

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048962.D
 Acq On : 08 Jun 2022 15:06
 Operator : SY/MD
 Sample : N3143-06RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

Quant Time: Jun 08 15:34:46 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)

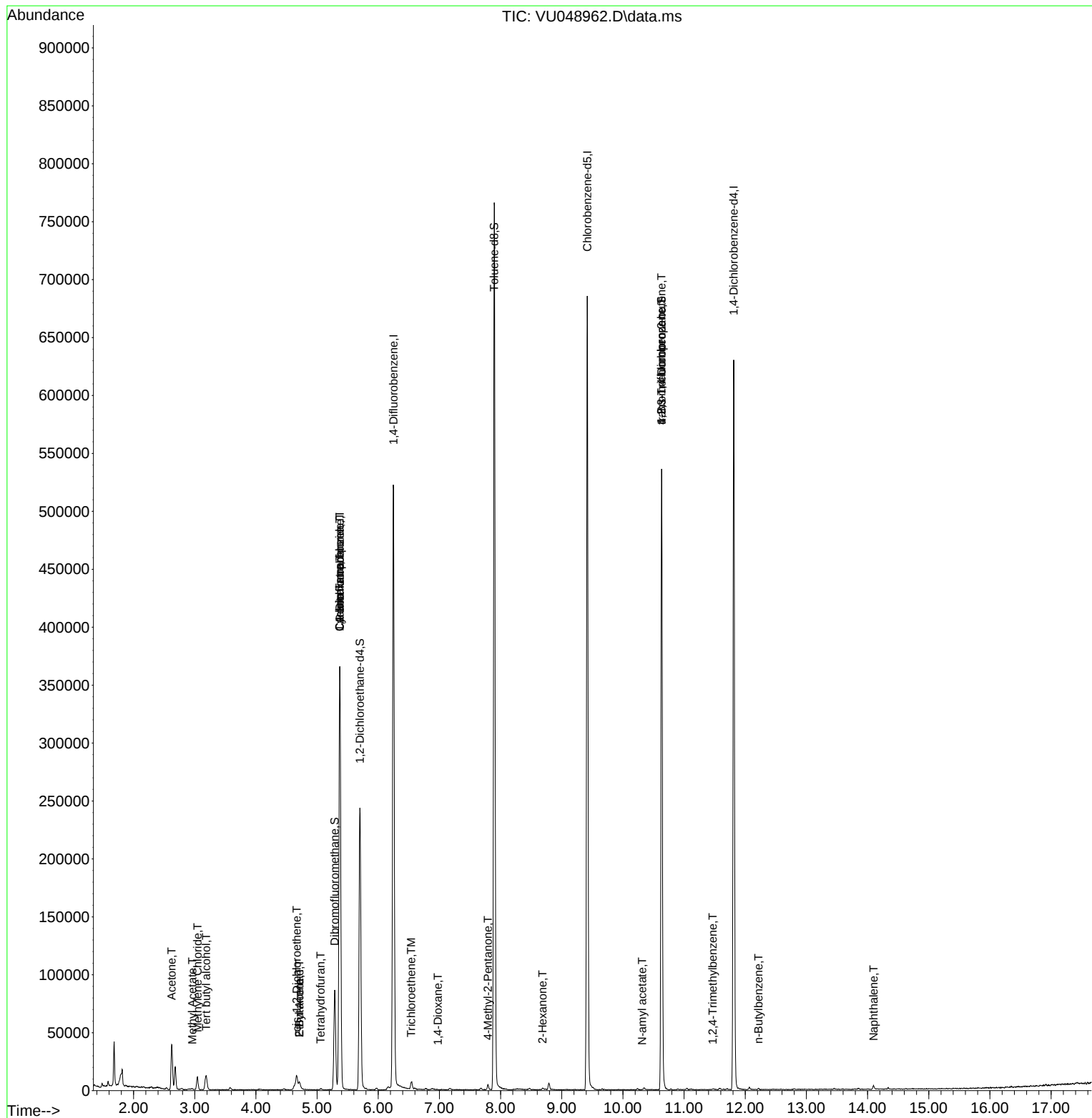
Internal Standards						
1) Pentafluorobenzene	5.372	168	248883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	417160	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	376151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	167197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	188667	50.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.960%	
35) Dibromofluoromethane	5.288	113	55649	18.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 37.400%#	
50) Toluene-d8	7.896	98	498405	46.718	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.440%	
62) 4-Bromofluorobenzene	10.632	95	176966	43.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.877	94	43	Below Cal	#	3
6) Chloroethane	1.932	64	68	Below Cal	#	43
11) Tert butyl alcohol	3.186	59	8322	8.782	ug/l #	28
13) Acrolein	2.478	56	416	Below Cal	#	67
16) Acetone	2.623	43	44907	23.575	ug/l	99
18) Methyl Acetate	2.960	43	1705	0.357	ug/l #	82
20) Methylene Chloride	3.044	84	5128	1.583	ug/l	95
25) 2-Butanone	4.710	43	11244	4.109	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	6095	1.817	ug/l	90
29) Tetrahydrofuran	5.060	42	538	0.312	ug/l #	61
31) Cyclohexane	5.369	56	5533	1.175	ug/l #	12
36) 1,1-Dichloropropene	5.369	75	19702	4.536	ug/l #	49
37) Ethyl Acetate	4.710	43	11244	2.048	ug/l #	68
38) Carbon Tetrachloride	5.369	117	25613	5.140	ug/l #	17
44) Trichloroethene	6.539	130	1936	0.586	ug/l	93
49) 1,4-Dioxane	6.976	88	43	0.538	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	3495	0.675	ug/l #	78
59) 2-Hexanone	8.687	43	1304	0.307	ug/l	89
74) N-amyl acetate	10.314	43	133	2.490	ug/l #	49
76) 1,2,3-Trichloropropane	10.632	75	92049	17.075	ug/l #	46
81) trans-1,4-Dichloro-2-b...	10.632	75	92049	61.997	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.468	105	437	1.229	ug/l #	55
89) n-Butylbenzene	12.217	91	724	2.257	ug/l #	70
95) Naphthalene	14.098	128	3936	2.817	ug/l #	86

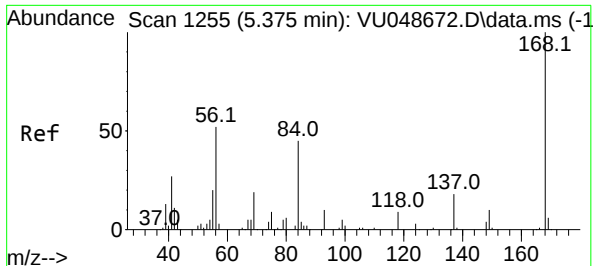
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
Data File : VU048962.D
Acq On : 08 Jun 2022 15:06
Operator : SY/MD
Sample : N3143-06RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

Quant Time: Jun 08 15:34:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

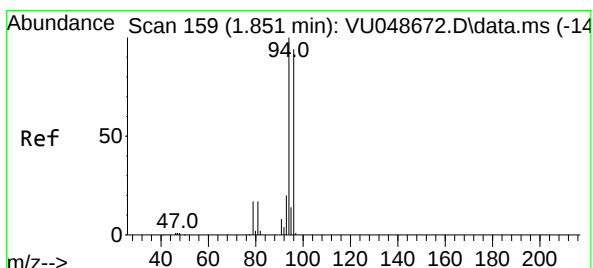
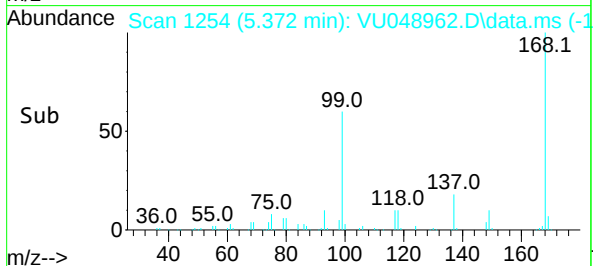
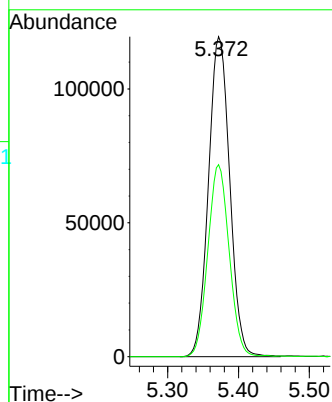
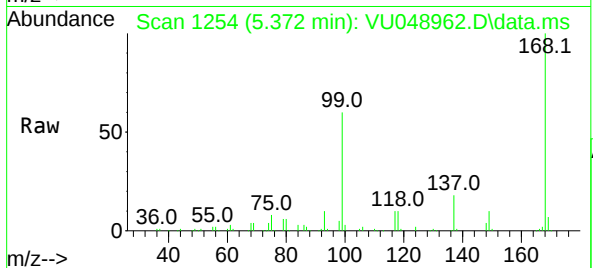




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

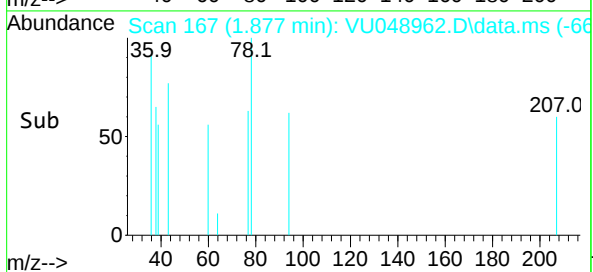
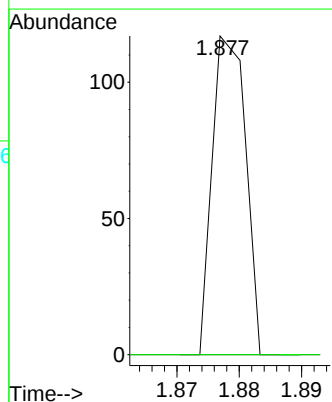
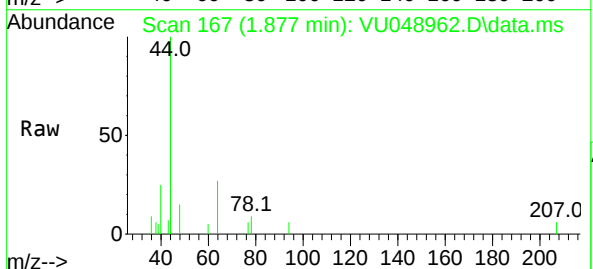
Instrument :
MSVOA_U
ClientSampleId :
20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

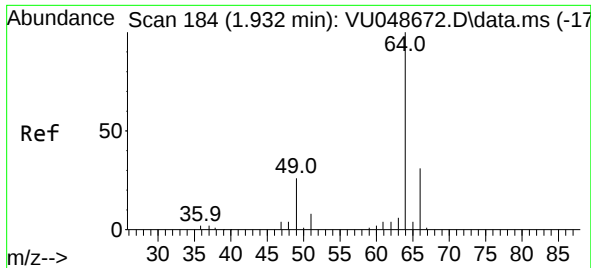
Tgt Ion:168 Resp: 248883
Ion Ratio Lower Upper
168 100
99 60.0 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.877 min Scan# 167
Delta R.T. 0.026 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 94 Resp: 43
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

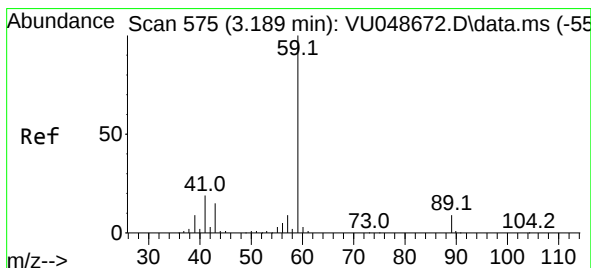
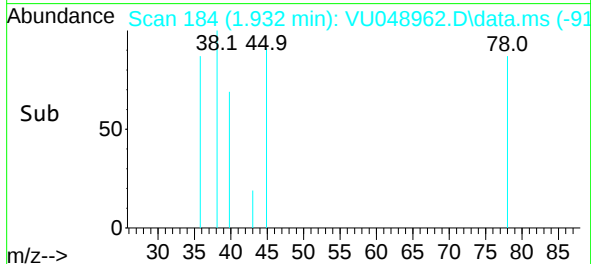
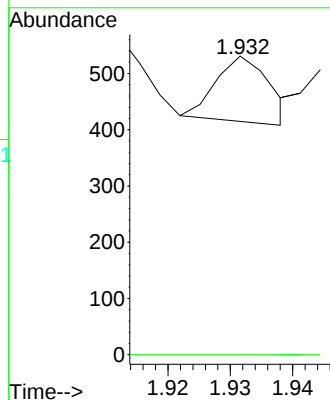
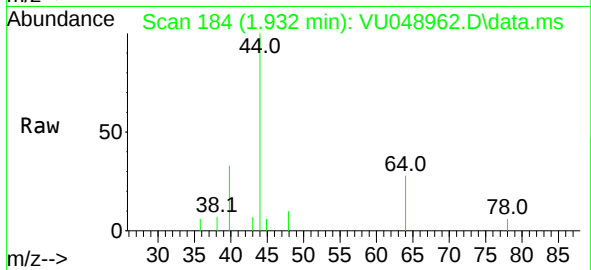




#6
Chloroethane
Concen: Below Cal
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

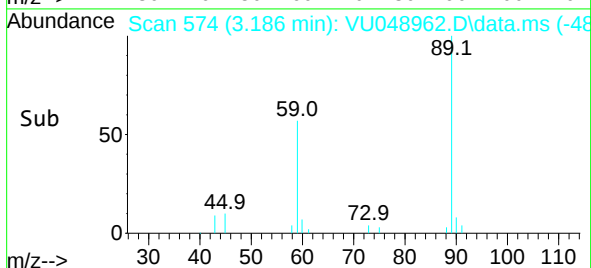
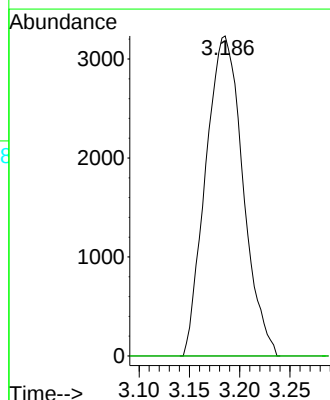
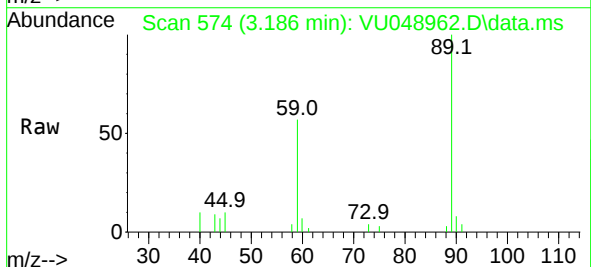
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

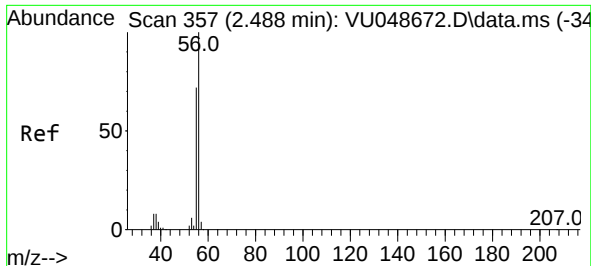
Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#11
Tert butyl alcohol
Concen: 8.782 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 59 Resp: 8322
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

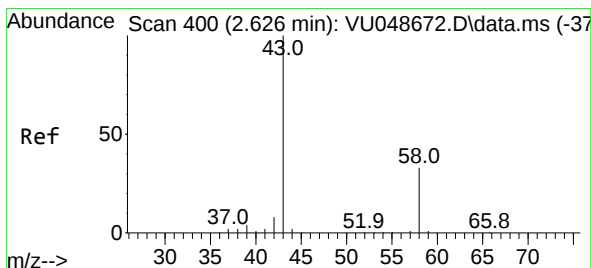
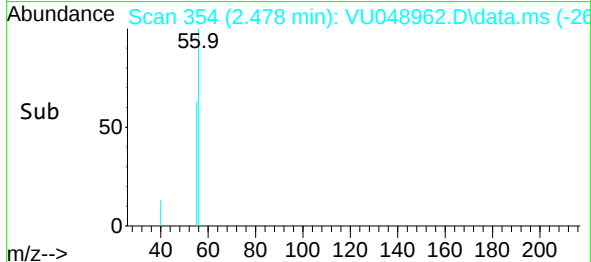
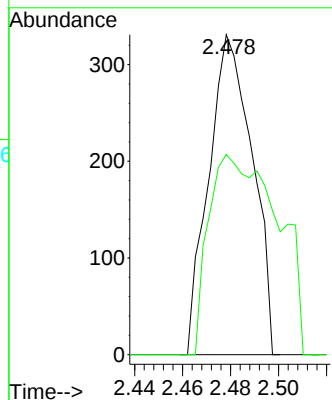
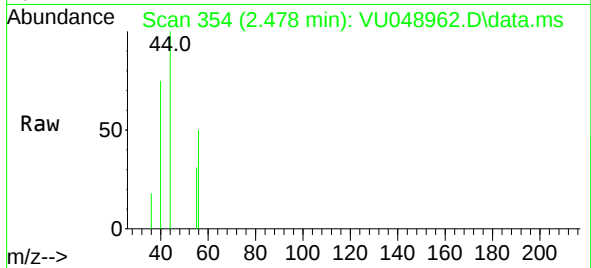




#13
Acrolein
Concen: Below Cal
RT: 2.478 min Scan# 311
Delta R.T. -0.010 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

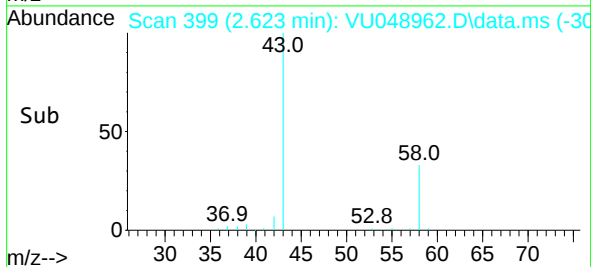
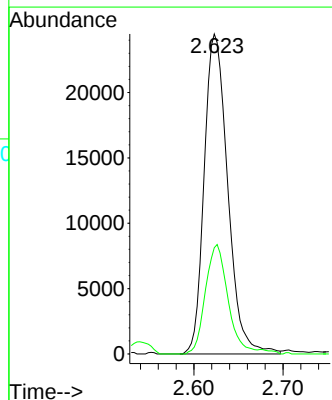
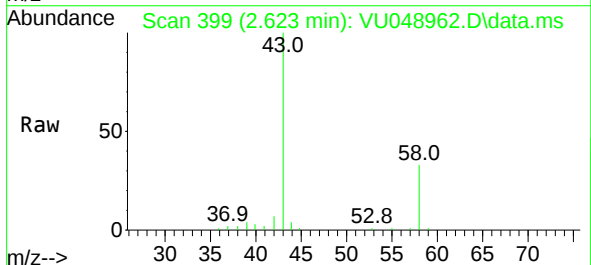
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

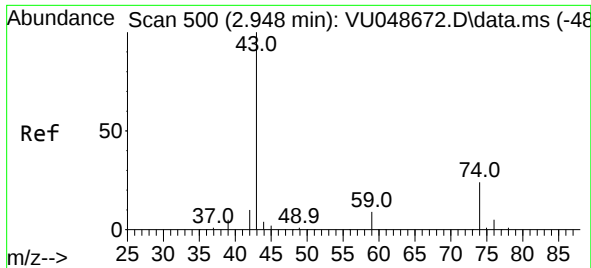
Tgt Ion: 56 Resp: 416
Ion Ratio Lower Upper
56 100
55 99.3 57.7 86.5#



#16
Acetone
Concen: 23.575 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 43 Resp: 44907
Ion Ratio Lower Upper
43 100
58 33.2 26.3 39.5

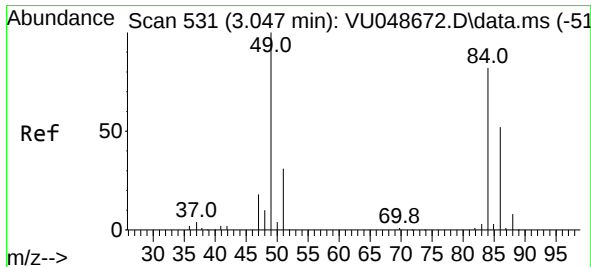
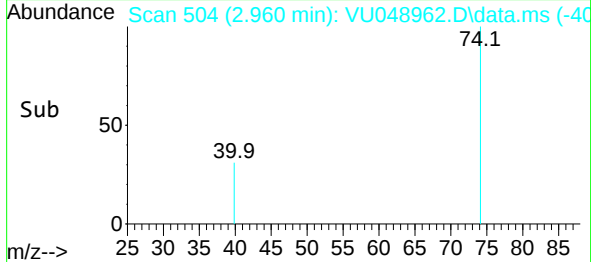
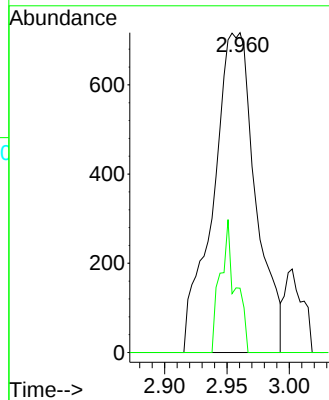
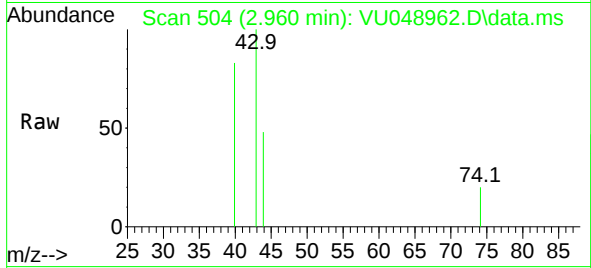




#18
Methyl Acetate
Concen: 0.357 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

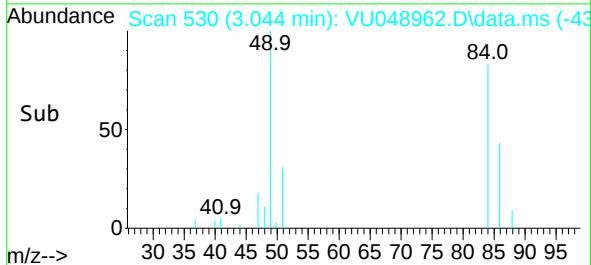
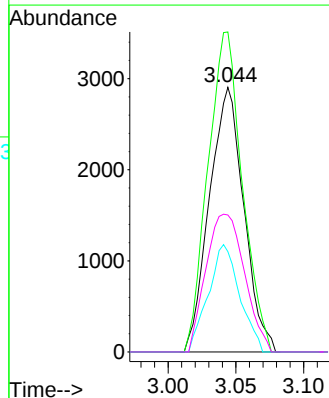
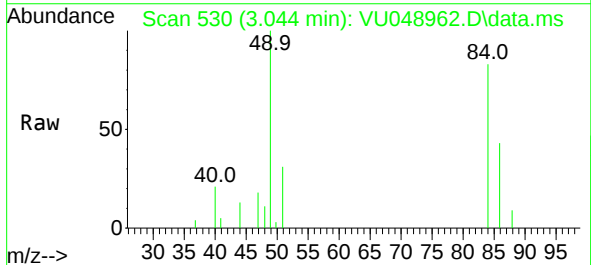
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

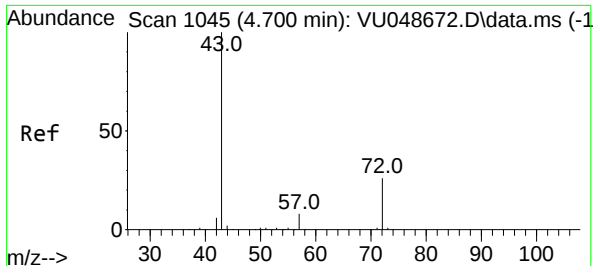
Tgt Ion: 43 Resp: 1705
Ion Ratio Lower Upper
43 100
74 15.0 19.2 28.8#



#20
Methylene Chloride
Concen: 1.583 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 84 Resp: 5128
Ion Ratio Lower Upper
84 100
49 120.9 97.0 145.4
51 37.9 29.8 44.8
86 51.7 50.9 76.3





#25

2-Butanone

Concen: 4.109 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.010 min

Lab File: VU048962.D

Acq: 08 Jun 2022 15:06

Instrument :

MSVOA_U

ClientSampleId :

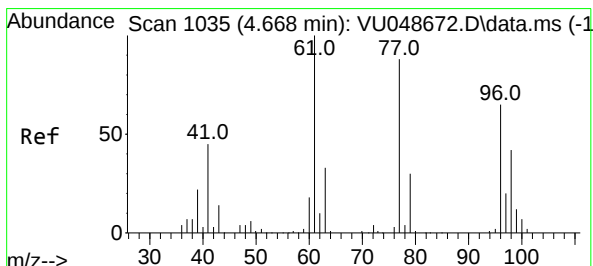
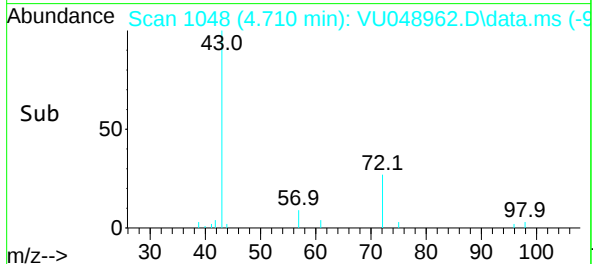
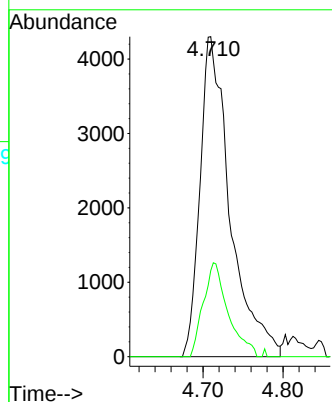
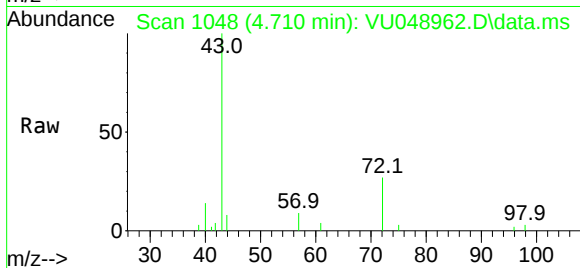
20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

Tgt Ion: 43 Resp: 11244

Ion Ratio Lower Upper

43 100

72 26.9 21.1 31.7



#27

cis-1,2-Dichloroethene

Concen: 1.817 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048962.D

Acq: 08 Jun 2022 15:06

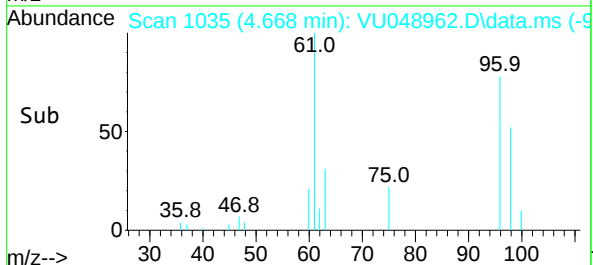
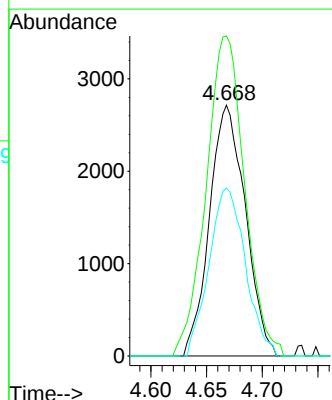
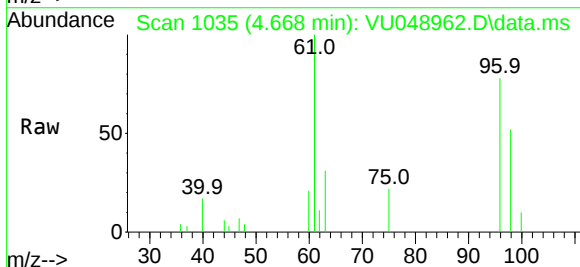
Tgt Ion: 96 Resp: 6095

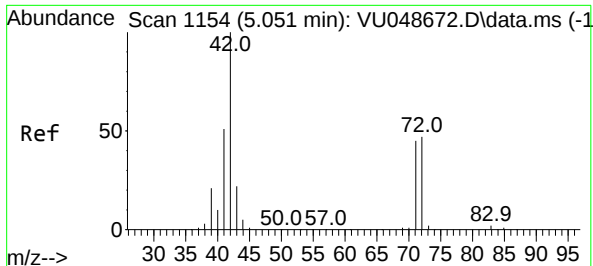
Ion Ratio Lower Upper

96 100

61 136.5 0.0 306.2

98 67.7 0.0 130.4

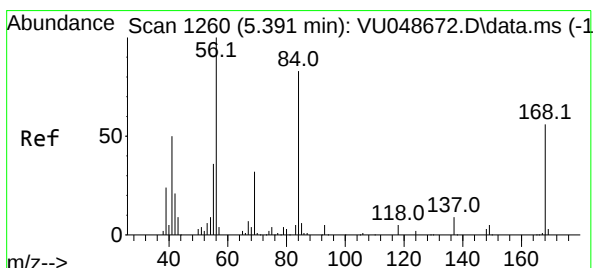
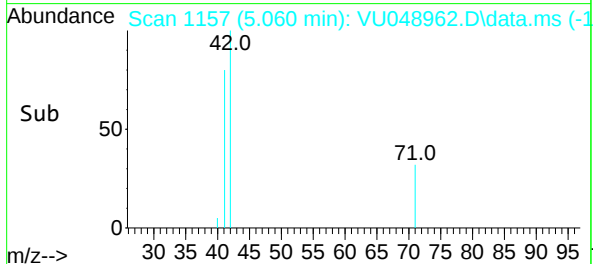
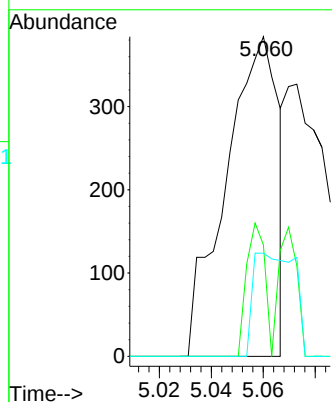
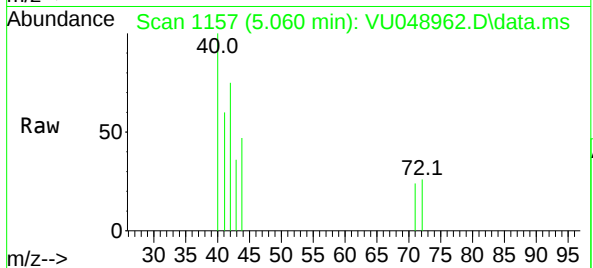




#29
Tetrahydrofuran
Concen: 0.312 ug/l
RT: 5.060 min Scan# 1154
Delta R.T. 0.010 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

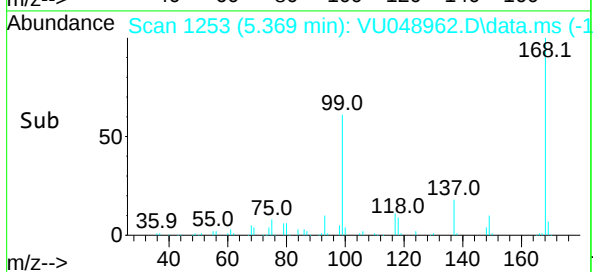
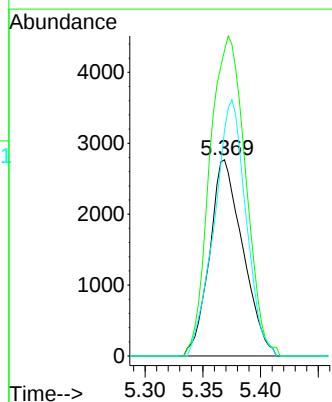
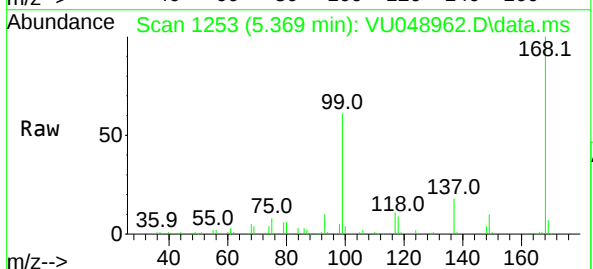
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

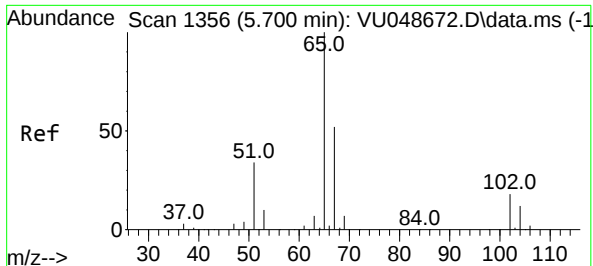
Tgt Ion: 42 Resp: 538
Ion Ratio Lower Upper
42 100
72 14.5 37.6 56.4#
71 25.5 35.0 52.4#



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.023 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 56 Resp: 5533
Ion Ratio Lower Upper
56 100
69 155.7 25.6 38.4#
84 115.1 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 50.476 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048962.D

Acq: 08 Jun 2022 15:06

Instrument :

MSVOA_U

ClientSampleId :

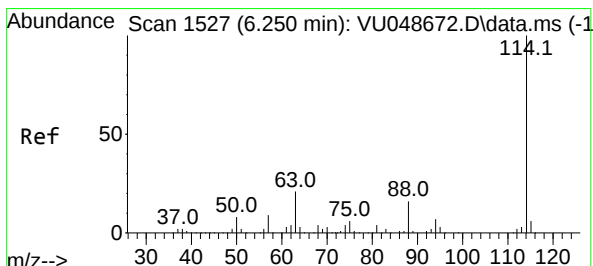
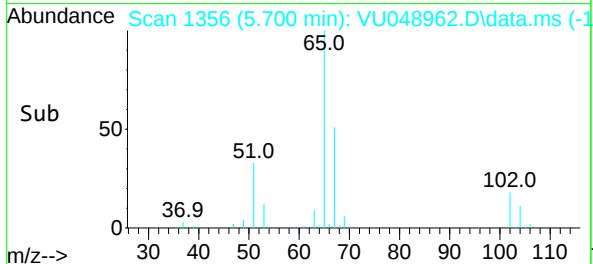
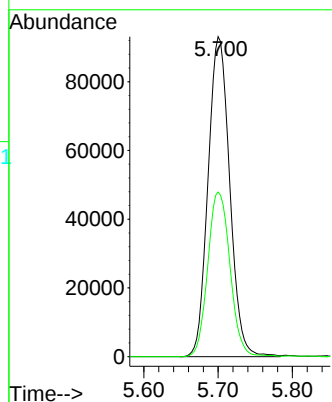
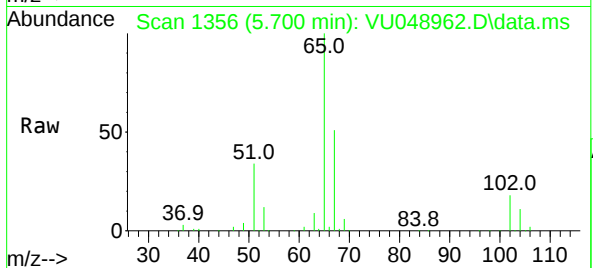
20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

Tgt Ion: 65 Resp: 188667

Ion Ratio Lower Upper

65 100

67 52.9 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: VU048962.D

Acq: 08 Jun 2022 15:06

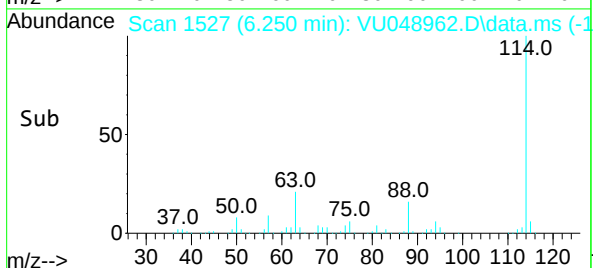
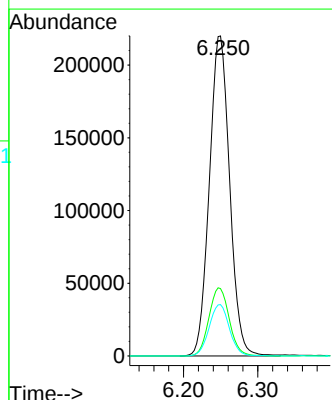
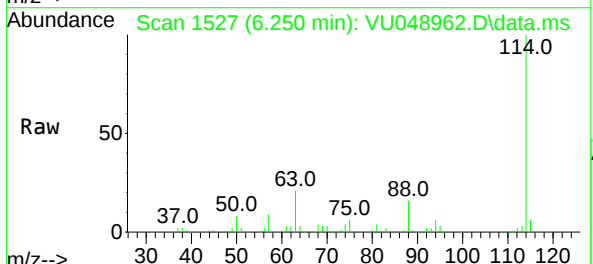
Tgt Ion: 114 Resp: 417160

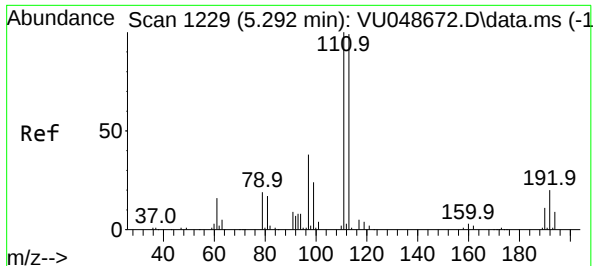
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 16.1 0.0 32.2

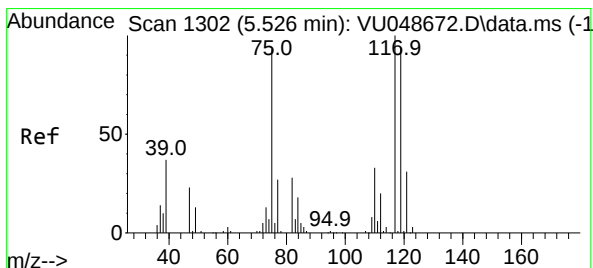
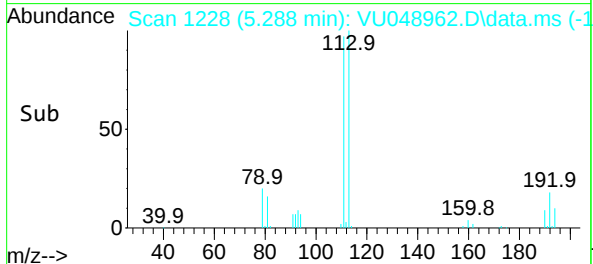
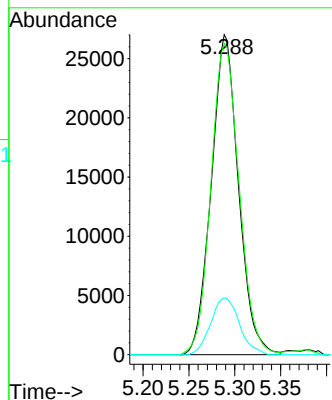
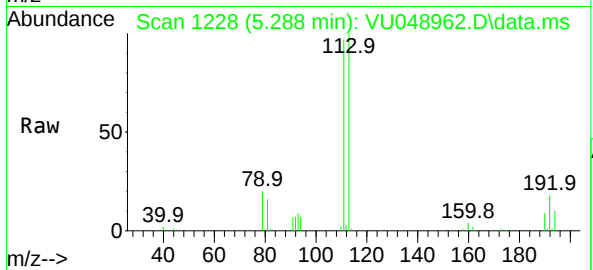




#35
Dibromofluoromethane
Concen: 18.699 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

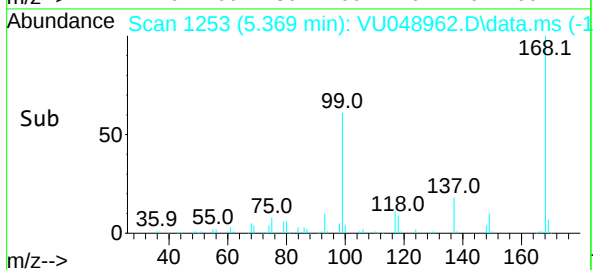
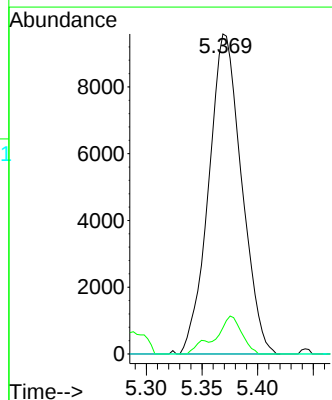
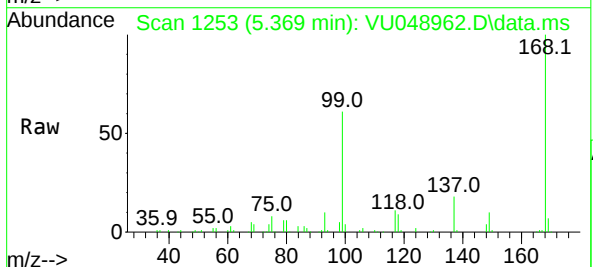
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

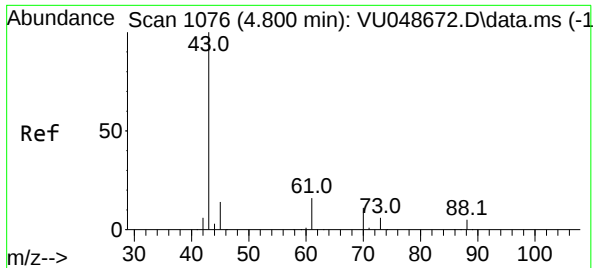
Tgt Ion:113 Resp: 55649
Ion Ratio Lower Upper
113 100
111 100.7 80.7 121.1
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.536 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.158 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 75 Resp: 19702
Ion Ratio Lower Upper
75 100
110 7.9 17.4 52.3#
77 0.0 24.8 37.2#

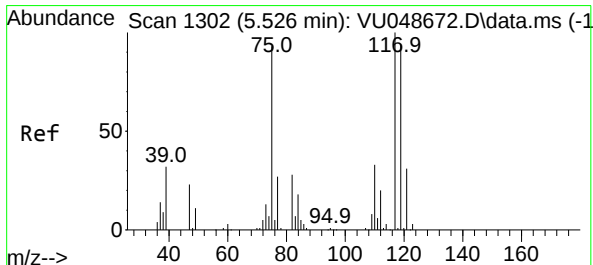
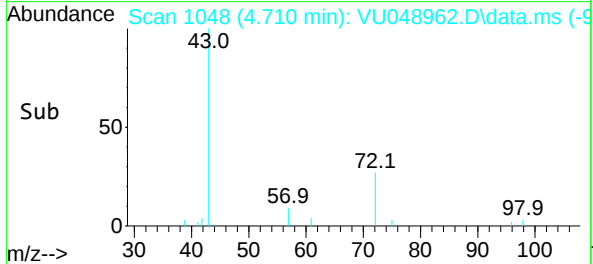
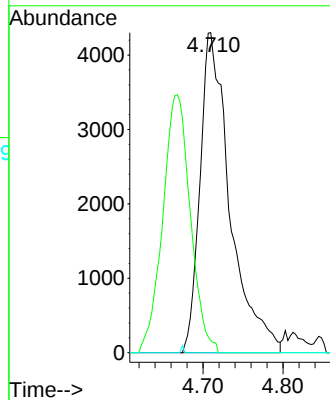
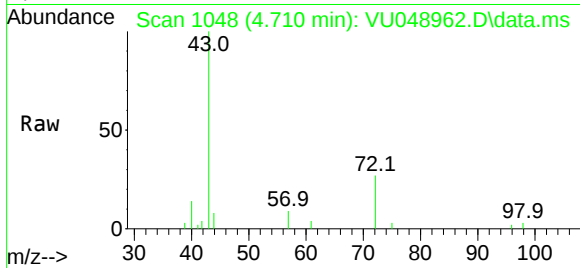




#37
Ethyl Acetate
Concen: 2.048 ug/l
RT: 4.710 min Scan# 11244
Delta R.T. -0.090 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

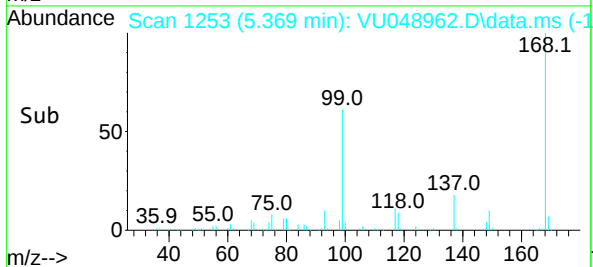
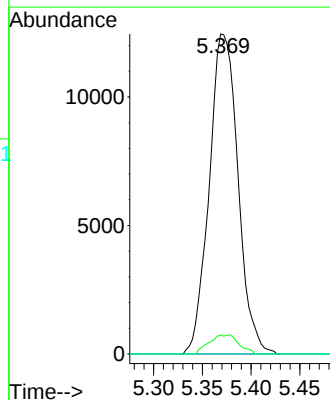
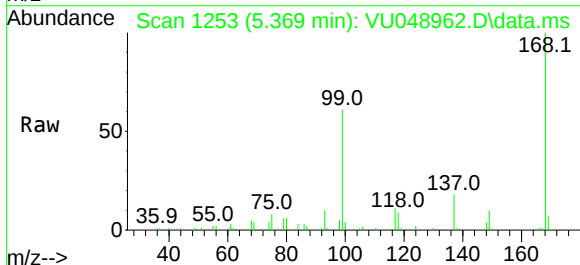
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

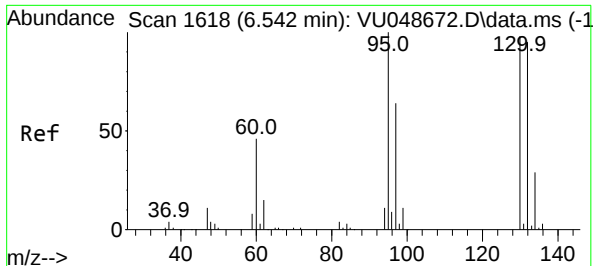
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	8.4	12.6#



#38
Carbon Tetrachloride
Concen: 5.140 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.158 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.4	113.2#
121	0.0	24.6	36.8#

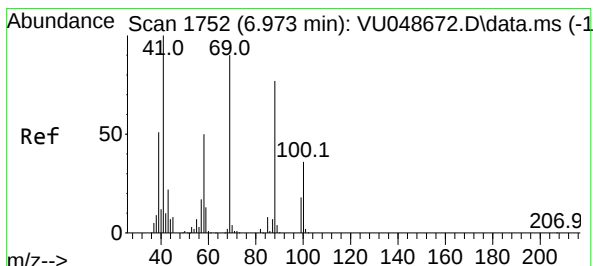
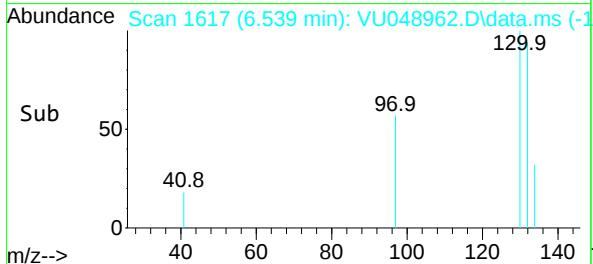
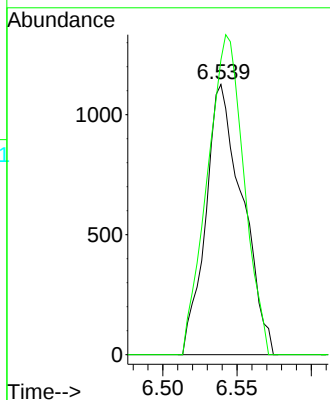
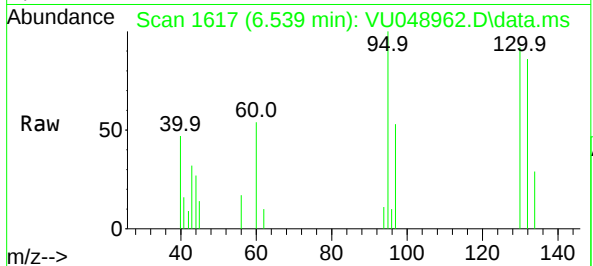




#44
Trichloroethene
Concen: 0.586 ug/l
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

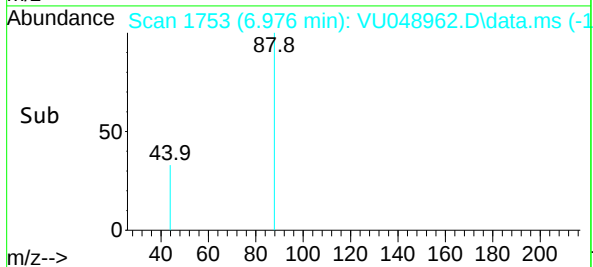
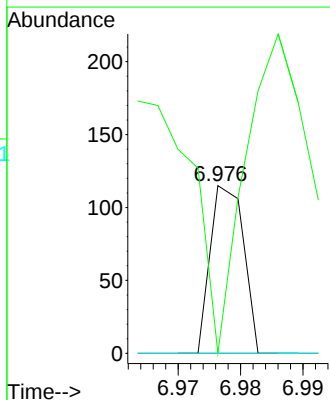
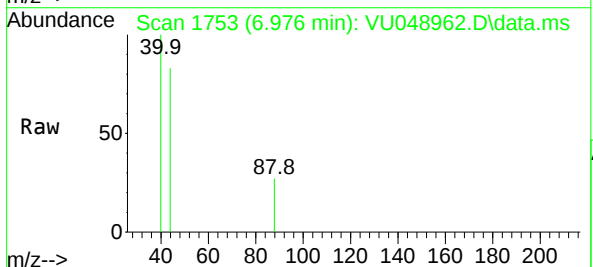
Instrument :
MSVOA_U
ClientSampleId :
20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

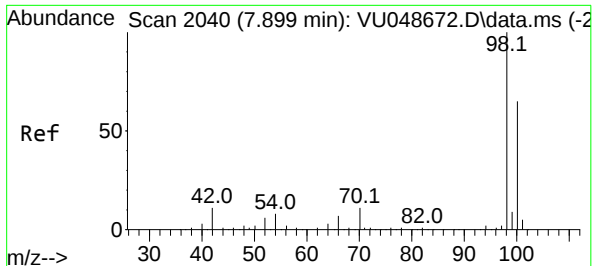
Tgt Ion:130 Resp: 1936
Ion Ratio Lower Upper
130 100
95 109.1 0.0 204.8



#49
1,4-Dioxane
Concen: 0.538 ug/l
RT: 6.976 min Scan# 1753
Delta R.T. 0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 446.5 24.6 36.8#
58 0.0 54.7 82.1#

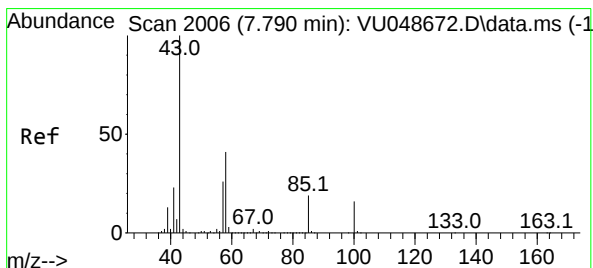
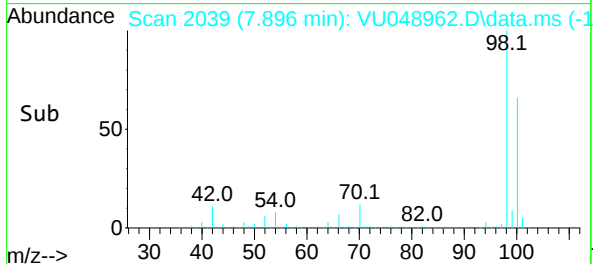
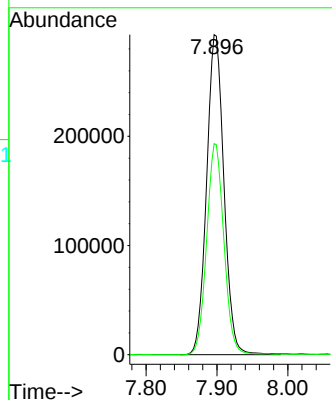
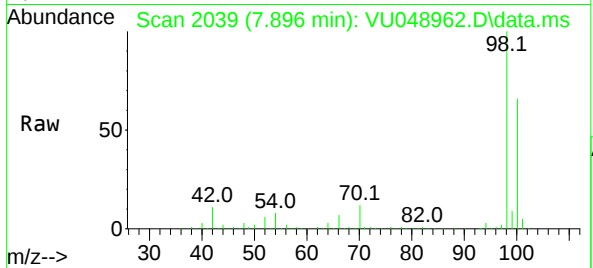




#50
Toluene-d8
Concen: 46.718 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

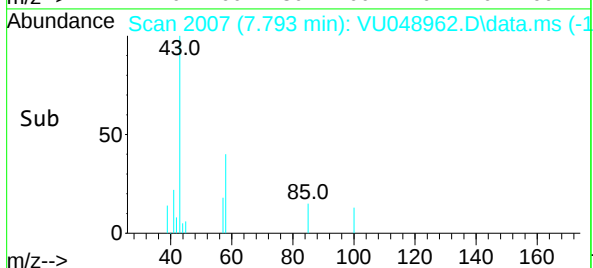
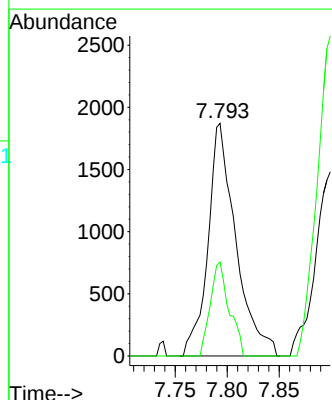
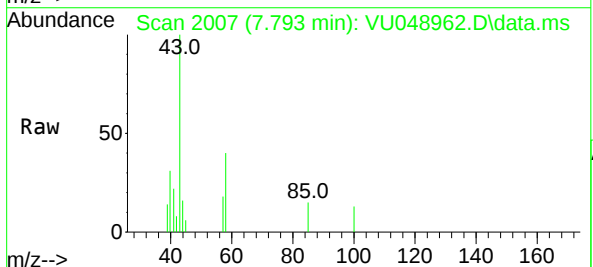
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

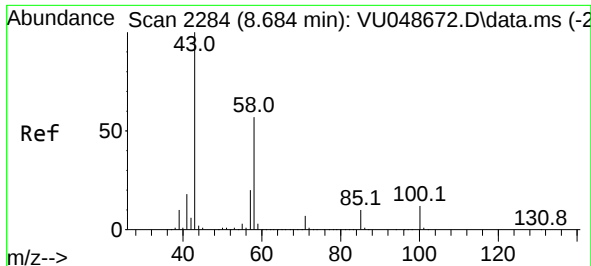
Tgt Ion: 98 Resp: 498405
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.675 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 43 Resp: 3495
Ion Ratio Lower Upper
43 100
58 27.2 32.7 49.1#

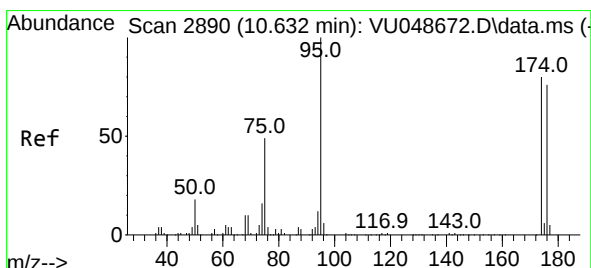
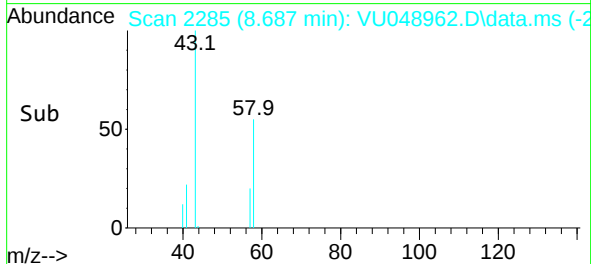
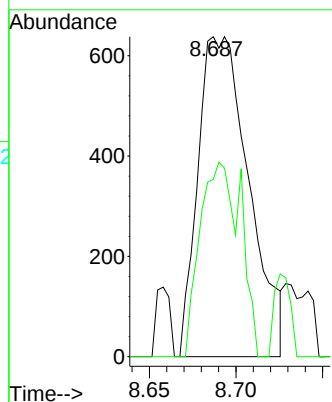
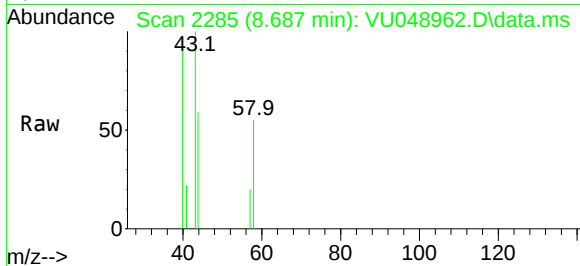




#59
2-Hexanone
Concen: 0.307 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

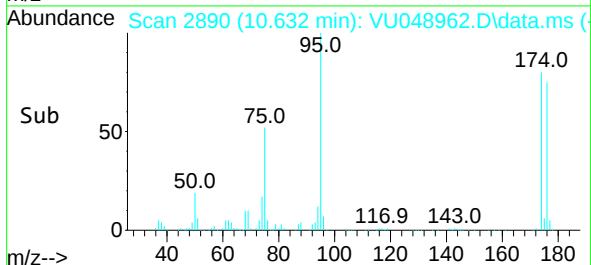
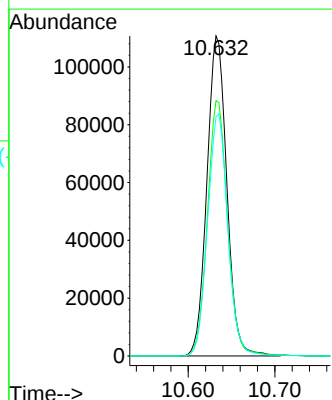
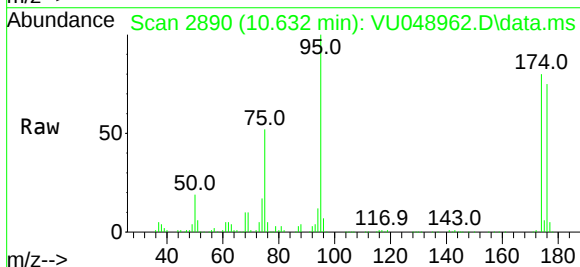
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

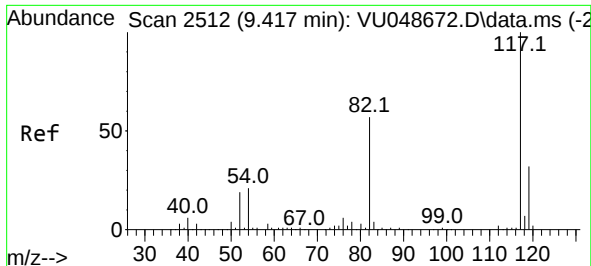
Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
58 48.5 28.2 84.6



#62
4-Bromofluorobenzene
Concen: 43.862 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 95 Resp: 176966
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.4
176 76.6 0.0 152.4

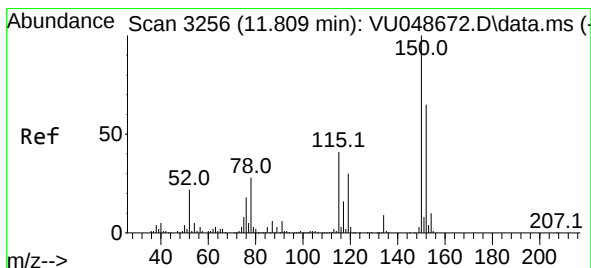
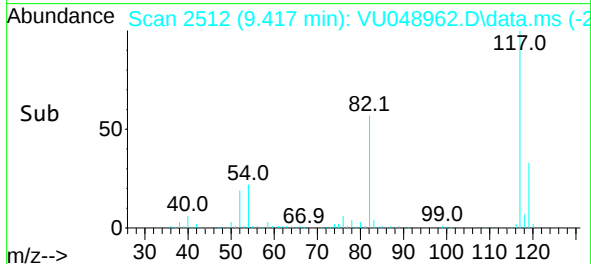
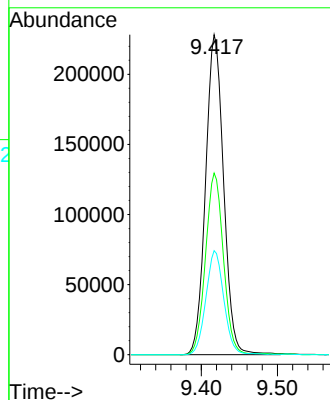
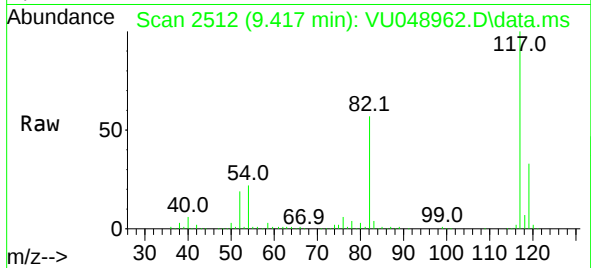




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

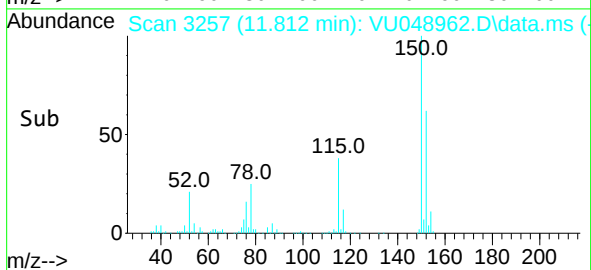
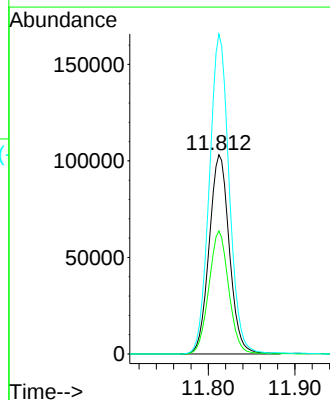
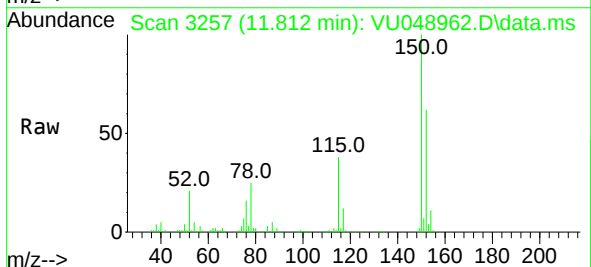
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

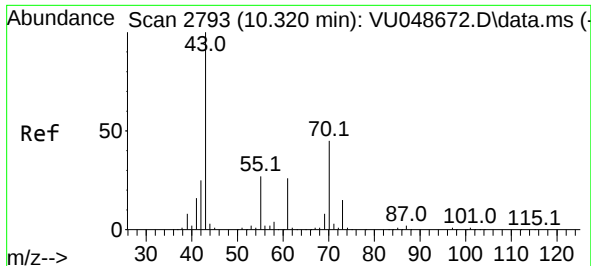
Tgt Ion:117 Resp: 376151
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion:152 Resp: 167197
Ion Ratio Lower Upper
152 100
115 60.7 41.8 125.4
150 157.7 0.0 341.0

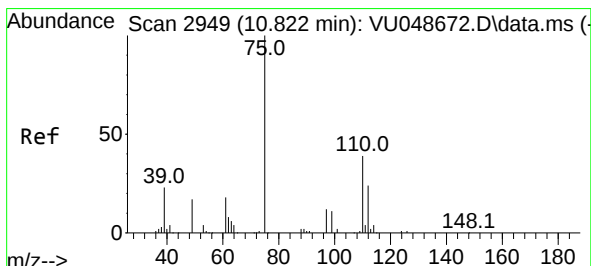
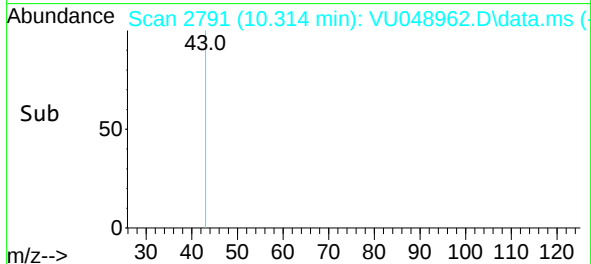
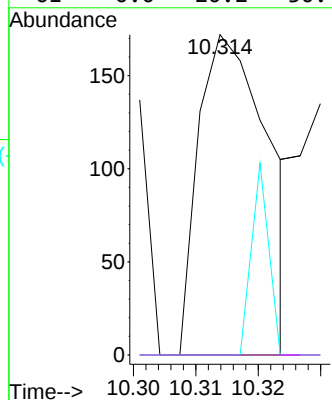
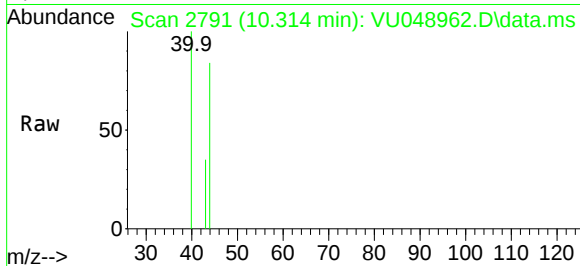




#74
N-amy1 acetate
Concen: 2.490 ug/l
RT: 10.314 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

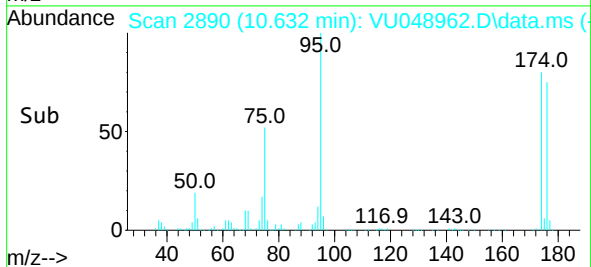
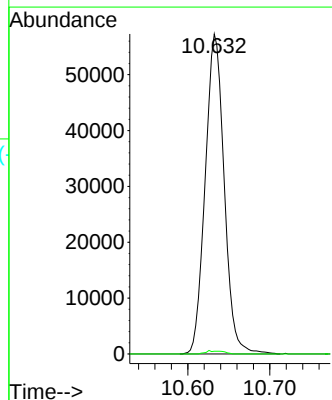
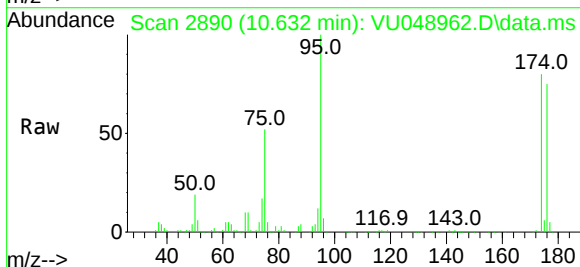
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

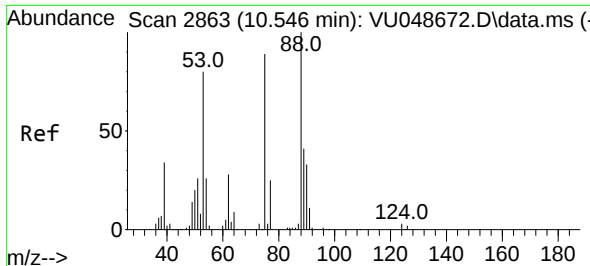
Tgt Ion: 43	Resp: 133
Ion Ratio	Lower Upper
43 100	
70 0.0	35.8 53.6#
55 15.0	21.1 31.7#
61 0.0	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 17.075 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 75	Resp: 92049
Ion Ratio	Lower Upper
75 100	
77 0.5	14.8 44.3#

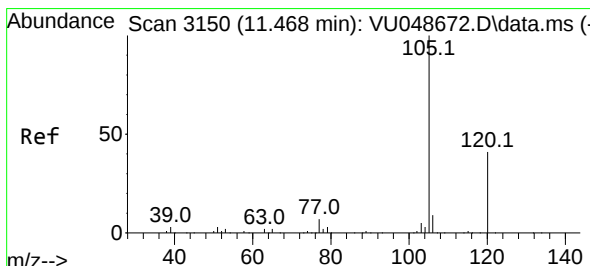
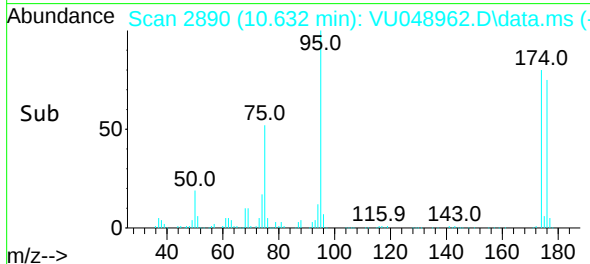
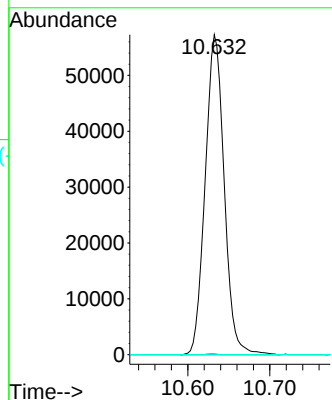
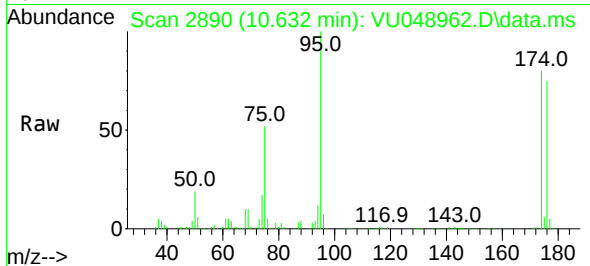




#81
trans-1,4-Dichloro-2-butene
Concen: 61.997 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

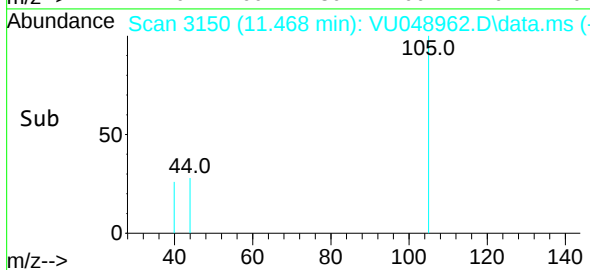
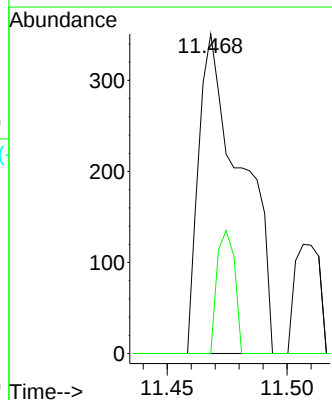
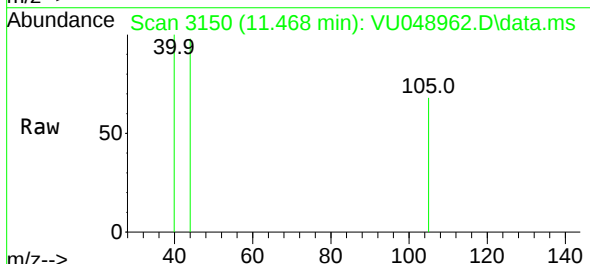
Instrument : MSVOA_U
ClientSampleId : 20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

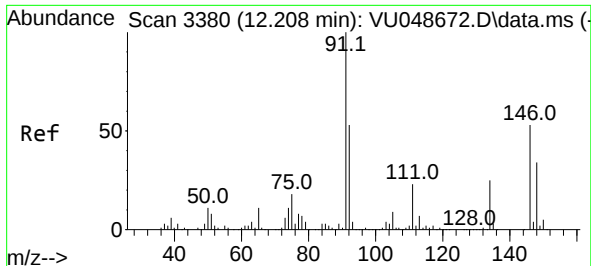
Tgt Ion: 75 Resp: 92049
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.229 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048962.D
Acq: 08 Jun 2022 15:06

Tgt Ion: 105 Resp: 437
Ion Ratio Lower Upper
105 100
120 15.8 22.5 67.5#





#89

n-Butylbenzene

Concen: 2.257 ug/l

RT: 12.217 min Scan# 31

Delta R.T. 0.009 min

Lab File: VU048962.D

Acq: 08 Jun 2022 15:06

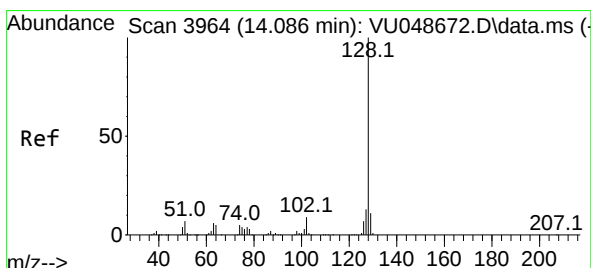
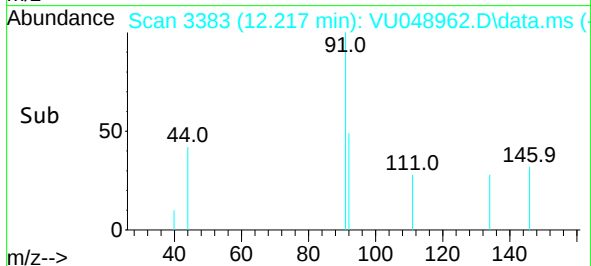
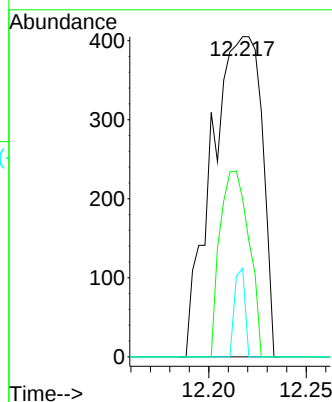
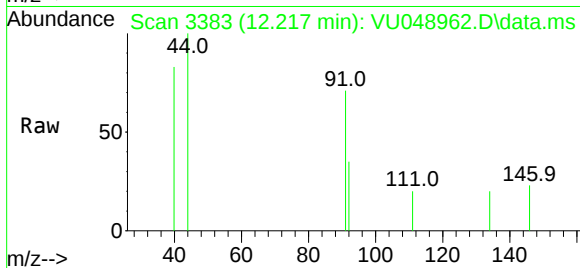
Instrument :

MSVOA_U

ClientSampleId :

20220427-SPLP-AMENDED-SB-8-(DISCRETE-COMP-G)RE

Tgt Ion: 91	Resp:	724
Ion	Ratio	Lower Upper
91	100	
92	33.4	25.9 77.8
134	5.7	12.5 37.5#



#95

Naphthalene

Concen: 2.817 ug/l

RT: 14.098 min Scan# 3968

Delta R.T. 0.012 min

Lab File: VU048962.D

Acq: 08 Jun 2022 15:06

Tgt Ion: 128	Resp:	3936
Ion	Ratio	Lower Upper
128	100	
127	9.8	10.2 15.4#
129	2.6	8.7 13.1#

