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 Data File : VU048896.D
 Acq On : 06 Jun 2022 20:38
 Operator : SY/MD
 Sample : N3170-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20220424-SPLP-AMENDED-COMPOSITE-DRE

Quant Time: Jun 07 05:21:51 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

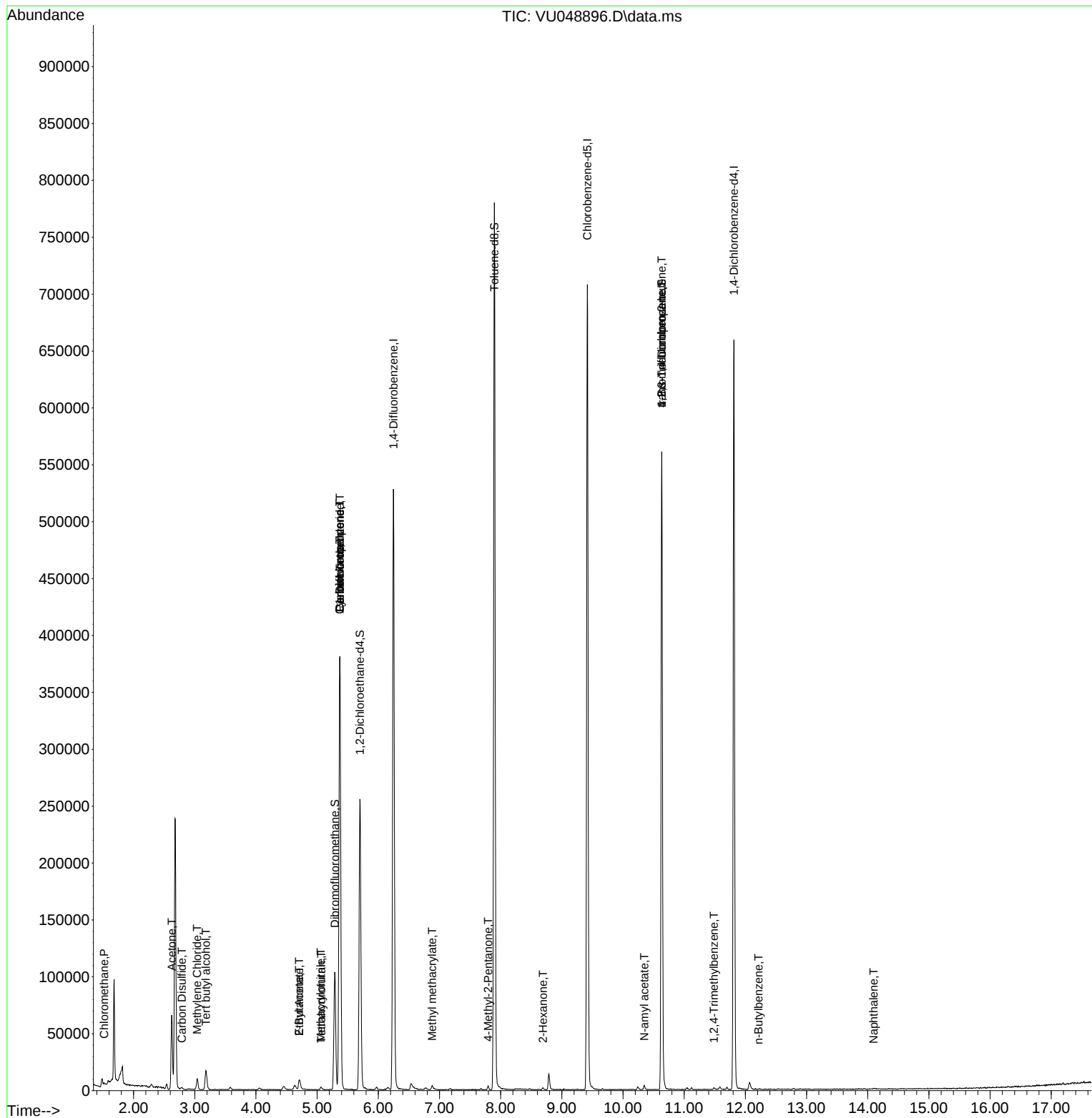
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.372	168	256677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	422662	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	388417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	176025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	197167	51.148	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.300%
35) Dibromofluoromethane	5.288	113	66488	22.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	44.100%#
50) Toluene-d8	7.896	98	514331	47.584	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.160%
62) 4-Bromofluorobenzene	10.632	95	186478	45.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	1236	0.327	ug/l	89
5) Bromomethane	1.832	94	291	Below Cal	#	78
6) Chloroethane	1.903	64	412	Below Cal		91
11) Tert butyl alcohol	3.182	59	10034	10.267	ug/l #	29
13) Acrolein	2.485	56	494	Below Cal		93
16) Acetone	2.623	43	70458	35.866	ug/l	100
17) Carbon Disulfide	2.790	76	2021	0.265	ug/l	98
20) Methylene Chloride	3.038	84	4674	1.399	ug/l	94
25) 2-Butanone	4.706	43	13670	4.844	ug/l	93
29) Tetrahydrofuran	5.070	42	1348	0.758	ug/l #	75
31) Cyclohexane	5.369	56	5725	1.178	ug/l #	10
36) 1,1-Dichloropropene	5.369	75	21302	4.840	ug/l #	50
37) Ethyl Acetate	4.706	43	13670	2.457	ug/l #	68
38) Carbon Tetrachloride	5.372	117	27498	5.446	ug/l #	17
41) Methacrylonitrile	5.060	41	1052	0.374	ug/l #	36
48) Methyl methacrylate	6.880	41	942	0.260	ug/l #	33
51) 4-Methyl-2-Pentanone	7.796	43	2145	0.409	ug/l	97
59) 2-Hexanone	8.690	43	1266	0.294	ug/l	78
74) N-amyl acetate	10.349	43	829	2.604	ug/l #	34
76) 1,2,3-Trichloropropane	10.632	75	97545	17.187	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	97545	62.404	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.484	105	699	1.251	ug/l #	31
89) n-Butylbenzene	12.214	91	215	2.206	ug/l #	34
95) Naphthalene	14.095	128	933	2.597	ug/l #	69

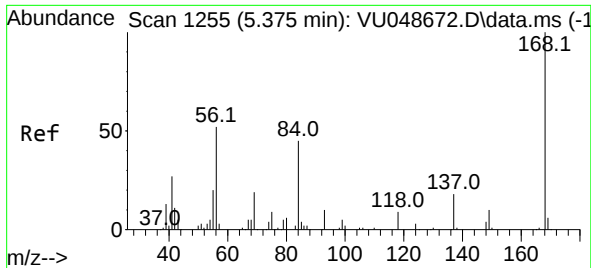
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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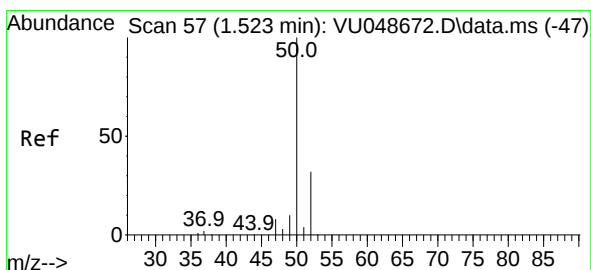
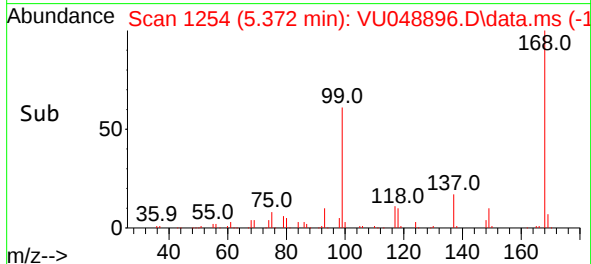
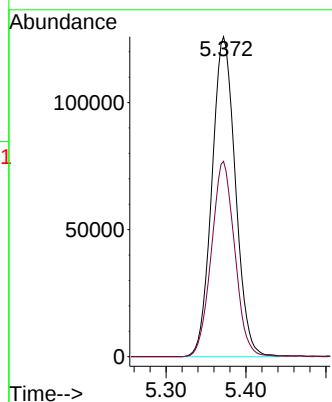
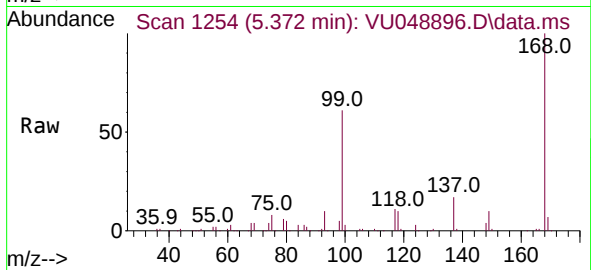




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

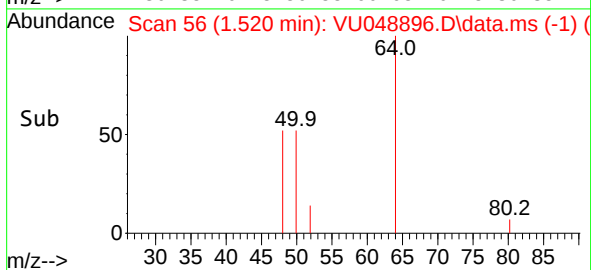
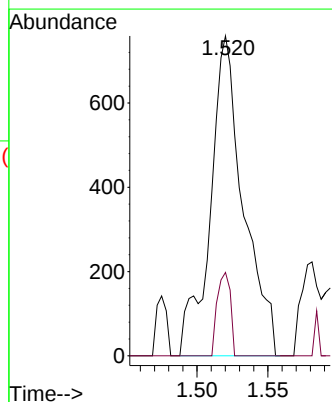
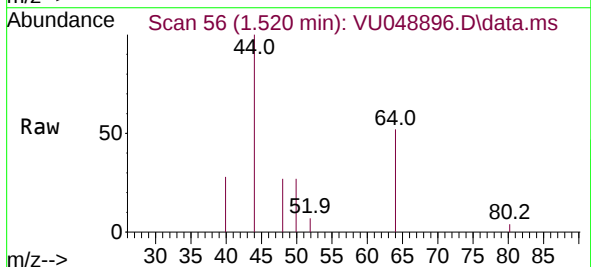
Instrument :
MSVOA_U
ClientSampleId :
20220424-SPLP-AMENDED-COMPOSITE-DRE

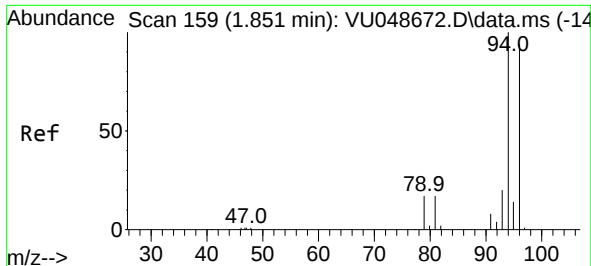
Tgt Ion:168 Resp: 256677
Ion Ratio Lower Upper
168 100
99 61.0 49.3 73.9



#3
Chloromethane
Concen: 0.327 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion: 50 Resp: 1236
Ion Ratio Lower Upper
50 100
52 26.1 25.7 38.5

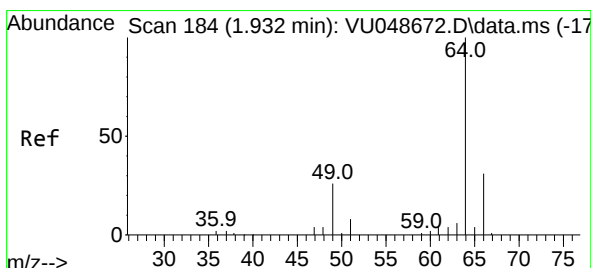
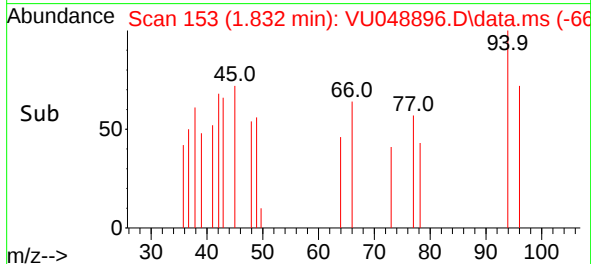
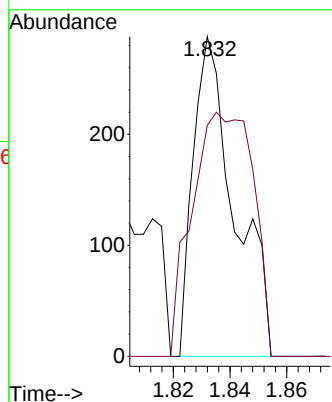
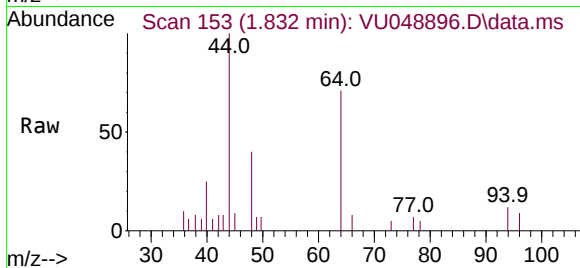




#5
Bromomethane
Concen: Below Cal
RT: 1.832 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

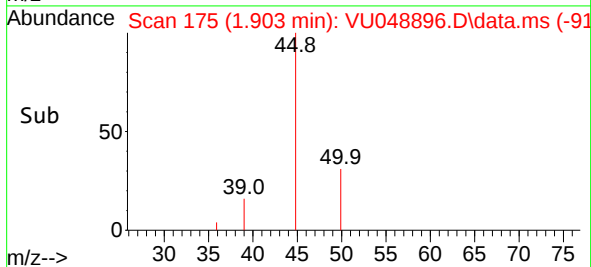
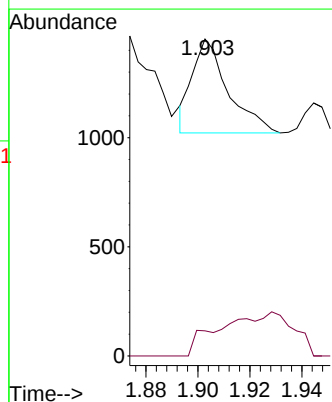
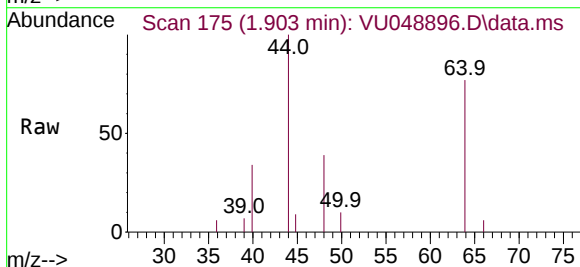
Instrument : MSVOA_U
ClientSampleId : 20220424-SPLP-AMENDED-COMPOSITE-DRE

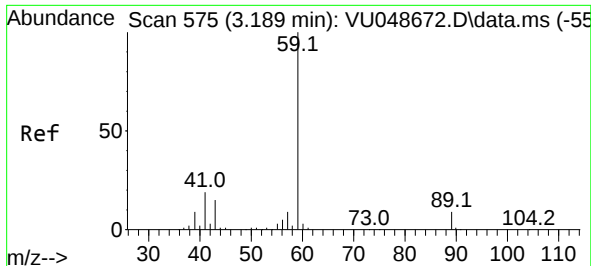
Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 72.2 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.903 min Scan# 175
Delta R.T. -0.029 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion: 64 Resp: 412
Ion Ratio Lower Upper
64 100
66 26.7 25.2 37.8

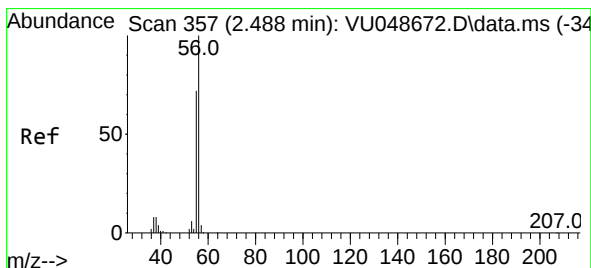
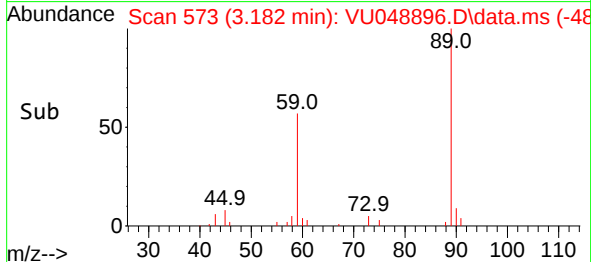
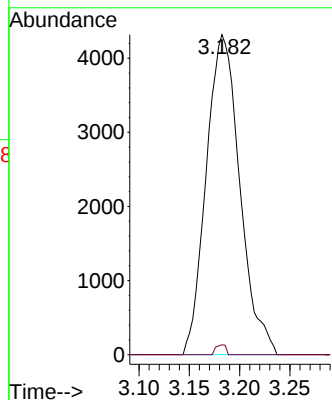
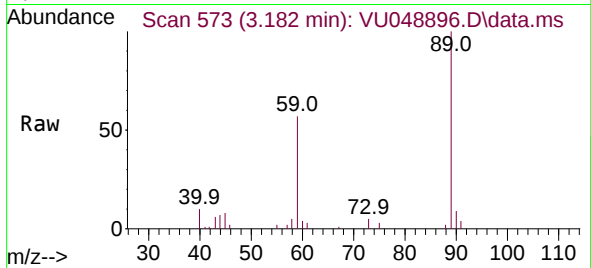




#11
Tert butyl alcohol
Concen: 10.267 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

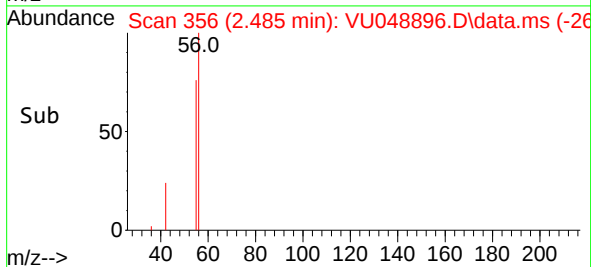
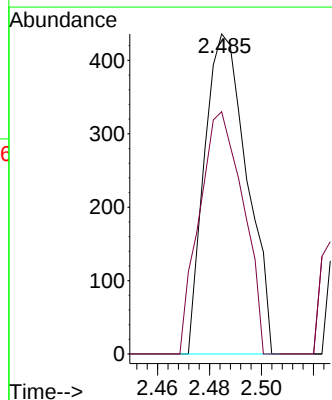
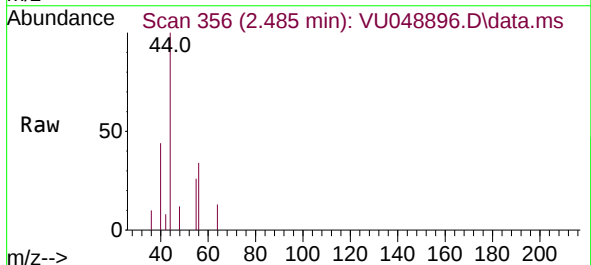
Instrument : MSVOA_U
ClientSampleId : 20220424-SPLP-AMENDED-COMPOSITE-DRE

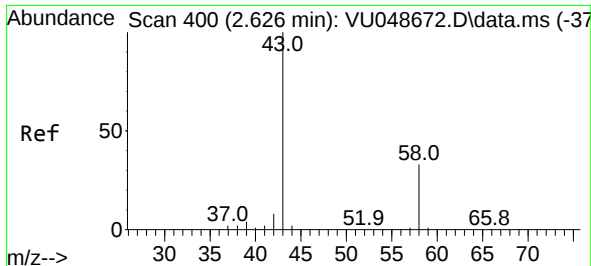
Tgt Ion: 59 Resp: 10034
Ion Ratio Lower Upper
59 100
57 0.9 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion: 56 Resp: 494
Ion Ratio Lower Upper
56 100
55 78.1 57.7 86.5

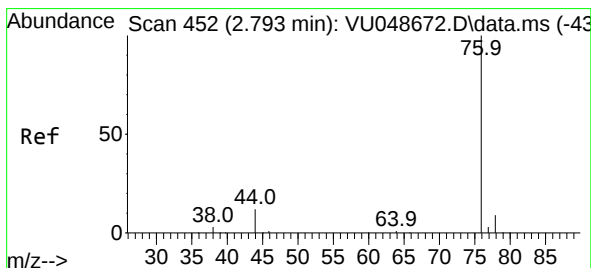
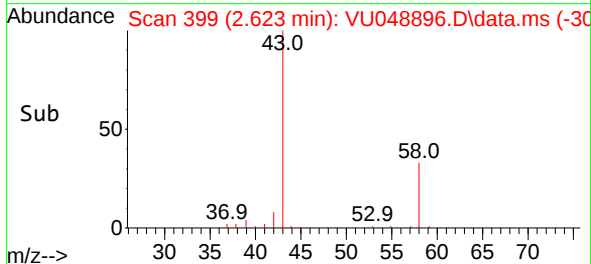
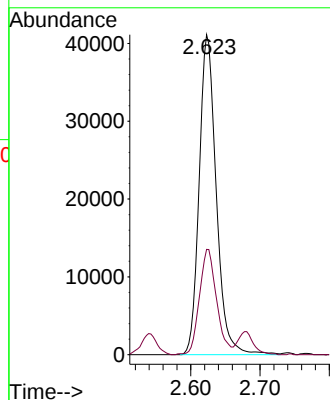
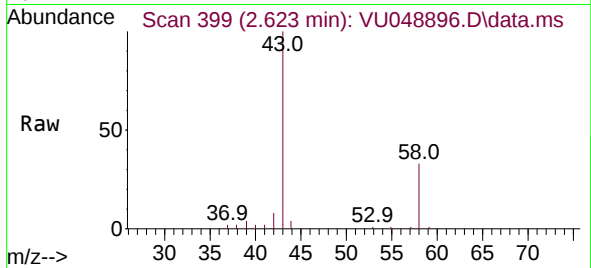




#16
Acetone
Concen: 35.866 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

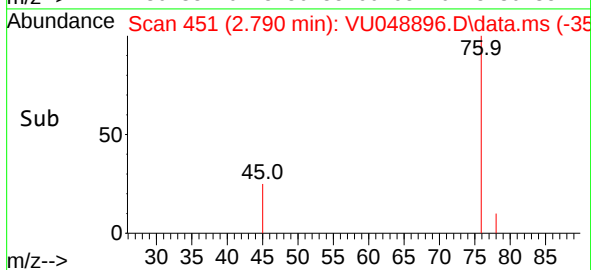
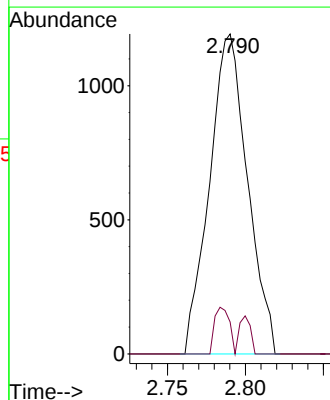
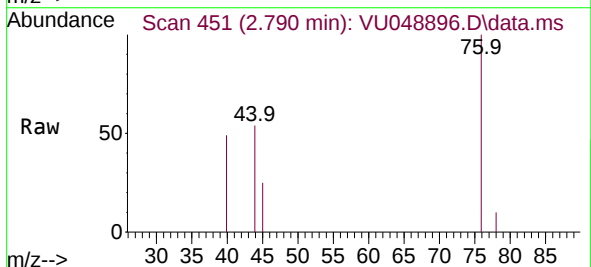
Instrument : MSVOA_U
ClientSampleId : 20220424-SPLP-AMENDED-COMPOSITE-DRE

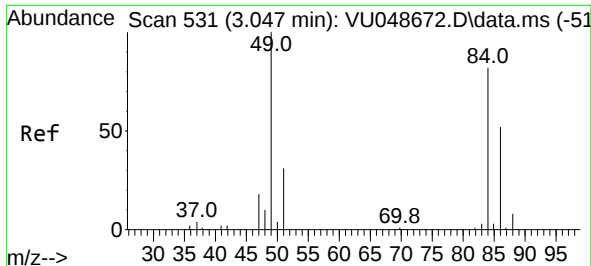
Tgt Ion: 43 Resp: 70458
Ion Ratio Lower Upper
43 100
58 32.9 26.3 39.5



#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion: 76 Resp: 2021
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9





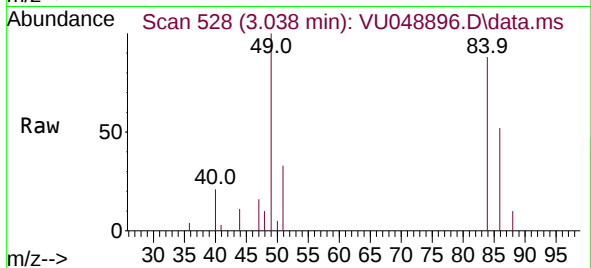
#20
Methylene Chloride
Concen: 1.399 ug/l
RT: 3.038 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Instrument :

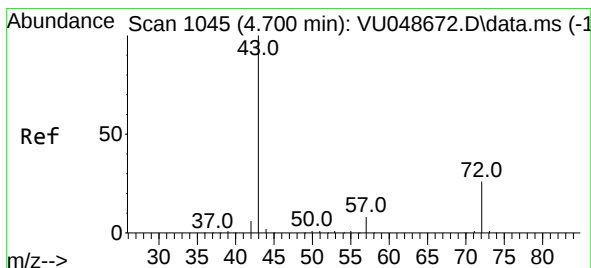
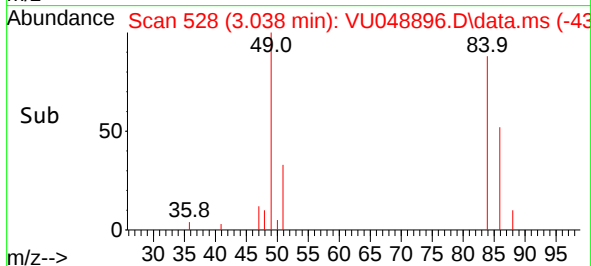
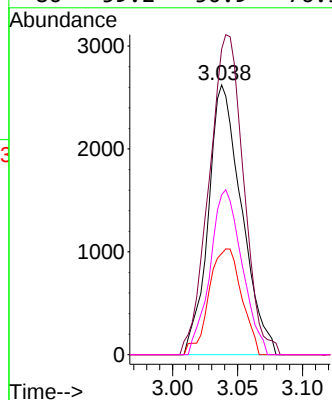
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ClientSampleId :

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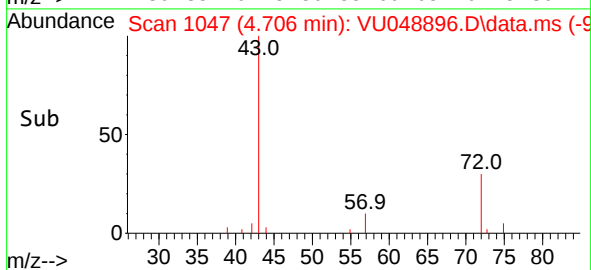
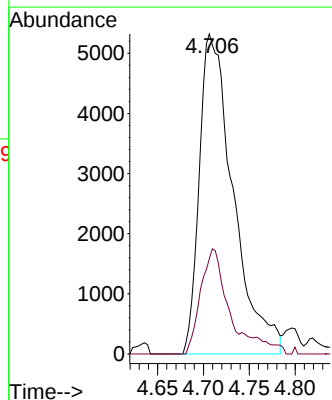
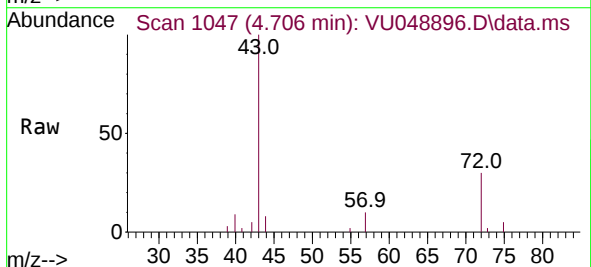


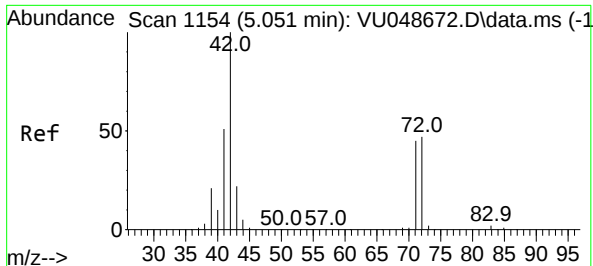
Tgt Ion:	84	Resp:	4674
Ion	Ratio	Lower	Upper
84	100		
49	113.3	97.0	145.4
51	37.5	29.8	44.8
86	59.2	50.9	76.3



#25
2-Butanone
Concen: 4.844 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion:	43	Resp:	13670
Ion	Ratio	Lower	Upper
43	100		
72	29.8	21.1	31.7

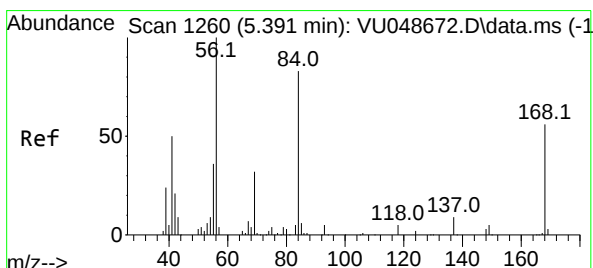
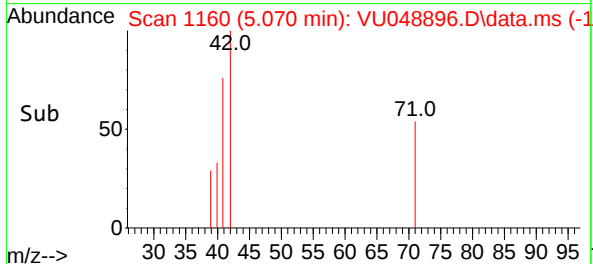
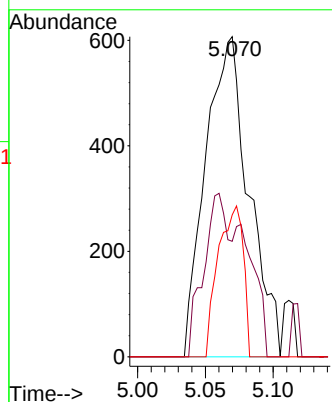
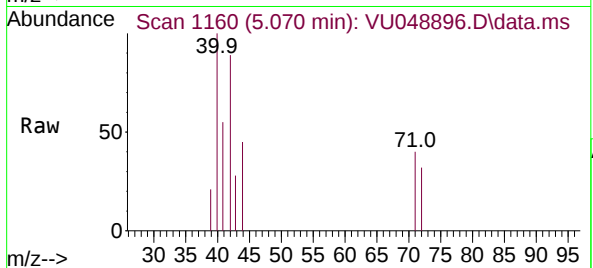




#29
Tetrahydrofuran
Concen: 0.758 ug/l
RT: 5.070 min Scan# 1154
Delta R.T. 0.019 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

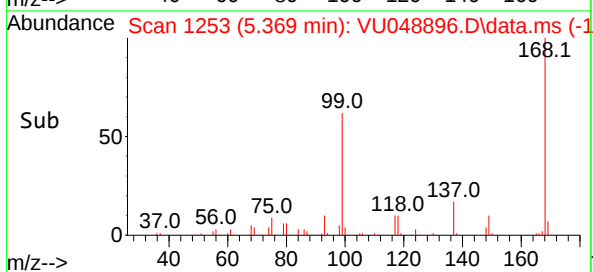
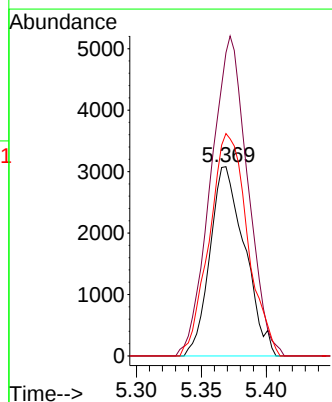
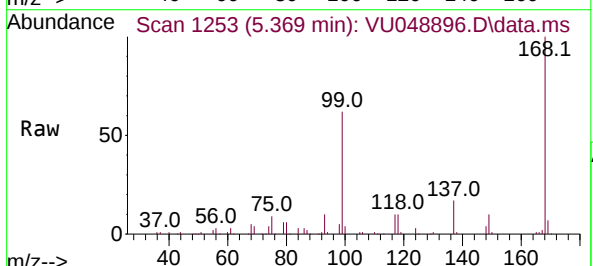
Instrument : MSVOA_U
ClientSampleId : 20220424-SPLP-AMENDED-COMPOSITE-DRE

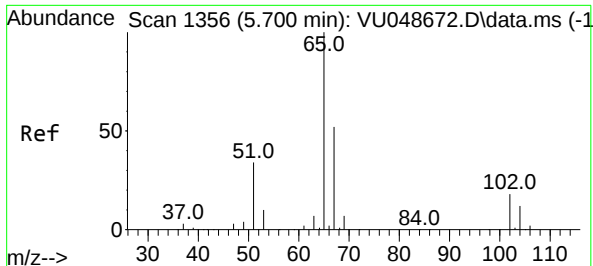
Tgt Ion: 42 Resp: 1348
Ion Ratio Lower Upper
42 100
72 30.6 37.6 56.4#
71 27.3 35.0 52.4#



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.023 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion: 56 Resp: 5725
Ion Ratio Lower Upper
56 100
69 156.7 25.6 38.4#
84 117.5 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 51.148 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048896.D

Acq: 06 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

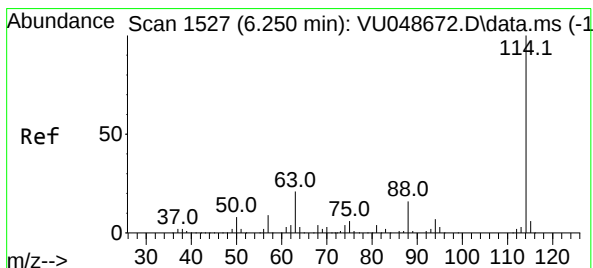
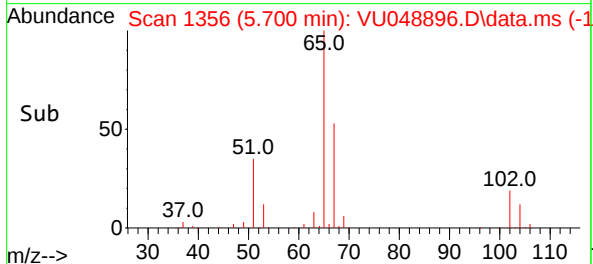
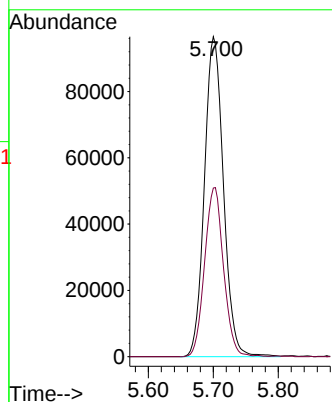
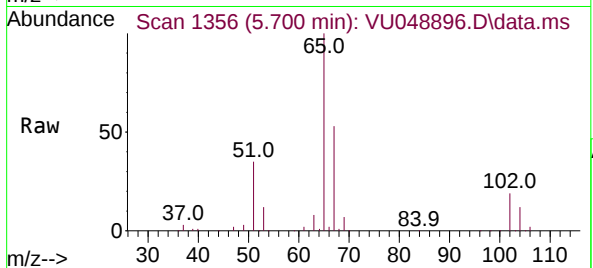
20220424-SPLP-AMENDED-COMPOSITE-DRE

Tgt Ion: 65 Resp: 197167

Ion Ratio Lower Upper

65 100

67 52.4 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: VU048896.D

Acq: 06 Jun 2022 20:38

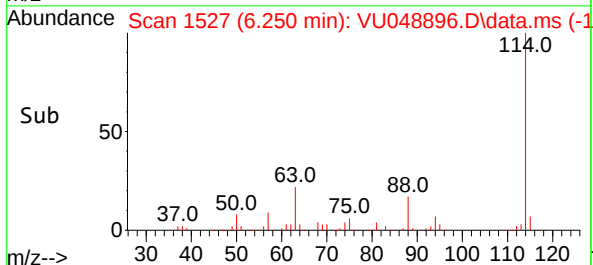
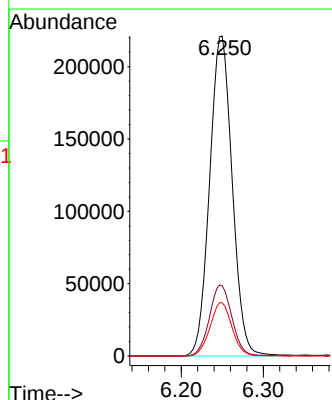
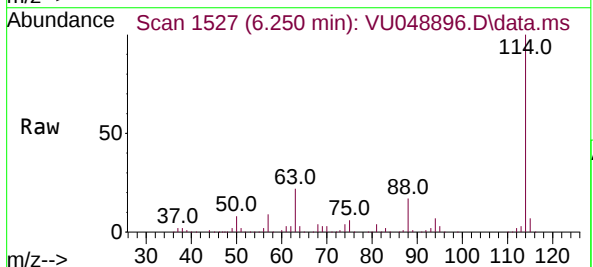
Tgt Ion: 114 Resp: 422662

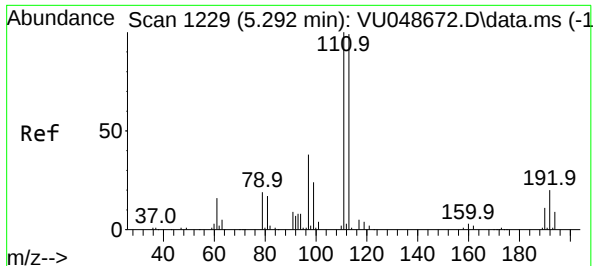
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.6

88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 22.050 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048896.D

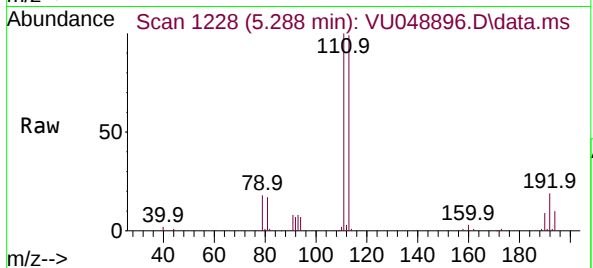
Acq: 06 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

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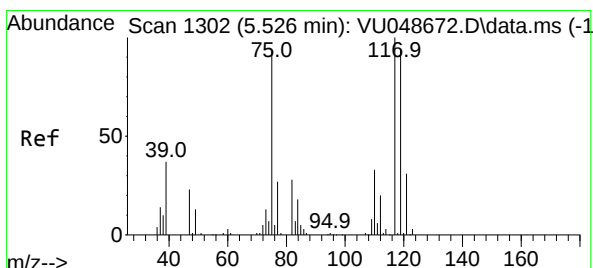
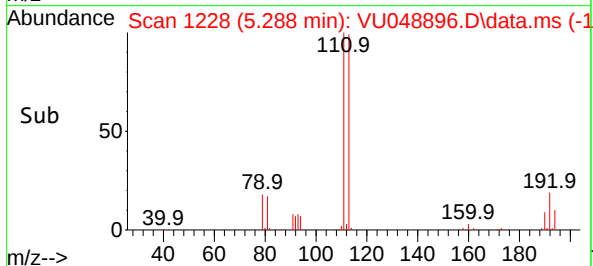
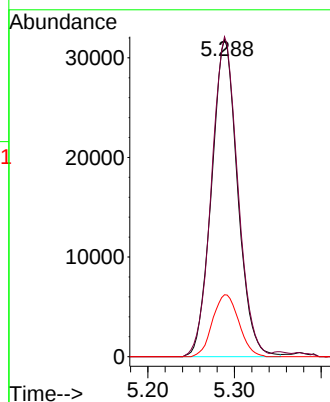
Tgt Ion:113 Resp: 66488

Ion Ratio Lower Upper

113 100

111 101.8 80.7 121.1

192 19.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.840 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.158 min

Lab File: VU048896.D

Acq: 06 Jun 2022 20:38

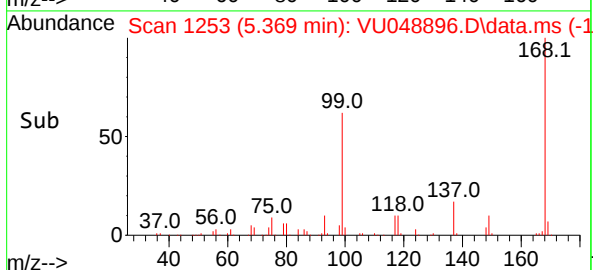
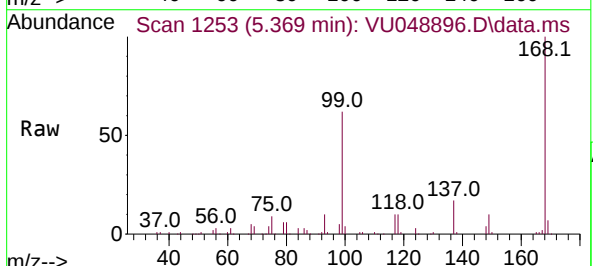
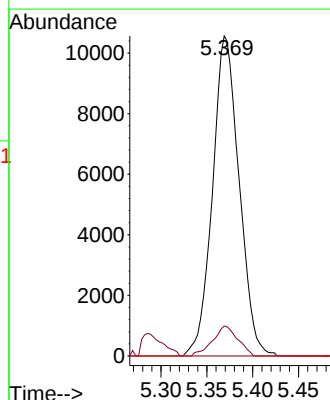
Tgt Ion: 75 Resp: 21302

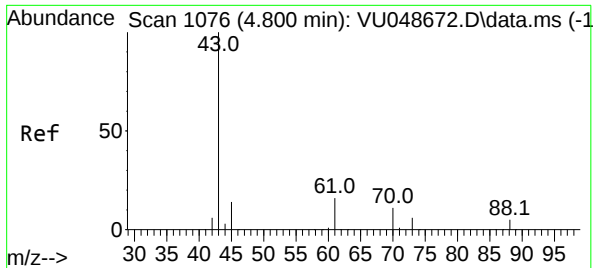
Ion Ratio Lower Upper

75 100

110 8.8 17.4 52.3#

77 0.0 24.8 37.2#

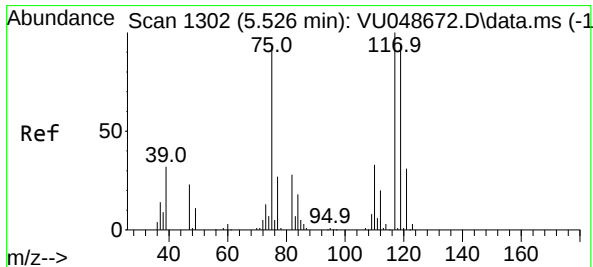
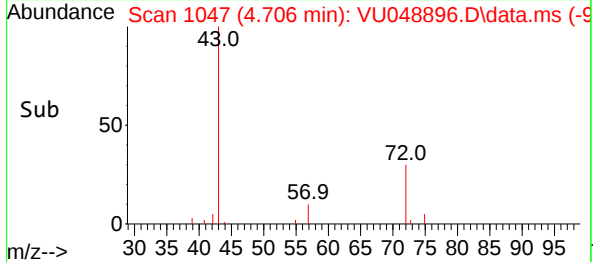
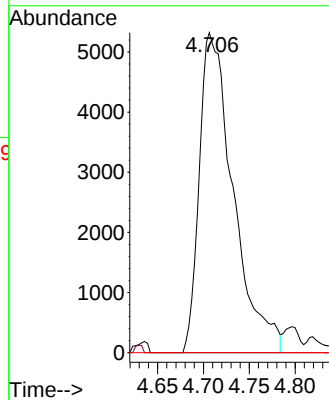
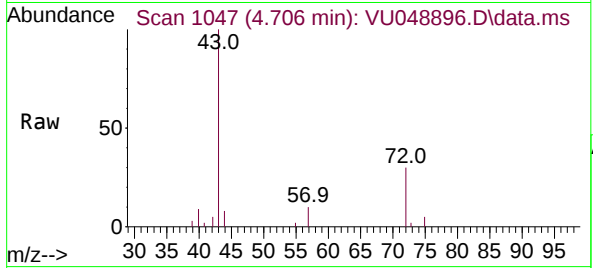




#37
Ethyl Acetate
Concen: 2.457 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. -0.093 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

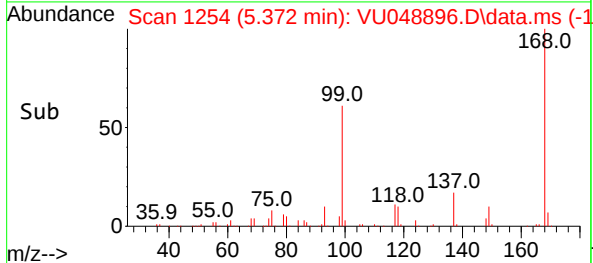
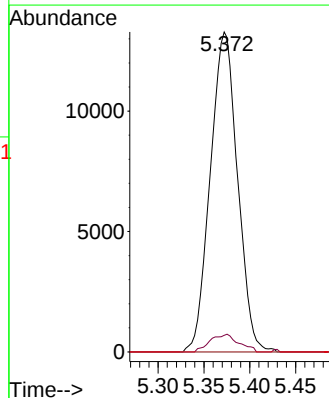
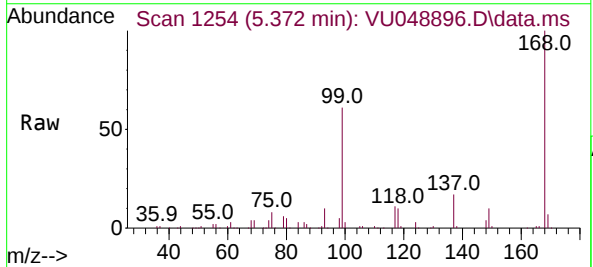
Instrument : MSVOA_U
ClientSampleId : 20220424-SPLP-AMENDED-COMPOSITE-DRE

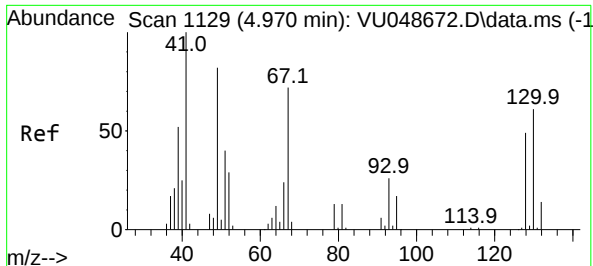
Tgt Ion:	43	Resp:	13670
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	8.4	12.6#



#38
Carbon Tetrachloride
Concen: 5.446 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion:	117	Resp:	27498
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.4	113.2#
121	0.0	24.6	36.8#





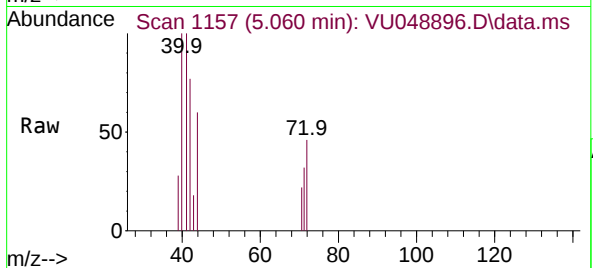
#41
Methacrylonitrile
Concen: 0.374 ug/l
RT: 5.060 min Scan# 1129
Delta R.T. 0.090 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Instrument :

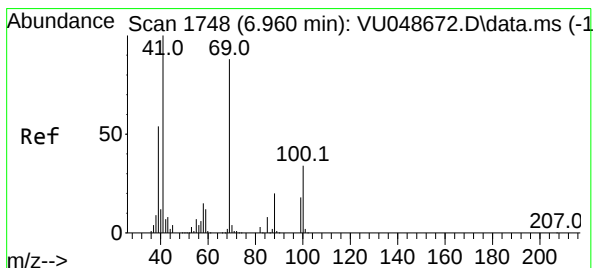
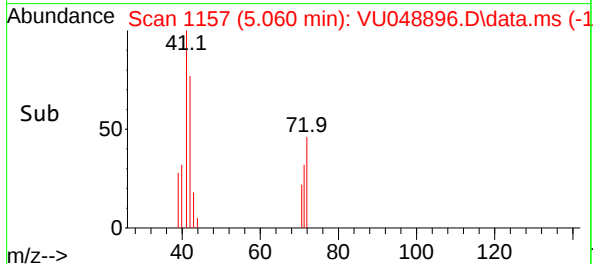
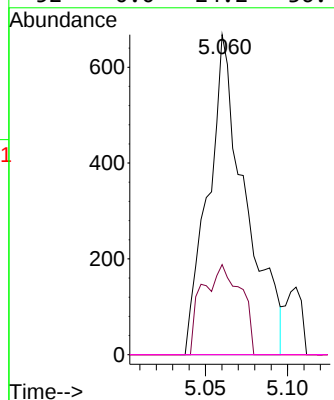
MSVOA_U

ClientSampleId :

20220424-SPLP-AMENDED-COMPOSITE-DRE

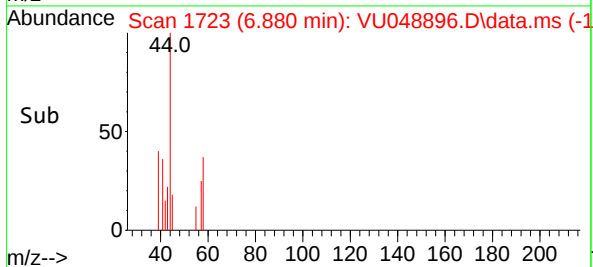
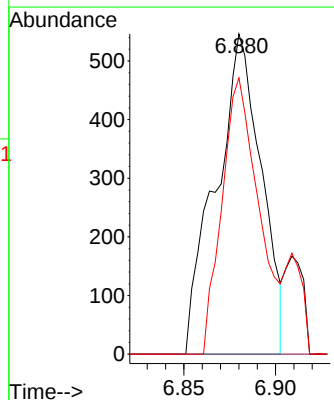
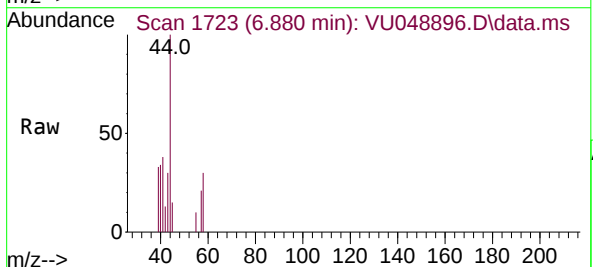


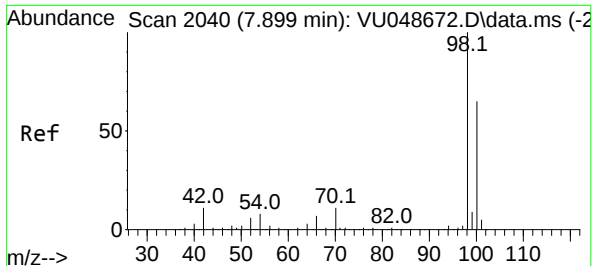
Tgt Ion	Ratio	Lower	Upper
41	100		
39	29.2	42.6	64.0#
67	0.0	61.0	91.4#
52	0.0	24.2	36.4#



#48
Methyl methacrylate
Concen: 0.260 ug/l
RT: 6.880 min Scan# 1723
Delta R.T. -0.080 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.7	106.1#
39	70.2	43.4	65.2#





#50

Toluene-d8

Concen: 47.584 ug/l

RT: 7.896 min Scan# 2040

Delta R.T. -0.003 min

Lab File: VU048896.D

Acq: 06 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

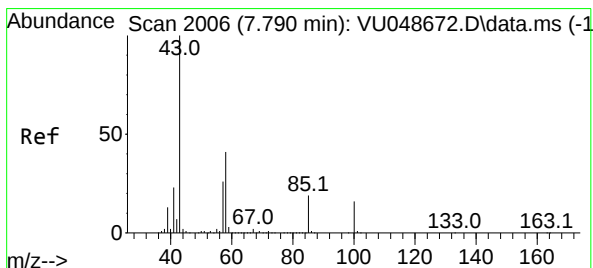
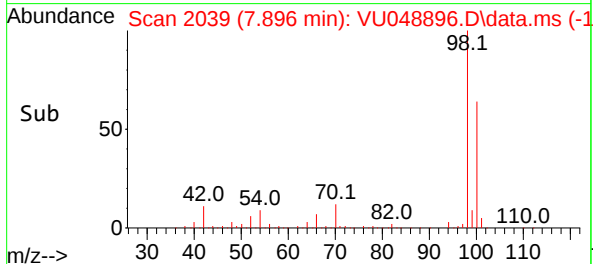
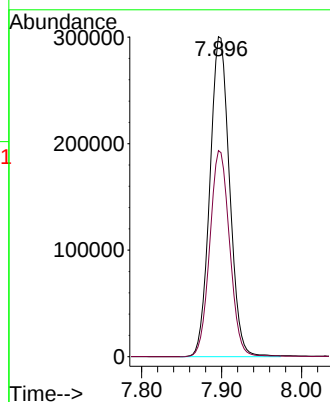
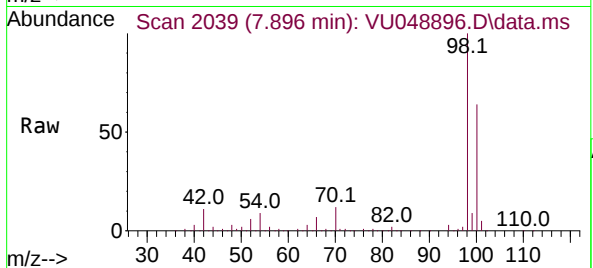
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Tgt Ion: 98 Resp: 514331

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 0.409 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VU048896.D

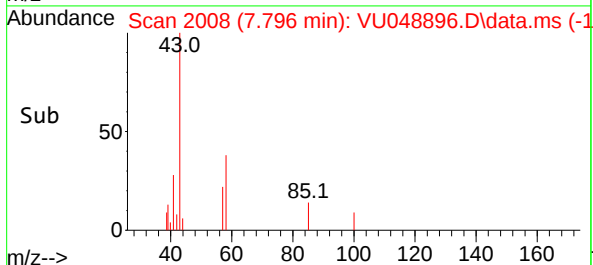
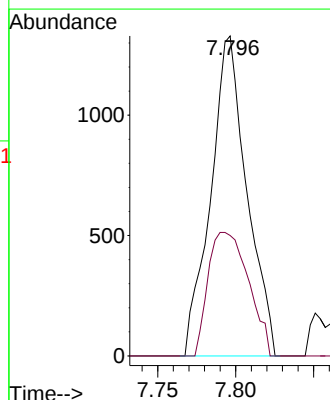
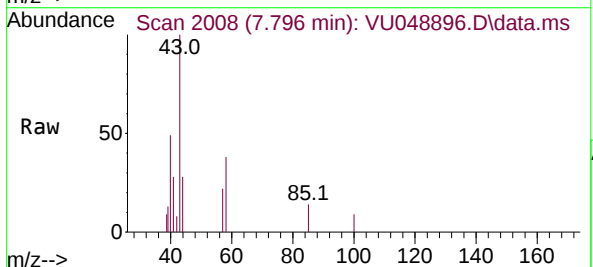
Acq: 06 Jun 2022 20:38

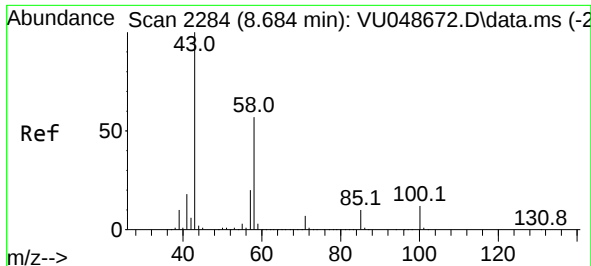
Tgt Ion: 43 Resp: 2145

Ion Ratio Lower Upper

43 100

58 43.1 32.7 49.1





#59

2-Hexanone

Concen: 0.294 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU048896.D

Acq: 06 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

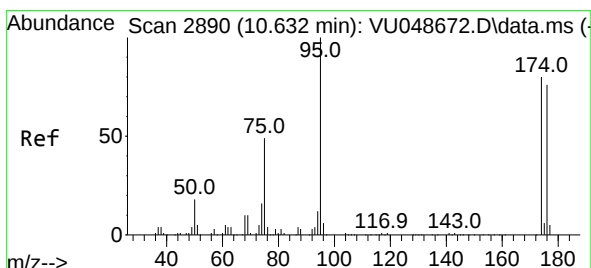
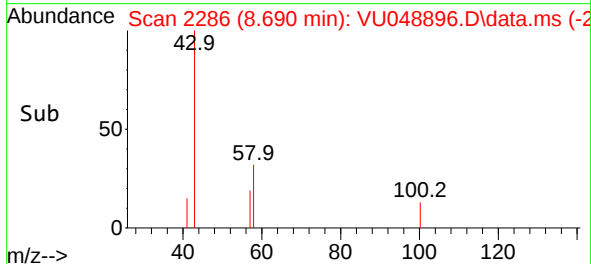
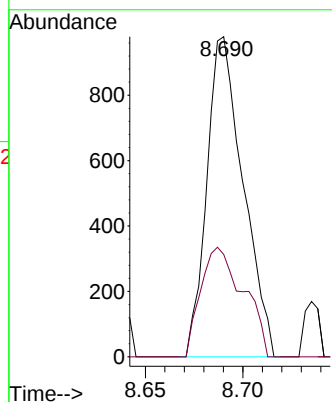
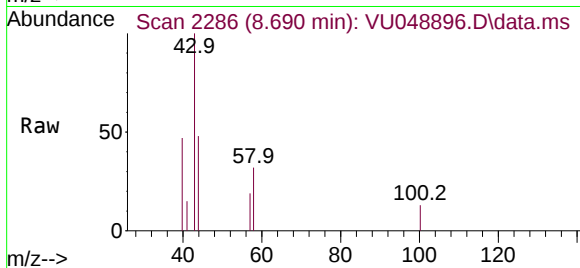
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Tgt Ion: 43 Resp: 1266

Ion Ratio Lower Upper

43 100

58 40.3 28.2 84.6



#62

4-Bromofluorobenzene

Concen: 45.617 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU048896.D

Acq: 06 Jun 2022 20:38

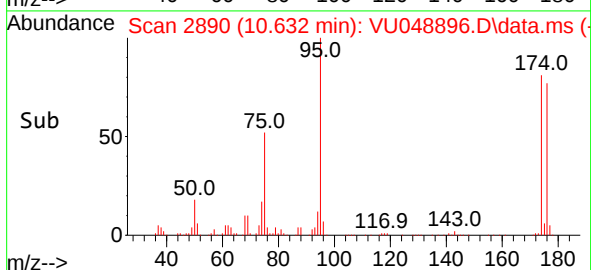
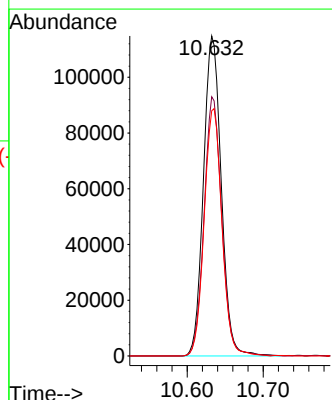
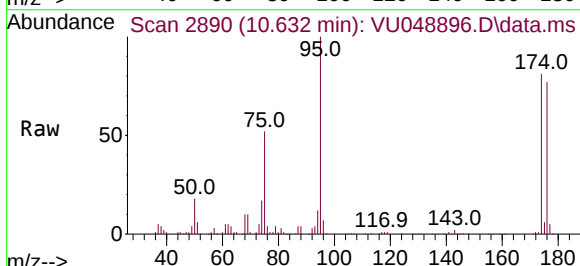
Tgt Ion: 95 Resp: 186478

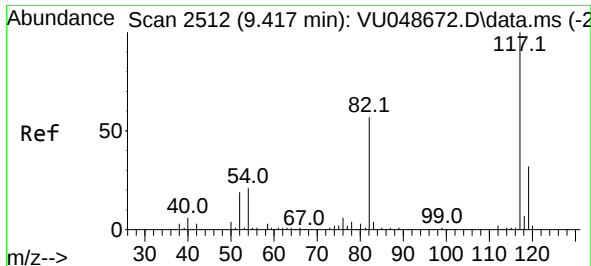
Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.4

176 77.3 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: VU048896.D
Acq: 06 Jun 2022 20:38

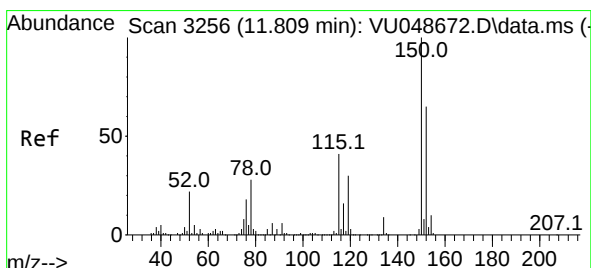
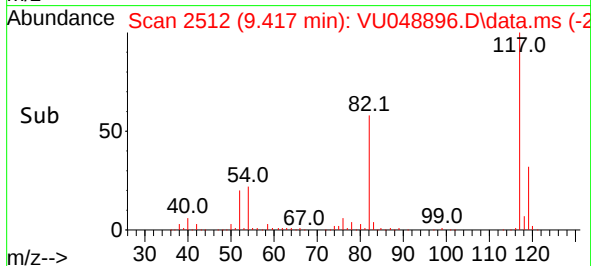
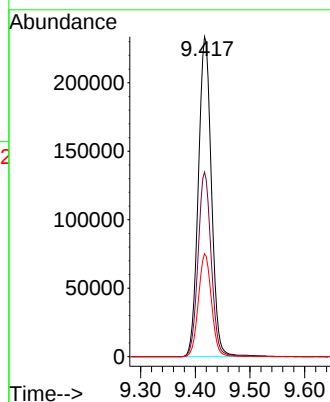
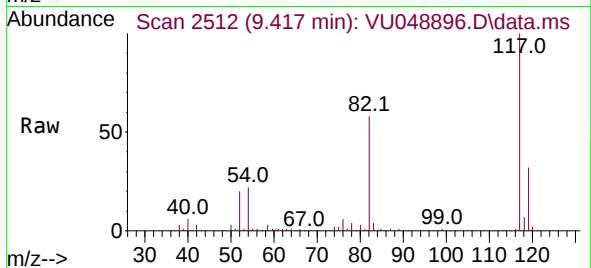
Instrument :

MSVOA_U

ClientSampleId :

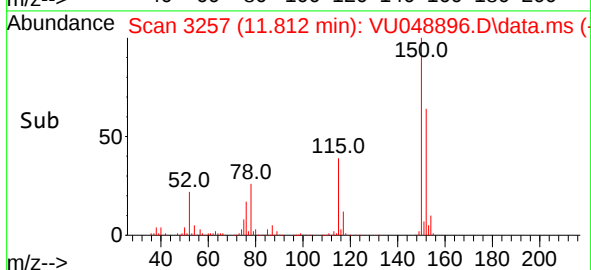
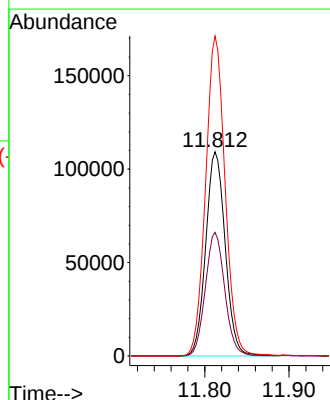
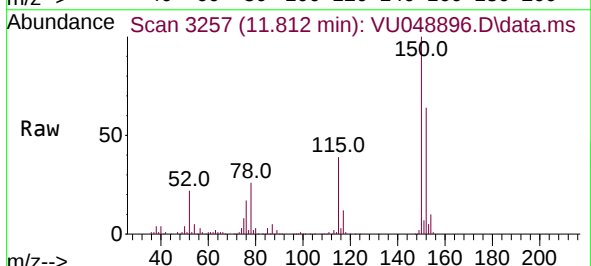
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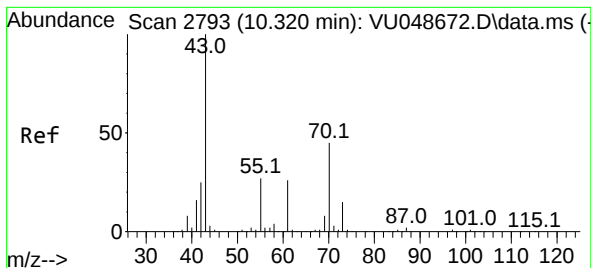
Tgt Ion:117 Resp: 388417
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion:152 Resp: 176025
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 156.8 0.0 341.0





#74

N-amy1 acetate

Concen: 2.604 ug/l

RT: 10.349 min Scan# 21

Delta R.T. 0.029 min

Lab File: VU048896.D

Acq: 06 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 43 Resp: 829

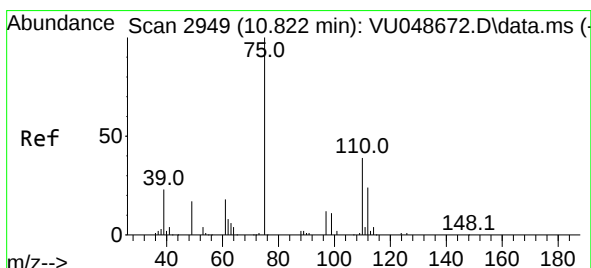
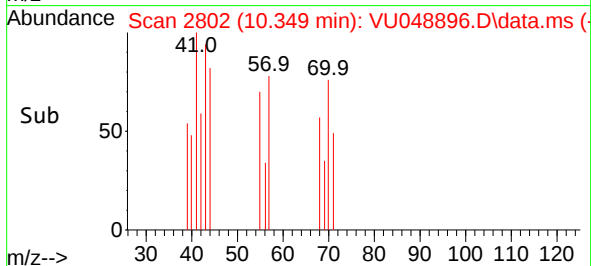
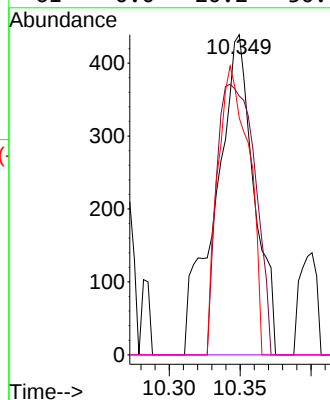
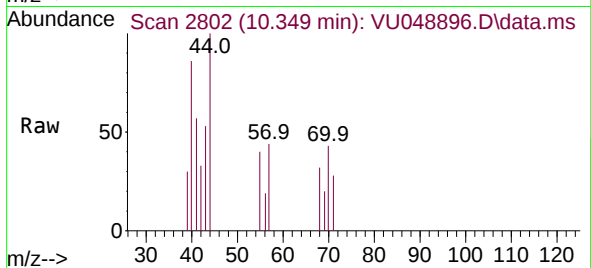
Ion Ratio Lower Upper

43 100

70 83.8 35.8 53.6#

55 73.3 21.1 31.7#

61 0.0 20.2 30.4#



#76

1,2,3-Trichloropropane

Concen: 17.187 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.190 min

Lab File: VU048896.D

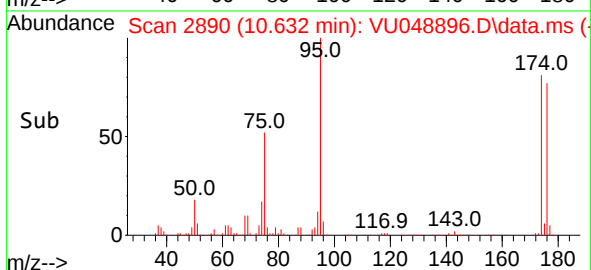
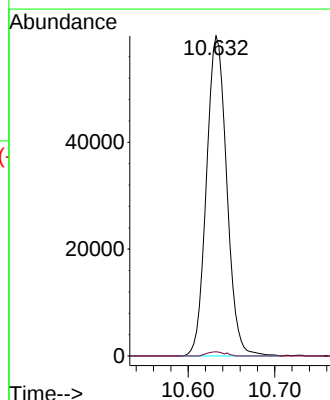
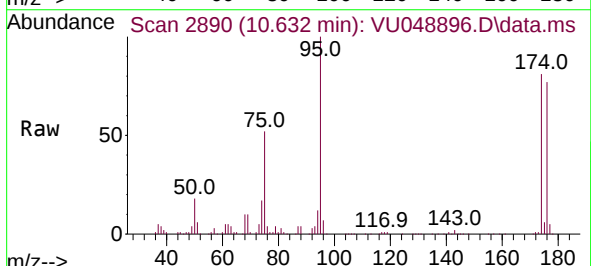
Acq: 06 Jun 2022 20:38

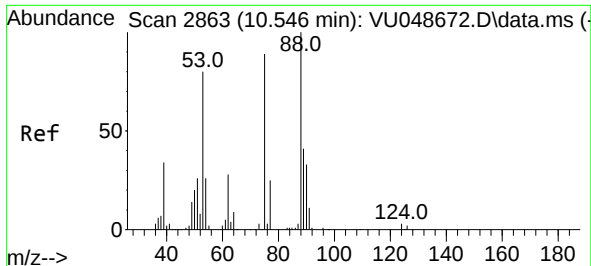
Tgt Ion: 75 Resp: 97545

Ion Ratio Lower Upper

75 100

77 1.2 14.8 44.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.404 ug/l
RT: 10.632 min Scan# 2863
Delta R.T. 0.087 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

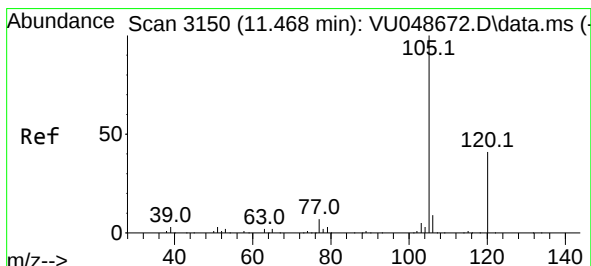
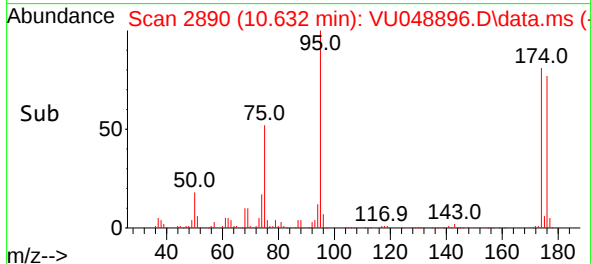
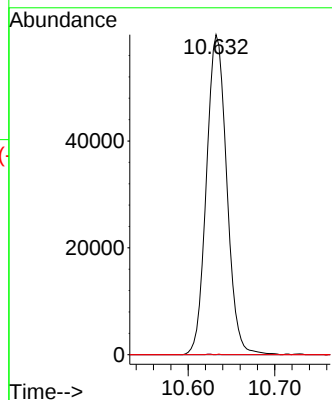
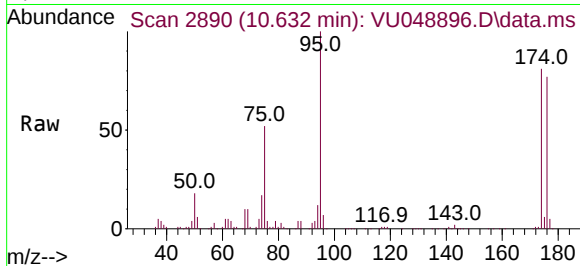
Instrument :

MSVOA_U

ClientSampleId :

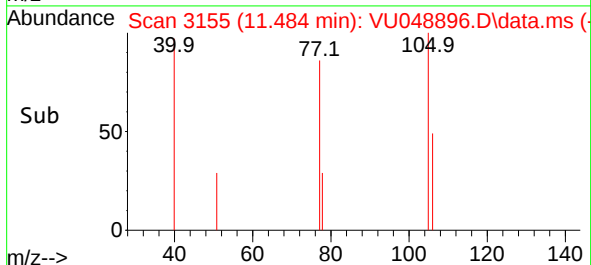
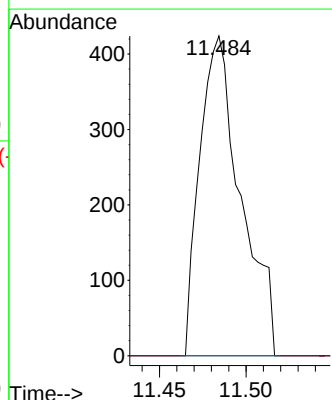
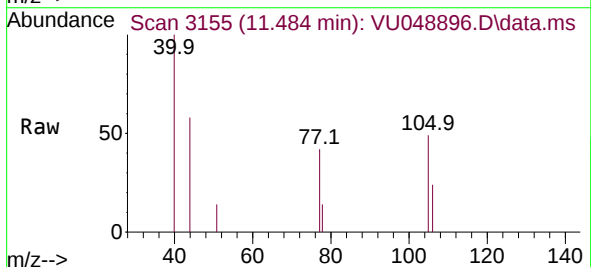
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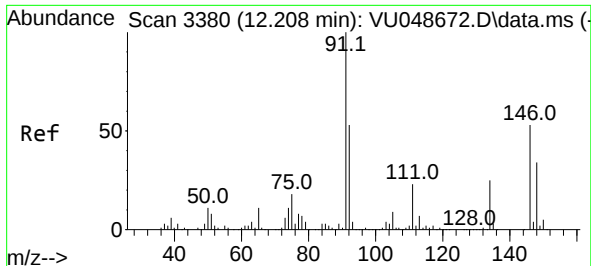
Tgt Ion: 75 Resp: 97545
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.251 ug/l
RT: 11.484 min Scan# 3155
Delta R.T. 0.016 min
Lab File: VU048896.D
Acq: 06 Jun 2022 20:38

Tgt Ion: 105 Resp: 699
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#





#89

n-Butylbenzene

Concen: 2.206 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU048896.D

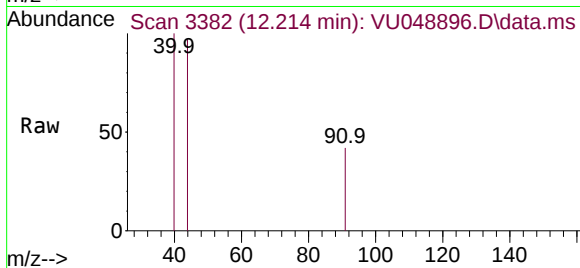
Acq: 06 Jun 2022 20:38

Instrument :

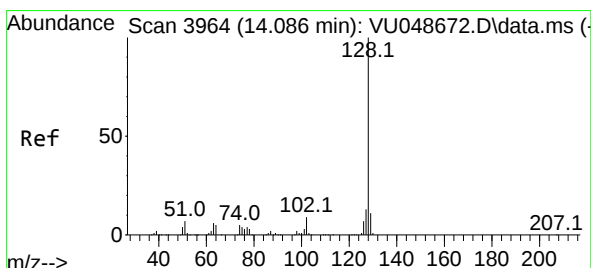
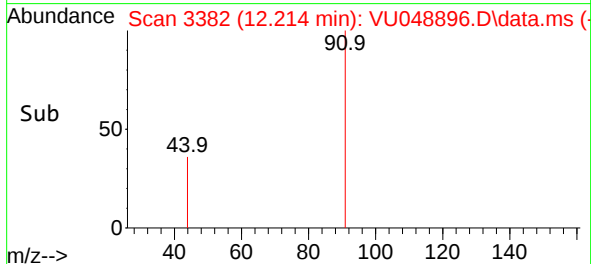
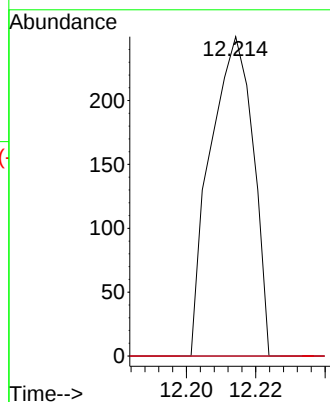
MSVOA_U

ClientSampleId :

20220424-SPLP-AMENDED-COMPOSITE-DRE



Tgt Ion:	91	Resp:	215
Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.9	77.8#
134	0.0	12.5	37.5#



#95

Naphthalene

Concen: 2.597 ug/l

RT: 14.095 min Scan# 3967

Delta R.T. 0.009 min

Lab File: VU048896.D

Acq: 06 Jun 2022 20:38

Tgt Ion:	128	Resp:	933
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.7	13.1#

