

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048967.D
 Acq On : 08 Jun 2022 17:05
 Operator : SY/MD
 Sample : N3209-13
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-1

Quant Time: Jun 09 09:56:58 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	5.366	168	273723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	463089	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	427323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	222132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	201393	48.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.980%
35) Dibromofluoromethane	5.288	113	150415	45.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.060%
50) Toluene-d8	7.896	98	597606	50.461	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.920%
62) 4-Bromofluorobenzene	10.642	95	242861	54.224	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.440%

Target Compounds				Qvalue		
5) Bromomethane	1.848	94	84	Below Cal	#	16
6) Chloroethane	1.925	64	117	Below Cal	#	1
11) Tert butyl alcohol	3.176	59	23385	22.438	ug/l #	28
13) Acrolein	2.494	56	140	Below Cal	#	14
15) Acrylonitrile	3.327	53	1567	0.693	ug/l #	39
16) Acetone	2.645	43	2850	1.360	ug/l	92
18) Methyl Acetate	2.957	43	1090	0.207	ug/l #	75
20) Methylene Chloride	3.025	84	1477	0.415	ug/l #	78
25) 2-Butanone	4.722	43	29810	9.905	ug/l	92
29) Tetrahydrofuran	5.066	42	801	0.423	ug/l #	47
31) Cyclohexane	5.369	56	16896	3.261	ug/l #	50
36) 1,1-Dichloropropene	5.366	75	23245	4.821	ug/l #	51
37) Ethyl Acetate	4.722	43	29810	4.890	ug/l #	68
38) Carbon Tetrachloride	5.362	117	29611	5.353	ug/l #	16
39) Methylcyclohexane	6.755	83	552449	109.270	ug/l	99
41) Methacrylonitrile	5.115	41	4707	1.528	ug/l #	34
43) Isopropyl Acetate	5.909	43	4945	0.559	ug/l #	60
45) 1,2-Dichloropropane	6.755	63	6180	1.724	ug/l #	1
46) Dibromomethane	7.063	93	1394	0.521	ug/l #	1
47) Bromodichloromethane	7.063	83	11693	2.160	ug/l #	59
48) Methyl methacrylate	6.973	41	23526	5.923	ug/l #	40
51) 4-Methyl-2-Pentanone	7.748	43	5272	0.918	ug/l #	34
55) 1,1,2-Trichloroethane	8.369	97	215381	57.314	ug/l #	19
56) Ethyl methacrylate	8.369	69	47201	10.146	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.459	63	158	29.861	ug/l #	47
59) 2-Hexanone	8.632	43	399097	84.621	ug/l #	27
67) Ethyl Benzene	9.571	91	3749	0.246	ug/l	92
68) m/p-Xylenes	9.697	106	4376	0.734	ug/l #	1
69) o-Xylene	10.102	106	1613	0.275	ug/l #	29
73) Isopropylbenzene	10.488	105	171141	11.934	ug/l	99
74) N-amyl acetate	10.314	43	80973	13.070	ug/l #	29
75) 1,1,2,2-Tetrachloroethane	10.809	83	217687	37.197	ug/l #	25
76) 1,2,3-Trichloropropane	10.639	75	111922	15.627	ug/l #	51
78) n-propylbenzene	10.912	91	179241	10.489	ug/l	97
79) 2-Chlorotoluene	10.912	91	179241	16.867	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.095	105	4130	0.331	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

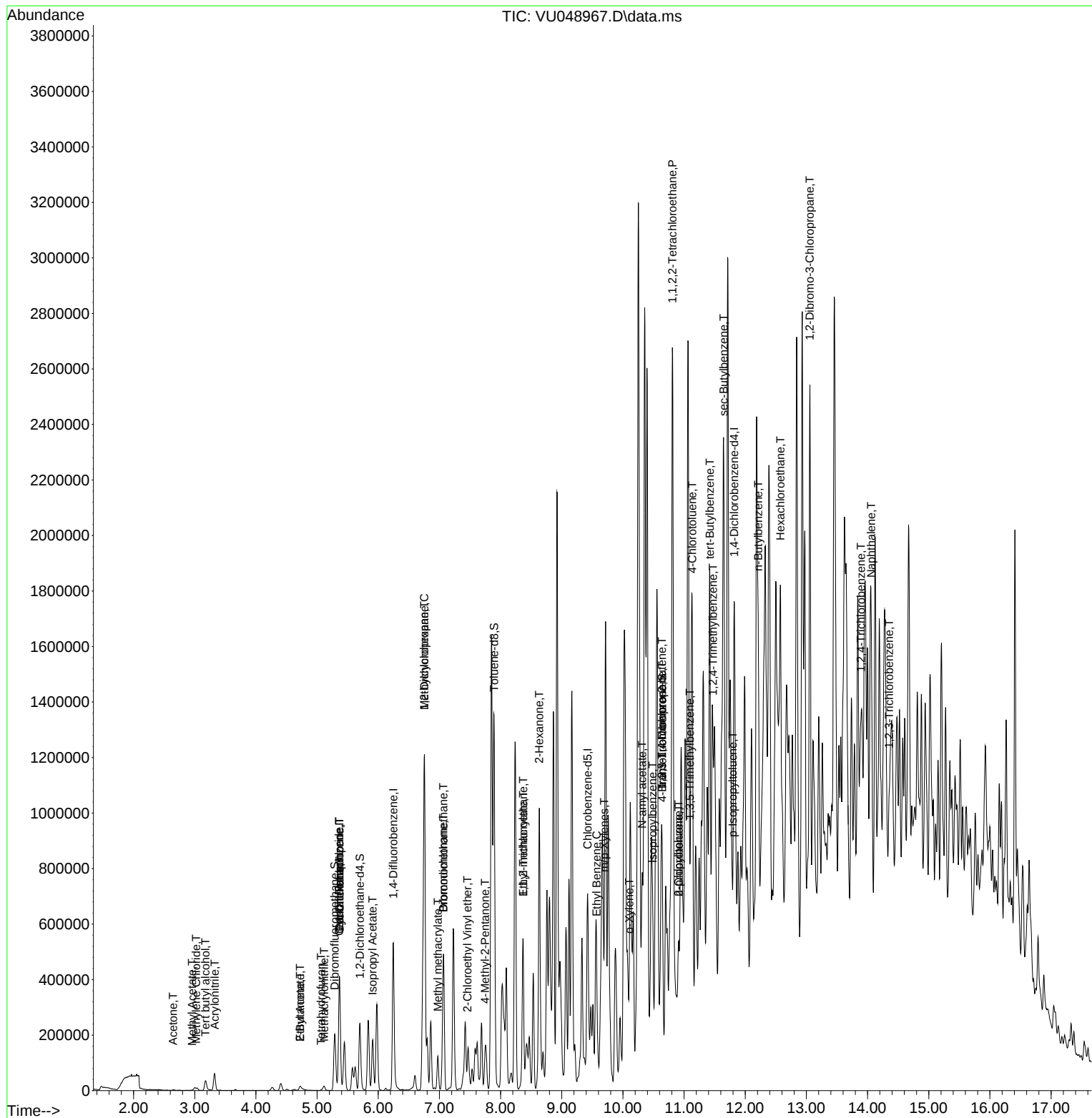
81) trans-1,4-Dichloro-2-b...	10.639	75	111922	56.740	ug/l #	21
82) 4-Chlorotoluene	11.134	91	6963	0.568	ug/l #	46
83) tert-Butylbenzene	11.423	119	27513	2.299	ug/l	92
84) 1,2,4-Trimethylbenzene	11.471	105	12427	2.090	ug/l	95
85) sec-Butylbenzene	11.648	105	230919	15.421	ug/l	100
86) p-Isopropyltoluene	11.796	119	3983	0.310	ug/l #	50
89) n-Butylbenzene	12.211	91	143736	12.864	ug/l	91
90) Hexachloroethane	12.574	117	63303	24.121	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	13.057	75	442	0.262	ug/l	85
93) 1,2,4-Trichlorobenzene	13.893	180	1393	0.278	ug/l #	1
95) Naphthalene	14.060	128	38892	4.644	ug/l #	22
96) 1,2,3-Trichlorobenzene	14.352	180	7979	1.609	ug/l #	1

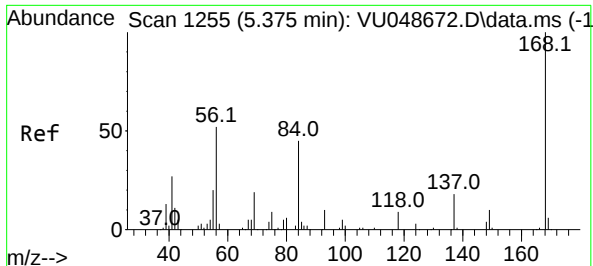
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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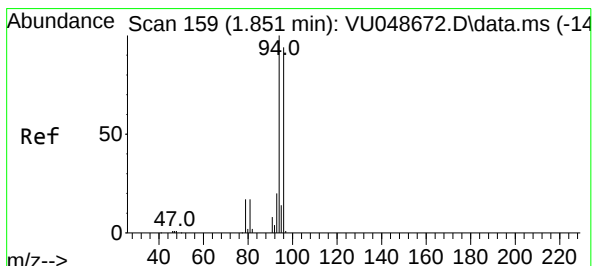
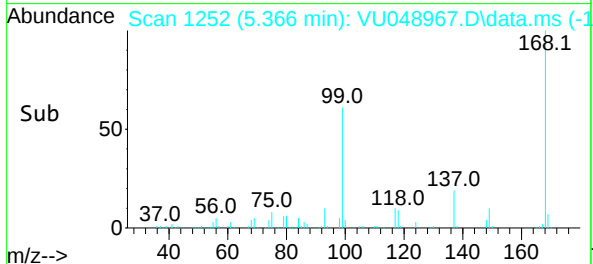
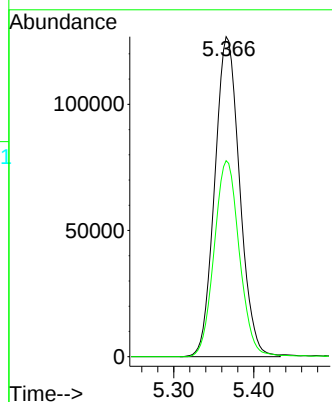
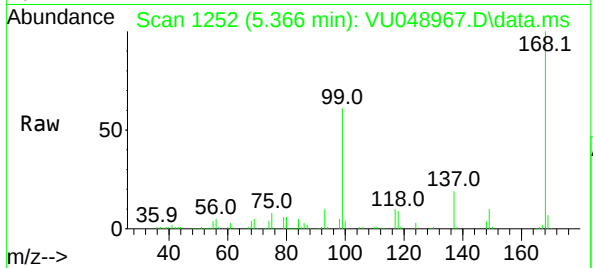




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

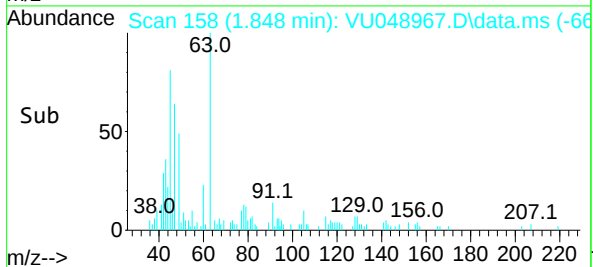
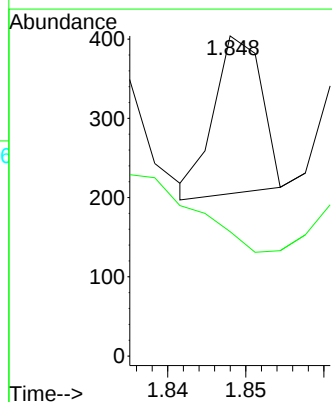
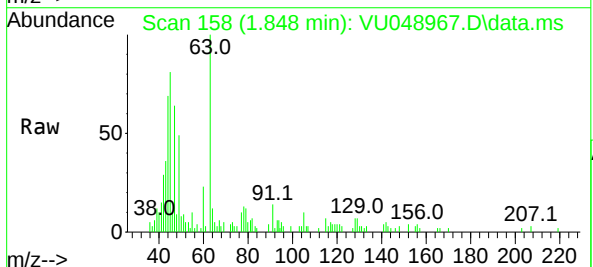
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

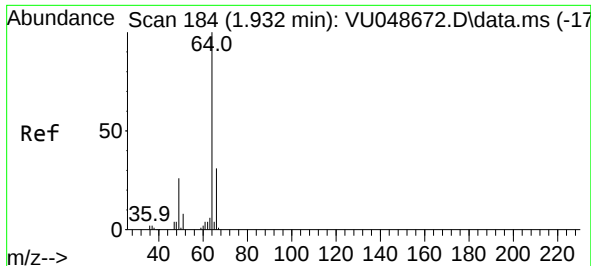
Tgt Ion:168 Resp: 273723
Ion Ratio Lower Upper
168 100
99 61.3 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.848 min Scan# 158
Delta R.T. -0.003 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 94 Resp: 84
Ion Ratio Lower Upper
94 100
96 12.6 75.1 112.7#

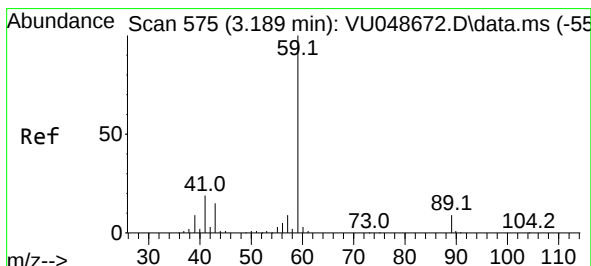
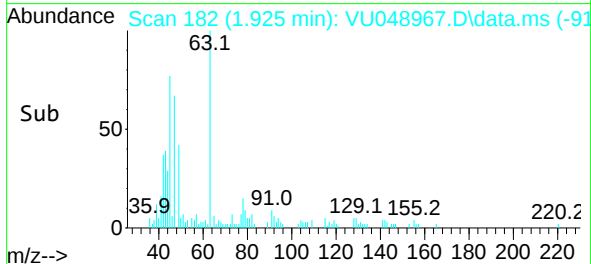
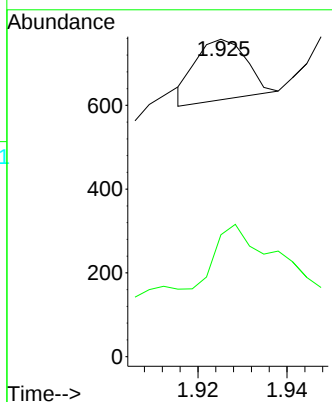
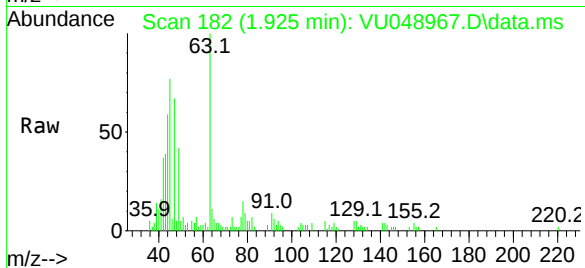




#6
Chloroethane
Concen: Below Cal
RT: 1.925 min Scan# 117
Delta R.T. -0.007 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

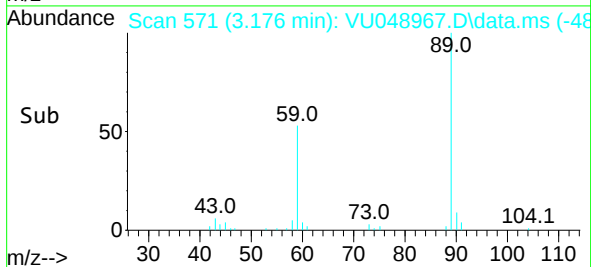
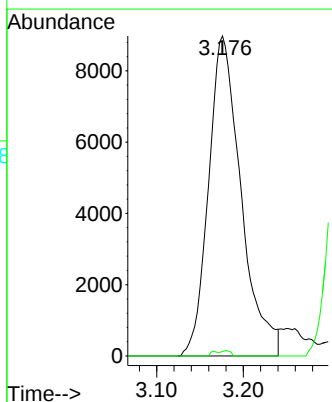
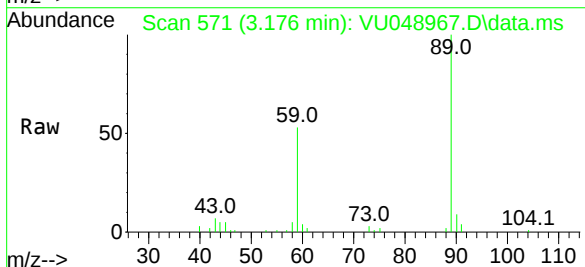
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

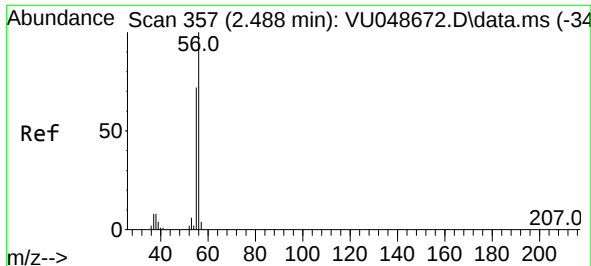
Tgt Ion: 64 Resp: 117
Ion Ratio Lower Upper
64 100
66 104.8 25.2 37.8#



#11
Tert butyl alcohol
Concen: 22.438 ug/l
RT: 3.176 min Scan# 571
Delta R.T. -0.013 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 59 Resp: 23385
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#





#13

Acrolein

Concen: Below Cal

RT: 2.494 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

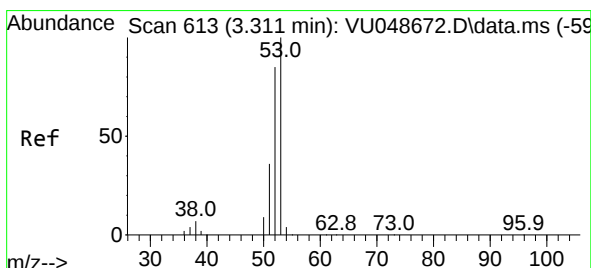
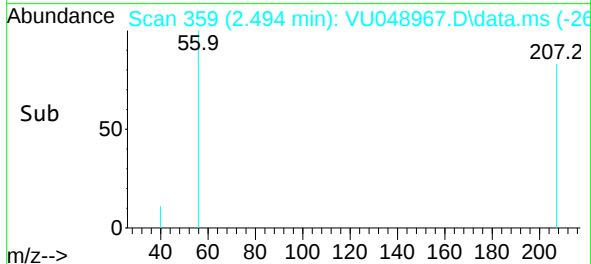
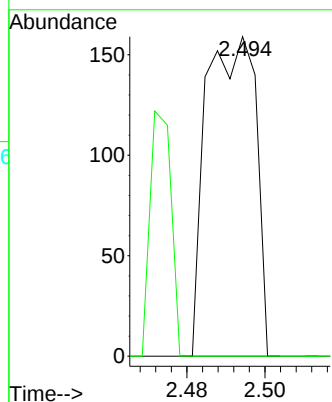
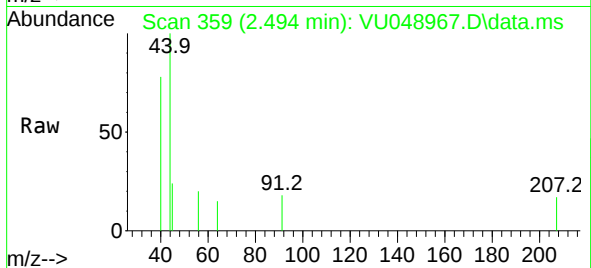
WC-14B-2-1

Tgt Ion: 56 Resp: 140

Ion Ratio Lower Upper

56 100

55 0.0 57.7 86.5#



#15

Acrylonitrile

Concen: 0.693 ug/l

RT: 3.327 min Scan# 618

Delta R.T. 0.016 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

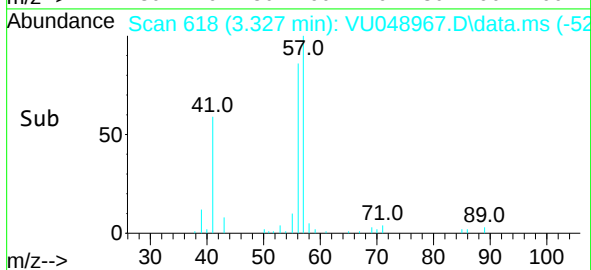
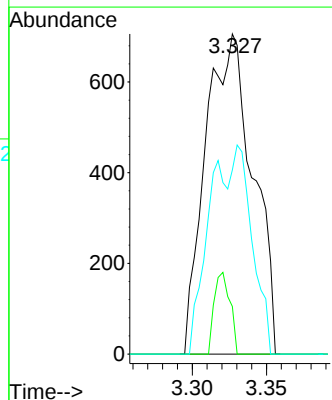
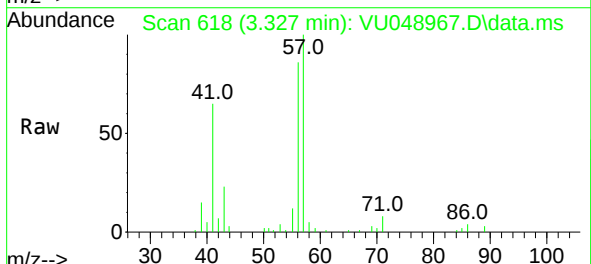
Tgt Ion: 53 Resp: 1567

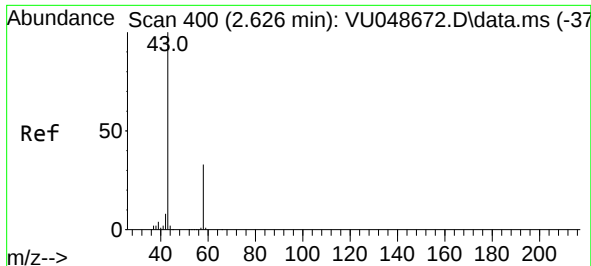
Ion Ratio Lower Upper

53 100

52 8.5 66.3 99.5#

51 28.8 28.6 42.8

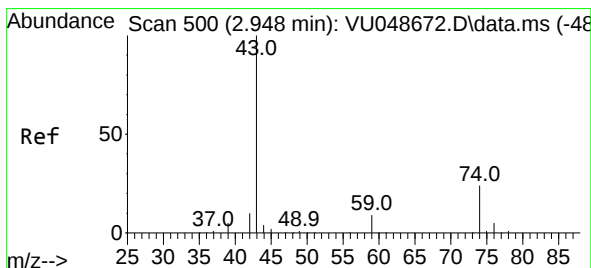
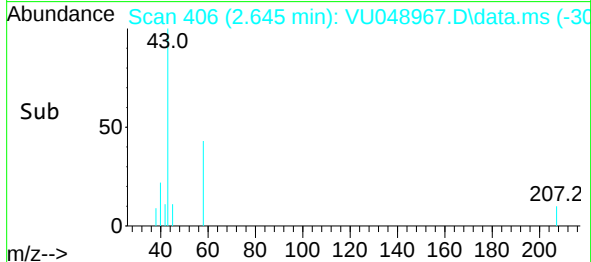
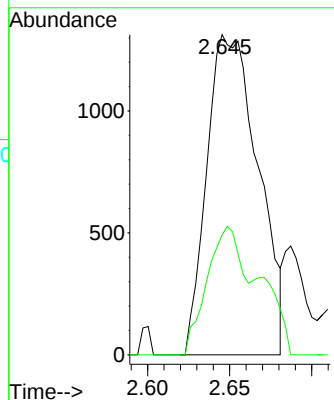
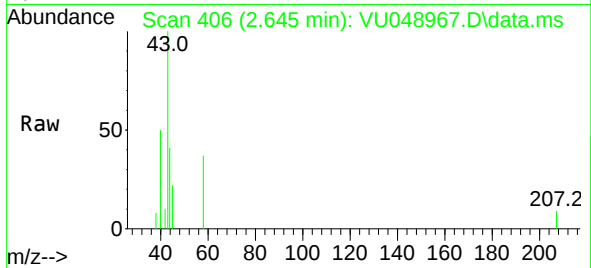




#16
Acetone
Concen: 1.360 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.019 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

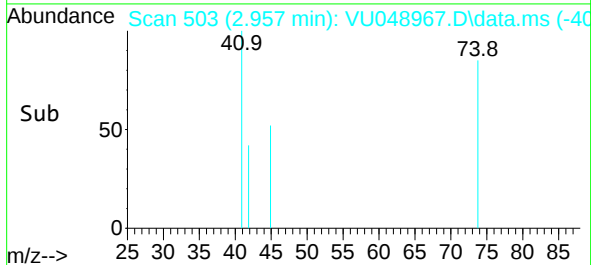
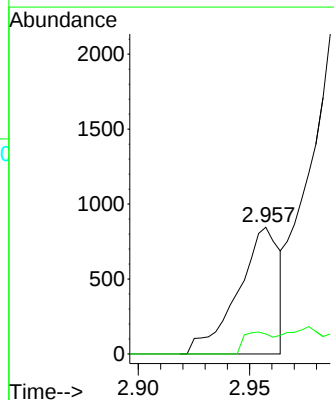
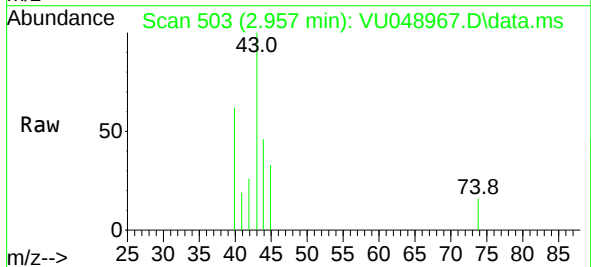
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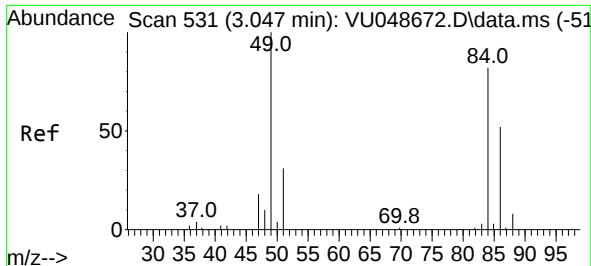
Tgt Ion: 43 Resp: 2850
Ion Ratio Lower Upper
43 100
58 37.5 26.3 39.5



#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
74 11.7 19.2 28.8#

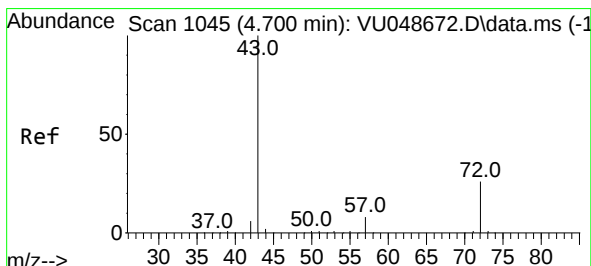
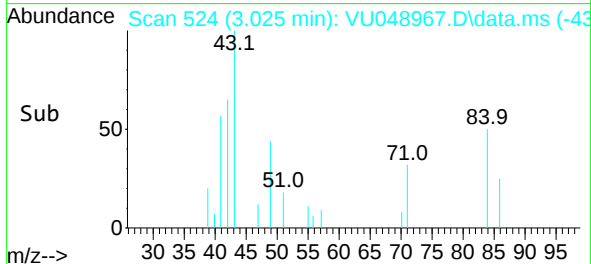
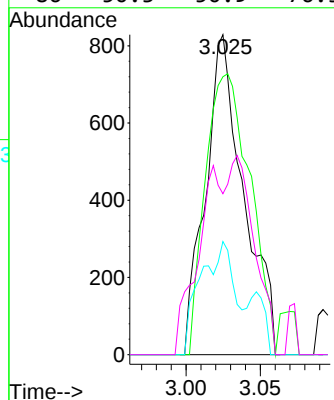
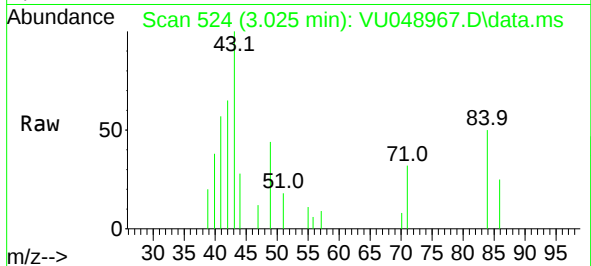




#20
Methylene Chloride
Concen: 0.415 ug/l
RT: 3.025 min Scan# 51
Delta R.T. -0.023 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

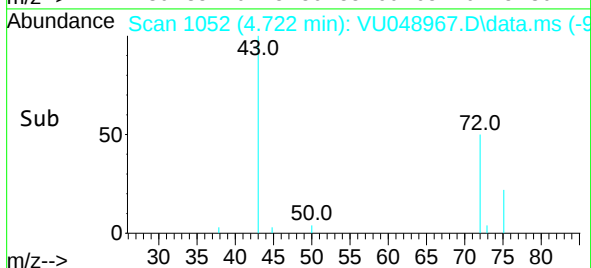
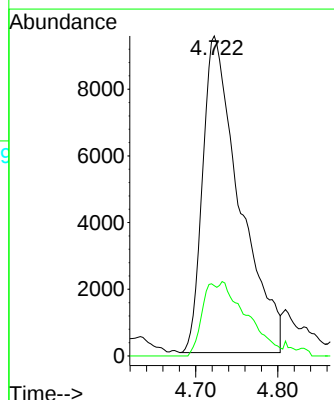
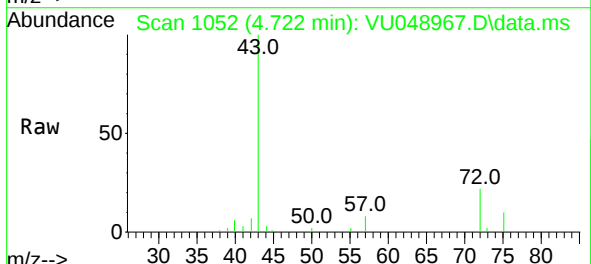
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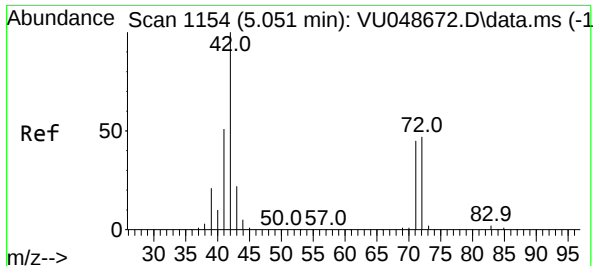
Tgt Ion: 84	Resp: 1477
Ion Ratio	Lower Upper
84 100	
49 86.9	97.0 145.4#
51 35.3	29.8 44.8
86 50.3	50.9 76.3#



#25
2-Butanone
Concen: 9.905 ug/l
RT: 4.722 min Scan# 1052
Delta R.T. 0.022 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 43	Resp: 29810		
Ion Ratio	Lower	Upper	
43 100			
72 22.2	21.1	31.7	





#29

Tetrahydrofuran

Concen: 0.423 ug/l

RT: 5.066 min Scan# 1154

Delta R.T. 0.016 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-1

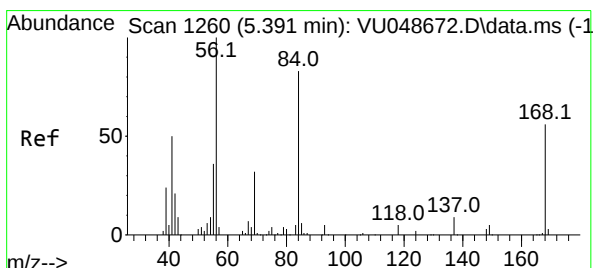
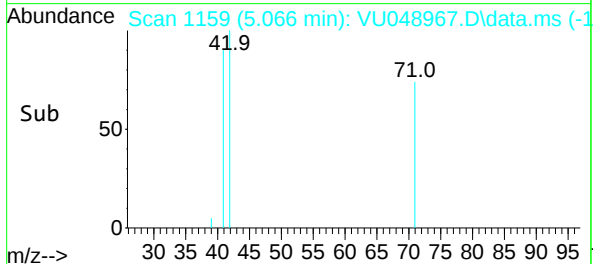
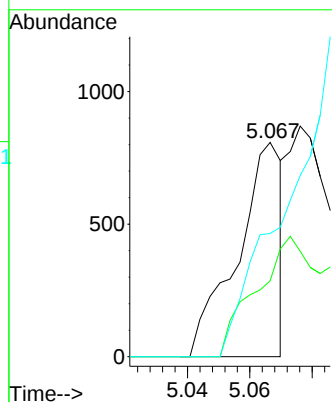
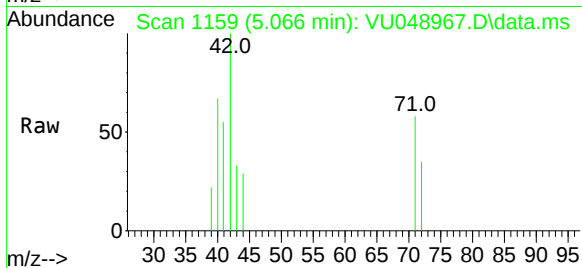
Tgt Ion: 42 Resp: 801

Ion Ratio Lower Upper

42 100

72 72.8 37.6 56.4#

71 0.0 35.0 52.4#



#31

Cyclohexane

Concen: 3.261 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.023 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

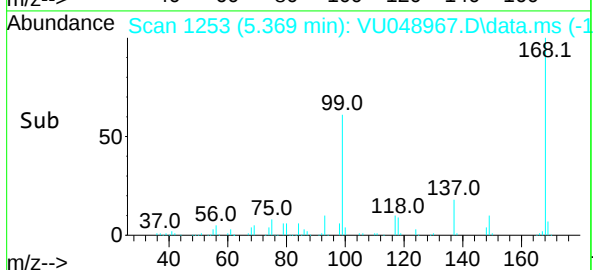
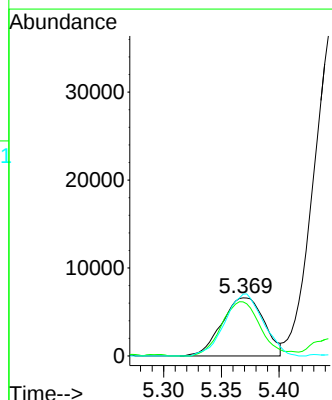
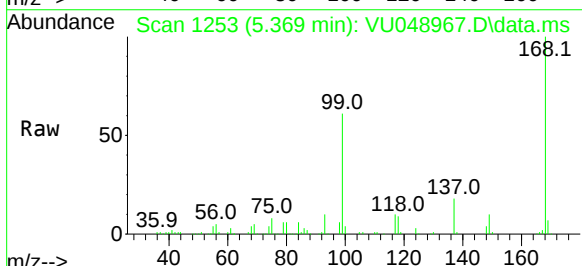
Tgt Ion: 56 Resp: 16896

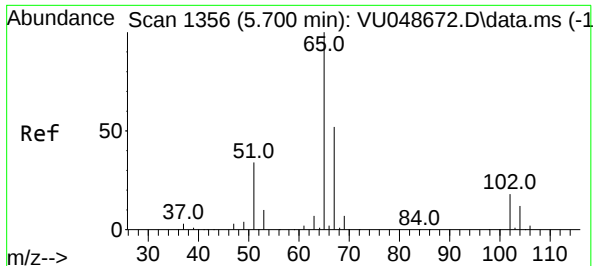
Ion Ratio Lower Upper

56 100

69 93.2 25.6 38.4#

84 106.4 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 48.991 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

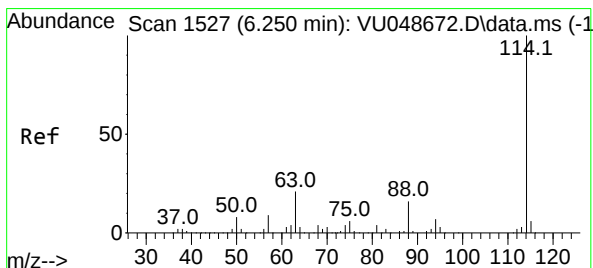
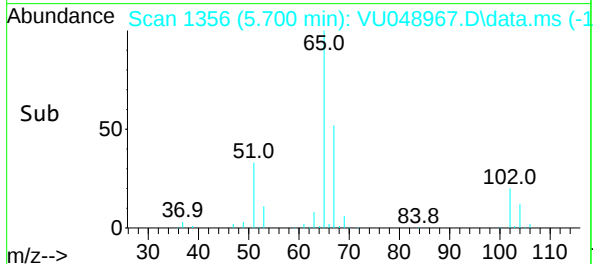
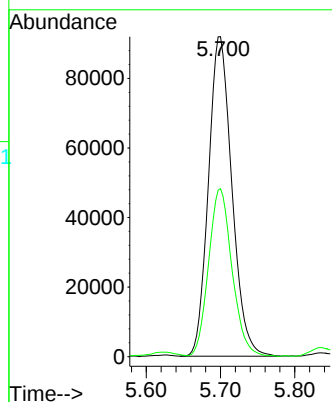
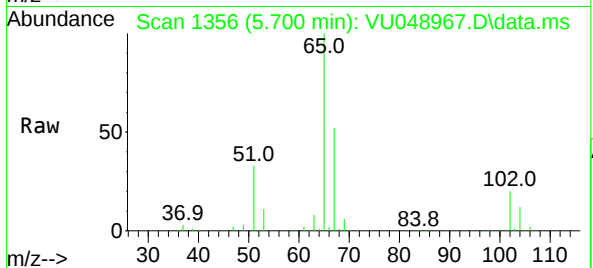
WC-14B-2-1

Tgt Ion: 65 Resp: 201393

Ion Ratio Lower Upper

65 100

67 51.9 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: VU048967.D

Acq: 08 Jun 2022 17:05

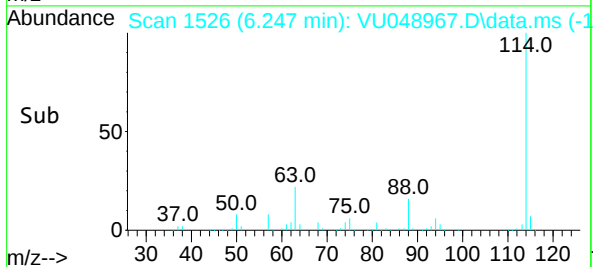
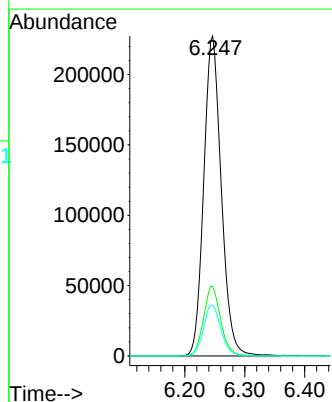
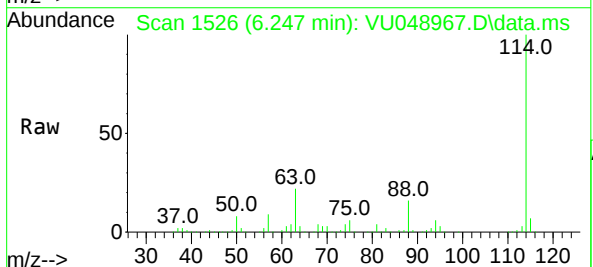
Tgt Ion: 114 Resp: 463089

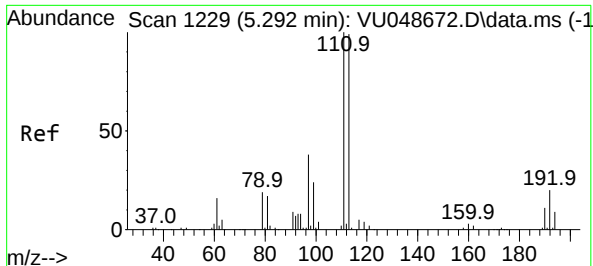
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.528 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-1

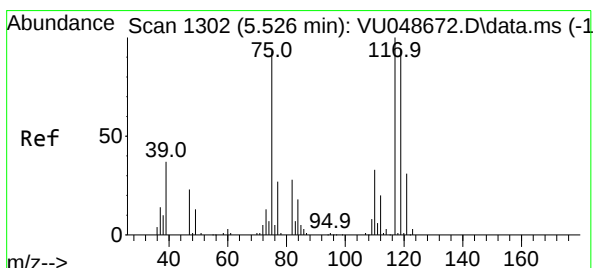
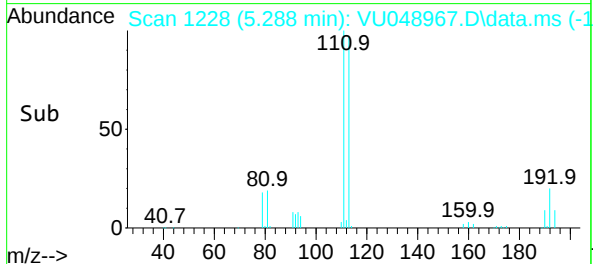
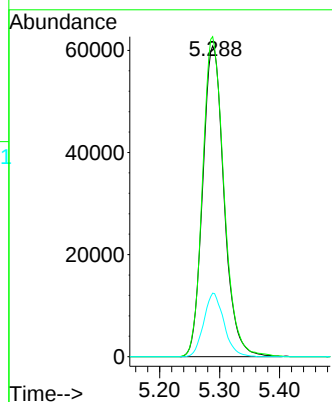
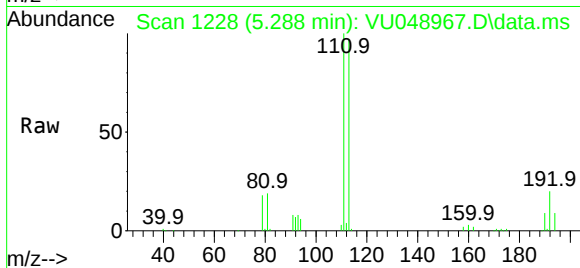
Tgt Ion:113 Resp: 150415

Ion Ratio Lower Upper

113 100

111 103.1 80.7 121.1

192 19.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.821 ug/l

RT: 5.366 min Scan# 1252

Delta R.T. -0.161 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

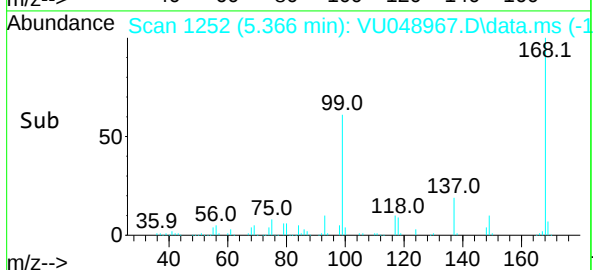
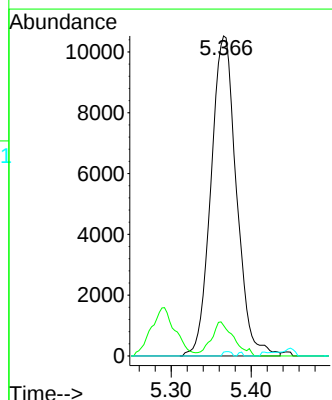
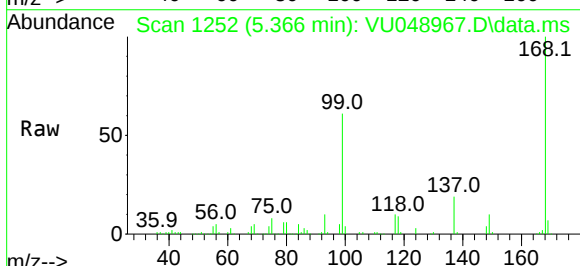
Tgt Ion: 75 Resp: 23245

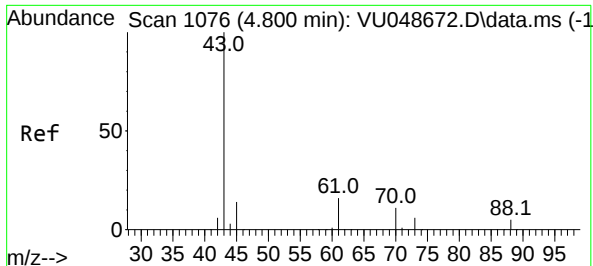
Ion Ratio Lower Upper

75 100

110 9.4 17.4 52.3#

77 0.4 24.8 37.2#





#37

Ethyl Acetate

Concen: 4.890 ug/l

RT: 4.722 min Scan# 1052

Delta R.T. -0.077 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

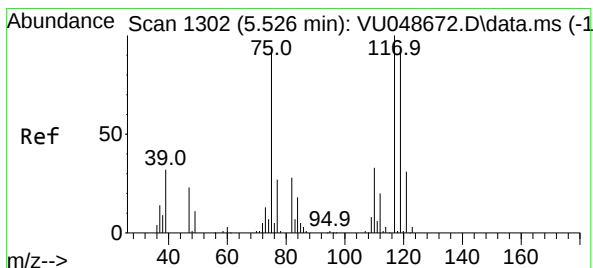
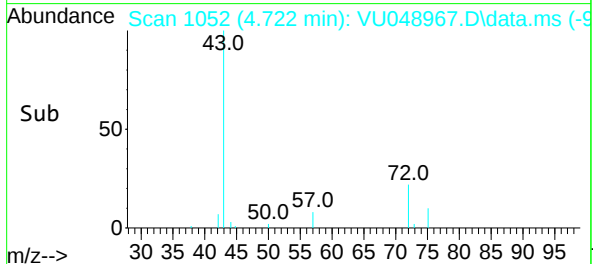
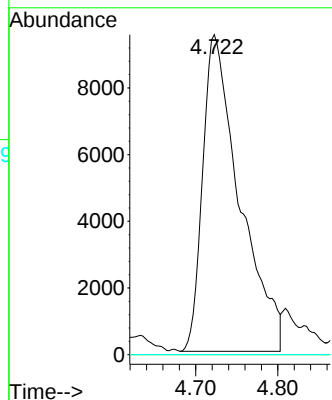
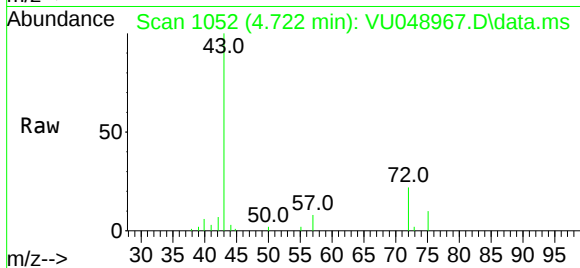
Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-1

Tgt Ion:	43	Resp:	29810
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	8.4	12.6#



#38

Carbon Tetrachloride

Concen: 5.353 ug/l

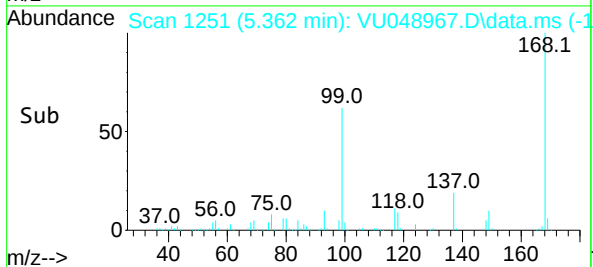
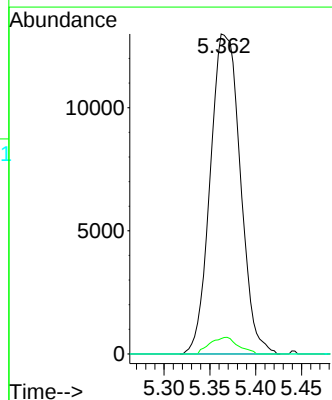
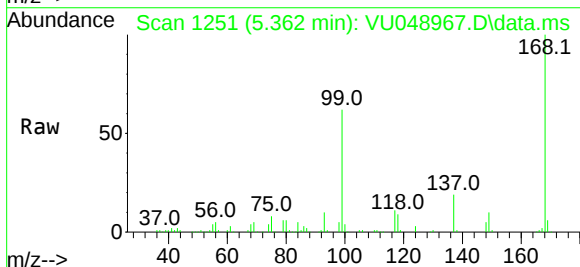
RT: 5.362 min Scan# 1251

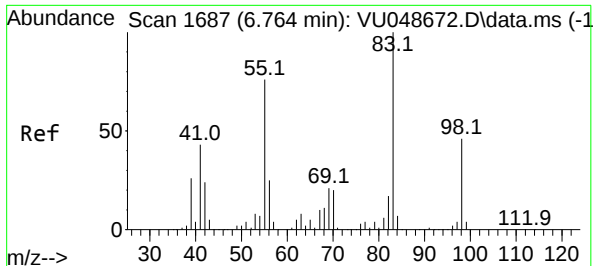
Delta R.T. -0.164 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Tgt Ion:	117	Resp:	29611
Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.4	113.2#
121	0.0	24.6	36.8#





#39

Methylcyclohexane

Concen: 109.270 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-1

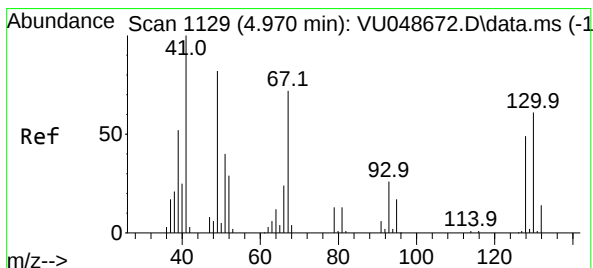
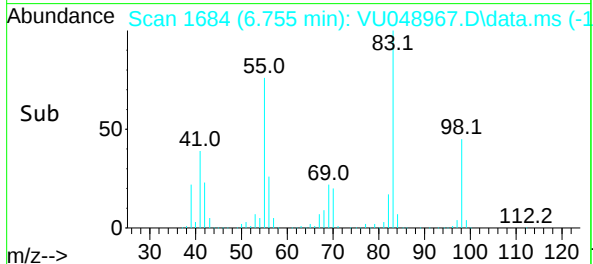
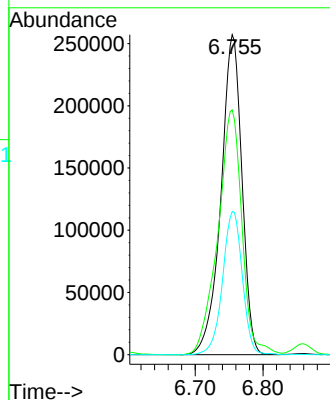
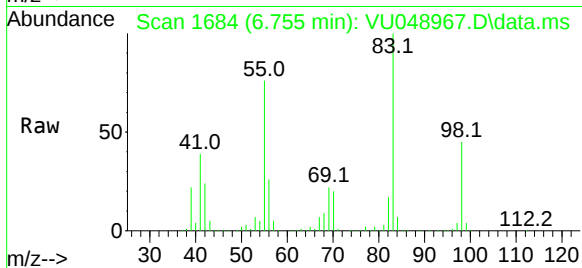
Tgt Ion: 83 Resp: 552449

Ion Ratio Lower Upper

83 100

55 76.5 61.0 91.6

98 44.7 36.8 55.2



#41

Methacrylonitrile

Concen: 1.528 ug/l

RT: 5.115 min Scan# 1174

Delta R.T. 0.145 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Tgt Ion: 41 Resp: 4707

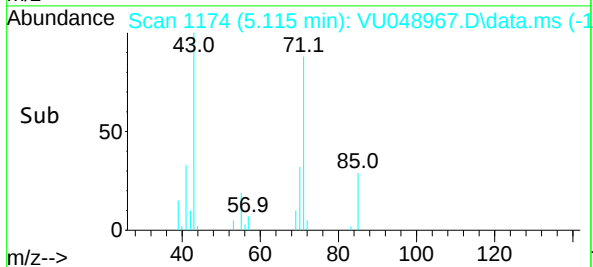
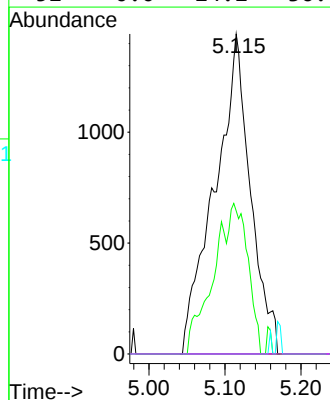
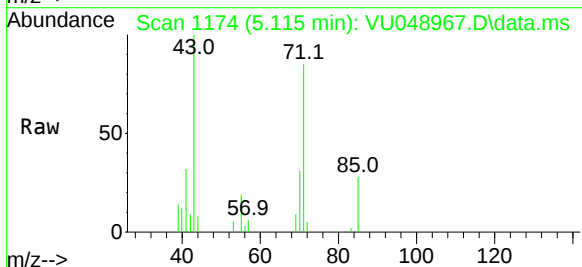
Ion Ratio Lower Upper

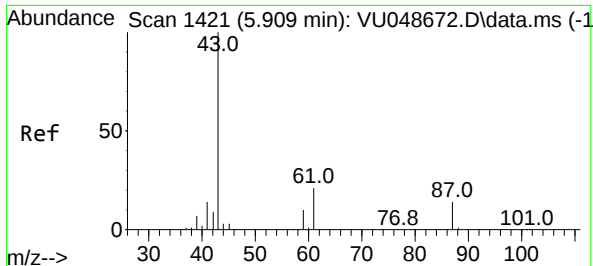
41 100

39 25.1 42.6 64.0#

67 0.0 61.0 91.4#

52 0.0 24.2 36.4#





#43

Isopropyl Acetate

Concen: 0.559 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-1

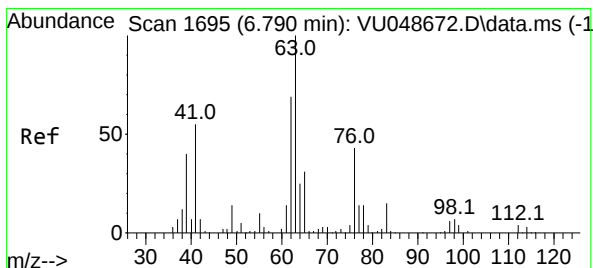
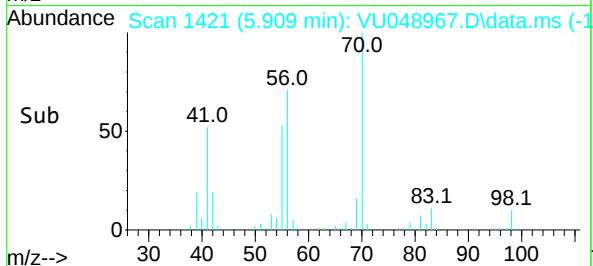
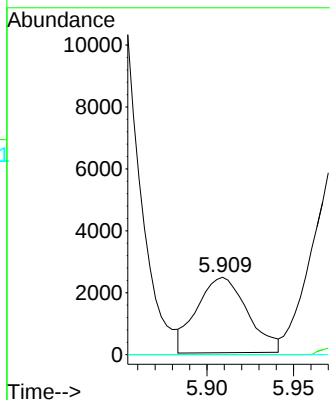
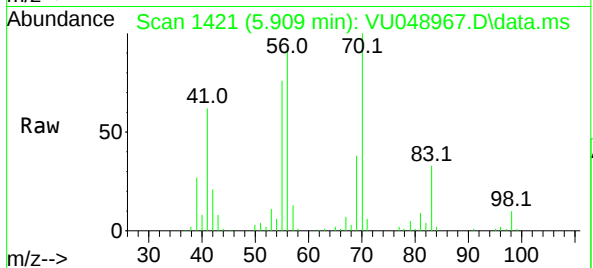
Tgt Ion: 43 Resp: 4945

Ion Ratio Lower Upper

43 100

61 0.0 16.7 25.1#

87 0.0 10.9 16.3#



#45

1,2-Dichloropropane

Concen: 1.724 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.035 min

Lab File: VU048967.D

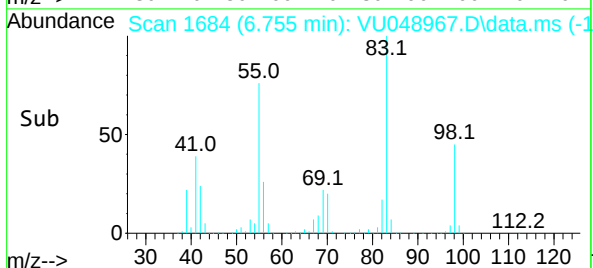
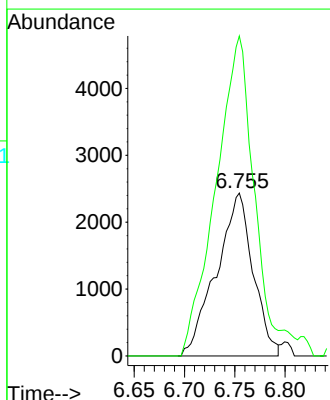
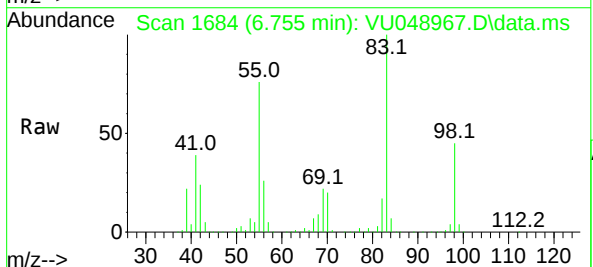
Acq: 08 Jun 2022 17:05

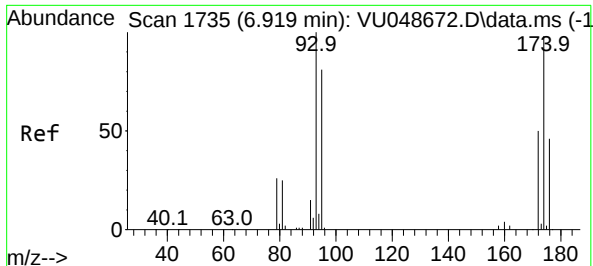
Tgt Ion: 63 Resp: 6180

Ion Ratio Lower Upper

63 100

65 196.5 24.8 37.2#

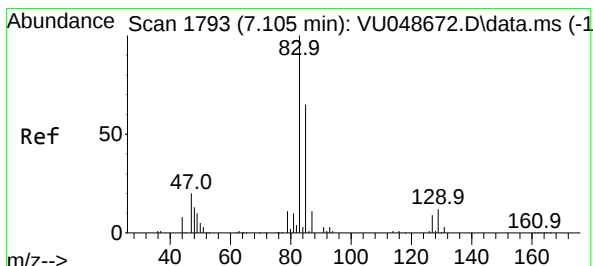
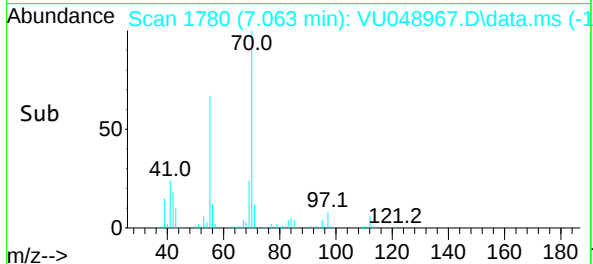
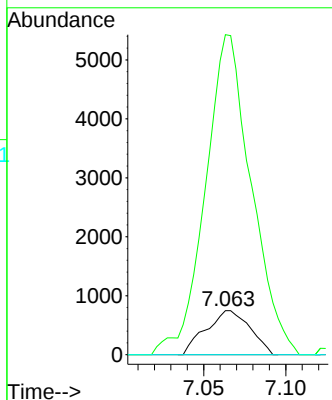
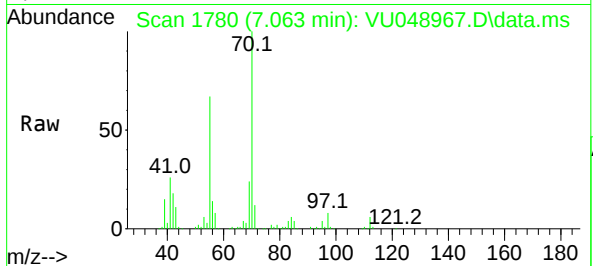




#46
 Dibromomethane
 Concen: 0.521 ug/l
 RT: 7.063 min Scan# 1780
 Delta R.T. 0.145 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

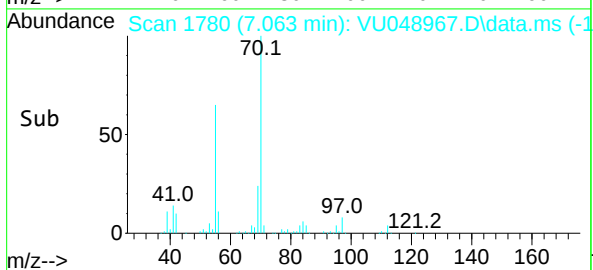
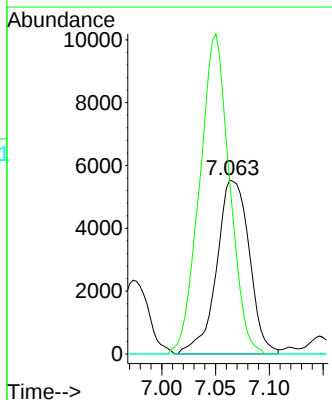
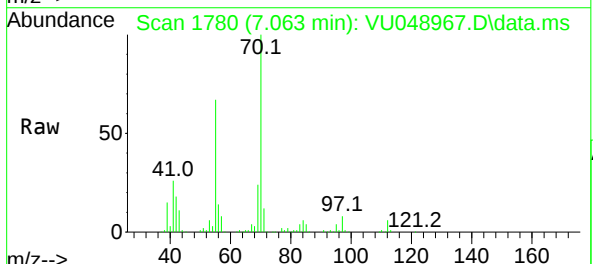
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-1

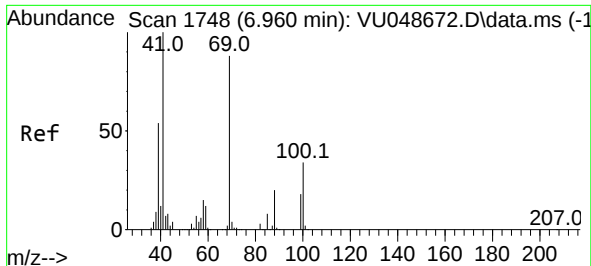
Tgt Ion: 93 Resp: 1394
 Ion Ratio Lower Upper
 93 100
 95 758.5 65.1 97.7#
 174 0.0 77.8 116.6#



#47
 Bromodichloromethane
 Concen: 2.160 ug/l
 RT: 7.063 min Scan# 1780
 Delta R.T. -0.042 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

Tgt Ion: 83 Resp: 11693
 Ion Ratio Lower Upper
 83 100
 85 99.0 52.1 78.1#
 127 0.0 6.9 10.3#

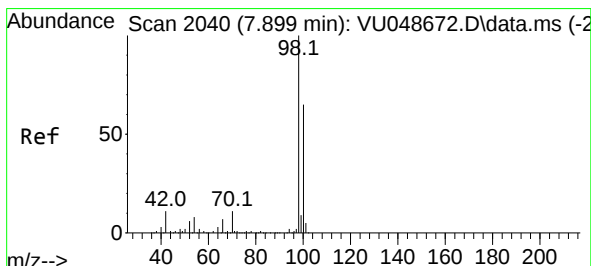
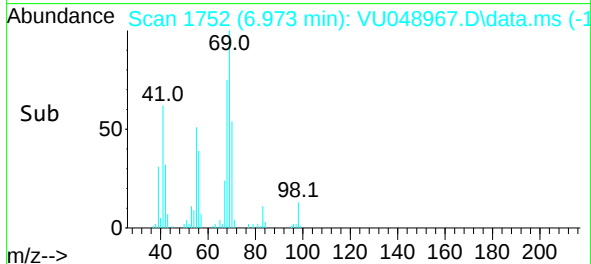
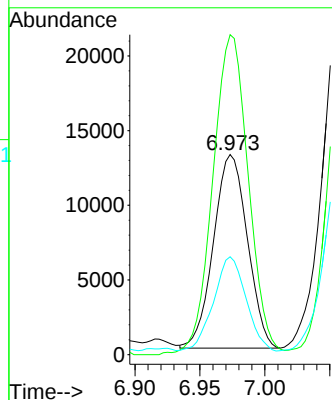
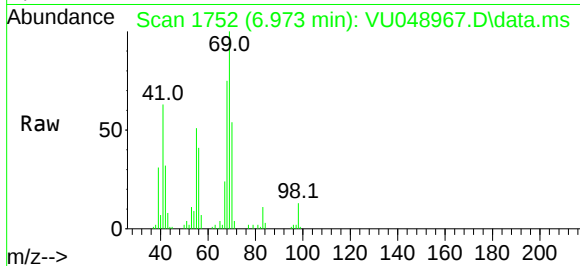




#48
Methyl methacrylate
Concen: 5.923 ug/l
RT: 6.973 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

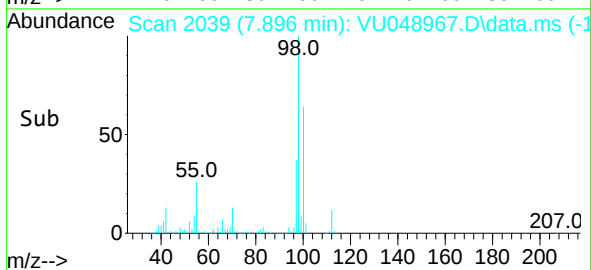
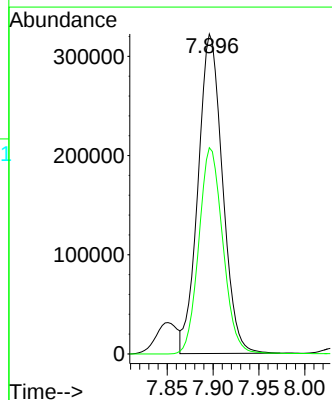
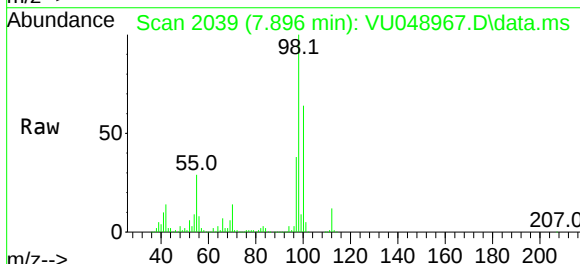
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

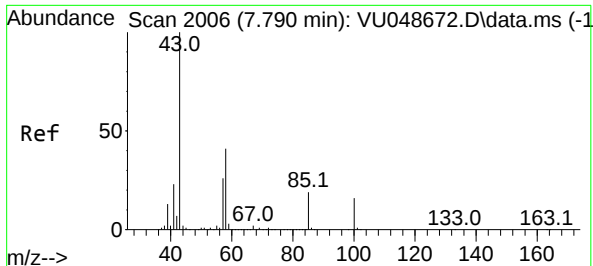
Tgt Ion: 41 Resp: 23526
Ion Ratio Lower Upper
41 100
69 173.4 70.7 106.1#
39 46.8 43.4 65.2



#50
Toluene-d8
Concen: 50.461 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 98 Resp: 597606
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.918 ug/l

RT: 7.748 min Scan# 1993

Delta R.T. -0.042 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

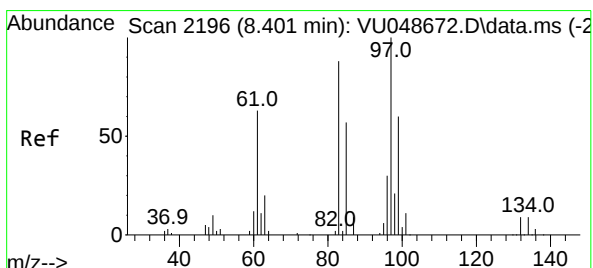
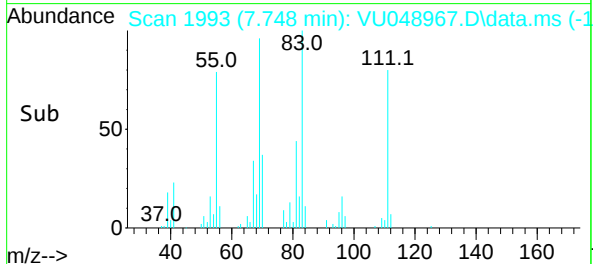
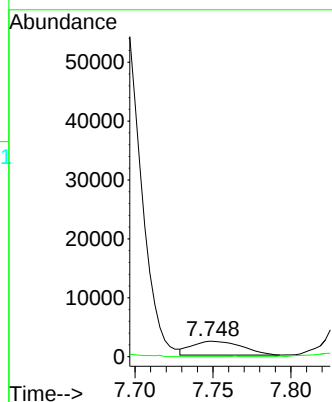
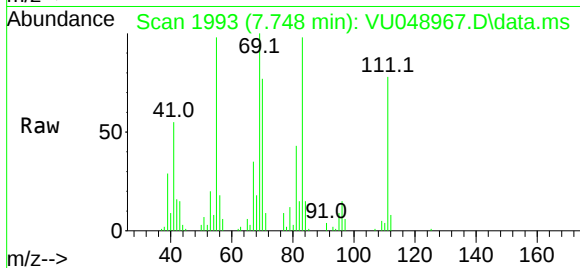
WC-14B-2-1

Tgt Ion: 43 Resp: 5272

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



#55

1,1,2-Trichloroethane

Concen: 57.314 ug/l

RT: 8.369 min Scan# 2186

Delta R.T. -0.032 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Tgt Ion: 97 Resp: 215381

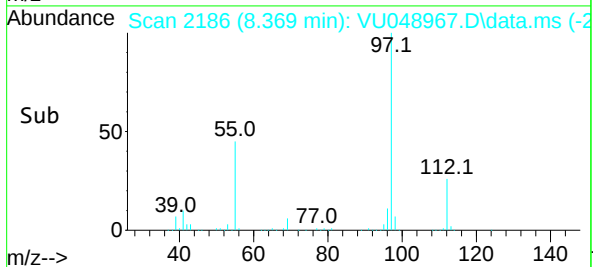
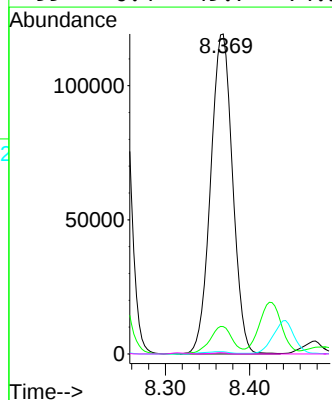
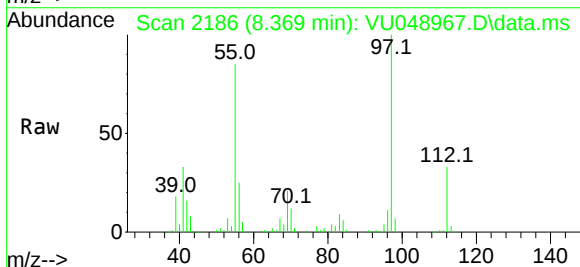
Ion Ratio Lower Upper

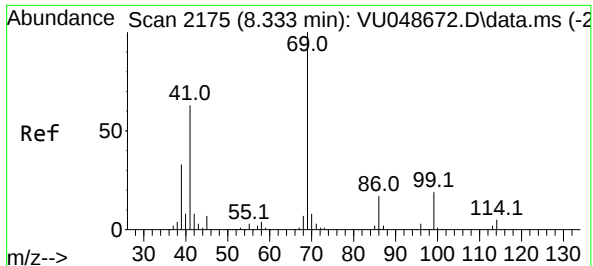
97 100

83 8.4 70.2 105.4#

85 0.7 45.6 68.4#

99 0.4 49.7 74.5#

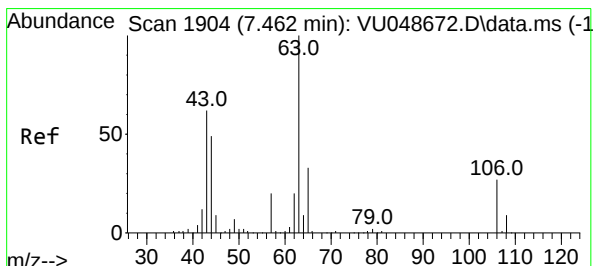
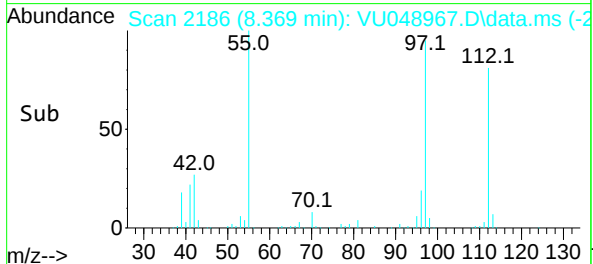
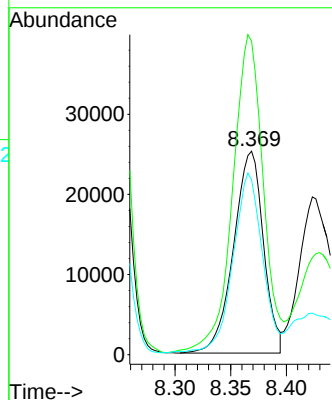
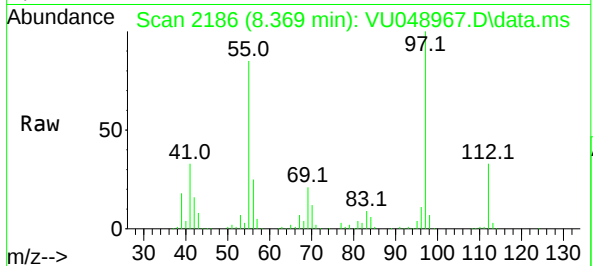




#56
Ethyl methacrylate
Concen: 10.146 ug/l
RT: 8.369 min Scan# 2175
Delta R.T. 0.036 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

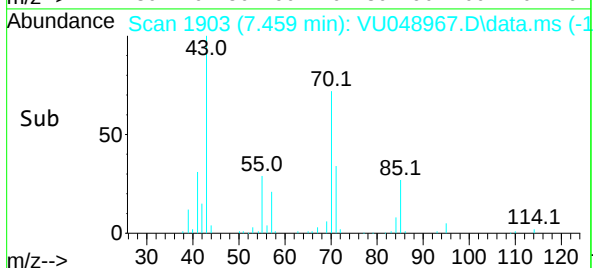
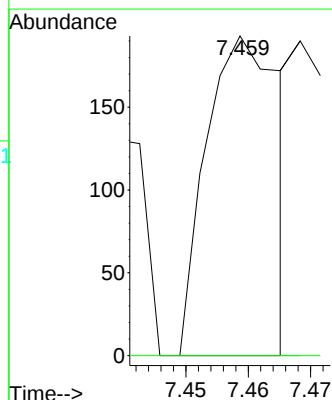
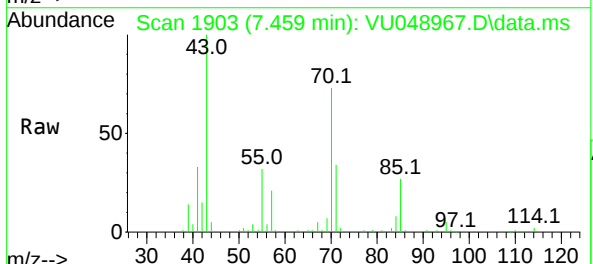
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

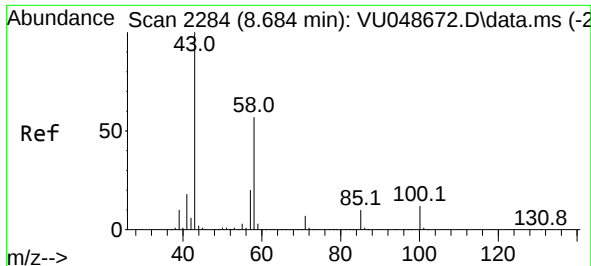
Tgt Ion: 69 Resp: 47201
Ion Ratio Lower Upper
69 100
41 160.5 50.6 76.0#
39 87.4 26.6 40.0#



#58
2-Chloroethyl Vinyl ether
Concen: 29.861 ug/l
RT: 7.459 min Scan# 1903
Delta R.T. -0.003 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 63 Resp: 158
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#

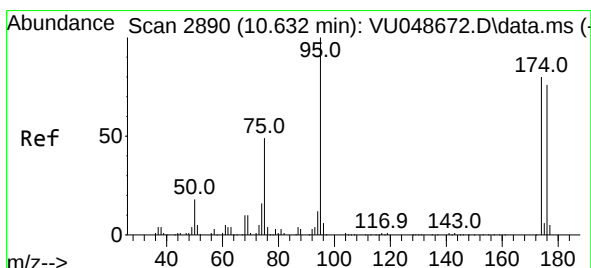
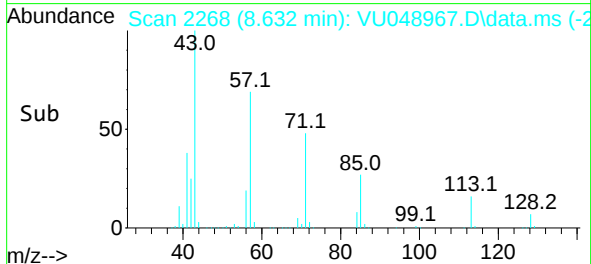
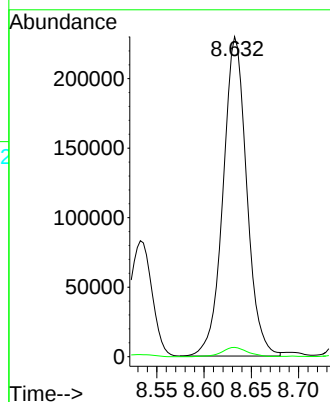
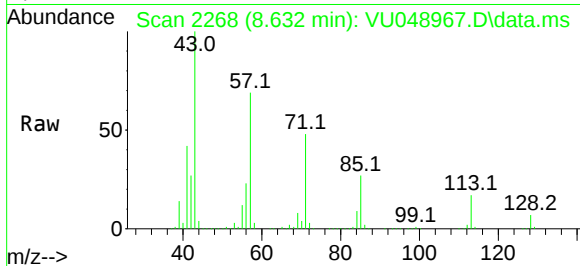




#59
2-Hexanone
Concen: 84.621 ug/l
RT: 8.632 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

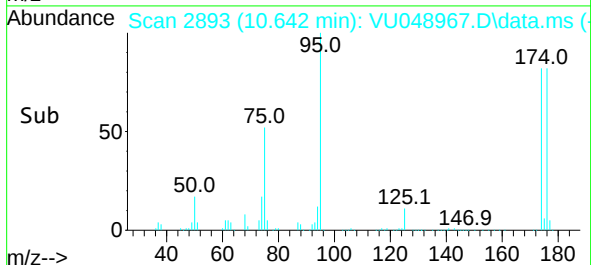
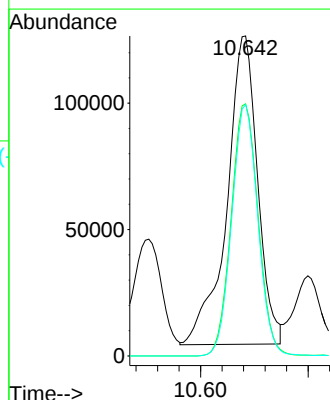
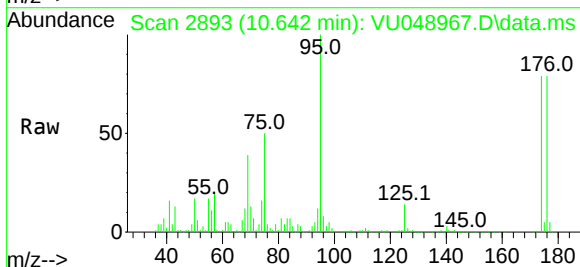
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

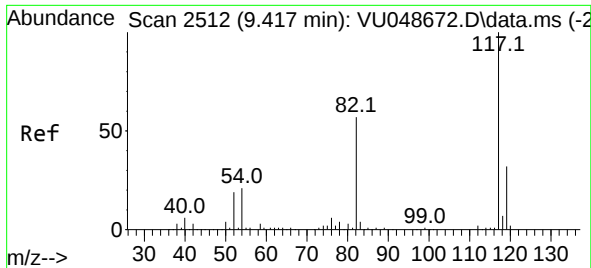
Tgt Ion: 43 Resp: 399097
Ion Ratio Lower Upper
43 100
58 3.2 28.2 84.6#



#62
4-Bromofluorobenzene
Concen: 54.224 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.010 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 95 Resp: 242861
Ion Ratio Lower Upper
95 100
174 71.7 0.0 159.4
176 69.0 0.0 152.4

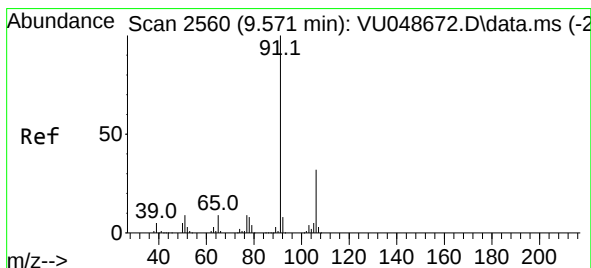
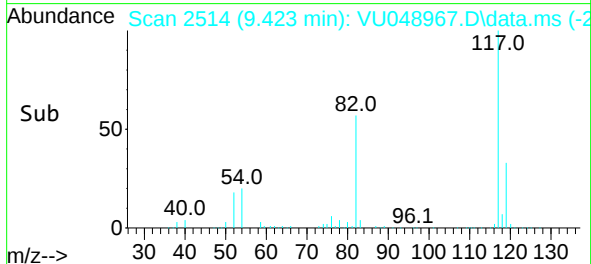
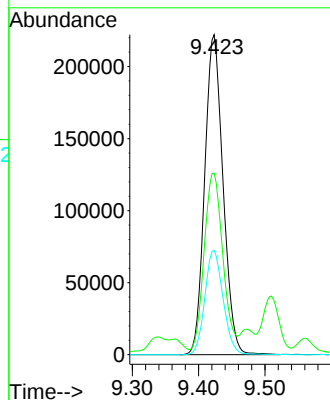
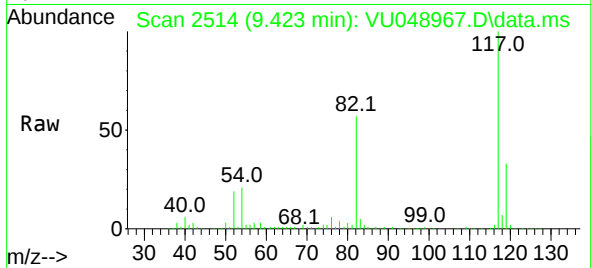




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

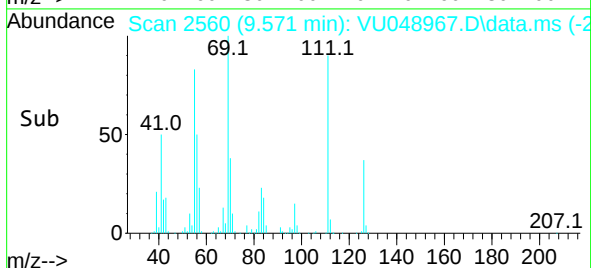
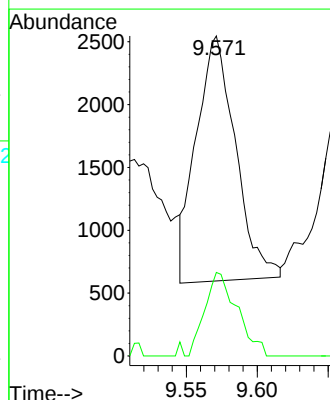
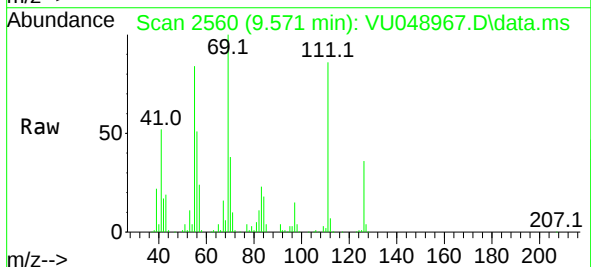
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

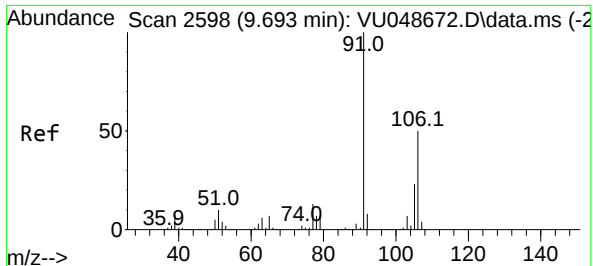
Tgt Ion:117 Resp: 427323
Ion Ratio Lower Upper
117 100
82 52.8 45.3 67.9
119 32.6 25.4 38.2



#67
Ethyl Benzene
Concen: 0.246 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 91 Resp: 3749
Ion Ratio Lower Upper
91 100
106 36.1 25.4 38.2





#68

m/p-Xylenes

Concen: 0.734 ug/l

RT: 9.697 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

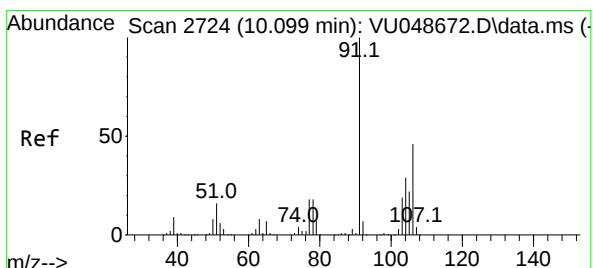
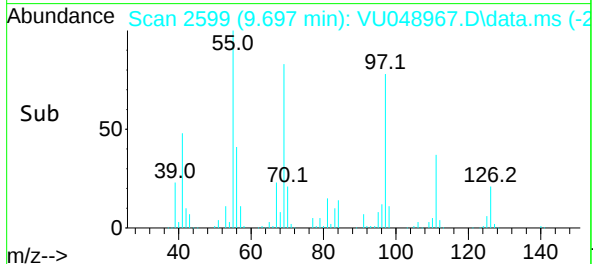
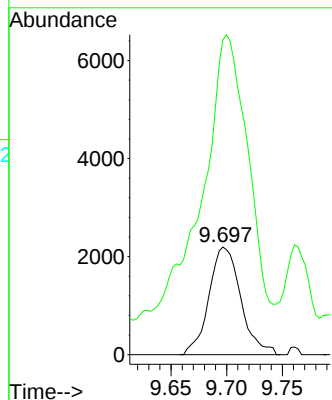
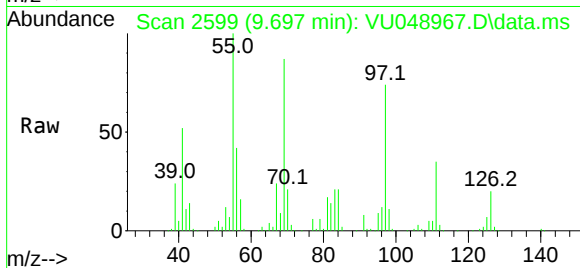
WC-14B-2-1

Tgt Ion:106 Resp: 4376

Ion Ratio Lower Upper

106 100

91 381.4 162.4 243.6#



#69

o-Xylene

Concen: 0.275 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU048967.D

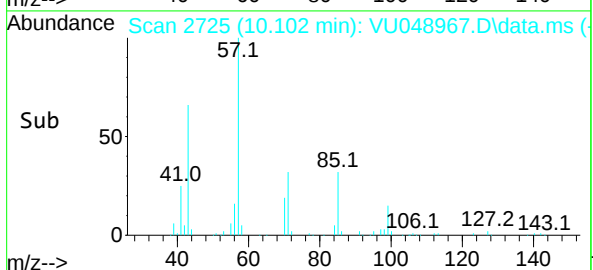
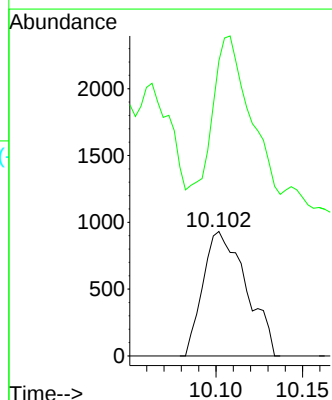
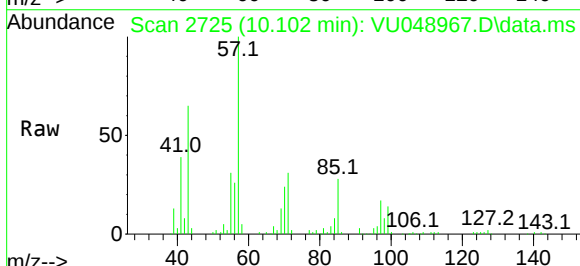
Acq: 08 Jun 2022 17:05

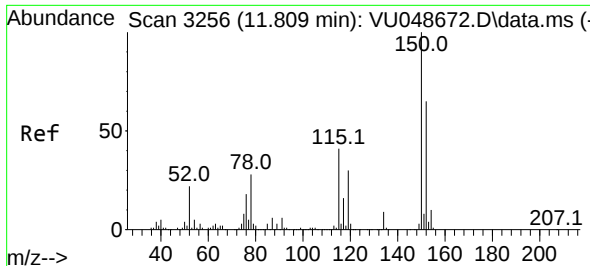
Tgt Ion:106 Resp: 1613

Ion Ratio Lower Upper

106 100

91 103.5 107.7 323.3#

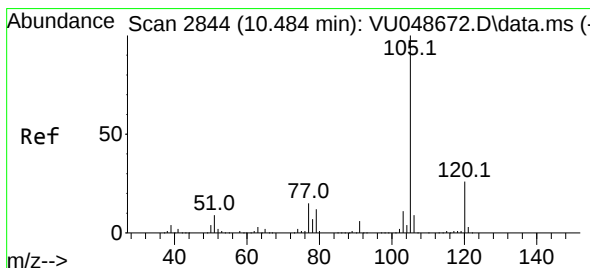
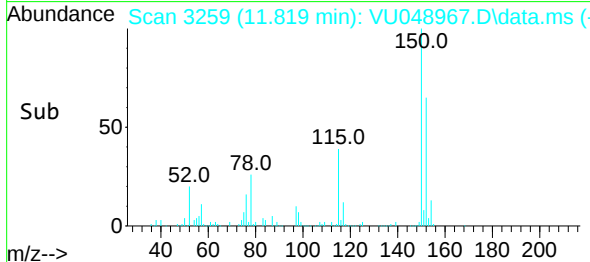
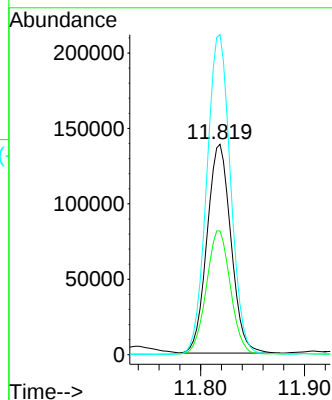
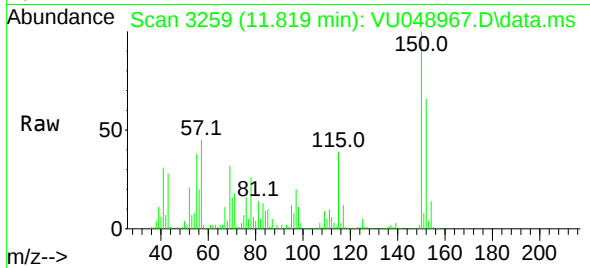




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 31
Delta R.T. 0.010 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

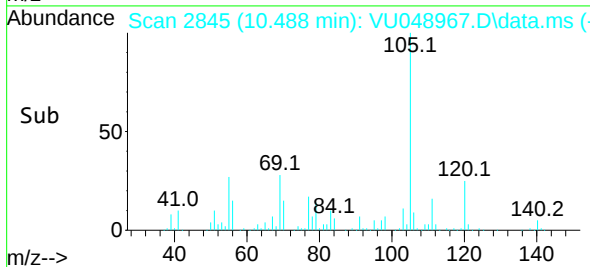
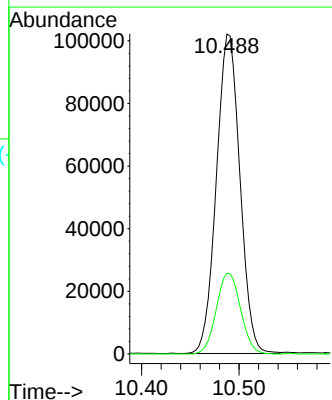
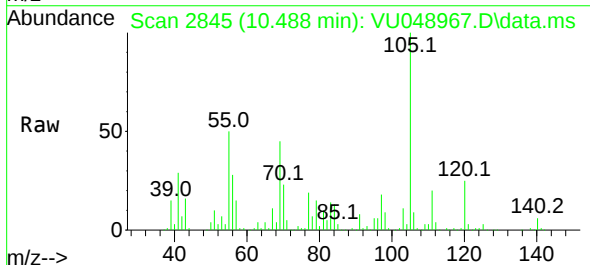
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

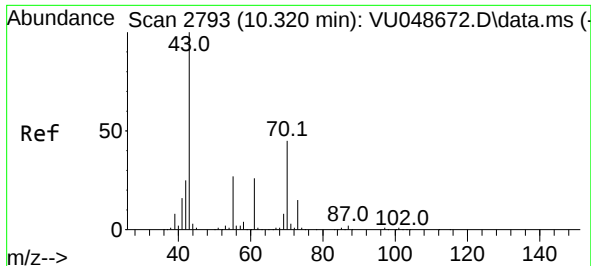
Tgt Ion:152 Resp: 222132
Ion Ratio Lower Upper
152 100
115 59.0 41.8 125.4
150 152.5 0.0 341.0



#73
Isopropylbenzene
Concen: 11.934 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion:105 Resp: 171141
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

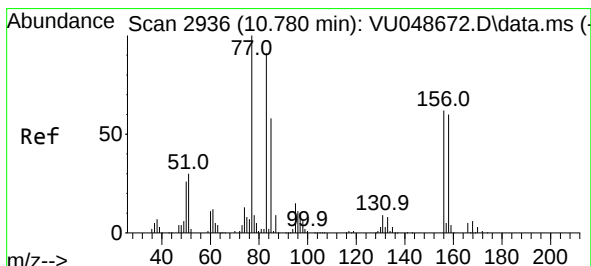
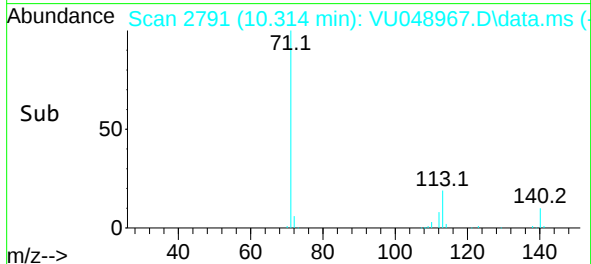
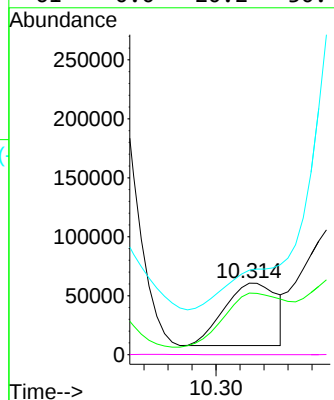
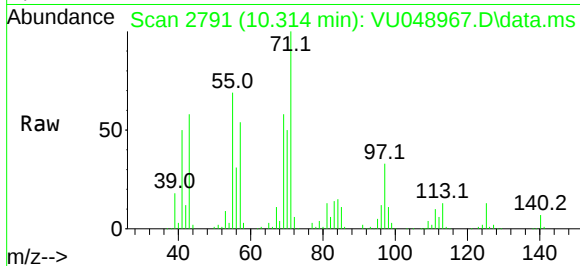




#74
N-amy1 acetate
Concen: 13.070 ug/l
RT: 10.314 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

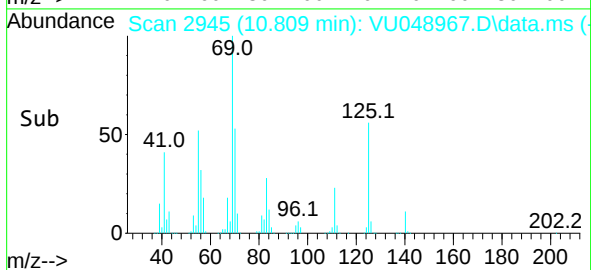
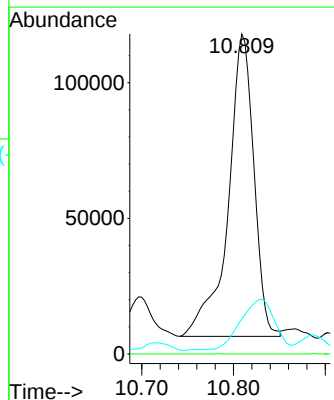
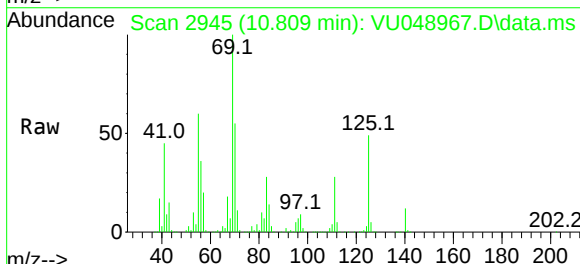
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

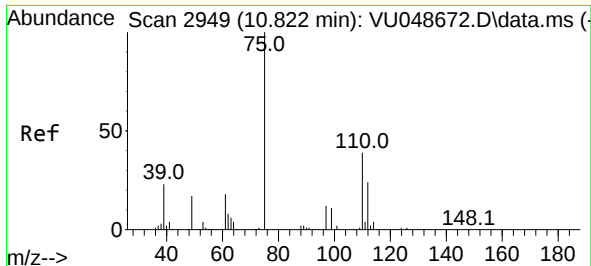
Tgt Ion: 43	Resp: 80973
Ion Ratio	Lower Upper
43 100	
70 106.3	35.8 53.6#
55 0.0	21.1 31.7#
61 0.0	20.2 30.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 37.197 ug/l
RT: 10.809 min Scan# 2945
Delta R.T. 0.029 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 83	Resp: 217687
Ion Ratio	Lower Upper
83 100	
131 0.0	5.2 15.6#
85 0.0	32.5 97.4#

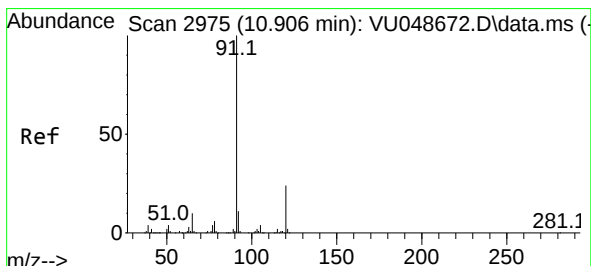
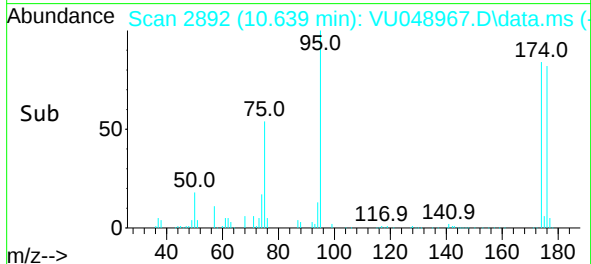
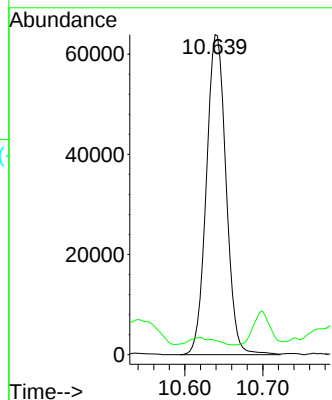
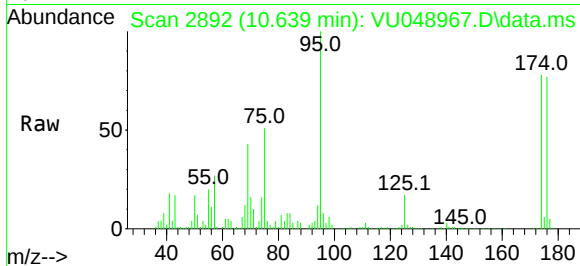




#76
1,2,3-Trichloropropane
Concen: 15.627 ug/l
RT: 10.639 min Scan# 21
Delta R.T. -0.183 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

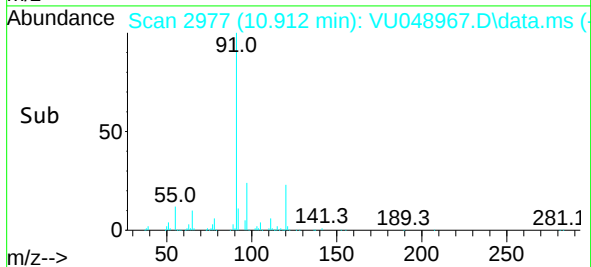
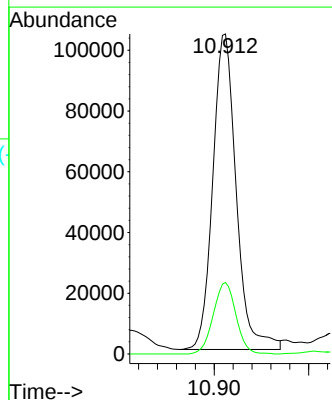
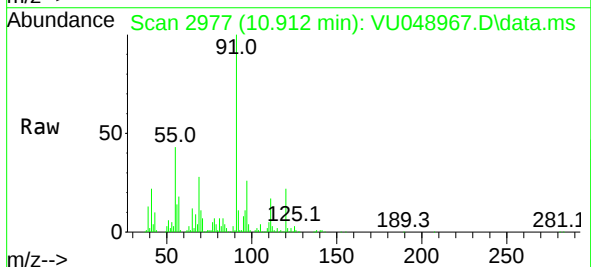
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

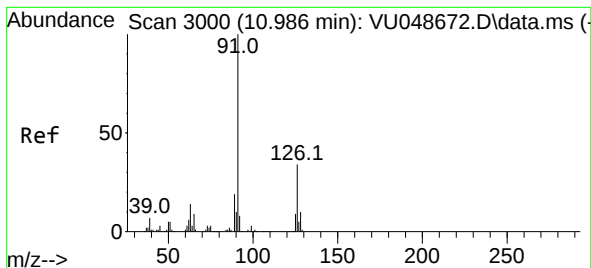
Tgt Ion: 75 Resp: 111922
Ion Ratio Lower Upper
75 100
77 2.9 14.8 44.3#



#78
n-propylbenzene
Concen: 10.489 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.006 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 91 Resp: 179241
Ion Ratio Lower Upper
91 100
120 21.9 11.6 34.7





#79

2-Chlorotoluene

Concen: 16.867 ug/l

RT: 10.912 min Scan# 2977

Delta R.T. -0.074 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

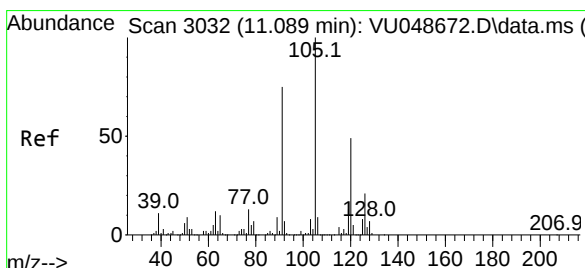
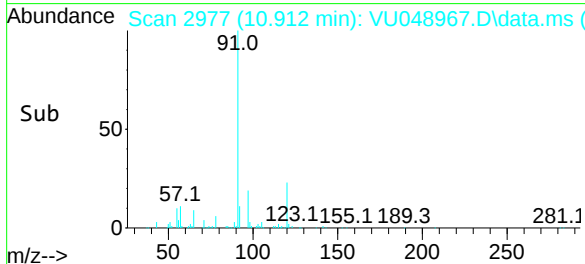
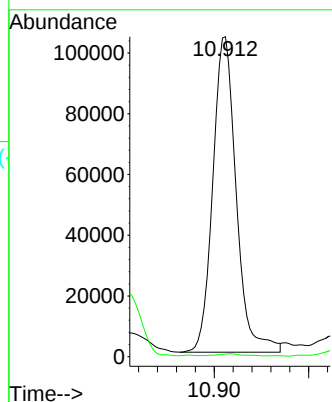
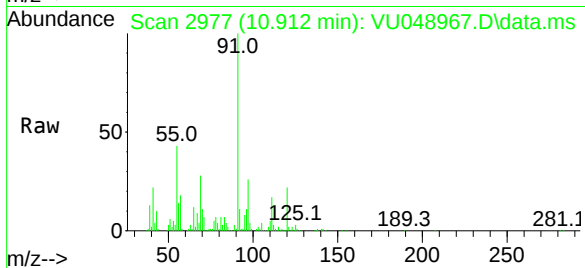
WC-14B-2-1

Tgt Ion: 91 Resp: 179241

Ion Ratio Lower Upper

91 100

126 0.7 16.7 50.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.331 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.006 min

Lab File: VU048967.D

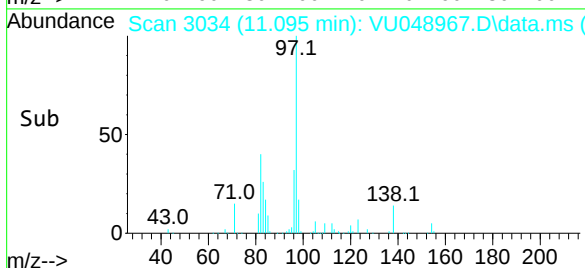
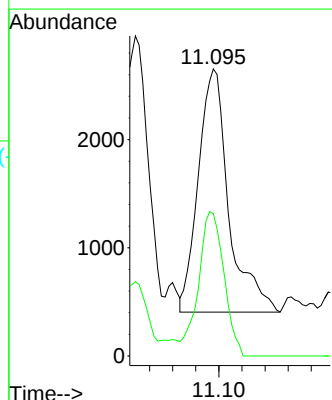
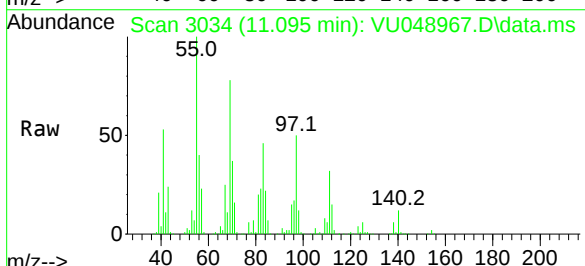
Acq: 08 Jun 2022 17:05

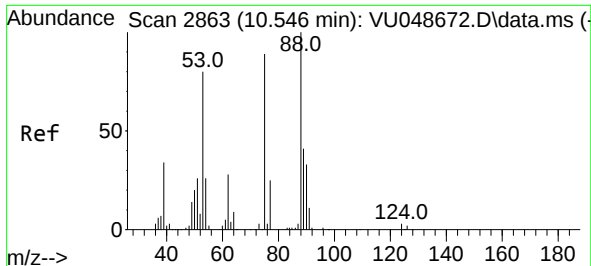
Tgt Ion: 105 Resp: 4130

Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.3

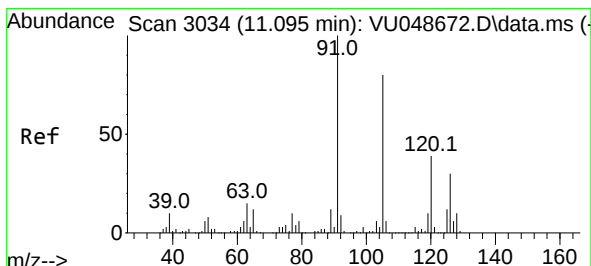
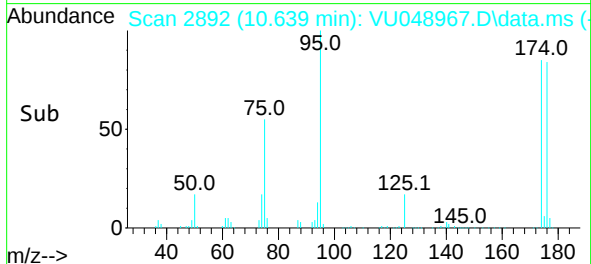
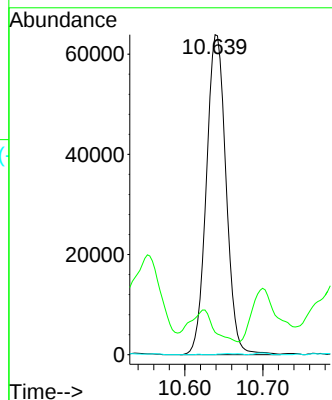
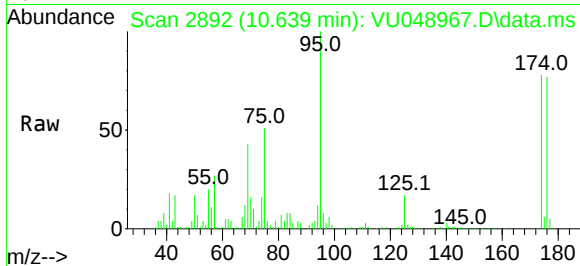




#81
trans-1,4-Dichloro-2-butene
Concen: 56.740 ug/l
RT: 10.639 min Scan# 211
Delta R.T. 0.093 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

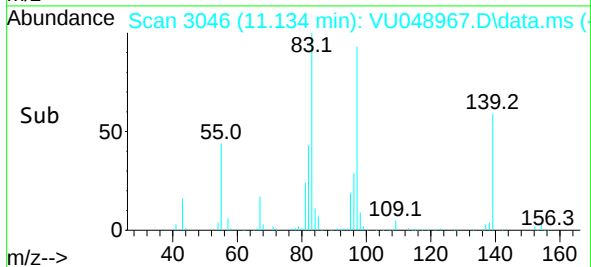
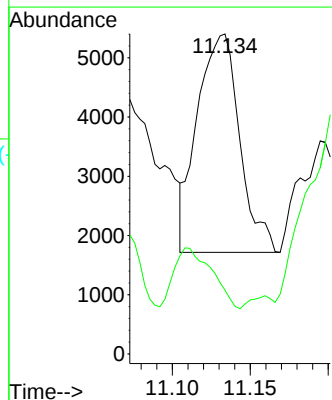
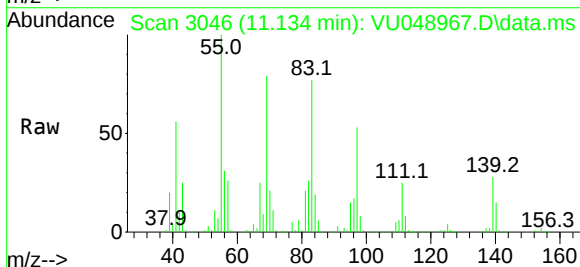
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MSVOA_U
ClientSampleId :
WC-14B-2-1

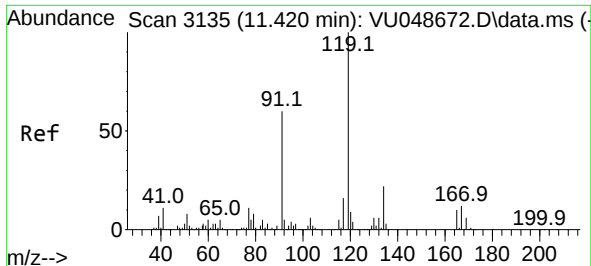
Tgt Ion: 75 Resp: 111922
Ion Ratio Lower Upper
75 100
53 11.9 72.5 108.7#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 0.568 ug/l
RT: 11.134 min Scan# 3046
Delta R.T. 0.038 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 91 Resp: 6963
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#

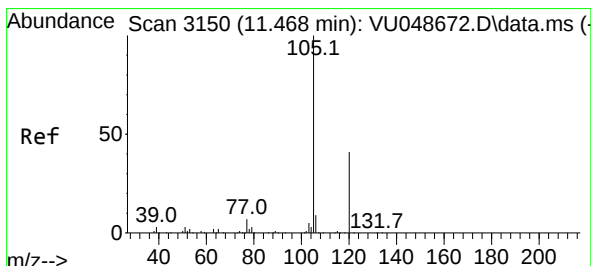
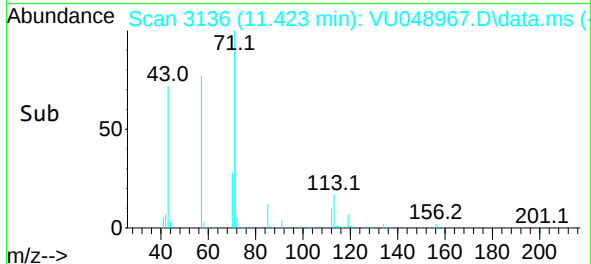
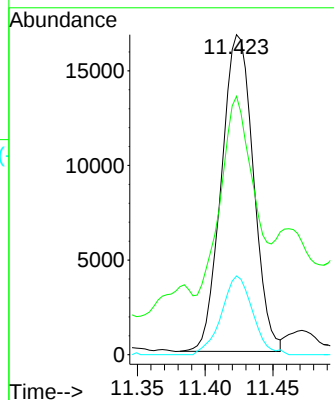
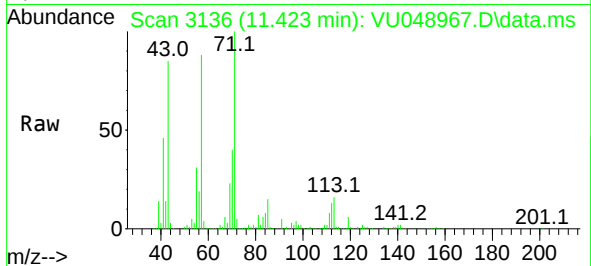




#83
 tert-Butylbenzene
 Concen: 2.299 ug/l
 RT: 11.423 min Scan# 3135
 Delta R.T. 0.003 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

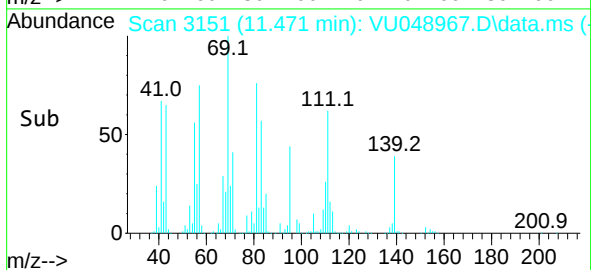
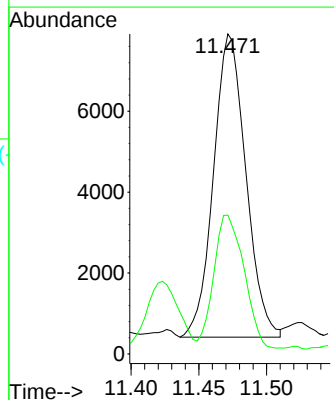
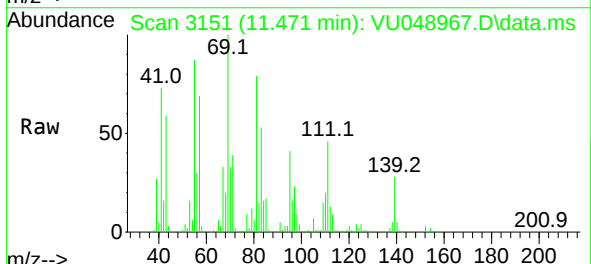
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-1

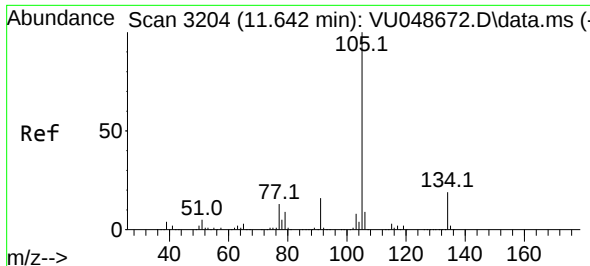
Tgt Ion:119 Resp: 27513
 Ion Ratio Lower Upper
 119 100
 91 63.9 28.7 86.1
 134 24.2 10.8 32.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.090 ug/l
 RT: 11.471 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

Tgt Ion:105 Resp: 12427
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.5 67.5

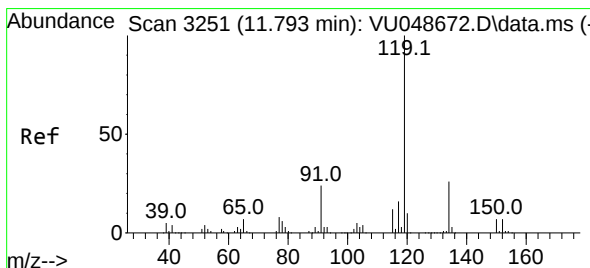
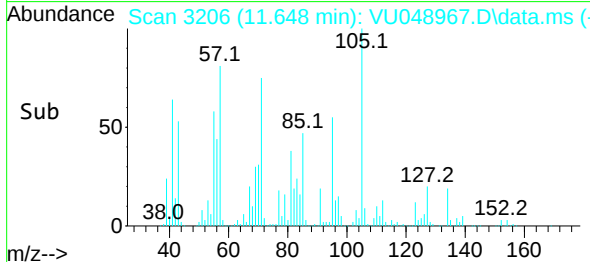
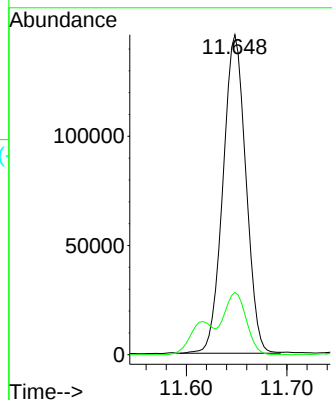
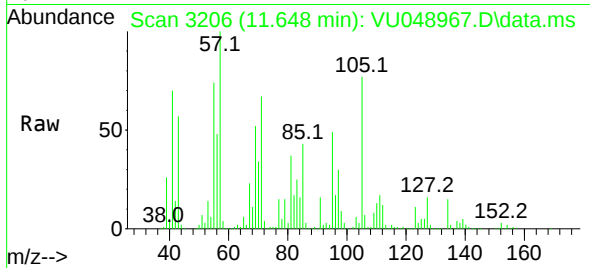




#85
 sec-Butylbenzene
 Concen: 15.421 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

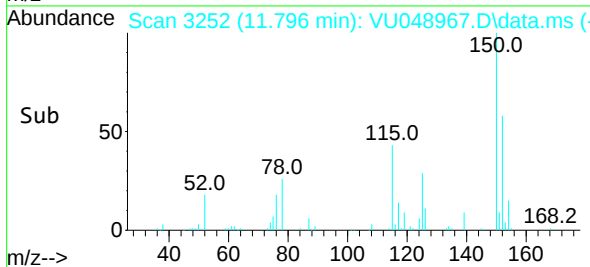
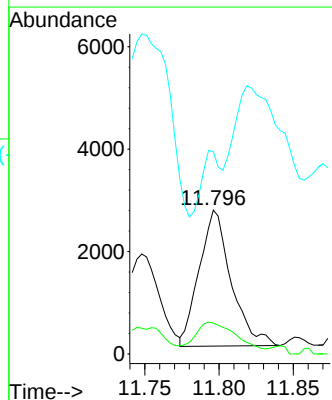
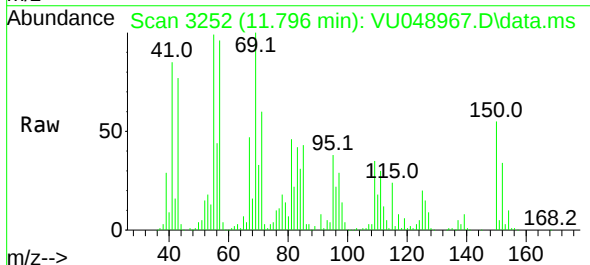
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-2-1

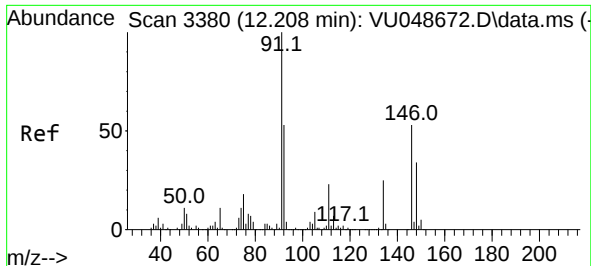
Tgt Ion:105 Resp: 230919
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 0.310 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU048967.D
 Acq: 08 Jun 2022 17:05

Tgt Ion:119 Resp: 3983
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.4#
 91 0.0 12.0 36.0#





#89

n-Butylbenzene

Concen: 12.864 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048967.D

Acq: 08 Jun 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-2-1

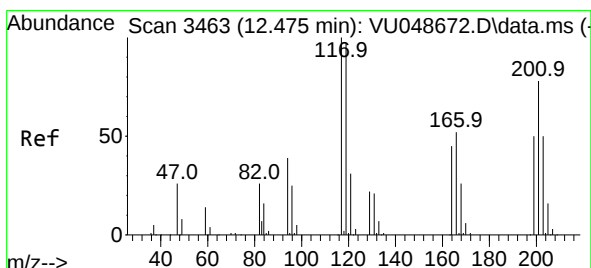
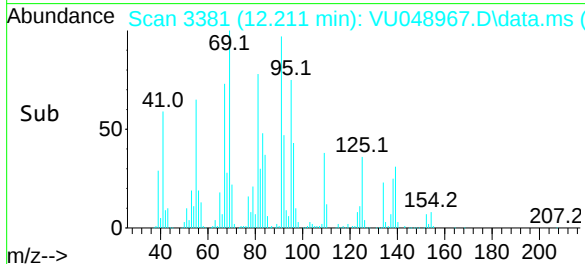
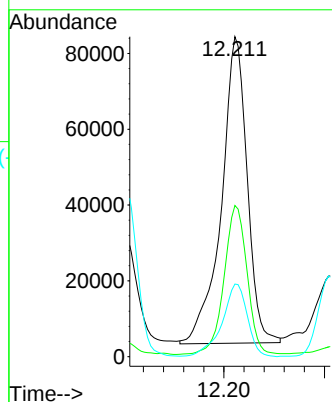
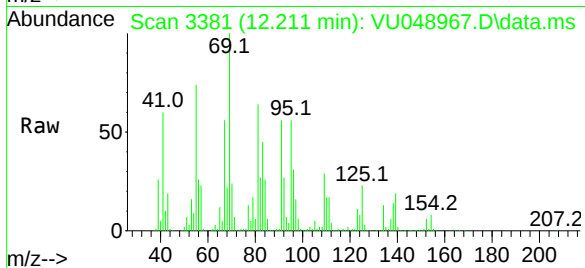
Tgt Ion: 91 Resp: 143736

Ion Ratio Lower Upper

91 100

92 43.4 25.9 77.8

134 23.5 12.5 37.5



#90

Hexachloroethane

Concen: 24.121 ug/l

RT: 12.574 min Scan# 3494

Delta R.T. 0.100 min

Lab File: VU048967.D

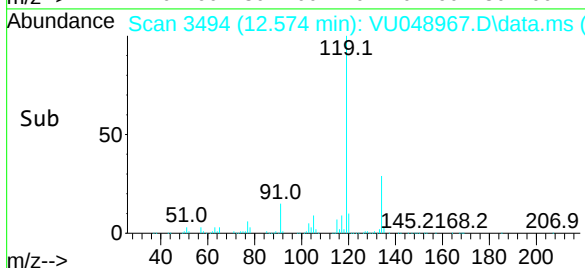
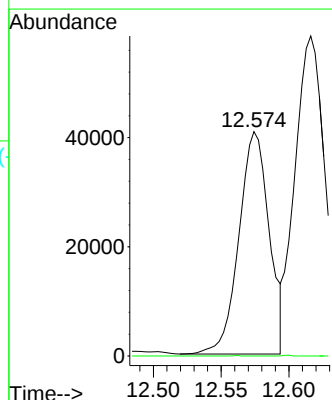
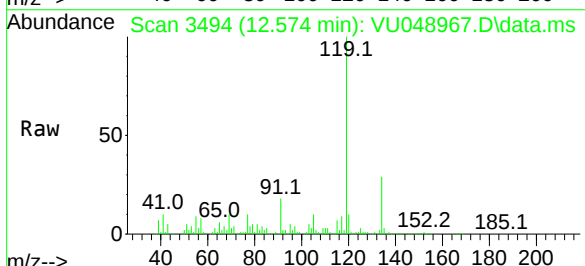
Acq: 08 Jun 2022 17:05

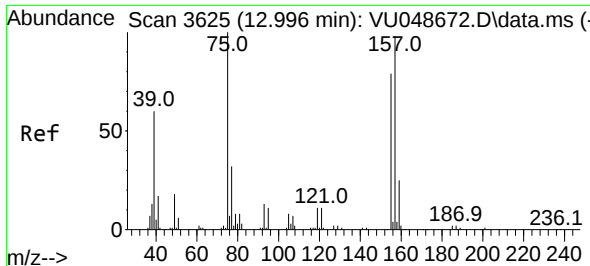
Tgt Ion: 117 Resp: 63303

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#

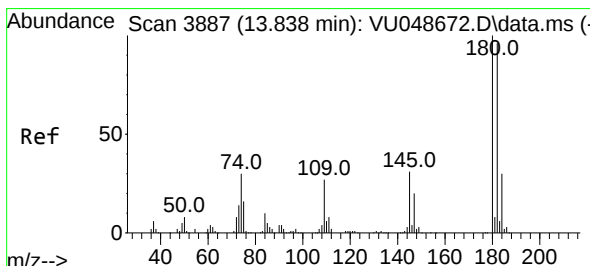
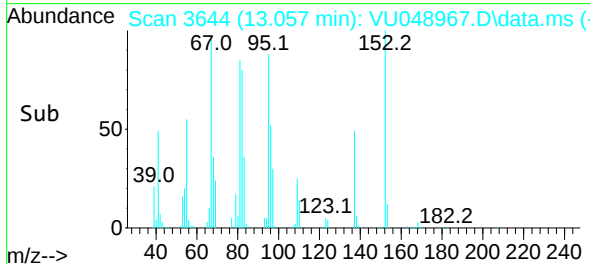
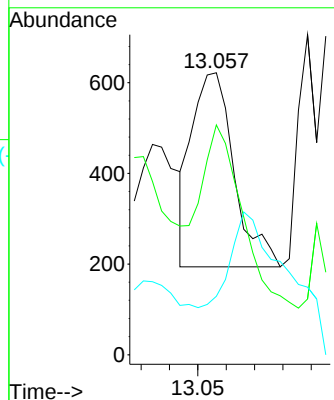
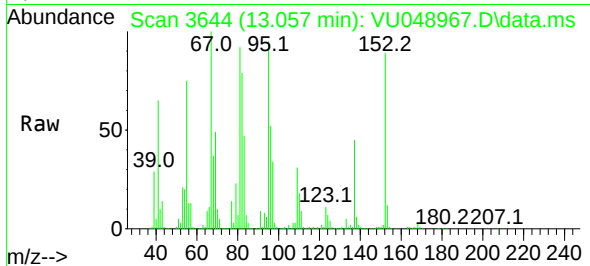




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.262 ug/l
RT: 13.057 min Scan# 30
Delta R.T. 0.061 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

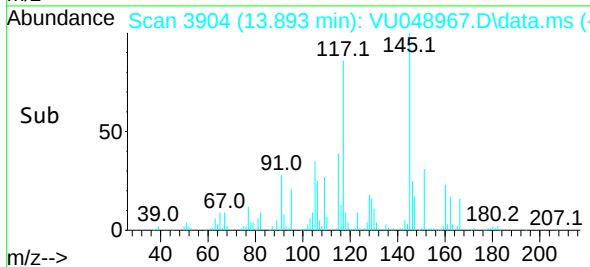
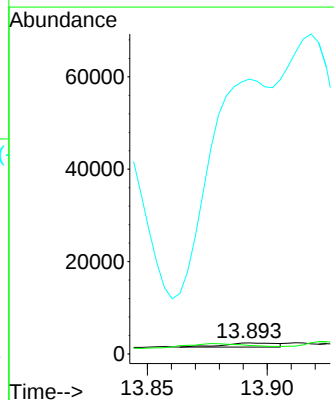
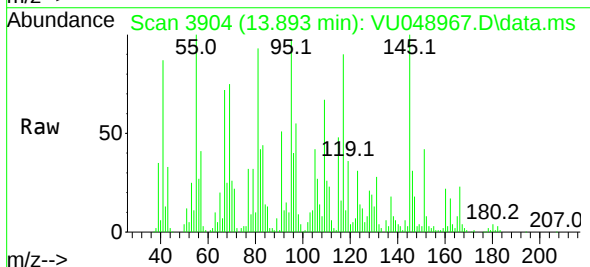
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

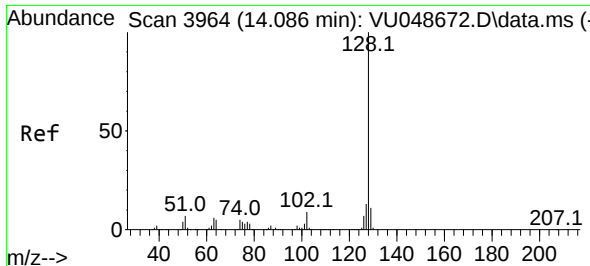
Tgt Ion: 75 Resp: 442
Ion Ratio Lower Upper
75 100
155 98.0 40.3 120.8
157 110.4 50.0 150.0



#93
1,2,4-Trichlorobenzene
Concen: 0.278 ug/l
RT: 13.893 min Scan# 3904
Delta R.T. 0.055 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion: 180 Resp: 1393
Ion Ratio Lower Upper
180 100
182 205.8 48.3 144.9#
145 6077.7 15.6 46.7#

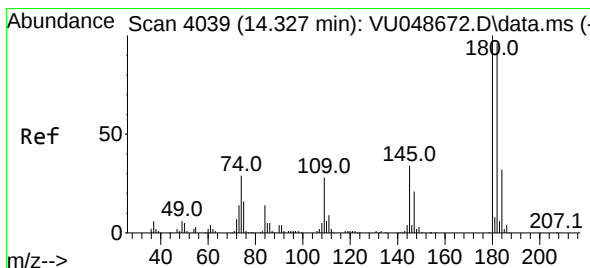
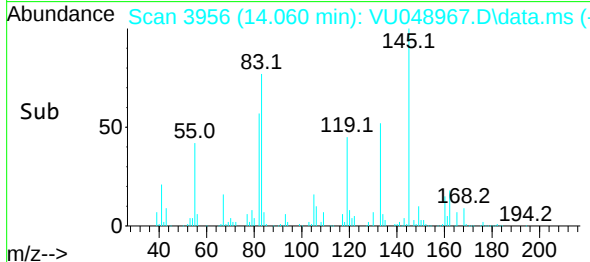
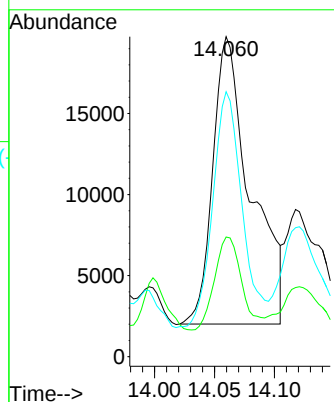
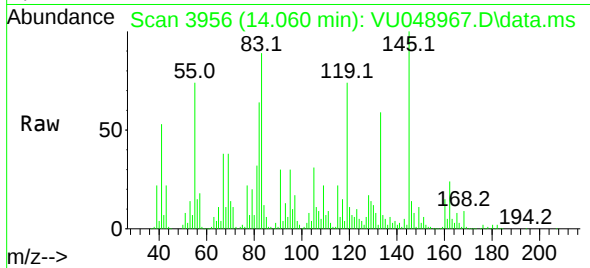




#95
Naphthalene
Concen: 4.644 ug/l
RT: 14.060 min Scan# 3964
Delta R.T. -0.026 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Instrument :
MSVOA_U
ClientSampleId :
WC-14B-2-1

Tgt Ion:128 Resp: 38892
Ion Ratio Lower Upper
128 100
127 23.3 10.2 15.4#
129 63.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.609 ug/l
RT: 14.352 min Scan# 4047
Delta R.T. 0.026 min
Lab File: VU048967.D
Acq: 08 Jun 2022 17:05

Tgt Ion:180 Resp: 7979
Ion Ratio Lower Upper
180 100
182 18.7 47.4 142.2#
145 1588.3 16.6 49.8#

