

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048961.D
 Acq On : 08 Jun 2022 14:43
 Operator : SY/MD
 Sample : N3143-05RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20220425-SPLP-AMENDED-COMP-ERE

Quant Time: Jun 08 15:34:34 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)

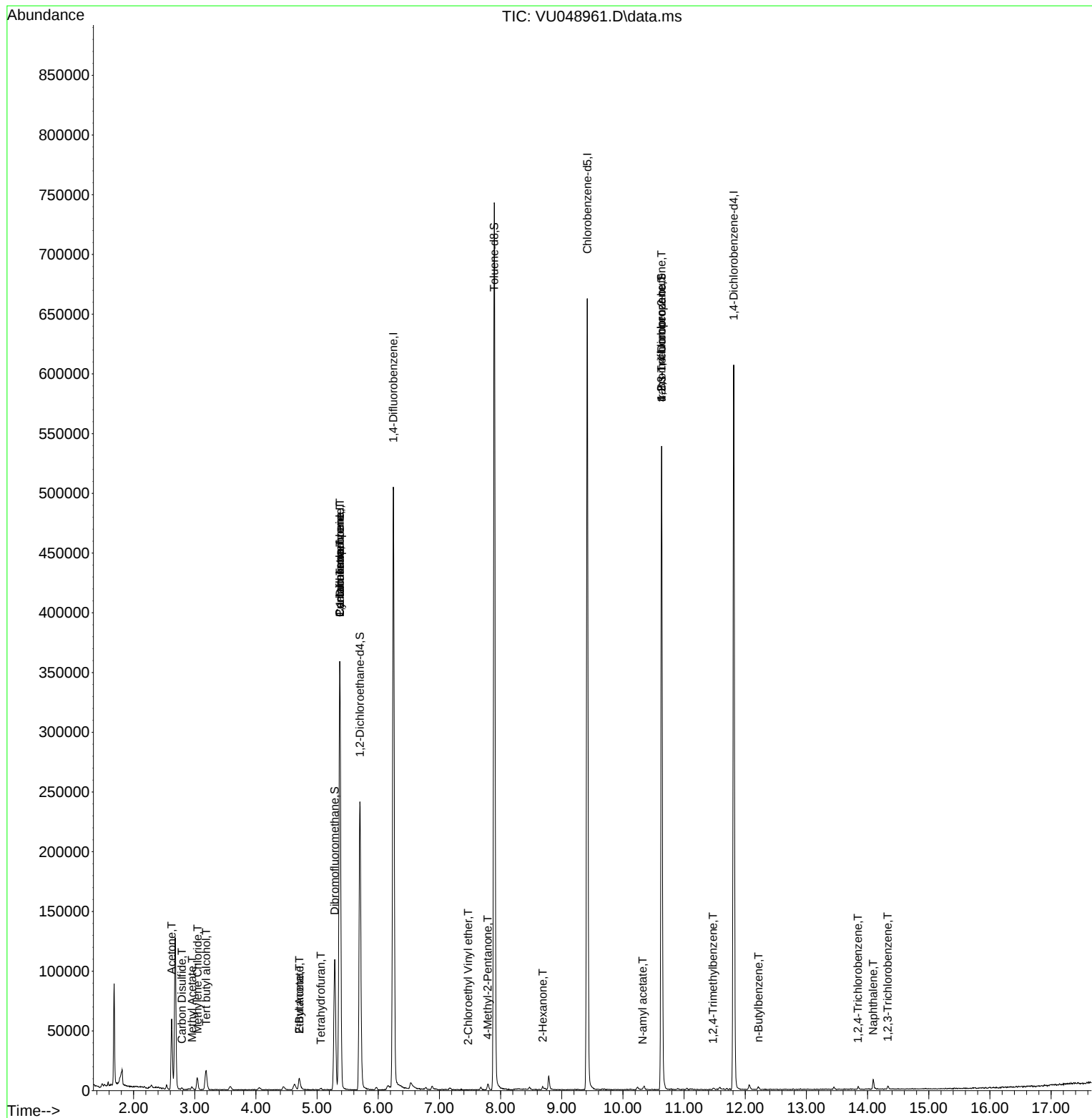
Internal Standards						
1) Pentafluorobenzene	5.372	168	239483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	398759	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	362669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	162640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	185299	51.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.040%			
35) Dibromofluoromethane	5.289	113	71170	25.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 50.040%#			
50) Toluene-d8	7.896	98	490275	48.077	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.160%			
62) 4-Bromofluorobenzene	10.632	95	175386	45.476	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.960%			
Target Compounds					Qvalue	
5) Bromomethane	1.835	94	176	Below Cal	#	83
6) Chloroethane	1.912	64	438	Below Cal	#	43
11) Tert butyl alcohol	3.186	59	10004	10.971	ug/l #	28
13) Acrolein	2.485	56	776	Below Cal	#	64
16) Acetone	2.623	43	64615	35.253	ug/l	99
17) Carbon Disulfide	2.790	76	1457	0.205	ug/l #	75
18) Methyl Acetate	2.954	43	3332	0.724	ug/l #	89
20) Methylene Chloride	3.044	84	4595	1.474	ug/l	92
25) 2-Butanone	4.710	43	14396	5.467	ug/l	98
29) Tetrahydrofuran	5.063	42	778	0.469	ug/l #	62
31) Cyclohexane	5.372	56	5634	1.243	ug/l #	8
36) 1,1-Dichloropropene	5.372	75	20277	4.884	ug/l #	49
37) Ethyl Acetate	4.710	43	14396	2.743	ug/l #	68
38) Carbon Tetrachloride	5.372	117	24998	5.248	ug/l #	16
51) 4-Methyl-2-Pentanone	7.790	43	3802	0.769	ug/l	88
58) 2-Chloroethyl Vinyl ether	7.472	63	20	29.773	ug/l #	47
59) 2-Hexanone	8.690	43	2696	0.664	ug/l #	59
74) N-amyl acetate	10.320	43	264	2.514	ug/l #	53
76) 1,2,3-Trichloropropane	10.632	75	93394	17.810	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	93394	64.666	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.472	105	795	1.266	ug/l #	62
89) n-Butylbenzene	12.214	91	1339	2.321	ug/l	88
93) 1,2,4-Trichlorobenzene	13.841	180	940	0.256	ug/l #	75
95) Naphthalene	14.092	128	7585	3.095	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.330	180	1167	0.321	ug/l	96

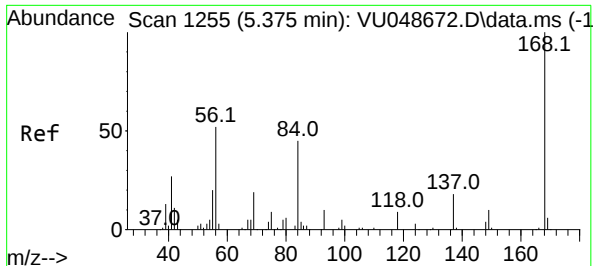
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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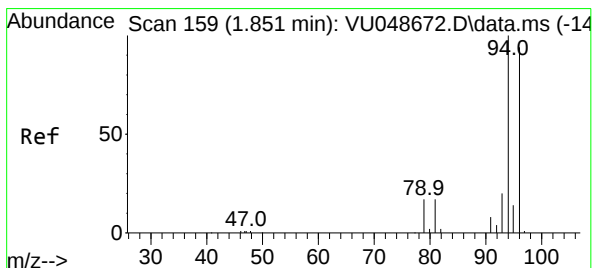
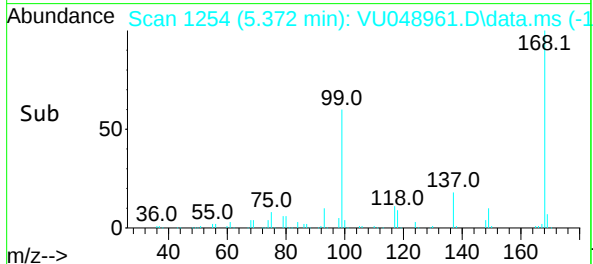
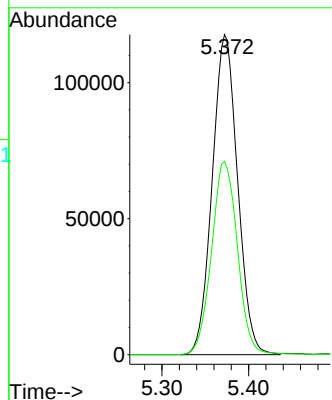
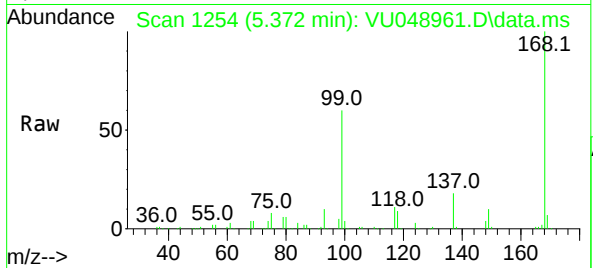




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

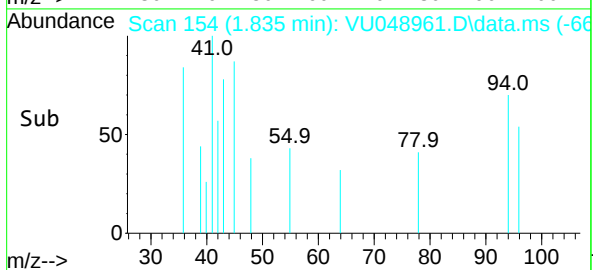
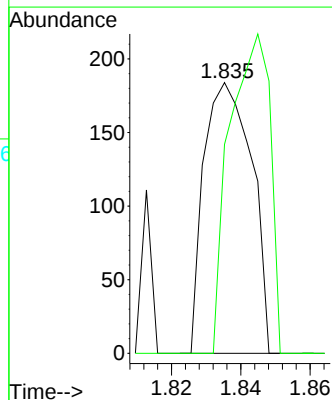
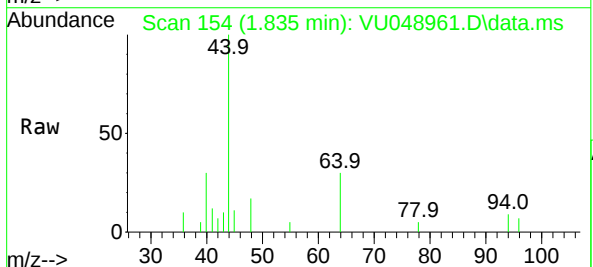
Instrument :
MSVOA_U
ClientSampleId :
20220425-SPLP-AMENDED-COMP-ERE

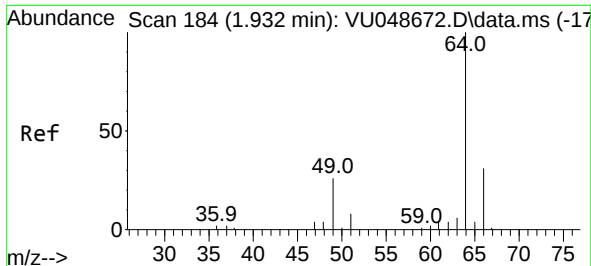
Tgt Ion:168 Resp: 239483
Ion Ratio Lower Upper
168 100
99 60.3 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.835 min Scan# 154
Delta R.T. -0.016 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 77.2 75.1 112.7

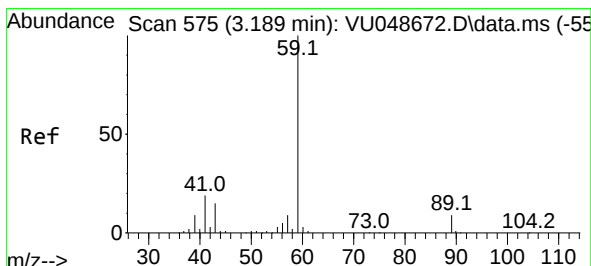
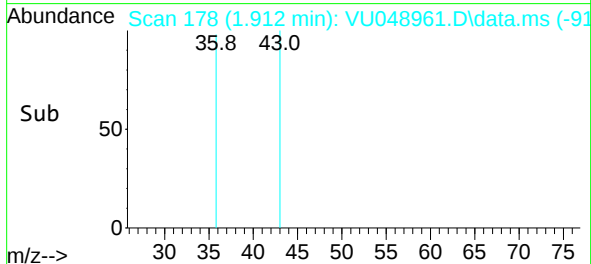
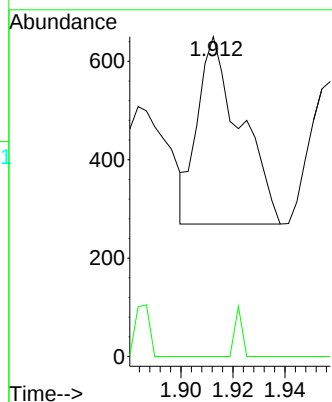
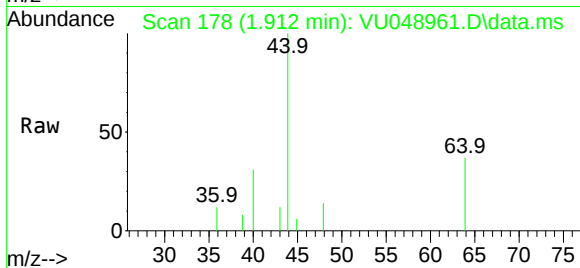




#6
Chloroethane
Concen: Below Cal
RT: 1.912 min Scan# 11
Delta R.T. -0.020 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

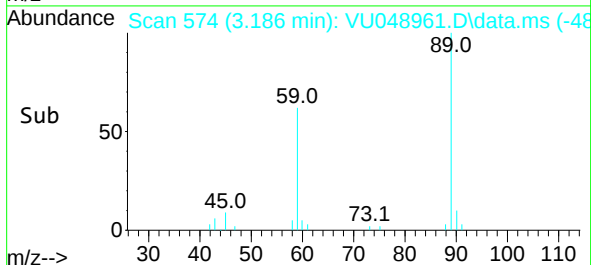
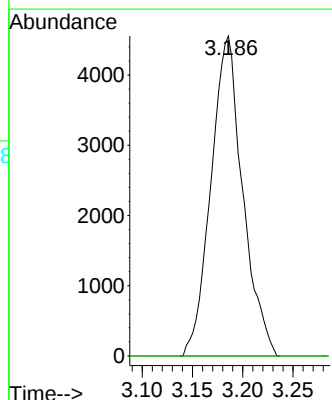
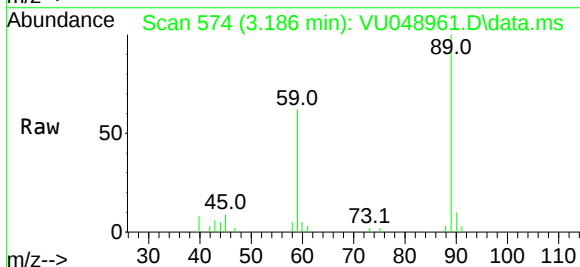
Instrument :
MSVOA_U
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20220425-SPLP-AMENDED-COMP-ERE

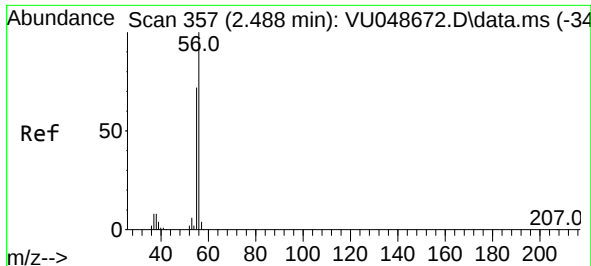
Tgt Ion: 64 Resp: 438
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#11
Tert butyl alcohol
Concen: 10.971 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 59 Resp: 10004
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

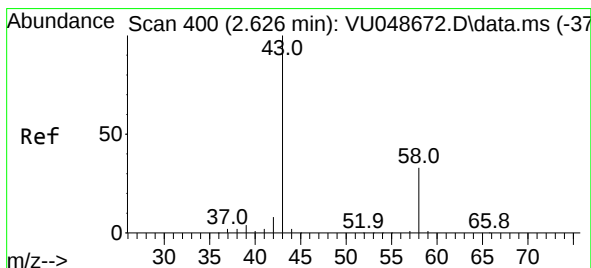
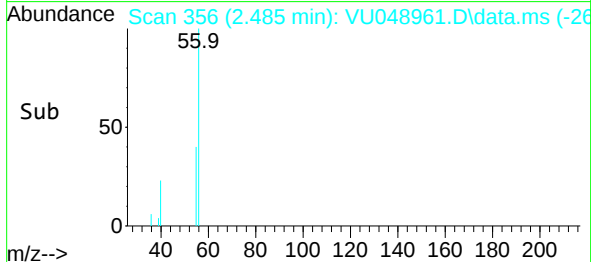
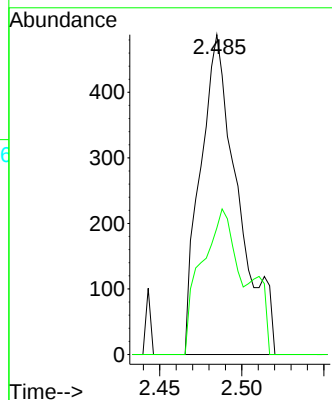
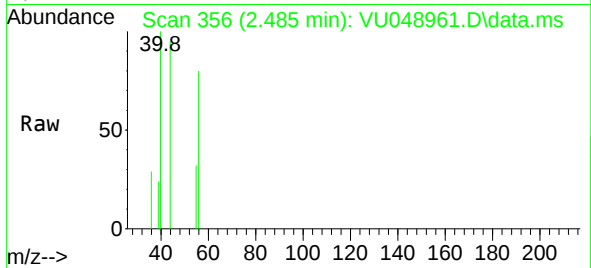




#13
Acrolein
Concen: Below Cal
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

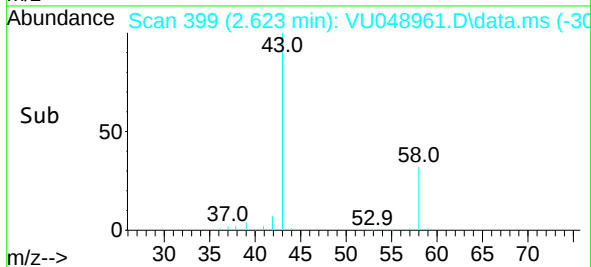
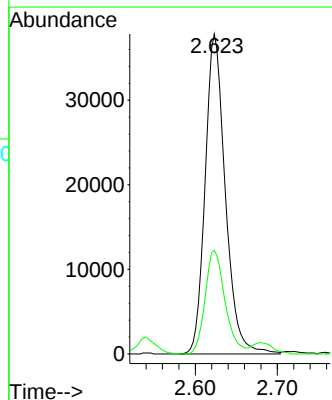
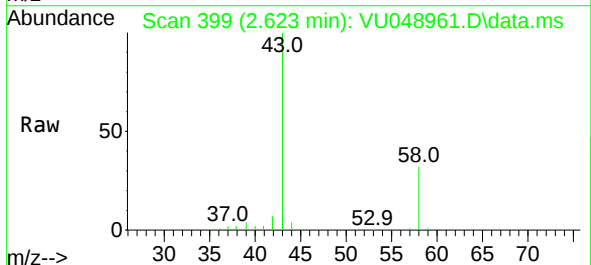
Instrument :
MSVOA_U
ClientSampleId :
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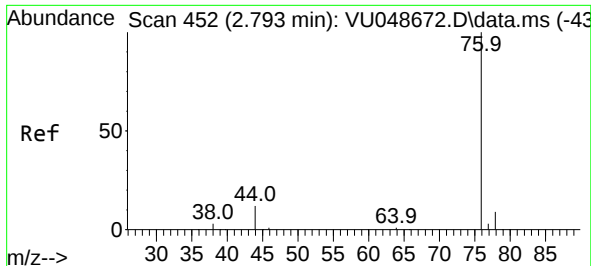
Tgt Ion: 56 Resp: 776
Ion Ratio Lower Upper
56 100
55 42.4 57.7 86.5#



#16
Acetone
Concen: 35.253 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 43 Resp: 64615
Ion Ratio Lower Upper
43 100
58 32.4 26.3 39.5

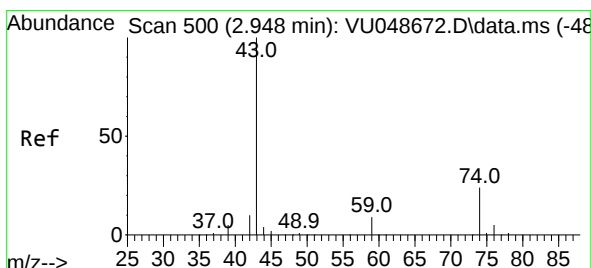
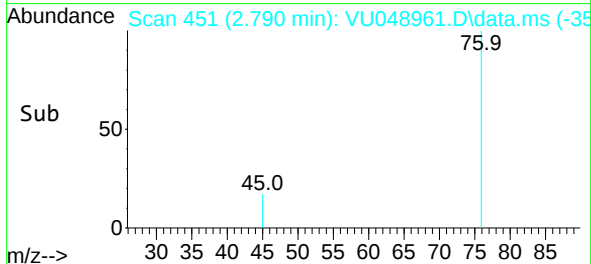
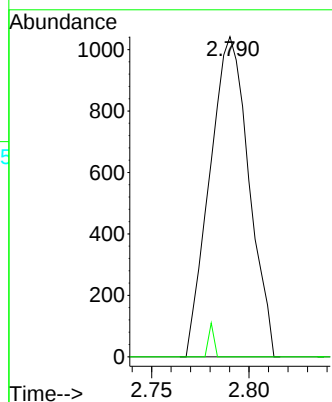
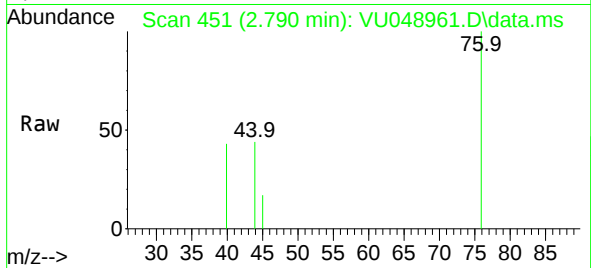




#17
Carbon Disulfide
Concen: 0.205 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

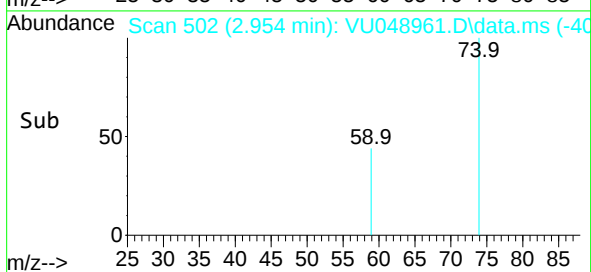
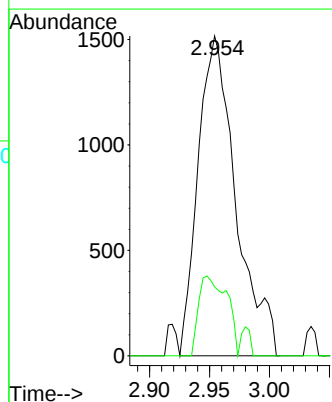
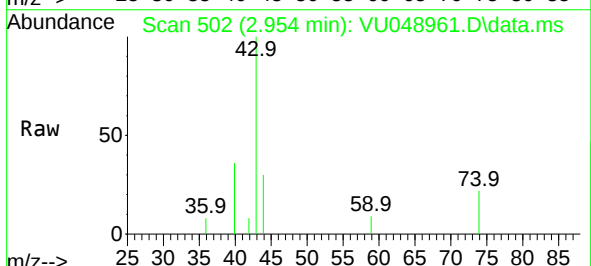
Instrument :
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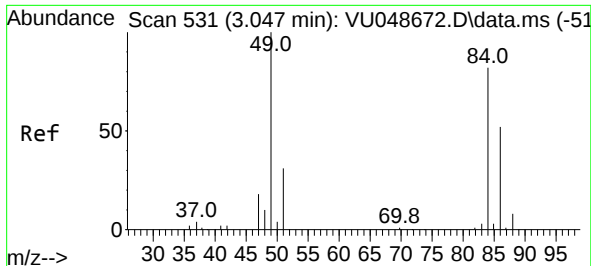
Tgt Ion: 76 Resp: 1457
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.724 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 43 Resp: 3332
Ion Ratio Lower Upper
43 100
74 18.5 19.2 28.8#

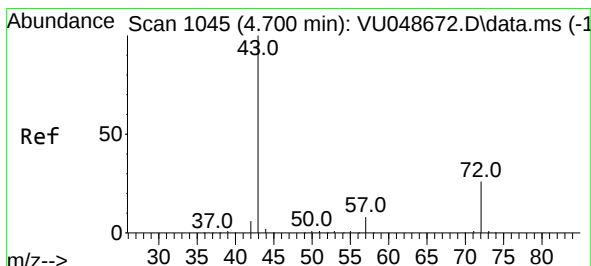
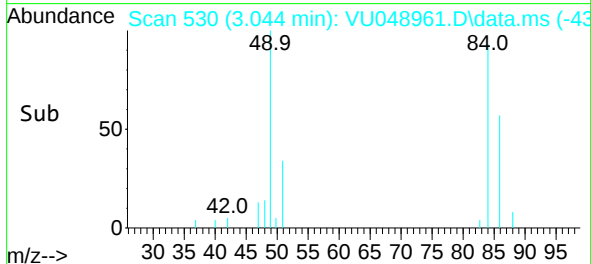
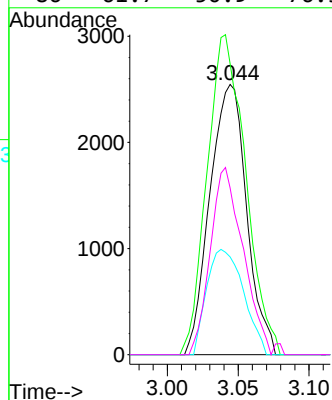
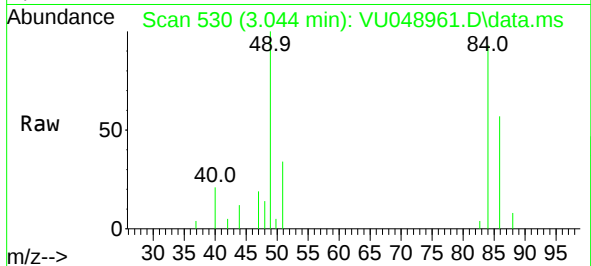




#20
Methylene Chloride
Concen: 1.474 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

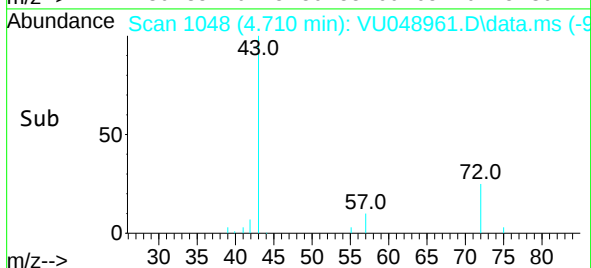
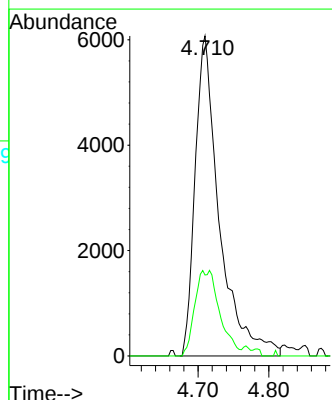
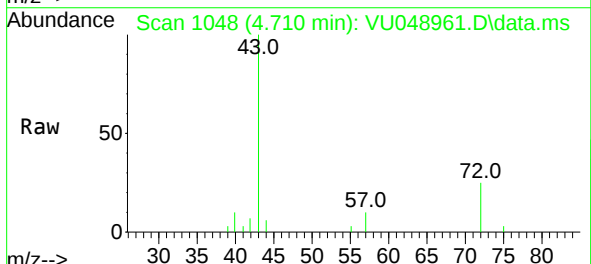
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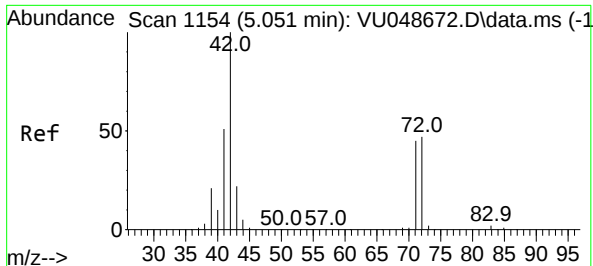
Tgt Ion: 84	Resp: 4595
Ion Ratio	Lower Upper
84 100	
49 107.6	97.0 145.4
51 36.2	29.8 44.8
86 61.7	50.9 76.3



#25
2-Butanone
Concen: 5.467 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 43	Resp: 14396
Ion Ratio	Lower Upper
43 100	
72 25.3	21.1 31.7

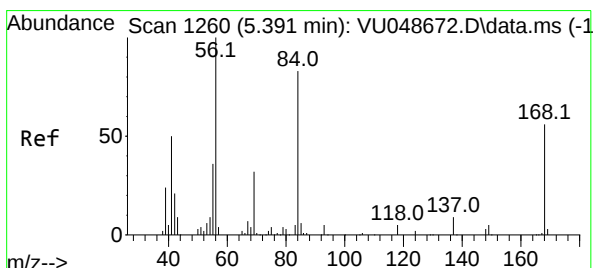
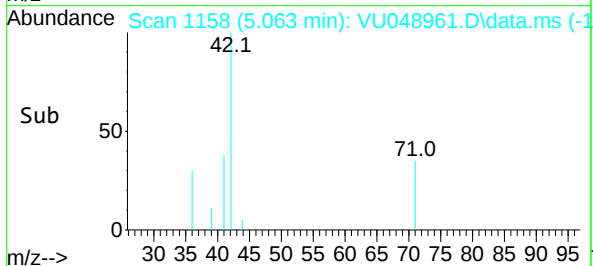
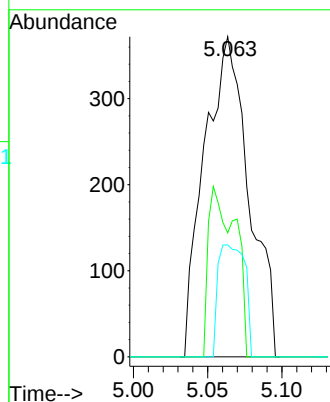
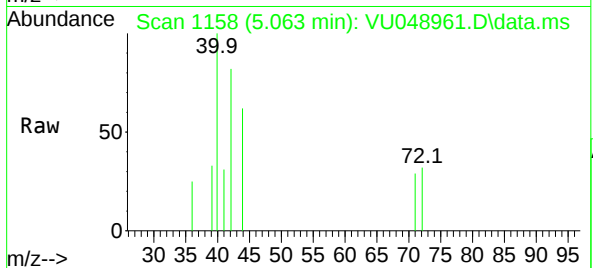




#29
Tetrahydrofuran
Concen: 0.469 ug/l
RT: 5.063 min Scan# 1154
Delta R.T. 0.013 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

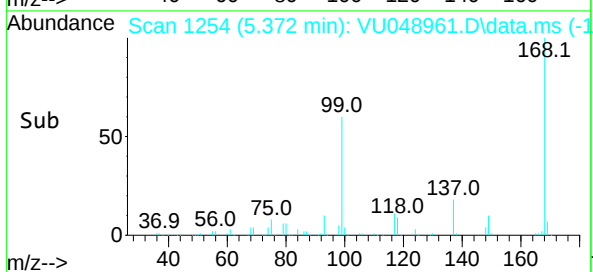
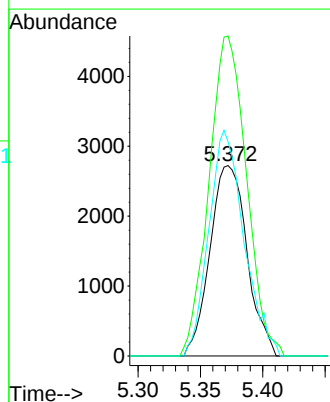
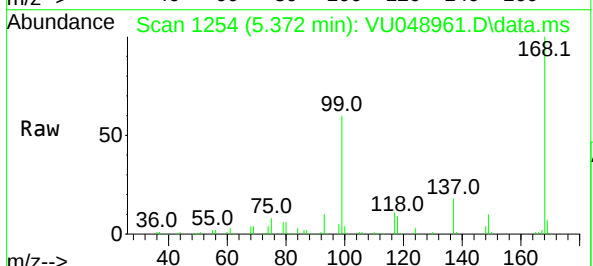
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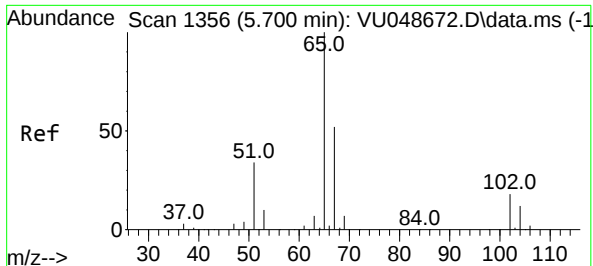
Tgt Ion: 42	Resp: 778
Ion Ratio	Lower Upper
42 100	
72 20.7	37.6 56.4#
71 20.8	35.0 52.4#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 56	Resp: 5634		
Ion Ratio	Lower	Upper	
56 100			
69 168.0	25.6	38.4#	
84 112.5	66.2	99.4#	





#33

1,2-Dichloroethane-d4

Concen: 51.521 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048961.D

Acq: 08 Jun 2022 14:43

Instrument :

MSVOA_U

ClientSampleId :

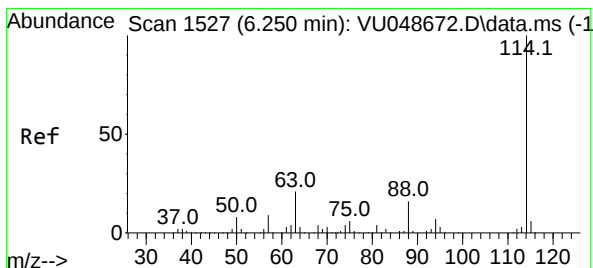
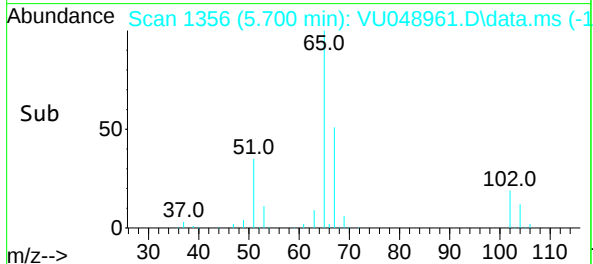
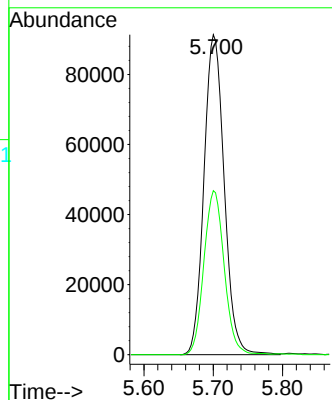
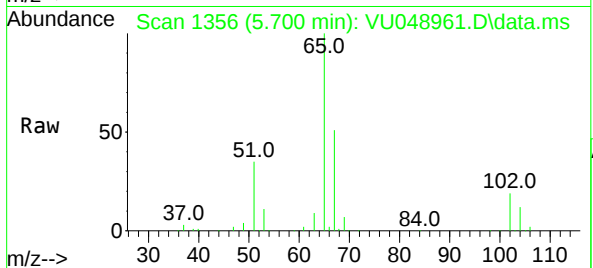
20220425-SPLP-AMENDED-COMP-ERE

Tgt Ion: 65 Resp: 185299

Ion Ratio Lower Upper

65 100

67 51.4 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: VU048961.D

Acq: 08 Jun 2022 14:43

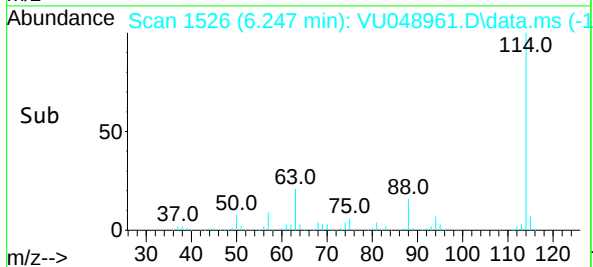
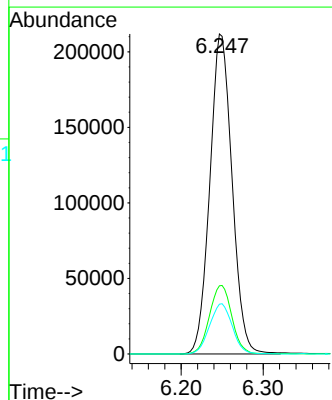
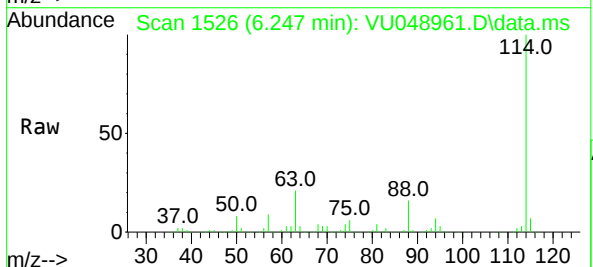
Tgt Ion: 114 Resp: 398759

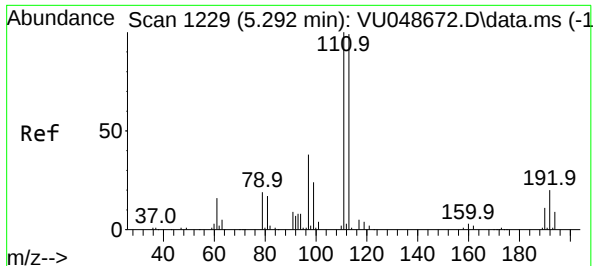
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.6 0.0 32.2

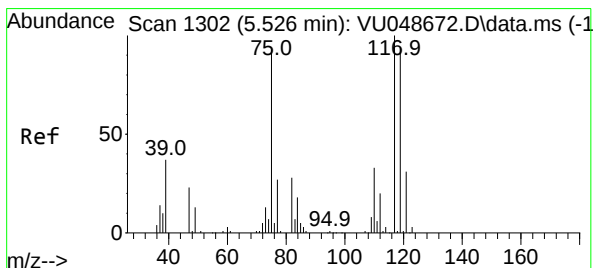
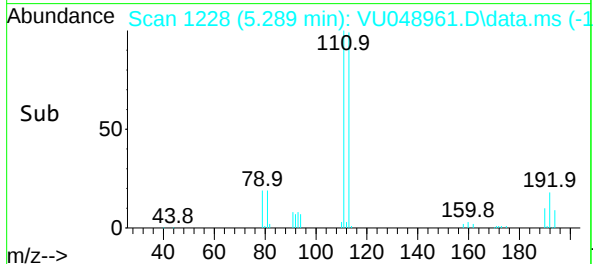
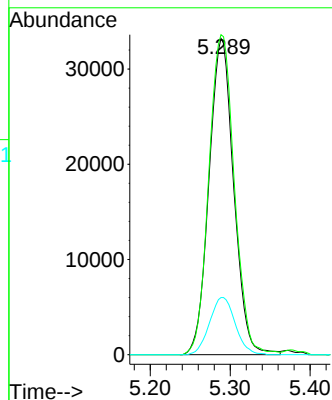
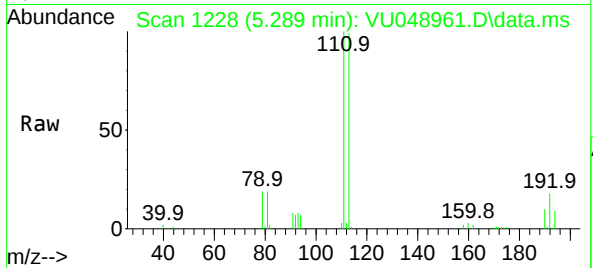




#35
Dibromofluoromethane
Concen: 25.017 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

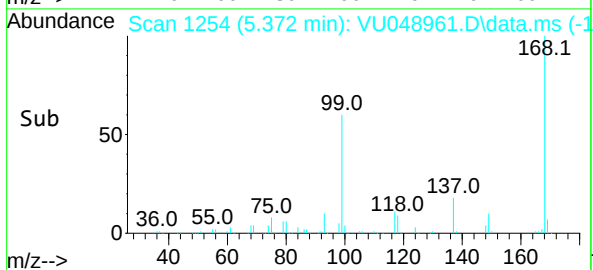
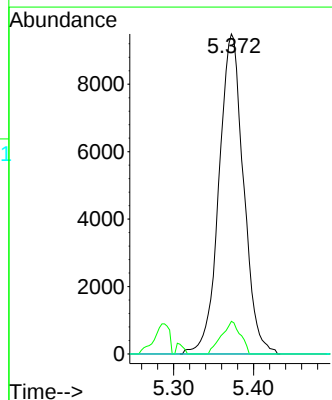
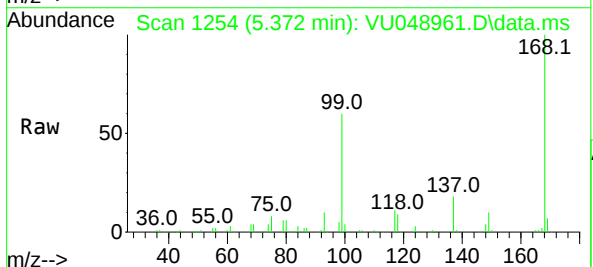
Instrument : MSVOA_U
ClientSampleId : 20220425-SPLP-AMENDED-COMP-ERE

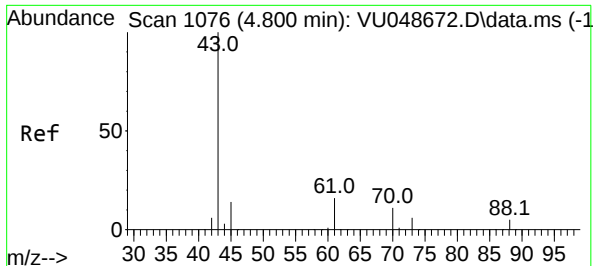
Tgt Ion:113 Resp: 71170
Ion Ratio Lower Upper
113 100
111 104.5 80.7 121.1
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 75 Resp: 20277
Ion Ratio Lower Upper
75 100
110 7.8 17.4 52.3#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.743 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.090 min

Lab File: VU048961.D

Acq: 08 Jun 2022 14:43

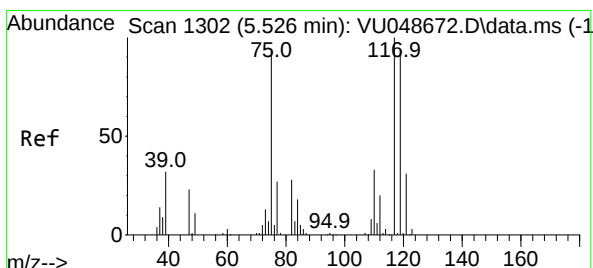
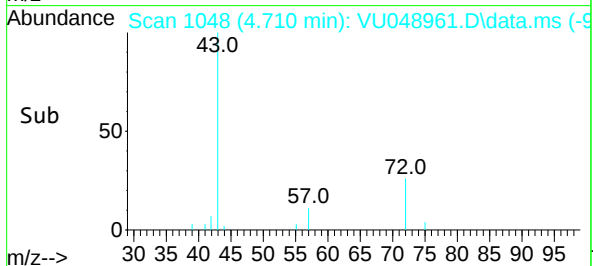
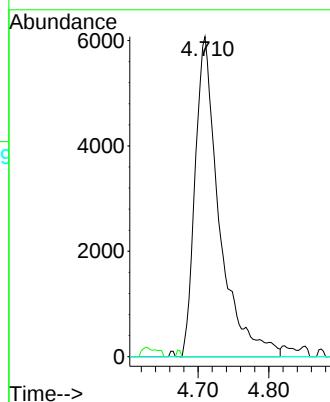
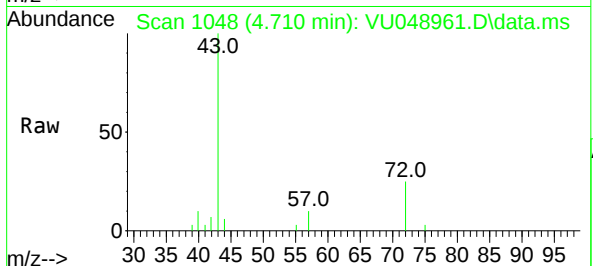
Instrument :

MSVOA_U

ClientSampleId :

20220425-SPLP-AMENDED-COMP-ERE

Tgt Ion: 43	Resp: 14396
Ion Ratio	Lower Upper
43 100	
61 0.0	11.7 17.5#
70 0.0	8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.248 ug/l

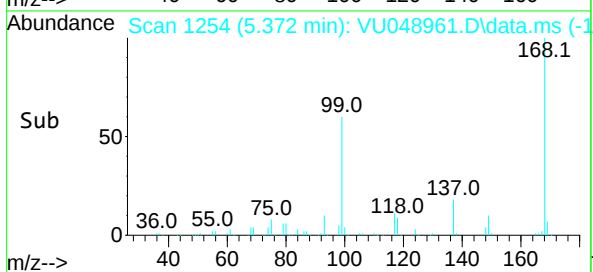
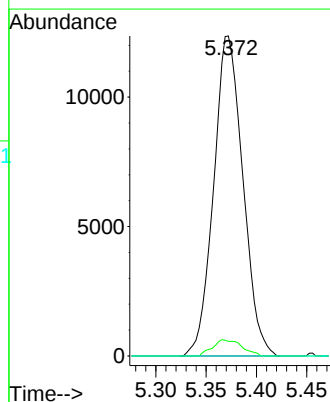
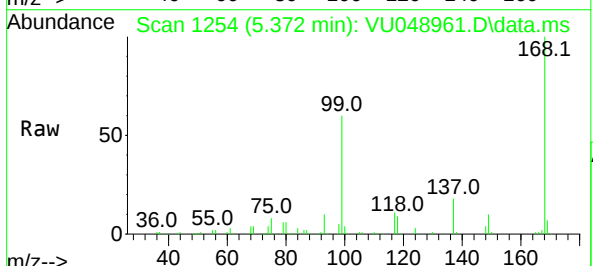
RT: 5.372 min Scan# 1254

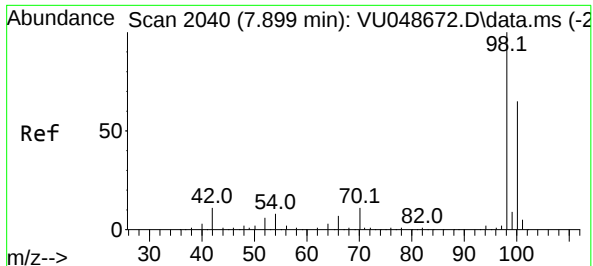
Delta R.T. -0.154 min

Lab File: VU048961.D

Acq: 08 Jun 2022 14:43

Tgt Ion: 117	Resp: 24998
Ion Ratio	Lower Upper
117 100	
119 4.6	75.4 113.2#
121 0.0	24.6 36.8#

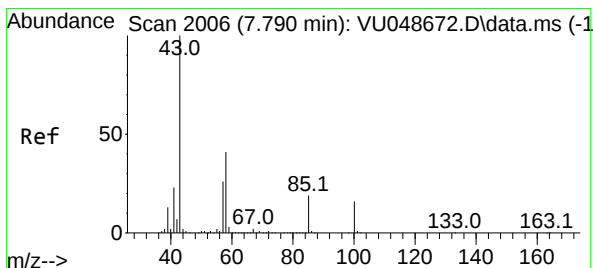
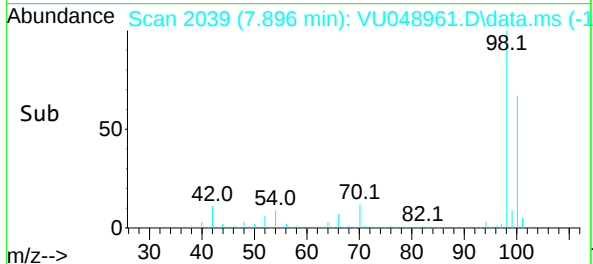
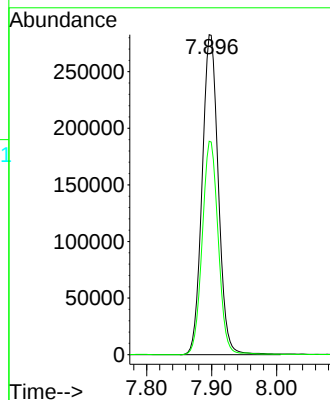
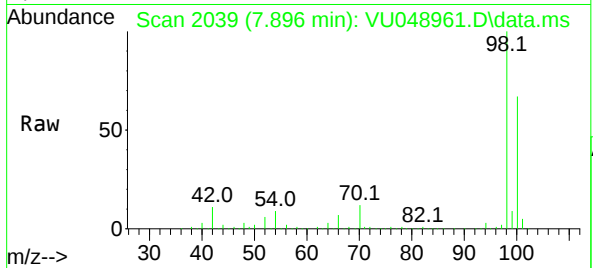




#50
Toluene-d8
Concen: 48.077 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

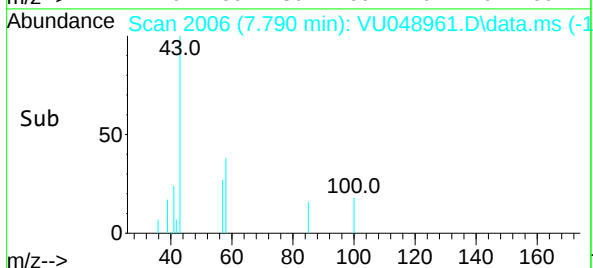
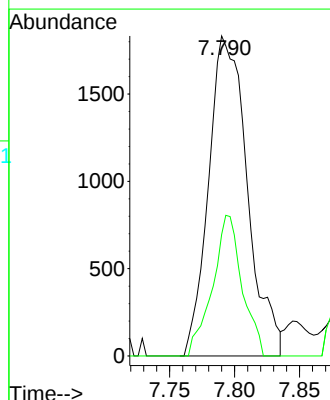
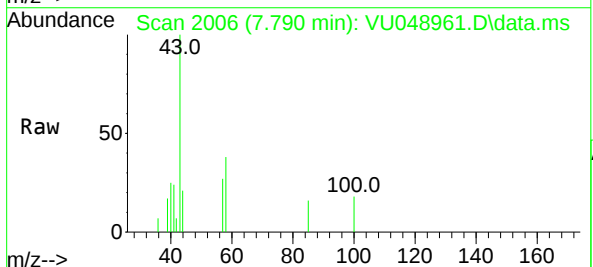
Instrument : MSVOA_U
ClientSampleId : 20220425-SPLP-AMENDED-COMP-ERE

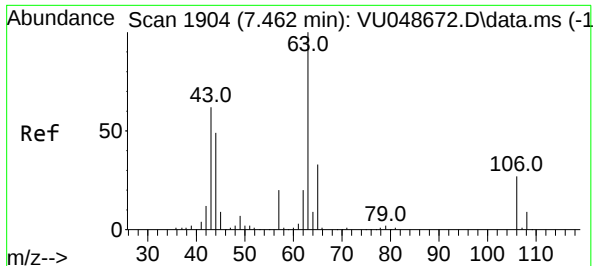
Tgt Ion: 98 Resp: 490275
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.769 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 43 Resp: 3802
Ion Ratio Lower Upper
43 100
58 33.5 32.7 49.1

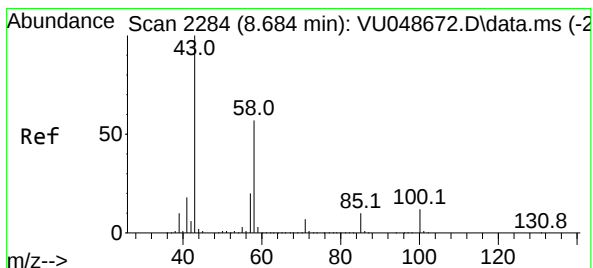
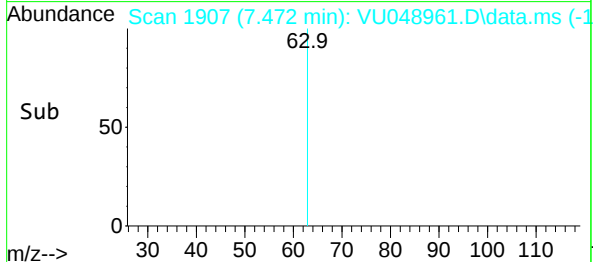
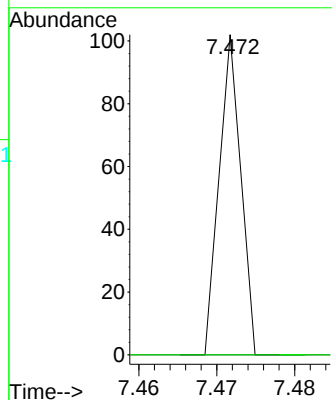
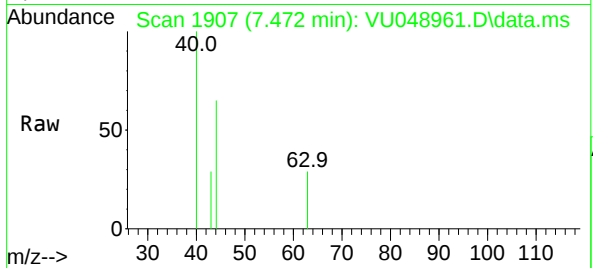




#58
2-Chloroethyl Vinyl ether
Concen: 29.773 ug/l
RT: 7.472 min Scan# 1904
Delta R.T. 0.010 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

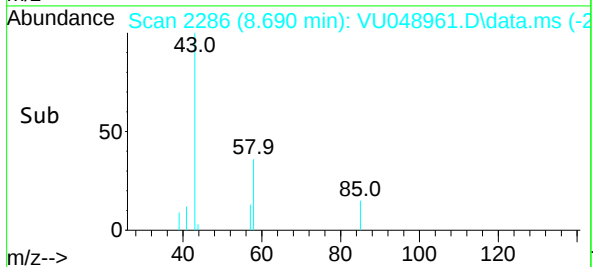
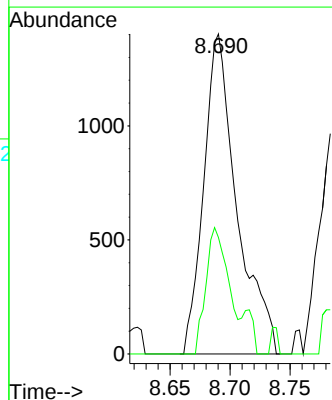
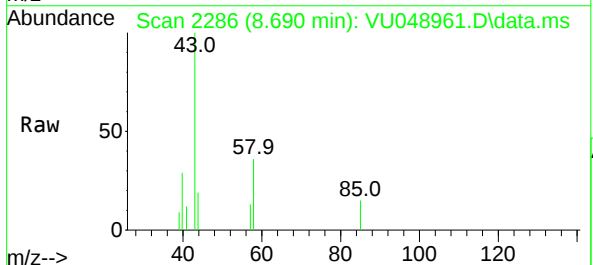
Instrument : MSVOA_U
ClientSampleId : 20220425-SPLP-AMENDED-COMP-ERE

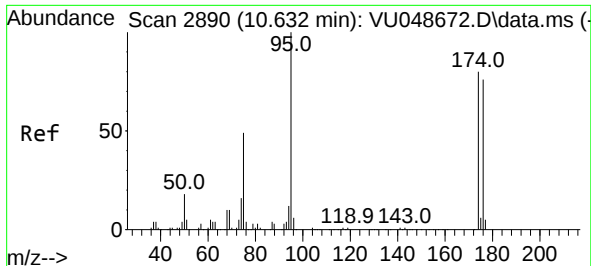
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 0.664 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
58 26.5 28.2 84.6#

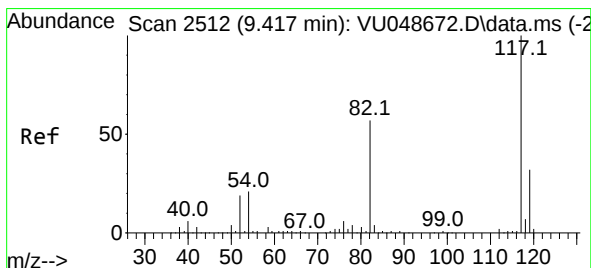
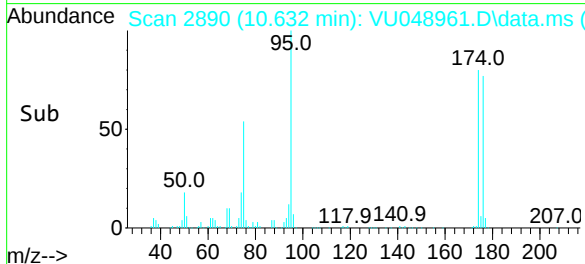
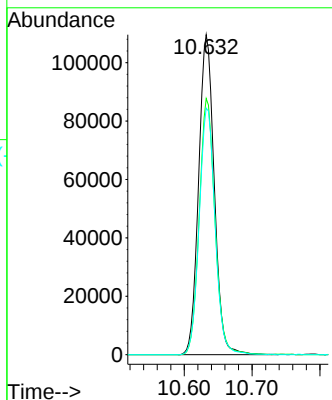
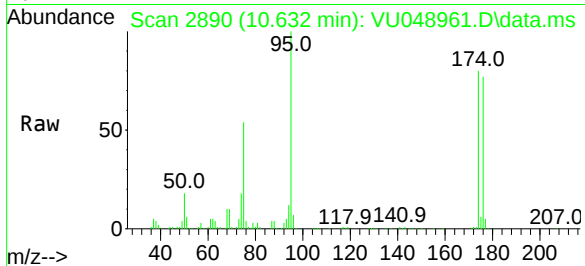




#62
4-Bromofluorobenzene
Concen: 45.476 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

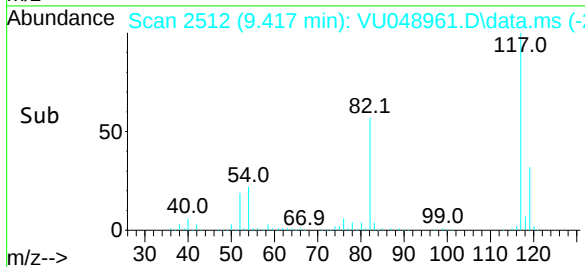
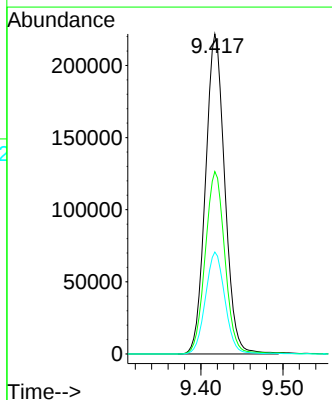
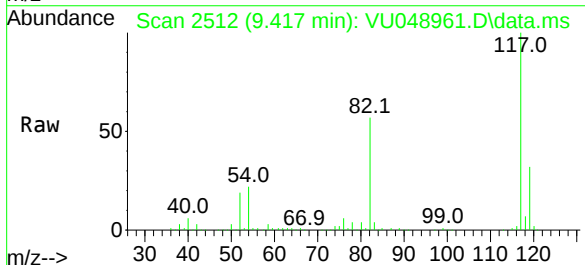
Instrument : MSVOA_U
ClientSampleId : 20220425-SPLP-AMENDED-COMP-ERE

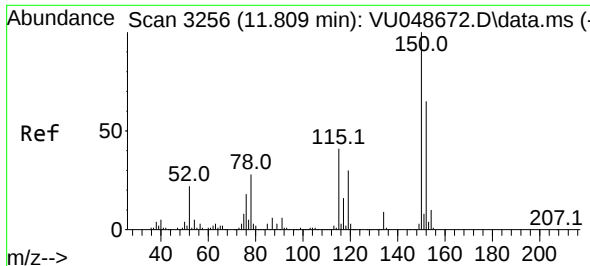
Tgt Ion: 95 Resp: 175386
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.4
176 78.2 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

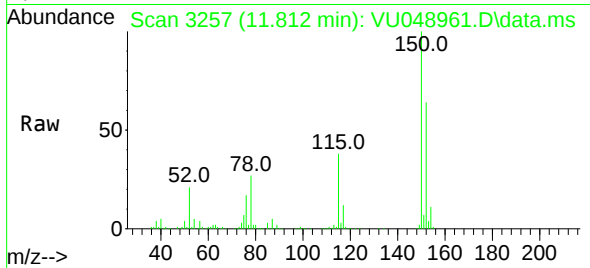
Tgt Ion: 117 Resp: 362669
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 31.8 25.4 38.2



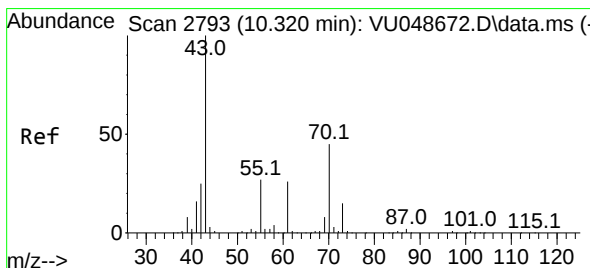
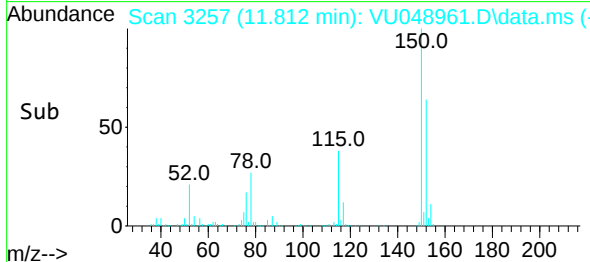
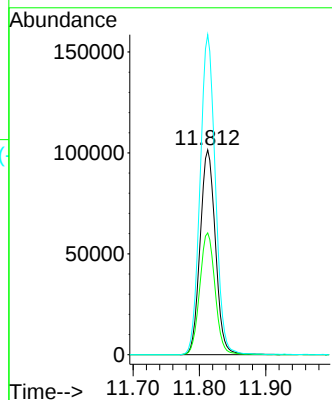


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Instrument :
MSVOA_U
ClientSampleId :
20220425-SPLP-AMENDED-COMP-ERE

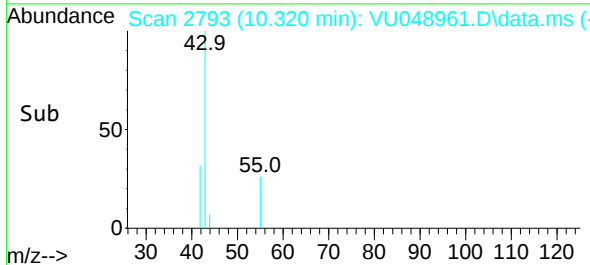
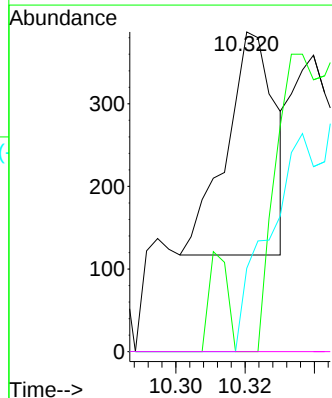
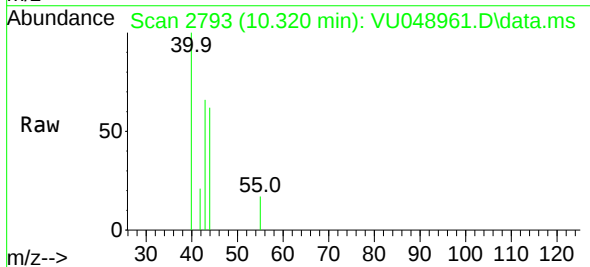


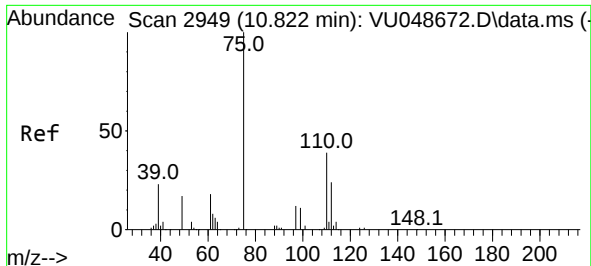
Tgt Ion:152 Resp: 162640
Ion Ratio Lower Upper
152 100
115 59.6 41.8 125.4
150 155.8 0.0 341.0



#74
N-ethyl acetate
Concen: 2.514 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
70 16.7 35.8 53.6#
55 0.0 21.1 31.7#
61 0.0 20.2 30.4#

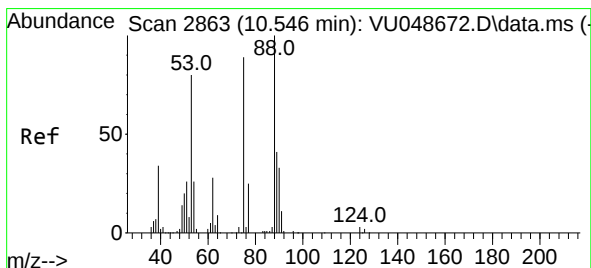
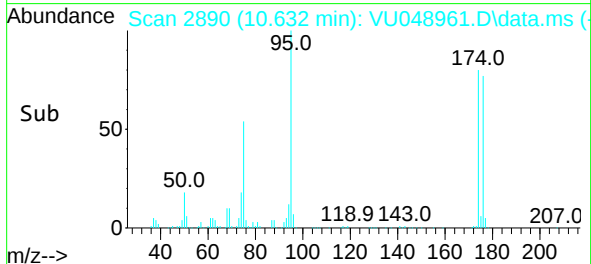
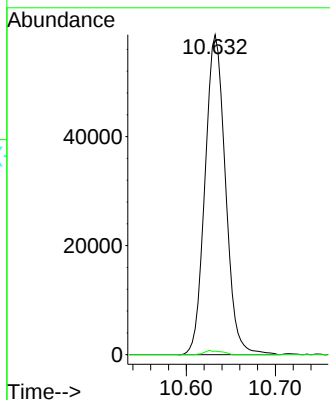
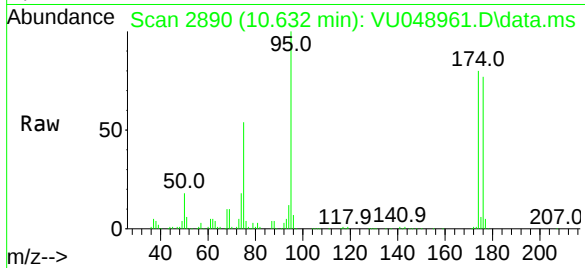




#76
1,2,3-Trichloropropane
Concen: 17.810 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

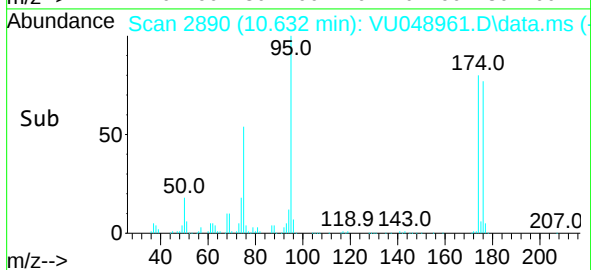
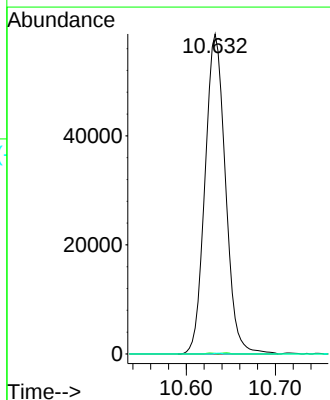
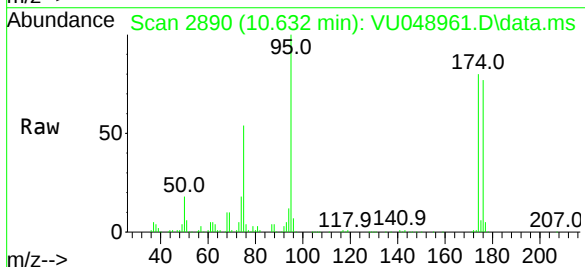
Instrument : MSVOA_U
ClientSampleId : 20220425-SPLP-AMENDED-COMP-ERE

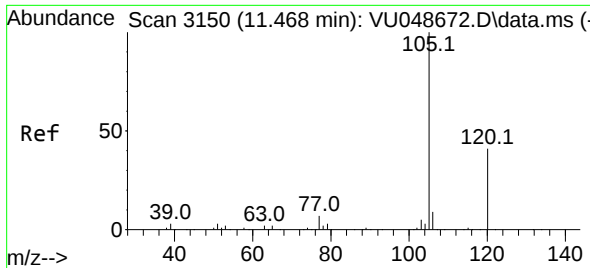
Tgt Ion: 75 Resp: 93394
Ion Ratio Lower Upper
75 100
77 1.1 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.666 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 75 Resp: 93394
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.1 37.0 55.4#

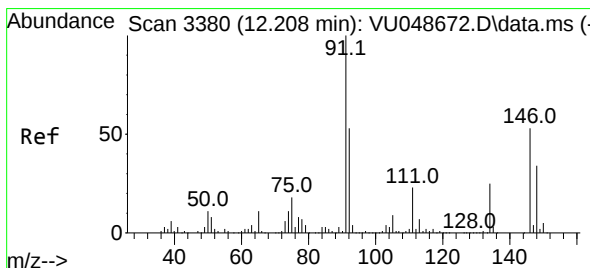
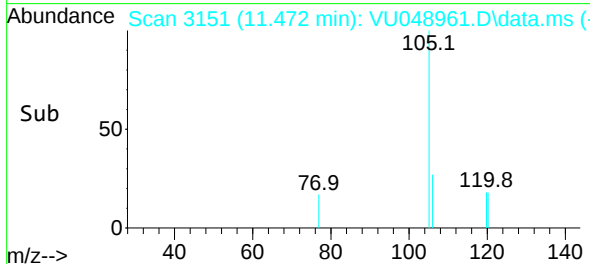
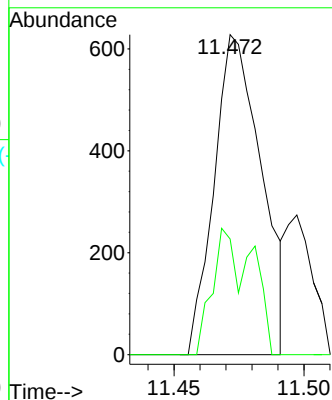
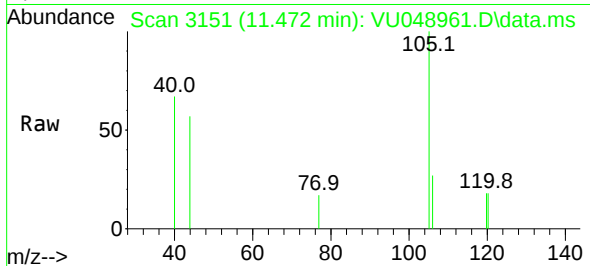




#84
1,2,4-Trimethylbenzene
Concen: 1.266 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

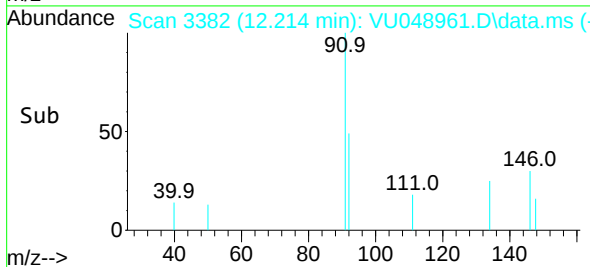
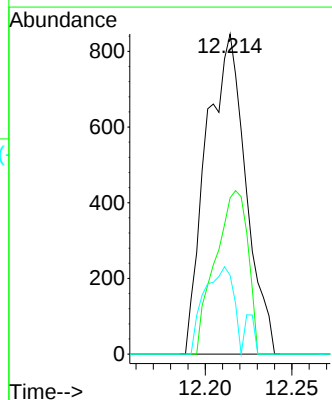
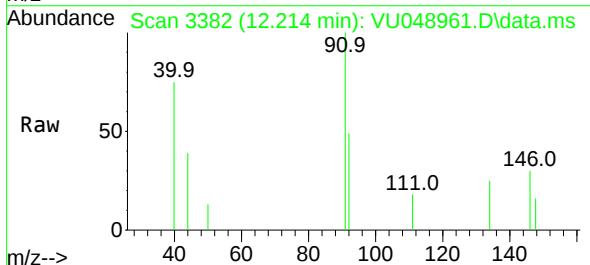
Instrument : MSVOA_U
ClientSampleId : 20220425-SPLP-AMENDED-COMP-ERE

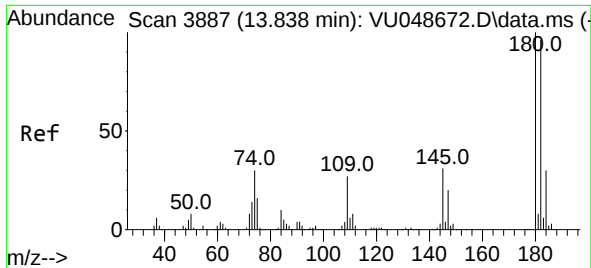
Tgt Ion:105 Resp: 795
Ion Ratio Lower Upper
105 100
120 19.9 22.5 67.5#



#89
n-Butylbenzene
Concen: 2.321 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.006 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

Tgt Ion: 91 Resp: 1339
Ion Ratio Lower Upper
91 100
92 42.0 25.9 77.8
134 20.4 12.5 37.5

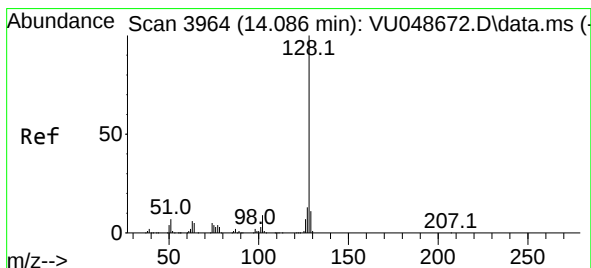
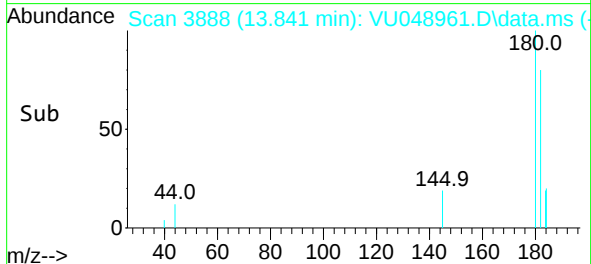
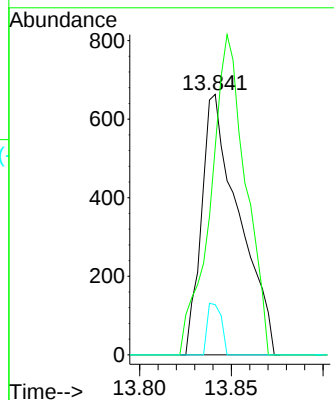
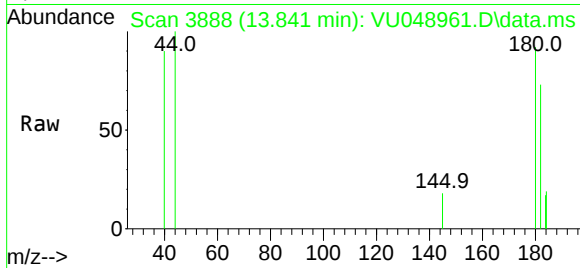




#93
1,2,4-Trichlorobenzene
Concen: 0.256 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

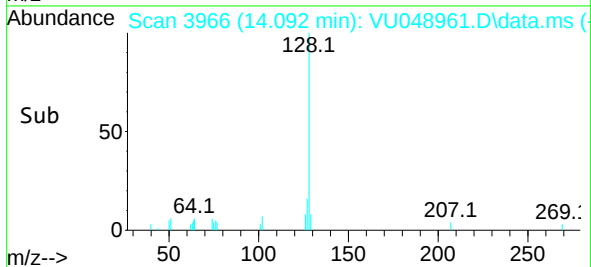
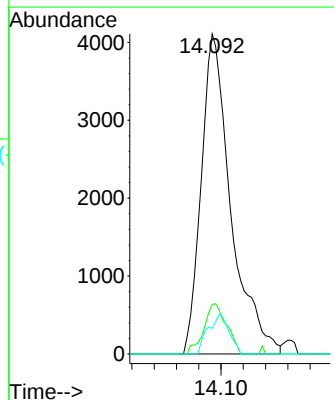
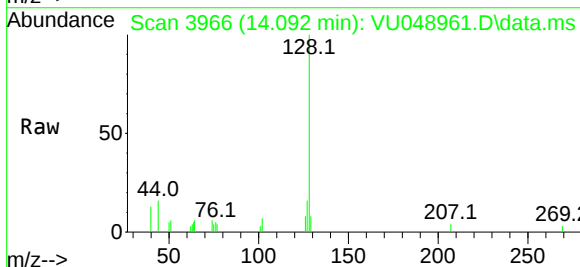
Instrument : MSVOA_U
ClientSampleId : 20220425-SPLP-AMENDED-COMP-ERE

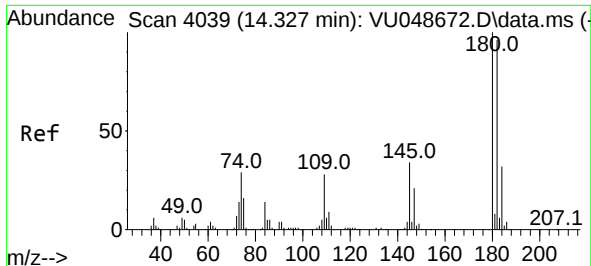
Tgt Ion:180 Resp: 940
Ion Ratio Lower Upper
180 100
182 115.6 48.3 144.9
145 7.3 15.6 46.7#



#95
Naphthalene
Concen: 3.095 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU048961.D
Acq: 08 Jun 2022 14:43

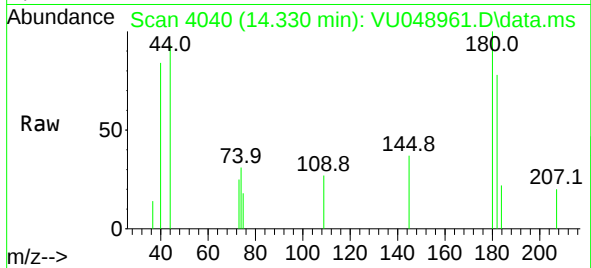
Tgt Ion:128 Resp: 7585
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 8.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.321 ug/l
 RT: 14.330 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU048961.D
 Acq: 08 Jun 2022 14:43

Instrument :
 MSVOA_U
 ClientSampleId :
 20220425-SPLP-AMENDED-COMP-ERE



Tgt Ion:180 Resp: 1167
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.4 142.2
 145 26.6 16.6 49.8

