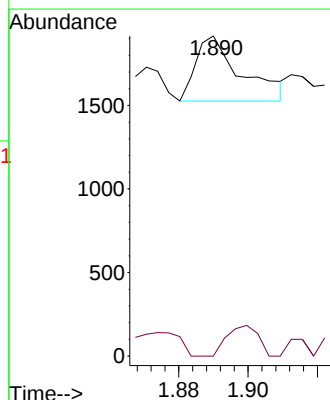
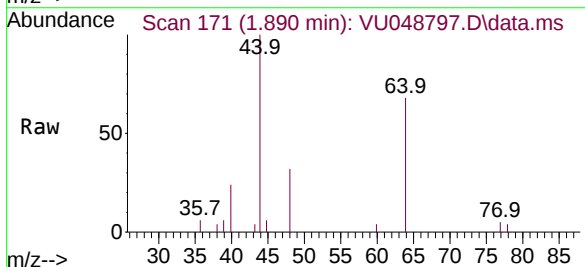
Instrument :
MSVOA_U
ClientSampleId :
VU0602MBL01

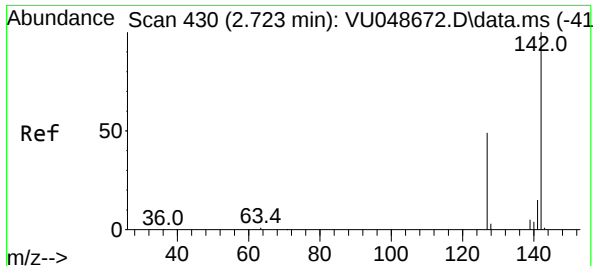
Tgt Ion: 94 Resp: 612
Ion Ratio Lower Upper
94 100
96 110.7 75.1 112.7



#6
Chloroethane
Concen: Below Cal
RT: 1.890 min Scan# 171
Delta R.T. -0.042 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 64 Resp: 353
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

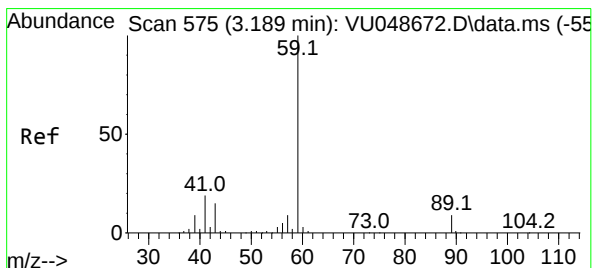
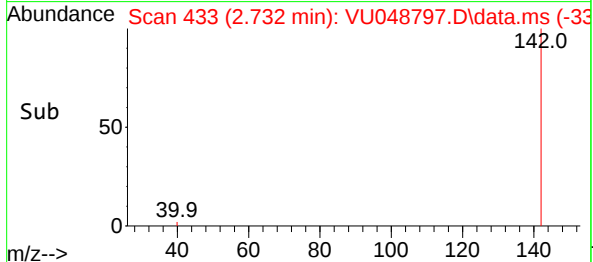
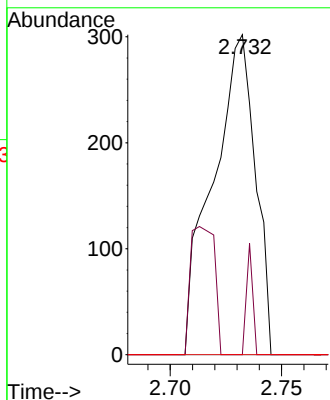
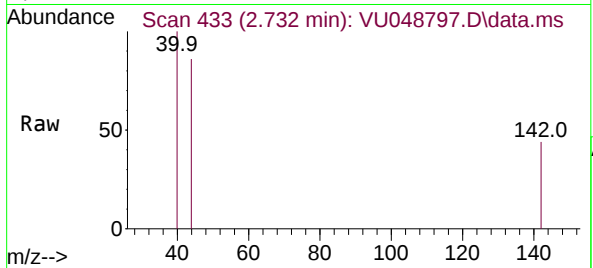




#10
Methyl Iodide
Concen: 3.076 ug/l
RT: 2.732 min Scan# 41
Delta R.T. 0.009 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

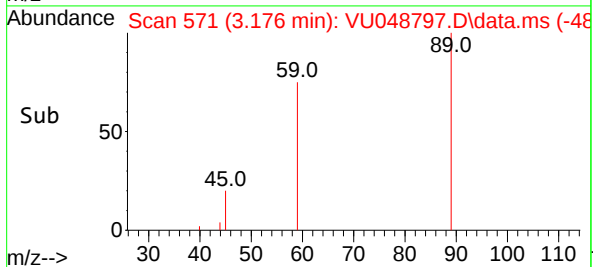
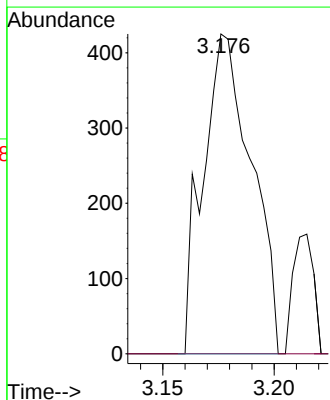
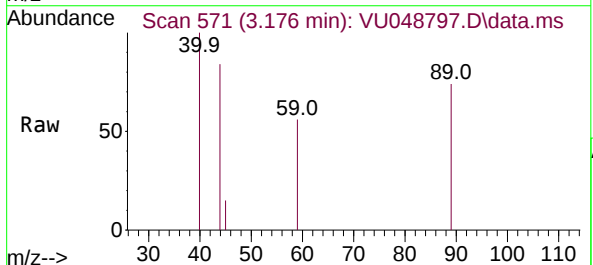
Instrument :
MSVOA_U
ClientSampleId :
VU0602MBL01

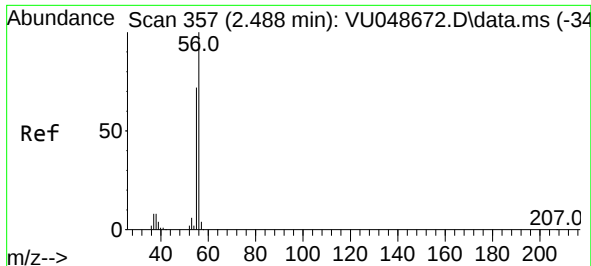
Tgt Ion:142 Resp: 401
Ion Ratio Lower Upper
142 100
127 5.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.511 ug/l
RT: 3.176 min Scan# 571
Delta R.T. -0.013 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 59 Resp: 643
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

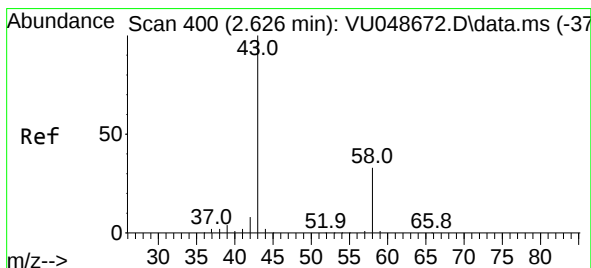
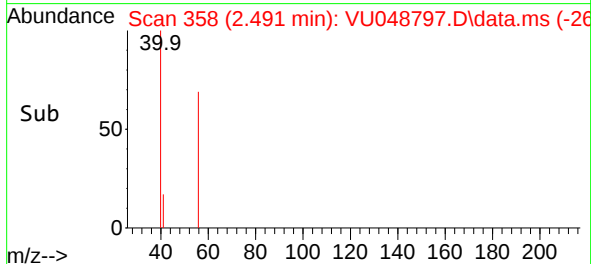
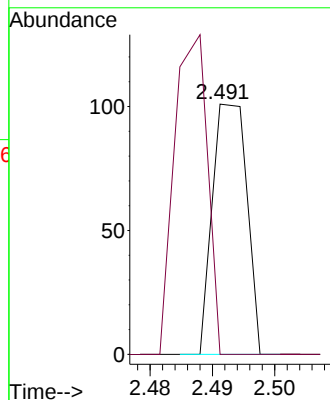
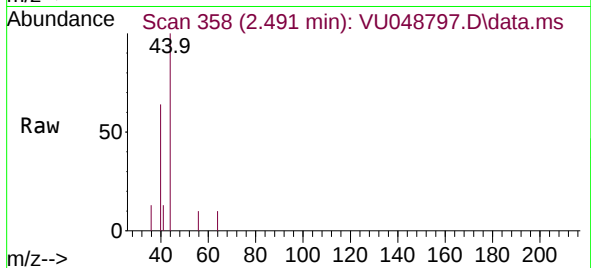




#13
Acrolein
Concen: Below Cal
RT: 2.491 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

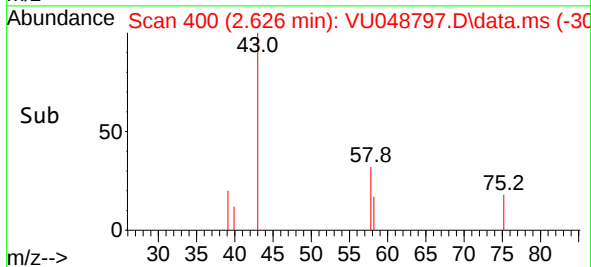
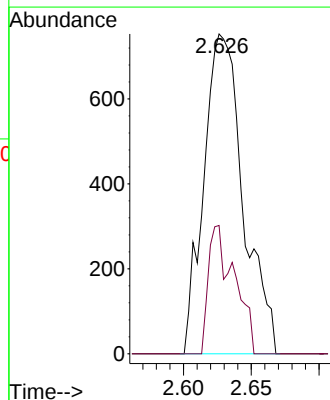
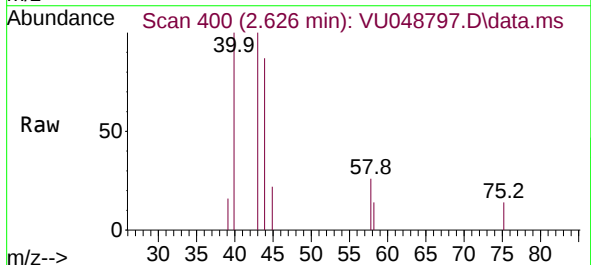
Instrument :
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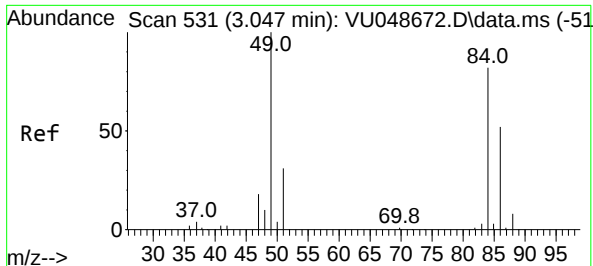
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 120.5 57.7 86.5#



#16
Acetone
Concen: 0.602 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 40.1 26.3 39.5#

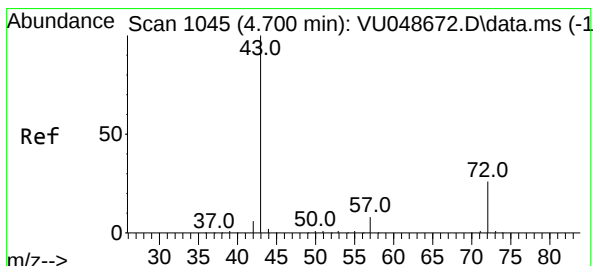
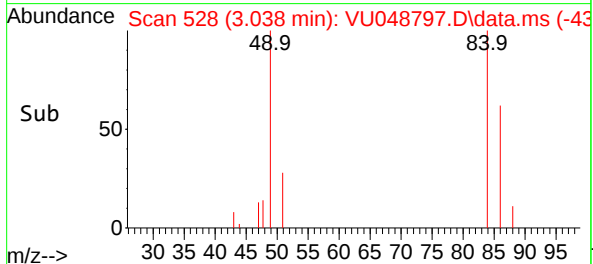
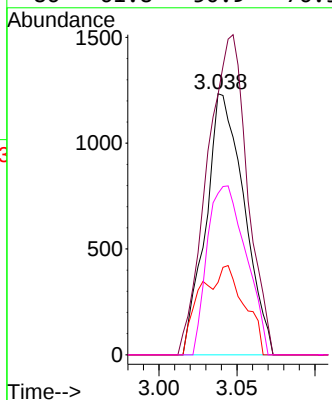
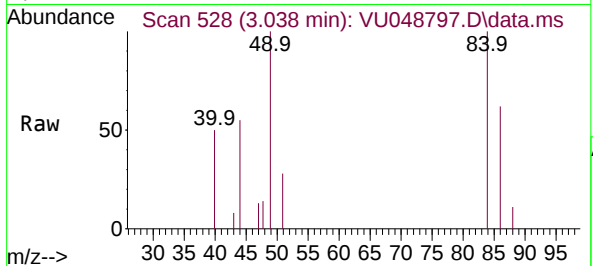




#20
Methylene Chloride
Concen: 0.489 ug/l
RT: 3.038 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

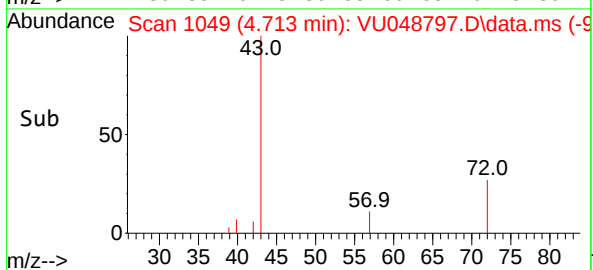
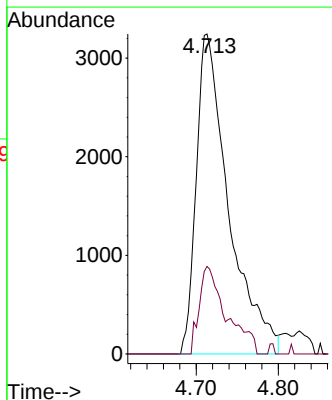
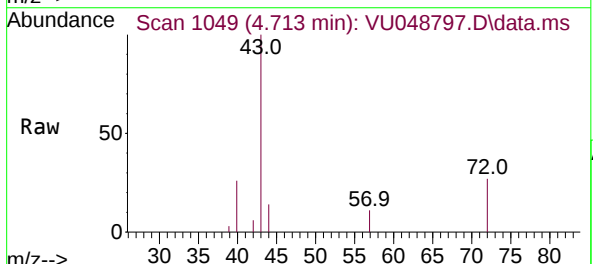
Instrument :
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ClientSampleId :
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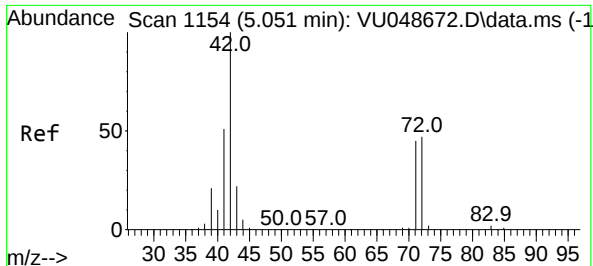
Tgt Ion: 84	Resp:	2103	
Ion	Ratio	Lower	Upper
84	100		
49	99.7	97.0	145.4
51	27.7	29.8	44.8#
86	61.8	50.9	76.3



#25
2-Butanone
Concen: 2.450 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 43	Resp:	8909	
Ion	Ratio	Lower	Upper
43	100		
72	27.4	21.1	31.7

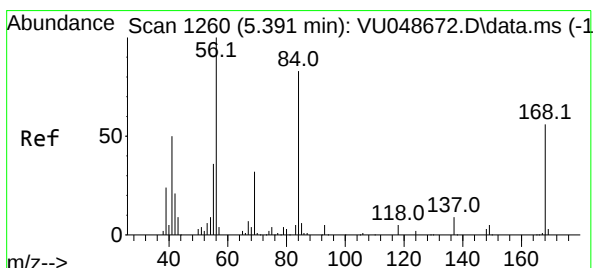
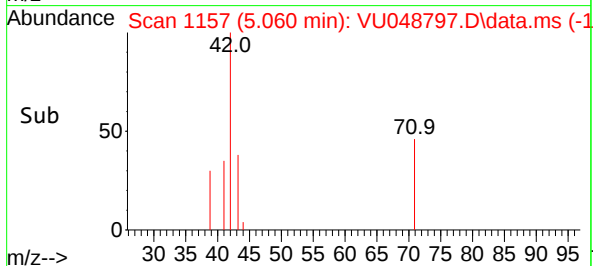
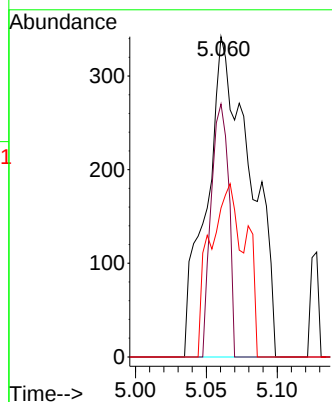
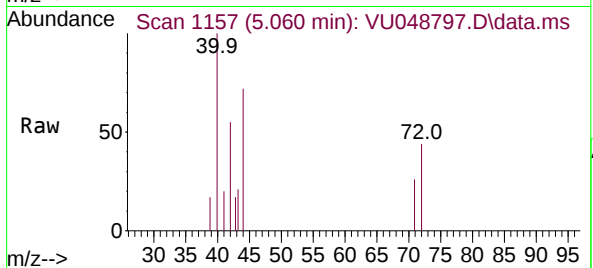




#29
Tetrahydrofuran
Concen: 0.321 ug/l
RT: 5.060 min Scan# 1154
Delta R.T. 0.010 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

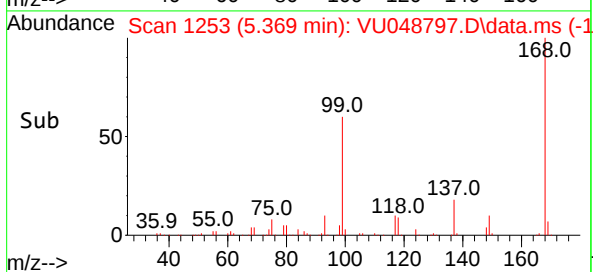
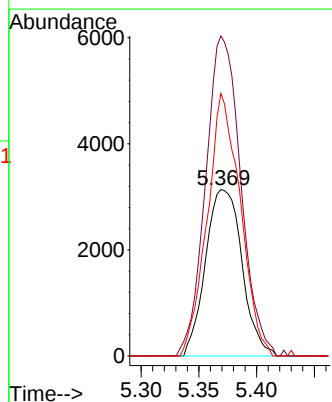
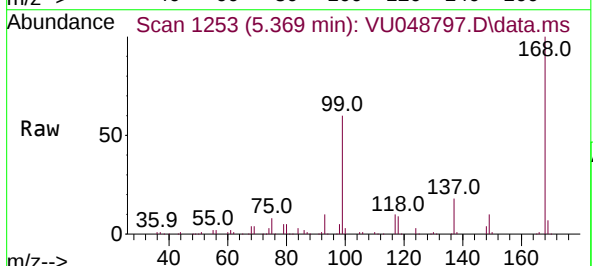
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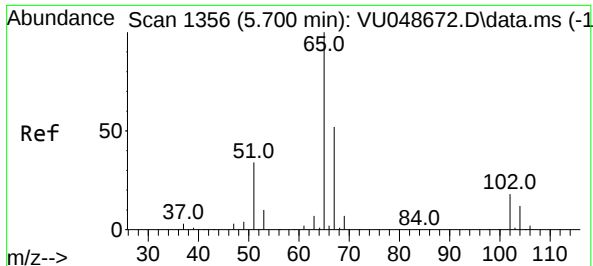
Tgt Ion: 42 Resp: 736
Ion Ratio Lower Upper
42 100
72 31.4 37.6 56.4#
71 43.5 35.0 52.4



#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.022 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 56 Resp: 6892
Ion Ratio Lower Upper
56 100
69 192.3 25.6 38.4#
84 157.7 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 44.110 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048797.D

Acq: 02 Jun 2022 12:28

Instrument :

MSVOA_U

ClientSampleId :

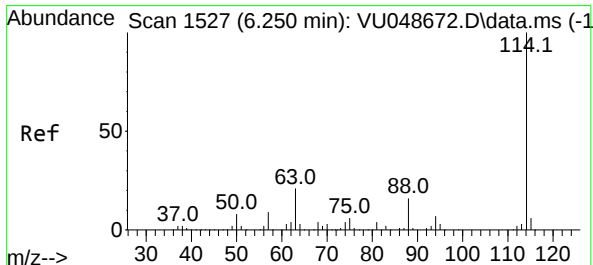
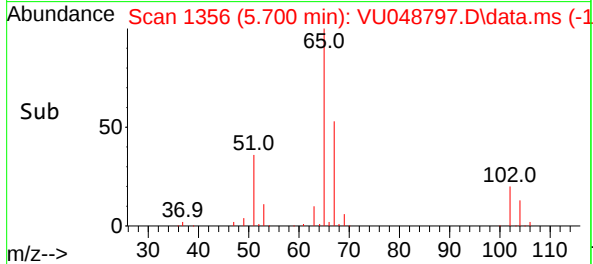
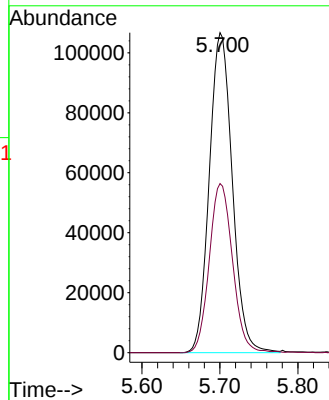
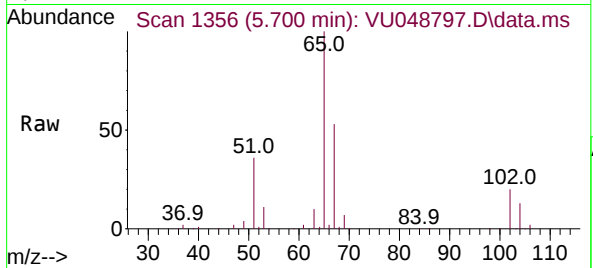
VU0602MBL01

Tgt Ion: 65 Resp: 219081

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048797.D

Acq: 02 Jun 2022 12:28

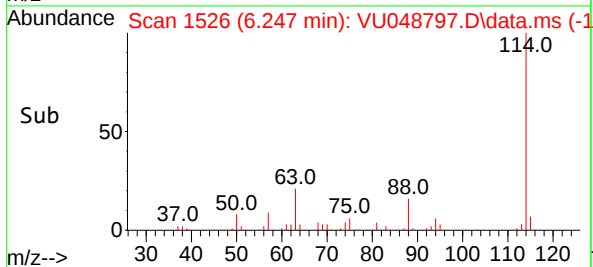
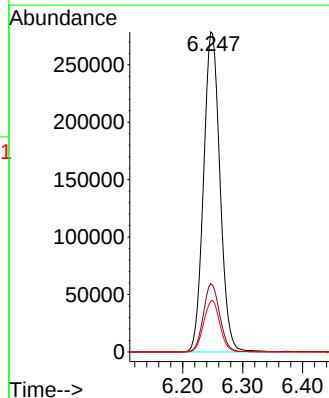
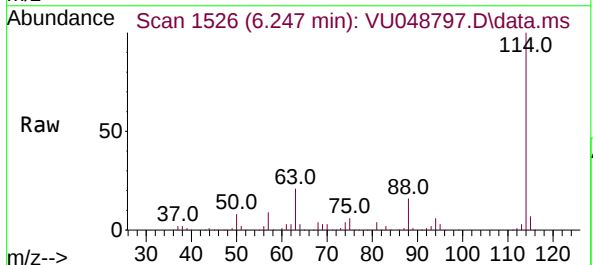
Tgt Ion: 114 Resp: 531568

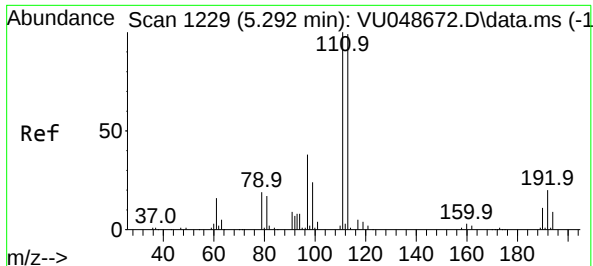
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 15.9 0.0 32.2

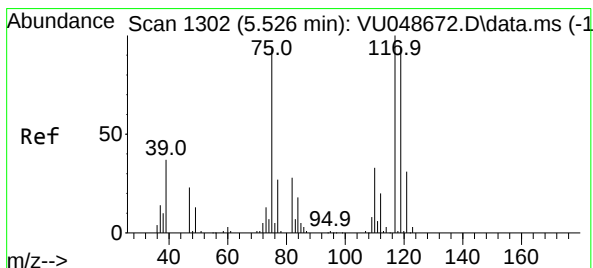
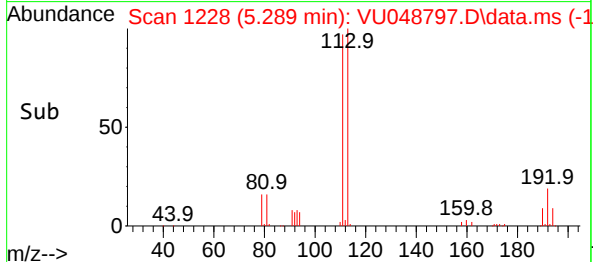
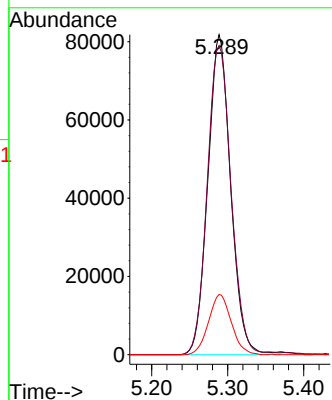
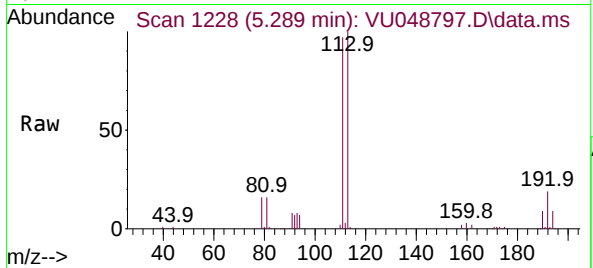




#35
Dibromofluoromethane
Concen: 44.850 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

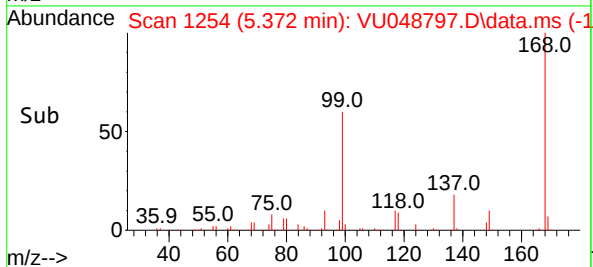
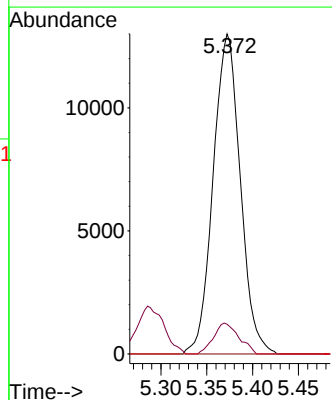
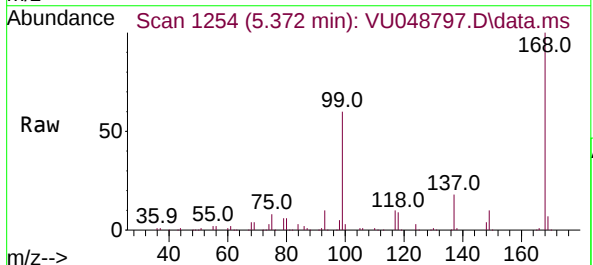
Instrument :
MSVOA_U
ClientSampleId :
VU0602MBL01

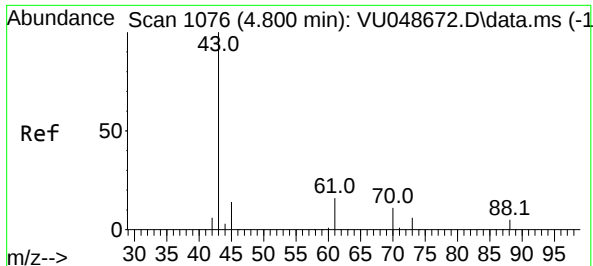
Tgt Ion:113 Resp: 170085
Ion Ratio Lower Upper
113 100
111 100.8 80.7 121.1
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.836 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 75 Resp: 26768
Ion Ratio Lower Upper
75 100
110 9.0 17.4 52.3#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.273 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. -0.087 min

Lab File: VU048797.D

Acq: 02 Jun 2022 12:28

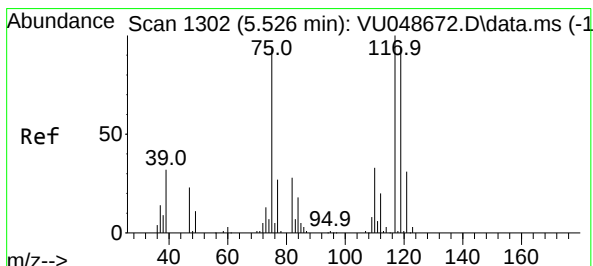
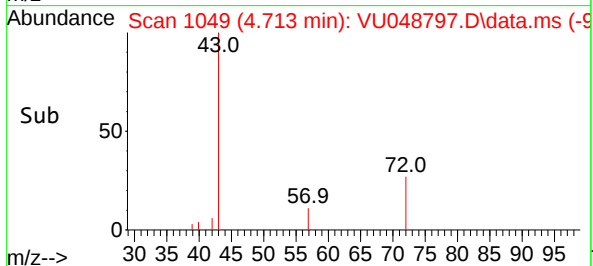
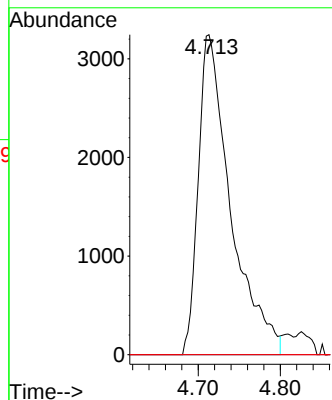
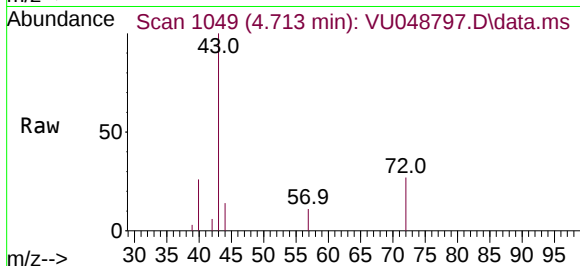
Instrument :

MSVOA_U

ClientSampleId :

VU0602MBL01

Tgt Ion:	43	Resp:	8909
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	8.4	12.6#



#38

Carbon Tetrachloride

Concen: 5.340 ug/l

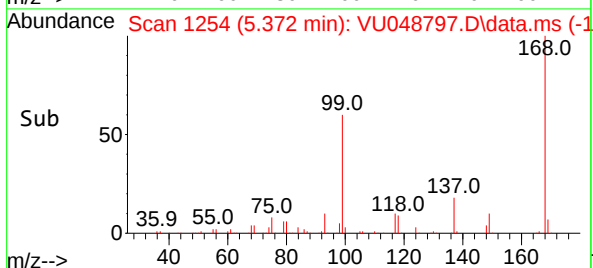
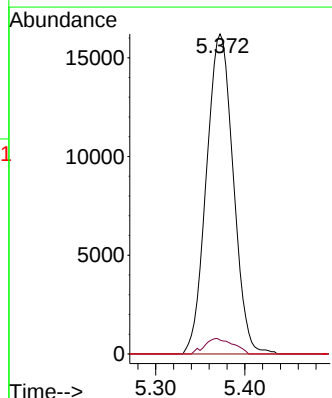
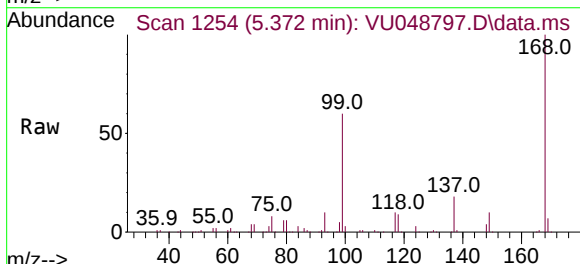
RT: 5.372 min Scan# 1254

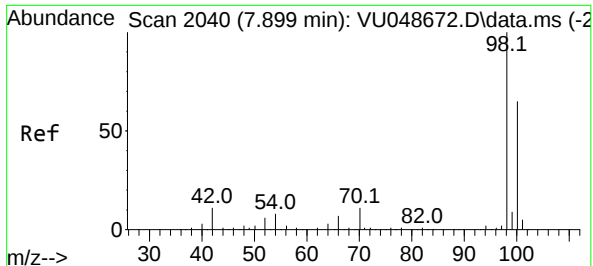
Delta R.T. -0.154 min

Lab File: VU048797.D

Acq: 02 Jun 2022 12:28

Tgt Ion:	117	Resp:	33909
Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.4	113.2#
121	0.0	24.6	36.8#

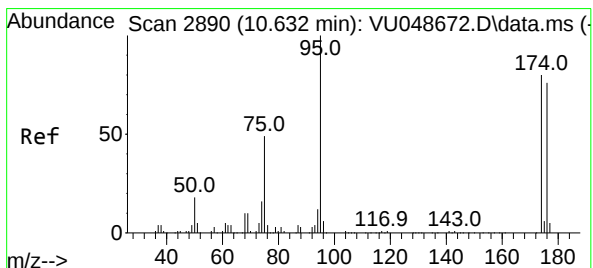
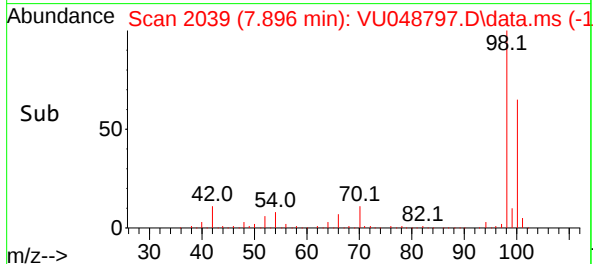
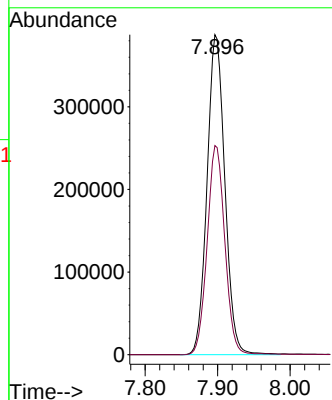
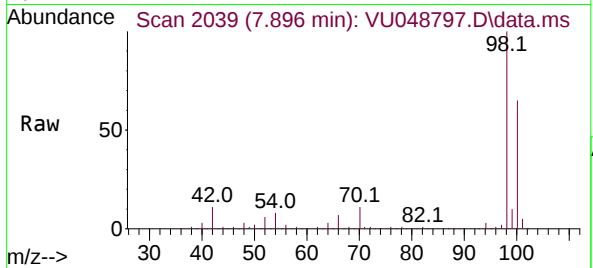




#50
Toluene-d8
Concen: 48.610 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

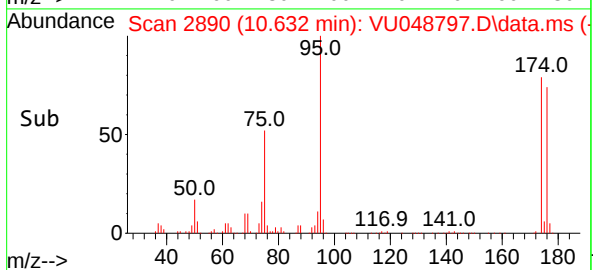
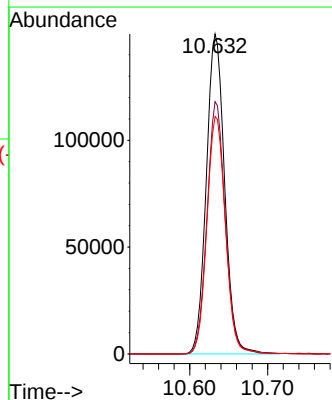
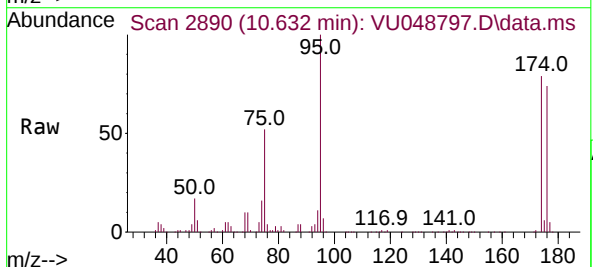
Instrument :
MSVOA_U
ClientSampleId :
VU0602MBL01

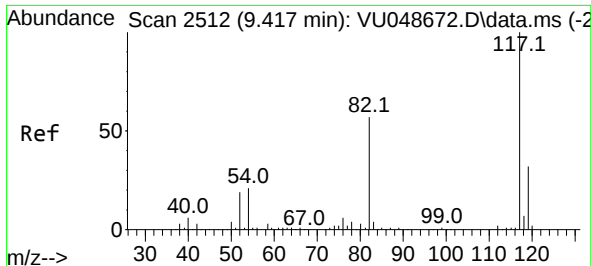
Tgt Ion: 98 Resp: 660807
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.578 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 95 Resp: 244605
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.4
176 74.8 0.0 152.4

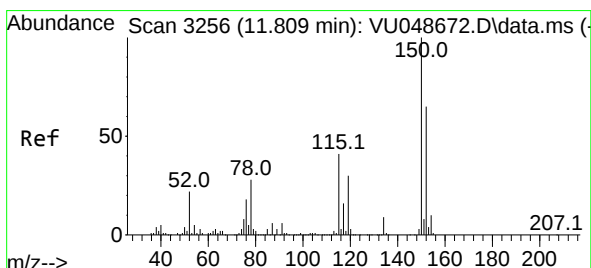
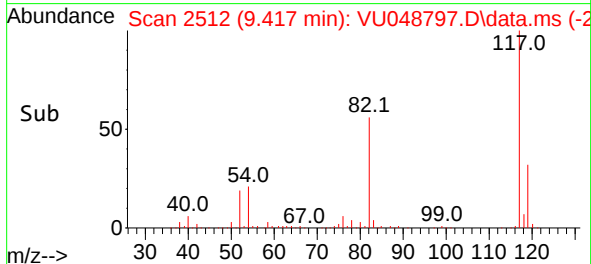
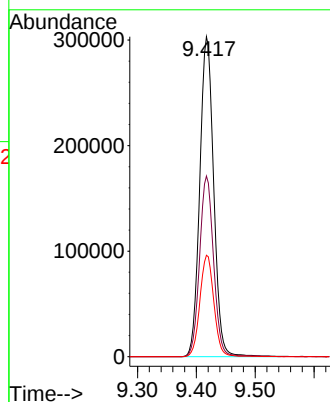
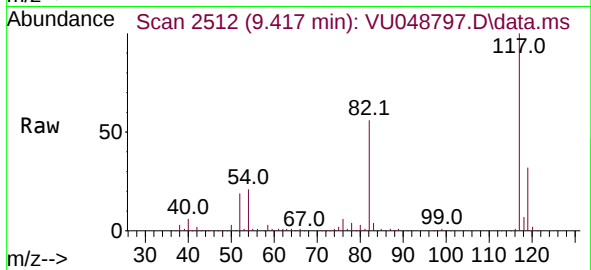




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

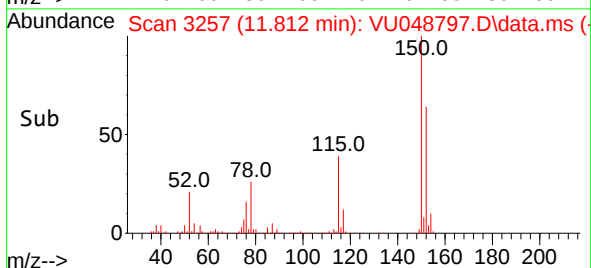
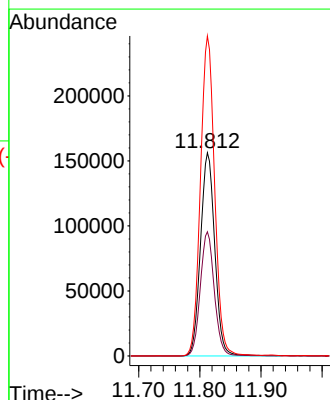
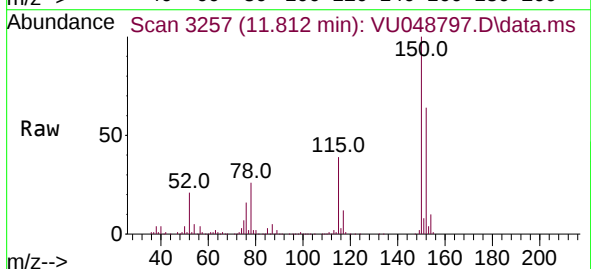
Instrument :
MSVOA_U
ClientSampleId :
VU0602MBL01

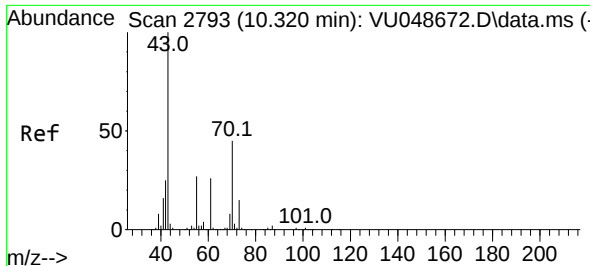
Tgt Ion:117 Resp: 499848
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion:152 Resp: 253125
Ion Ratio Lower Upper
152 100
115 60.1 41.8 125.4
150 156.5 0.0 341.0

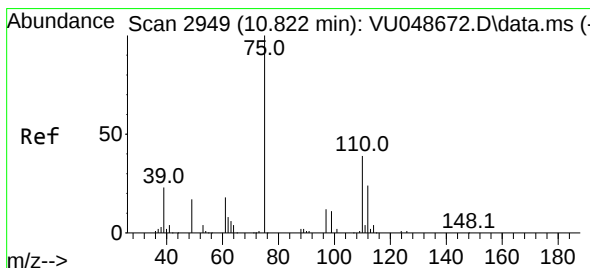
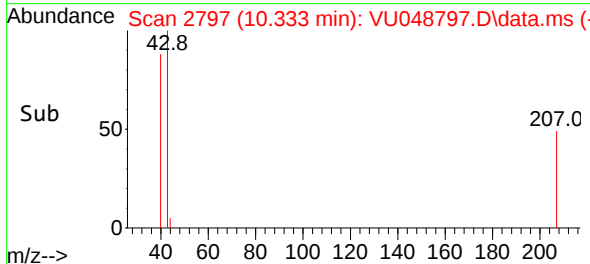
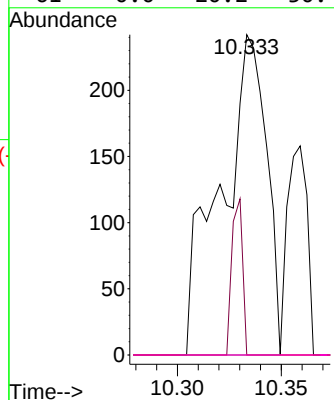
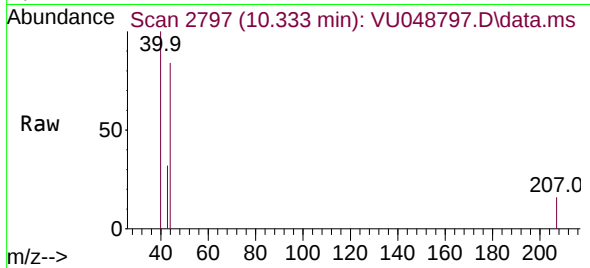




#74
N-amy1 acetate
Concen: 2.509 ug/l
RT: 10.333 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

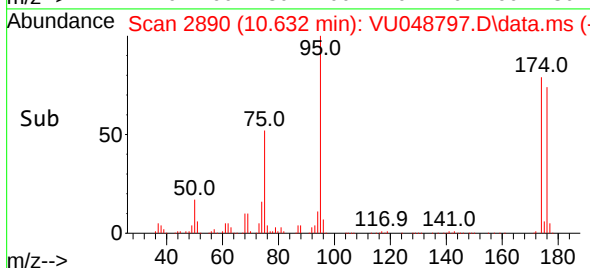
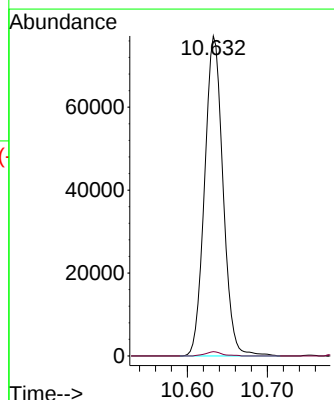
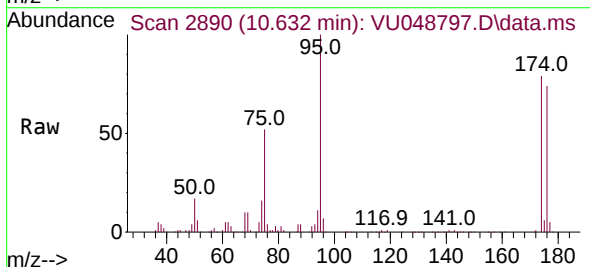
Instrument :
MSVOA_U
ClientSampleId :
VU0602MBL01

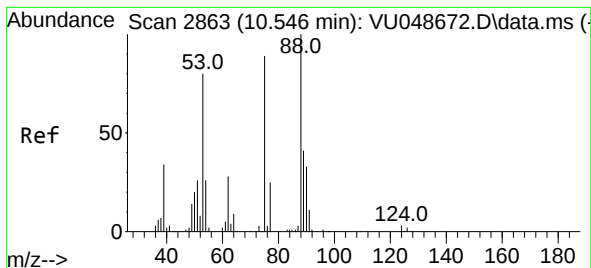
Tgt Ion: 43	Resp:	370	
Ion	Ratio	Lower	Upper
43	100		
70	11.4	35.8	53.6#
55	0.0	21.1	31.7#
61	0.0	20.2	30.4#



#76
1,2,3-Trichloropropane
Concen: 15.165 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 75	Resp: 123769
Ion Ratio	Lower Upper
75 100	
77 1.2	14.8 44.3#

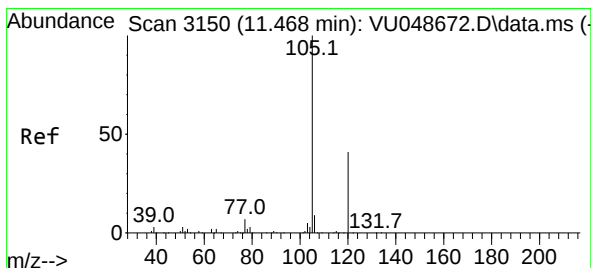
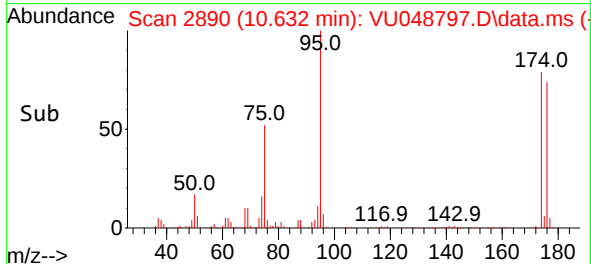
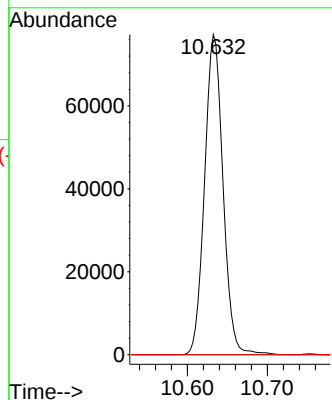
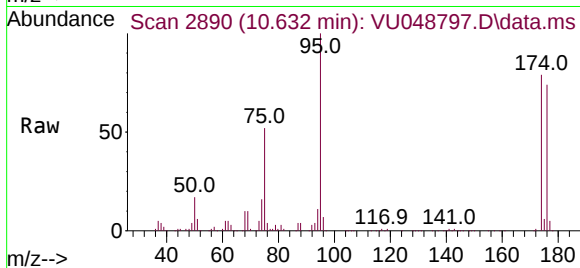




#81
trans-1,4-Dichloro-2-butene
Concen: 55.063 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

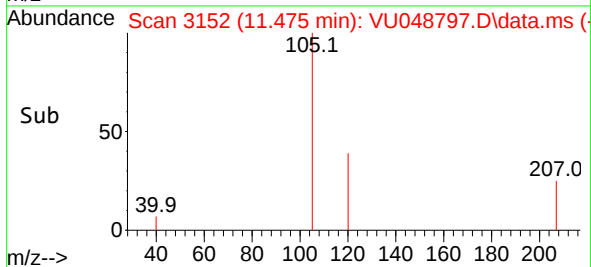
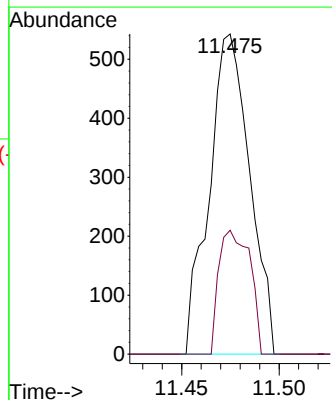
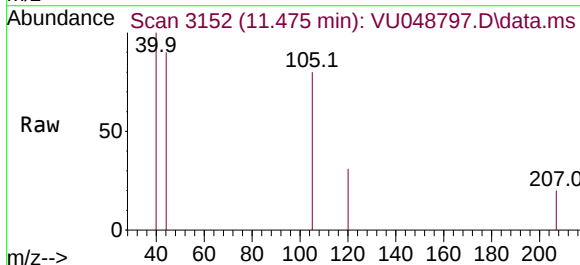
Instrument :
MSVOA_U
ClientSampleId :
VU0602MBL01

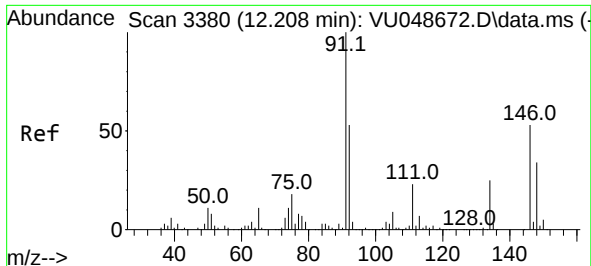
Tgt Ion: 75 Resp: 123769
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.237 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.007 min
Lab File: VU048797.D
Acq: 02 Jun 2022 12:28

Tgt Ion: 105 Resp: 786
Ion Ratio Lower Upper
105 100
120 29.6 22.5 67.5





#89

n-Butylbenzene

Concen: 2.215 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.006 min

Lab File: VU048797.D

Acq: 02 Jun 2022 12:28

Instrument :

MSVOA_U

ClientSampleId :

VU0602MBL01

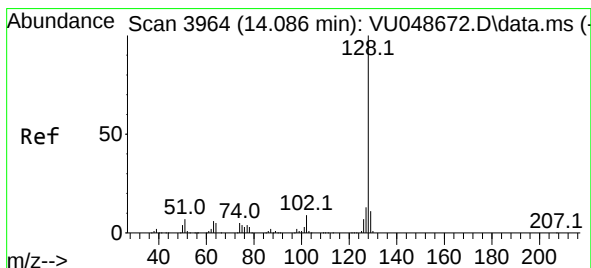
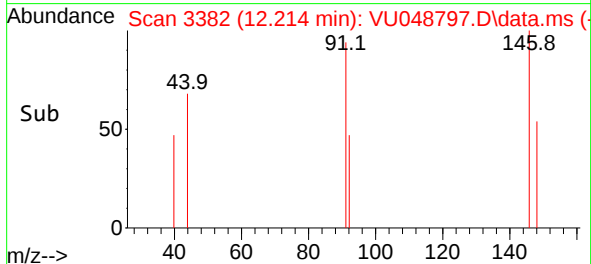
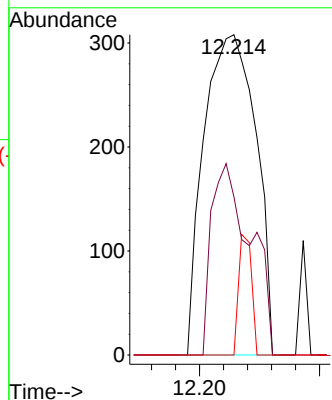
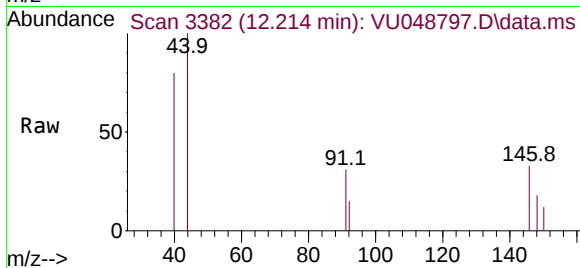
Tgt Ion: 91 Resp: 462

Ion Ratio Lower Upper

91 100

92 0.0 25.9 77.8#

134 9.3 12.5 37.5#



#95

Naphthalene

Concen: 2.827 ug/l

RT: 14.098 min Scan# 3968

Delta R.T. 0.012 min

Lab File: VU048797.D

Acq: 02 Jun 2022 12:28

Tgt Ion:128 Resp: 6179

Ion Ratio Lower Upper

128 100

127 7.9 10.2 15.4#

129 5.3 8.7 13.1#

