

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049454.D
 Acq On : 28 Jun 2022 13:36
 Operator : SY/MD
 Sample : N3454-08
 Misc : 5.23G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14A-1A-1

Quant Time: Jun 28 17:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	309538	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	543345	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	491903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	228455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	206160	43.247	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.500%
35) Dibromofluoromethane	5.289	113	165543	43.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.100%
50) Toluene-d8	7.896	98	684574	50.490	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.980%
62) 4-Bromofluorobenzene	10.642	95	267571	51.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.040%

Target Compounds				Qvalue		
3) Chloromethane	1.517	50	2982	Below Cal		100
5) Bromomethane	1.845	94	752	0.483	ug/l	82
6) Chloroethane	1.912	64	88	1.952	ug/l #	75
10) Methyl Iodide	2.687	142	214	7.567	ug/l #	69
11) Tert butyl alcohol	3.173	59	33486	30.011	ug/l #	37
13) Acrolein	2.552	56	7922	10.484	ug/l #	82
14) Allyl chloride	2.922	41	3217	0.473	ug/l #	59
15) Acrylonitrile	3.324	53	16955	6.318	ug/l #	40
16) Acetone	2.662	43	12243	5.093	ug/l	93
17) Carbon Disulfide	2.752	76	5054	0.482	ug/l	95
18) Methyl Acetate	3.002	43	148984	22.894	ug/l #	47
20) Methylene Chloride	3.031	84	3854	0.224	ug/l #	25
23) Vinyl Acetate	3.665	43	22377	1.968	ug/l #	59
25) 2-Butanone	4.745	43	6706	1.861	ug/l #	88
26) 2,2-Dichloropropane	4.507	77	3440	0.555	ug/l #	52
30) Chloroform	5.108	83	2690	0.365	ug/l #	1
31) Cyclohexane	5.372	56	866268	121.023	ug/l	91
36) 1,1-Dichloropropene	5.366	75	26896	4.880	ug/l #	69
37) Ethyl Acetate	4.745	43	6706	0.890	ug/l #	71
38) Carbon Tetrachloride	5.369	117	32120	5.557	ug/l #	16
39) Methylcyclohexane	6.755	83	2157567	326.565	ug/l	91
40) Benzene	5.768	78	25317	1.521	ug/l	93
41) Methacrylonitrile	4.983	41	1499	0.397	ug/l #	31
43) Isopropyl Acetate	5.909	43	28480	2.581	ug/l #	60
45) 1,2-Dichloropropane	6.751	63	19917	4.319	ug/l #	1
47) Bromodichloromethane	7.067	83	25439	4.299	ug/l #	90
48) Methyl methacrylate	6.973	41	79613	15.393	ug/l #	50
51) 4-Methyl-2-Pentanone	7.851	43	122468	16.581	ug/l #	38
52) Toluene	7.970	92	21087	2.132	ug/l	97
55) 1,1,2-Trichloroethane	8.366	97	390051	95.379	ug/l #	18
56) Ethyl methacrylate	8.366	69	92371	13.505	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.478	63	437	13.428	ug/l #	46
59) 2-Hexanone	8.758	43	175776	30.263	ug/l #	42
67) Ethyl Benzene	9.575	91	102150	5.533	ug/l	95
68) m/p-Xylenes	9.697	106	154983	22.688	ug/l	89
69) o-Xylene	10.105	106	140822	20.766	ug/l	87

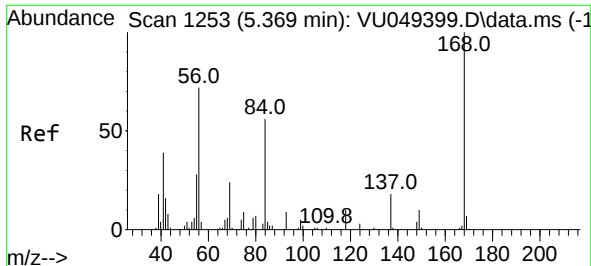
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
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Quant Time: Jun 28 17:10:45 2022
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 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	10.105	104	7470	0.686	ug/l #	1
73) Isopropylbenzene	10.488	105	590557	36.288	ug/l	96
74) N-amyl acetate	10.314	43	53998	6.269	ug/l #	24
75) 1,1,2,2-Tetrachloroethane	10.809	83	157038	22.780	ug/l #	25
76) 1,2,3-Trichloropropane	10.909	75	3976	0.513	ug/l #	1
78) n-propylbenzene	10.909	91	686067	34.694	ug/l	95
79) 2-Chlorotoluene	11.002	91	97035	7.964	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.092	105	634930	44.689	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.488	75	7928	3.780	ug/l #	1
82) 4-Chlorotoluene	11.092	91	74683	5.450	ug/l #	46
83) tert-Butylbenzene	11.423	119	50103	3.585	ug/l	87
84) 1,2,4-Trimethylbenzene	11.472	105	2263939	162.201	ug/l	94
85) sec-Butylbenzene	11.648	105	481864	27.426	ug/l	95
86) p-Isopropyltoluene	11.796	119	208627	14.683	ug/l	95
87) 1,3-Dichlorobenzene	11.758	146	2373	0.312	ug/l #	1
88) 1,4-Dichlorobenzene	11.841	146	1910	0.250	ug/l #	1
89) n-Butylbenzene	12.211	91	391128	29.737	ug/l #	60
90) Hexachloroethane	12.468	117	33932	11.990	ug/l #	5
91) 1,2-Dichlorobenzene	12.217	146	6615	0.867	ug/l #	74
92) 1,2-Dibromo-3-Chloropr...	12.976	75	7889	4.463	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.841	180	876	1.919	ug/l #	1
95) Naphthalene	14.086	128	602672	34.262	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.349	180	3631	1.851	ug/l #	1

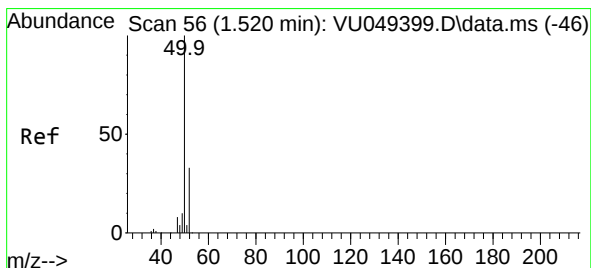
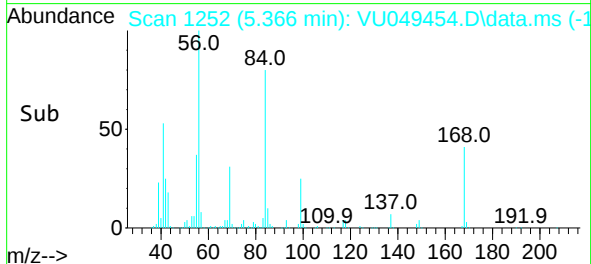
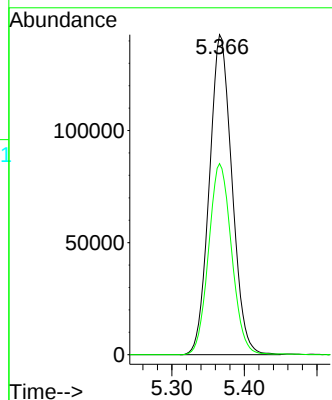
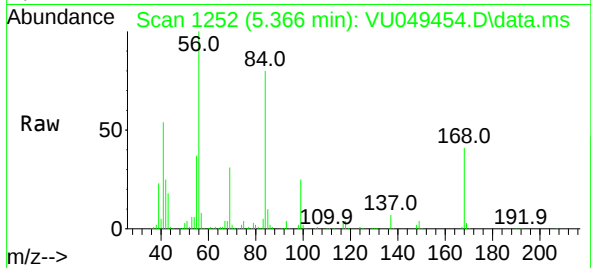
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

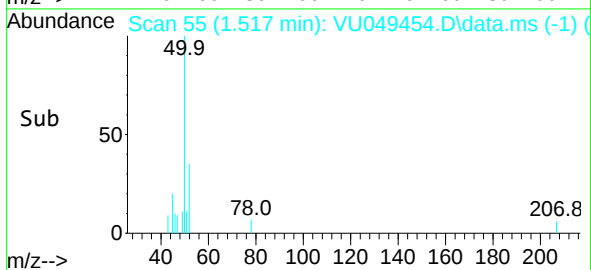
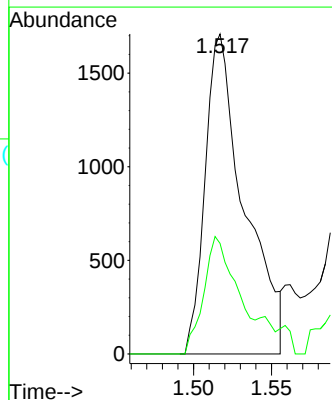
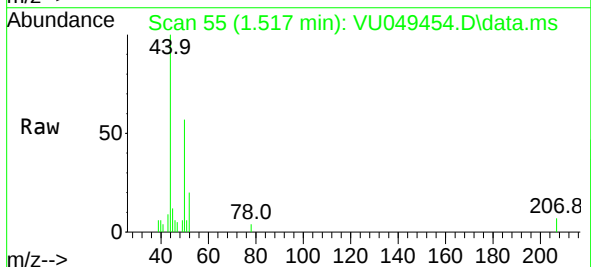
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

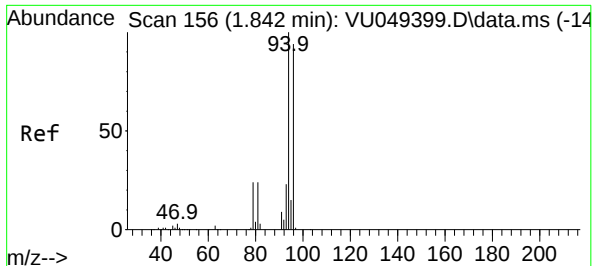
Tgt Ion:168 Resp: 309538
Ion Ratio Lower Upper
168 100
99 59.7 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 50 Resp: 2982
Ion Ratio Lower Upper
50 100
52 34.6 27.4 41.2

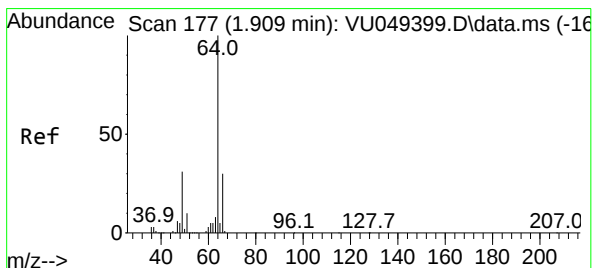
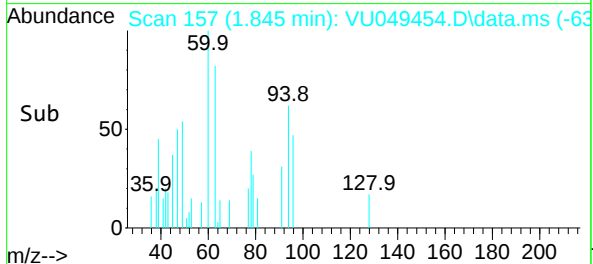
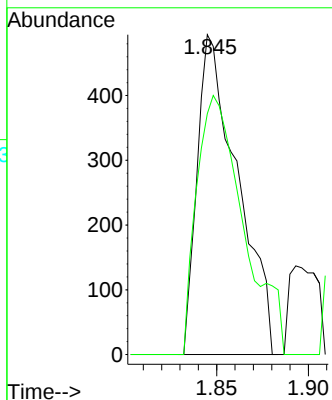
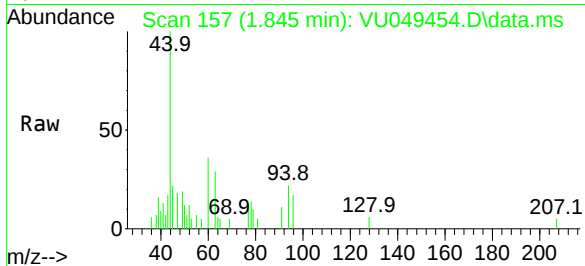




#5
Bromomethane
Concen: 0.483 ug/l
RT: 1.845 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

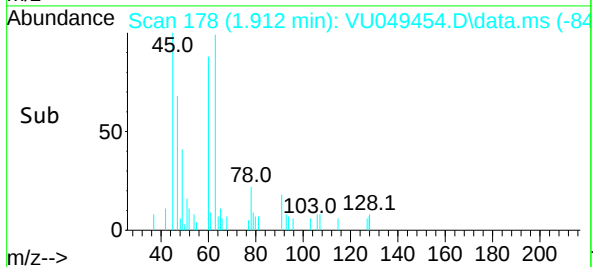
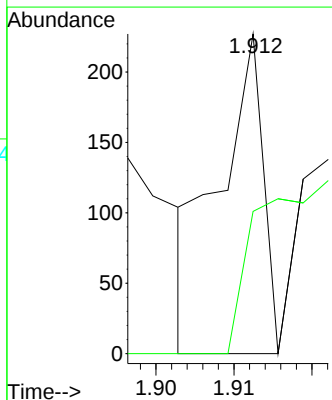
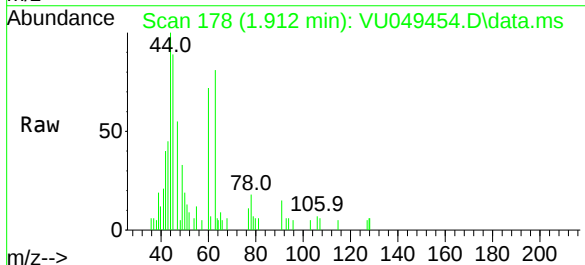
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

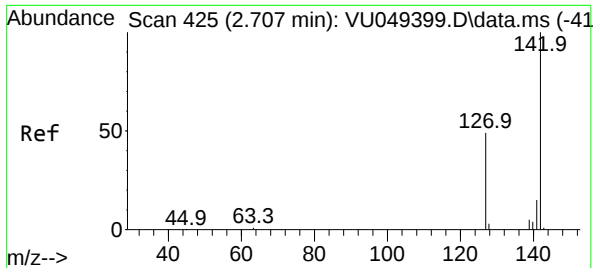
Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 75.3 73.7 110.5



#6
Chloroethane
Concen: 1.952 ug/l
RT: 1.912 min Scan# 178
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 44.5 24.7 37.1#

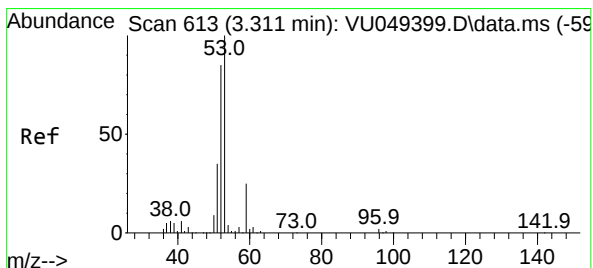
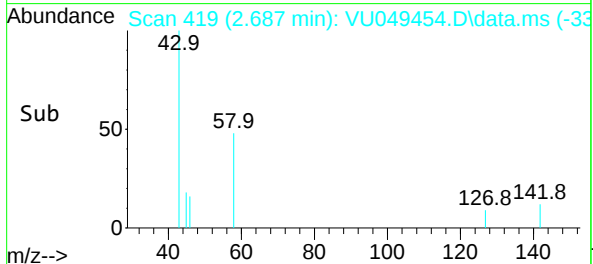
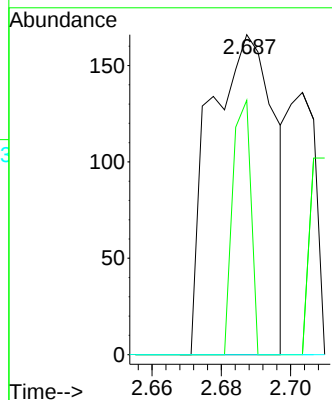
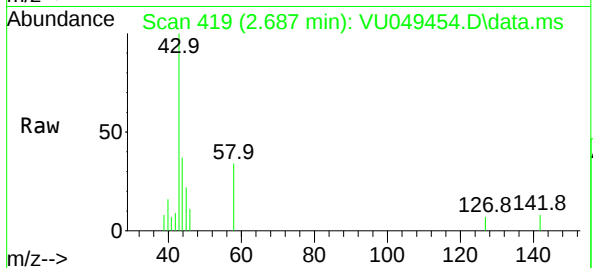




#10
Methyl Iodide
Concen: 7.567 ug/l
RT: 2.687 min Scan# 41
Delta R.T. -0.019 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

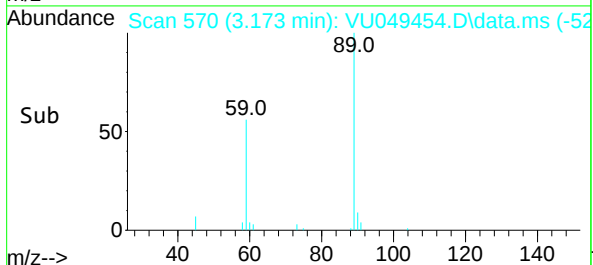
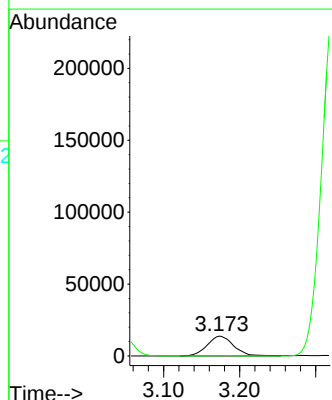
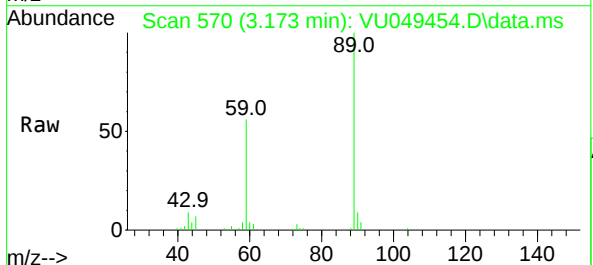
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

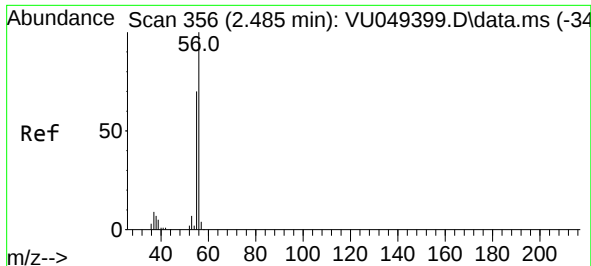
Tgt Ion:142 Resp: 214
Ion Ratio Lower Upper
142 100
127 22.4 32.5 48.7#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 30.011 ug/l
RT: 3.173 min Scan# 570
Delta R.T. -0.138 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 59 Resp: 33486
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#





#13

Acrolein

Concen: 10.484 ug/l

RT: 2.552 min Scan# 31

Delta R.T. 0.068 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

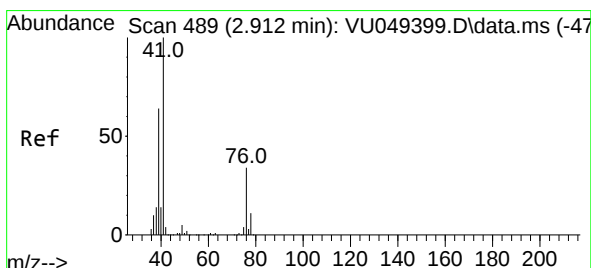
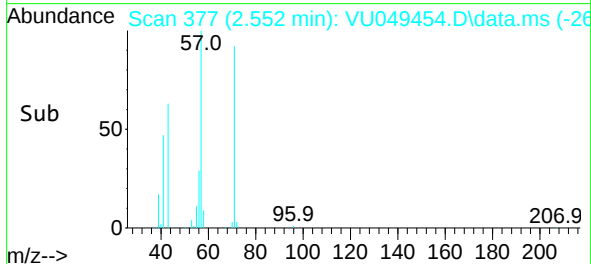
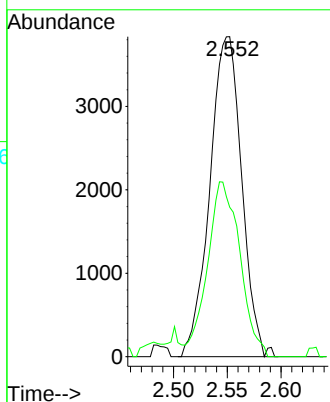
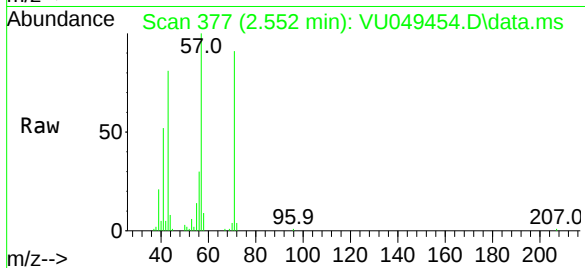
WC-14A-1A-1

Tgt Ion: 56 Resp: 7922

Ion Ratio Lower Upper

56 100

55 55.6 56.6 85.0#



#14

Allyl chloride

Concen: 0.473 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.010 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

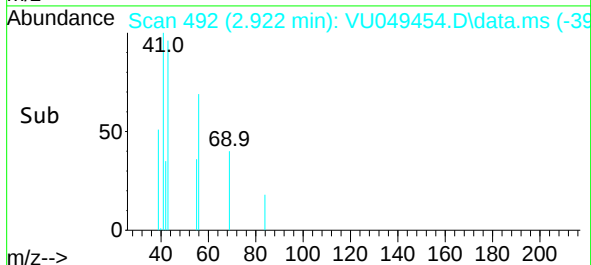
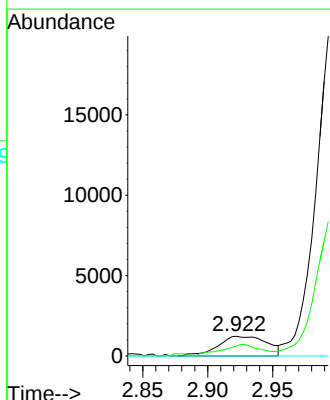
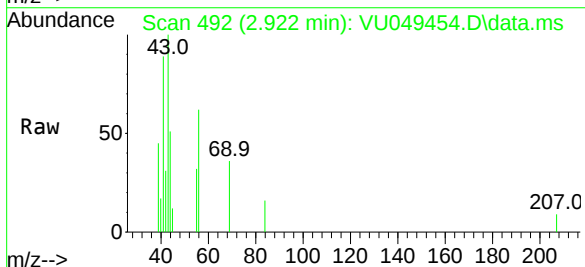
Tgt Ion: 41 Resp: 3217

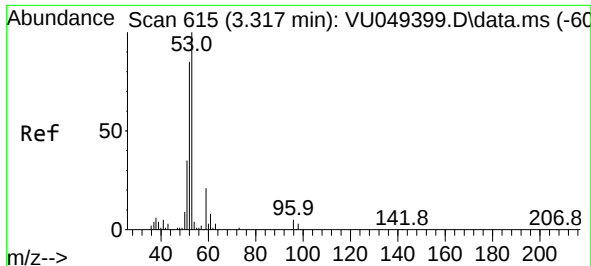
Ion Ratio Lower Upper

41 100

39 46.5 53.4 80.2#

76 0.0 33.8 50.6#

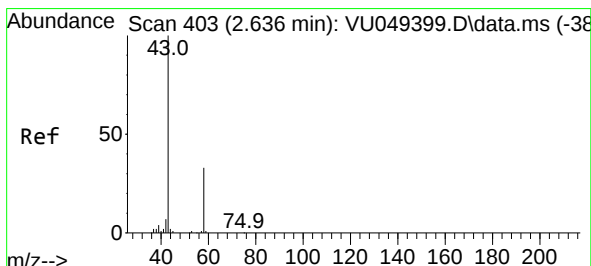
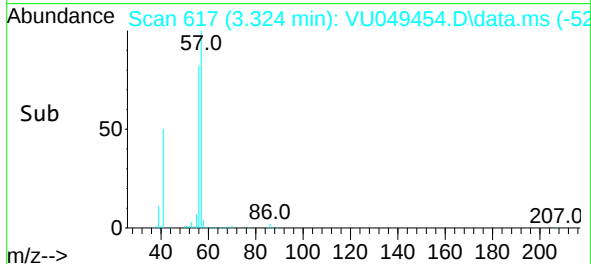
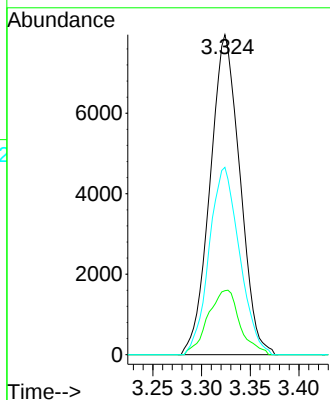
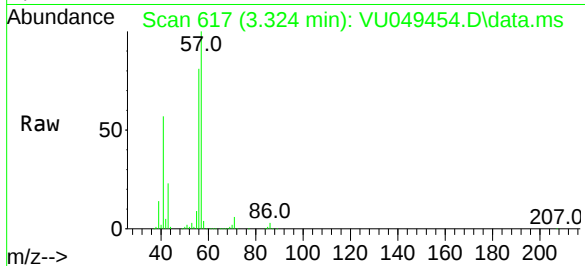




#15
Acrylonitrile
Concen: 6.318 ug/l
RT: 3.324 min Scan# 615
Delta R.T. 0.007 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

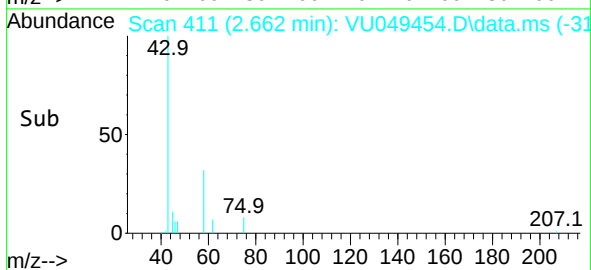
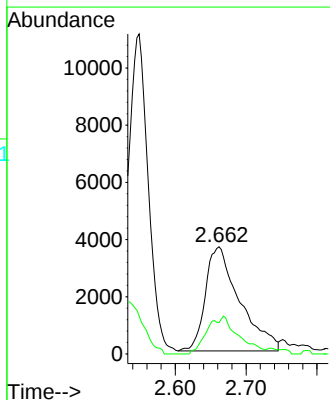
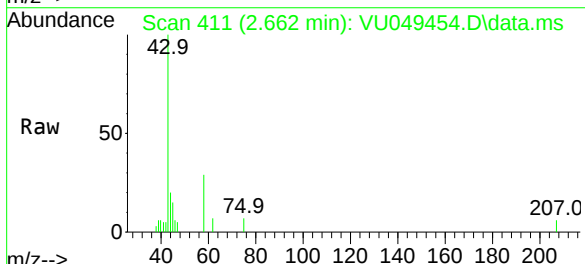
Instrument :
MSVOA_U
ClientSampleId :
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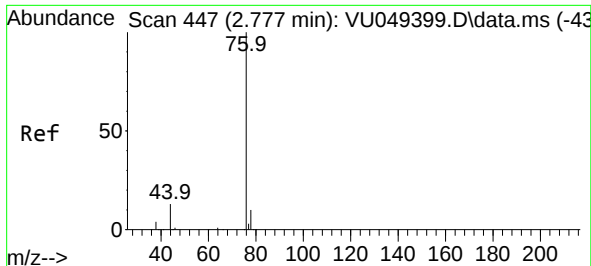
Tgt Ion: 53 Resp: 16955
Ion Ratio Lower Upper
53 100
52 21.5 65.7 98.5#
51 59.6 28.2 42.4#



#16
Acetone
Concen: 5.093 ug/l
RT: 2.662 min Scan# 411
Delta R.T. 0.026 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 43 Resp: 12243
Ion Ratio Lower Upper
43 100
58 30.1 27.5 41.3

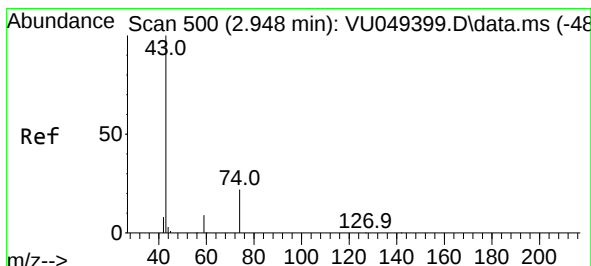
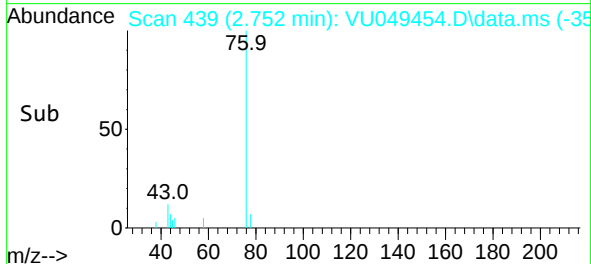
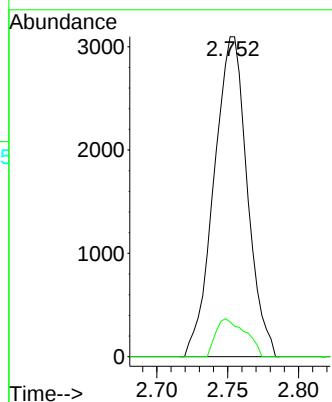
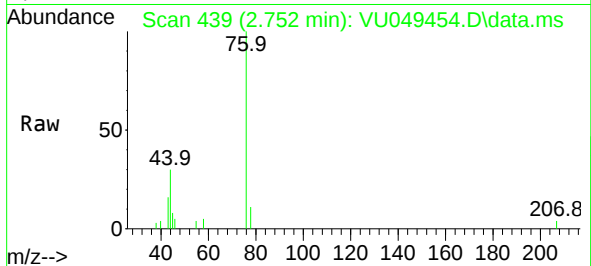




#17
Carbon Disulfide
Concen: 0.482 ug/l
RT: 2.752 min Scan# 41
Delta R.T. -0.026 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

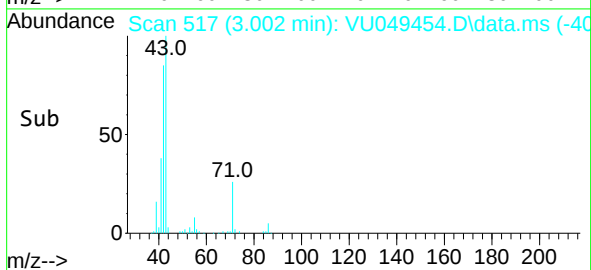
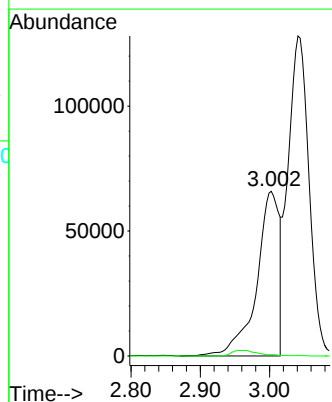
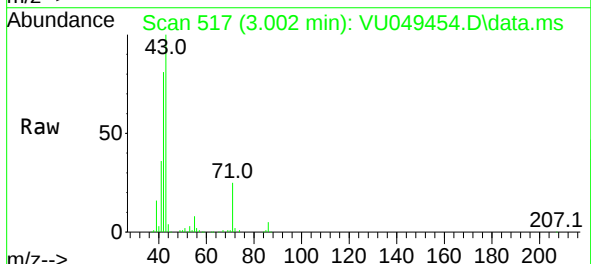
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ClientSampleId :
WC-14A-1A-1

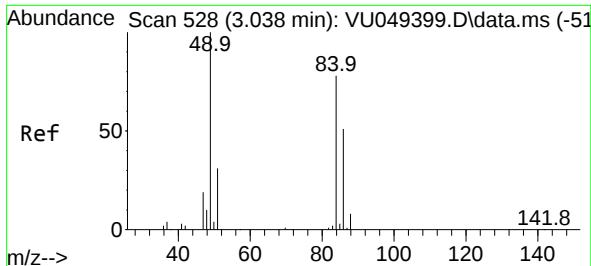
Tgt Ion: 76 Resp: 5054
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9



#18
Methyl Acetate
Concen: 22.894 ug/l
RT: 3.002 min Scan# 517
Delta R.T. 0.055 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 43 Resp: 148984
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#

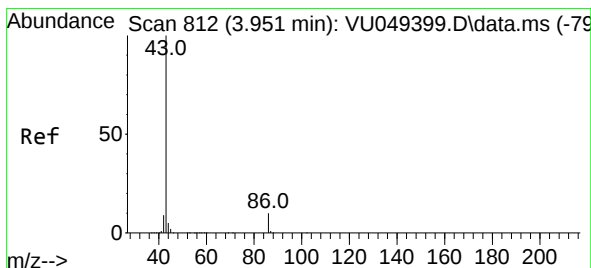
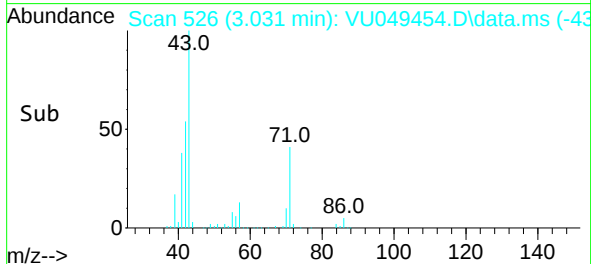
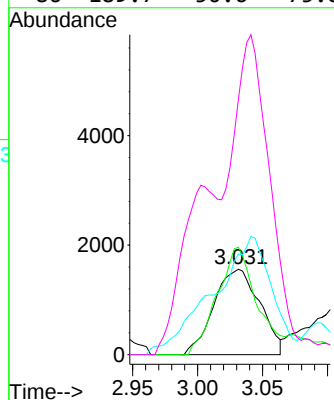
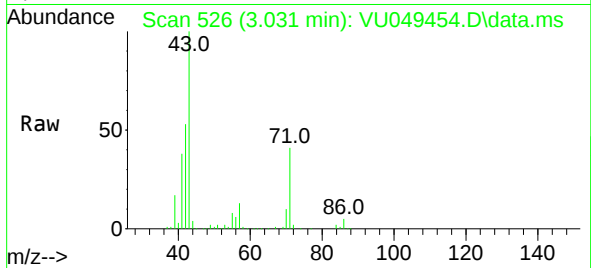




#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 3.031 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

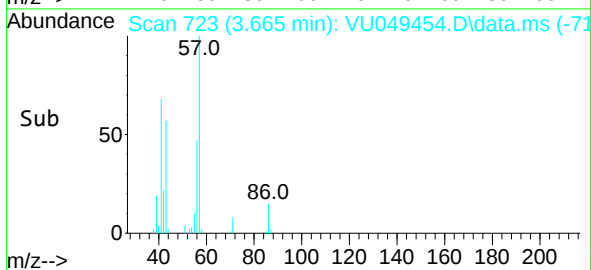
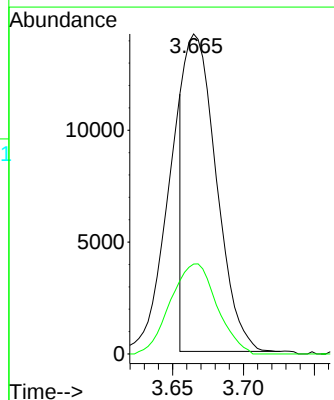
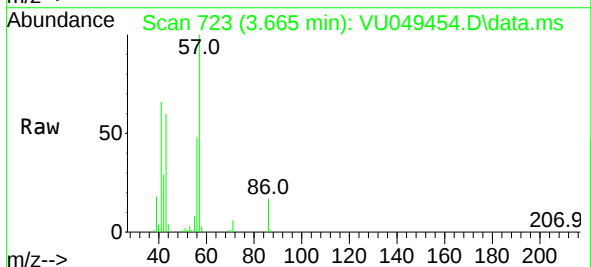
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

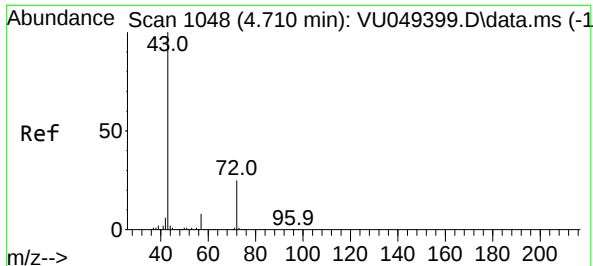
Tgt Ion: 84	Resp: 3854
Ion Ratio	Lower Upper
84 100	
49 125.8	86.6 129.8
51 89.6	26.6 40.0#
86 189.7	50.6 75.8#



#23
Vinyl Acetate
Concen: 1.968 ug/l
RT: 3.665 min Scan# 723
Delta R.T. -0.286 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 43	Resp: 22377		
Ion Ratio	Lower	Upper	
43 100			
86 28.3	9.8	14.8#	





#25

2-Butanone

Concen: 1.861 ug/l

RT: 4.745 min Scan# 1048

Delta R.T. 0.035 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

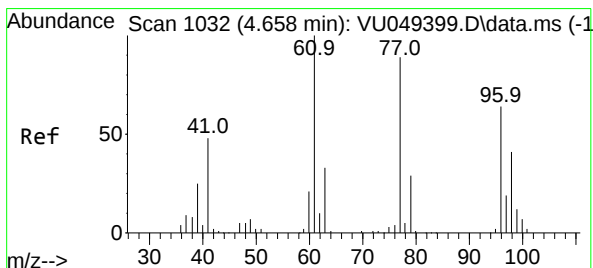
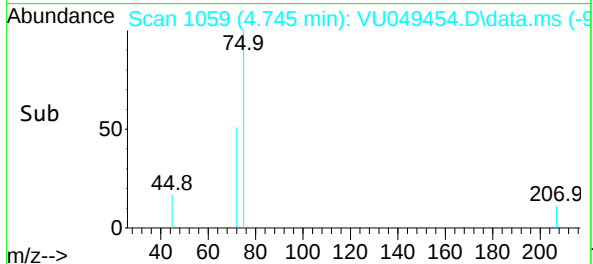
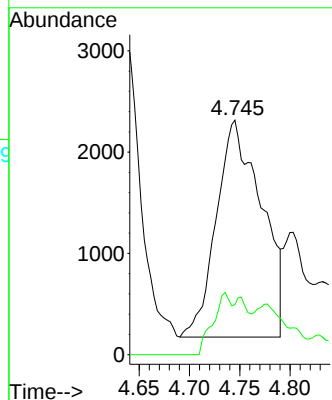
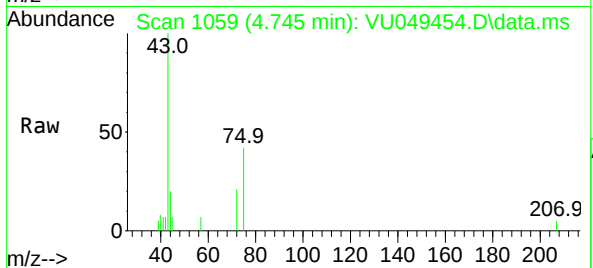
WC-14A-1A-1

Tgt Ion: 43 Resp: 6706

Ion Ratio Lower Upper

43 100

72 23.1 23.8 35.6#



#26

2,2-Dichloropropane

Concen: 0.555 ug/l

RT: 4.507 min Scan# 985

Delta R.T. -0.151 min

Lab File: VU049454.D

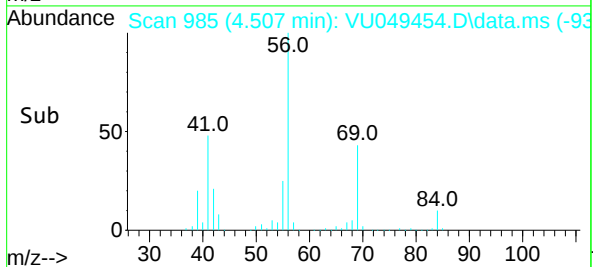
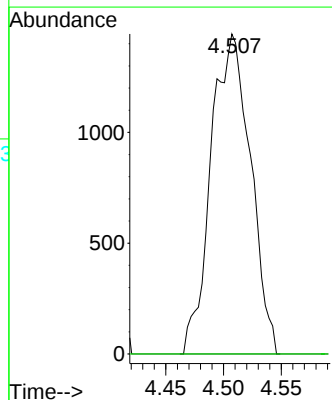
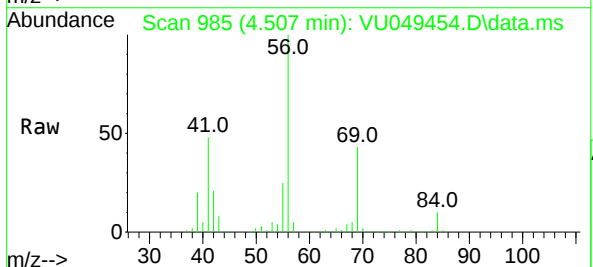
Acq: 28 Jun 2022 13:36

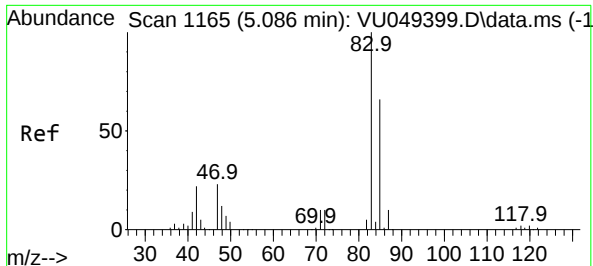
Tgt Ion: 77 Resp: 3440

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#

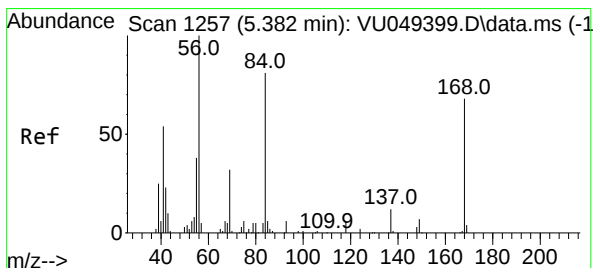
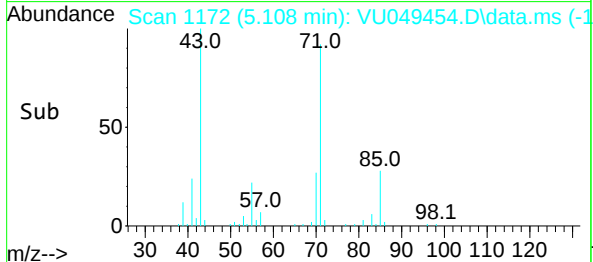
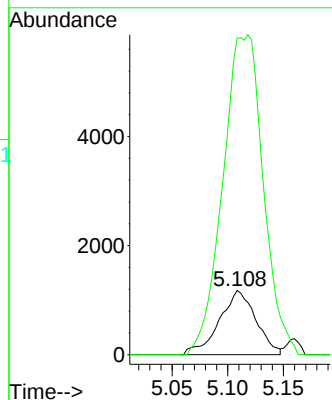
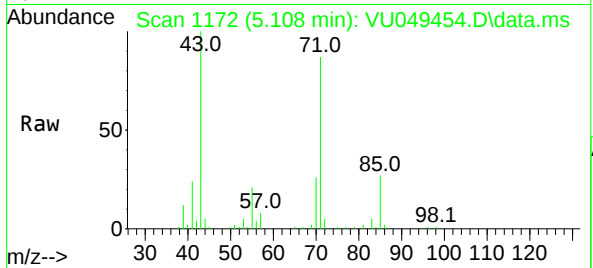




#30
Chloroform
Concen: 0.365 ug/l
RT: 5.108 min Scan# 1165
Delta R.T. 0.023 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

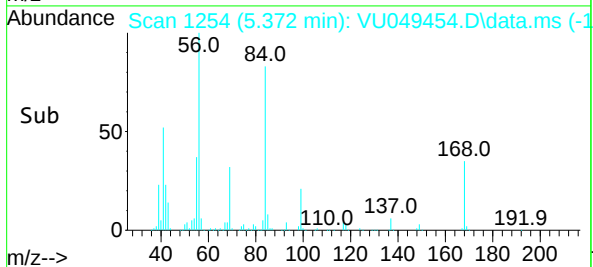
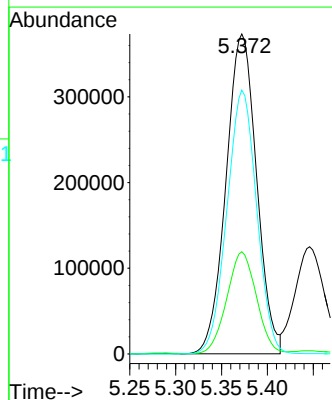
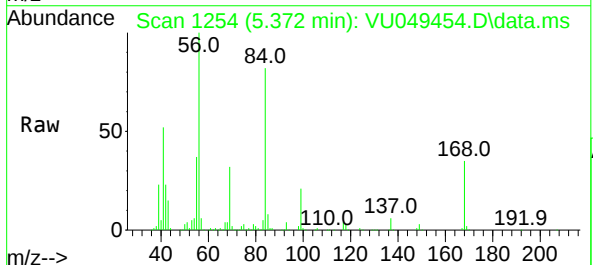
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

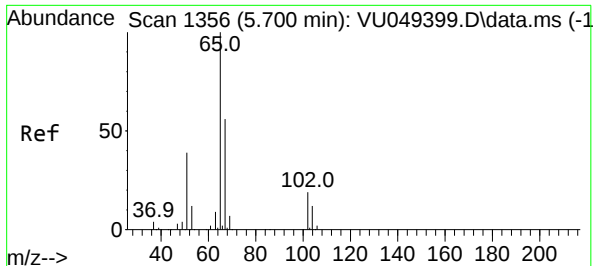
Tgt Ion: 83 Resp: 2690
Ion Ratio Lower Upper
83 100
85 492.9 51.2 76.8#



#31
Cyclohexane
Concen: 121.023 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 56 Resp: 866268
Ion Ratio Lower Upper
56 100
69 31.8 27.8 41.8
84 82.5 74.2 111.4





#33

1,2-Dichloroethane-d4

Concen: 43.247 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

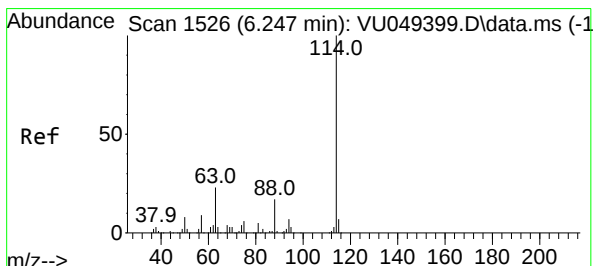
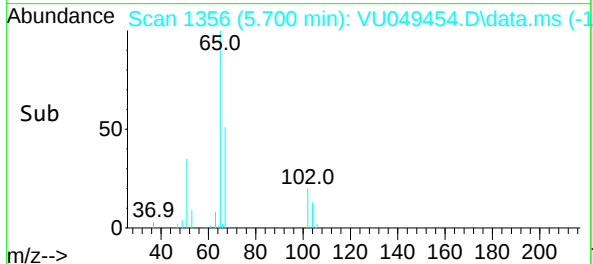
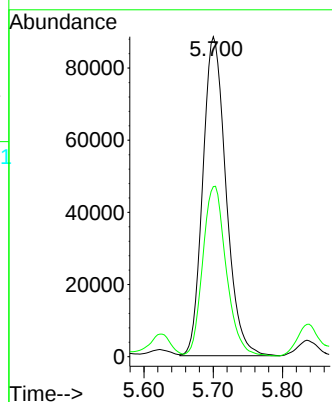
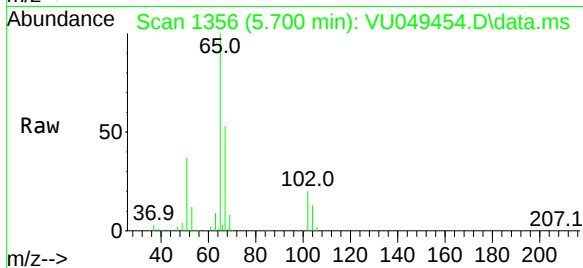
WC-14A-1A-1

Tgt Ion: 65 Resp: 206160

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

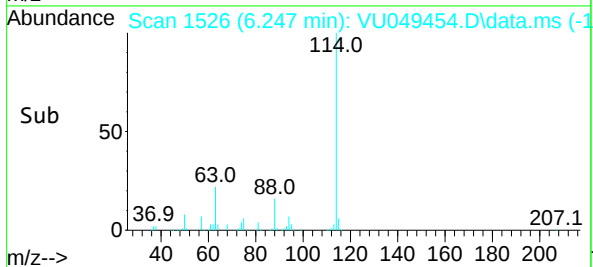
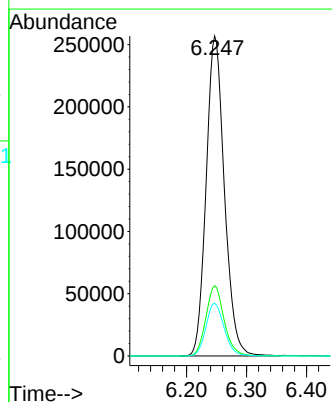
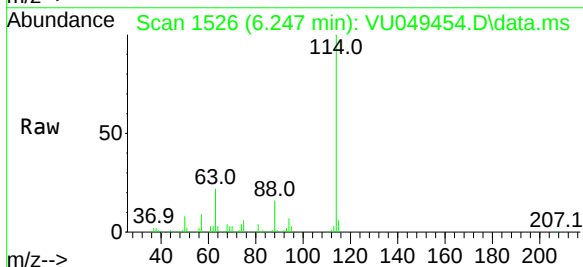
Tgt Ion: 114 Resp: 543345

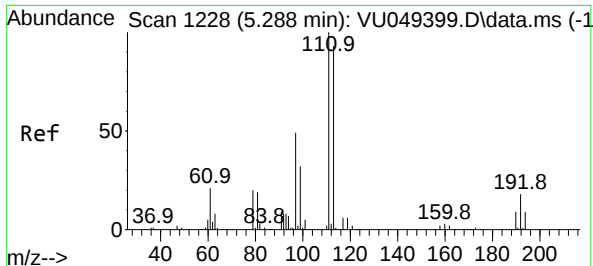
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.5 0.0 29.2

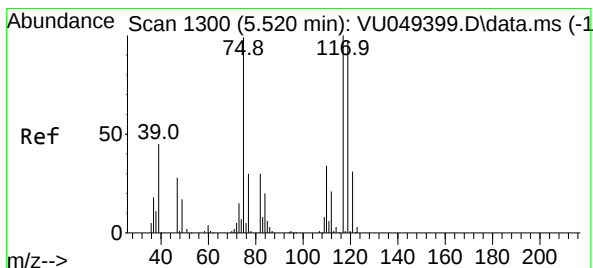
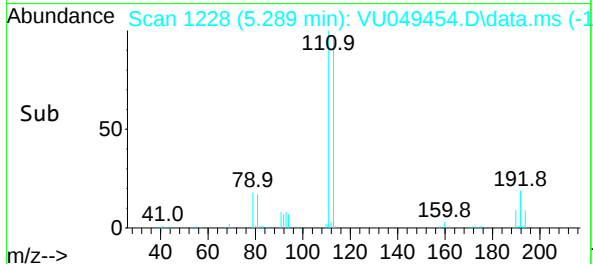
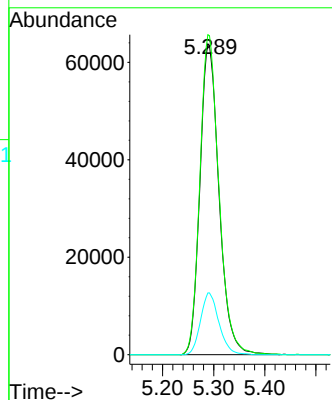
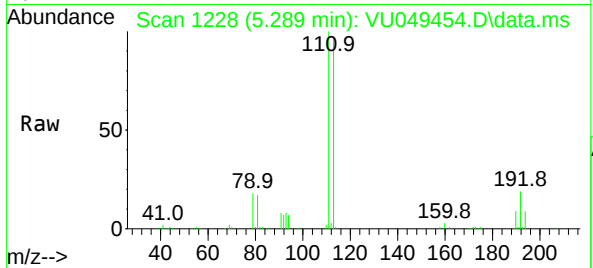




#35
Dibromofluoromethane
Concen: 43.548 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

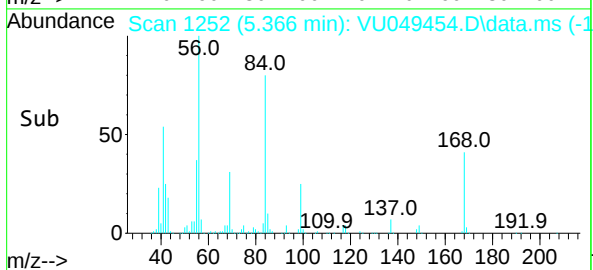
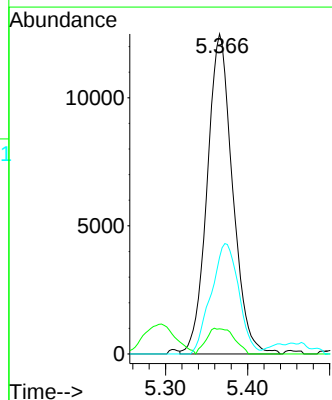
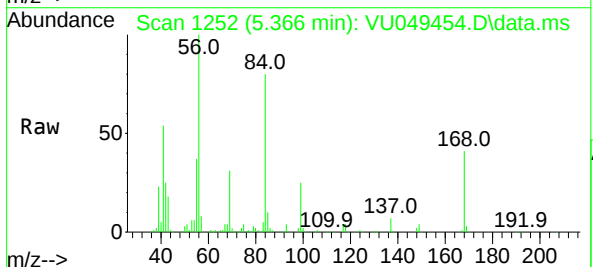
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

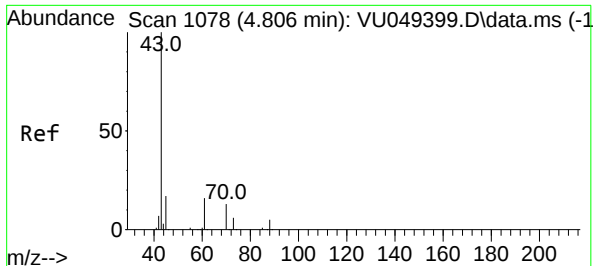
Tgt Ion:113 Resp: 165543
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 19.1 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.366 min Scan# 1252
Delta R.T. -0.154 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 75 Resp: 26896
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 37.5 25.1 37.7





#37

Ethyl Acetate

Concen: 0.890 ug/l

RT: 4.745 min Scan# 11

Delta R.T. -0.061 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

WC-14A-1A-1

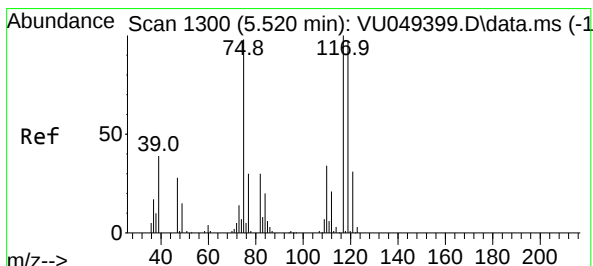
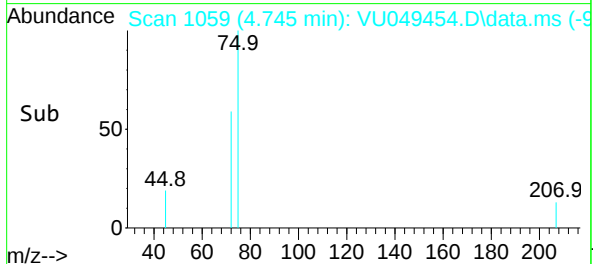
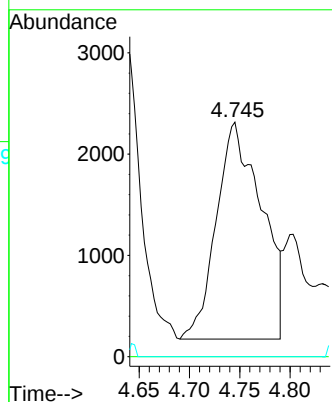
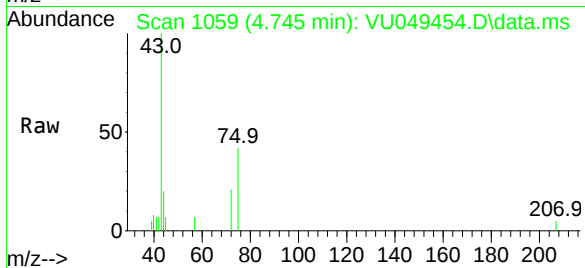
Tgt Ion: 43 Resp: 6706

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 5.557 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.151 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

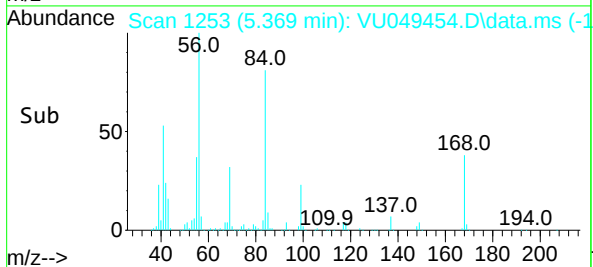
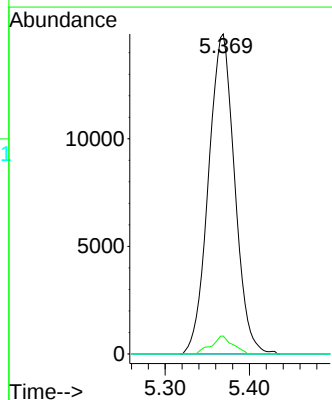
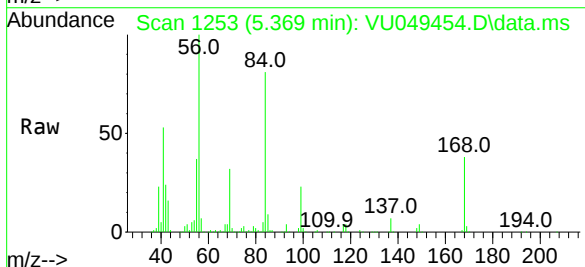
Tgt Ion: 117 Resp: 32120

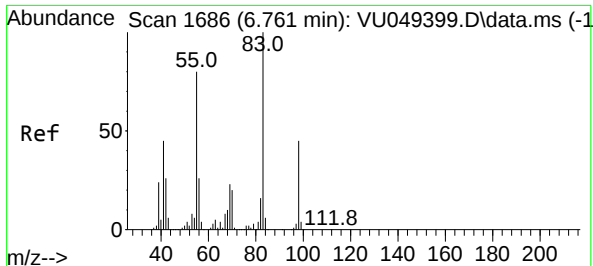
Ion Ratio Lower Upper

117 100

119 5.6 76.8 115.2#

121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 326.565 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

WC-14A-1A-1

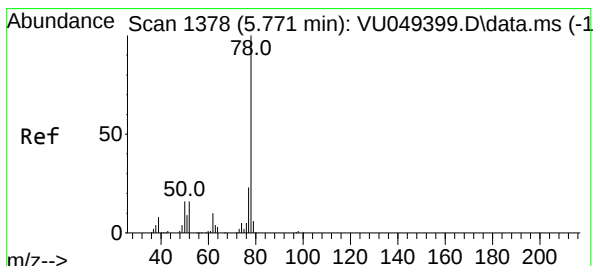
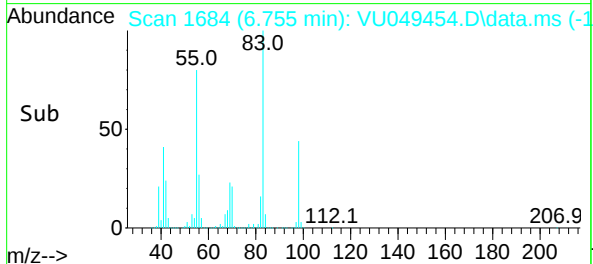
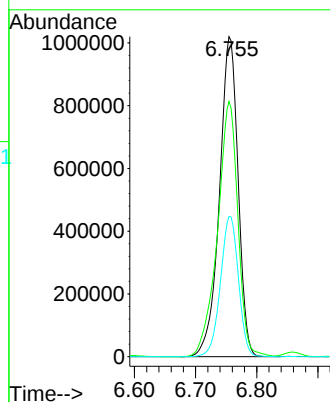
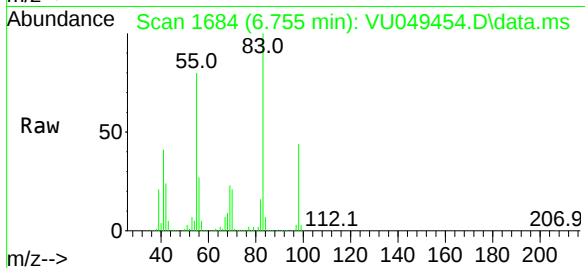
Tgt Ion: 83 Resp: 2157567

Ion Ratio Lower Upper

83 100

55 79.7 55.3 82.9

98 43.8 37.3 55.9



#40

Benzene

Concen: 1.521 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU049454.D

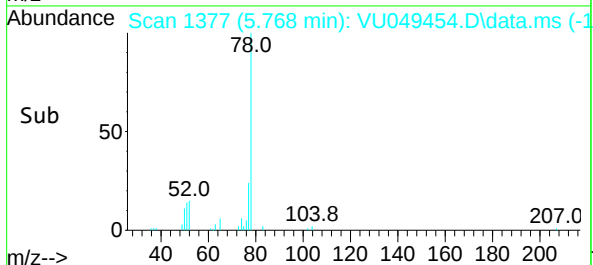
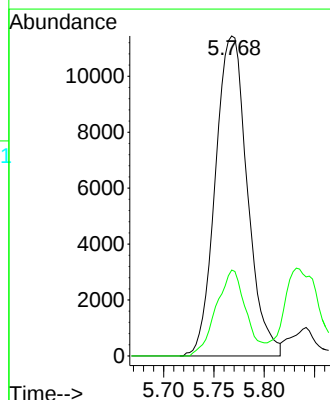
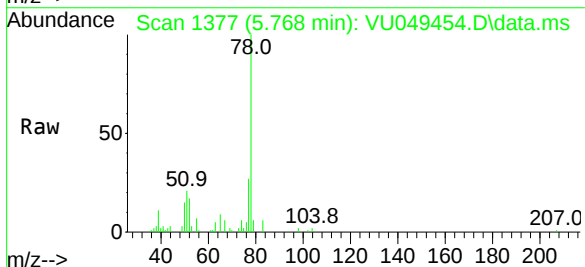
Acq: 28 Jun 2022 13:36

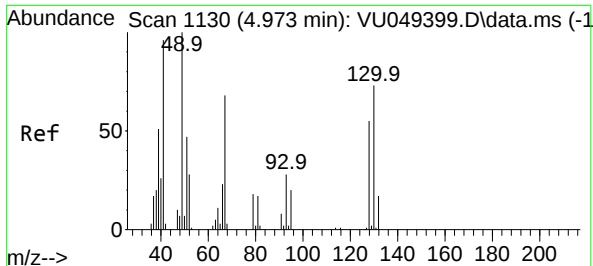
Tgt Ion: 78 Resp: 25317

Ion Ratio Lower Upper

78 100

77 26.9 18.8 28.2

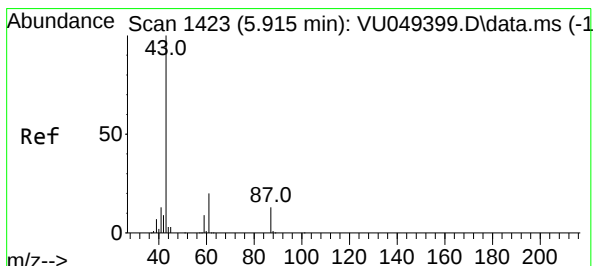
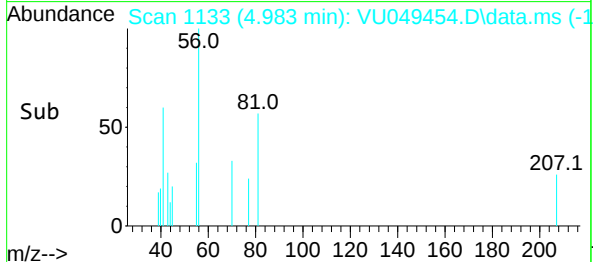
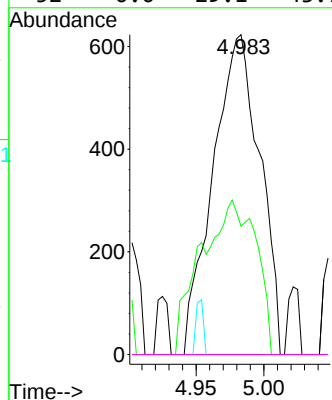
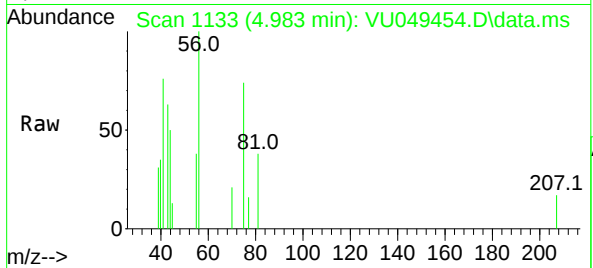




#41
Methacrylonitrile
Concen: 0.397 ug/l
RT: 4.983 min Scan# 1130
Delta R.T. 0.010 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

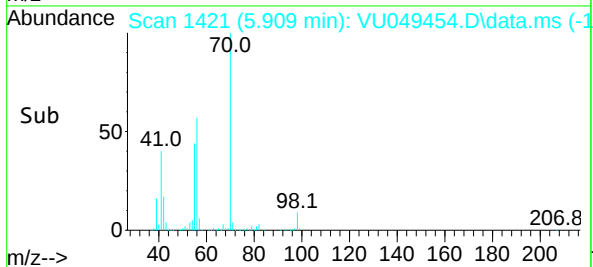
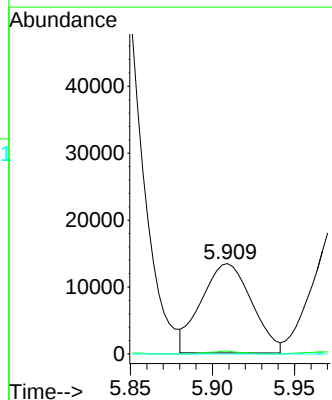
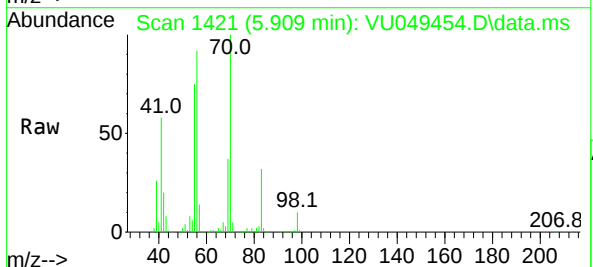
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

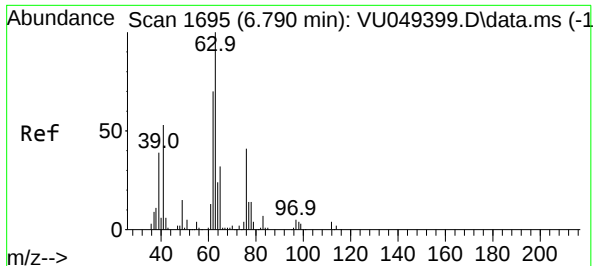
Tgt Ion: 41 Resp: 1499
Ion Ratio Lower Upper
41 100
39 33.6 43.1 64.7#
67 0.0 72.3 108.5#
52 0.0 29.1 43.7#



#43
Isopropyl Acetate
Concen: 2.581 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 43 Resp: 28480
Ion Ratio Lower Upper
43 100
61 2.1 17.4 26.0#
87 0.0 12.6 18.8#





#45

1,2-Dichloropropane

Concen: 4.319 ug/l

RT: 6.751 min Scan# 1

Delta R.T. -0.038 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

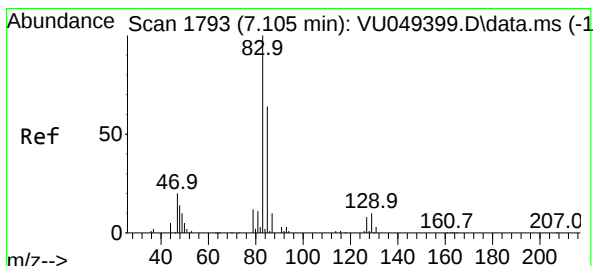
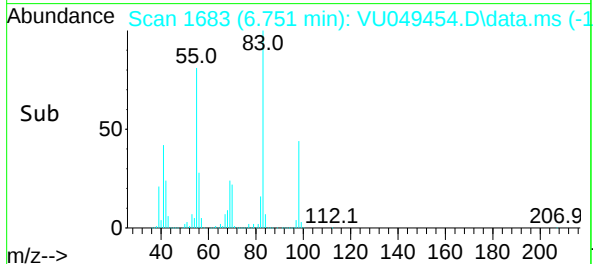
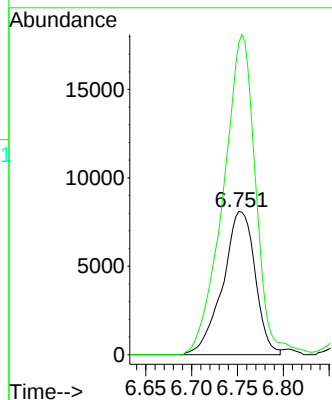
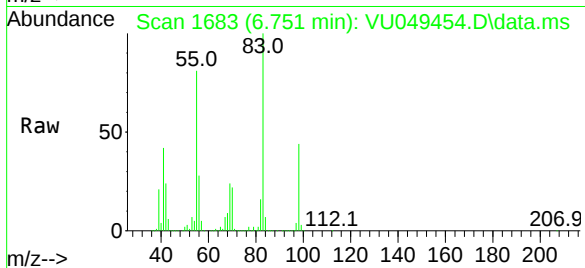
WC-14A-1A-1

Tgt Ion: 63 Resp: 19917

Ion Ratio Lower Upper

63 100

65 217.9 25.0 37.4#



#47

Bromodichloromethane

Concen: 4.299 ug/l

RT: 7.067 min Scan# 1781

Delta R.T. -0.038 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

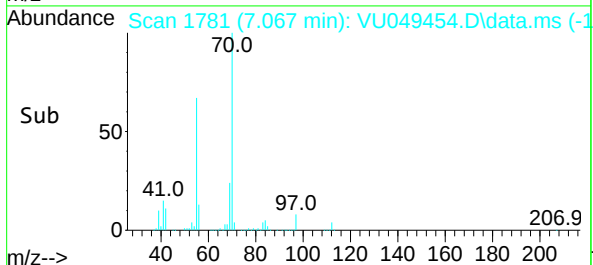
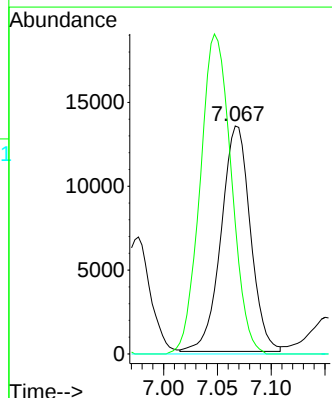
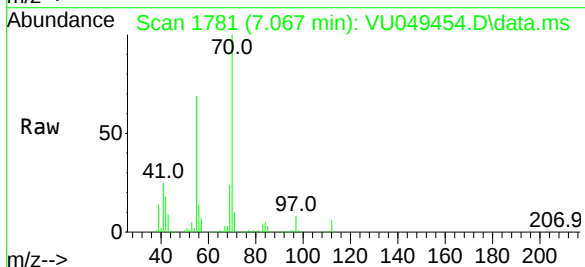
Tgt Ion: 83 Resp: 25439

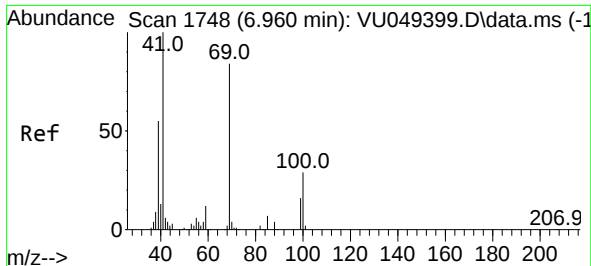
Ion Ratio Lower Upper

83 100

85 58.5 51.4 77.2

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 15.393 ug/l

RT: 6.973 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

WC-14A-1A-1

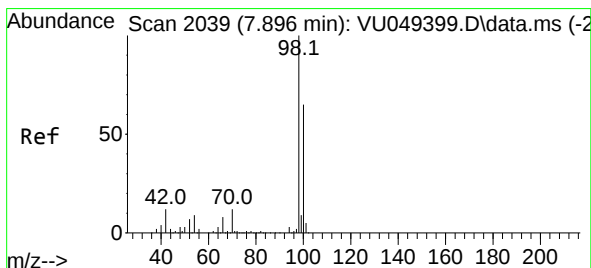
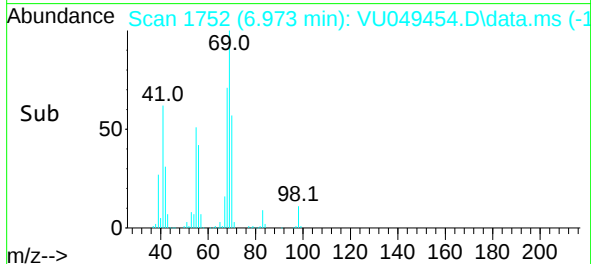
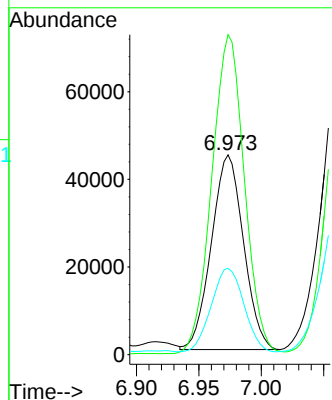
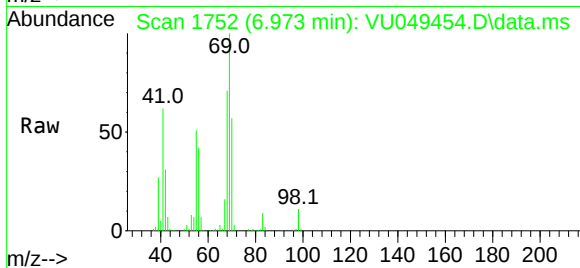
Tgt Ion: 41 Resp: 79613

Ion Ratio Lower Upper

41 100

69 166.4 79.8 119.6#

39 43.3 47.9 71.9#



#50

Toluene-d8

Concen: 50.490 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049454.D

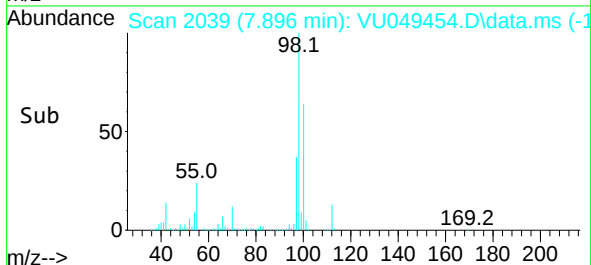
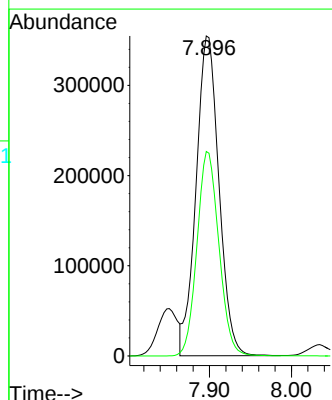
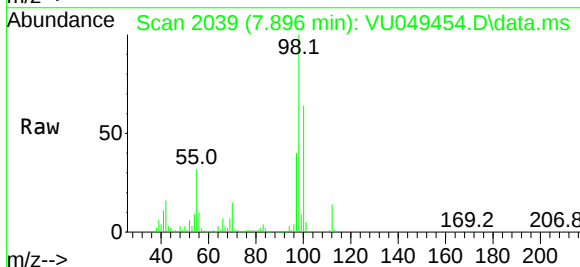
Acq: 28 Jun 2022 13:36

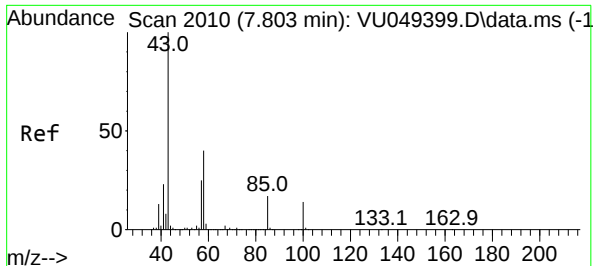
Tgt Ion: 98 Resp: 684574

Ion Ratio Lower Upper

98 100

100 61.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 16.581 ug/l

RT: 7.851 min Scan# 2010

Delta R.T. 0.048 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

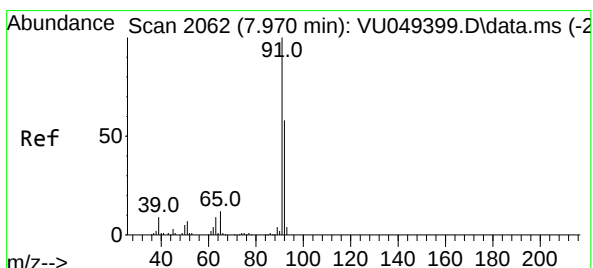
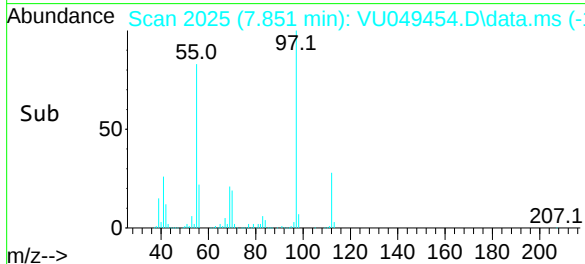
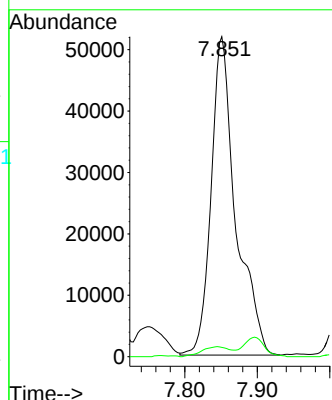
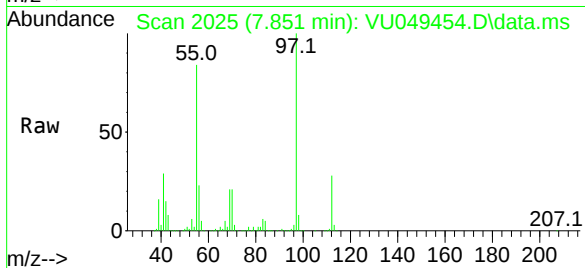
WC-14A-1A-1

Tgt Ion: 43 Resp: 122468

Ion Ratio Lower Upper

43 100

58 3.7 34.7 52.1#



#52

Toluene

Concen: 2.132 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049454.D

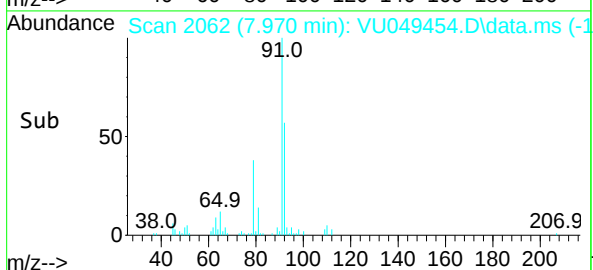
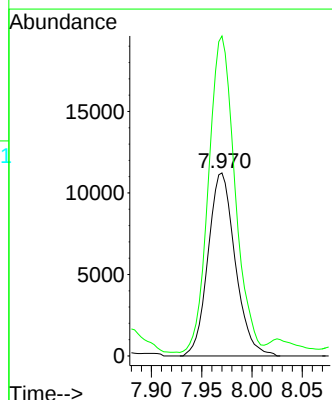
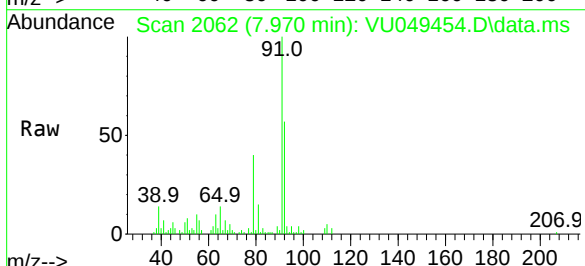
Acq: 28 Jun 2022 13:36

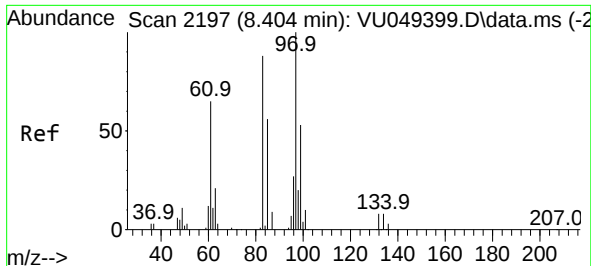
Tgt Ion: 92 Resp: 21087

Ion Ratio Lower Upper

92 100

91 168.0 138.2 207.4

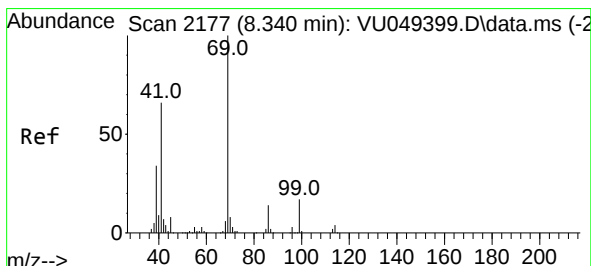
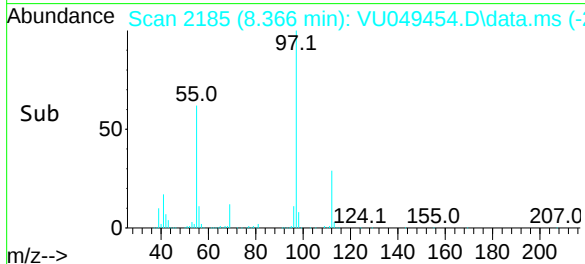
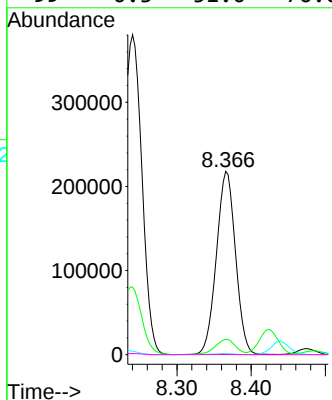
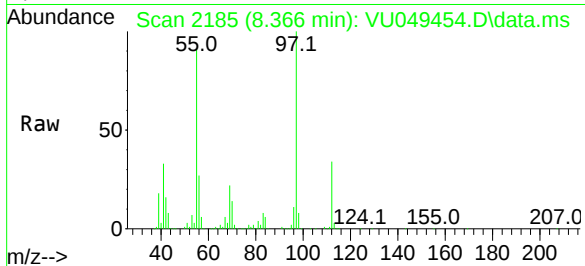




#55
1,1,2-Trichloroethane
Concen: 95.379 ug/l
RT: 8.366 min Scan# 2197
Delta R.T. -0.038 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

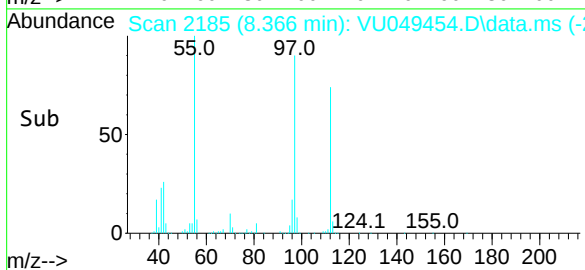
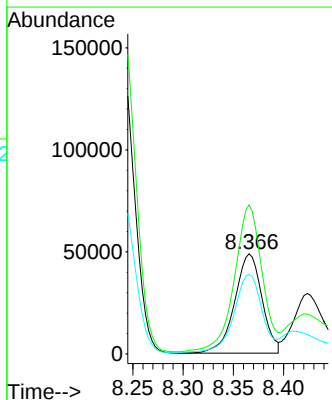
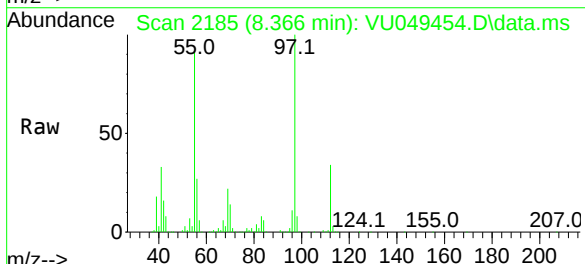
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

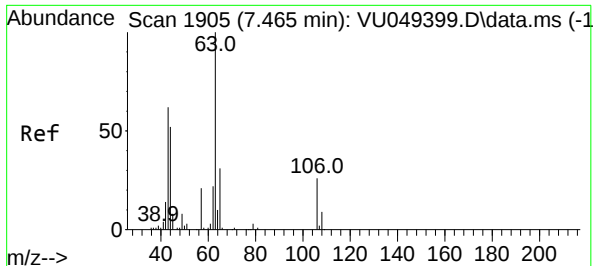
Tgt Ion:	97	Resp:	390051
Ion	Ratio	Lower	Upper
97	100		
83	8.3	70.2	105.4#
85	0.4	44.6	66.8#
99	0.3	51.0	76.6#



#56
Ethyl methacrylate
Concen: 13.505 ug/l
RT: 8.366 min Scan# 2185
Delta R.T. 0.026 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion:	69	Resp:	92371
Ion	Ratio	Lower	Upper
69	100		
41	148.6	45.4	68.0#
39	79.9	25.7	38.5#





#58

2-Chloroethyl Vinyl ether

Concen: 13.428 ug/l

RT: 7.478 min Scan# 1905

Delta R.T. 0.013 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

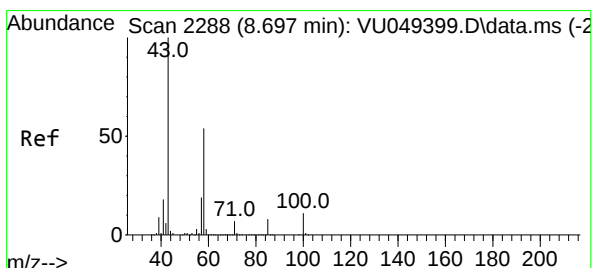
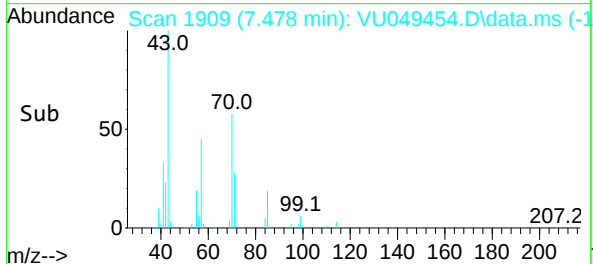
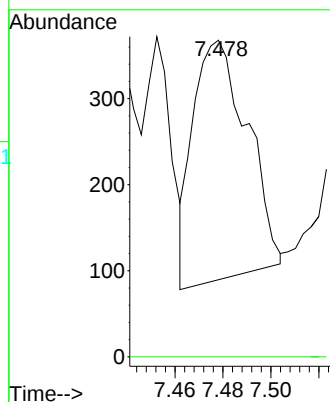
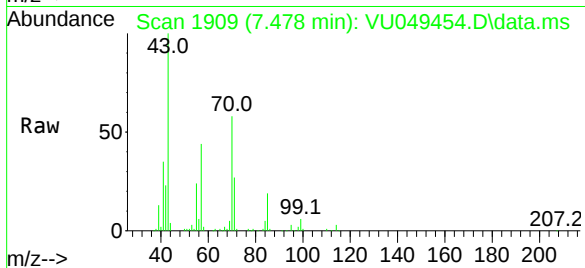
WC-14A-1A-1

Tgt Ion: 63 Resp: 437

Ion Ratio Lower Upper

63 100

106 0.0 23.1 34.7#



#59

2-Hexanone

Concen: 30.263 ug/l

RT: 8.758 min Scan# 2307

Delta R.T. 0.061 min

Lab File: VU049454.D

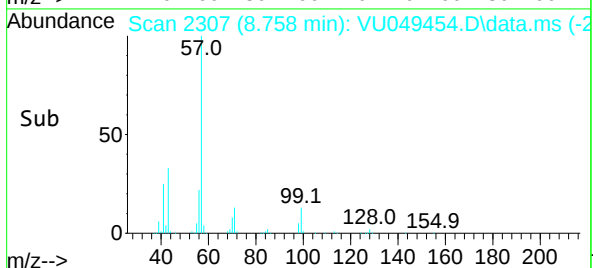
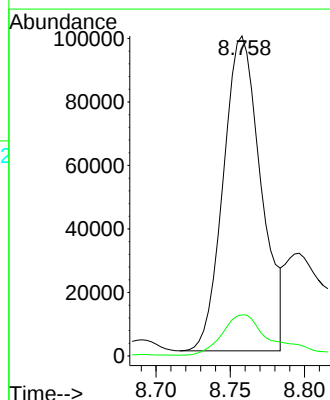
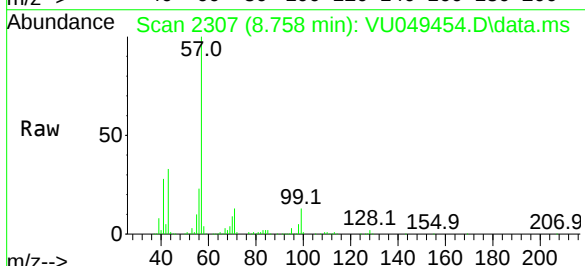
Acq: 28 Jun 2022 13:36

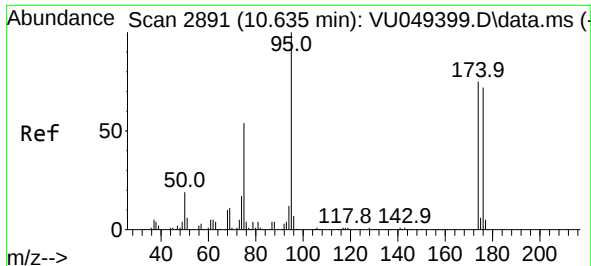
Tgt Ion: 43 Resp: 175776

Ion Ratio Lower Upper

43 100

58 16.5 30.3 90.8#

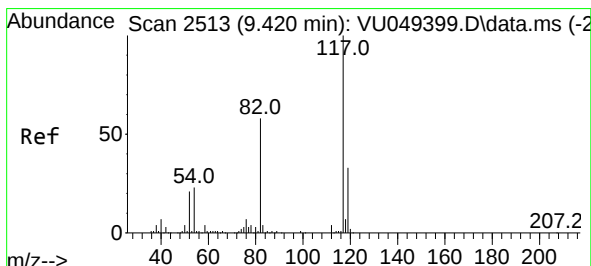
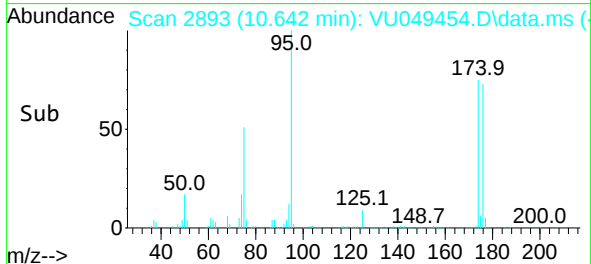
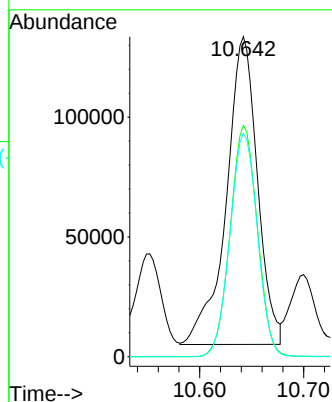
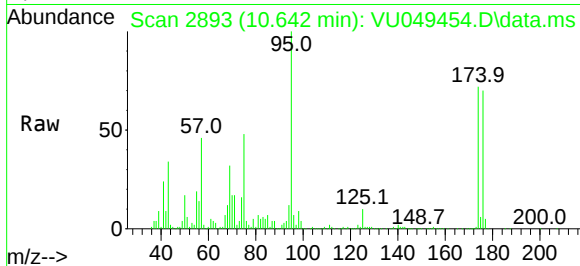




#62
4-Bromofluorobenzene
Concen: 51.517 ug/l
RT: 10.642 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

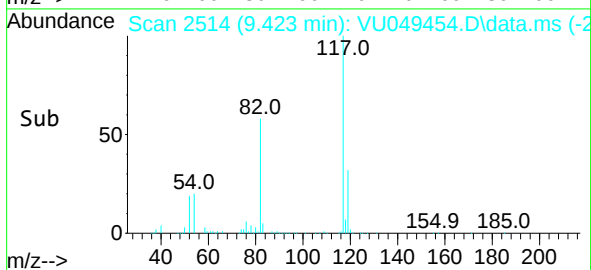
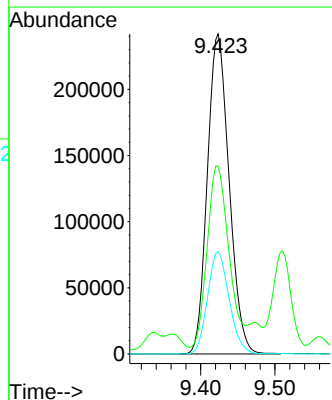
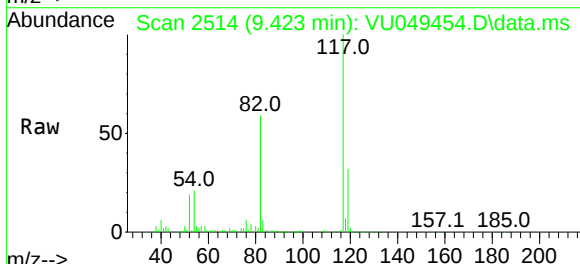
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

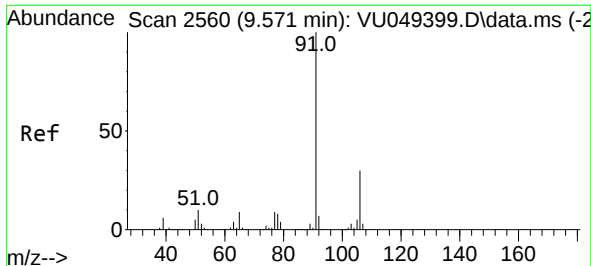
Tgt Ion: 95 Resp: 267571
Ion Ratio Lower Upper
95 100
174 65.6 0.0 182.0
176 63.8 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 117 Resp: 491903
Ion Ratio Lower Upper
117 100
82 54.1 41.7 62.5
119 32.0 25.7 38.5





#67

Ethyl Benzene

Concen: 5.533 ug/l

RT: 9.575 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

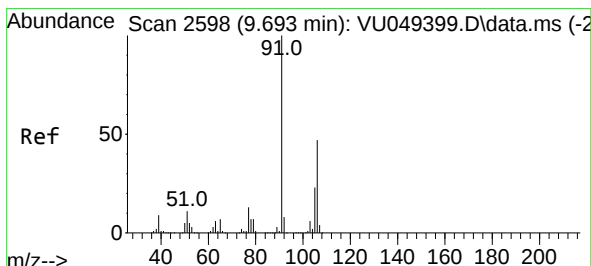
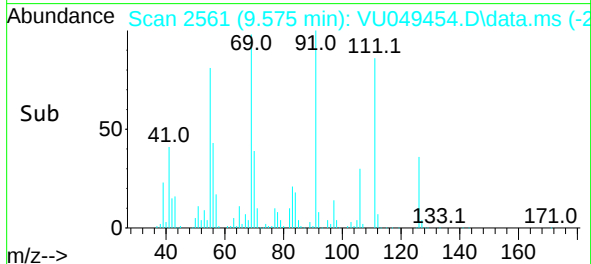
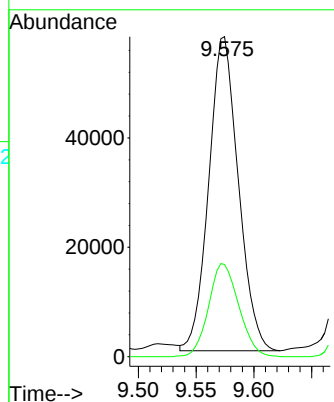
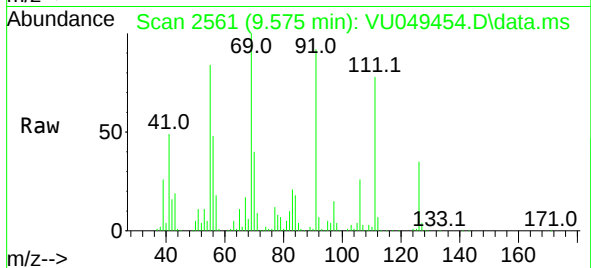
WC-14A-1A-1

Tgt Ion: 91 Resp: 102150

Ion Ratio Lower Upper

91 100

106 29.4 25.6 38.4



#68

m/p-Xylenes

Concen: 22.688 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU049454.D

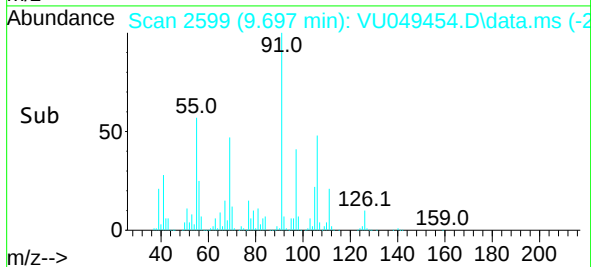
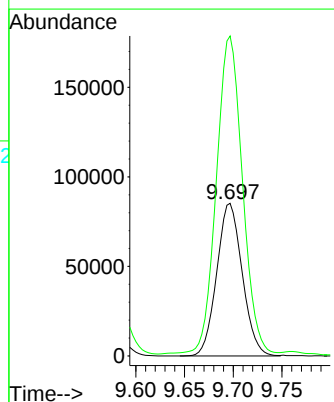
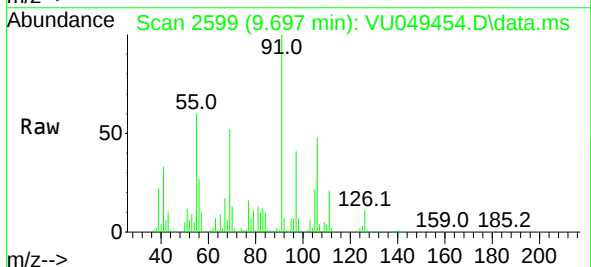
Acq: 28 Jun 2022 13:36

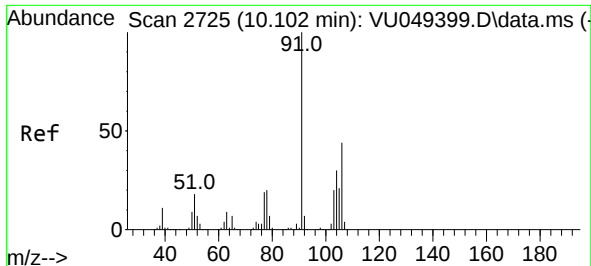
Tgt Ion:106 Resp: 154983

Ion Ratio Lower Upper

106 100

91 213.2 157.2 235.8

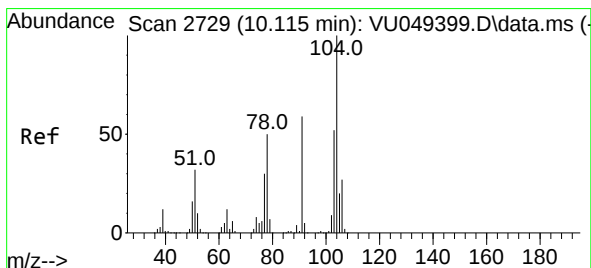
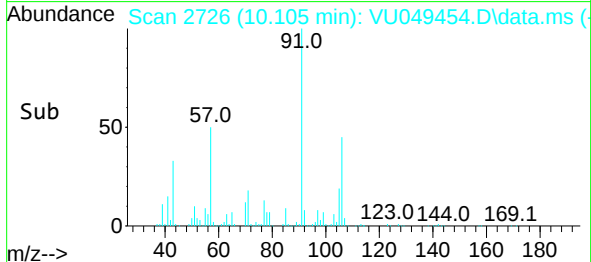
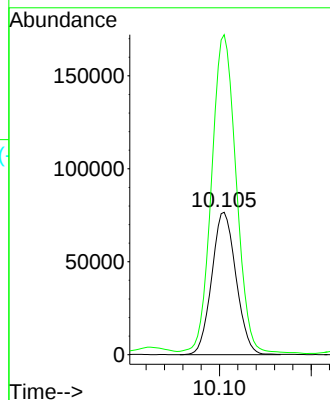
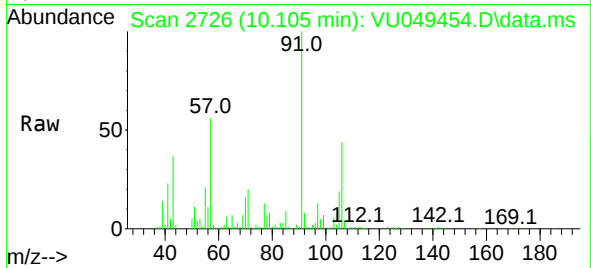




#69
o-Xylene
Concen: 20.766 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

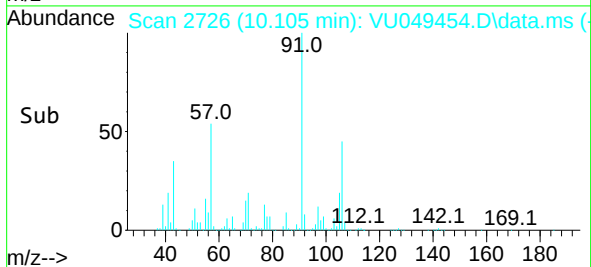
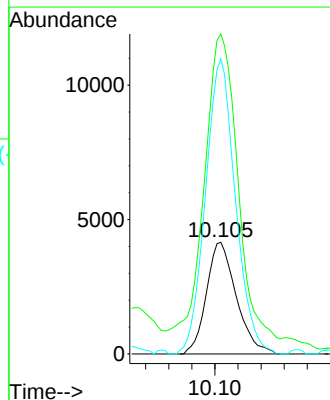
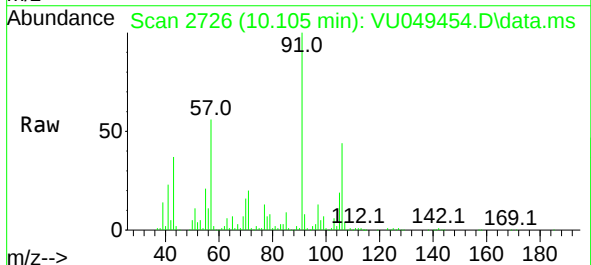
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

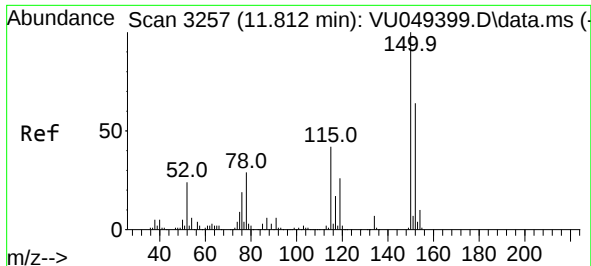
Tgt Ion:106 Resp: 140822
Ion Ratio Lower Upper
106 100
91 227.8 103.5 310.5



#70
Styrene
Concen: 0.686 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.010 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion:104 Resp: 7470
Ion Ratio Lower Upper
104 100
78 306.3 38.0 57.0#
103 264.6 43.9 65.9#

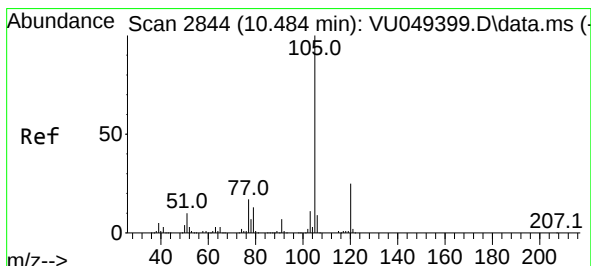
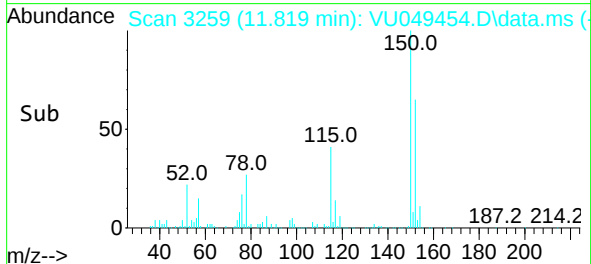
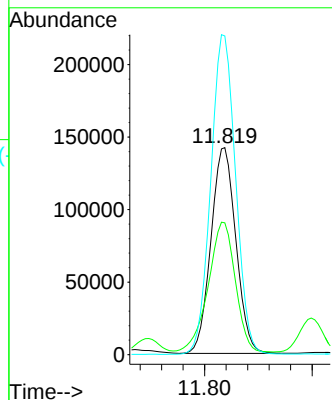
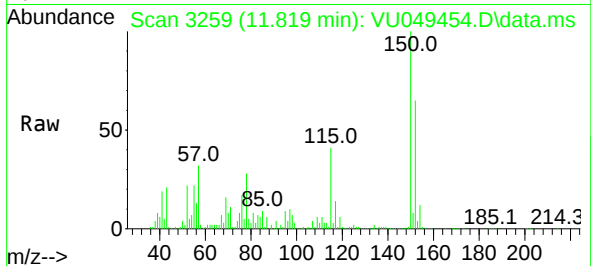




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

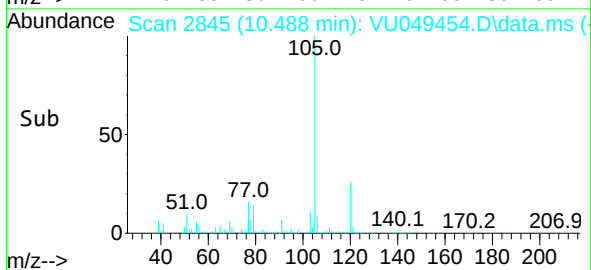
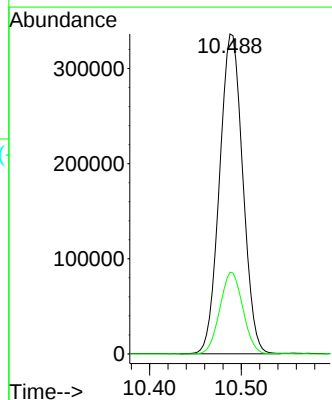
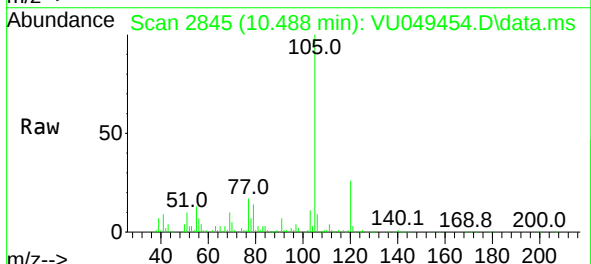
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

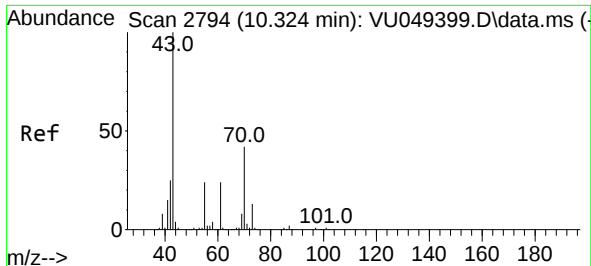
Tgt Ion:152 Resp: 228455
Ion Ratio Lower Upper
152 100
115 70.2 37.0 110.9
150 155.1 0.0 342.2



#73
Isopropylbenzene
Concen: 36.288 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion:105 Resp: 590557
Ion Ratio Lower Upper
105 100
120 25.4 13.8 41.4



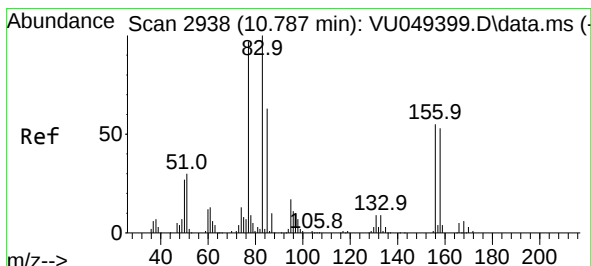
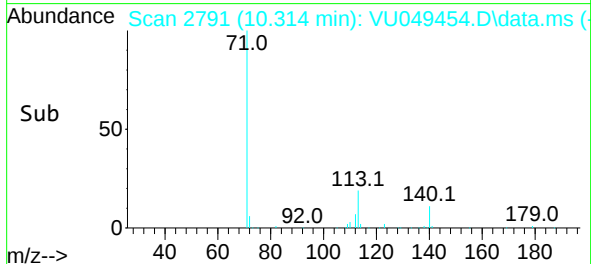
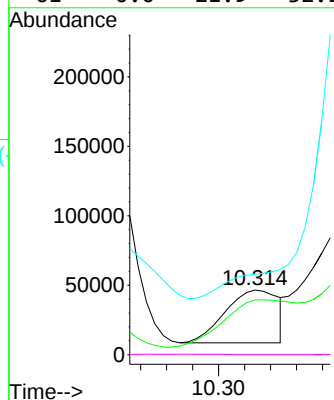
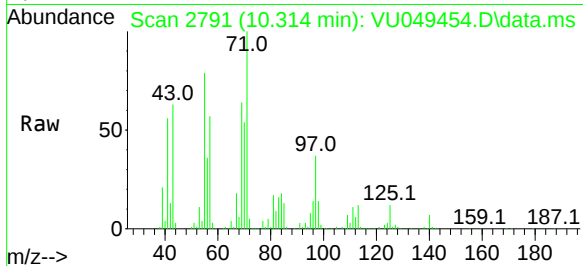


#74
N-amy1 acetate
Concen: 6.269 ug/l
RT: 10.314 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

Tgt Ion: 43 Resp: 53998

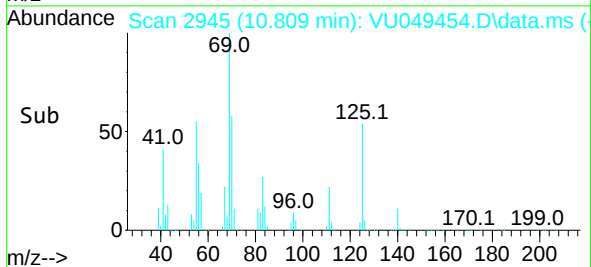
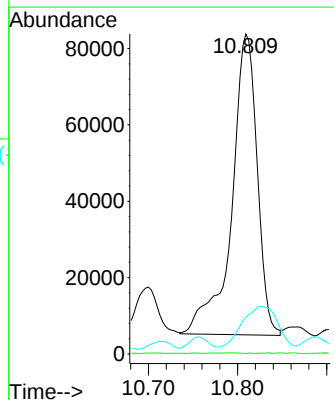
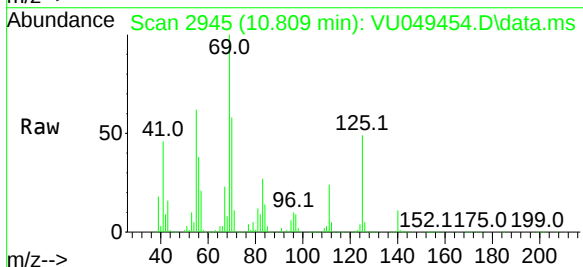
Ion	Ratio	Lower	Upper
43	100		
70	117.8	38.7	58.1#
55	0.0	21.8	32.8#
61	0.0	21.9	32.9#

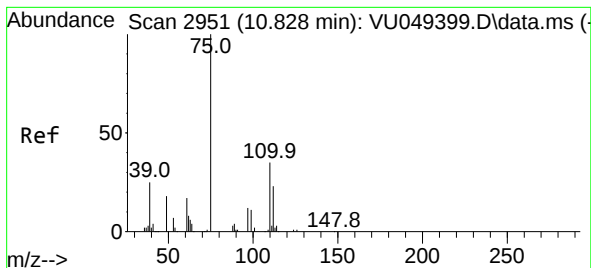


#75
1,1,2,2-Tetrachloroethane
Concen: 22.780 ug/l
RT: 10.809 min Scan# 2945
Delta R.T. 0.023 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 83 Resp: 157038

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	0.0	32.2	96.6#





#76

1,2,3-Trichloropropane

Concen: 0.513 ug/l

RT: 10.909 min Scan# 2976

Delta R.T. 0.081 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

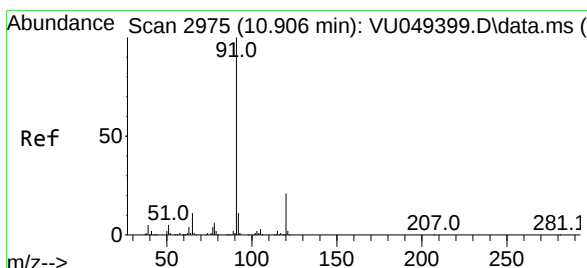
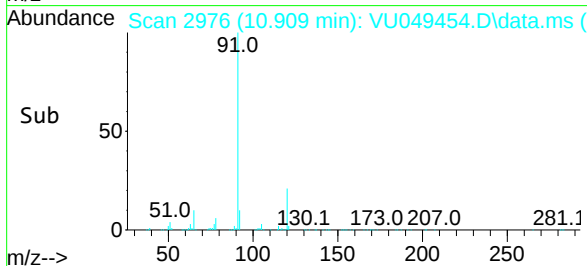
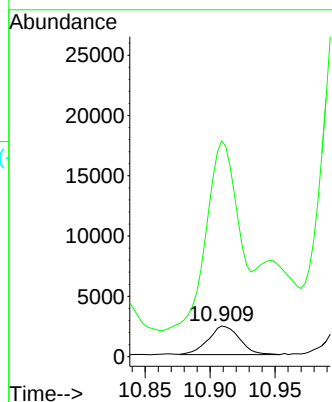
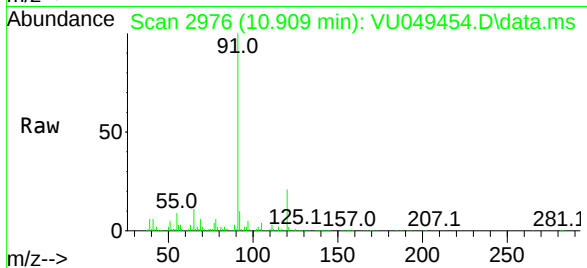
WC-14A-1A-1

Tgt Ion: 75 Resp: 3976

Ion Ratio Lower Upper

75 100

77 684.6 15.8 47.3#



#78

n-propylbenzene

Concen: 34.694 ug/l

RT: 10.909 min Scan# 2976

Delta R.T. 0.003 min

Lab File: VU049454.D

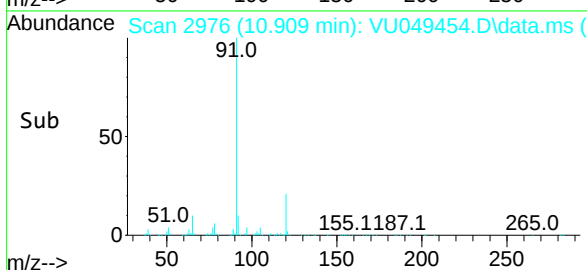
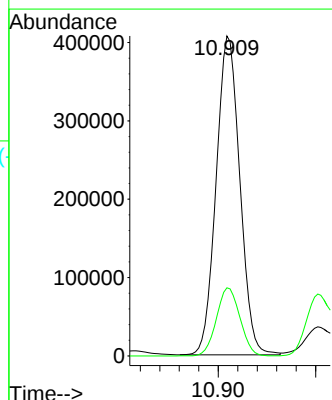
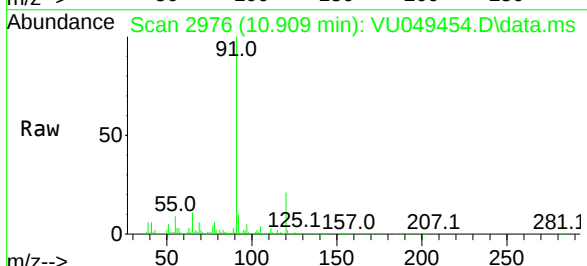
Acq: 28 Jun 2022 13:36

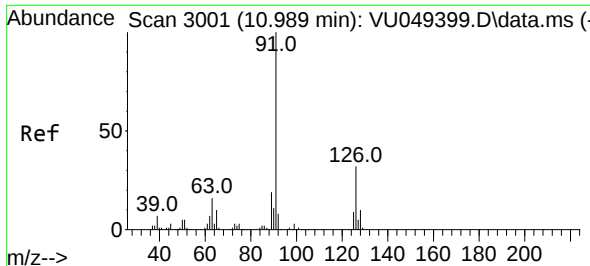
Tgt Ion: 91 Resp: 686067

Ion Ratio Lower Upper

91 100

120 21.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 7.964 ug/l

RT: 11.002 min Scan# 3005

Delta R.T. 0.013 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

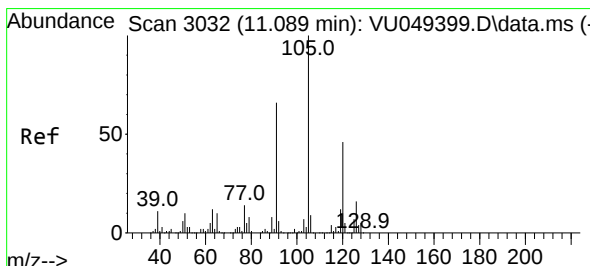
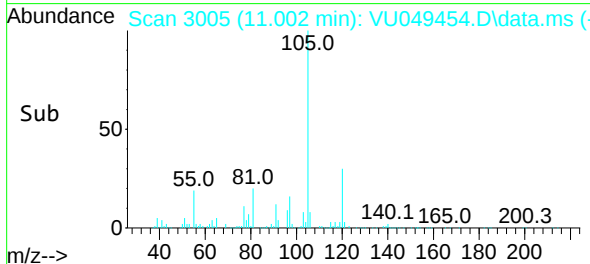
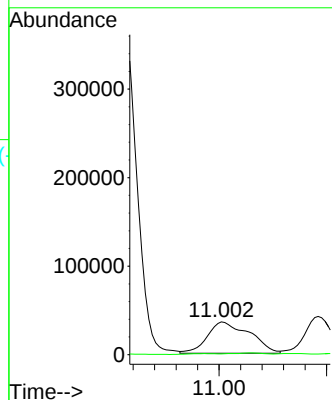
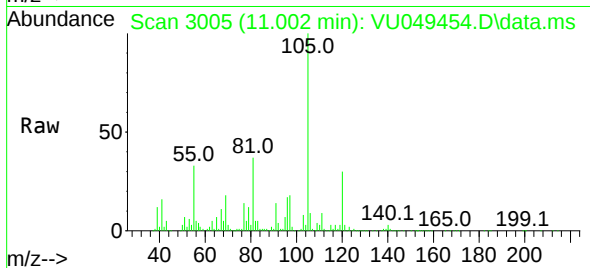
WC-14A-1A-1

Tgt Ion: 91 Resp: 97035

Ion Ratio Lower Upper

91 100

126 1.8 18.4 55.0#



#80

1,3,5-Trimethylbenzene

Concen: 44.689 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU049454.D

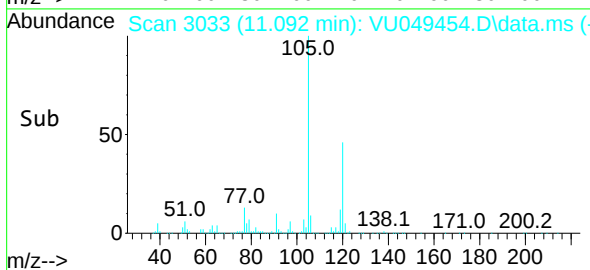
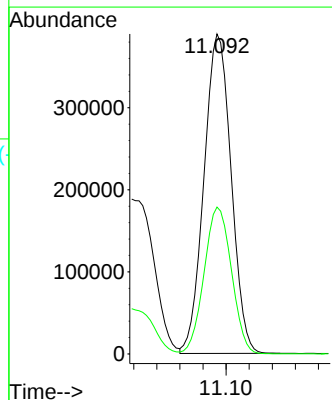
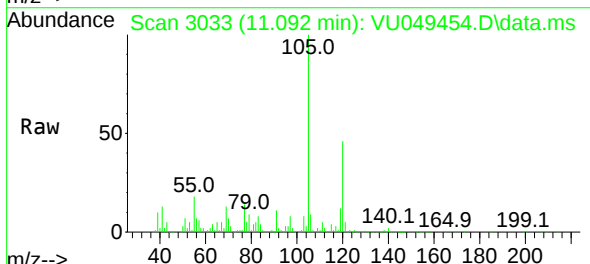
Acq: 28 Jun 2022 13:36

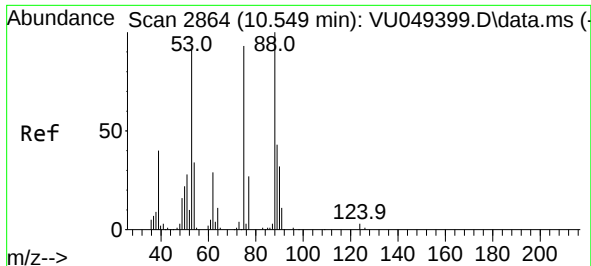
Tgt Ion: 105 Resp: 634930

Ion Ratio Lower Upper

105 100

120 46.4 25.3 75.9

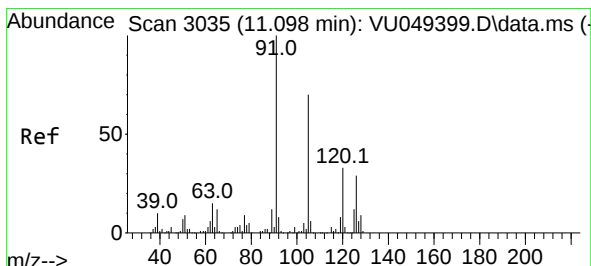
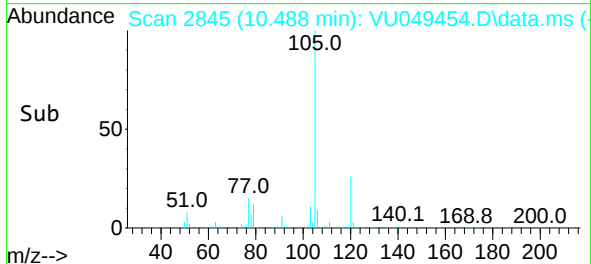
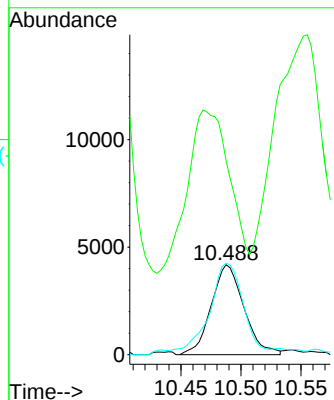
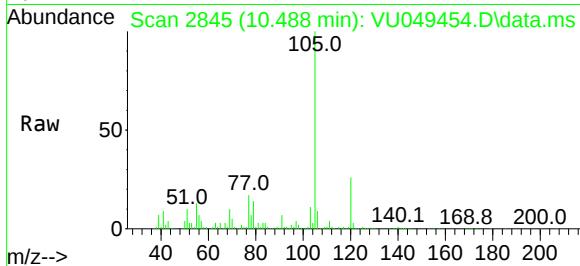




#81
trans-1,4-Dichloro-2-butene
Concen: 3.780 ug/l
RT: 10.488 min Scan# 21
Delta R.T. -0.061 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

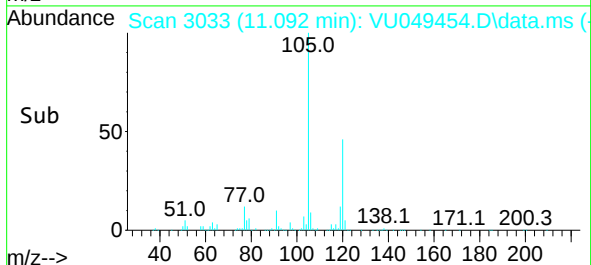
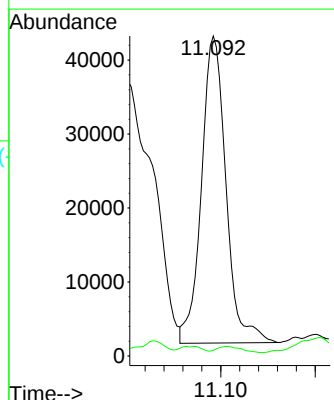
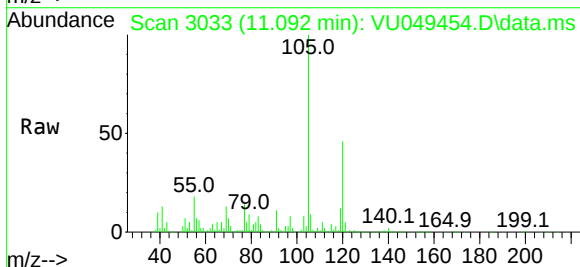
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

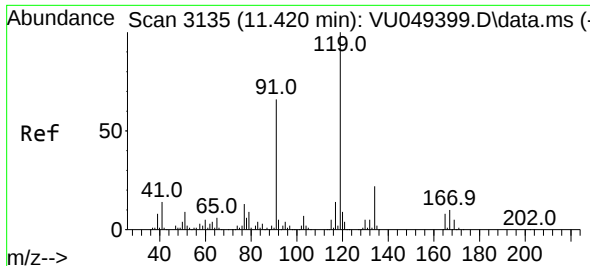
Tgt Ion: 75 Resp: 7928
Ion Ratio Lower Upper
75 100
53 234.5 69.2 103.8#
89 98.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 5.450 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.006 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 91 Resp: 74683
Ion Ratio Lower Upper
91 100
126 1.9 16.1 48.2#

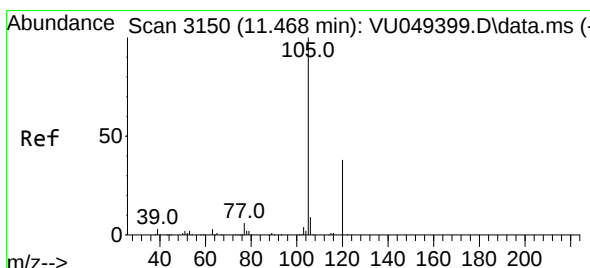
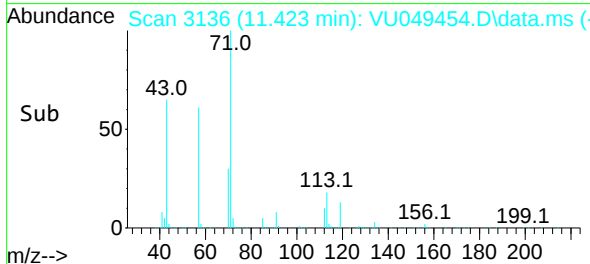
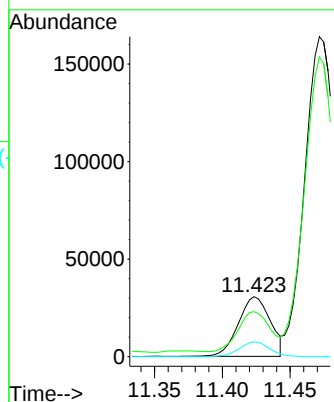
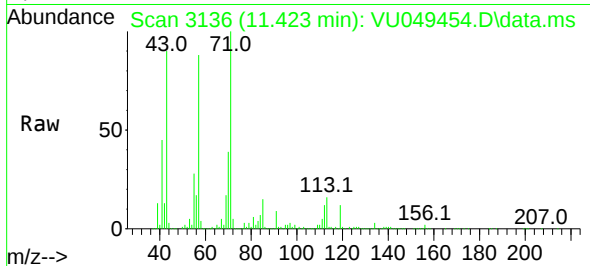




#83
tert-Butylbenzene
Concen: 3.585 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

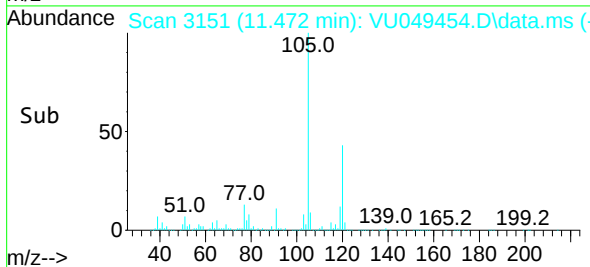
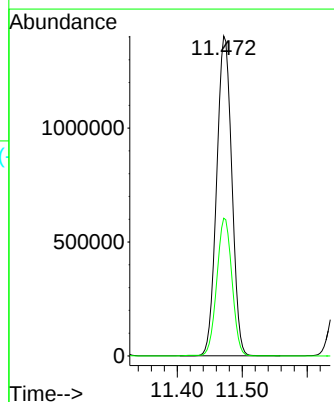
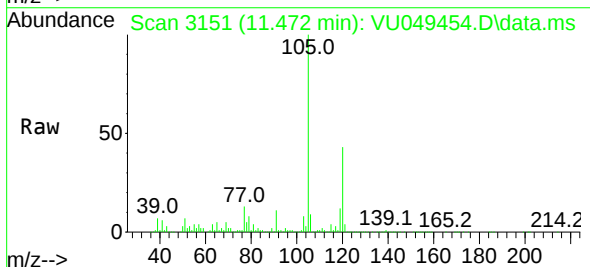
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

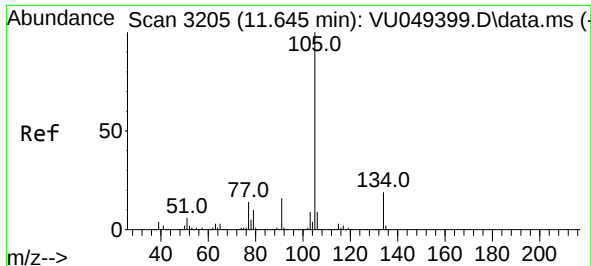
Tgt Ion:119 Resp: 50103
Ion Ratio Lower Upper
119 100
91 66.6 26.8 80.3
134 23.8 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 162.201 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion:105 Resp: 2263939
Ion Ratio Lower Upper
105 100
120 43.0 23.4 70.3

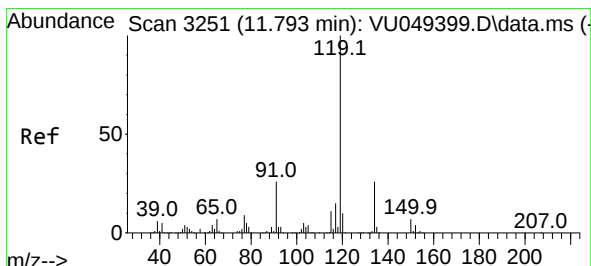
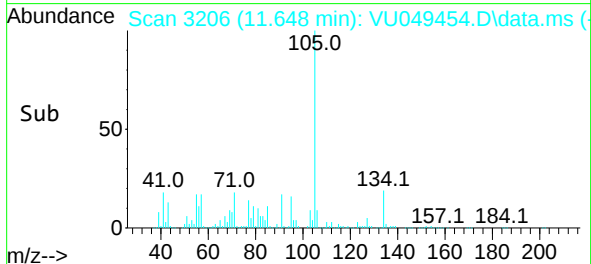
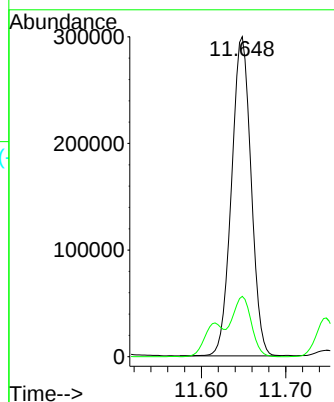
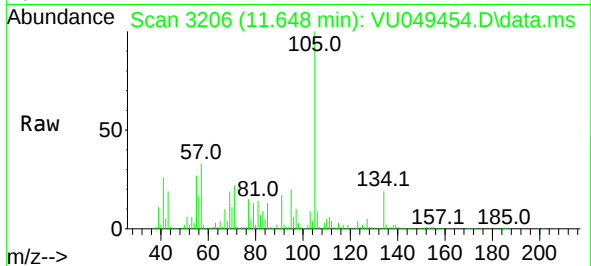




#85
 sec-Butylbenzene
 Concen: 27.426 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

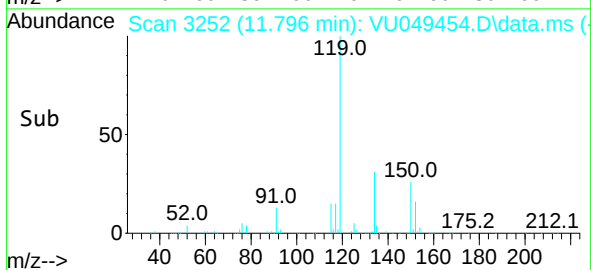
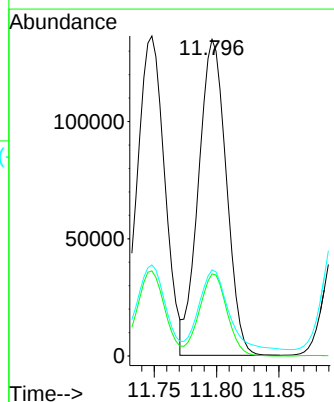
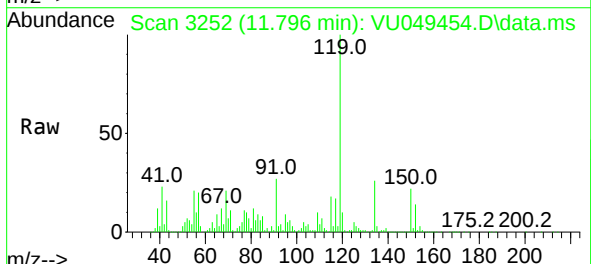
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14A-1A-1

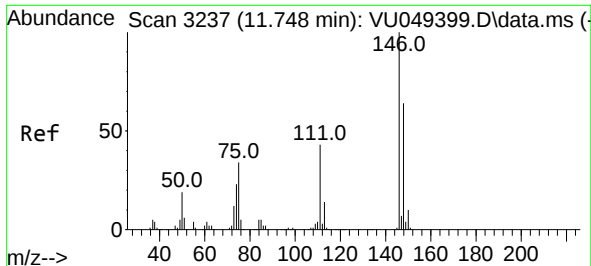
Tgt Ion:105 Resp: 481864
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 14.683 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

Tgt Ion:119 Resp: 208627
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 26.1 11.2 33.5

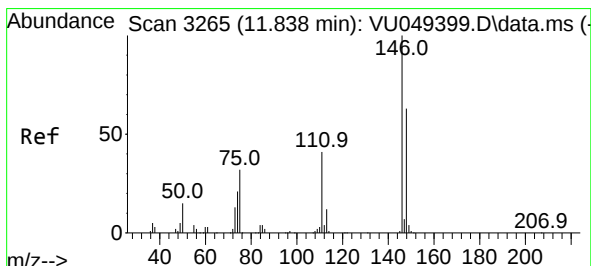
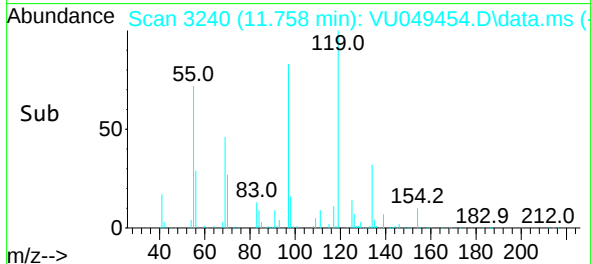
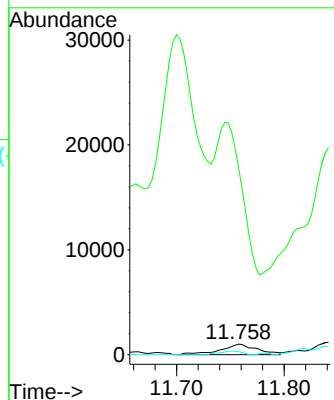
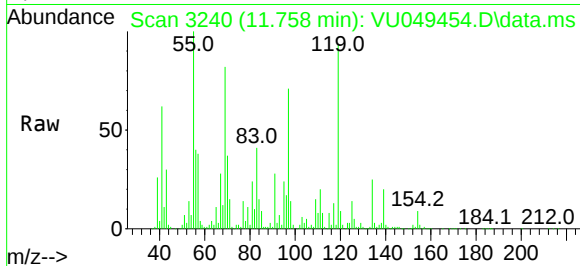




#87
1,3-Dichlorobenzene
Concen: 0.312 ug/l
RT: 11.758 min Scan# 31
Delta R.T. 0.010 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

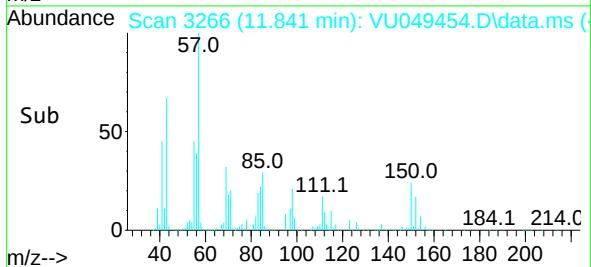
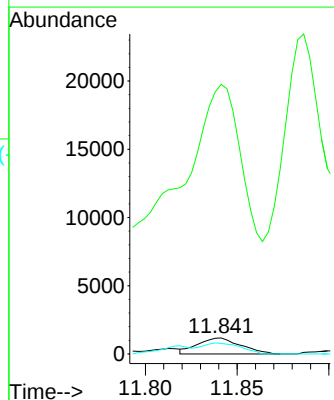
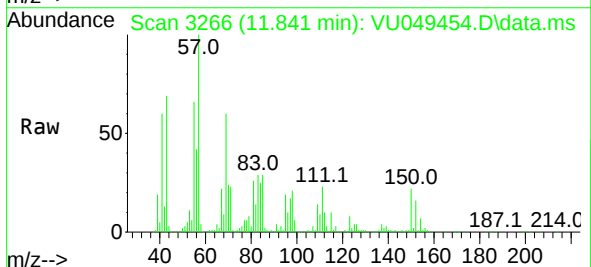
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

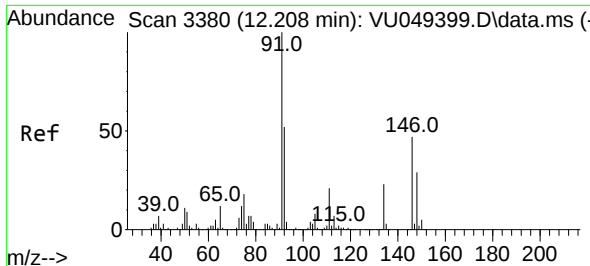
Tgt Ion:146 Resp: 2373
Ion Ratio Lower Upper
146 100
111 909.4 18.9 56.5#
148 20.3 31.9 95.9#



#88
1,4-Dichlorobenzene
Concen: 0.250 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion:146 Resp: 1910
Ion Ratio Lower Upper
146 100
111 1303.8 18.5 55.5#
148 62.4 31.9 95.7

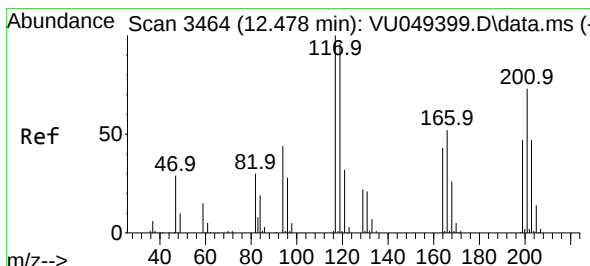
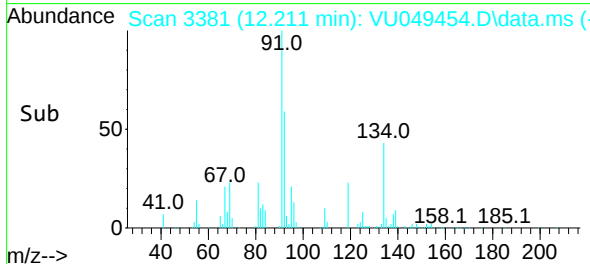
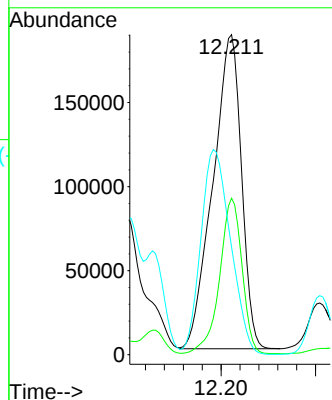
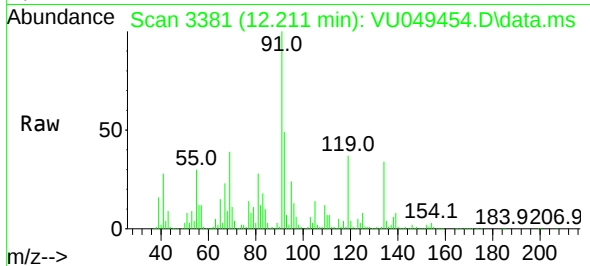




#89
n-Butylbenzene
Concen: 29.737 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

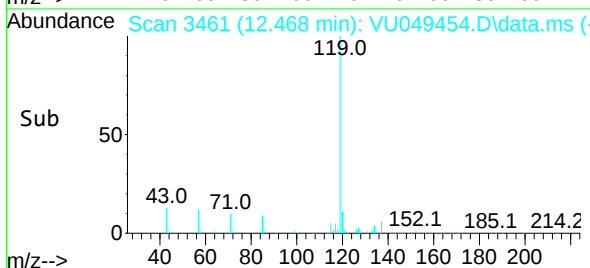
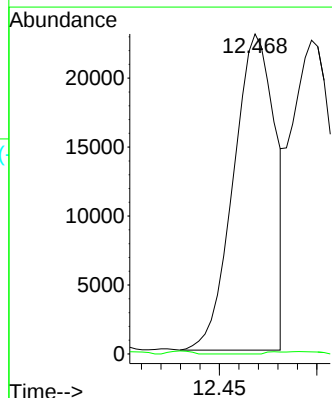
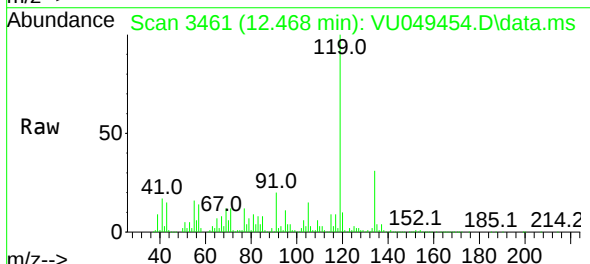
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

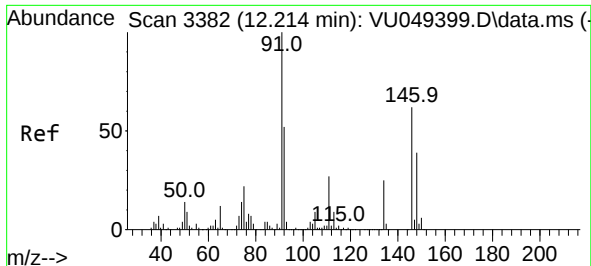
Tgt Ion: 91 Resp: 391128
Ion Ratio Lower Upper
91 100
92 38.9 26.2 78.6
134 68.0 13.5 40.4#



#90
Hexachloroethane
Concen: 11.990 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.010 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 117 Resp: 33932
Ion Ratio Lower Upper
117 100
201 0.3 44.6 134.0#





#91

1,2-Dichlorobenzene

Concen: 0.867 ug/l

RT: 12.217 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

WC-14A-1A-1

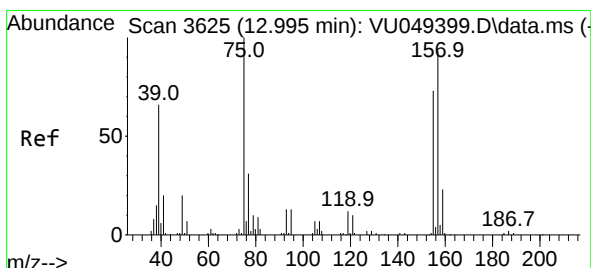
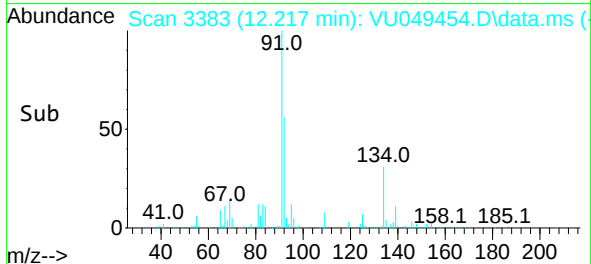
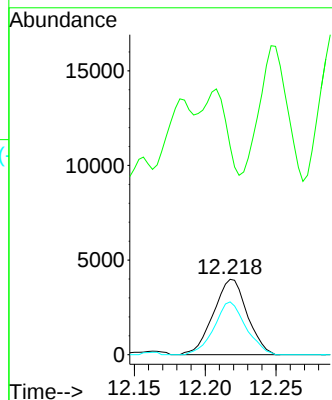
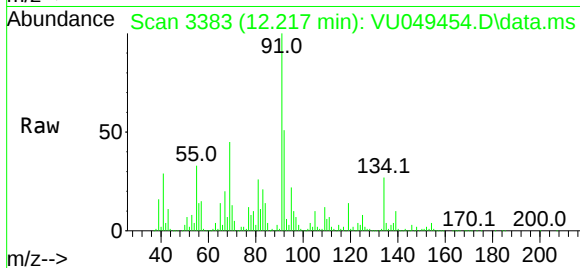
Tgt Ion:146 Resp: 6615

Ion Ratio Lower Upper

146 100

111 0.0 19.9 59.6#

148 65.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.463 ug/l

RT: 12.976 min Scan# 3619

Delta R.T. -0.019 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

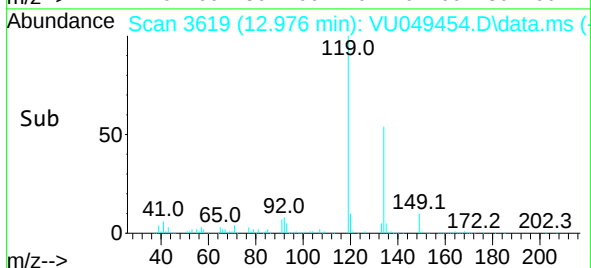
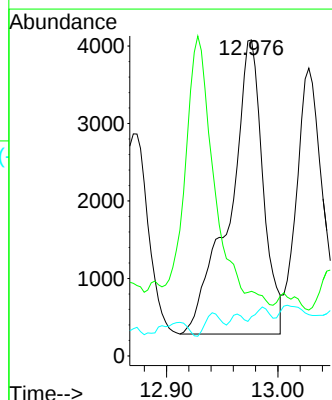
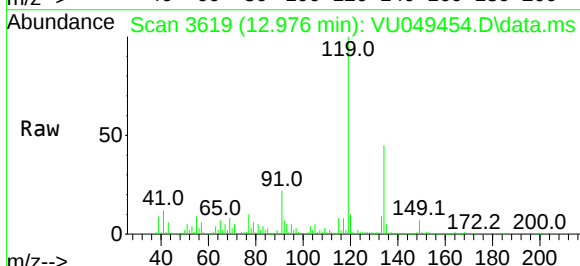
Tgt Ion: 75 Resp: 7889

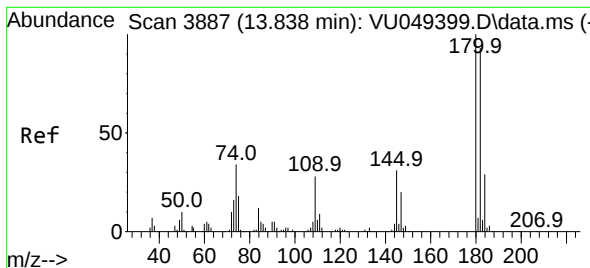
Ion Ratio Lower Upper

75 100

155 0.0 47.8 143.4#

157 1.9 62.2 186.5#





#93

1,2,4-Trichlorobenzene

Concen: 1.919 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU049454.D

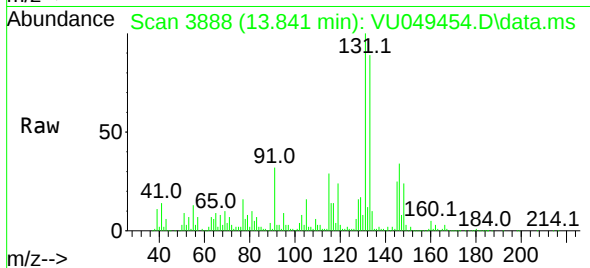
Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

WC-14A-1A-1



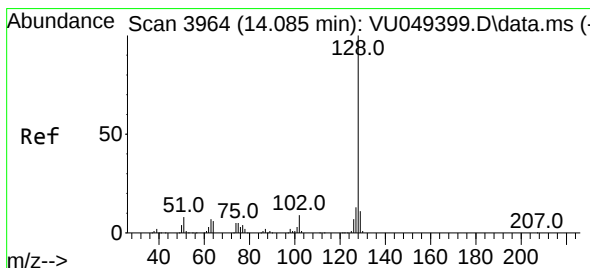
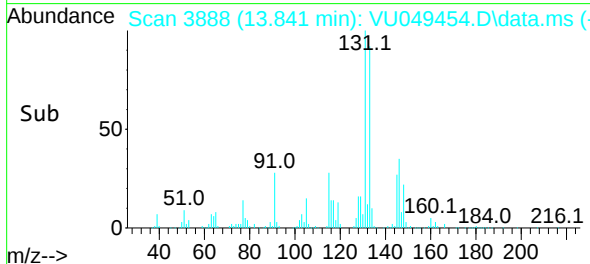
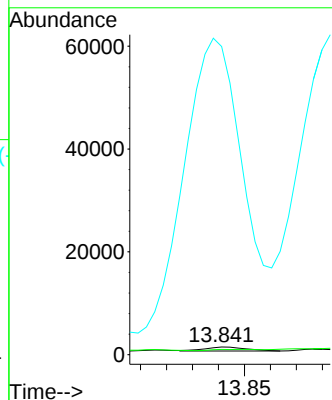
Tgt Ion:180 Resp: 876

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.6#

145 10289.3 14.0 41.9#



#95

Naphthalene

Concen: 34.262 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

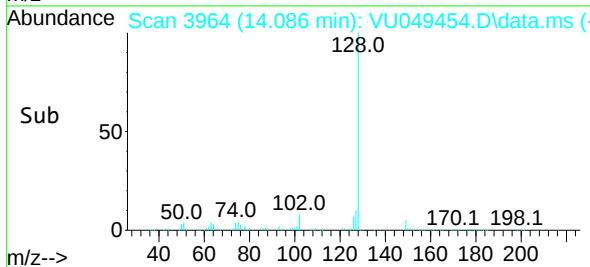
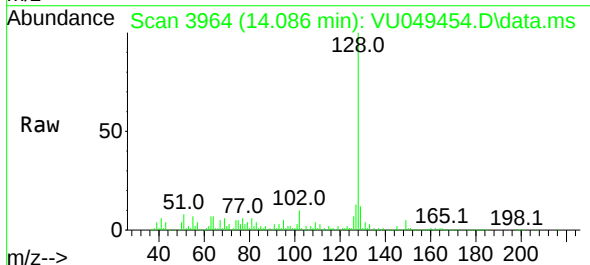
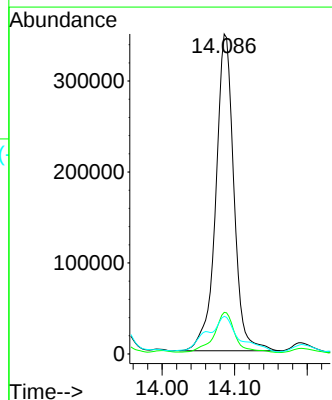
Tgt Ion:128 Resp: 602672

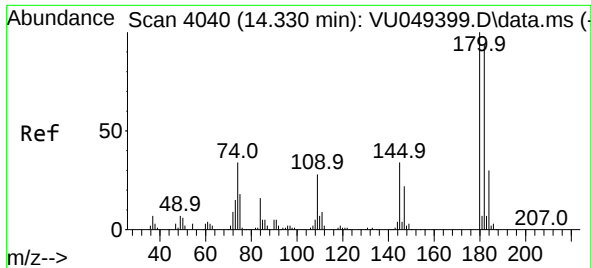
Ion Ratio Lower Upper

128 100

127 14.9 10.3 15.5

129 13.7 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.851 ug/l

RT: 14.349 min Scan# 4046

Delta R.T. 0.019 min

Lab File: VU049454.D

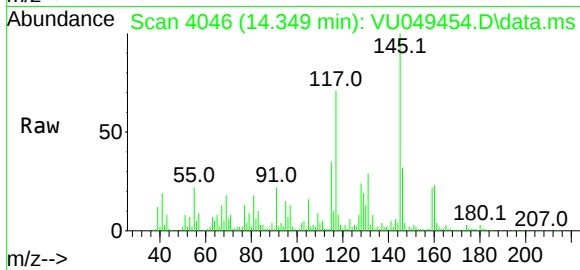
Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

WC-14A-1A-1



Tgt Ion:180 Resp: 3631

Ion Ratio Lower Upper

180 100

182 13.6 48.4 145.0#

145 5149.0 14.8 44.4#

