

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048698.D
 Acq On : 27 May 2022 17:02
 Operator : SY/MD
 Sample : N3056-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02

Quant Time: May 28 00:21:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.375	168	220663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	363071	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	373833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	163883	49.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.900%
35) Dibromofluoromethane	5.292	113	141300	54.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.100%
50) Toluene-d8	7.899	98	445268	47.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.920%
62) 4-Bromofluorobenzene	10.632	95	202191	57.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.861	94	124	Below Cal	#	3
6) Chloroethane	1.938	64	3174	Below Cal	#	87
11) Tert butyl alcohol	3.179	59	16201	19.283	ug/l #	28
13) Acrolein	2.469	56	1276	0.339	ug/l #	1
14) Allyl chloride	3.044	41	113129	26.007	ug/l #	63
15) Acrylonitrile	3.362	53	26440	14.510	ug/l #	39
16) Acetone	2.600	43	47691	28.238	ug/l #	42
18) Methyl Acetate	3.044	43	284005	66.977	ug/l #	51
19) Methyl tert-butyl Ether	3.366	73	114047	13.383	ug/l #	1
20) Methylene Chloride	3.047	84	4948	1.723	ug/l #	1
23) Vinyl Acetate	3.983	43	3463	0.498	ug/l #	72
25) 2-Butanone	4.706	43	24664	10.166	ug/l	95
27) cis-1,2-Dichloroethene	4.677	96	1050	0.353	ug/l	83
29) Tetrahydrofuran	5.063	42	575	0.376	ug/l #	41
30) Chloroform	5.128	83	27490	5.452	ug/l #	49
31) Cyclohexane	5.388	56	168896	40.441	ug/l	97
36) 1,1-Dichloropropene	5.372	75	17919	4.740	ug/l #	49
37) Ethyl Acetate	4.706	43	24664	5.161	ug/l #	68
38) Carbon Tetrachloride	5.375	117	21580	4.976	ug/l #	18
39) Methylcyclohexane	6.764	83	144911	36.558	ug/l	96
40) Benzene	5.777	78	2516916	225.514	ug/l	100
41) Methacrylonitrile	4.989	41	2833	1.173	ug/l #	3
42) 1,2-Dichloroethane	5.774	62	22213	5.084	ug/l #	27
43) Isopropyl Acetate	5.941	43	136093	19.620	ug/l #	38
44) Trichloroethene	6.542	130	1353	0.471	ug/l	81
47) Bromodichloromethane	7.160	83	17176	4.046	ug/l #	30
48) Methyl methacrylate	6.983	41	19281	6.192	ug/l #	47
49) 1,4-Dioxane	6.989	88	20	0.287	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	5541	1.230	ug/l #	75
52) Toluene	7.970	92	46467	6.960	ug/l	100
55) 1,1,2-Trichloroethane	8.369	97	52279	17.744	ug/l #	19
56) Ethyl methacrylate	8.369	69	16841	6.041	ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.462	63	1187	30.751	ug/l #	47
59) 2-Hexanone	8.687	43	17850	4.827	ug/l	73
60) Dibromochloromethane	8.552	129	2583	0.782	ug/l #	11
67) Ethyl Benzene	9.574	91	11257082	844.157	ug/l	99

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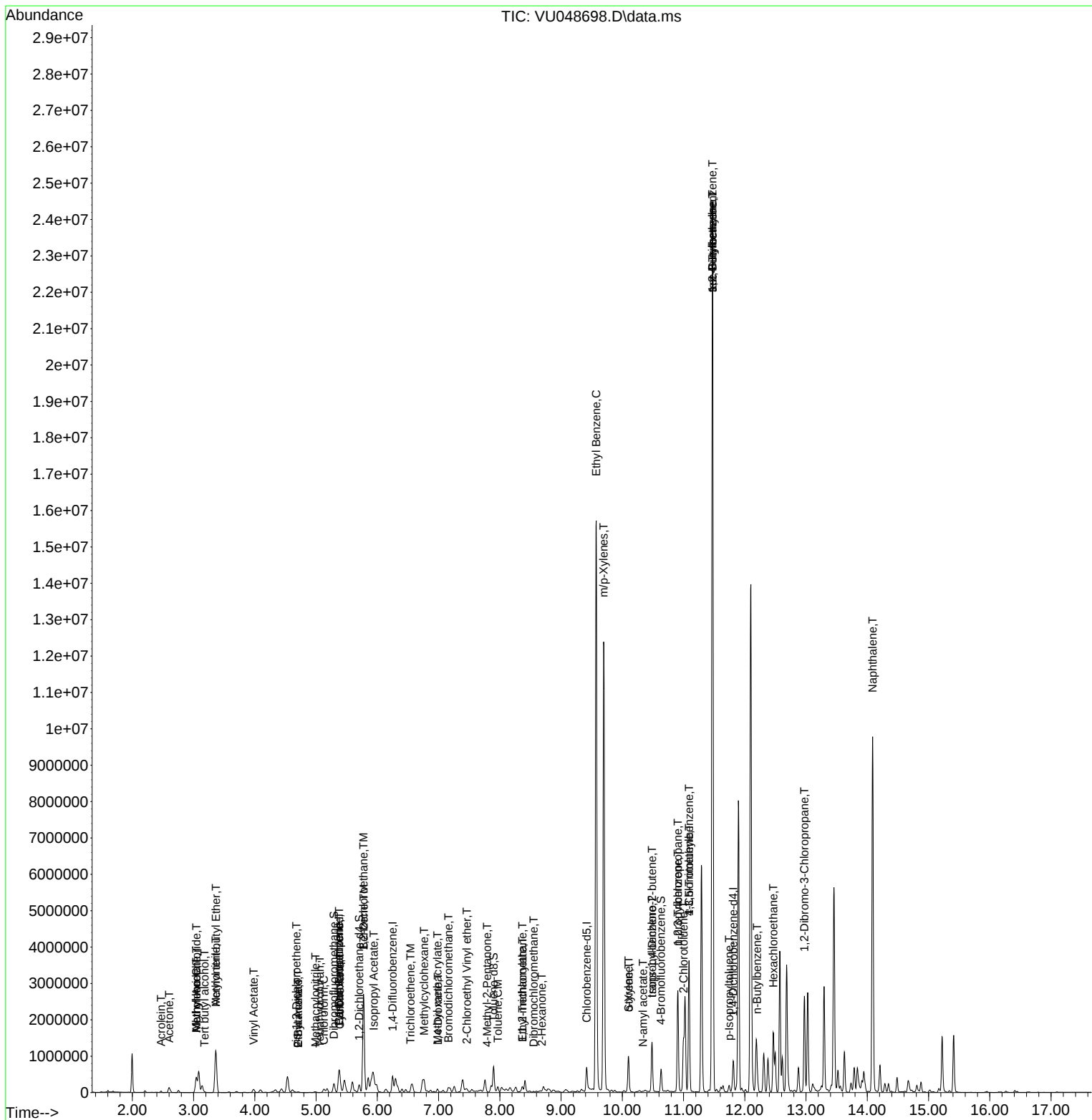
Quant Time: May 28 00:21:19 2022
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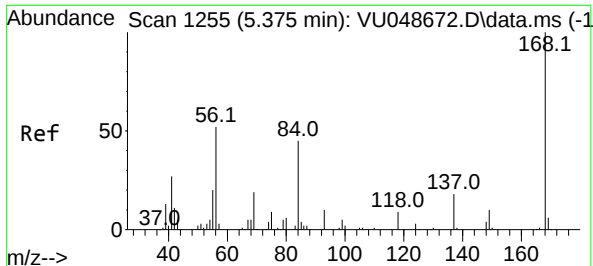
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) m/p-Xylenes	9.697	106	3492225	669.576	ug/l	100
69) o-Xylene	10.102	106	268289	52.359	ug/l	97
70) Styrene	10.102	104	16956	2.012	ug/l #	1
73) Isopropylbenzene	10.484	105	885926	62.123	ug/l	99
74) N-amyl acetate	10.336	43	1411	2.653	ug/l #	44
76) 1,2,3-Trichloropropane	10.906	75	12953	1.819	ug/l #	1
78) n-propylbenzene	10.906	91	2127373	125.191	ug/l	99
79) 2-Chlorotoluene	10.999	91	94366	8.930	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.089	105	1987662	160.274	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.484	75	10748	5.479	ug/l #	61
82) 4-Chlorotoluene	11.089	91	205092	16.821	ug/l #	46
83) tert-Butylbenzene	11.475	119	1639652	137.755	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.471	105	13634838	997.114	ug/l	100
85) sec-Butylbenzene	11.471	105	13634838	915.660	ug/l #	58
86) p-Isopropyltoluene	11.745	119	90949	7.112	ug/l	97
89) n-Butylbenzene	12.201	91	285317	23.502	ug/l #	29
90) Hexachloroethane	12.465	117	86163	33.016	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.973	75	10636	6.347	ug/l #	4
95) Naphthalene	14.089	128	7622149	418.700	ug/l	100

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

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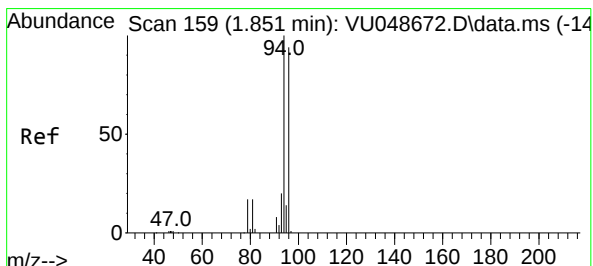
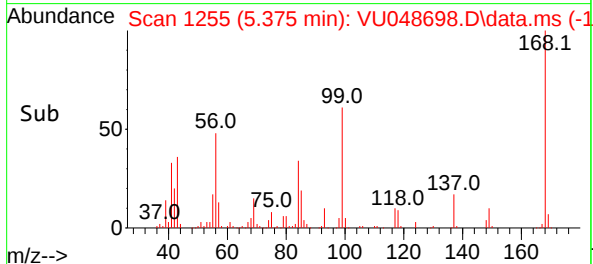
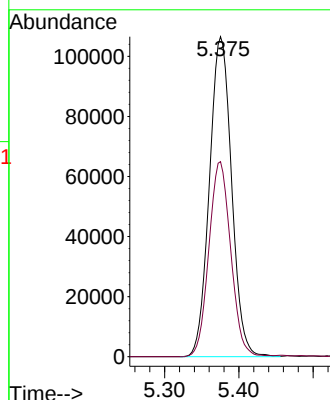
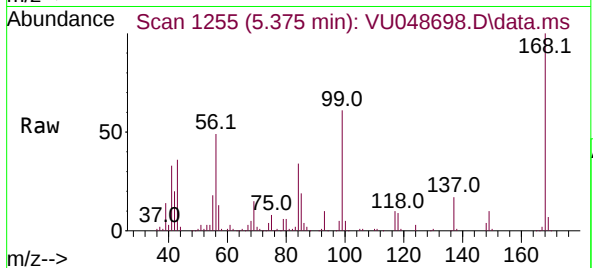




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

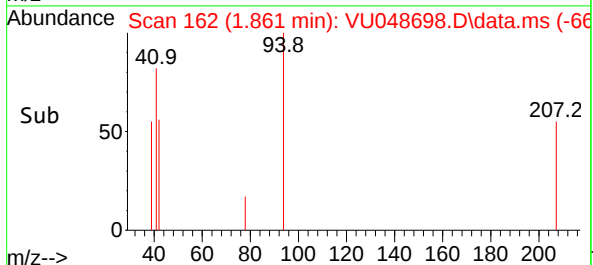
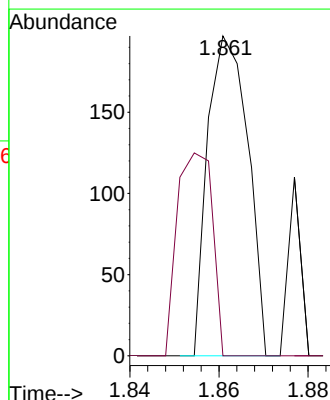
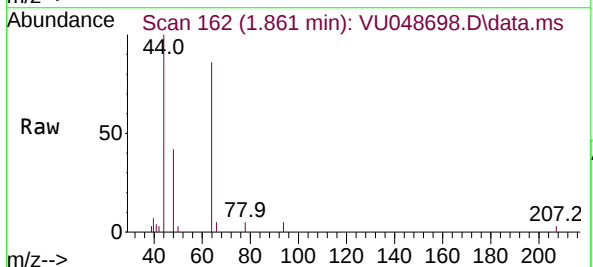
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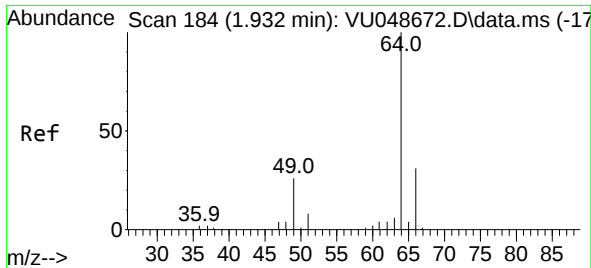
Tgt Ion:168 Resp: 220663
Ion Ratio Lower Upper
168 100
99 60.9 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.861 min Scan# 162
Delta R.T. 0.010 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

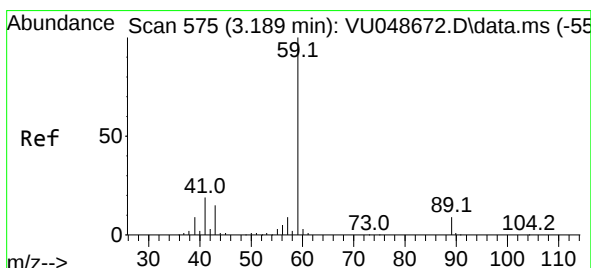
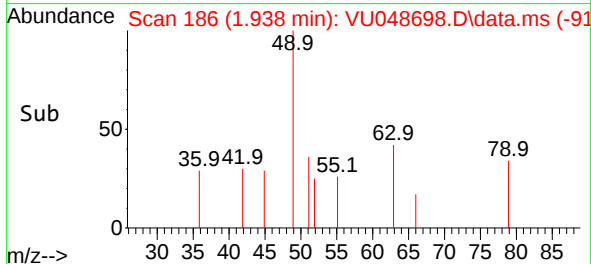
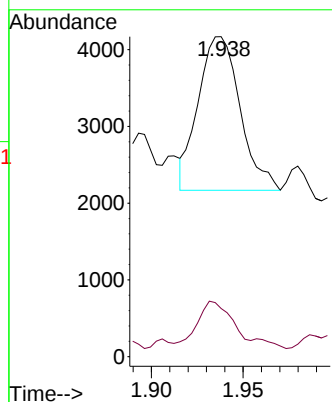
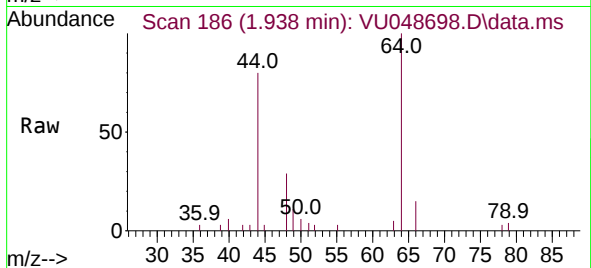




#6
Chloroethane
Concen: Below Cal
RT: 1.938 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

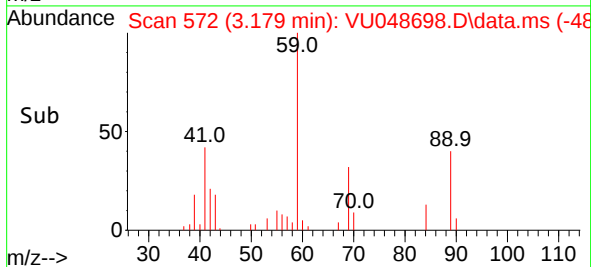
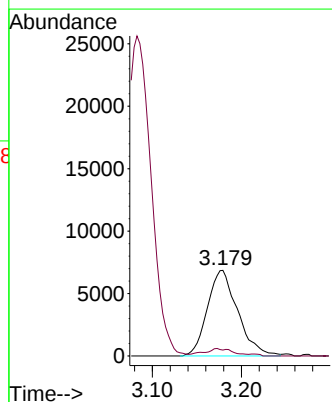
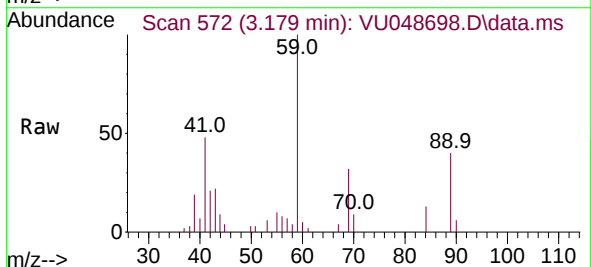
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ClientSampleId :
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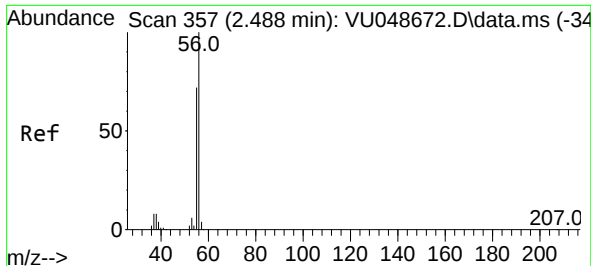
Tgt Ion: 64 Resp: 3174
Ion Ratio Lower Upper
64 100
66 24.4 25.2 37.8#



#11
Tert butyl alcohol
Concen: 19.283 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 59 Resp: 16201
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

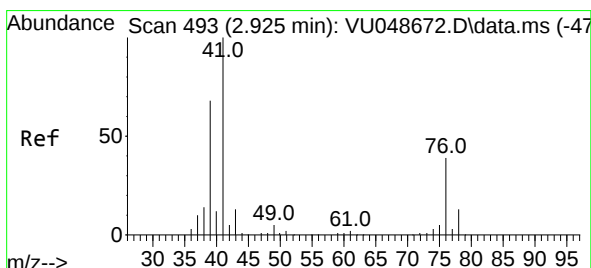
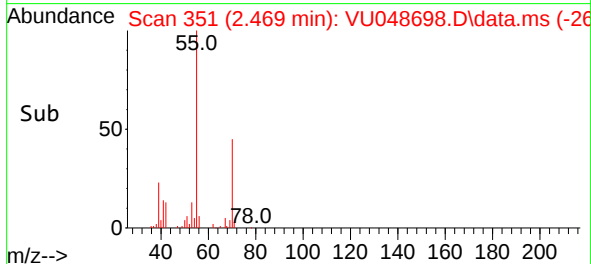
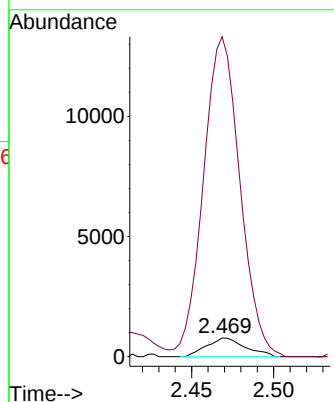
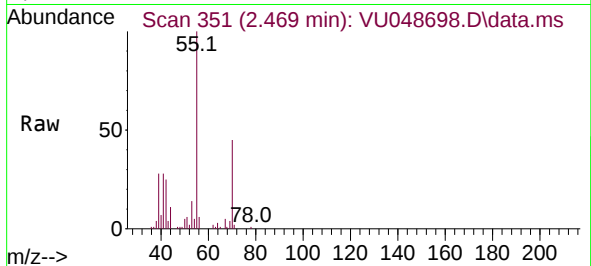




#13
Acrolein
Concen: 0.339 ug/l
RT: 2.469 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

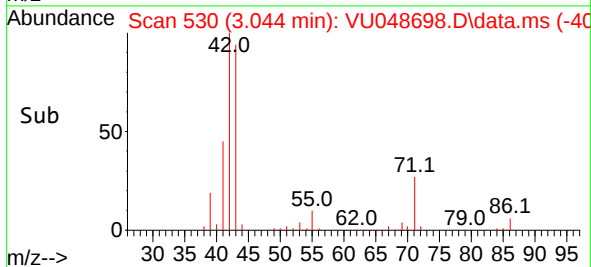
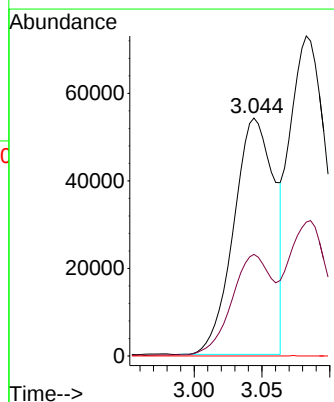
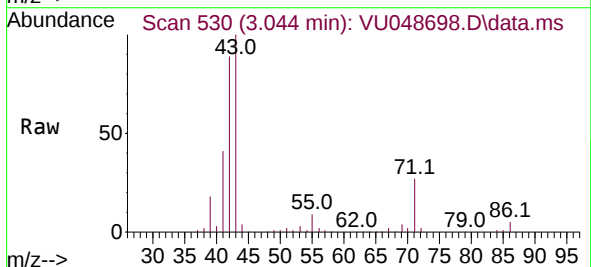
Instrument :
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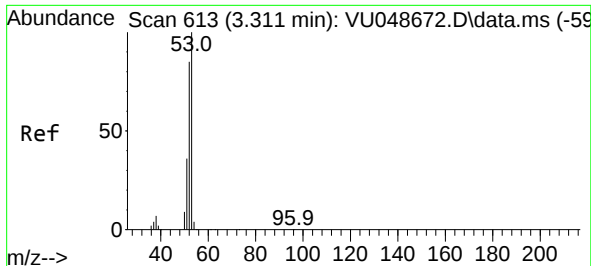
Tgt Ion: 56 Resp: 1276
Ion Ratio Lower Upper
56 100
55 1619.1 57.7 86.5#



#14
Allyl chloride
Concen: 26.007 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.119 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 41 Resp: 113129
Ion Ratio Lower Upper
41 100
39 41.6 48.6 72.8#
76 0.0 27.0 40.4#

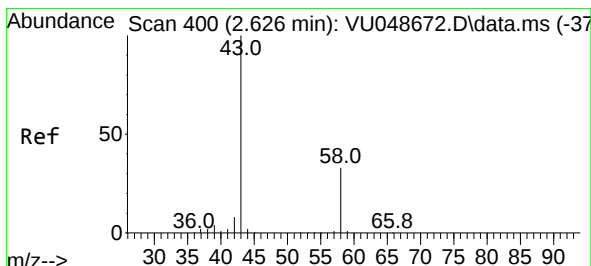
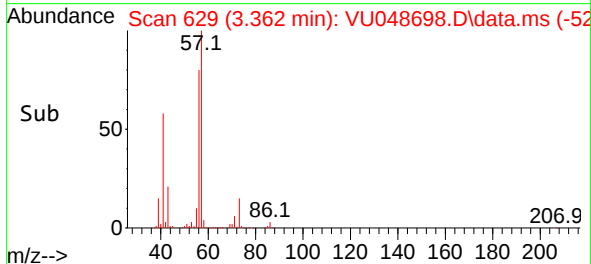
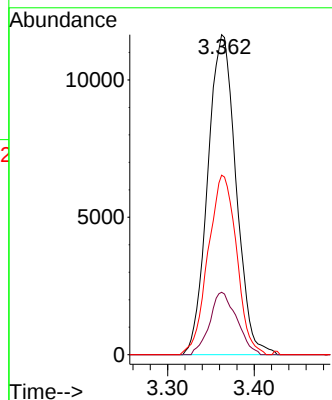
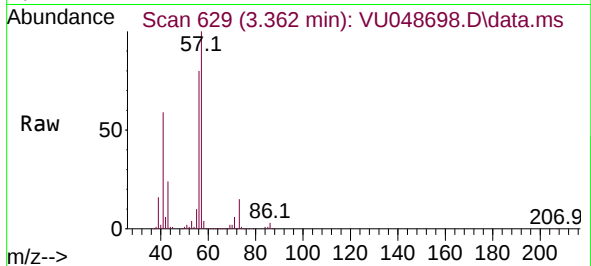




#15
Acrylonitrile
Concen: 14.510 ug/l
RT: 3.362 min Scan# 613
Delta R.T. 0.051 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

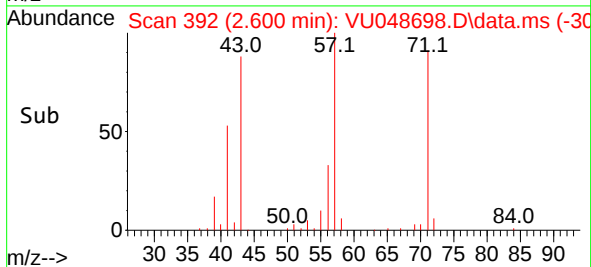
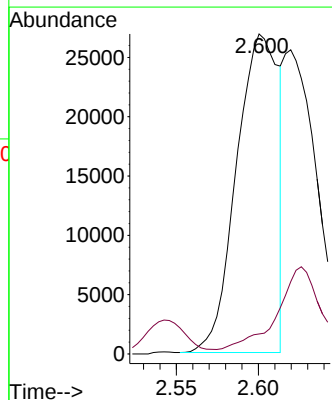
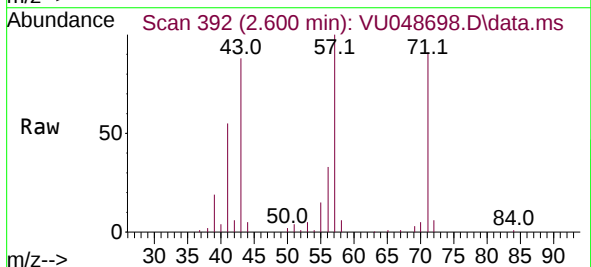
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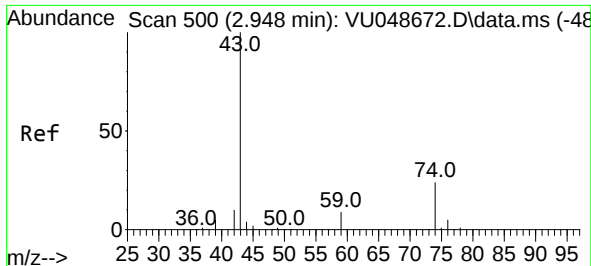
Tgt Ion: 53 Resp: 26440
Ion Ratio Lower Upper
53 100
52 18.7 66.3 99.5#
51 56.5 28.6 42.8#



#16
Acetone
Concen: 28.238 ug/l
RT: 2.600 min Scan# 392
Delta R.T. -0.026 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 43 Resp: 47691
Ion Ratio Lower Upper
43 100
58 0.0 26.3 39.5#

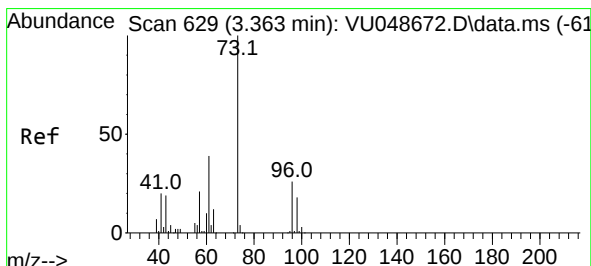
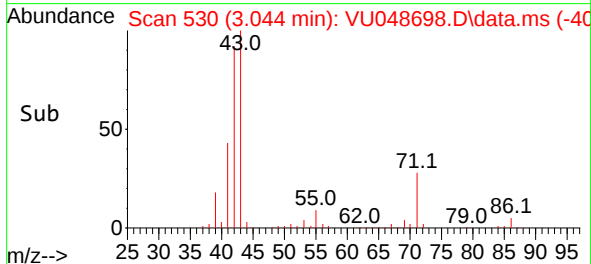
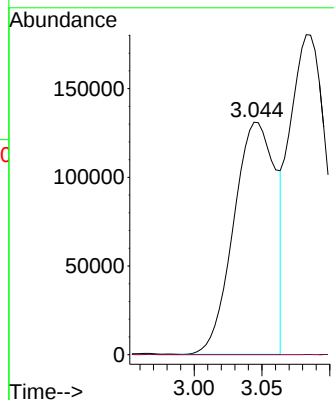
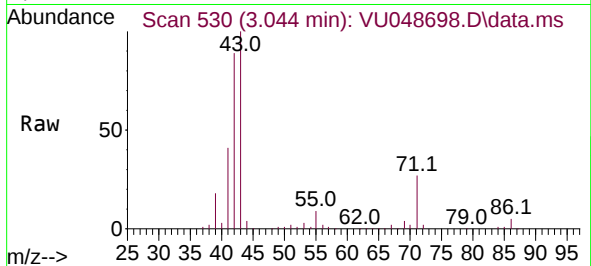




#18
Methyl Acetate
Concen: 66.977 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.096 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

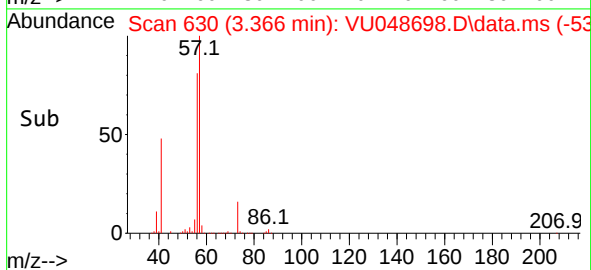
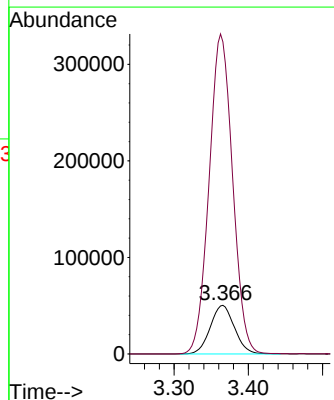
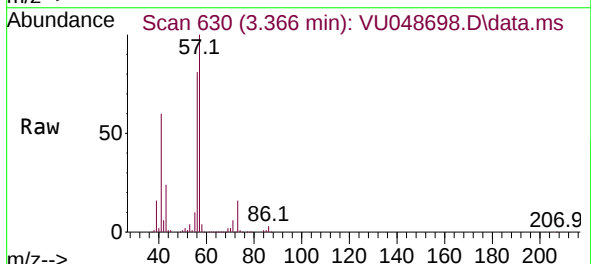
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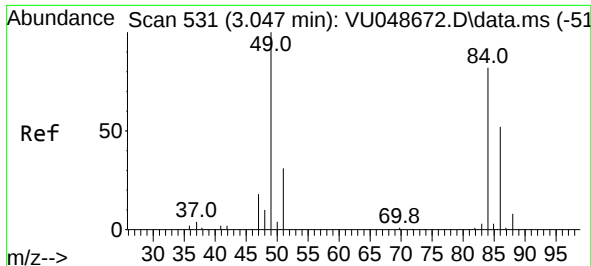
Tgt Ion: 43 Resp: 284005
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#19
Methyl tert-butyl Ether
Concen: 13.383 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 73 Resp: 114047
Ion Ratio Lower Upper
73 100
57 640.3 17.1 25.7#

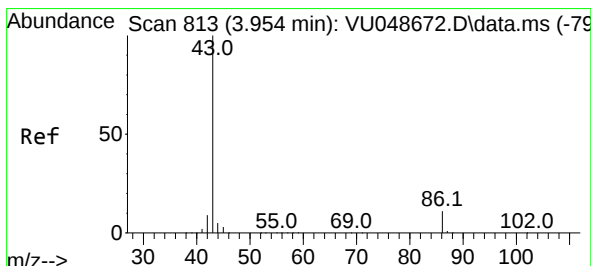
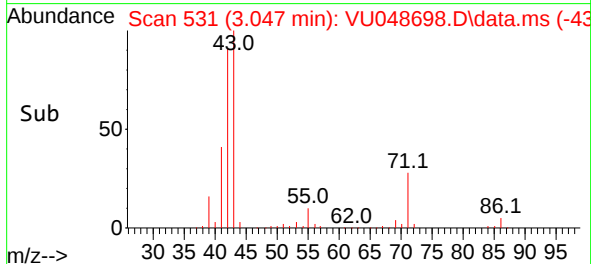
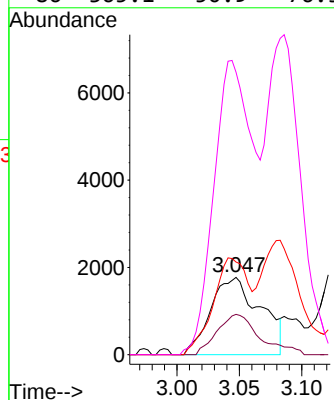
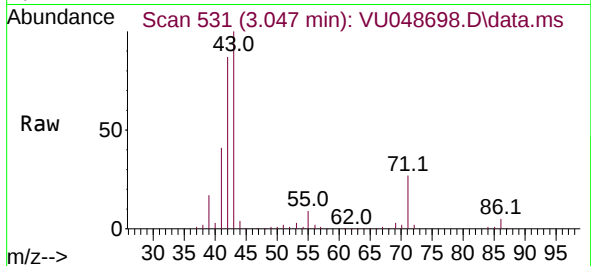




#20
Methylene Chloride
Concen: 1.723 ug/l
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

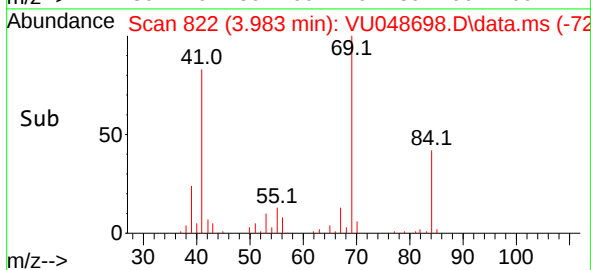
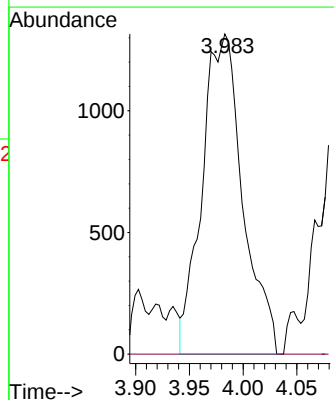
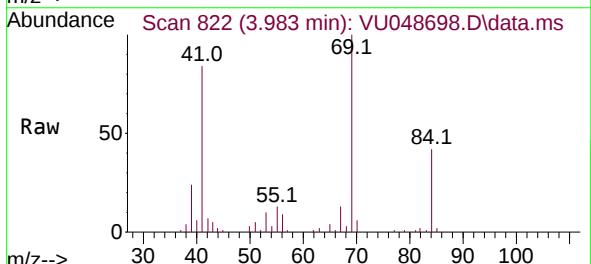
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ClientSampleId :
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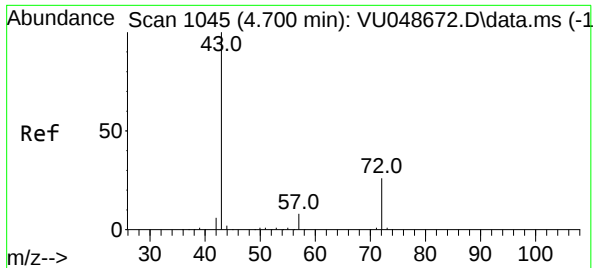
Tgt Ion:	84	Resp:	4948
Ion	Ratio	Lower	Upper
84	100		
49	52.2	97.0	145.4#
51	119.8	29.8	44.8#
86	365.1	50.9	76.3#



#23
Vinyl Acetate
Concen: 0.498 ug/l
RT: 3.983 min Scan# 822
Delta R.T. 0.029 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion:	43	Resp:	3463
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.4	12.6#





#25

2-Butanone

Concen: 10.166 ug/l

RT: 4.706 min Scan# 1047

Delta R.T. 0.006 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

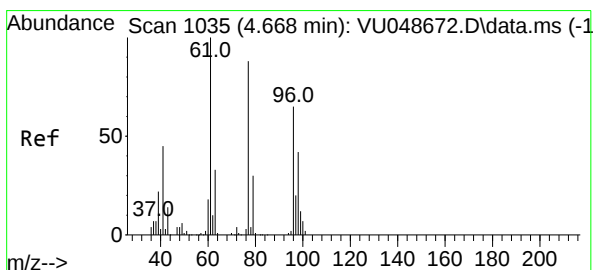
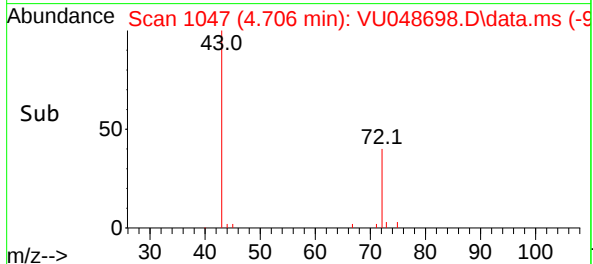
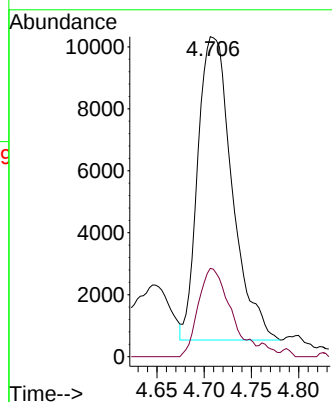
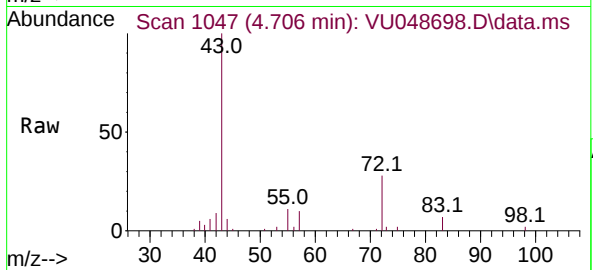
MW-02

Tgt Ion: 43 Resp: 24664

Ion Ratio Lower Upper

43 100

72 29.1 21.1 31.7



#27

cis-1,2-Dichloroethene

Concen: 0.353 ug/l

RT: 4.677 min Scan# 1038

Delta R.T. 0.010 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

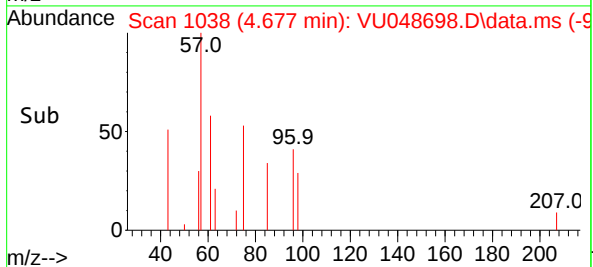
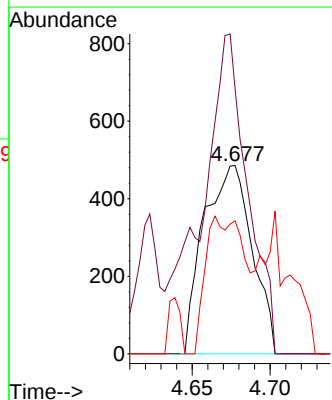
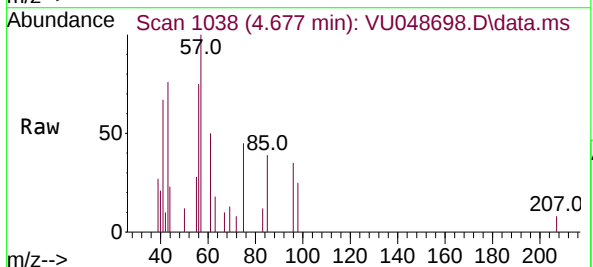
Tgt Ion: 96 Resp: 1050

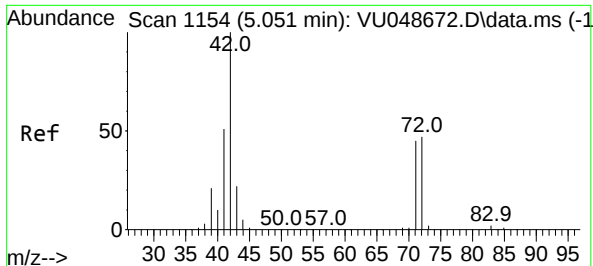
Ion Ratio Lower Upper

96 100

61 160.5 0.0 306.2

98 30.7 0.0 130.4





#29

Tetrahydrofuran

Concen: 0.376 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. 0.013 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

MW-02

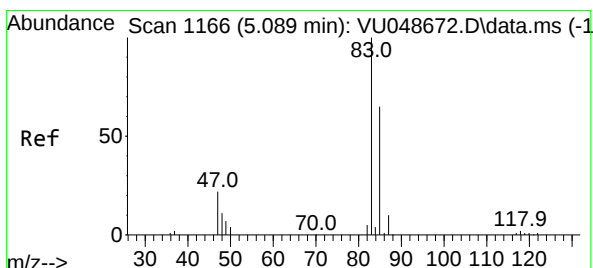
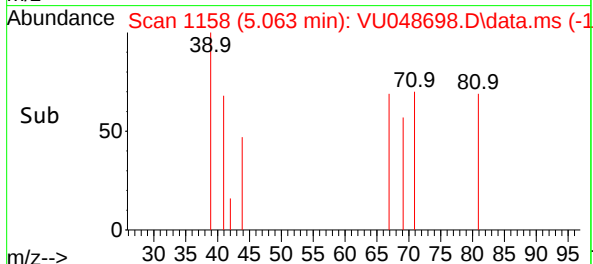
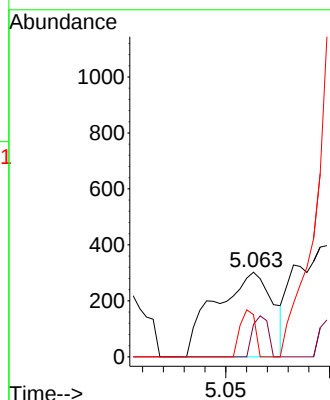
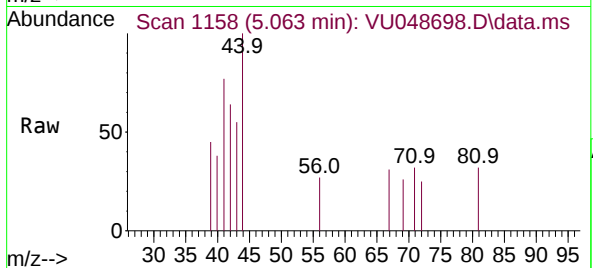
Tgt Ion: 42 Resp: 575

Ion Ratio Lower Upper

42 100

72 13.0 37.6 56.4#

71 0.0 35.0 52.4#



#30

Chloroform

Concen: 5.452 ug/l

RT: 5.128 min Scan# 1178

Delta R.T. 0.038 min

Lab File: VU048698.D

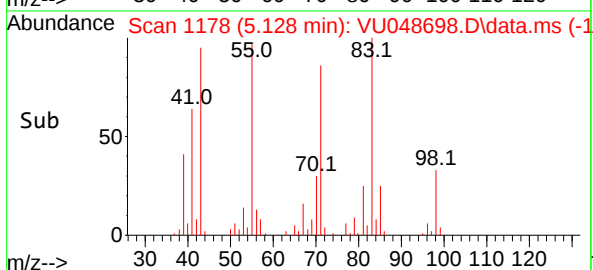
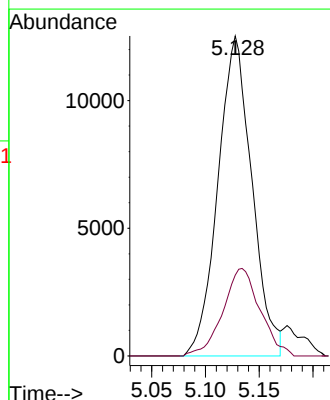
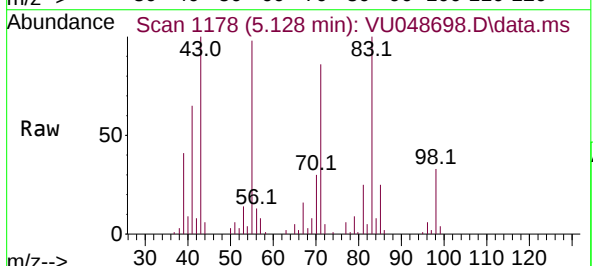
Acq: 27 May 2022 17:02

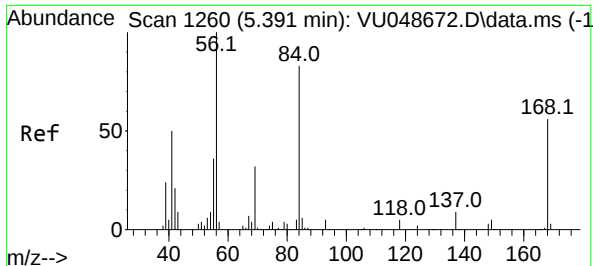
Tgt Ion: 83 Resp: 27490

Ion Ratio Lower Upper

83 100

85 25.2 52.2 78.2#

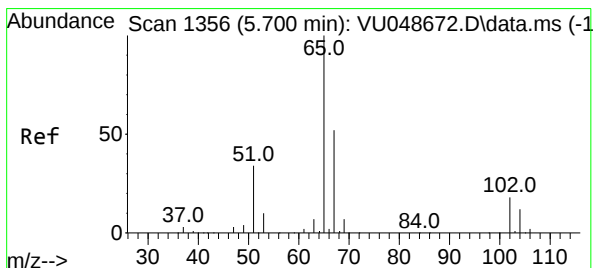
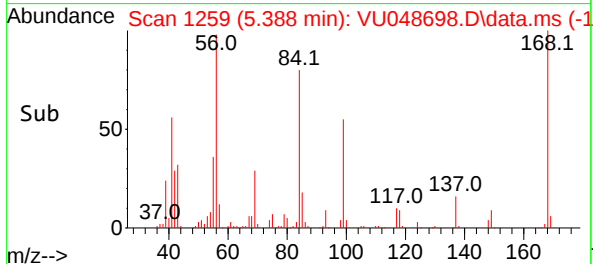
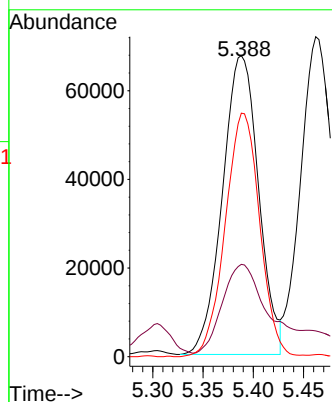
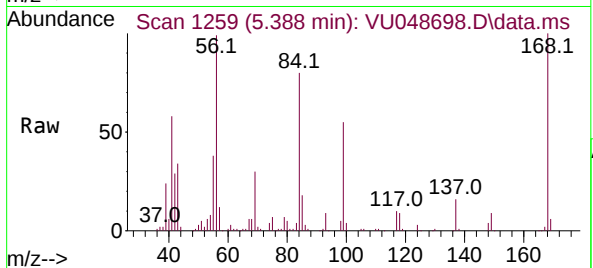




#31
Cyclohexane
Concen: 40.441 ug/l
RT: 5.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

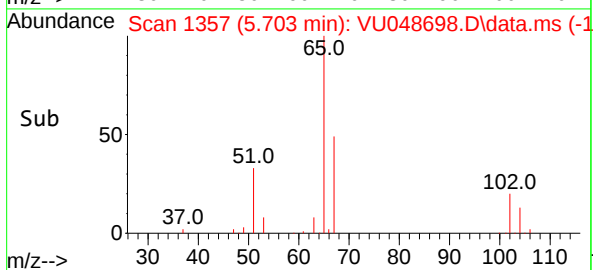
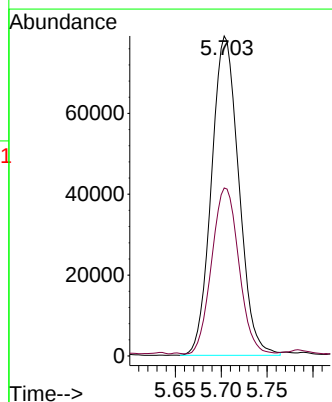
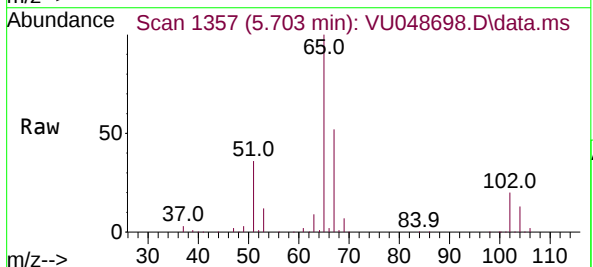
Instrument :
MSVOA_U
ClientSampleId :
MW-02

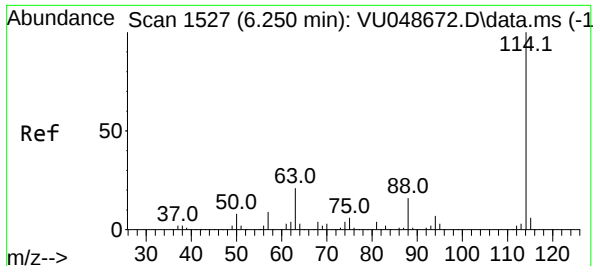
Tgt Ion: 56 Resp: 168896
Ion Ratio Lower Upper
56 100
69 28.0 25.6 38.4
84 81.5 66.2 99.4



#33
1,2-Dichloroethane-d4
Concen: 49.453 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 65 Resp: 163883
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

MW-02

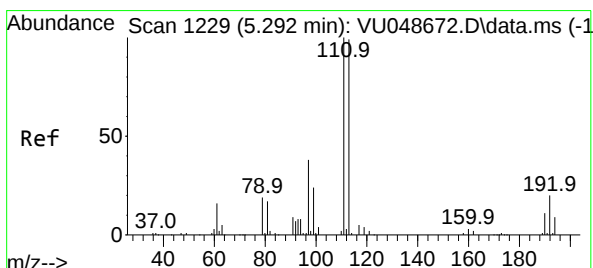
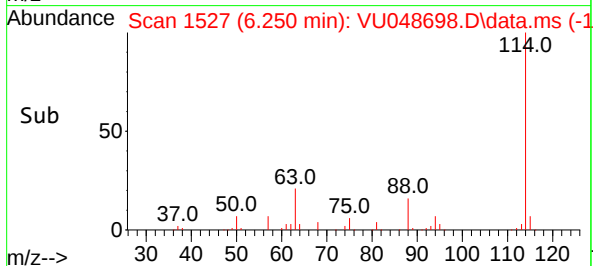
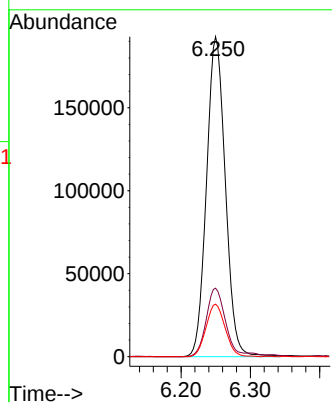
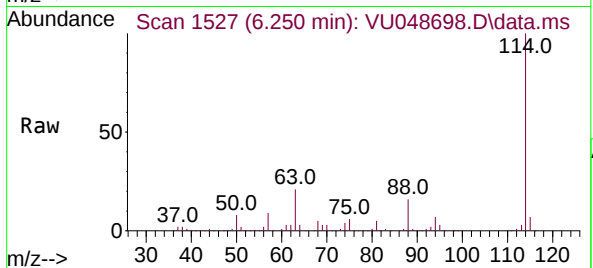
Tgt Ion:114 Resp: 363071

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 54.551 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

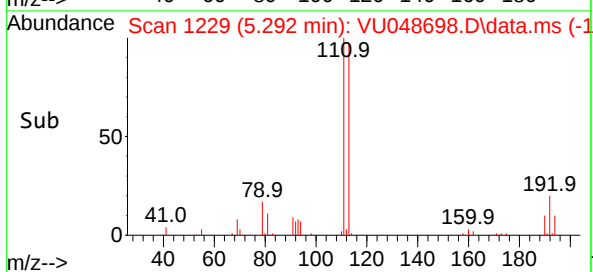
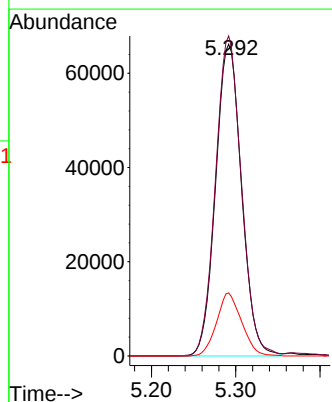
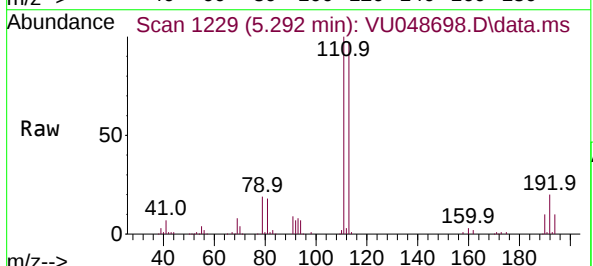
Tgt Ion:113 Resp: 141300

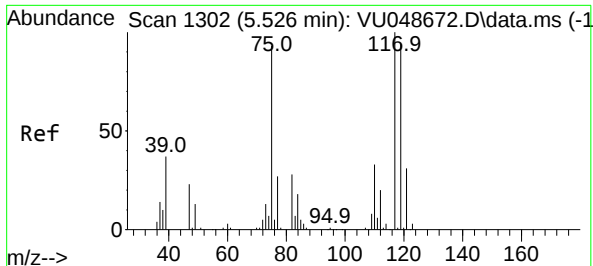
Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

192 19.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.740 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

MW-02

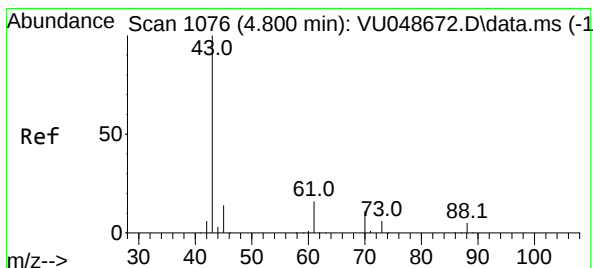
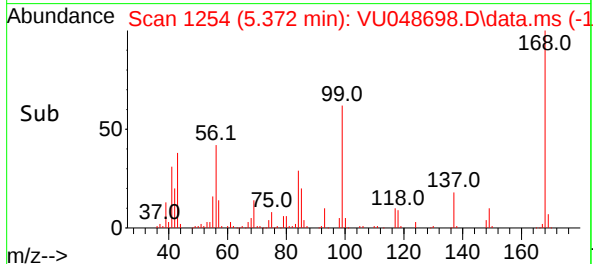
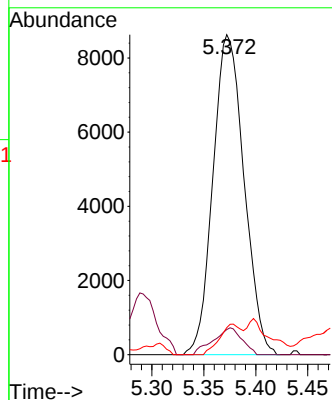
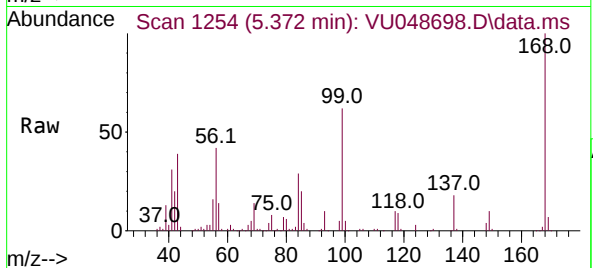
Tgt Ion: 75 Resp: 17919

Ion Ratio Lower Upper

75 100

110 7.7 17.4 52.3#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 5.161 ug/l

RT: 4.706 min Scan# 1047

Delta R.T. -0.093 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

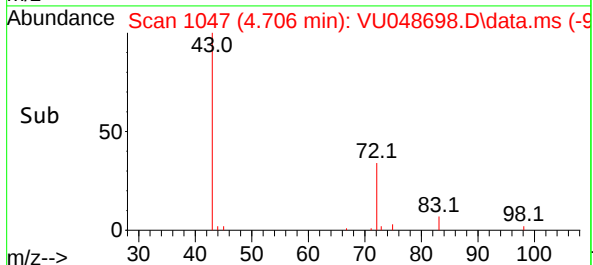
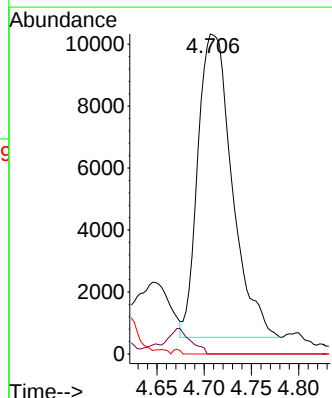
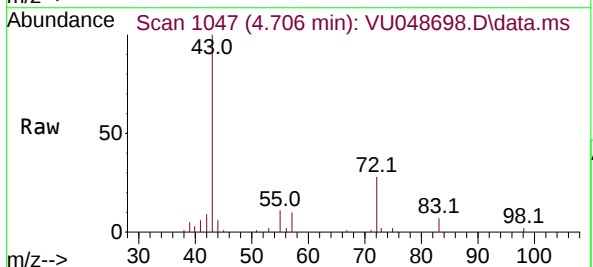
Tgt Ion: 43 Resp: 24664

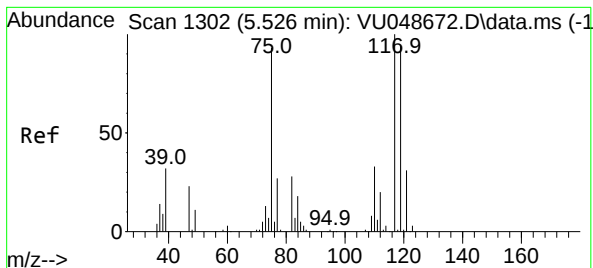
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.976 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.151 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

MW-02

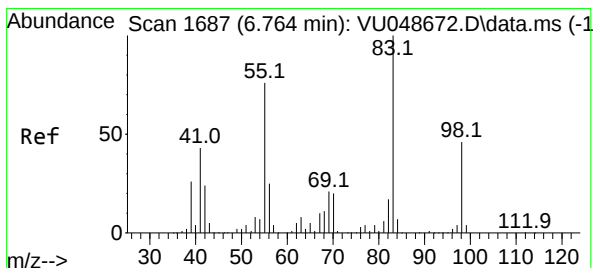
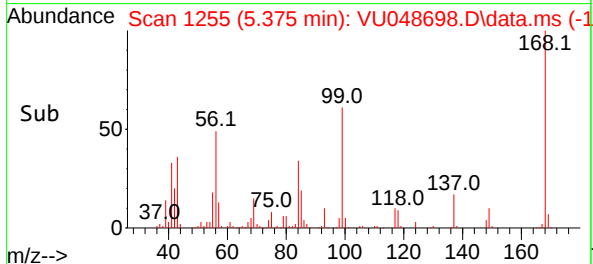
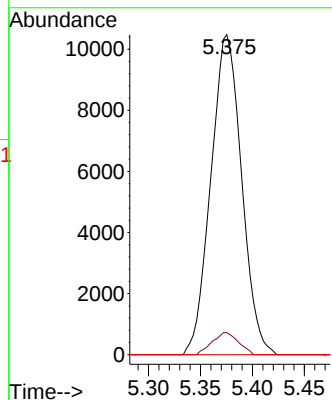
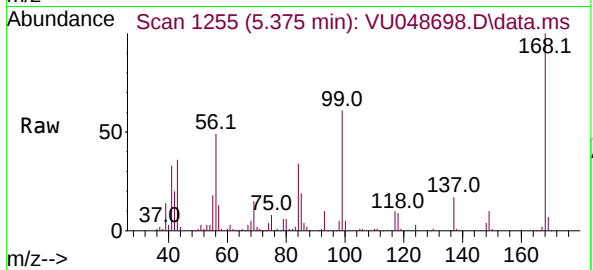
Tgt Ion:117 Resp: 21580

Ion Ratio Lower Upper

117 100

119 6.9 75.4 113.2#

121 0.0 24.6 36.8#



#39

Methylcyclohexane

Concen: 36.558 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

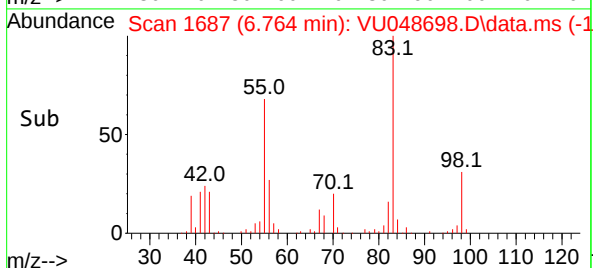
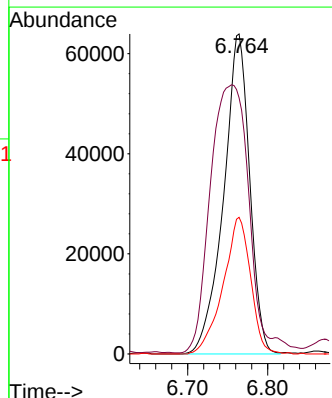
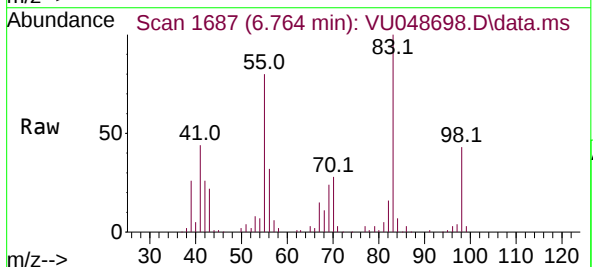
Tgt Ion: 83 Resp: 144911

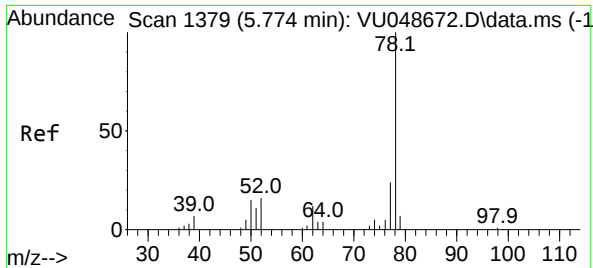
Ion Ratio Lower Upper

83 100

55 79.7 61.0 91.6

98 42.7 36.8 55.2





#40

Benzene

Concen: 225.514 ug/l

RT: 5.777 min Scan# 1135

Delta R.T. 0.003 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

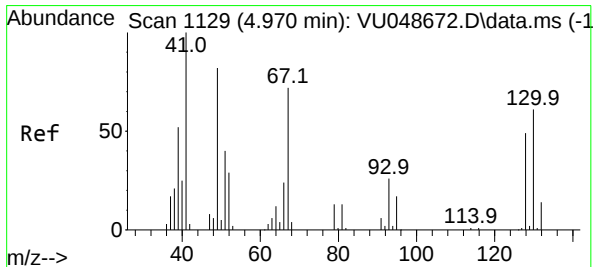
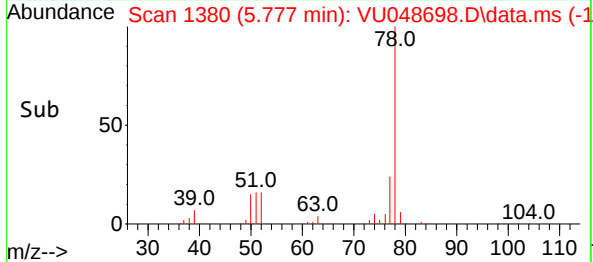
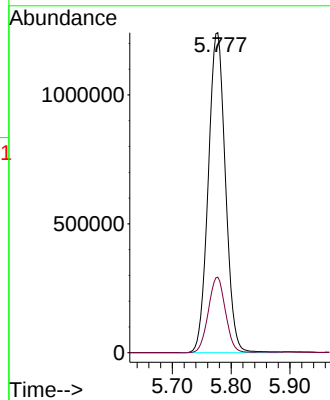
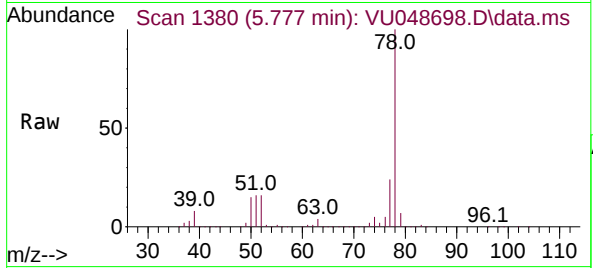
MW-02

Tgt Ion: 78 Resp: 2516916

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



#41

Methacrylonitrile

Concen: 1.173 ug/l

RT: 4.989 min Scan# 1135

Delta R.T. 0.019 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Tgt Ion: 41 Resp: 2833

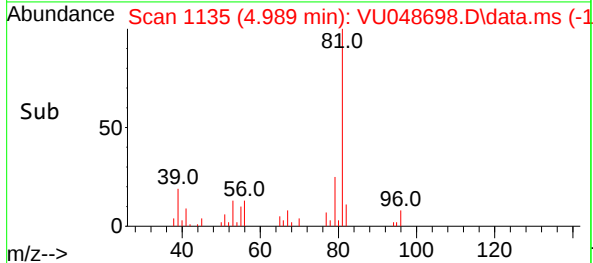
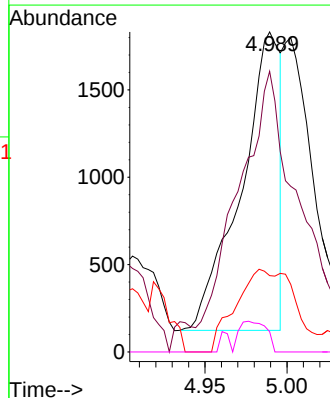
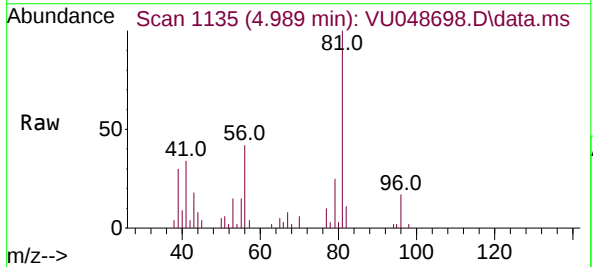
Ion Ratio Lower Upper

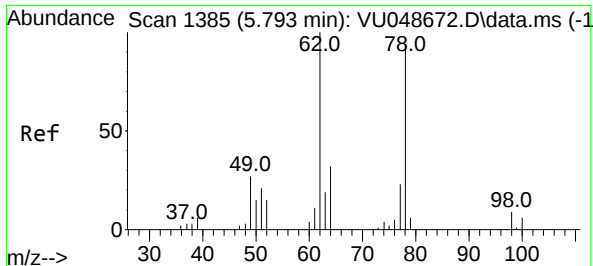
41 100

39 152.5 42.6 64.0#

67 0.0 61.0 91.4#

52 7.2 24.2 36.4#





#42

1,2-Dichloroethane

Concen: 5.084 ug/l

RT: 5.774 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

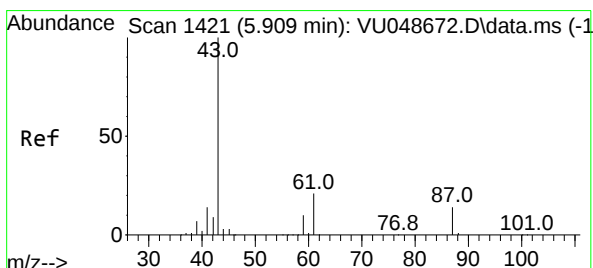
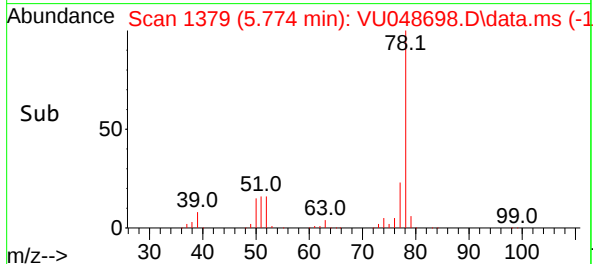
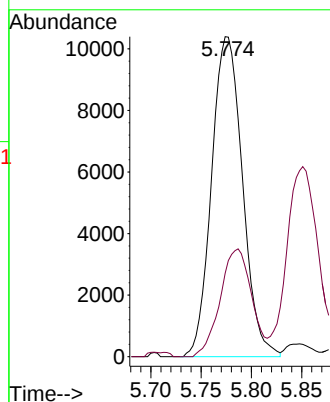
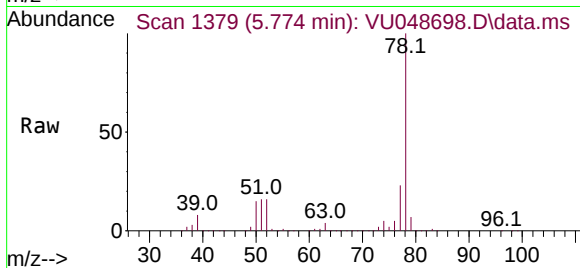
MW-02

Tgt Ion: 62 Resp: 22213

Ion Ratio Lower Upper

62 100

98 34.4 0.0 17.0#



#43

Isopropyl Acetate

Concen: 19.620 ug/l

RT: 5.941 min Scan# 1431

Delta R.T. 0.032 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

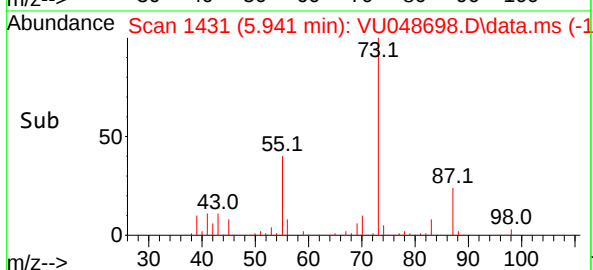
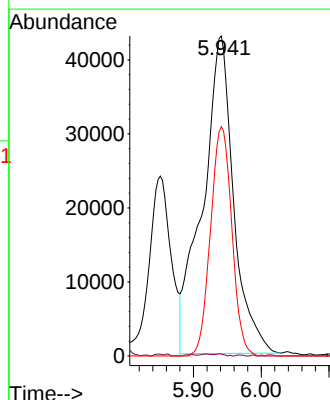
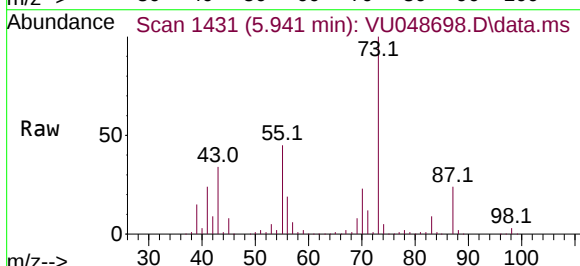
Tgt Ion: 43 Resp: 136093

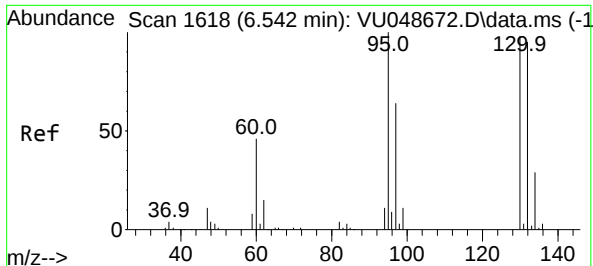
Ion Ratio Lower Upper

43 100

61 0.0 16.7 25.1#

87 49.6 10.9 16.3#

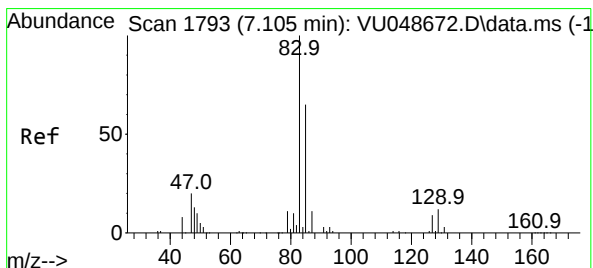
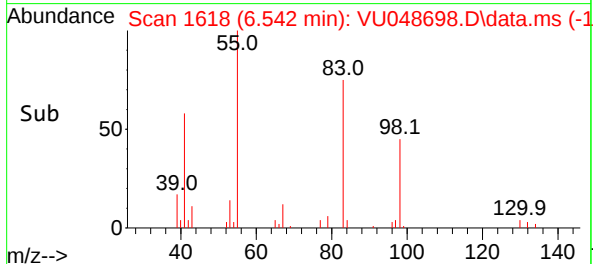
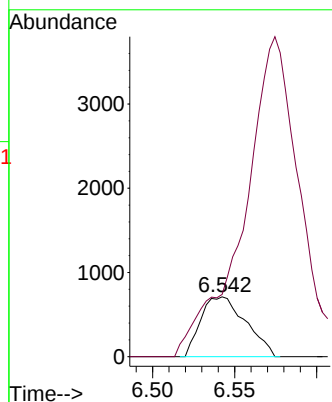
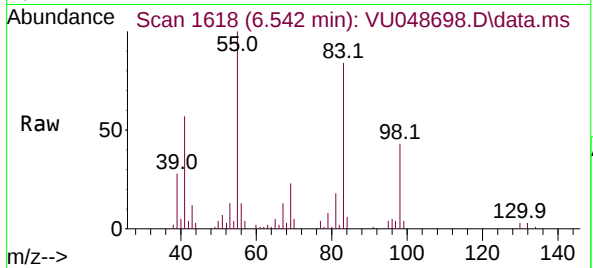




#44
 Trichloroethene
 Concen: 0.471 ug/l
 RT: 6.542 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU048698.D
 Acq: 27 May 2022 17:02

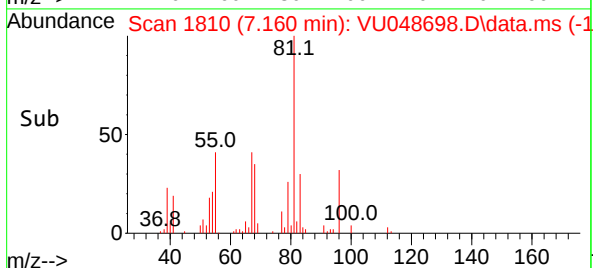
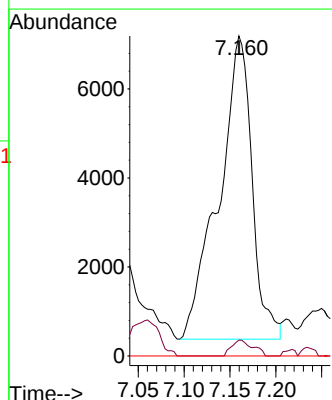
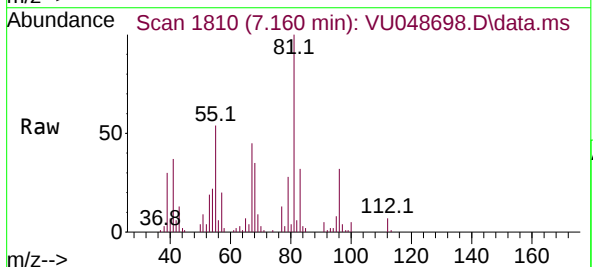
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02

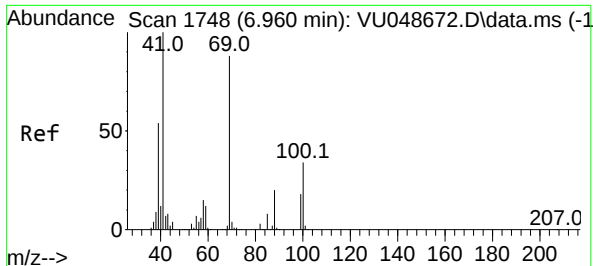
Tgt Ion:130 Resp: 1353
 Ion Ratio Lower Upper
 130 100
 95 83.1 0.0 204.8



#47
 Bromodichloromethane
 Concen: 4.046 ug/l
 RT: 7.160 min Scan# 1810
 Delta R.T. 0.055 min
 Lab File: VU048698.D
 Acq: 27 May 2022 17:02

Tgt Ion: 83 Resp: 17176
 Ion Ratio Lower Upper
 83 100
 85 5.2 52.1 78.1#
 127 0.0 6.9 10.3#





#48

Methyl methacrylate

Concen: 6.192 ug/l

RT: 6.983 min Scan# 1

Delta R.T. 0.022 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

MW-02

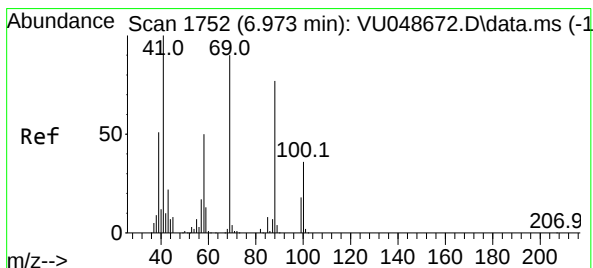
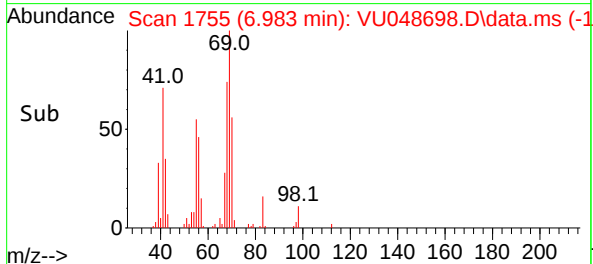
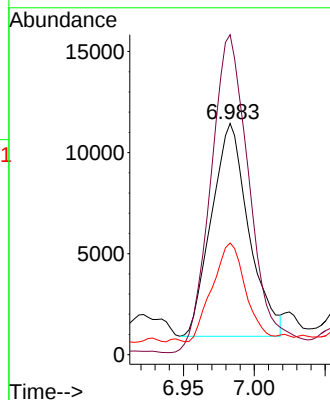
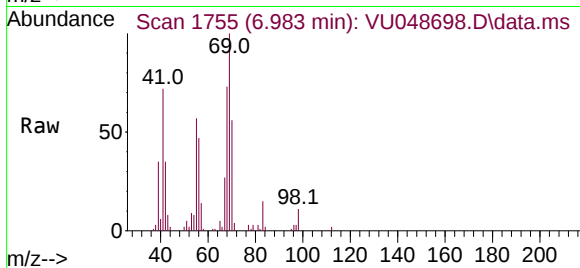
Tgt Ion: 41 Resp: 19281

Ion Ratio Lower Upper

41 100

69 158.0 70.7 106.1#

39 41.8 43.4 65.2#



#49

1,4-Dioxane

Concen: 0.287 ug/l

RT: 6.989 min Scan# 1757

Delta R.T. 0.016 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

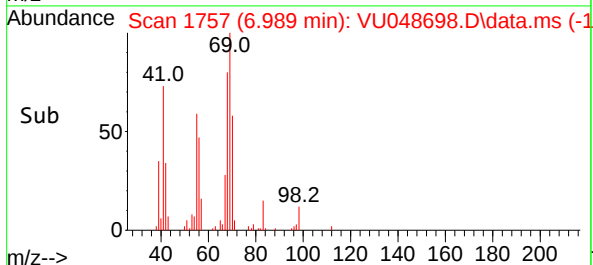
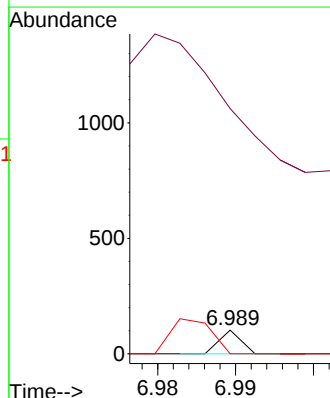
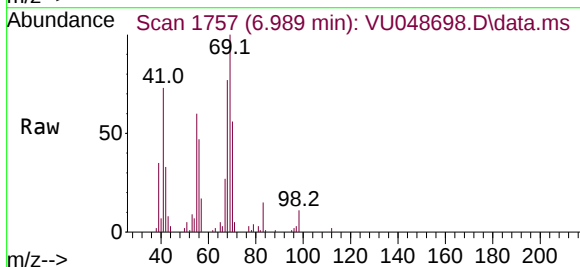
Tgt Ion: 88 Resp: 20

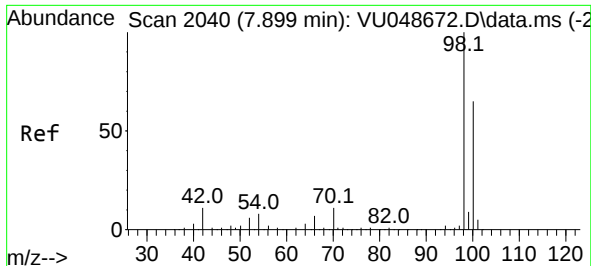
Ion Ratio Lower Upper

88 100

43 8500.0 24.6 36.8#

58 275.0 54.7 82.1#

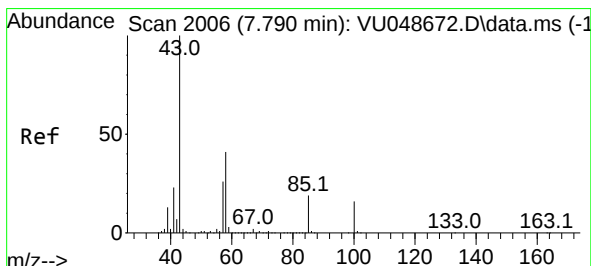
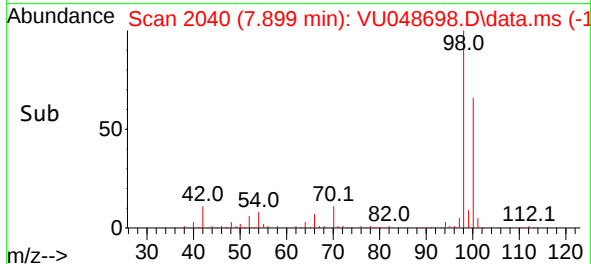
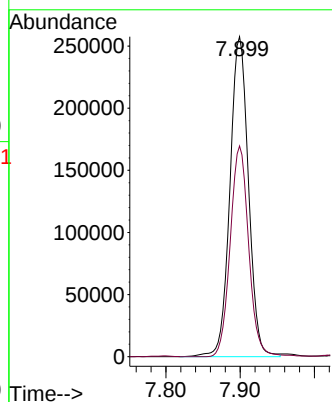
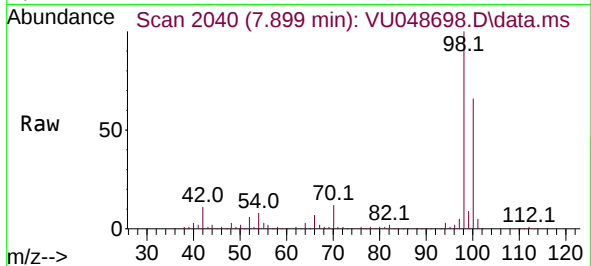




#50
Toluene-d8
Concen: 47.955 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

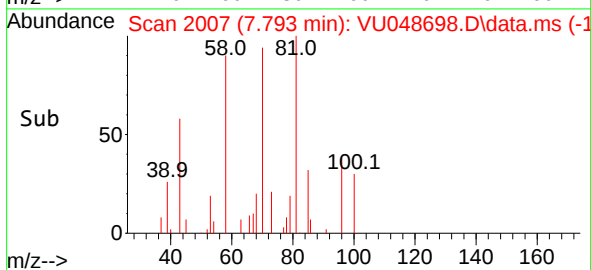
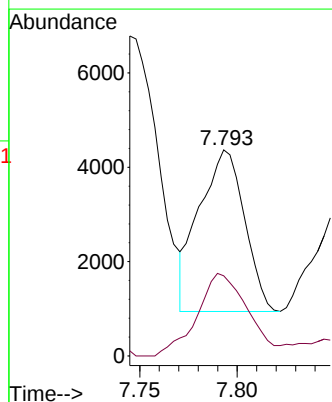
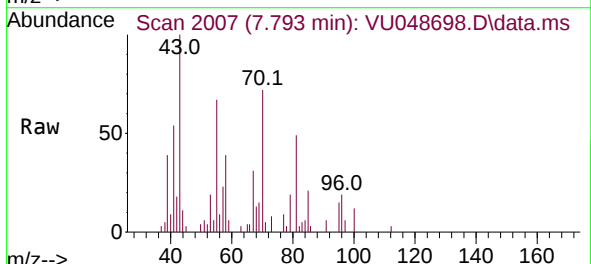
Instrument :
MSVOA_U
ClientSampleId :
MW-02

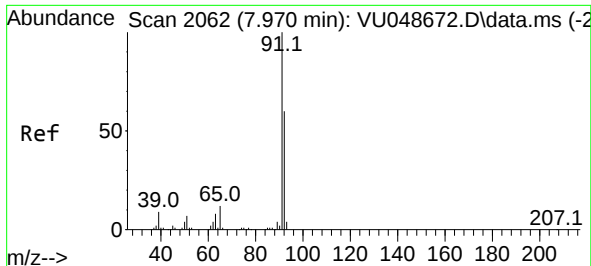
Tgt Ion: 98 Resp: 445268
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.230 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 43 Resp: 5541
Ion Ratio Lower Upper
43 100
58 56.8 32.7 49.1#

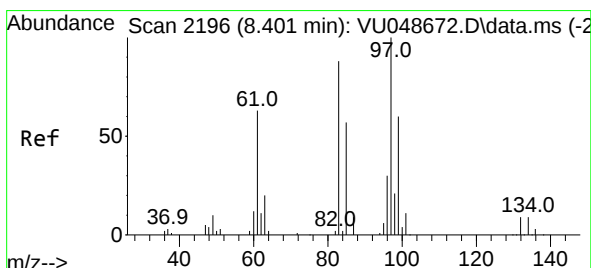
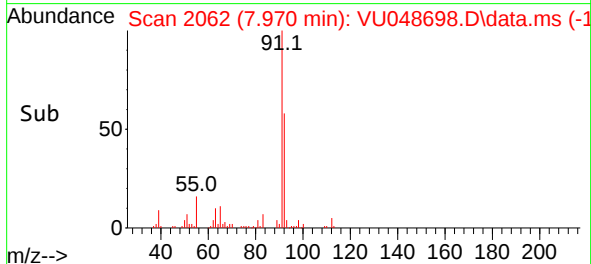
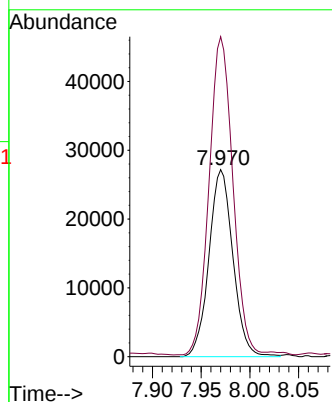
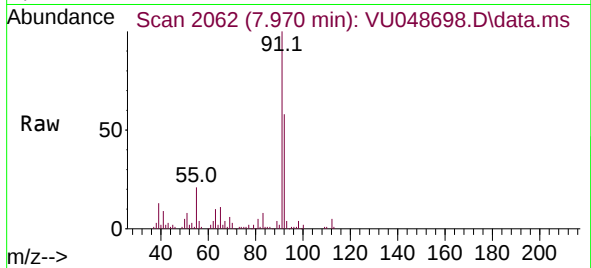




#52
Toluene
Concen: 6.960 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

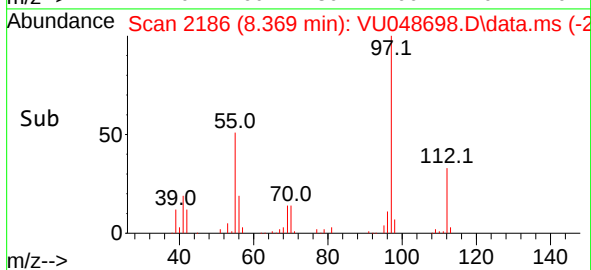
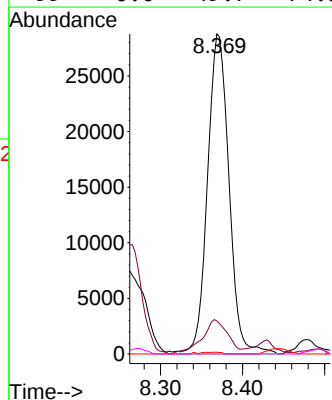
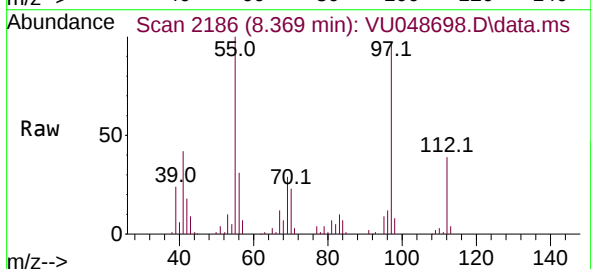
Instrument :
MSVOA_U
ClientSampleId :
MW-02

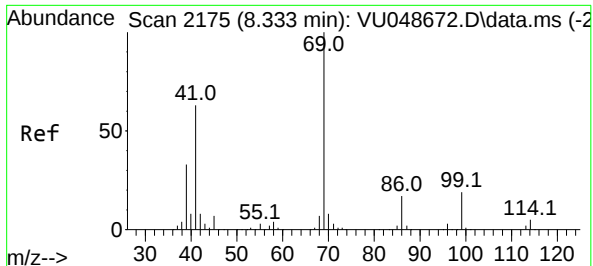
Tgt Ion: 92 Resp: 46467
Ion Ratio Lower Upper
92 100
91 168.3 135.0 202.4



#55
1,1,2-Trichloroethane
Concen: 17.744 ug/l
RT: 8.369 min Scan# 2186
Delta R.T. -0.032 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 97 Resp: 52279
Ion Ratio Lower Upper
97 100
83 9.4 70.2 105.4#
85 0.5 45.6 68.4#
99 0.0 49.7 74.5#

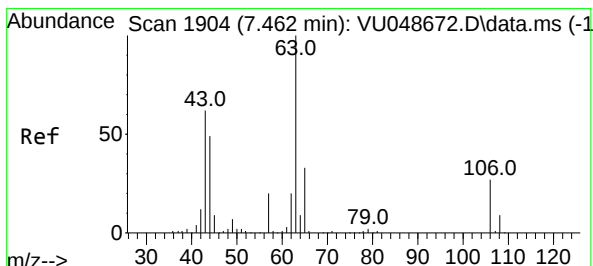
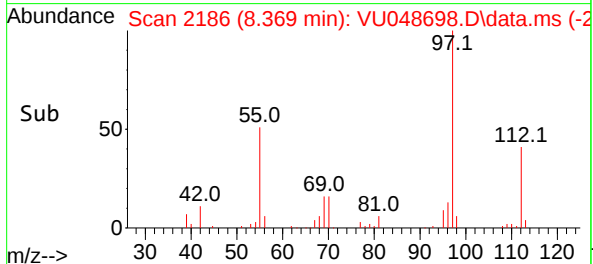
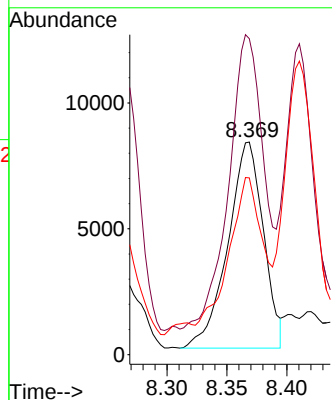
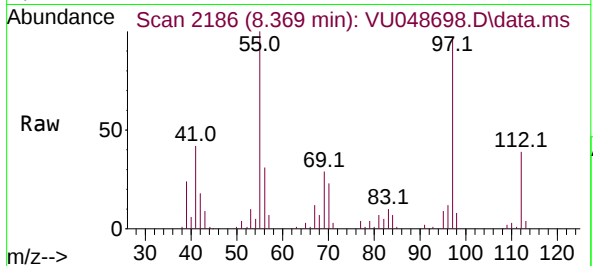




#56
Ethyl methacrylate
Concen: 6.041 ug/l
RT: 8.369 min Scan# 2175
Delta R.T. 0.036 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

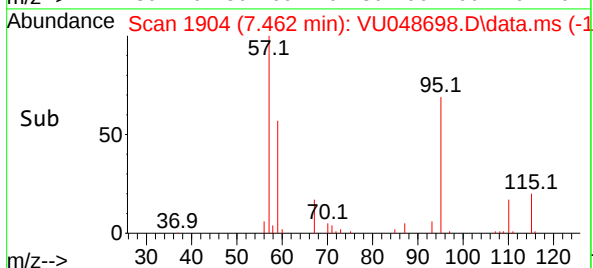
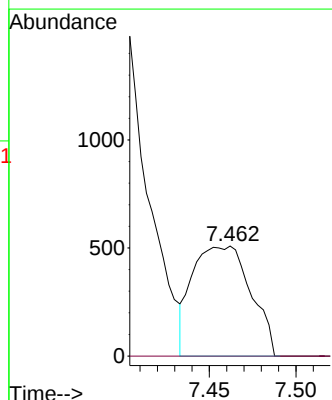
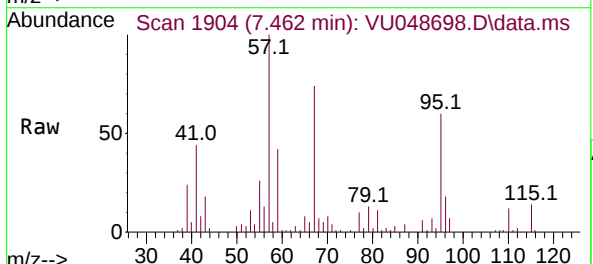
Instrument :
MSVOA_U
ClientSampleId :
MW-02

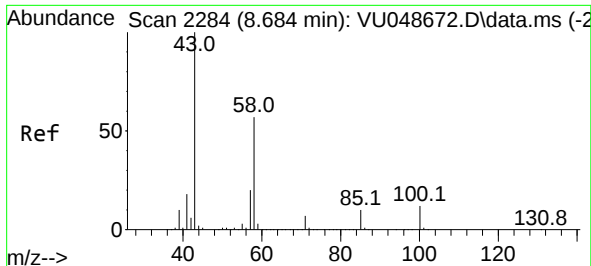
Tgt Ion: 69 Resp: 16841
Ion Ratio Lower Upper
69 100
41 141.9 50.6 76.0#
39 65.3 26.6 40.0#



#58
2-Chloroethyl Vinyl ether
Concen: 30.751 ug/l
RT: 7.462 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 63 Resp: 1187
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#

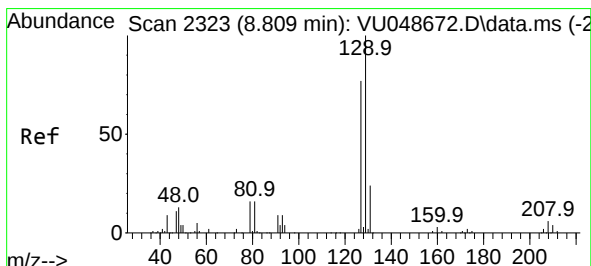
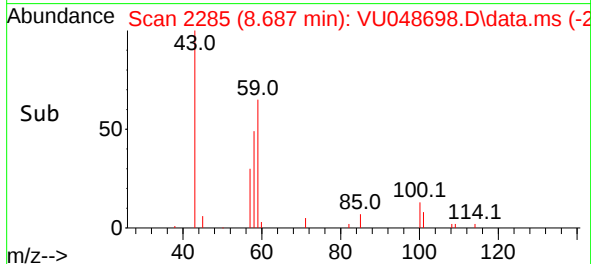
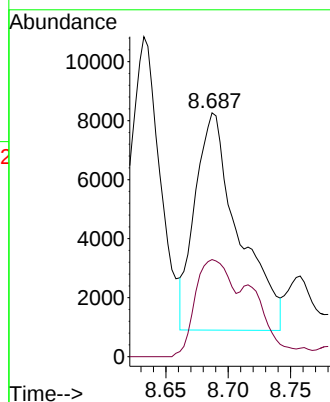
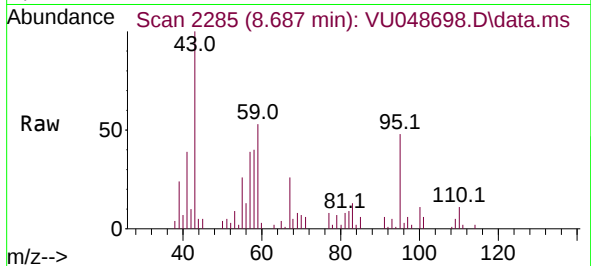




#59
2-Hexanone
Concen: 4.827 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

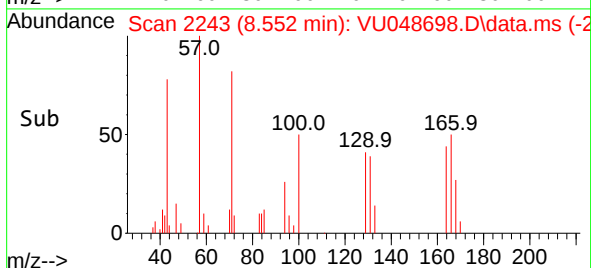
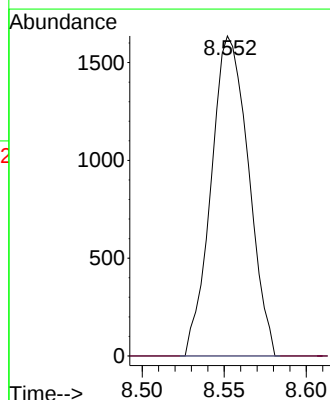
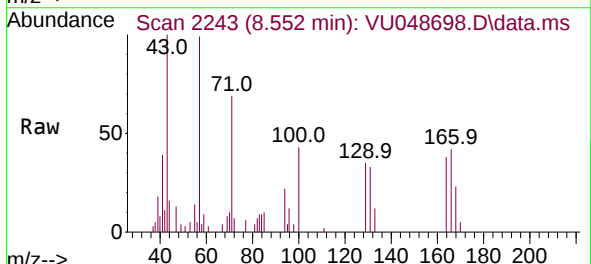
Instrument :
MSVOA_U
ClientSampleId :
MW-02

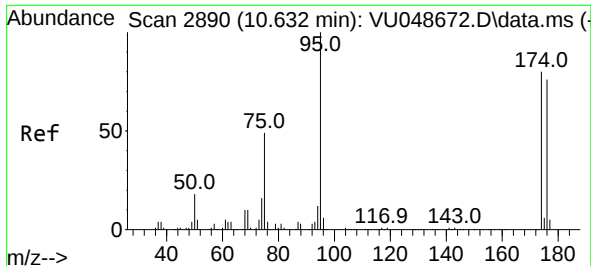
Tgt Ion: 43 Resp: 17850
Ion Ratio Lower Upper
43 100
58 36.8 28.2 84.6



#60
Dibromochloromethane
Concen: 0.782 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 129 Resp: 2583
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

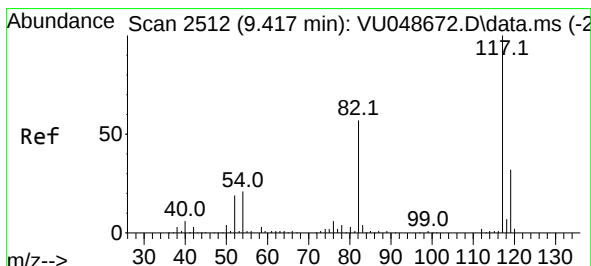
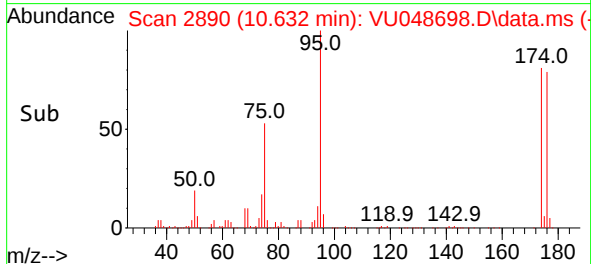
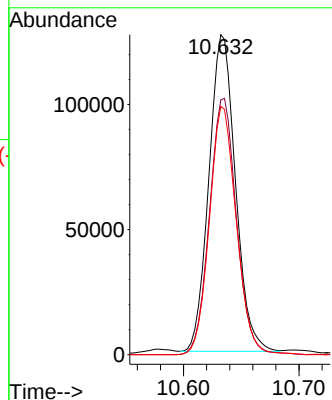
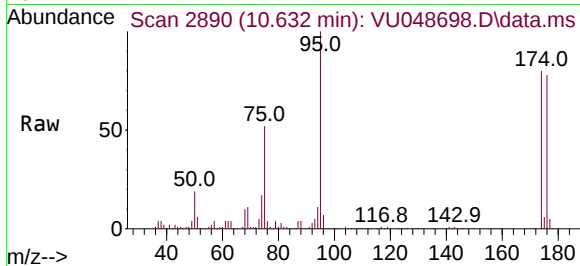




#62
4-Bromofluorobenzene
Concen: 57.579 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

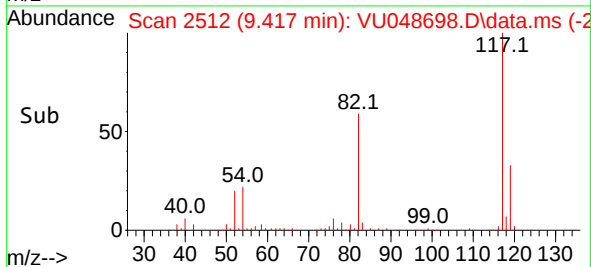
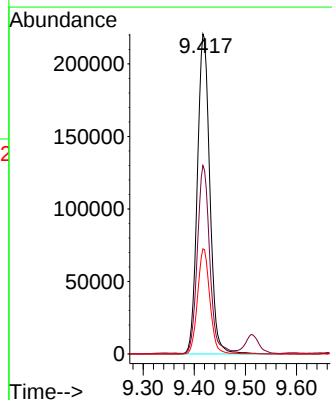
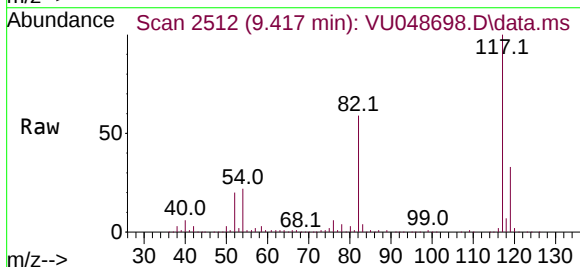
Instrument : MSVOA_U
ClientSampleId : MW-02

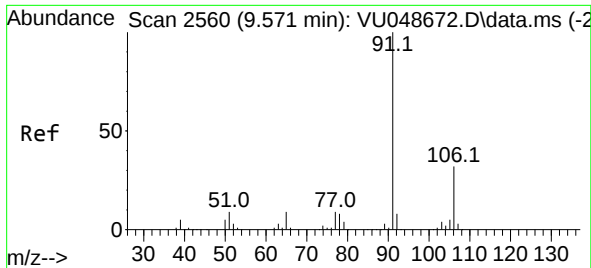
Tgt Ion: 95 Resp: 202191
Ion Ratio Lower Upper
95 100
174 82.3 0.0 159.4
176 79.4 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 117 Resp: 373833
Ion Ratio Lower Upper
117 100
82 58.8 45.3 67.9
119 32.8 25.4 38.2

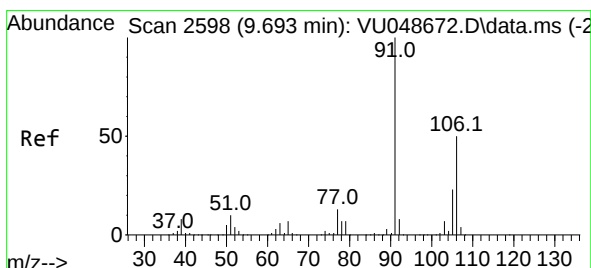
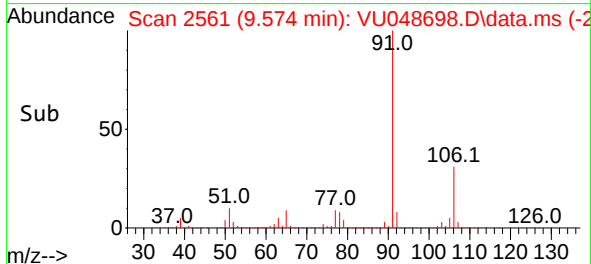
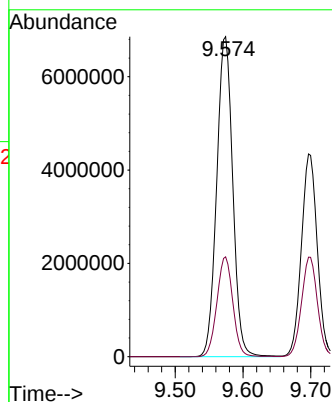
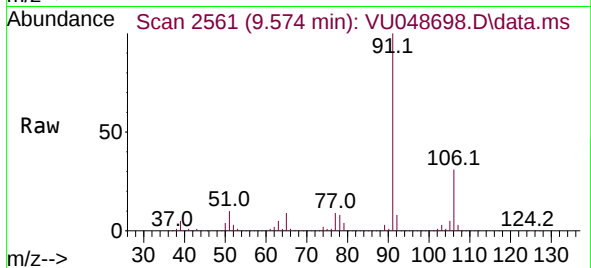




#67
Ethyl Benzene
Concen: 844.157 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

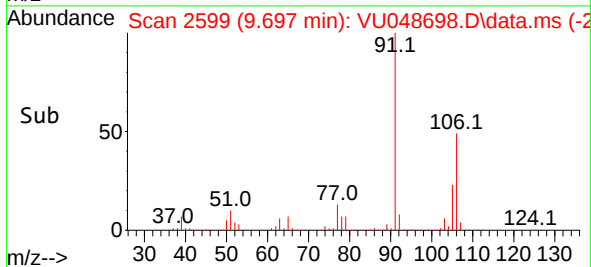
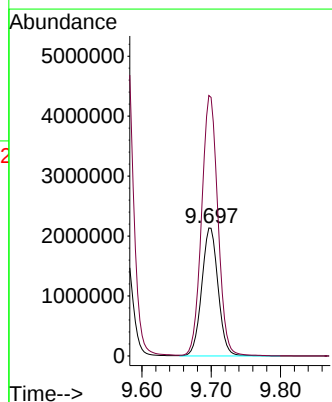
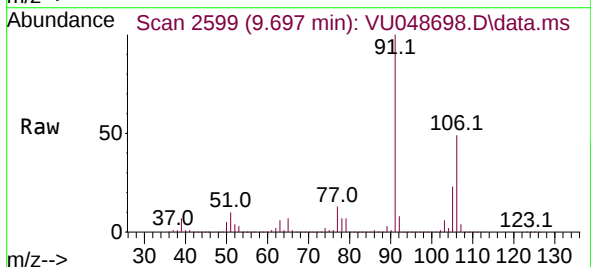
Instrument :
MSVOA_U
ClientSampleId :
MW-02

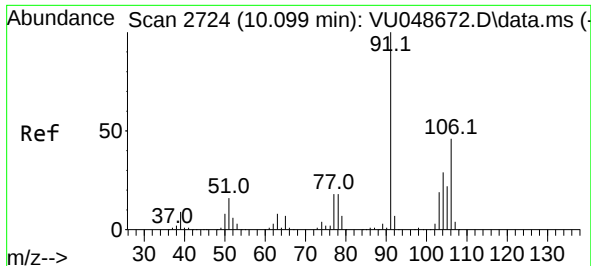
Tgt Ion: 91 Resp:11257082
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2



#68
m/p-Xylenes
Concen: 669.576 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion:106 Resp: 3492225
Ion Ratio Lower Upper
106 100
91 203.4 162.4 243.6





#69

o-Xylene

Concen: 52.359 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

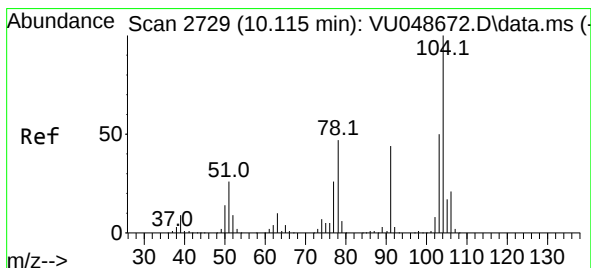
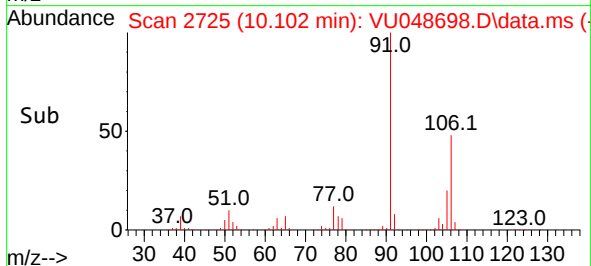
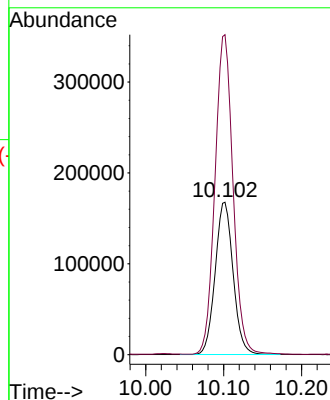
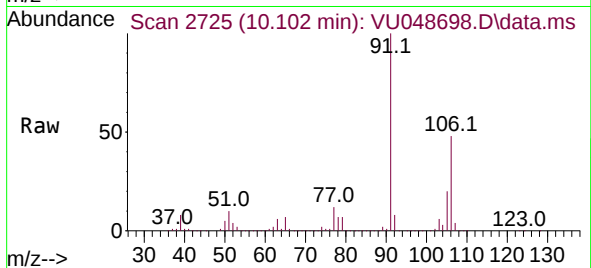
MW-02

Tgt Ion:106 Resp: 268289

Ion Ratio Lower Upper

106 100

91 210.7 107.7 323.3



#70

Styrene

Concen: 2.012 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. -0.013 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

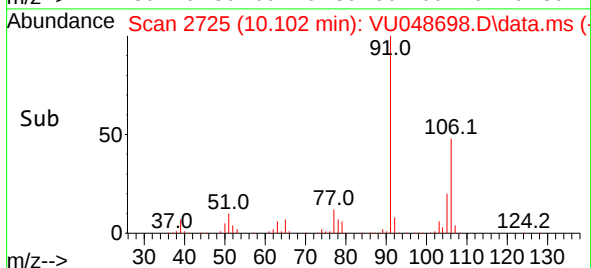
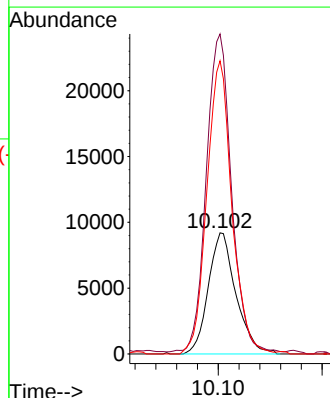
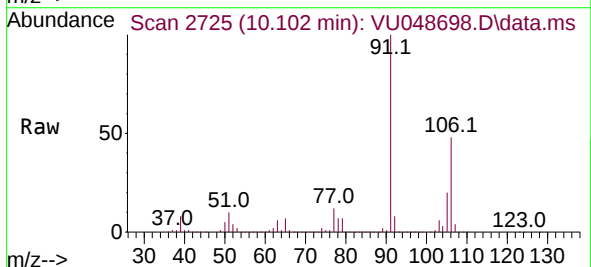
Tgt Ion:104 Resp: 16956

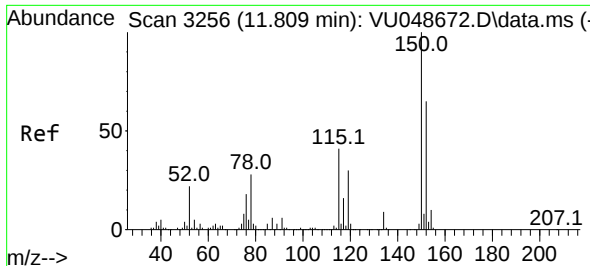
Ion Ratio Lower Upper

104 100

78 238.2 41.2 61.8#

103 220.0 43.4 65.2#

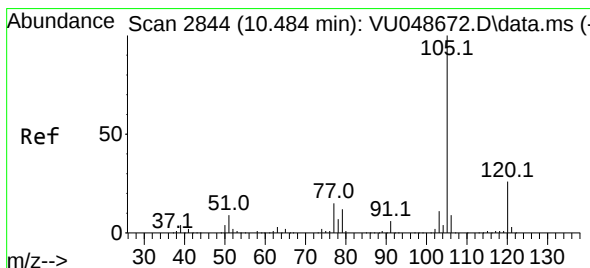
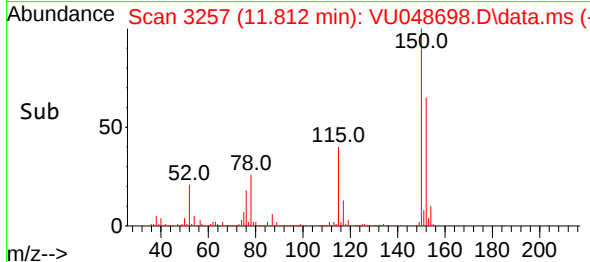
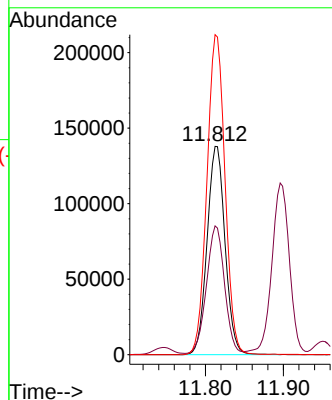
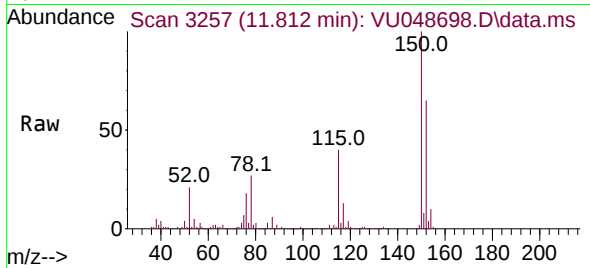




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

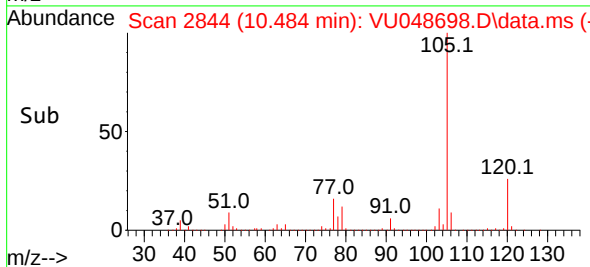
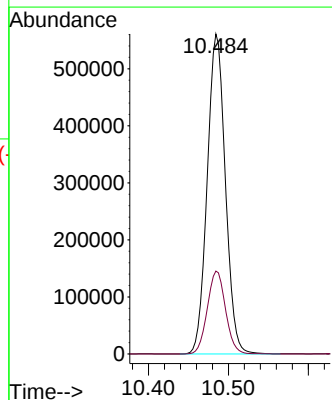
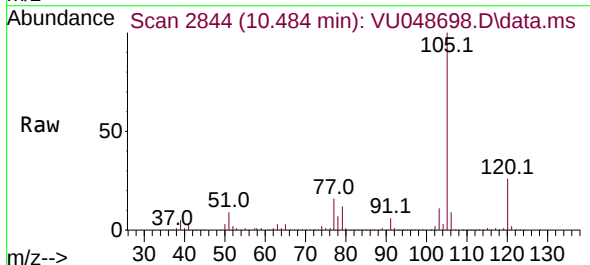
Instrument :
MSVOA_U
ClientSampleId :
MW-02

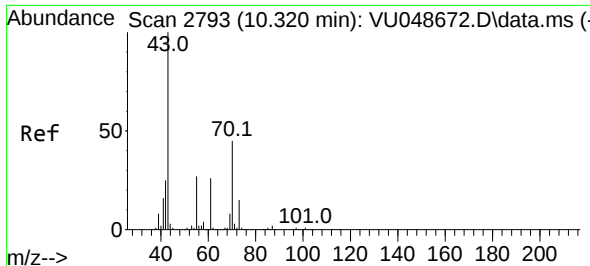
Tgt Ion:152 Resp: 220895
Ion Ratio Lower Upper
152 100
115 60.9 41.8 125.4
150 154.2 0.0 341.0



#73
Isopropylbenzene
Concen: 62.123 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion:105 Resp: 885926
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

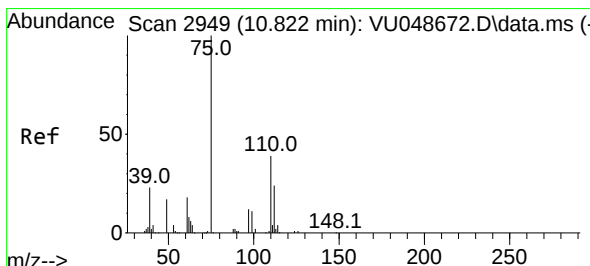
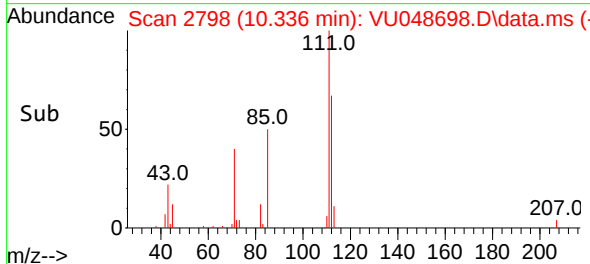
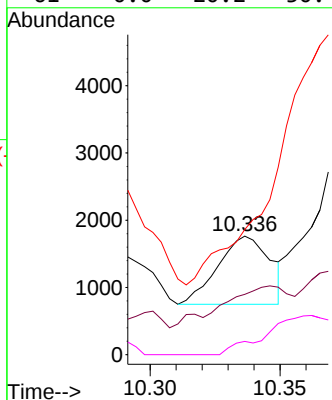
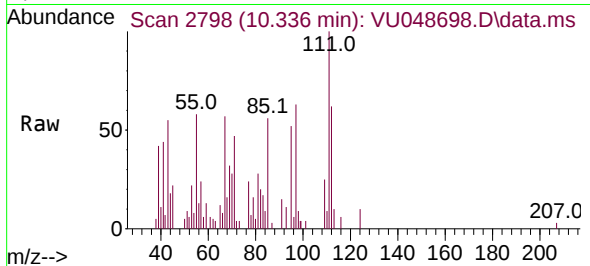




#74
N-amy1 acetate
Concen: 2.653 ug/l
RT: 10.336 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

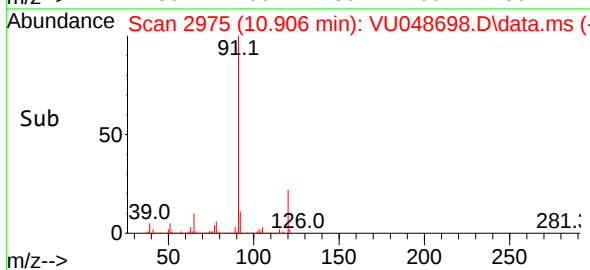
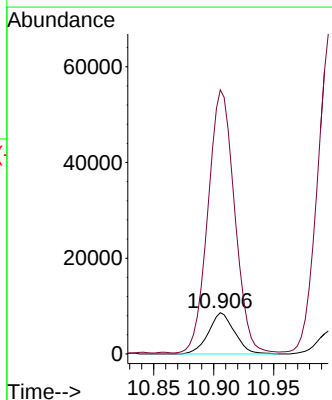
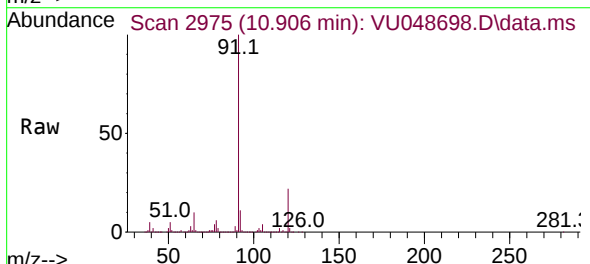
Instrument :
MSVOA_U
ClientSampleId :
MW-02

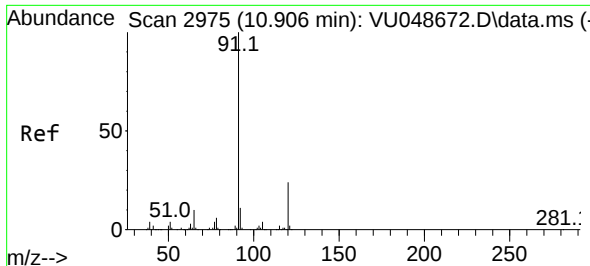
Tgt Ion: 43	Resp: 1411
Ion Ratio	Lower Upper
43 100	
70 85.4	35.8 53.6#
55 0.0	21.1 31.7#
61 0.0	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 1.819 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.084 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 75	Resp: 12953
Ion Ratio	Lower Upper
75 100	
77 653.7	14.8 44.3#

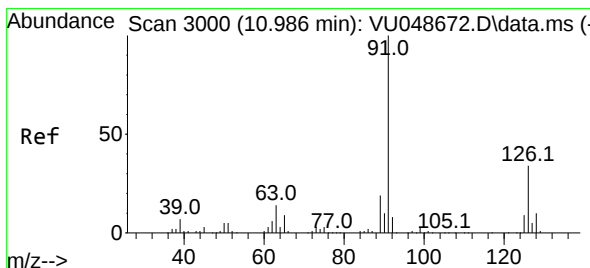
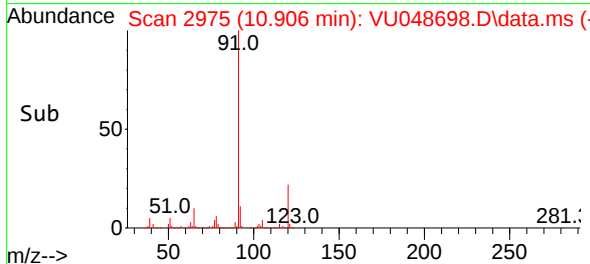
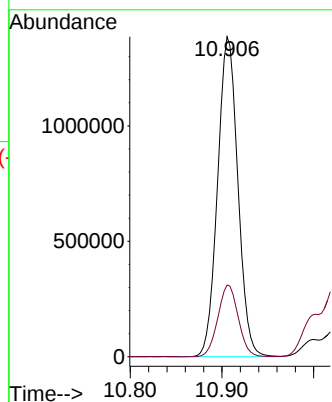
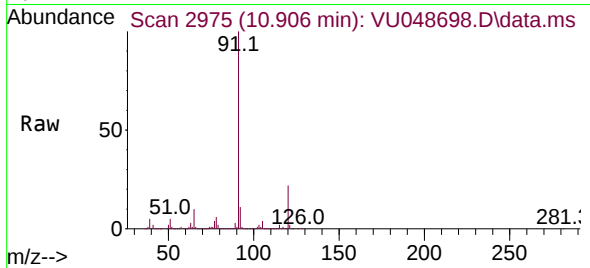




#78
n-propylbenzene
Concen: 125.191 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

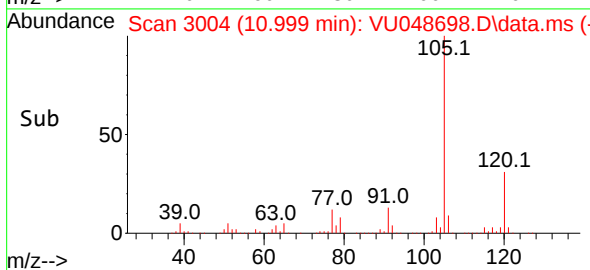
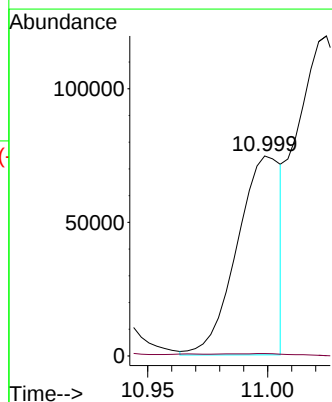
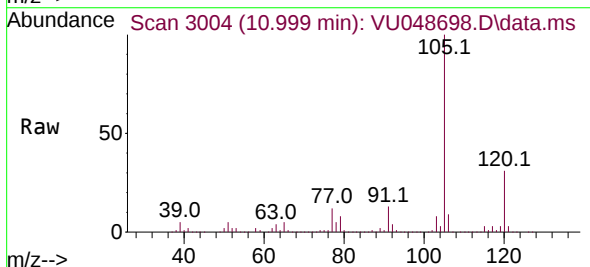
Instrument :
MSVOA_U
ClientSampleId :
MW-02

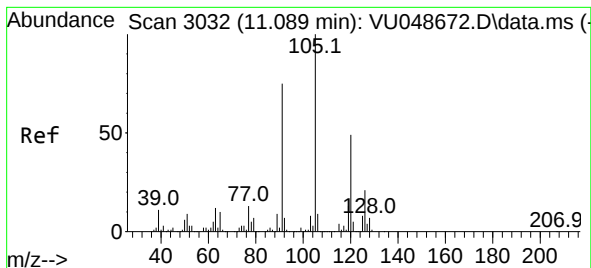
Tgt Ion: 91 Resp: 2127373
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7



#79
2-Chlorotoluene
Concen: 8.930 ug/l
RT: 10.999 min Scan# 3004
Delta R.T. 0.013 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 91 Resp: 94366
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#





#80

1,3,5-Trimethylbenzene

Concen: 160.274 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

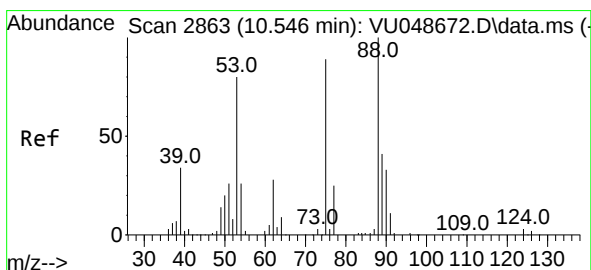
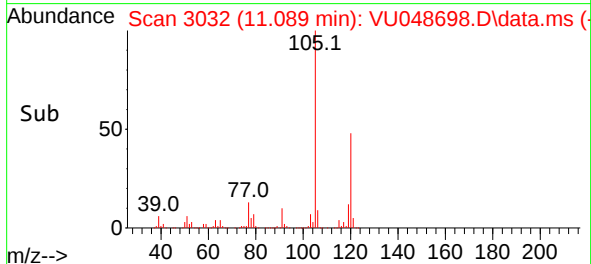
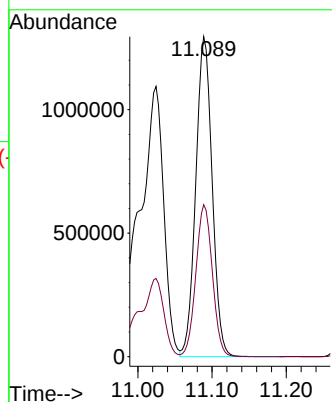
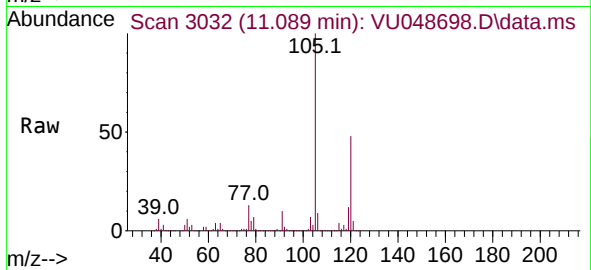
MW-02

Tgt Ion:105 Resp: 1987662

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 5.479 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. -0.061 min

Lab File: VU048698.D

Acq: 27 May 2022 17:02

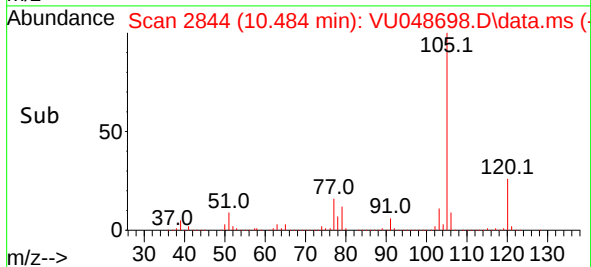
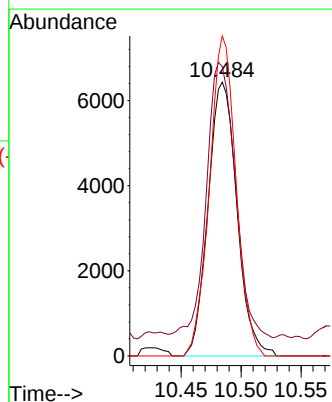
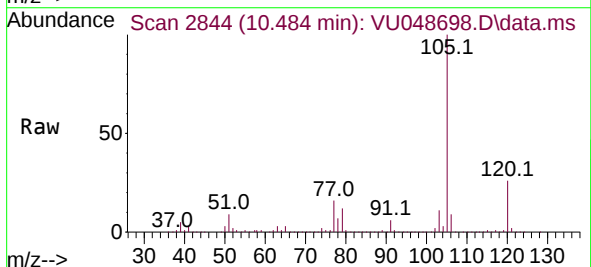
Tgt Ion: 75 Resp: 10748

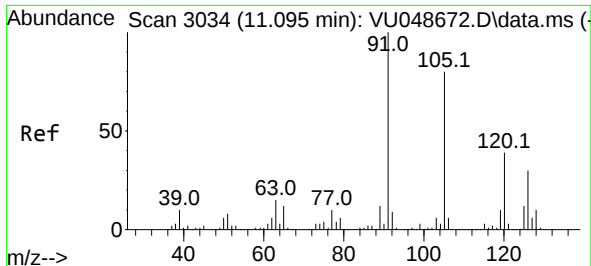
Ion Ratio Lower Upper

75 100

53 101.3 72.5 108.7

89 107.7 37.0 55.4#

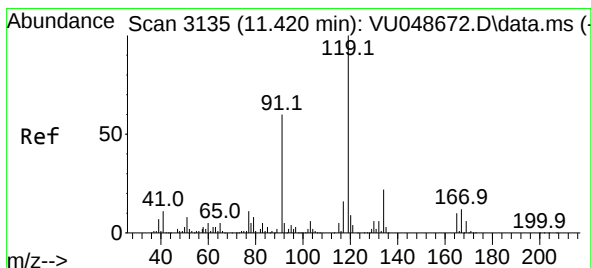
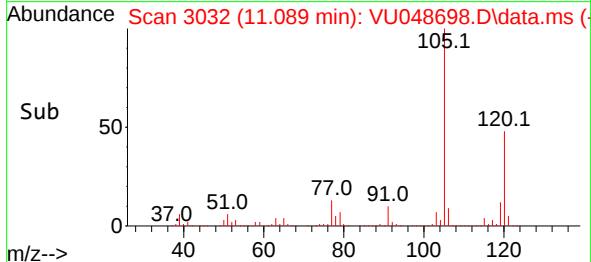
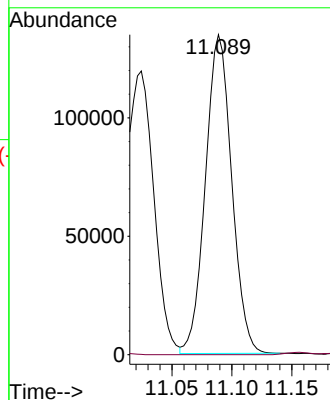
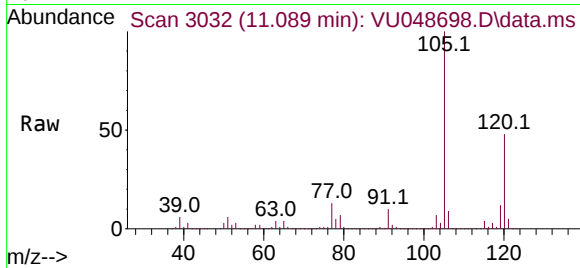




#82
4-Chlorotoluene
Concen: 16.821 ug/l
RT: 11.089 min Scan# 3034
Delta R.T. -0.007 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

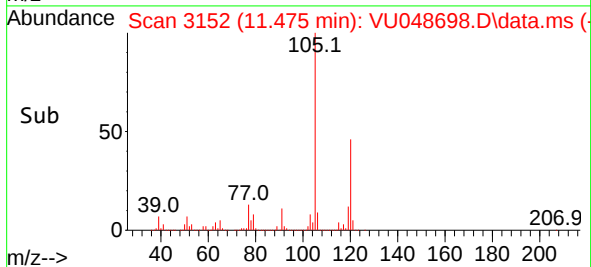
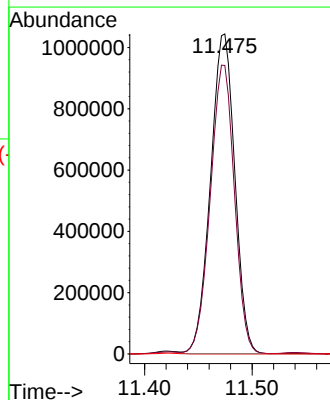
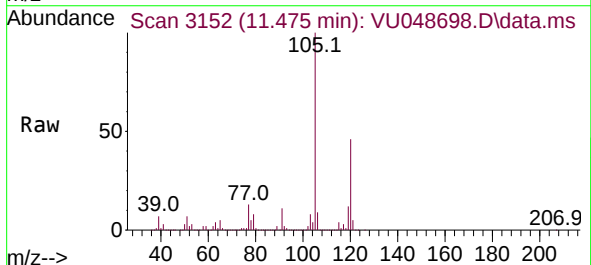
Instrument :
MSVOA_U
ClientSampleId :
MW-02

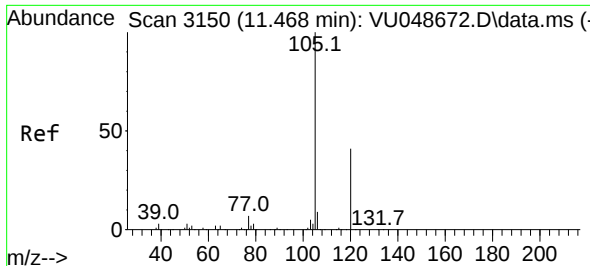
Tgt Ion: 91 Resp: 205092
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#



#83
tert-Butylbenzene
Concen: 137.755 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.055 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 119 Resp: 1639652
Ion Ratio Lower Upper
119 100
91 89.4 28.7 86.1#
134 0.0 10.8 32.4#

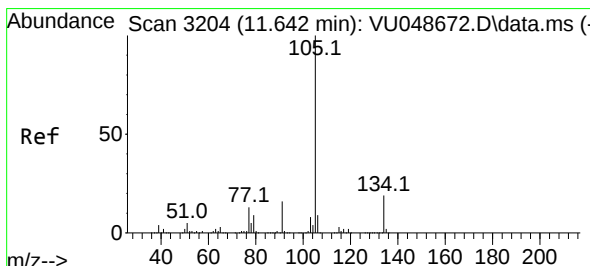
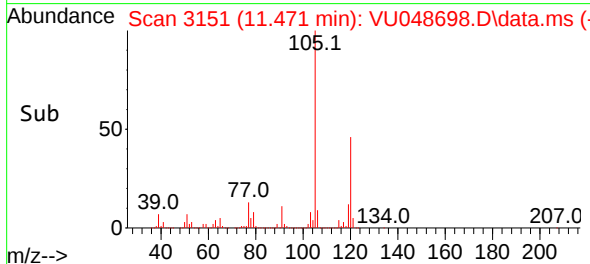
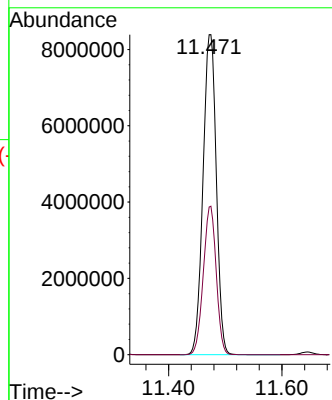
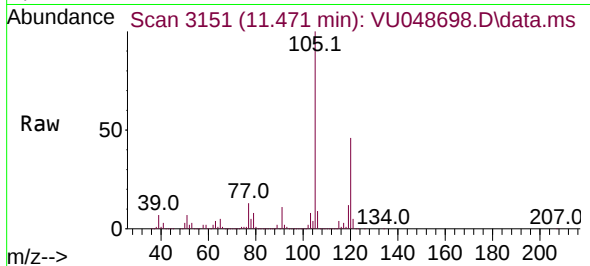




#84
1,2,4-Trimethylbenzene
Concen: 997.114 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

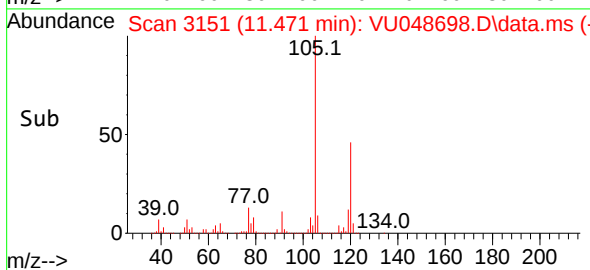
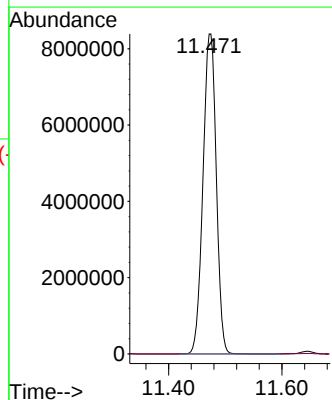
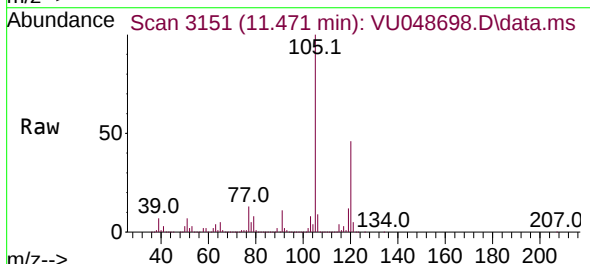
Instrument :
MSVOA_U
ClientSampleId :
MW-02

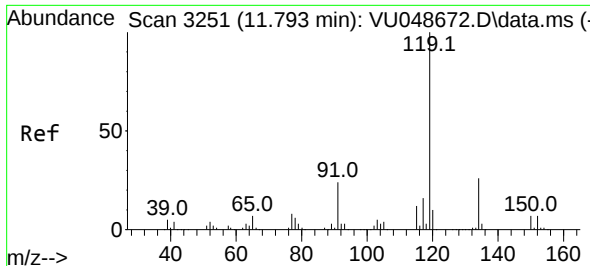
Tgt Ion:105 Resp:13634838
Ion Ratio Lower Upper
105 100
120 45.1 22.5 67.5



#85
sec-Butylbenzene
Concen: 915.660 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.171 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion:105 Resp:13634838
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#

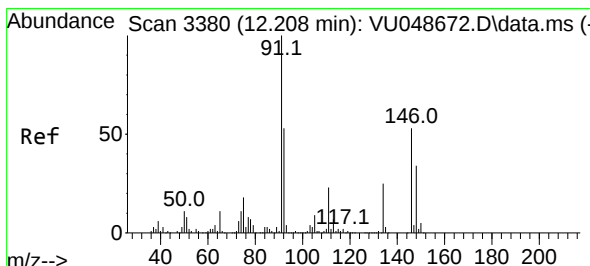
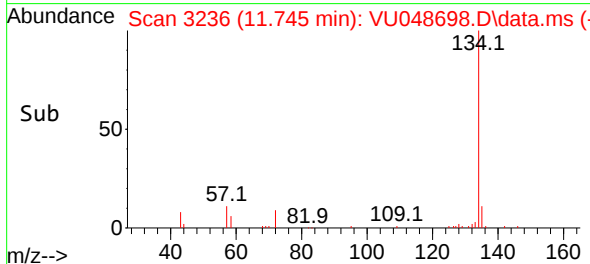
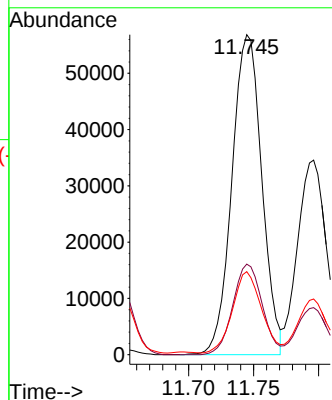
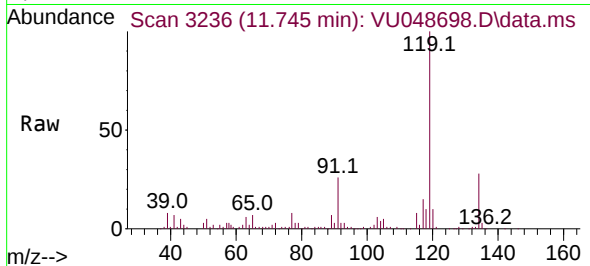




#86
p-Isopropyltoluene
Concen: 7.112 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.048 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

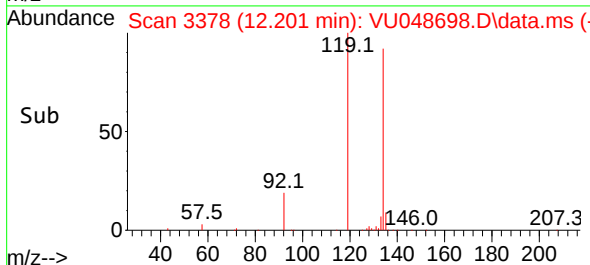
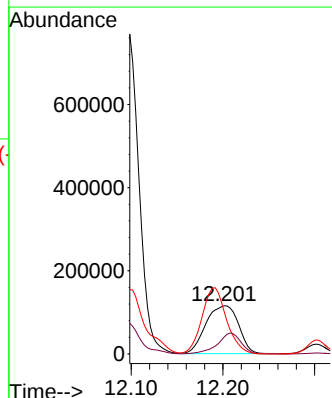
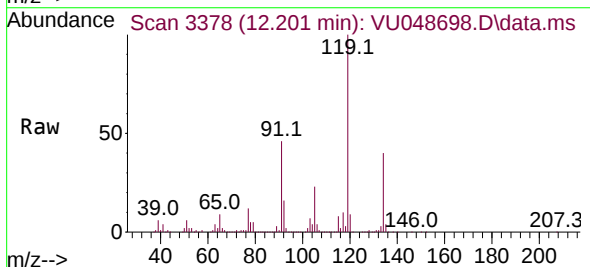
Instrument :
MSVOA_U
ClientSampleId :
MW-02

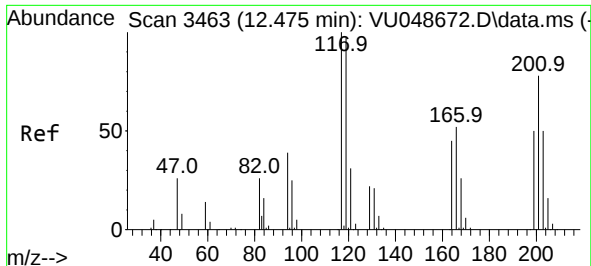
Tgt Ion:119 Resp: 90949
Ion Ratio Lower Upper
119 100
134 27.7 12.8 38.4
91 24.5 12.0 36.0



#89
n-Butylbenzene
Concen: 23.502 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. -0.007 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Tgt Ion: 91 Resp: 285317
Ion Ratio Lower Upper
91 100
92 31.6 25.9 77.8
134 104.1 12.5 37.5#

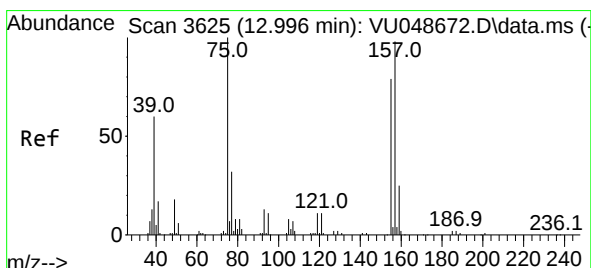
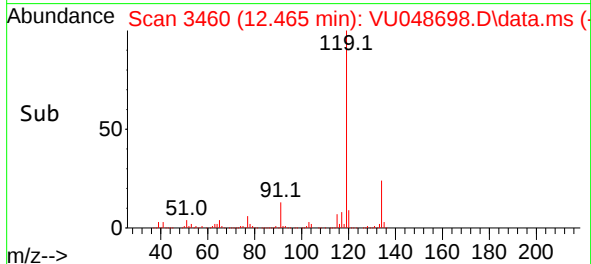
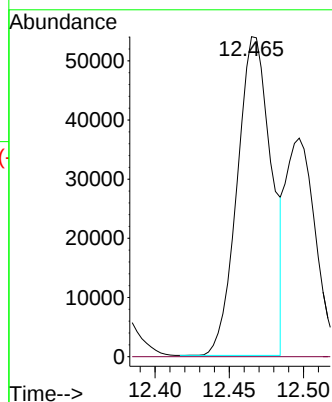
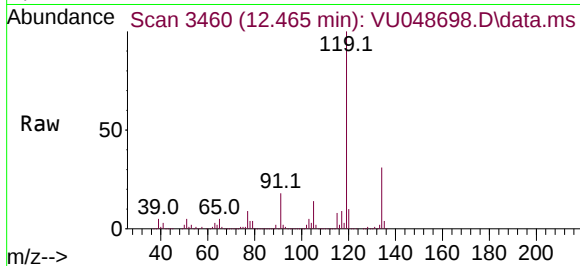




#90
Hexachloroethane
Concen: 33.016 ug/l
RT: 12.465 min Scan# 3463
Delta R.T. -0.010 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

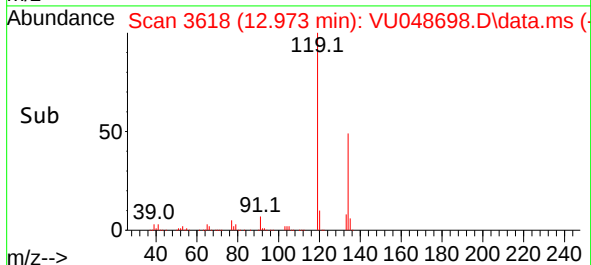
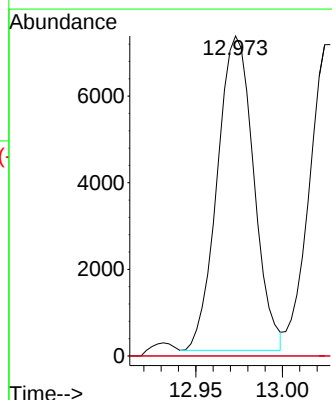
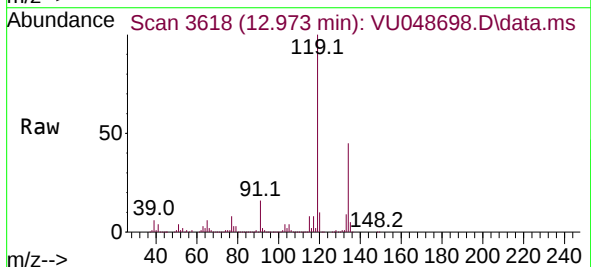
Instrument :
MSVOA_U
ClientSampleId :
MW-02

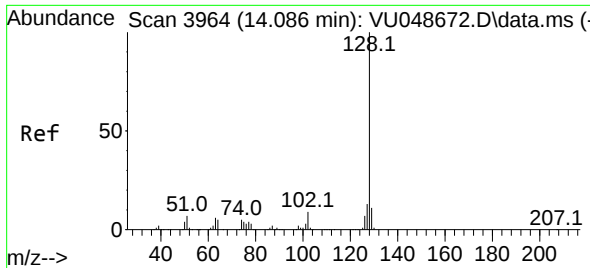
Tgt Ion:117 Resp: 86163
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.347 ug/l
RT: 12.973 min Scan# 3618
Delta R.T. -0.023 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

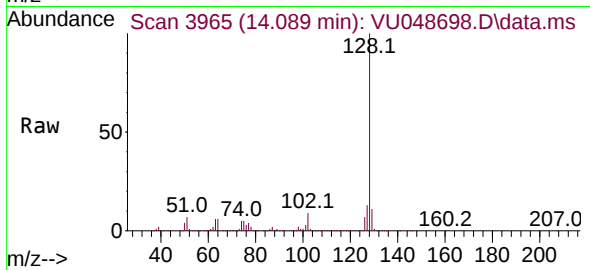
Tgt Ion: 75 Resp: 10636
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.8#
157 0.0 50.0 150.0#





#95
Naphthalene
Concen: 418.700 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048698.D
Acq: 27 May 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :
MW-02



Tgt Ion:128 Resp: 7622149
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.7 13.1

