

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049566.D
 Acq On : 30 Jun 2022 16:20
 Operator : SY/MD
 Sample : N3543-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-24R

Quant Time: Jul 01 05:26:02 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	5.372	168	240498	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	419823	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	384576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	179227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	168202	45.413	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.820%
35) Dibromofluoromethane	5.289	113	134081	45.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.300%
50) Toluene-d8	7.896	98	514860	49.146	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	10.632	95	186733	46.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.060%

Target Compounds			Qvalue			
3) Chloromethane	1.520	50	2142	Below Cal		92
6) Chloroethane	1.925	64	48	1.941	ug/l #	44
11) Tert butyl alcohol	3.186	59	53946	62.228	ug/l #	37
13) Acrolein	2.462	56	12164	20.719	ug/l #	1
14) Allyl chloride	3.038	41	148553	28.140	ug/l #	62
15) Acrylonitrile	3.356	53	17271	8.284	ug/l #	38
16) Acetone	2.594	43	95919	51.354	ug/l #	49
18) Methyl Acetate	3.041	43	375167	74.199	ug/l #	47
19) Methyl tert-butyl Ether	3.366	73	70837	7.291	ug/l #	1
20) Methylene Chloride	2.983	84	2984	0.220	ug/l #	18
22) Diisopropyl ether	3.993	45	14446	1.433	ug/l #	66
23) Vinyl Acetate	3.980	43	14224	1.610	ug/l #	69
24) 1,1-Dichloroethane	3.973	63	2271	0.392	ug/l #	82
25) 2-Butanone	4.710	43	6166	2.203	ug/l	93
28) Bromochloromethane	5.176	49	842	0.333	ug/l #	4
29) Tetrahydrofuran	5.076	42	513	0.267	ug/l #	26
30) Chloroform	5.125	83	11977	2.091	ug/l	86
31) Cyclohexane	5.388	56	583740	104.963	ug/l	89
36) 1,1-Dichloropropene	5.372	75	19869	4.665	ug/l #	49
37) Ethyl Acetate	4.710	43	6166	1.060	ug/l #	71
38) Carbon Tetrachloride	5.372	117	24678	5.525	ug/l #	15
39) Methylcyclohexane	6.761	83	248328	48.645	ug/l	90
40) Benzene	5.774	78	2690104	209.214	ug/l	100
41) Methacrylonitrile	4.989	41	5428	1.861	ug/l #	35
42) 1,2-Dichloroethane	5.774	62	24592	5.139	ug/l	96
43) Isopropyl Acetate	5.899	43	53555	6.280	ug/l #	58
44) Trichloroethene	6.539	130	662	0.217	ug/l	96
45) 1,2-Dichloropropane	6.768	63	3069	0.861	ug/l #	1
48) Methyl methacrylate	6.980	41	14684	3.674	ug/l #	52
51) 4-Methyl-2-Pentanone	7.787	43	2381	0.417	ug/l #	66
52) Toluene	7.970	92	40050	5.241	ug/l	97
55) 1,1,2-Trichloroethane	8.369	97	18485	5.850	ug/l #	19
56) Ethyl methacrylate	8.369	69	6145	1.163	ug/l #	25
58) 2-Chloroethyl Vinyl ether	7.459	63	160	13.019	ug/l #	46
59) 2-Hexanone	8.822	43	9532	2.124	ug/l	61
67) Ethyl Benzene	9.568	91	269015	18.638	ug/l	96

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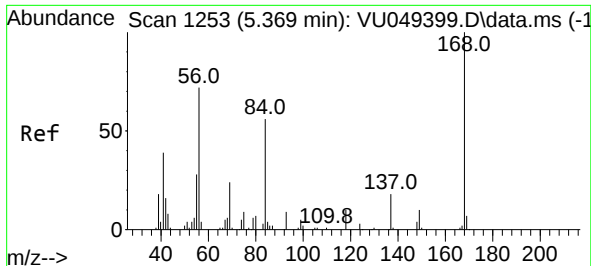
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-24R

Quant Time: Jul 01 05:26:02 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)

68) m/p-Xylenes	9.697	106	96771	18.120	ug/l	92
69) o-Xylene	10.102	106	10681	2.015	ug/l	93
73) Isopropylbenzene	10.484	105	117017	9.165	ug/l	95
74) N-amyl acetate	10.337	43	1375	0.203	ug/l #	63
76) 1,2,3-Trichloropropane	10.632	75	94741	15.594	ug/l #	46
78) n-propylbenzene	10.906	91	170001	10.958	ug/l	96
79) 2-Chlorotoluene	10.906	91	170001	17.786	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.089	105	6047	0.543	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.632	75	94741	57.585	ug/l #	15
82) 4-Chlorotoluene	11.291	91	23216	2.160	ug/l #	43
83) tert-Butylbenzene	11.420	119	3359	0.306	ug/l #	69
84) 1,2,4-Trimethylbenzene	11.468	105	31482	2.875	ug/l	97
85) sec-Butylbenzene	11.645	105	8062	0.585	ug/l	89
89) n-Butylbenzene	12.211	91	6809	0.660	ug/l #	59
90) Hexachloroethane	12.613	117	26949	12.138	ug/l #	5
92) 1,2-Dibromo-3-Chloropr...	12.967	75	375	0.270	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.841	180	167	1.794	ug/l #	1
95) Naphthalene	14.086	128	346807	25.594	ug/l	99
96) 1,2,3-Trichlorobenzene	14.324	180	77	1.195	ug/l #	83

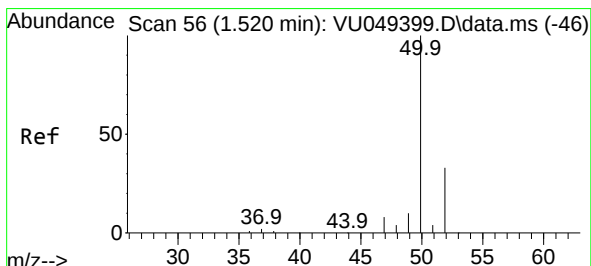
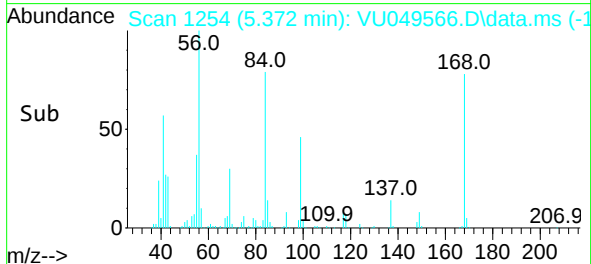
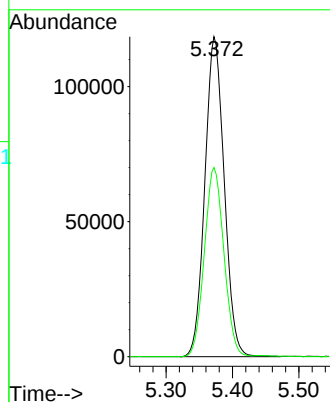
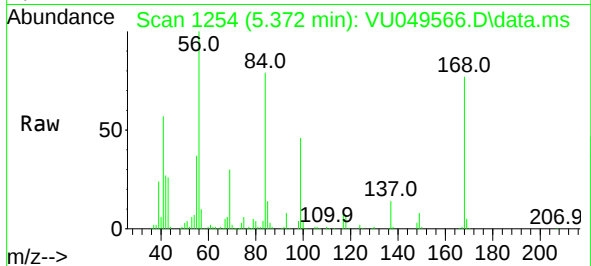
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

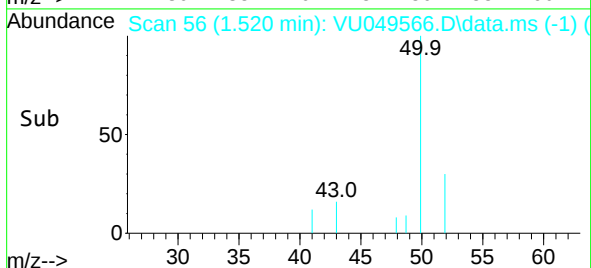
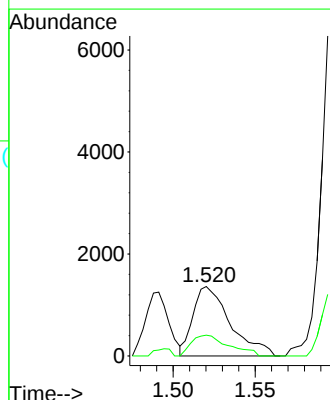
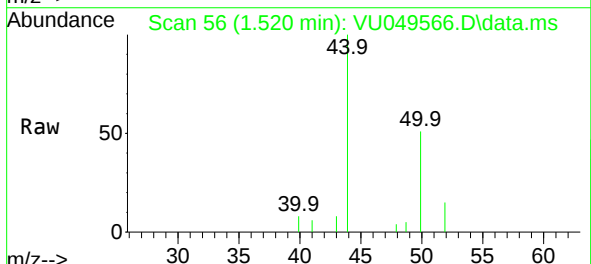
Instrument :
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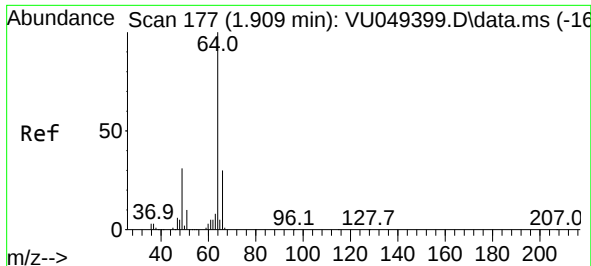
Tgt Ion:168 Resp: 240498
Ion Ratio Lower Upper
168 100
99 59.1 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 50 Resp: 2142
Ion Ratio Lower Upper
50 100
52 29.9 27.4 41.2

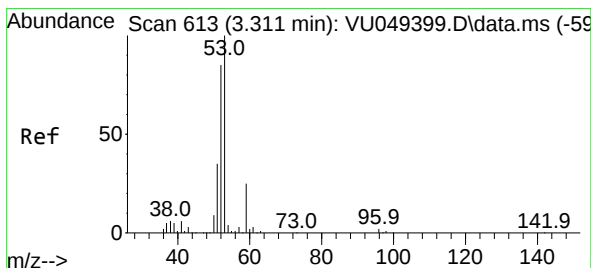
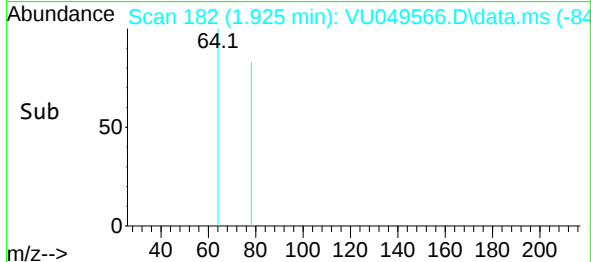
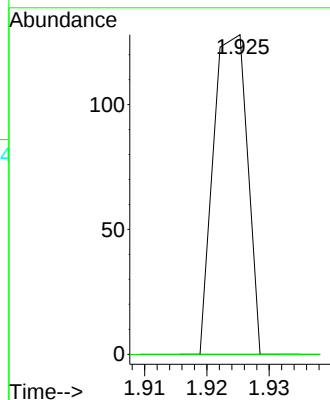
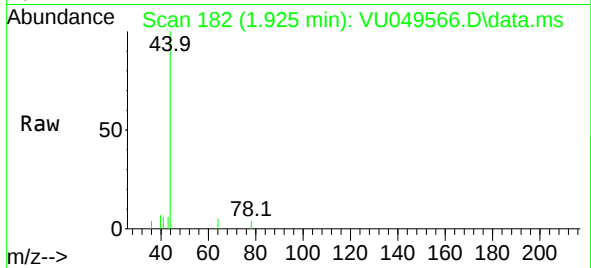




#6
Chloroethane
Concen: 1.941 ug/l
RT: 1.925 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

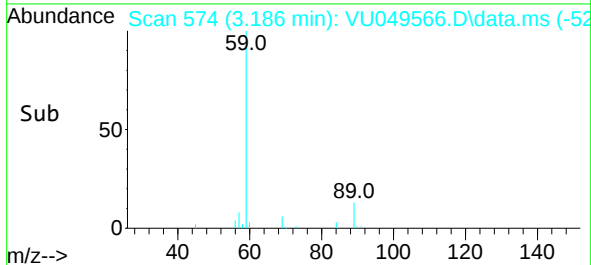
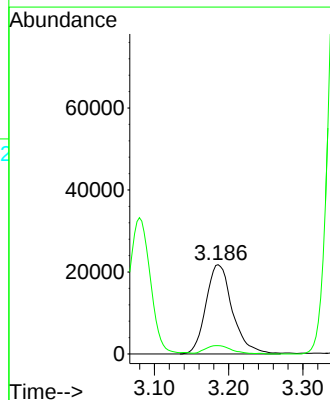
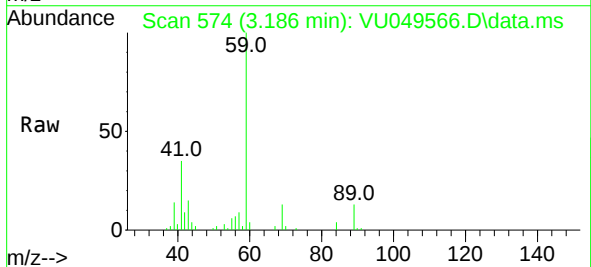
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

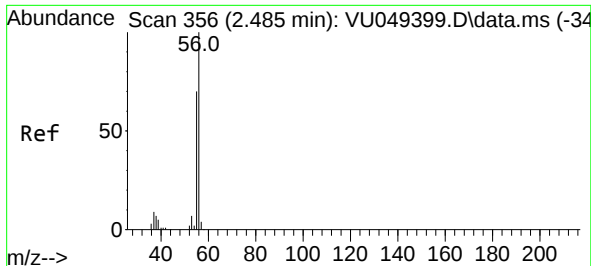
Tgt Ion: 64 Resp: 48
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 62.228 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.125 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 59 Resp: 53946
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#





#13

Acrolein

Concen: 20.719 ug/l

RT: 2.462 min Scan# 34

Delta R.T. -0.022 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

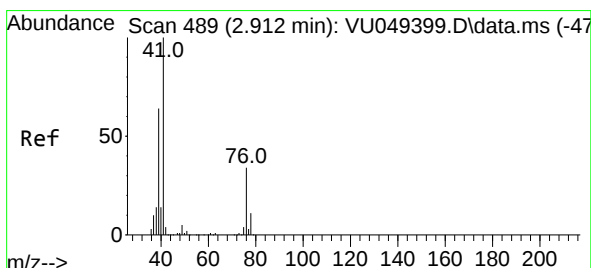
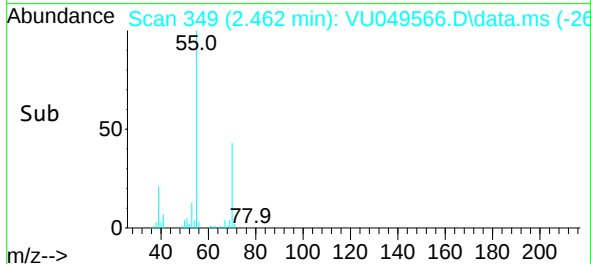
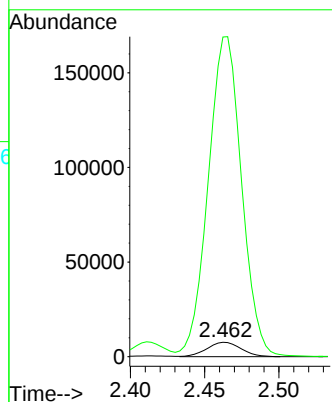
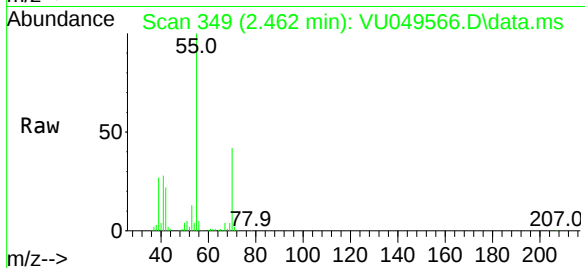
MW-24R

Tgt Ion: 56 Resp: 12164

Ion Ratio Lower Upper

56 100

55 2178.1 56.6 85.0#



#14

Allyl chloride

Concen: 28.140 ug/l

RT: 3.038 min Scan# 528

Delta R.T. 0.126 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

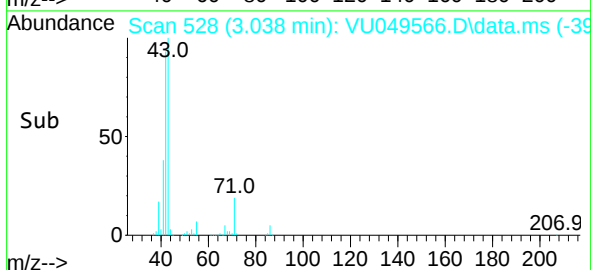
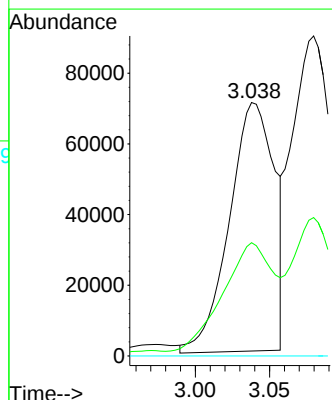
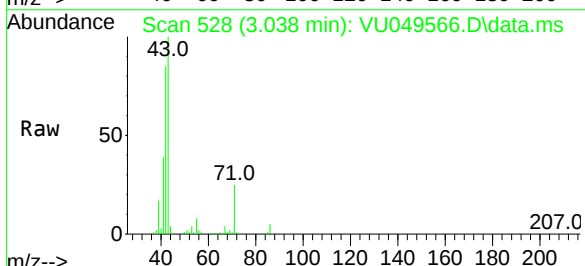
Tgt Ion: 41 Resp: 148553

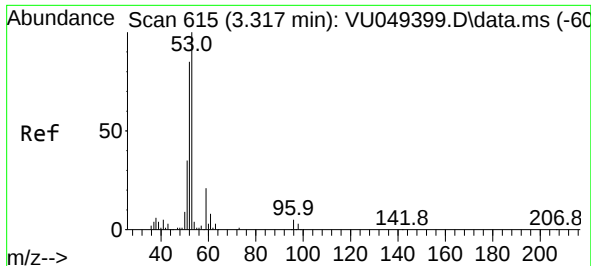
Ion Ratio Lower Upper

41 100

39 51.3 53.4 80.2#

76 0.0 33.8 50.6#

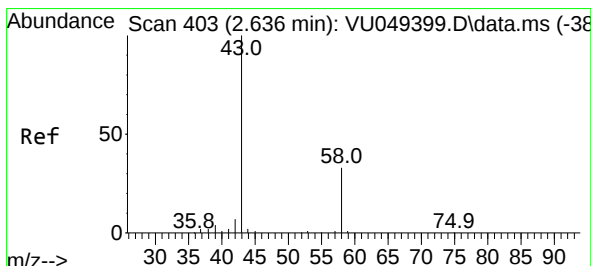
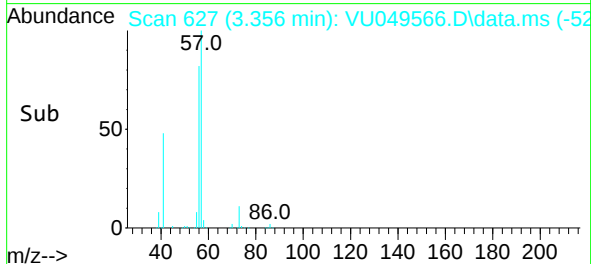
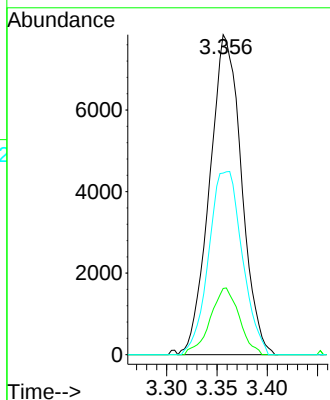
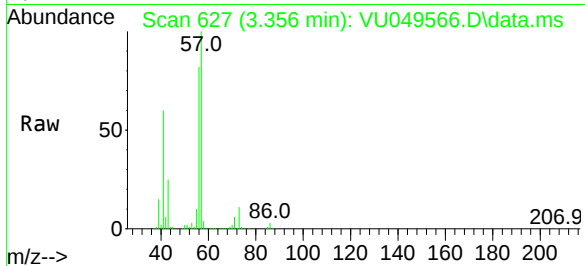




#15
Acrylonitrile
Concen: 8.284 ug/l
RT: 3.356 min Scan# 615
Delta R.T. 0.039 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

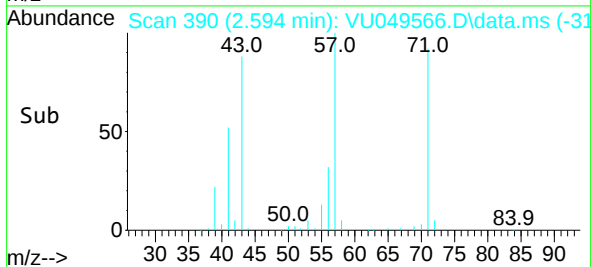
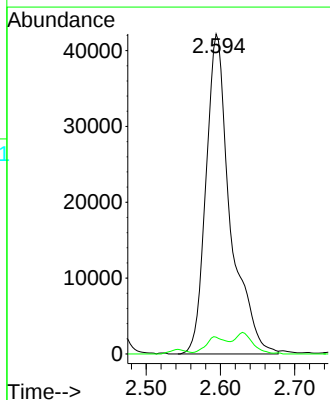
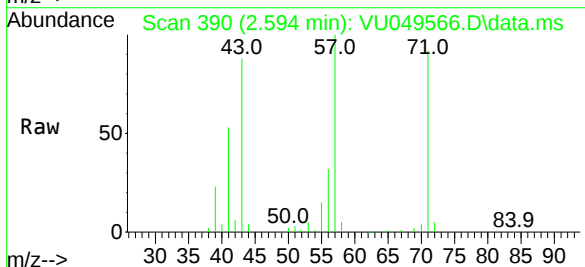
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

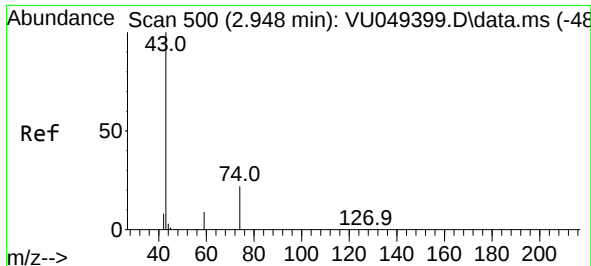
Tgt Ion: 53 Resp: 17271
Ion Ratio Lower Upper
53 100
52 19.0 65.7 98.5#
51 60.4 28.2 42.4#



#16
Acetone
Concen: 51.354 ug/l
RT: 2.594 min Scan# 390
Delta R.T. -0.042 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 43 Resp: 95919
Ion Ratio Lower Upper
43 100
58 4.9 27.5 41.3#

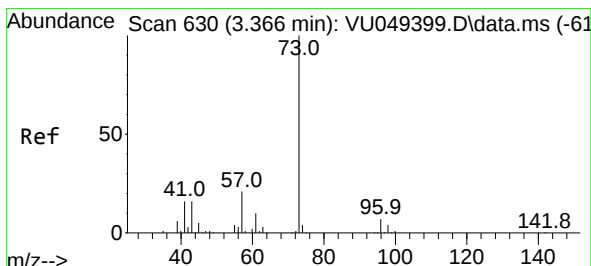
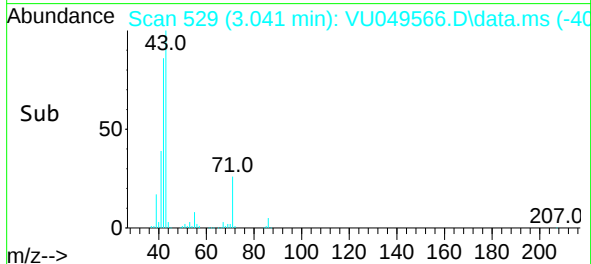
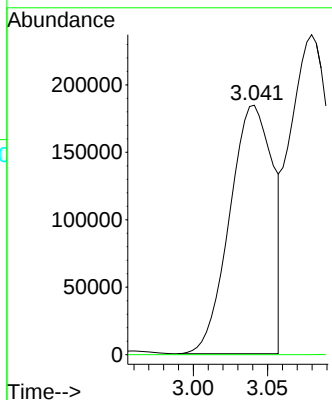
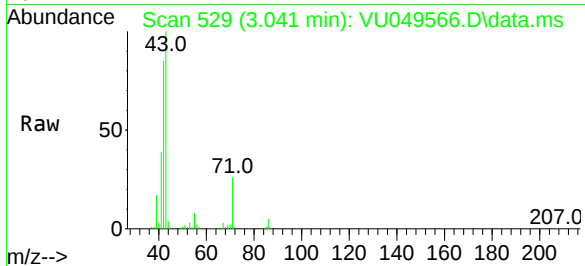




#18
Methyl Acetate
Concen: 74.199 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.093 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

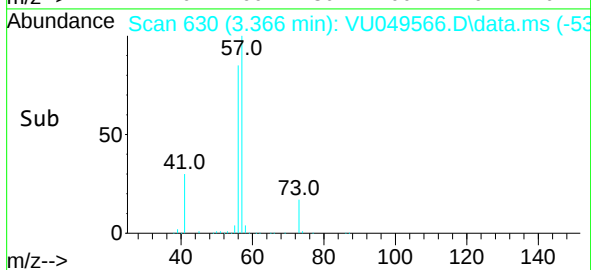
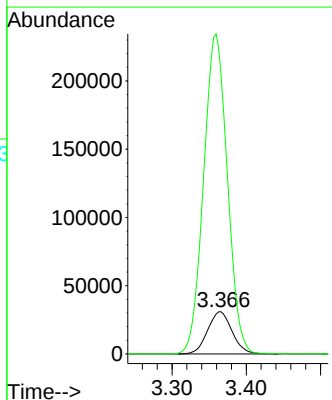
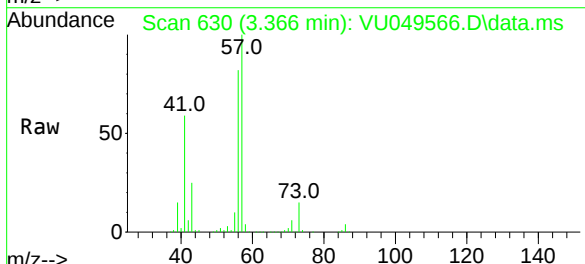
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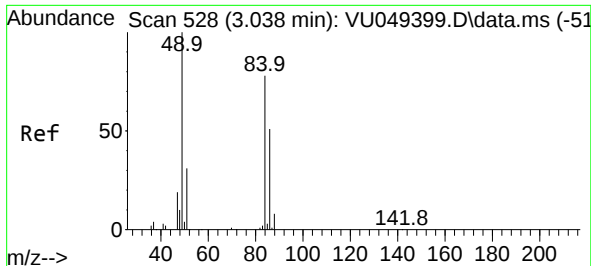
Tgt Ion: 43 Resp: 375167
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#



#19
Methyl tert-butyl Ether
Concen: 7.291 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 73 Resp: 70837
Ion Ratio Lower Upper
73 100
57 664.6 17.1 25.7#

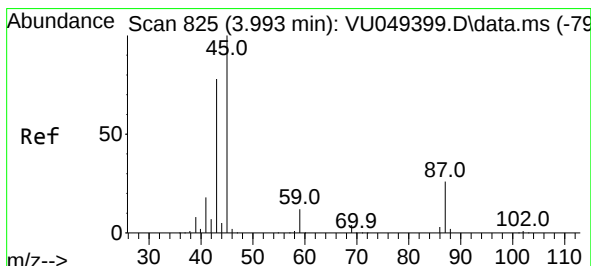
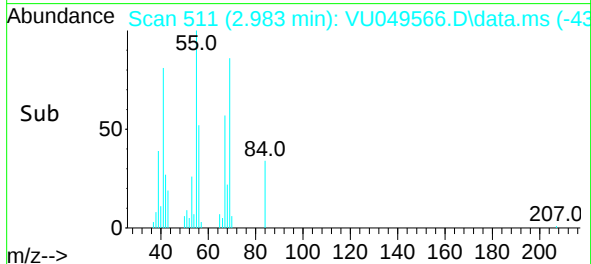
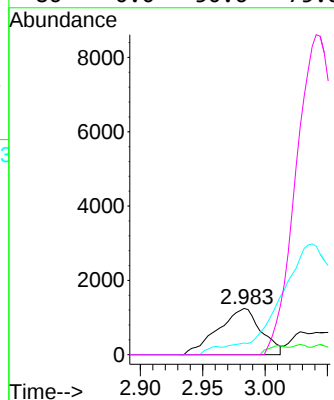
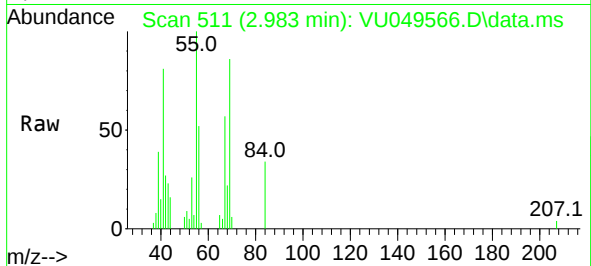




#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.983 min Scan# 511
Delta R.T. -0.055 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

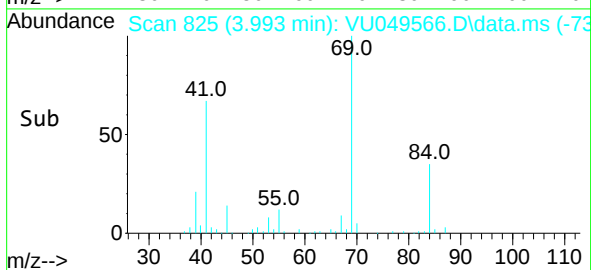
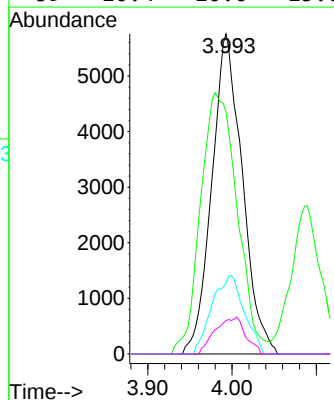
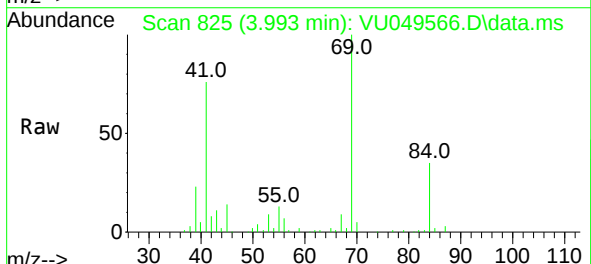
Instrument :
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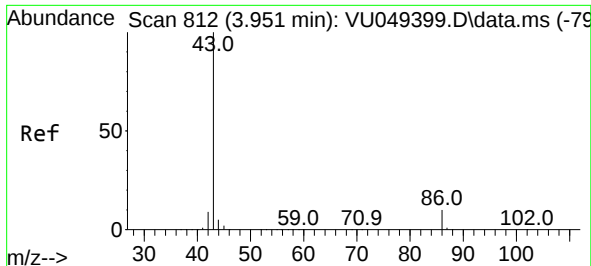
Tgt Ion: 84	Resp:	2984
Ion	Ratio	Lower Upper
84	100	
49	0.0	86.6 129.8#
51	25.2	26.6 40.0#
86	0.0	50.6 75.8#



#22
Diisopropyl ether
Concen: 1.433 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 45	Resp:	14446
Ion	Ratio	Lower Upper
45	100	
43	71.5	92.9 139.3#
87	22.4	26.2 39.2#
59	10.4	10.0 15.0

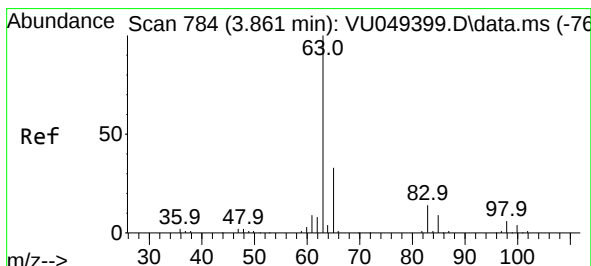
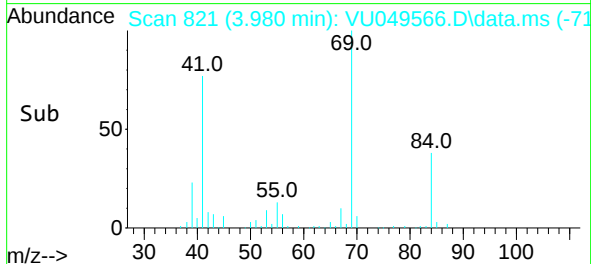
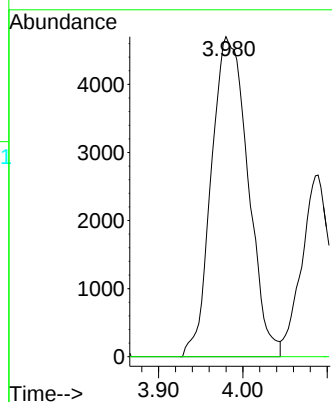
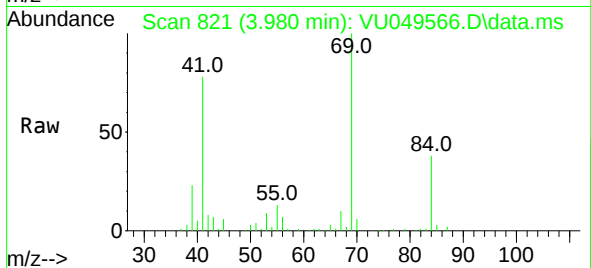




#23
 Vinyl Acetate
 Concen: 1.610 ug/l
 RT: 3.980 min Scan# 812
 Delta R.T. 0.029 min
 Lab File: VU049566.D
 Acq: 30 Jun 2022 16:20

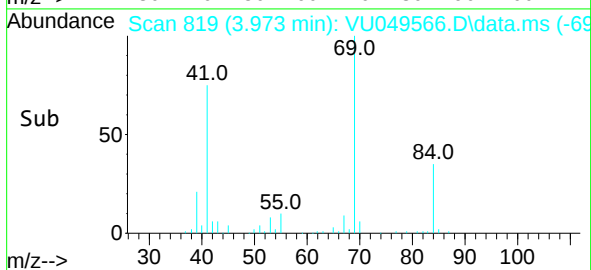
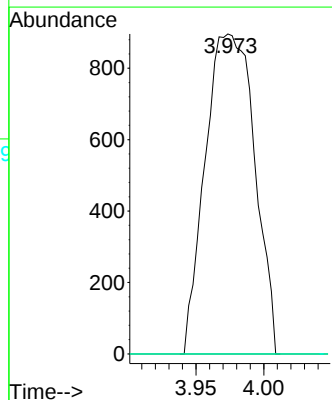
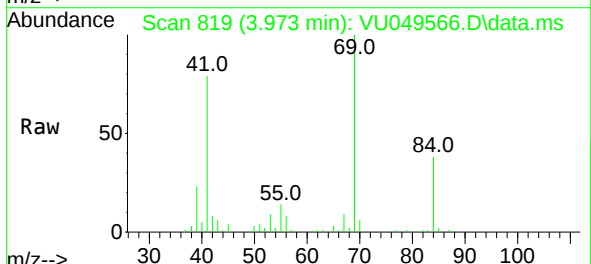
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-24R

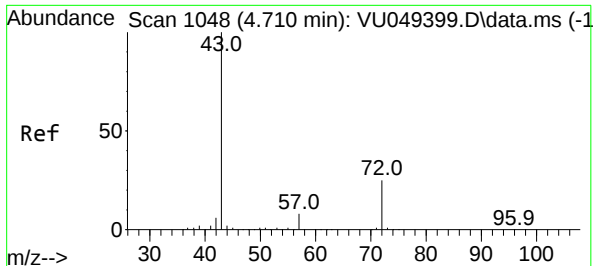
Tgt Ion: 43 Resp: 14224
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.8#



#24
 1,1-Dichloroethane
 Concen: 0.392 ug/l
 RT: 3.973 min Scan# 819
 Delta R.T. 0.113 min
 Lab File: VU049566.D
 Acq: 30 Jun 2022 16:20

Tgt Ion: 63 Resp: 2271
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 2.203 ug/l

RT: 4.710 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

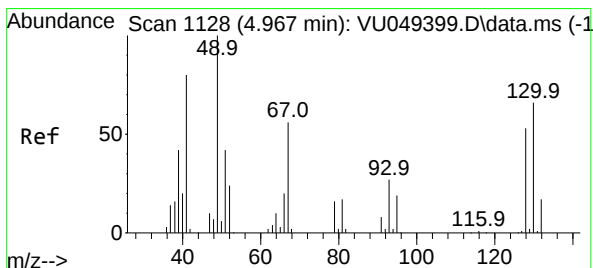
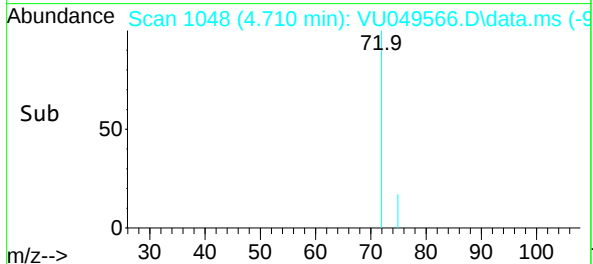
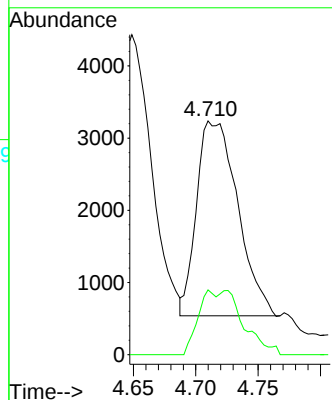
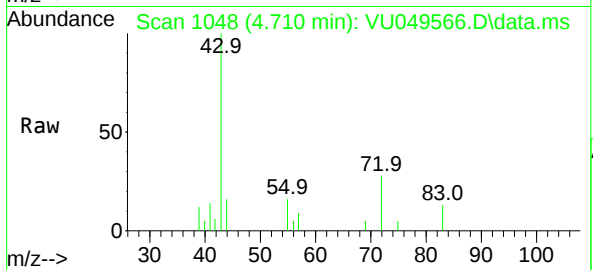
MW-24R

Tgt Ion: 43 Resp: 6166

Ion Ratio Lower Upper

43 100

72 33.2 23.8 35.6



#28

Bromochloromethane

Concen: 0.333 ug/l

RT: 5.176 min Scan# 1193

Delta R.T. 0.209 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

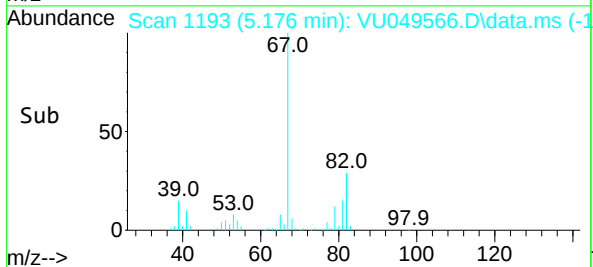
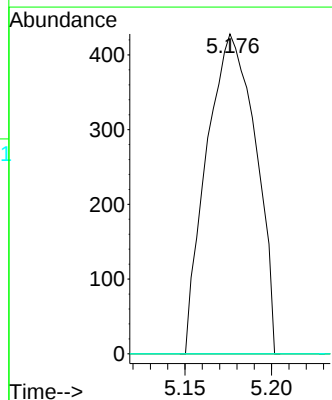
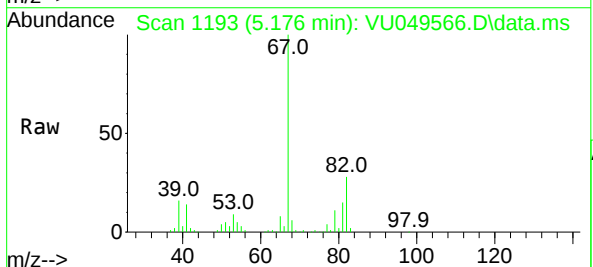
Tgt Ion: 49 Resp: 842

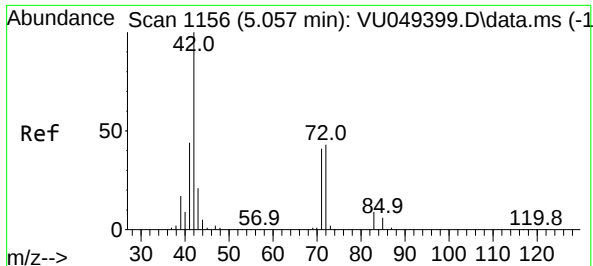
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 76.9 115.3#





#29

Tetrahydrofuran

Concen: 0.267 ug/l

RT: 5.076 min Scan# 1156

Delta R.T. 0.019 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MW-24R

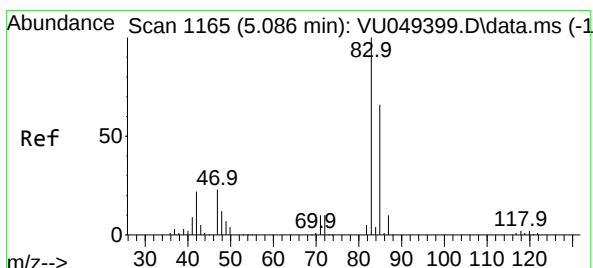
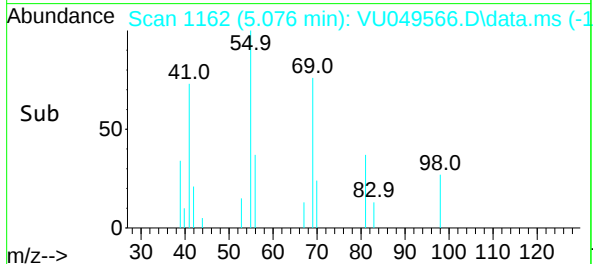
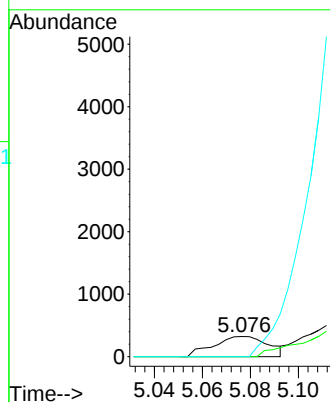
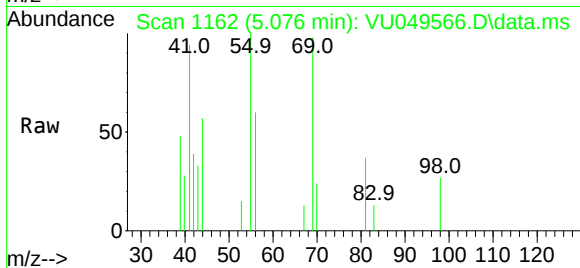
Tgt Ion: 42 Resp: 513

Ion Ratio Lower Upper

42 100

72 0.0 42.6 63.8#

71 0.0 40.3 60.5#



#30

Chloroform

Concen: 2.091 ug/l

RT: 5.125 min Scan# 1177

Delta R.T. 0.039 min

Lab File: VU049566.D

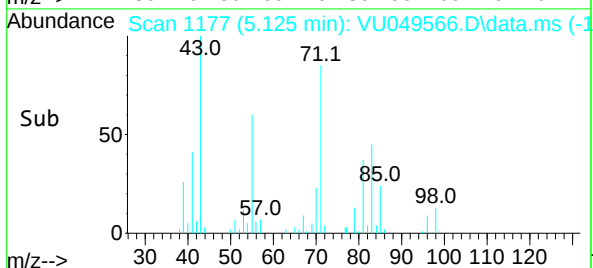
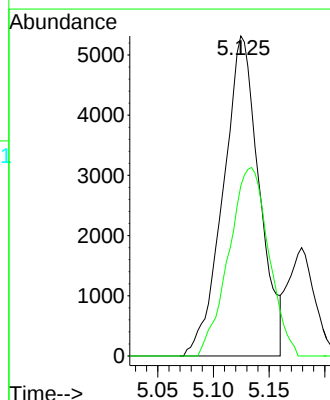
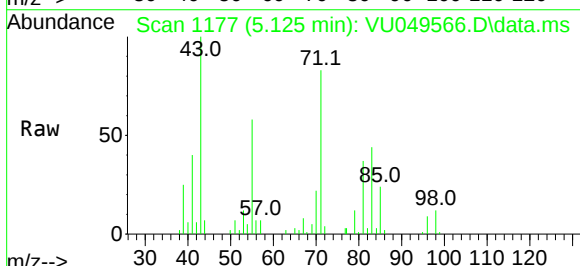
Acq: 30 Jun 2022 16:20

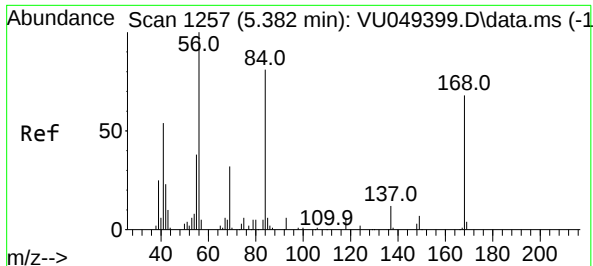
Tgt Ion: 83 Resp: 11977

Ion Ratio Lower Upper

83 100

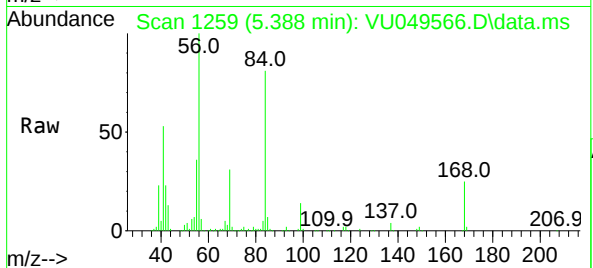
85 53.2 51.2 76.8



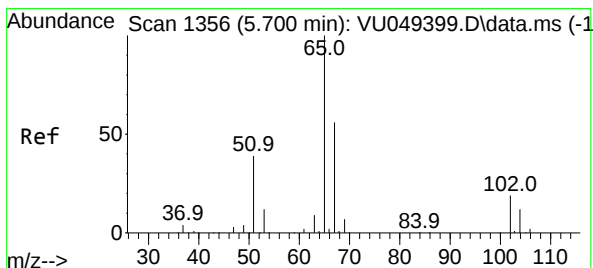
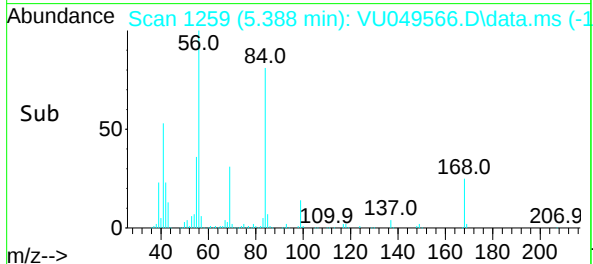
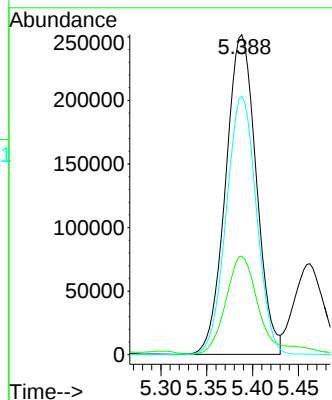


#31
Cyclohexane
Concen: 104.963 ug/l
RT: 5.388 min Scan# 1257
Delta R.T. 0.007 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MW-24R

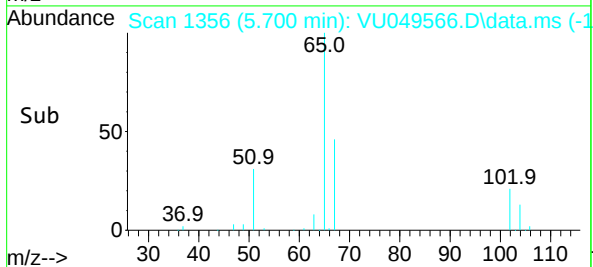
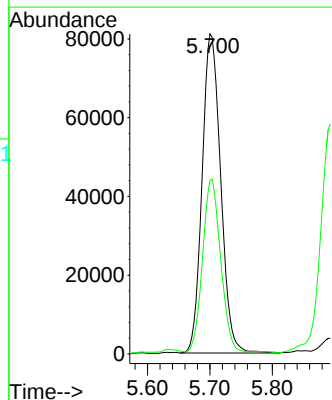
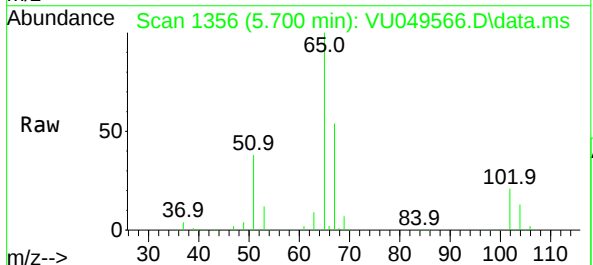


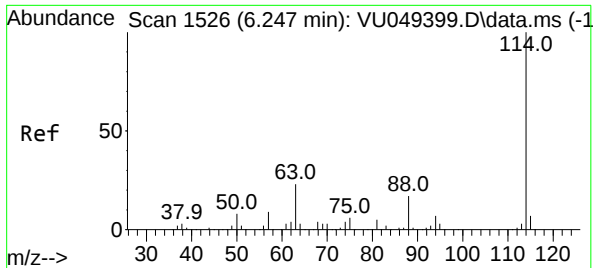
Tgt Ion: 56 Resp: 583740
Ion Ratio Lower Upper
56 100
69 30.4 27.8 41.8
84 80.9 74.2 111.4



#33
1,2-Dichloroethane-d4
Concen: 45.413 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 65 Resp: 168202
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MW-24R

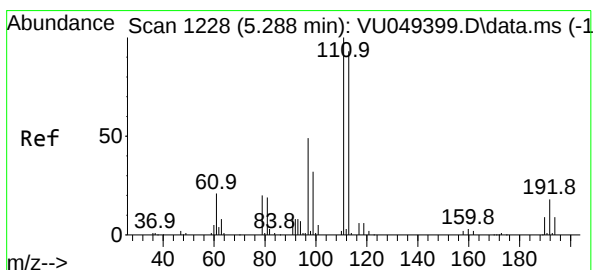
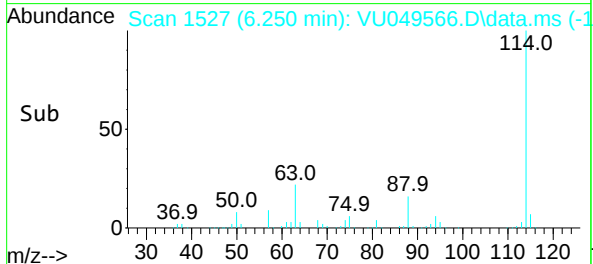
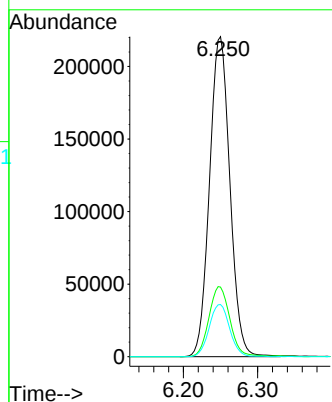
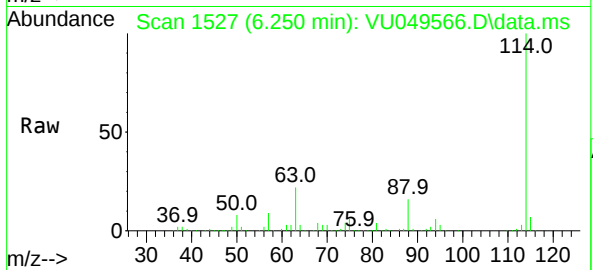
Tgt Ion:114 Resp: 419823

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.649 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

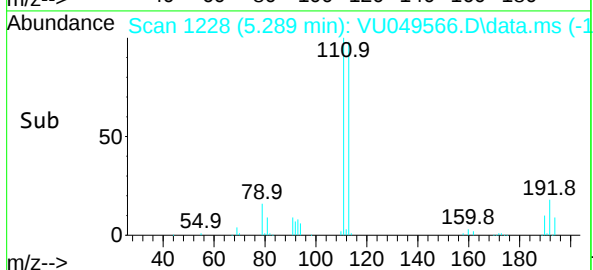
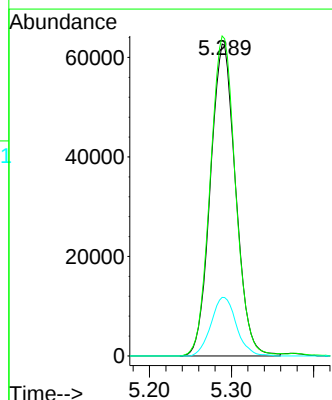
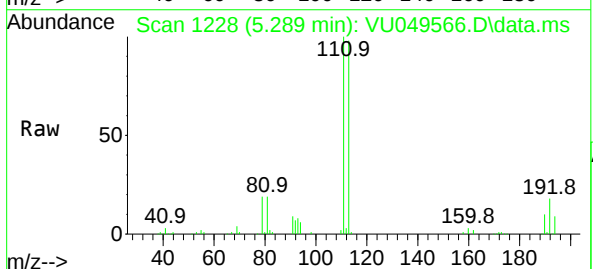
Tgt Ion:113 Resp: 134081

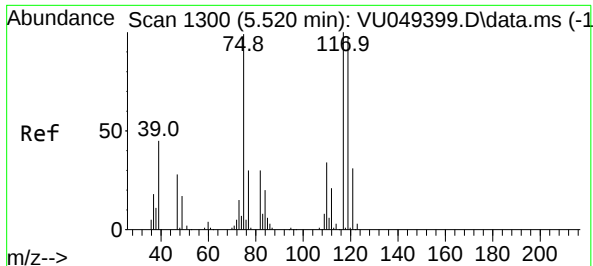
Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

192 18.9 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.665 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MW-24R

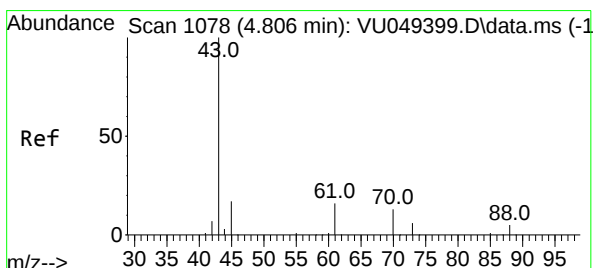
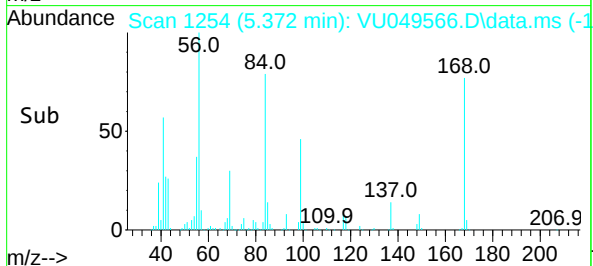
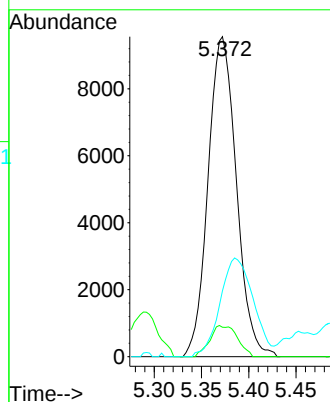
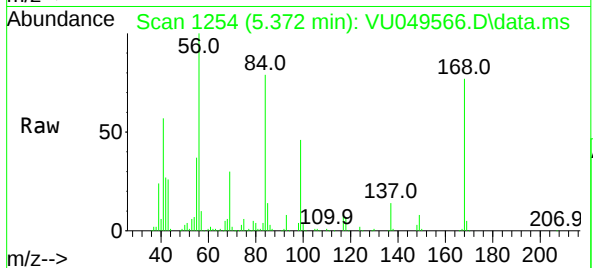
Tgt Ion: 75 Resp: 19869

Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.060 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.096 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

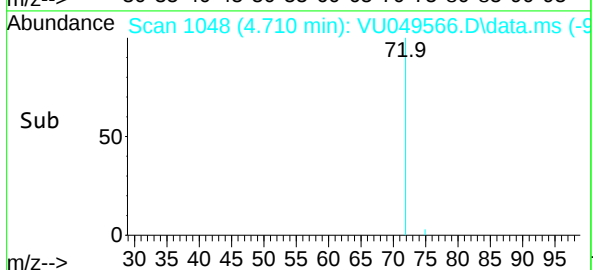
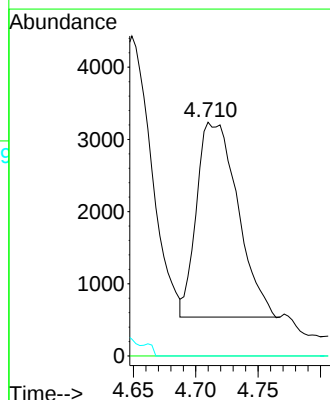
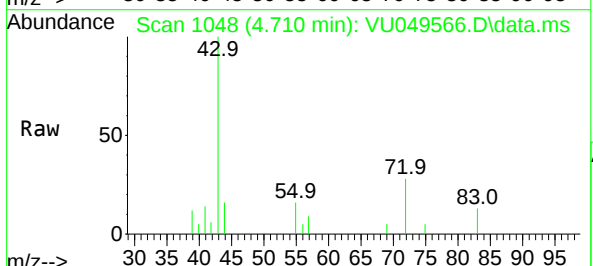
Tgt Ion: 43 Resp: 6166

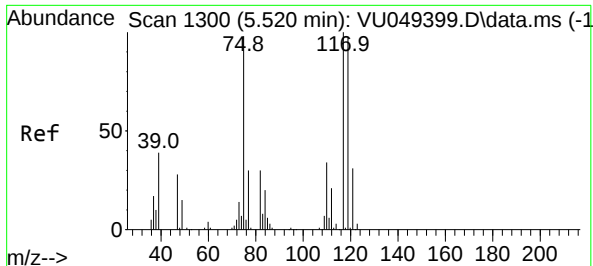
Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 0.0 7.5 11.3#

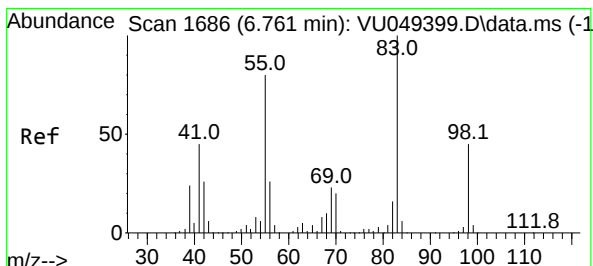
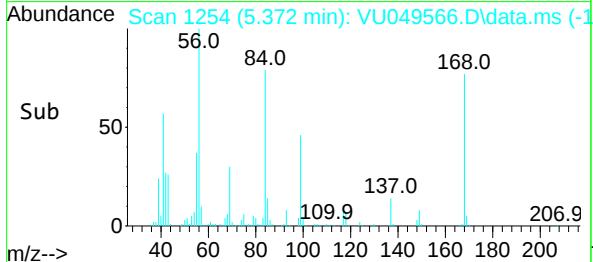
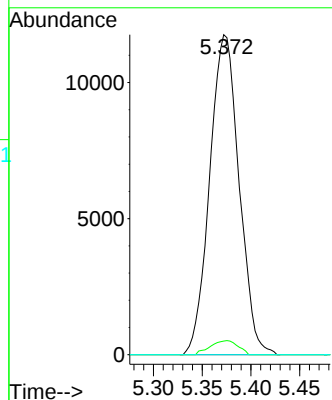
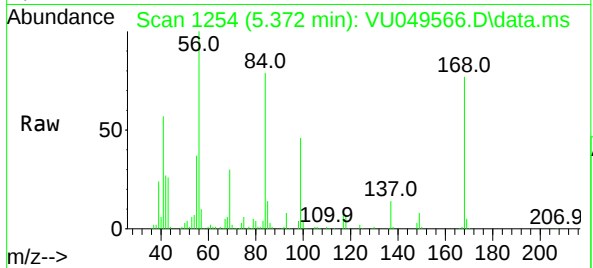




#38
Carbon Tetrachloride
Concen: 5.525 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

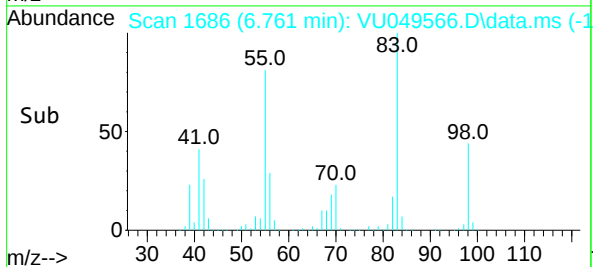
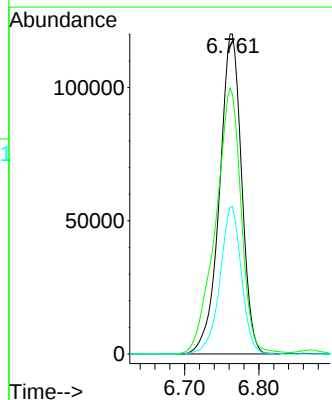
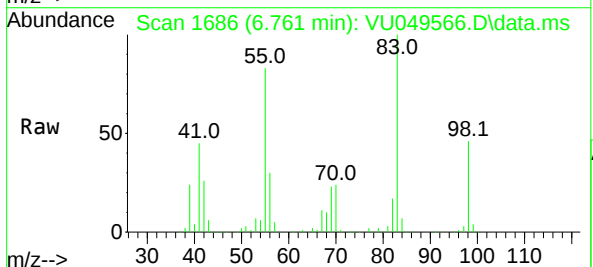
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

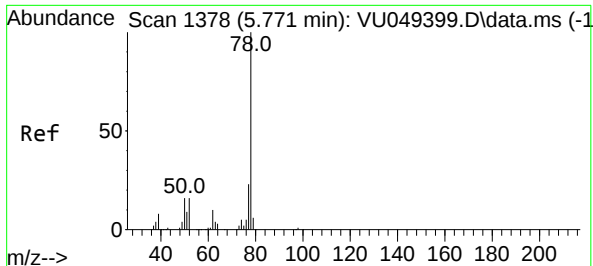
Tgt Ion:117 Resp: 24678
Ion Ratio Lower Upper
117 100
119 4.3 76.8 115.2#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 48.645 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 83 Resp: 248328
Ion Ratio Lower Upper
83 100
55 82.8 55.3 82.9
98 45.9 37.3 55.9

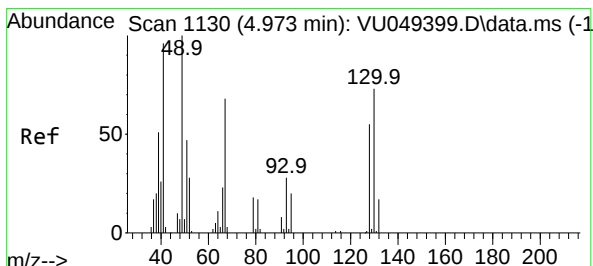
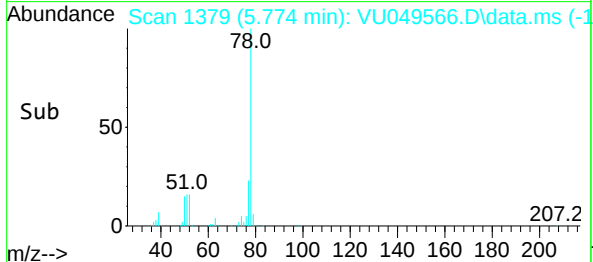
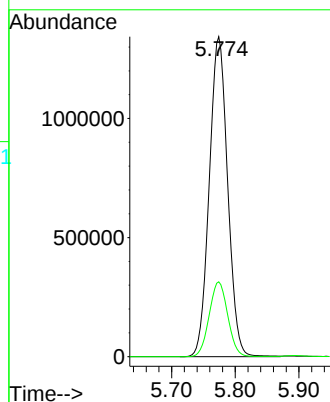
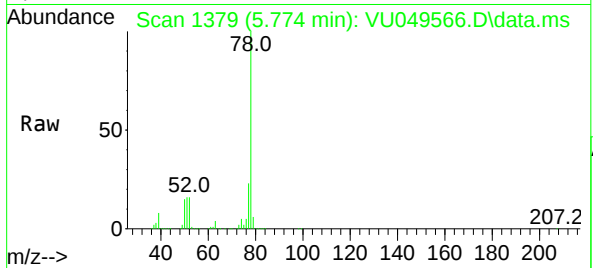




#40
Benzene
Concen: 209.214 ug/l
RT: 5.774 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

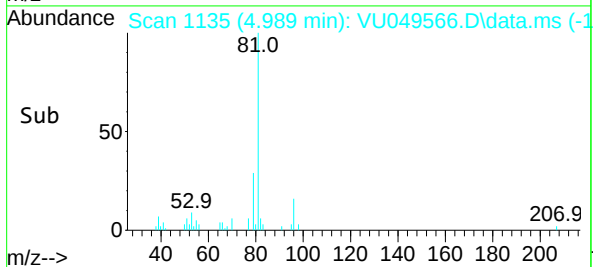
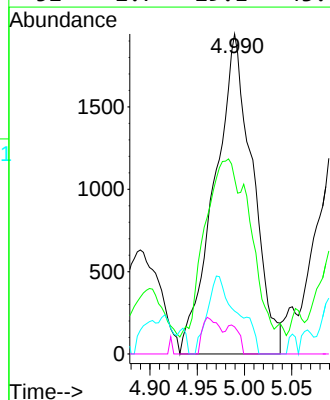
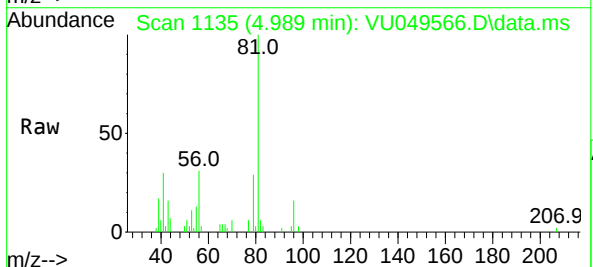
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

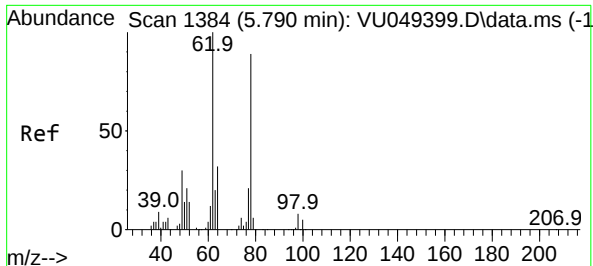
Tgt Ion: 78 Resp: 2690104
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



#41
Methacrylonitrile
Concen: 1.861 ug/l
RT: 4.989 min Scan# 1135
Delta R.T. 0.016 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 41 Resp: 5428
Ion Ratio Lower Upper
41 100
39 66.8 43.1 64.7#
67 0.0 72.3 108.5#
52 2.7 29.1 43.7#





#42

1,2-Dichloroethane

Concen: 5.139 ug/l

RT: 5.774 min Scan# 1418

Delta R.T. -0.016 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

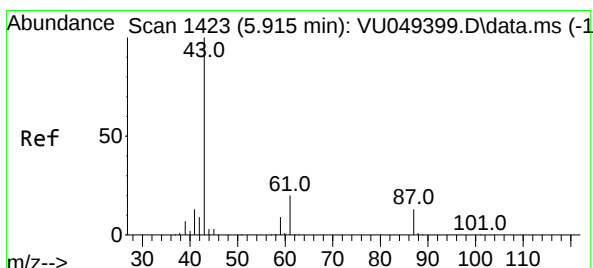
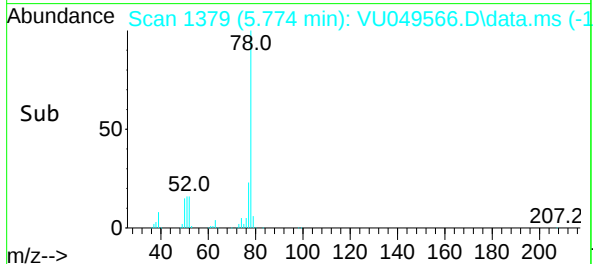
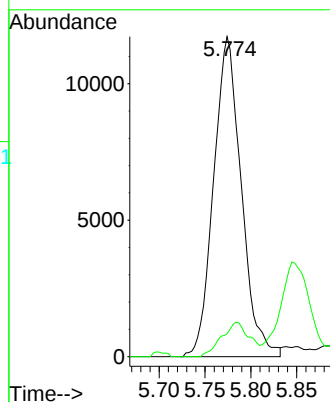
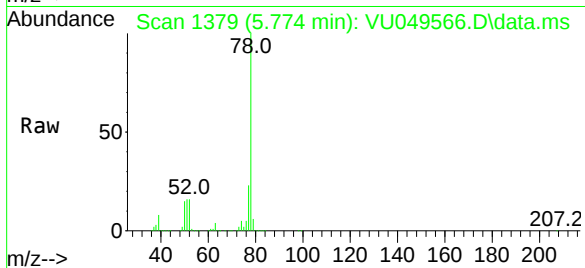
MW-24R

Tgt Ion: 62 Resp: 24592

Ion Ratio Lower Upper

62 100

98 10.8 0.0 18.6



#43

Isopropyl Acetate

Concen: 6.280 ug/l

RT: 5.899 min Scan# 1418

Delta R.T. -0.016 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

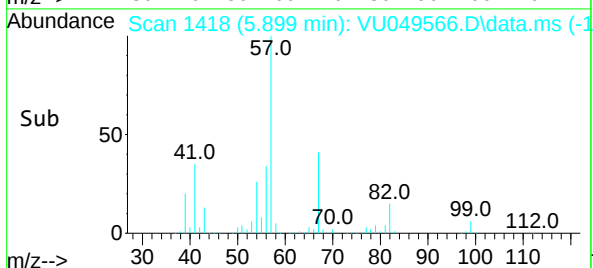
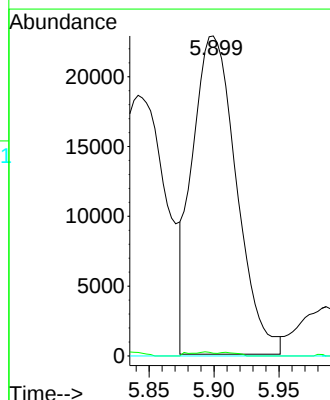
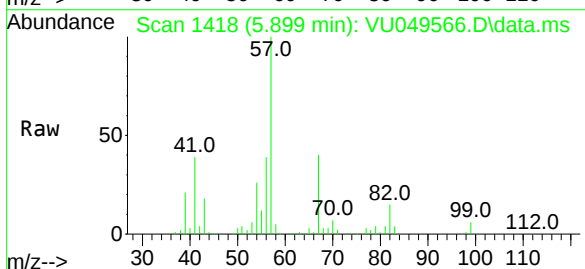
Tgt Ion: 43 Resp: 53555

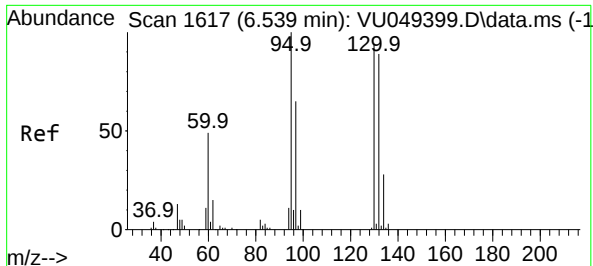
Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

87 0.0 12.6 18.8#

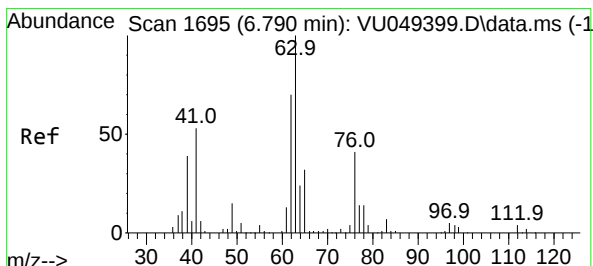
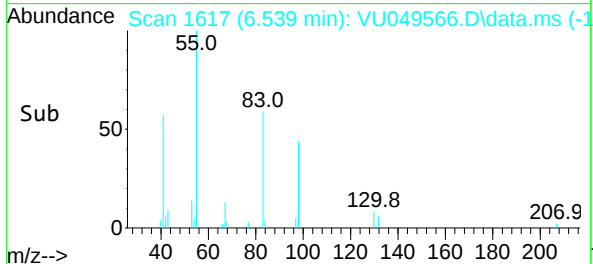
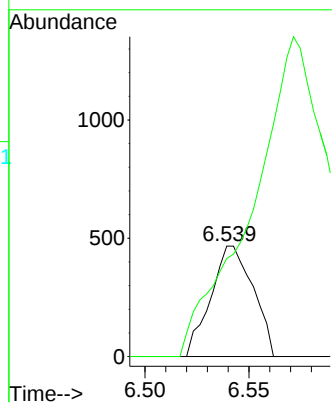
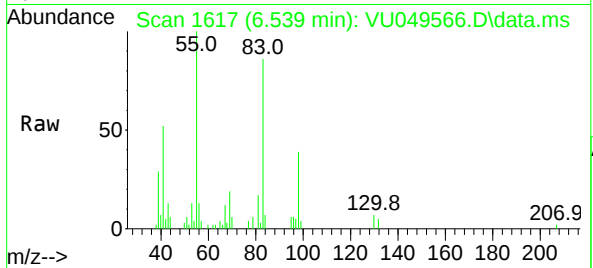




#44
Trichloroethene
Concen: 0.217 ug/l
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

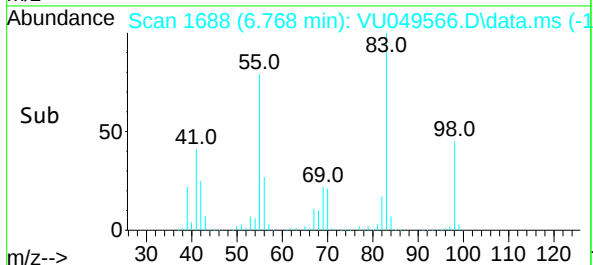
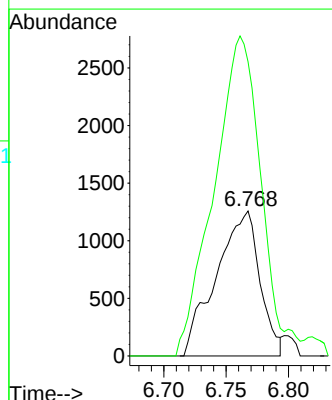
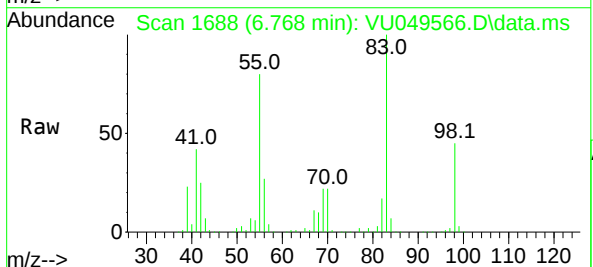
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

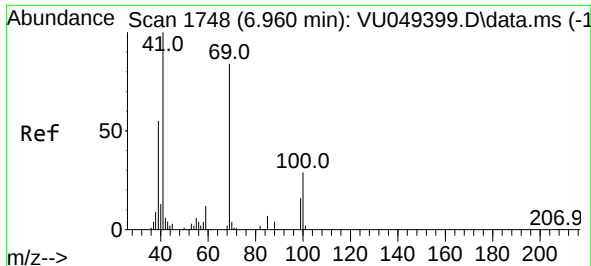
Tgt Ion:130 Resp: 662
Ion Ratio Lower Upper
130 100
95 88.9 0.0 184.6



#45
1,2-Dichloropropane
Concen: 0.861 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. -0.022 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 63 Resp: 3069
Ion Ratio Lower Upper
63 100
65 191.3 25.0 37.4#

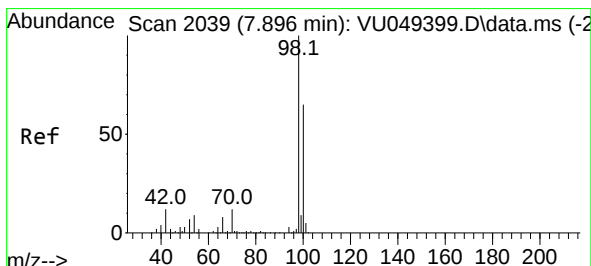
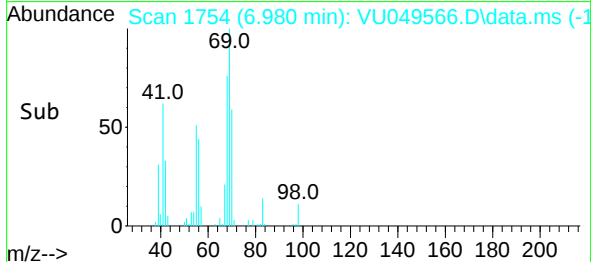
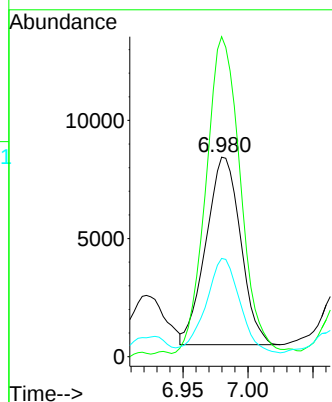
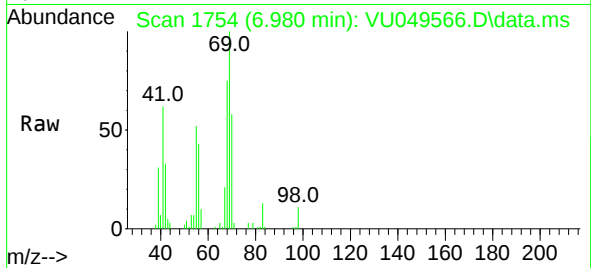




#48
Methyl methacrylate
Concen: 3.674 ug/l
RT: 6.980 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

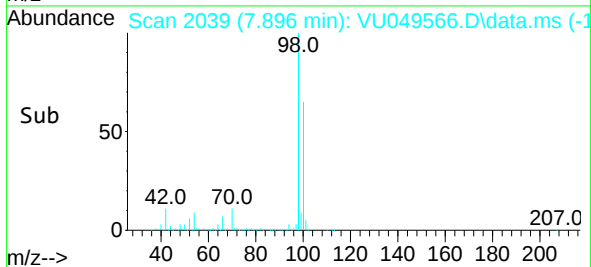
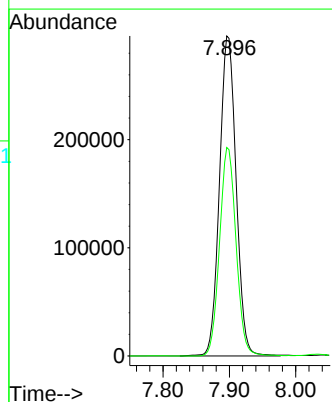
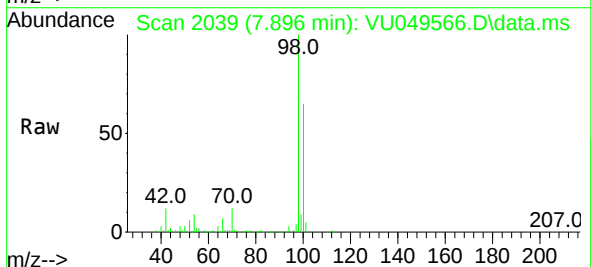
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

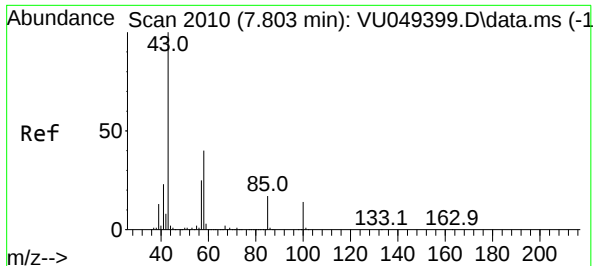
Tgt Ion: 41 Resp: 14684
Ion Ratio Lower Upper
41 100
69 167.9 79.8 119.6#
39 49.3 47.9 71.9



#50
Toluene-d8
Concen: 49.146 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 98 Resp: 514860
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.417 ug/l

RT: 7.787 min Scan# 2010

Delta R.T. -0.016 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

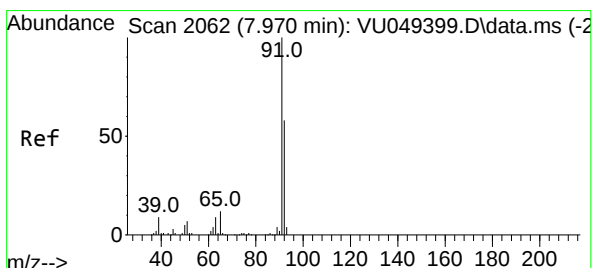
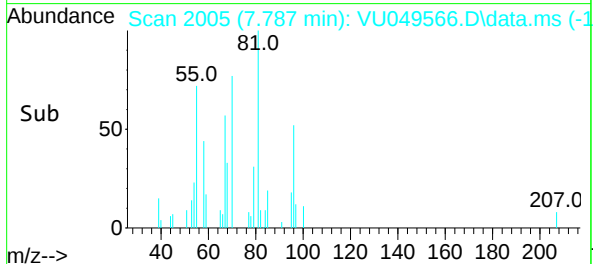
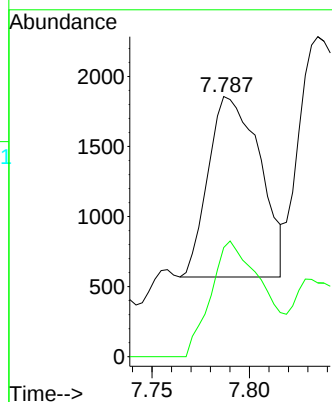
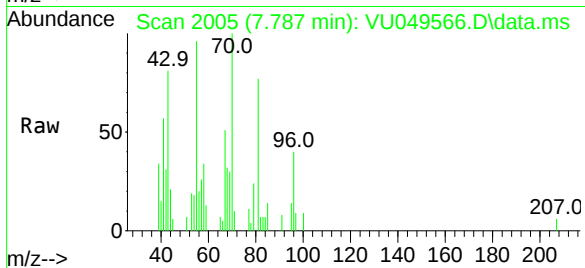
MW-24R

Tgt Ion: 43 Resp: 2381

Ion Ratio Lower Upper

43 100

58 65.1 34.7 52.1#



#52

Toluene

Concen: 5.241 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049566.D

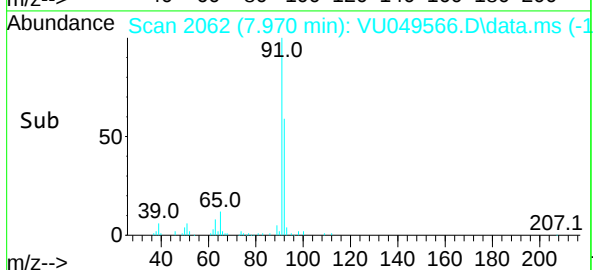
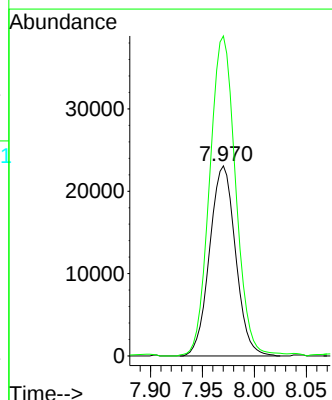
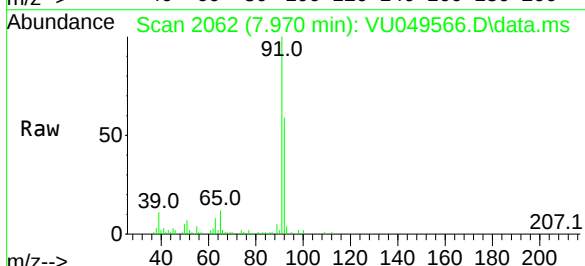
Acq: 30 Jun 2022 16:20

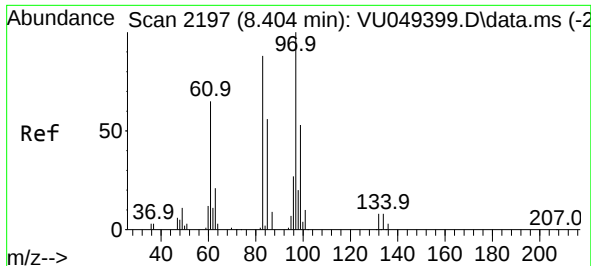
Tgt Ion: 92 Resp: 40050

Ion Ratio Lower Upper

92 100

91 168.9 138.2 207.4

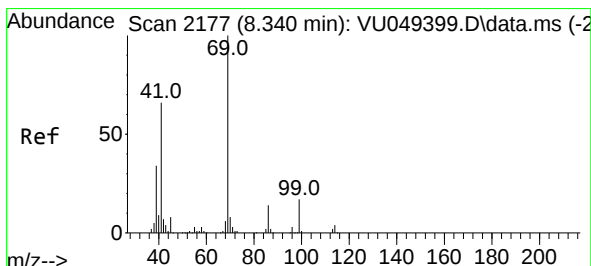
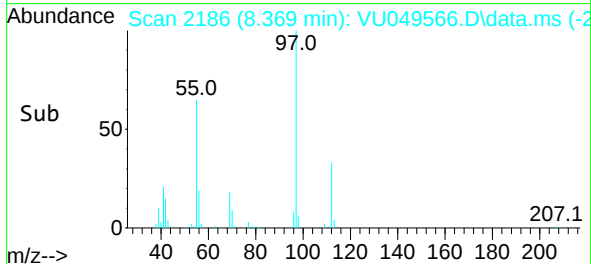
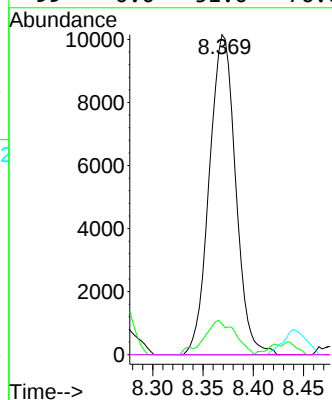
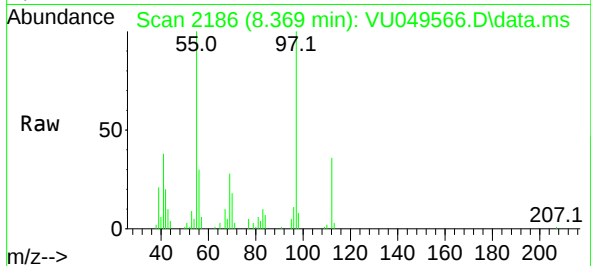




#55
1,1,2-Trichloroethane
Concen: 5.850 ug/l
RT: 8.369 min Scan# 2197
Delta R.T. -0.035 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

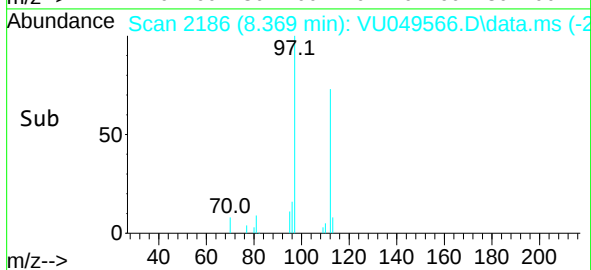
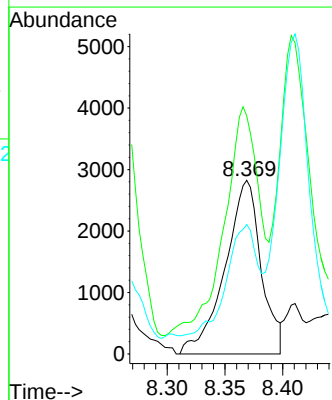
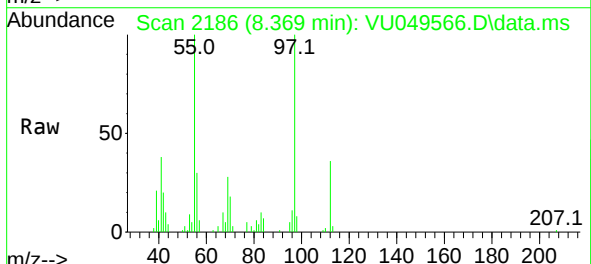
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

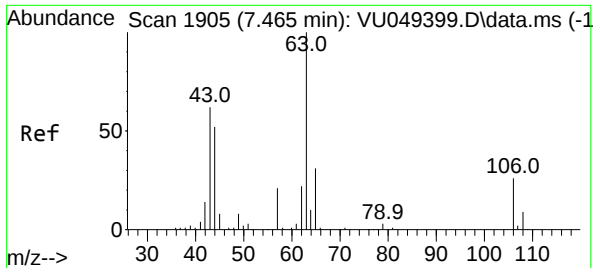
Tgt Ion: 97	Resp: 18485
Ion Ratio	Lower Upper
97 100	
83 9.5	70.2 105.4#
85 0.0	44.6 66.8#
99 0.0	51.0 76.6#



#56
Ethyl methacrylate
Concen: 1.163 ug/l
RT: 8.369 min Scan# 2186
Delta R.T. 0.029 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 69	Resp: 6145
Ion Ratio	Lower Upper
69 100	
41 128.9	45.4 68.0#
39 51.7	25.7 38.5#





#58

2-Chloroethyl Vinyl ether

Concen: 13.019 ug/l

RT: 7.459 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VU049566.D

Acq: 30 Jun 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

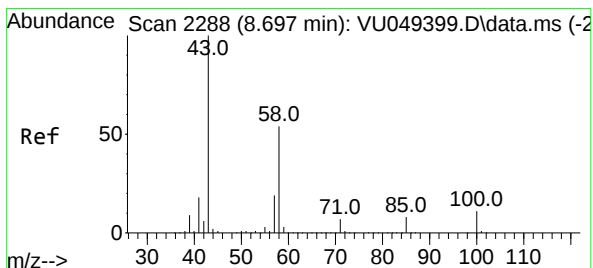
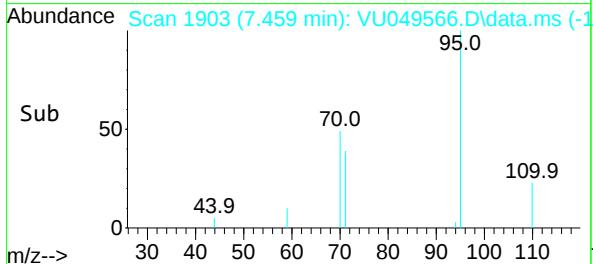
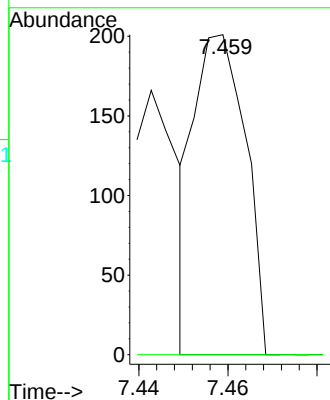
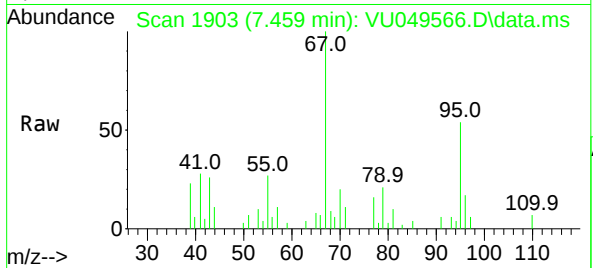
MW-24R

Tgt Ion: 63 Resp: 160

Ion Ratio Lower Upper

63 100

106 0.0 23.1 34.7#



#59

2-Hexanone

Concen: 2.124 ug/l

RT: 8.822 min Scan# 2327

Delta R.T. 0.126 min

Lab File: VU049566.D

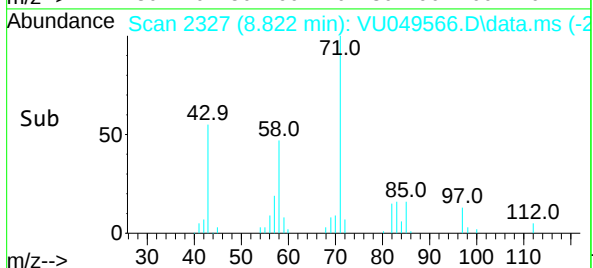
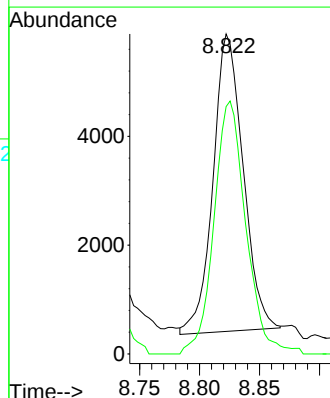
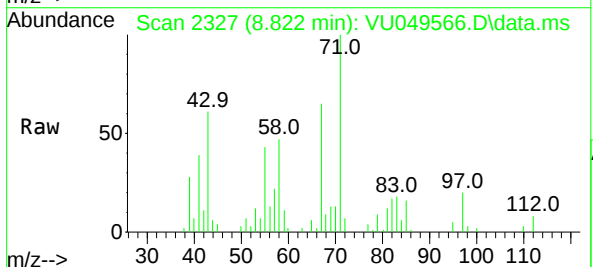
Acq: 30 Jun 2022 16:20

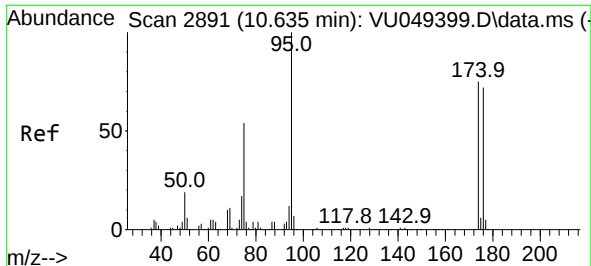
Tgt Ion: 43 Resp: 9532

Ion Ratio Lower Upper

43 100

58 90.1 30.3 90.8

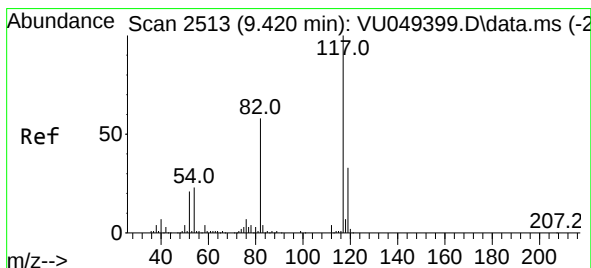
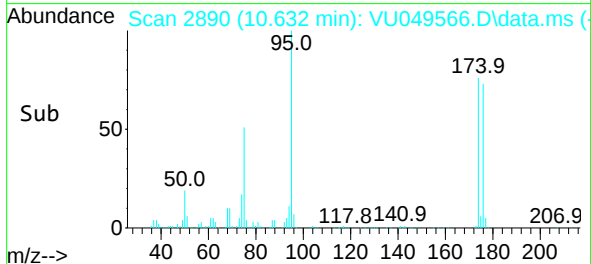
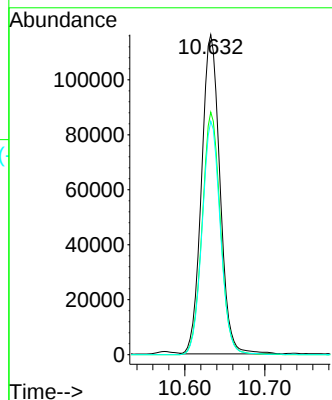
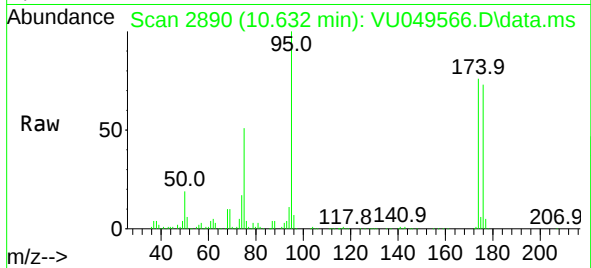




#62
4-Bromofluorobenzene
Concen: 46.531 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

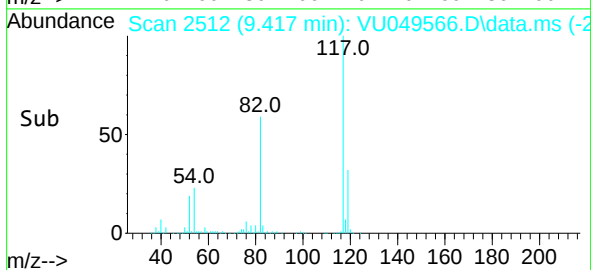
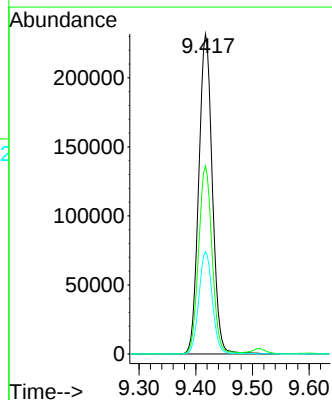
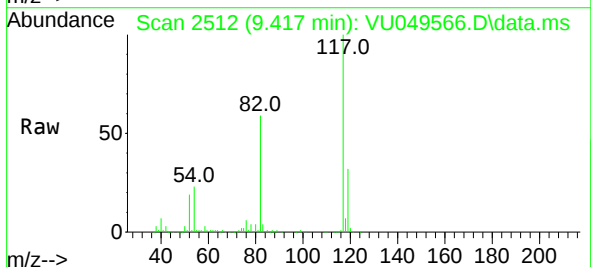
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

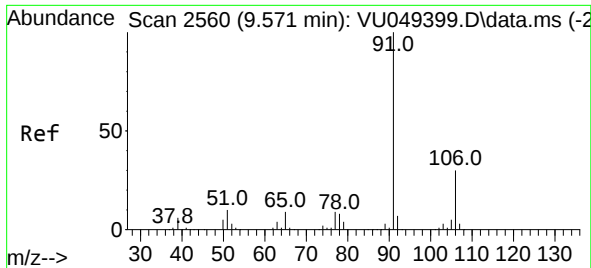
Tgt Ion: 95 Resp: 186733
Ion Ratio Lower Upper
95 100
174 75.3 0.0 182.0
176 72.4 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 117 Resp: 384576
Ion Ratio Lower Upper
117 100
82 58.7 41.7 62.5
119 31.9 25.7 38.5

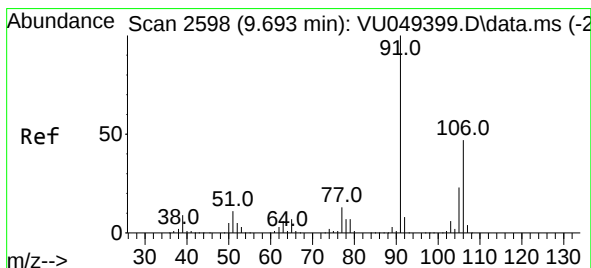
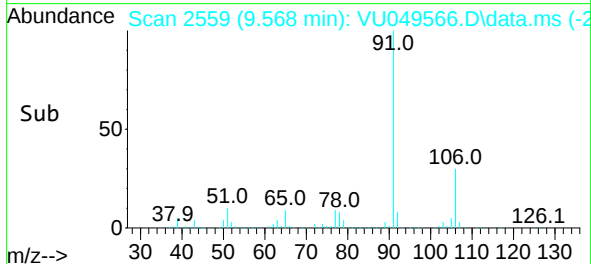
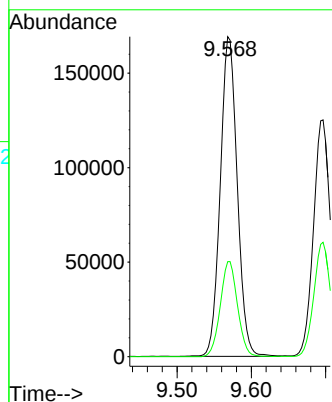
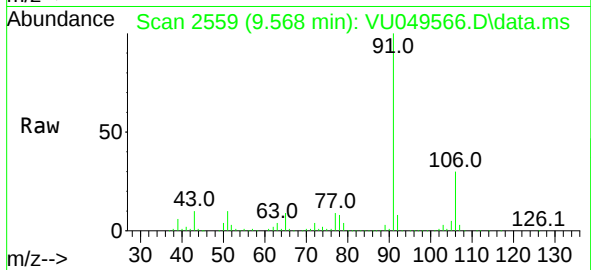




#67
Ethyl Benzene
Concen: 18.638 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

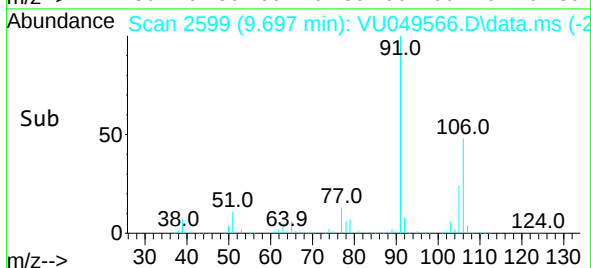
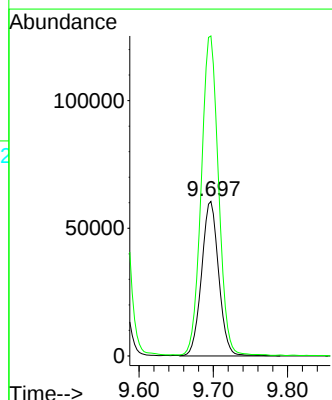
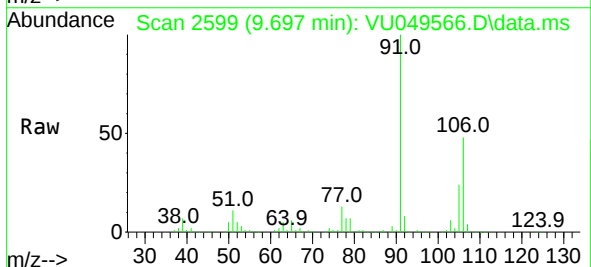
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

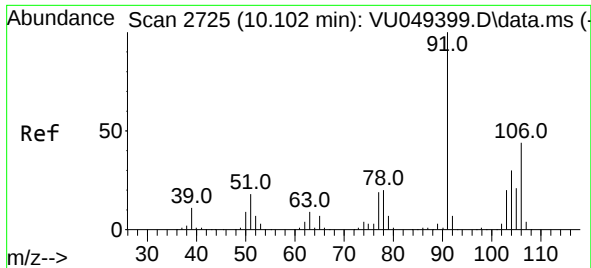
Tgt Ion: 91 Resp: 269015
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 18.120 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 106 Resp: 96771
Ion Ratio Lower Upper
106 100
91 208.9 157.2 235.8

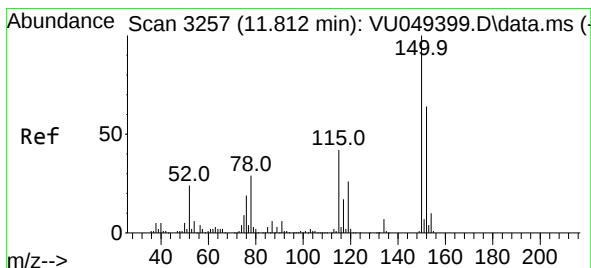
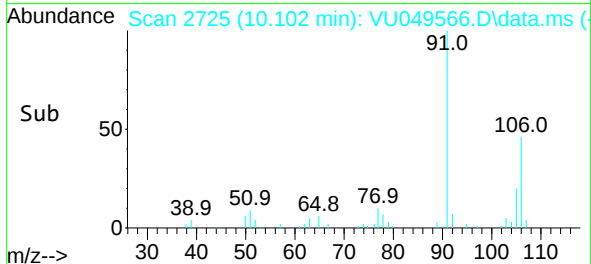
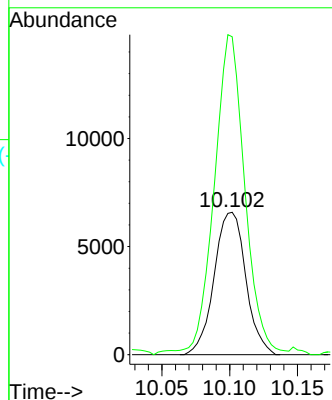
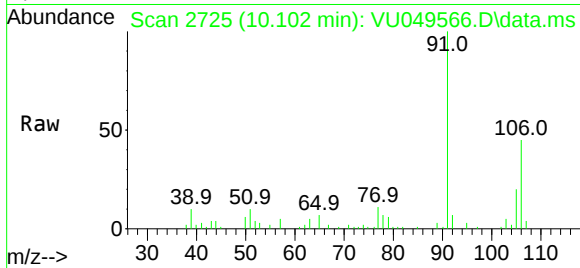




#69
o-Xylene
Concen: 2.015 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

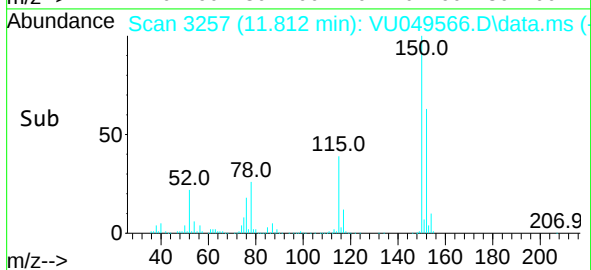
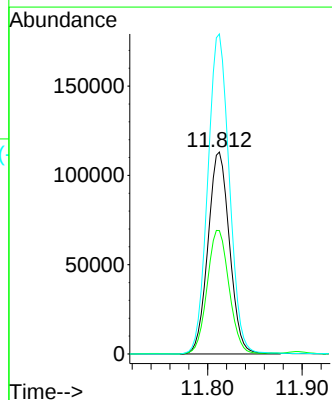
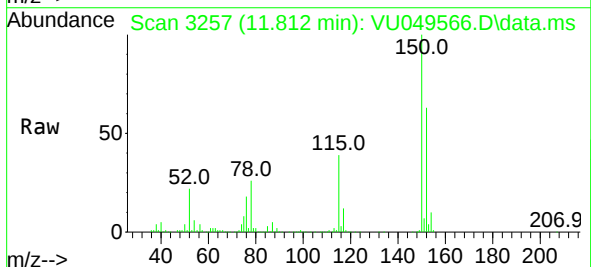
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

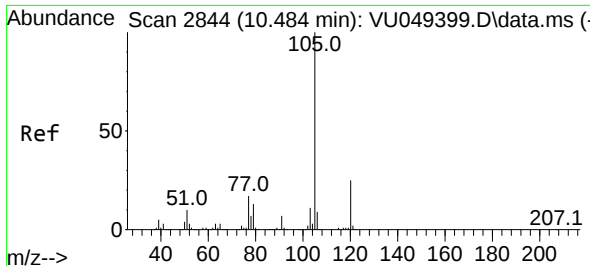
Tgt Ion:106 Resp: 10681
Ion Ratio Lower Upper
106 100
91 218.2 103.5 310.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion:152 Resp: 179227
Ion Ratio Lower Upper
152 100
115 62.2 37.0 110.9
150 158.4 0.0 342.2

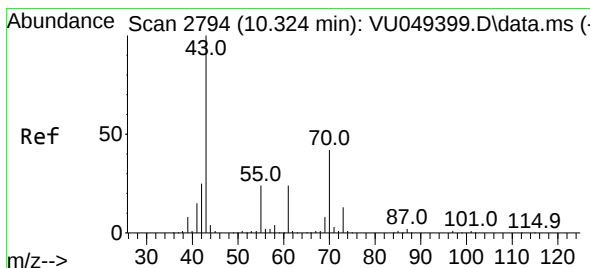
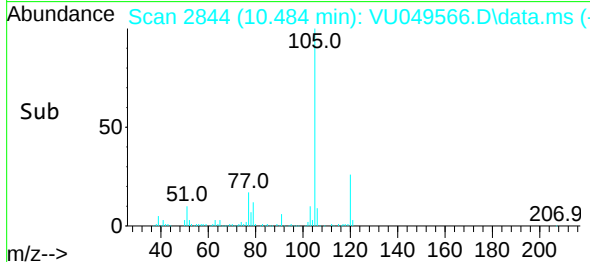
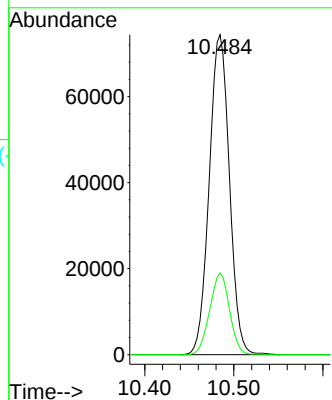
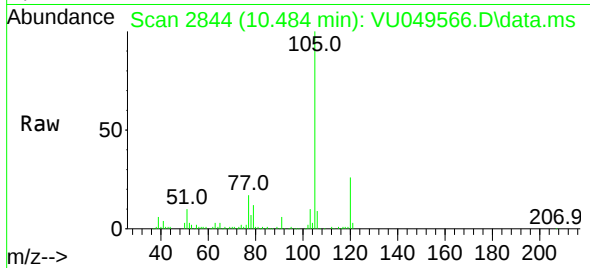




#73
Isopropylbenzene
Concen: 9.165 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

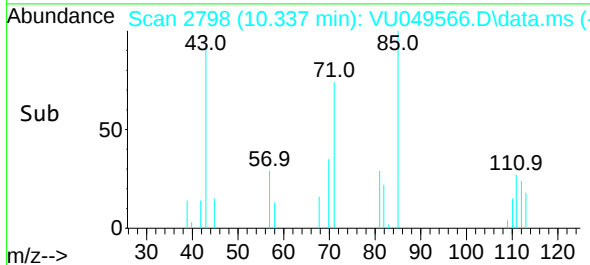
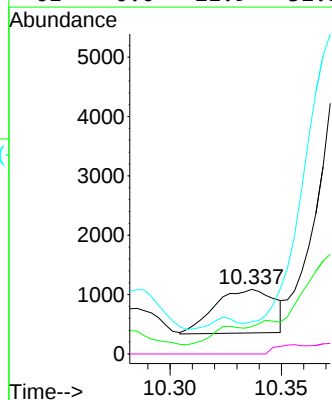
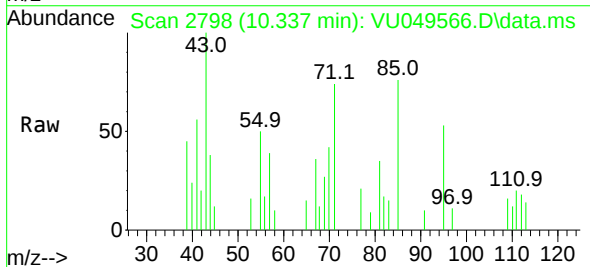
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

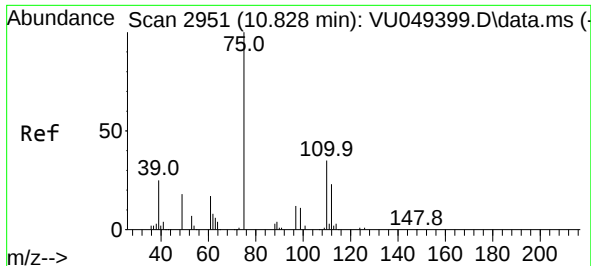
Tgt Ion:105 Resp: 117017
Ion Ratio Lower Upper
105 100
120 25.0 13.8 41.4



#74
N-ethyl acetate
Concen: 0.203 ug/l
RT: 10.337 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
70 35.4 38.7 58.1#
55 0.0 21.8 32.8#
61 0.0 21.9 32.9#

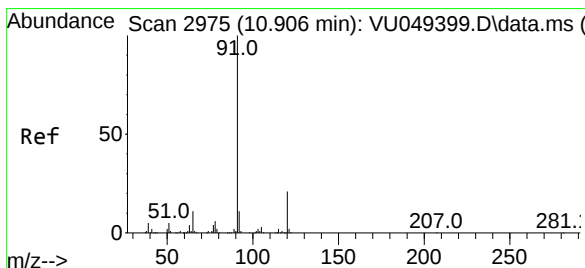
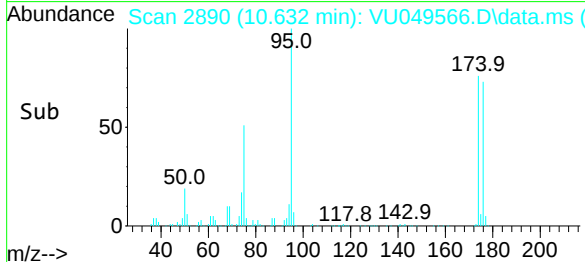
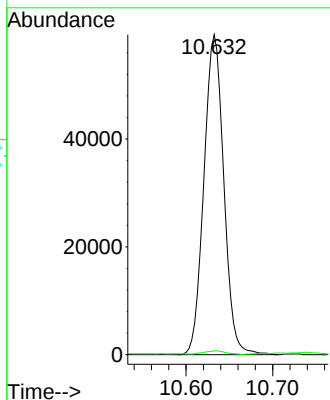
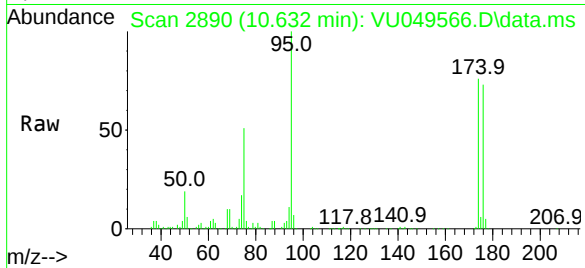




#76
1,2,3-Trichloropropane
Concen: 15.594 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

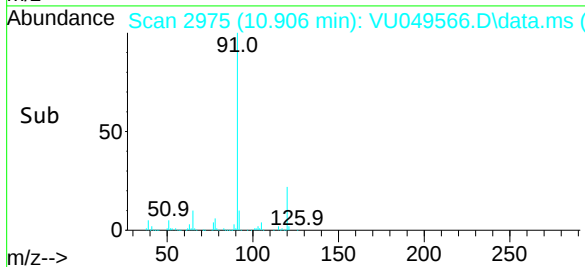
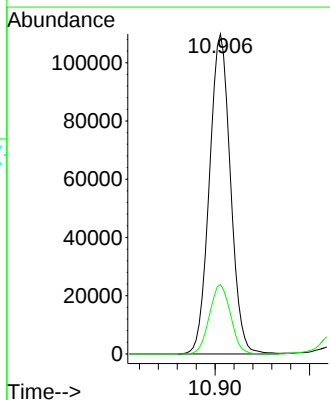
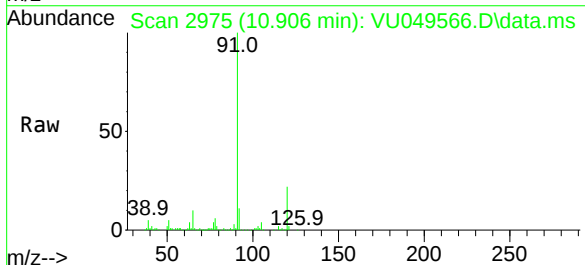
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

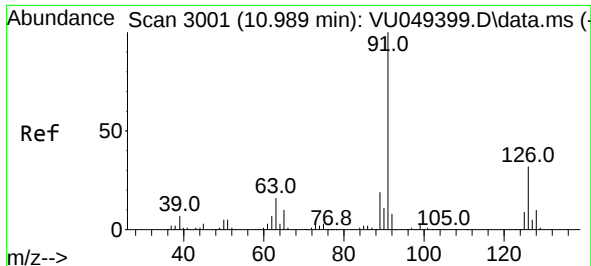
Tgt Ion: 75 Resp: 94741
Ion Ratio Lower Upper
75 100
77 1.4 15.8 47.3#



#78
n-propylbenzene
Concen: 10.958 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 91 Resp: 170001
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5

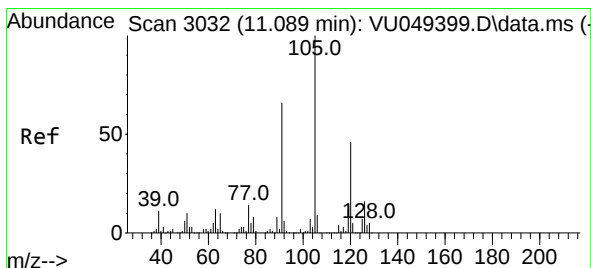
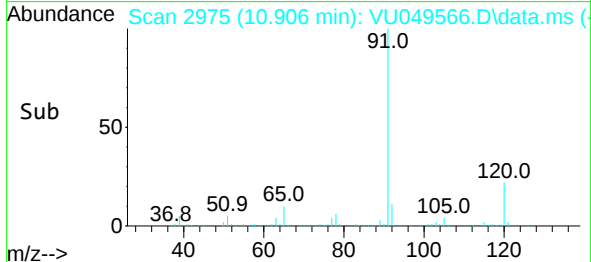
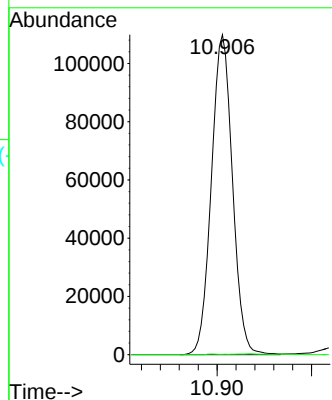
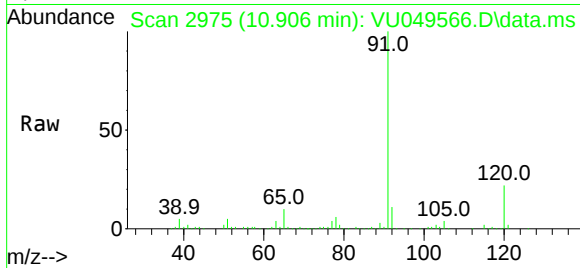




#79
2-Chlorotoluene
Concen: 17.786 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.083 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

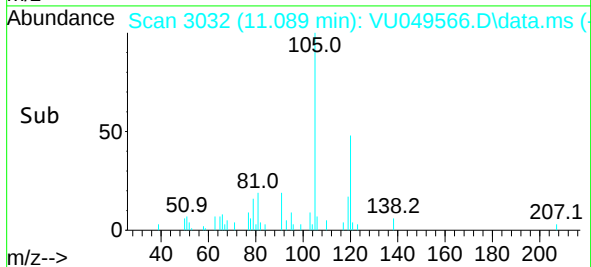
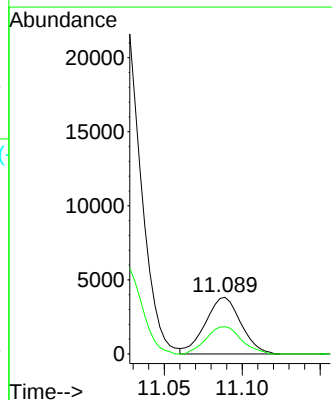
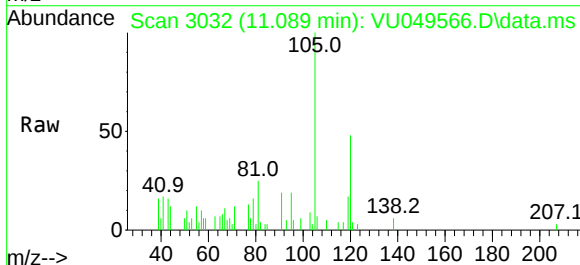
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

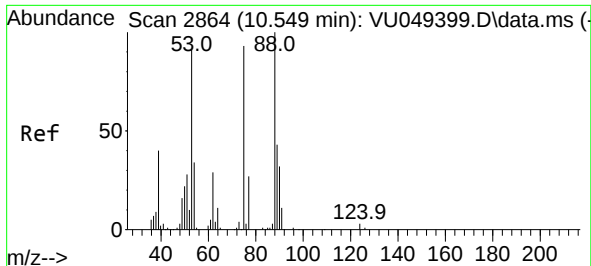
Tgt Ion: 91 Resp: 170001
Ion Ratio Lower Upper
91 100
126 0.1 18.4 55.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.543 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion:105 Resp: 6047
Ion Ratio Lower Upper
105 100
120 47.3 25.3 75.9

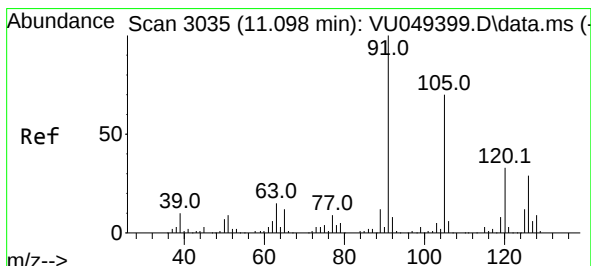
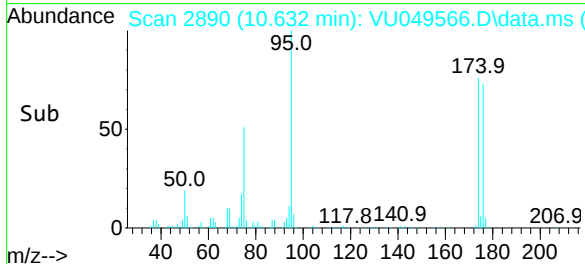
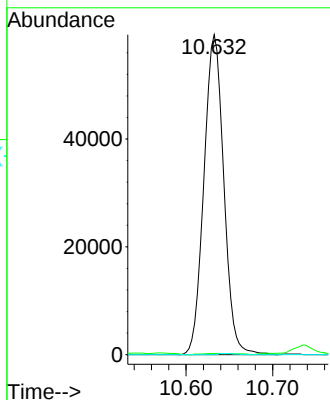
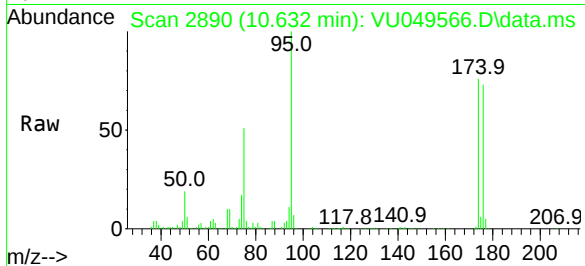




#81
trans-1,4-Dichloro-2-butene
Concen: 57.585 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

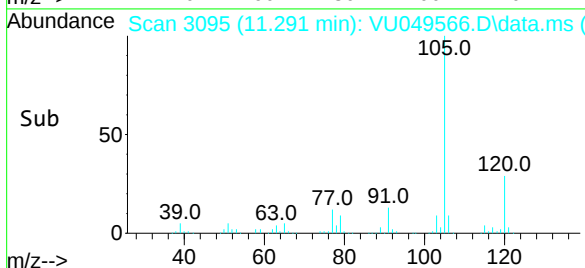
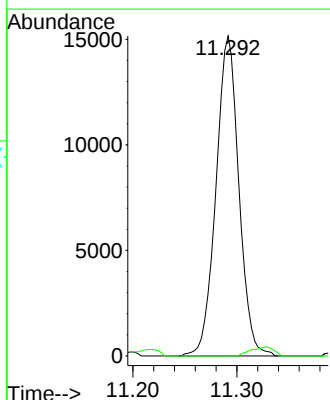
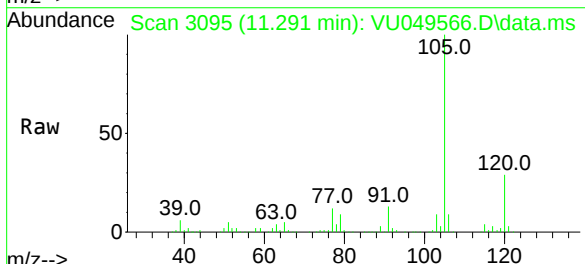
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

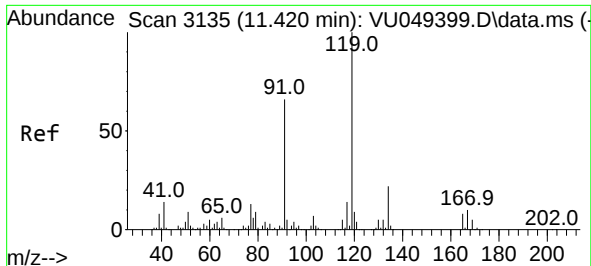
Tgt Ion: 75 Resp: 94741
Ion Ratio Lower Upper
75 100
53 0.4 69.2 103.8#
89 0.3 37.0 55.6#



#82
4-Chlorotoluene
Concen: 2.160 ug/l
RT: 11.291 min Scan# 3095
Delta R.T. 0.193 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 91 Resp: 23216
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.2#

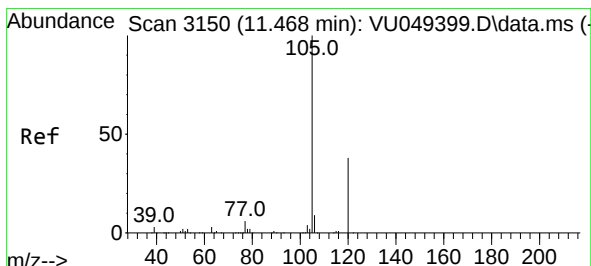
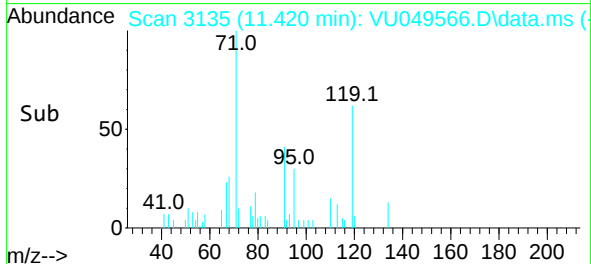
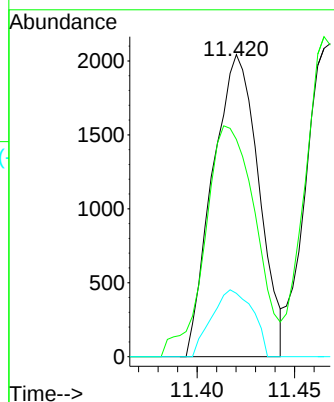
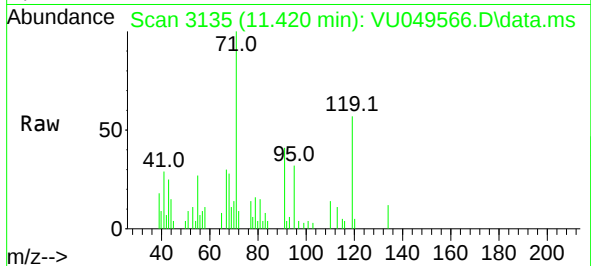




#83
tert-Butylbenzene
Concen: 0.306 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

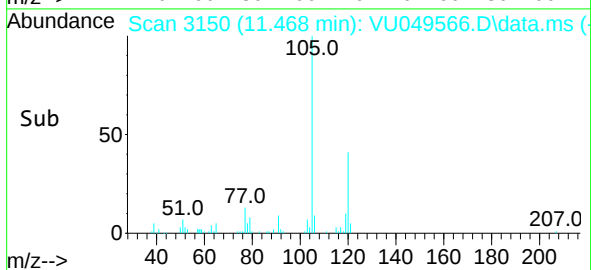
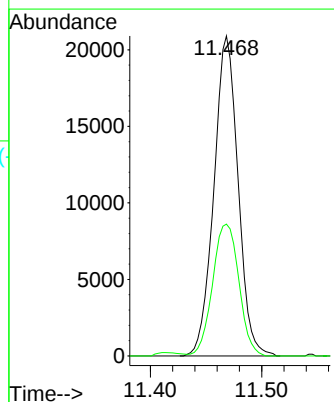
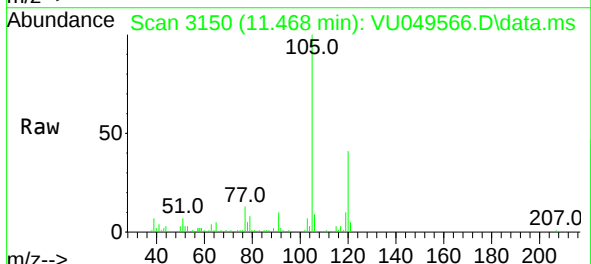
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

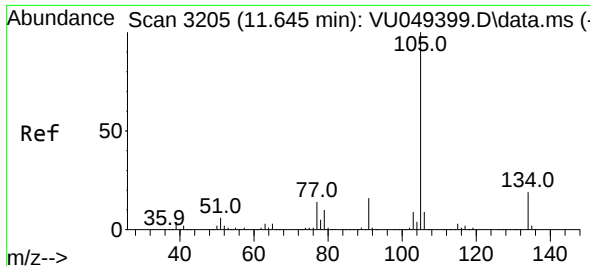
Tgt Ion:119 Resp: 3359
Ion Ratio Lower Upper
119 100
91 83.3 26.8 80.3#
134 19.7 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 2.875 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion:105 Resp: 31482
Ion Ratio Lower Upper
105 100
120 44.9 23.4 70.3

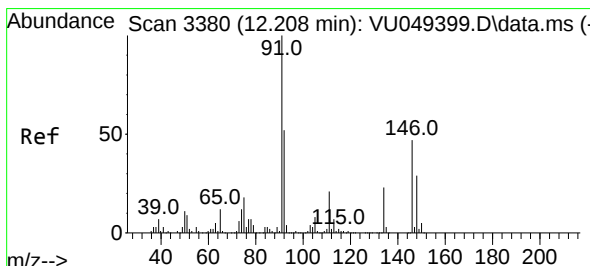
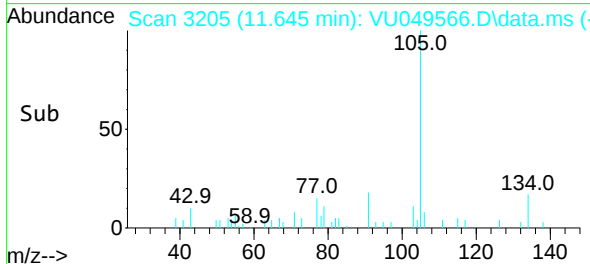
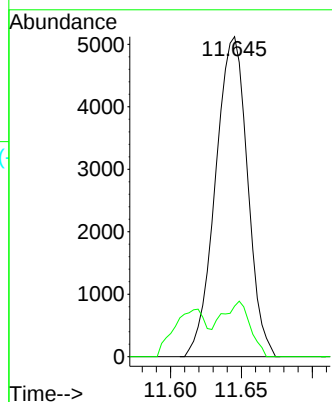
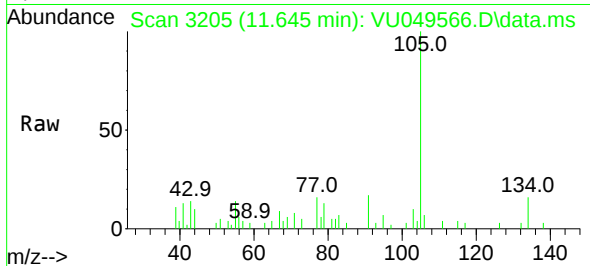




#85
 sec-Butylbenzene
 Concen: 0.585 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049566.D
 Acq: 30 Jun 2022 16:20

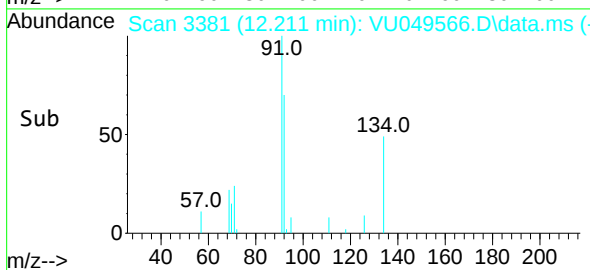
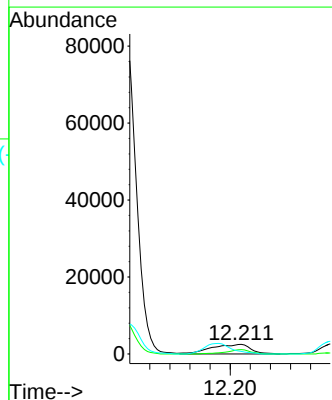
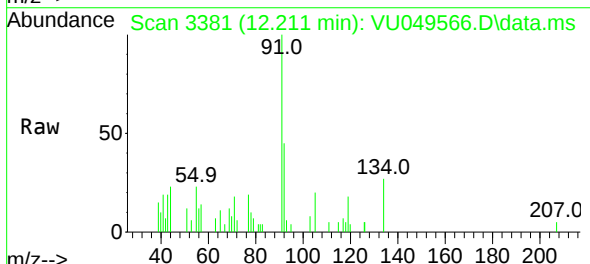
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-24R

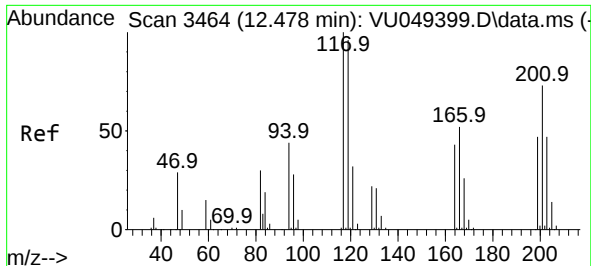
Tgt Ion:105 Resp: 8062
 Ion Ratio Lower Upper
 105 100
 134 15.5 10.4 31.1



#89
 n-Butylbenzene
 Concen: 0.660 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU049566.D
 Acq: 30 Jun 2022 16:20

Tgt Ion: 91 Resp: 6809
 Ion Ratio Lower Upper
 91 100
 92 27.1 26.2 78.6
 134 0.0 13.5 40.4#

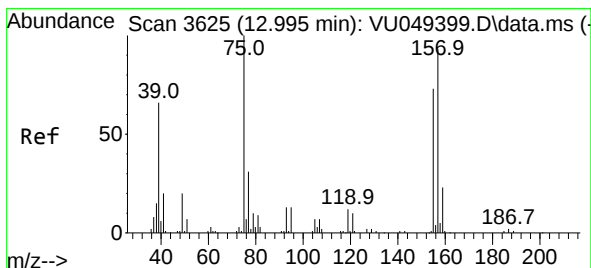
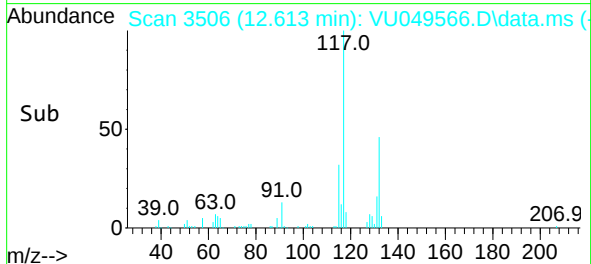
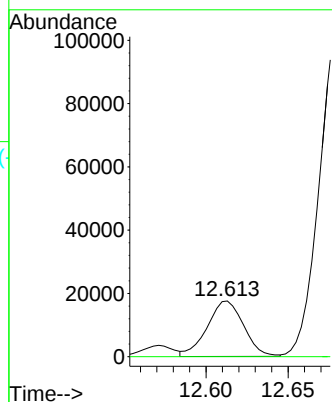
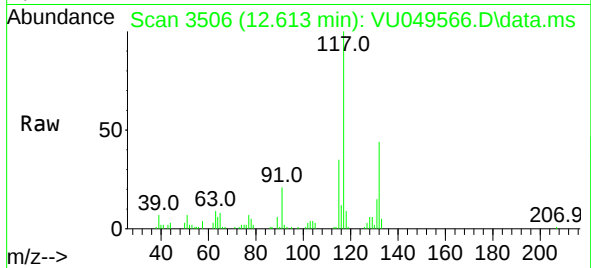




#90
Hexachloroethane
Concen: 12.138 ug/l
RT: 12.613 min Scan# 311
Delta R.T. 0.135 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

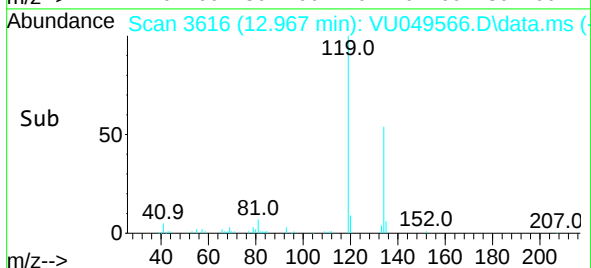
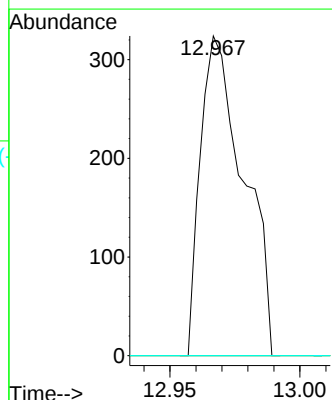
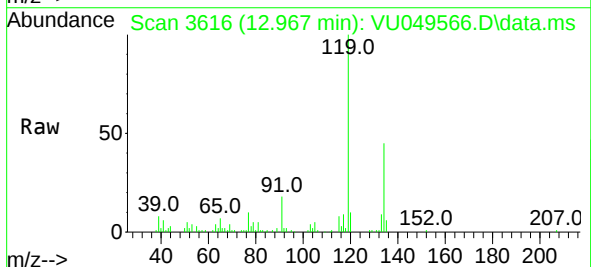
Instrument :
MSVOA_U
ClientSampleId :
MW-24R

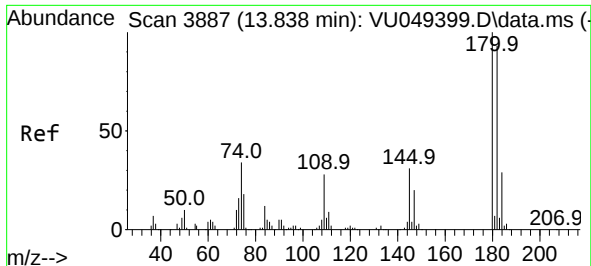
Tgt Ion:117 Resp: 26949
Ion Ratio Lower Upper
117 100
201 0.0 44.6 134.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.270 ug/l
RT: 12.967 min Scan# 3616
Delta R.T. -0.029 min
Lab File: VU049566.D
Acq: 30 Jun 2022 16:20

Tgt Ion: 75 Resp: 375
Ion Ratio Lower Upper
75 100
155 0.0 47.8 143.4#
157 0.0 62.2 186.5#

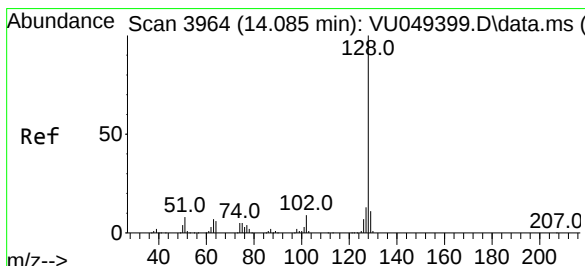
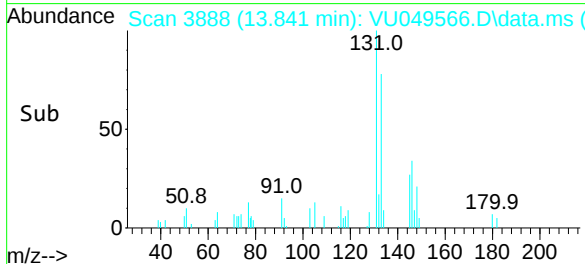
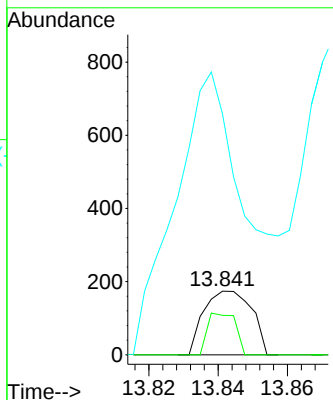
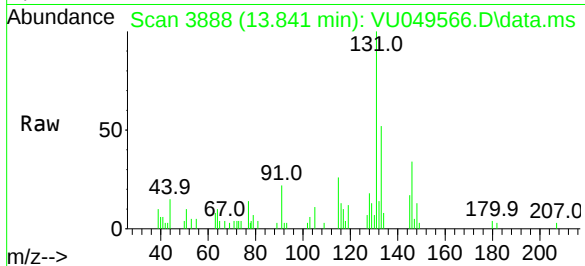




#93
 1,2,4-Trichlorobenzene
 Concen: 1.794 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU049566.D
 Acq: 30 Jun 2022 16:20

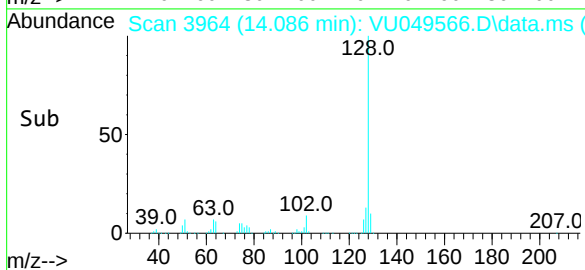
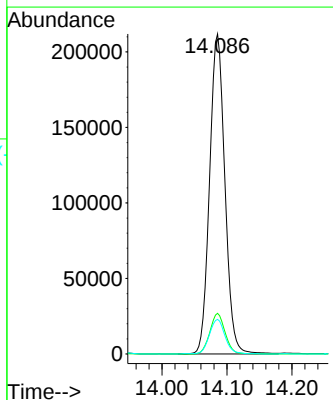
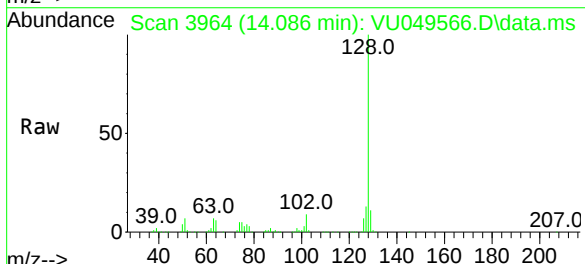
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-24R

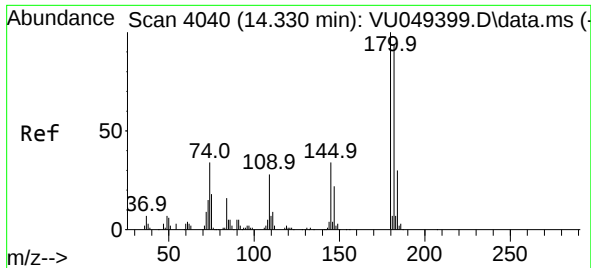
Tgt Ion:180 Resp: 167
 Ion Ratio Lower Upper
 180 100
 182 37.7 47.9 143.6#
 145 668.9 14.0 41.9#



#95
 Naphthalene
 Concen: 25.594 ug/l
 RT: 14.086 min Scan# 3964
 Delta R.T. 0.000 min
 Lab File: VU049566.D
 Acq: 30 Jun 2022 16:20

Tgt Ion:128 Resp: 346807
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 11.1 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 1.195 ug/l

RT: 14.324 min Scan# 40

Delta R.T. -0.006 min

Lab File: VU049566.D

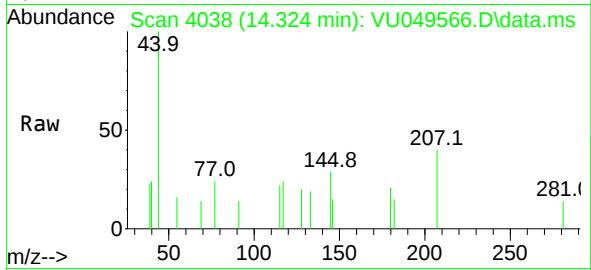
Acq: 30 Jun 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MW-24R



Tgt Ion:180 Resp: 77

Ion Ratio Lower Upper

180 100

182 90.9 48.4 145.0

145 0.0 14.8 44.4#

