

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048722.D
 Acq On : 28 May 2022 03:35
 Operator : SY/MD
 Sample : N3033-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

Quant Time: May 30 03:00:55 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	239402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	400624	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	394834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	234939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	172725	48.041	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.080%
35) Dibromofluoromethane	5.292	113	149573	52.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.660%
50) Toluene-d8	7.899	98	479654	46.816	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.640%
62) 4-Bromofluorobenzene	10.632	95	222375	57.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.780%

Target Compounds				Qvalue		
5) Bromomethane	1.822	94	46	Below Cal	#	3
6) Chloroethane	1.977	64	732	Below Cal	#	43
11) Tert butyl alcohol	3.179	59	1885	2.068	ug/l	# 28
13) Acrolein	2.469	56	115	Below Cal	#	1
14) Allyl chloride	3.086	41	42948	9.100	ug/l	# 64
15) Acrylonitrile	3.359	53	1965	0.994	ug/l	# 37
16) Acetone	2.626	43	8473	4.624	ug/l	100
18) Methyl Acetate	3.083	43	110098	23.932	ug/l	# 51
20) Methylene Chloride	3.051	84	1276	0.410	ug/l	# 87
23) Vinyl Acetate	3.700	43	51888	6.879	ug/l	# 49
25) 2-Butanone	4.652	43	3459	1.314	ug/l	# 49
29) Tetrahydrofuran	5.141	42	476	0.287	ug/l	# 1
31) Cyclohexane	5.369	56	56659	12.505	ug/l	# 60
36) 1,1-Dichloropropene	5.375	75	19138	4.588	ug/l	# 51
38) Carbon Tetrachloride	5.372	117	24618	5.144	ug/l	# 16
39) Methylcyclohexane	6.764	83	106288	24.301	ug/l	98
41) Methacrylonitrile	5.137	41	6545	2.456	ug/l	# 44
43) Isopropyl Acetate	5.903	43	93937	12.273	ug/l	# 60
48) Methyl methacrylate	6.983	41	17295	5.033	ug/l	# 45
55) 1,1,2-Trichloroethane	8.369	97	52673	16.202	ug/l	# 18
56) Ethyl methacrylate	8.369	69	14273	5.246	ug/l	# 11
58) 2-Chloroethyl Vinyl ether	7.526	63	47	29.793	ug/l	# 47
59) 2-Hexanone	8.690	43	4475	1.097	ug/l	96
67) Ethyl Benzene	9.571	91	26766	1.900	ug/l	99
68) m/p-Xylenes	9.693	106	20899	3.794	ug/l	98
69) o-Xylene	10.099	106	6363	1.176	ug/l	92
74) N-amyl acetate	10.292	43	1959	2.709	ug/l	# 69
76) 1,2,3-Trichloropropane	10.632	75	111200	14.680	ug/l	# 48
78) n-propylbenzene	10.906	91	8057	0.446	ug/l	92
80) 1,3,5-Trimethylbenzene	11.089	105	6435	0.488	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.632	75	111200	53.301	ug/l	# 13
83) tert-Butylbenzene	11.468	119	4175	0.330	ug/l	# 60
84) 1,2,4-Trimethylbenzene	11.468	105	31975	3.383	ug/l	99
85) sec-Butylbenzene	11.642	105	19170	1.210	ug/l	# 58
86) p-Isopropyltoluene	11.793	119	7805	0.574	ug/l	84
89) n-Butylbenzene	12.208	91	91806	8.634	ug/l	# 75

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Quant Time: May 30 03:00:55 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

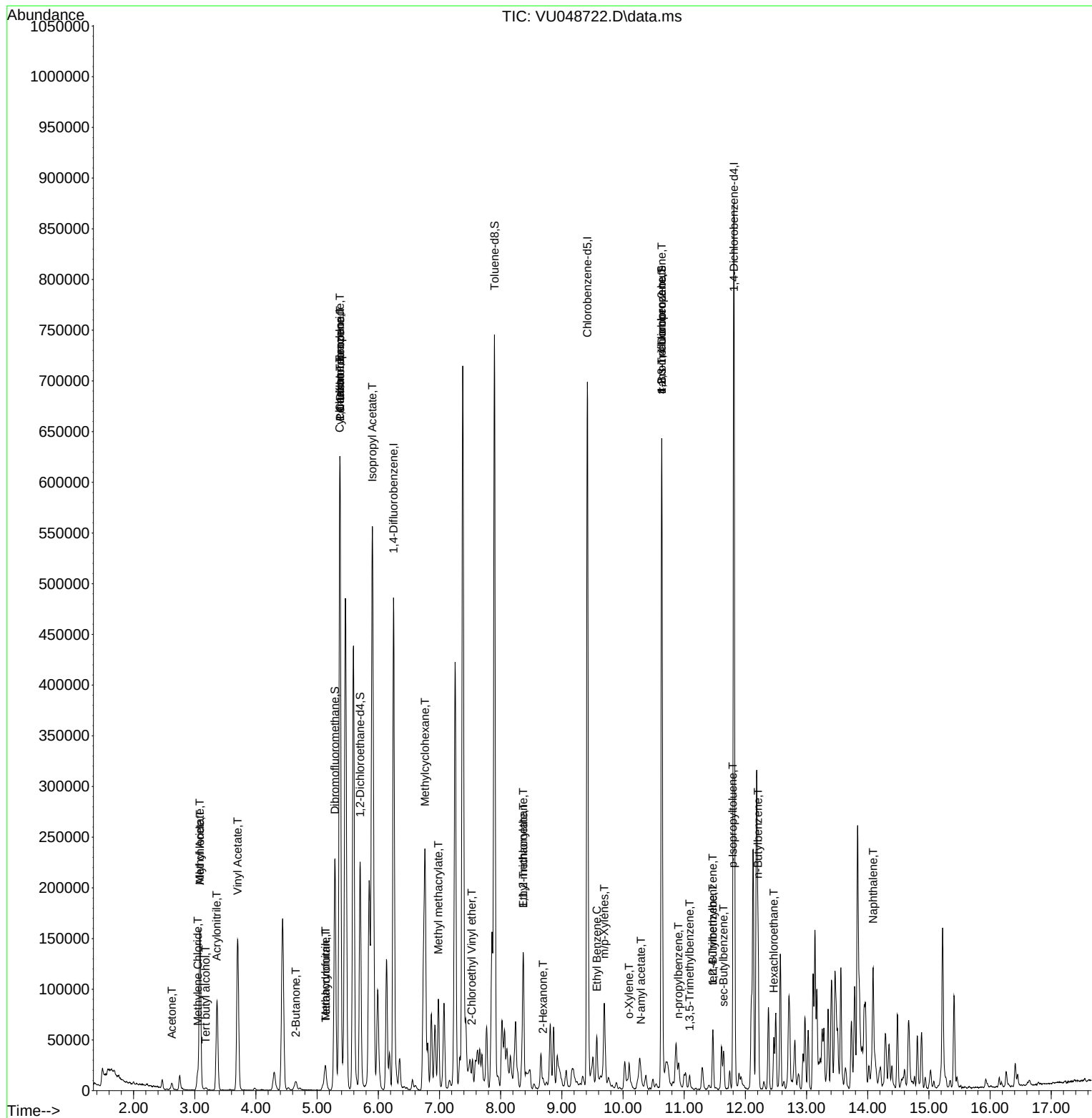
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.465	117	2744	0.989	ug/l #	10
95) Naphthalene	14.089	128	97635	7.545	ug/l	98

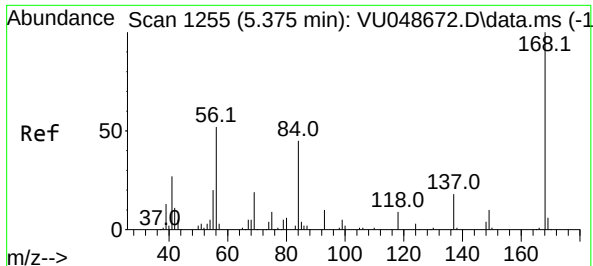
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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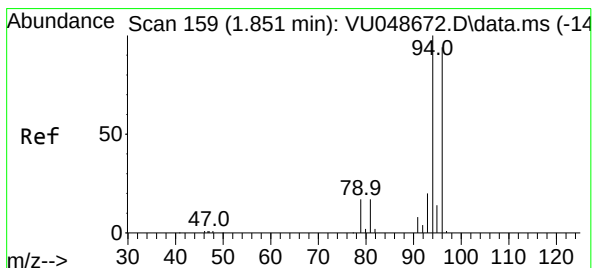
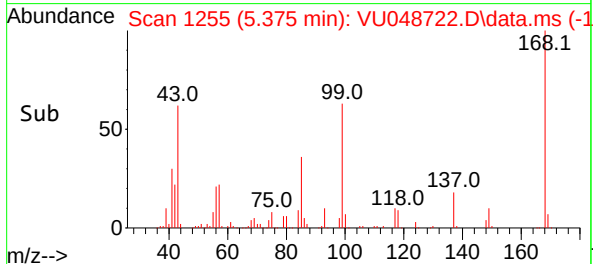
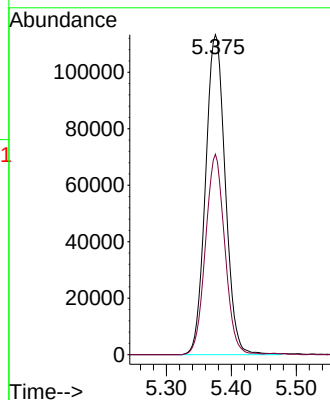
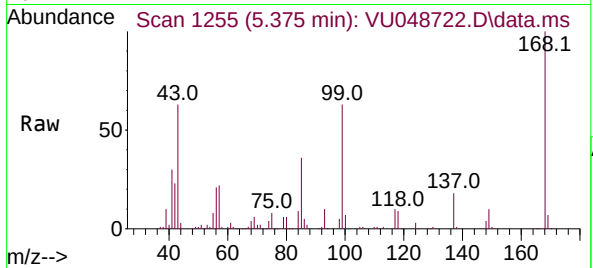




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

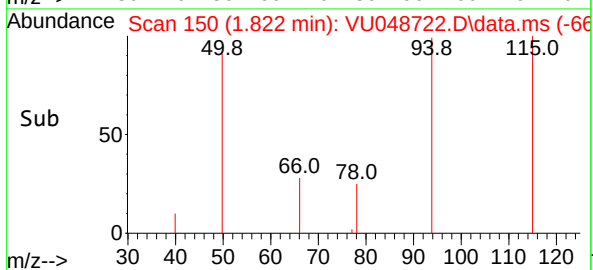
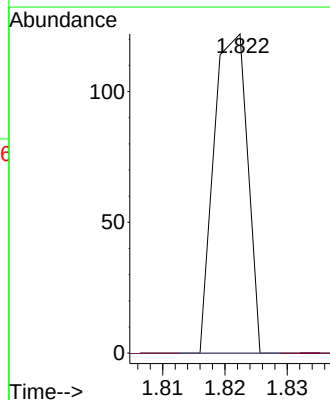
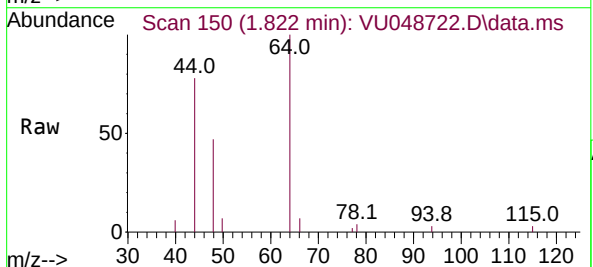
Instrument :
MSVOA_U
ClientSampleId :
HW-2

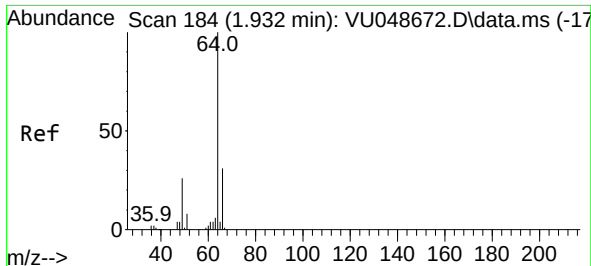
Tgt Ion:168 Resp: 239402
Ion Ratio Lower Upper
168 100
99 62.7 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.822 min Scan# 150
Delta R.T. -0.029 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 94 Resp: 46
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

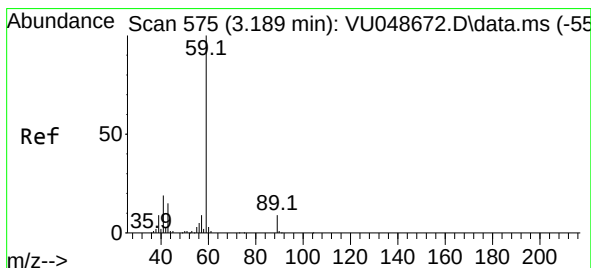
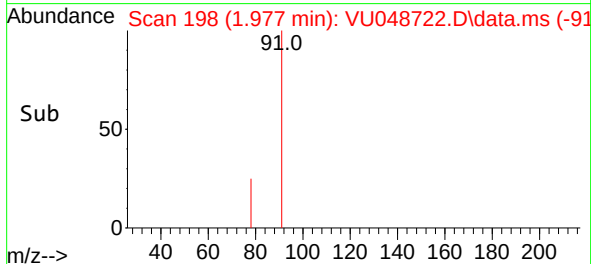
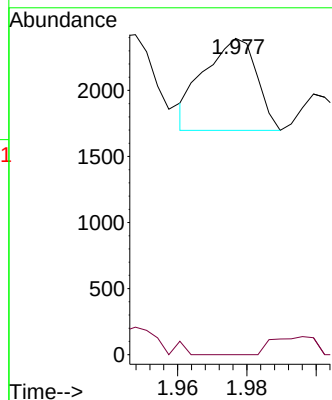
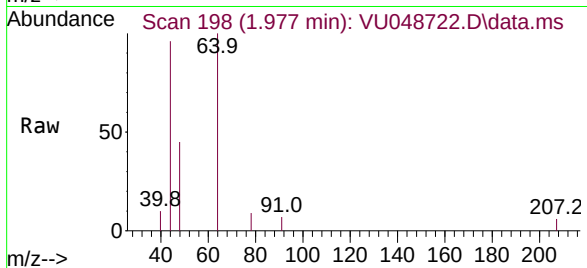




#6
Chloroethane
Concen: Below Cal
RT: 1.977 min Scan# 198
Delta R.T. 0.045 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

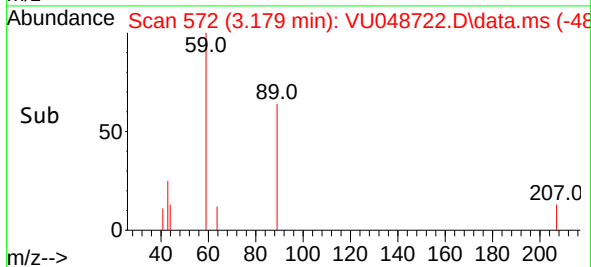
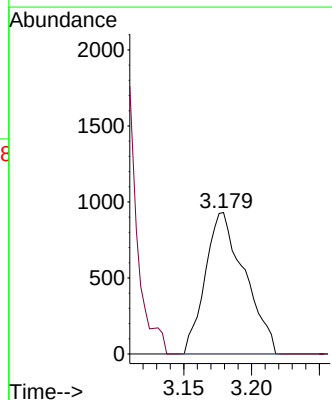
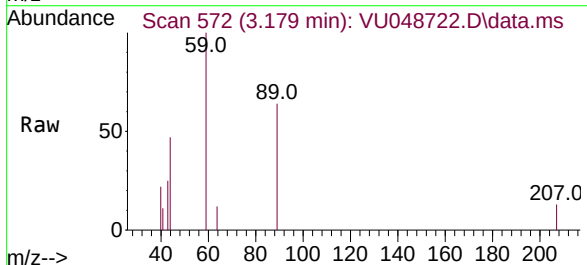
Instrument :
MSVOA_U
ClientSampleId :
HW-2

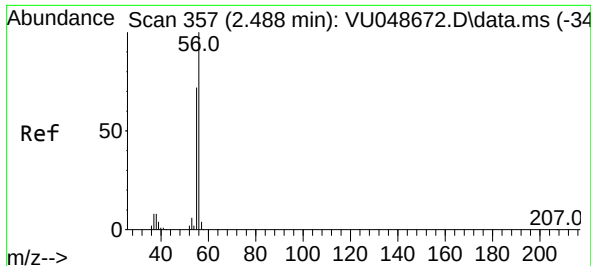
Tgt Ion: 64 Resp: 732
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#11
Tert butyl alcohol
Concen: 2.068 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 59 Resp: 1885
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

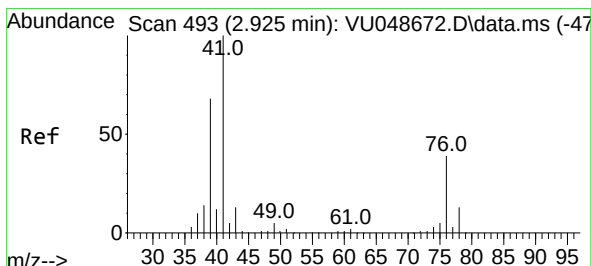
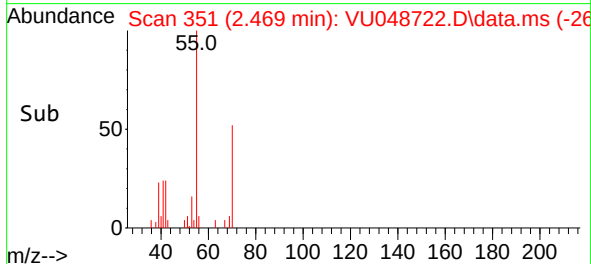
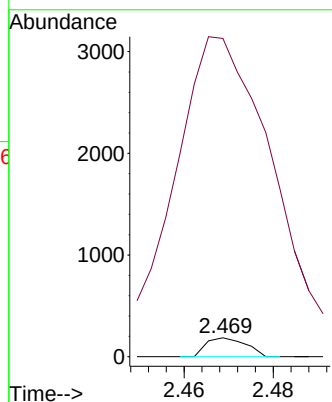
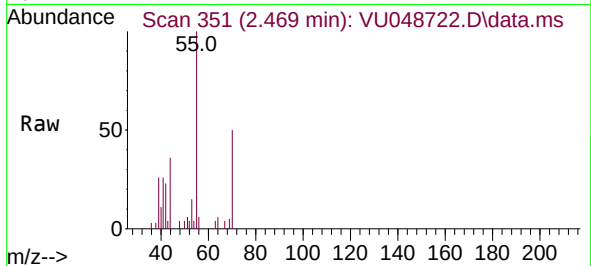




#13
Acrolein
Concen: Below Cal
RT: 2.469 min Scan# 311
Delta R.T. -0.019 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

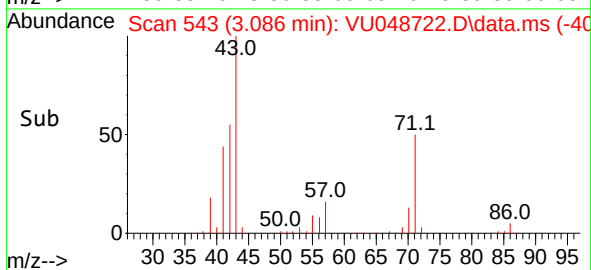
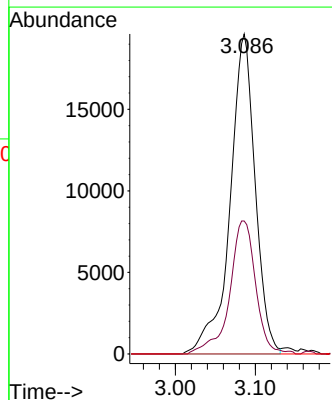
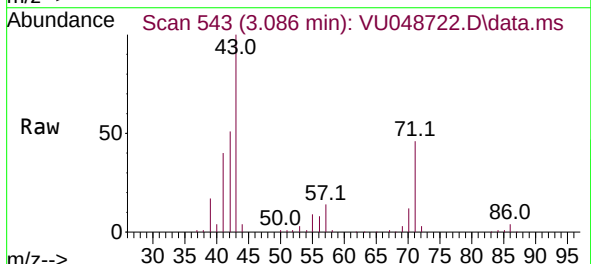
Instrument :
MSVOA_U
ClientSampleId :
HW-2

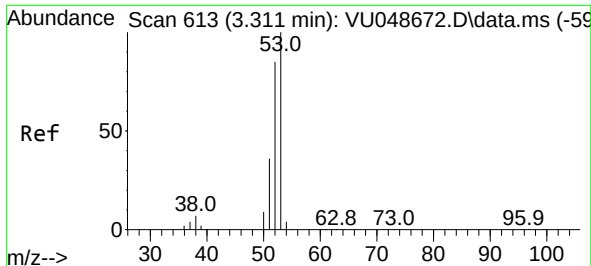
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 4473.9 57.7 86.5#



#14
Allyl chloride
Concen: 9.100 ug/l
RT: 3.086 min Scan# 543
Delta R.T. 0.161 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 41 Resp: 42948
Ion Ratio Lower Upper
41 100
39 42.9 48.6 72.8#
76 0.0 27.0 40.4#

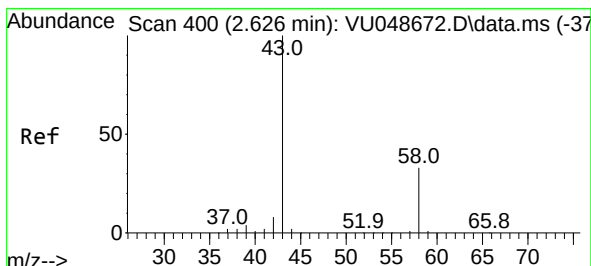
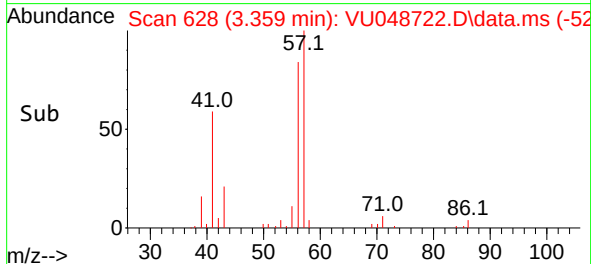
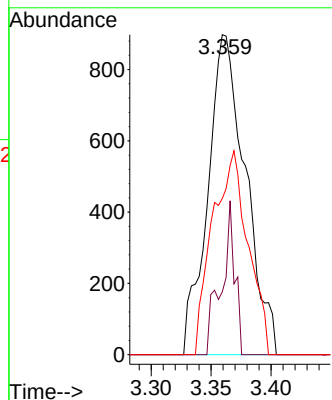
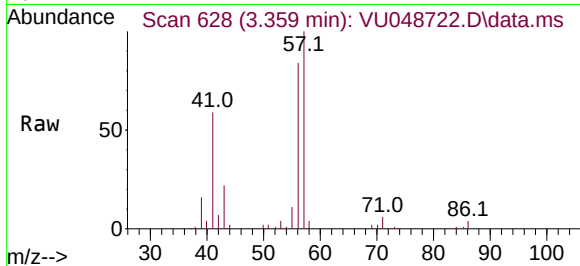




#15
Acrylonitrile
Concen: 0.994 ug/l
RT: 3.359 min Scan# 613
Delta R.T. 0.048 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

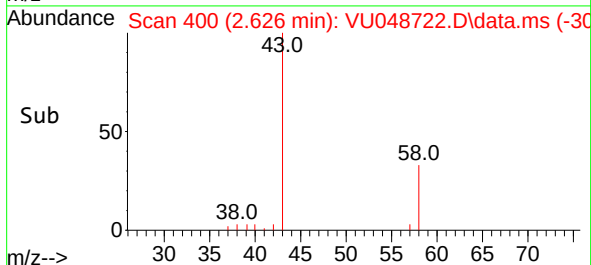
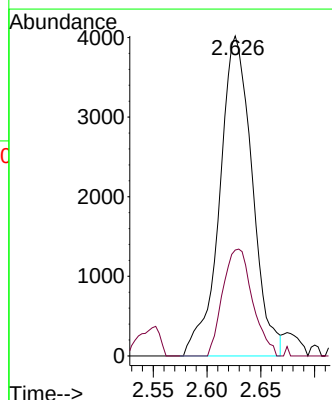
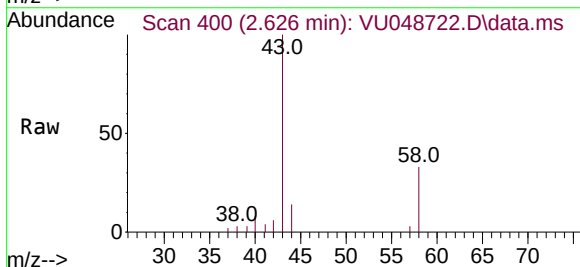
Instrument :
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ClientSampleId :
HW-2

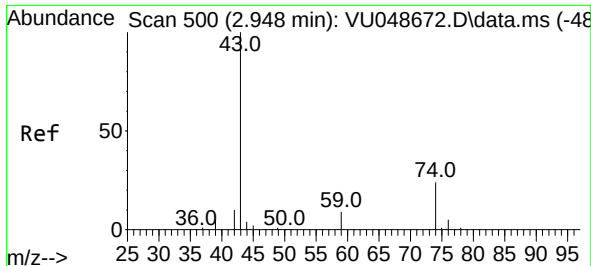
Tgt Ion: 53 Resp: 1965
Ion Ratio Lower Upper
53 100
52 17.2 66.3 99.5#
51 59.8 28.6 42.8#



#16
Acetone
Concen: 4.624 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 43 Resp: 8473
Ion Ratio Lower Upper
43 100
58 33.1 26.3 39.5

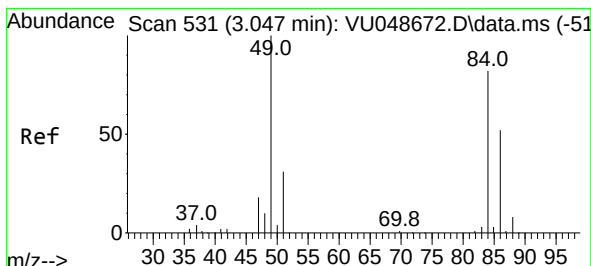
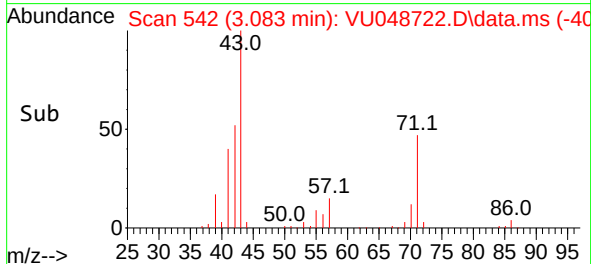
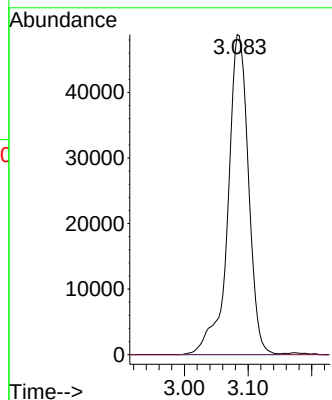
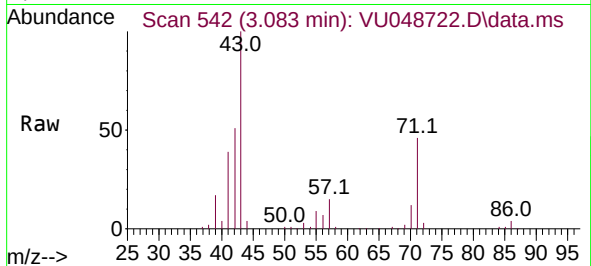




#18
Methyl Acetate
Concen: 23.932 ug/l
RT: 3.083 min Scan# 541
Delta R.T. 0.135 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

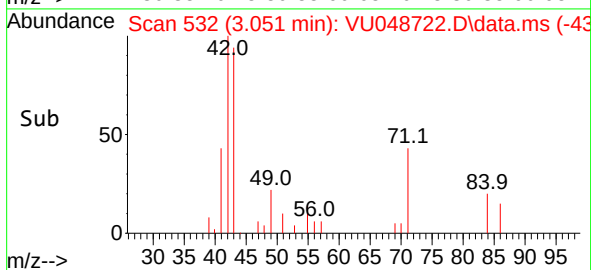
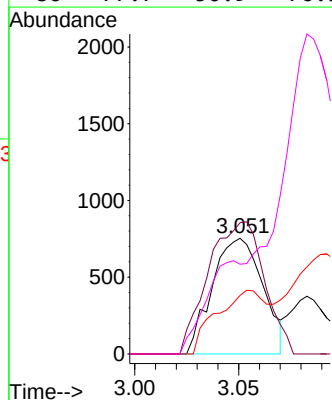
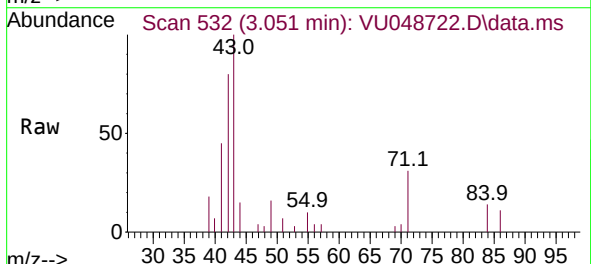
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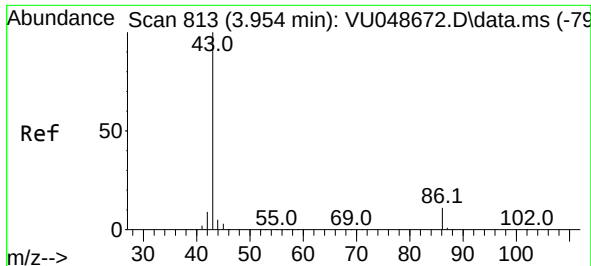
Tgt Ion: 43 Resp: 110098
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.410 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 84 Resp: 1276
Ion Ratio Lower Upper
84 100
49 113.5 97.0 145.4
51 50.6 29.8 44.8#
86 77.7 50.9 76.3#

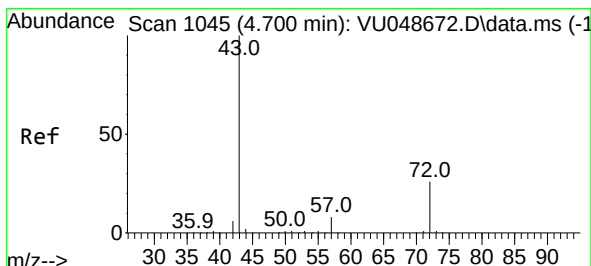
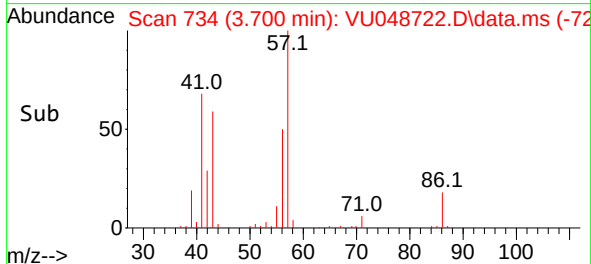
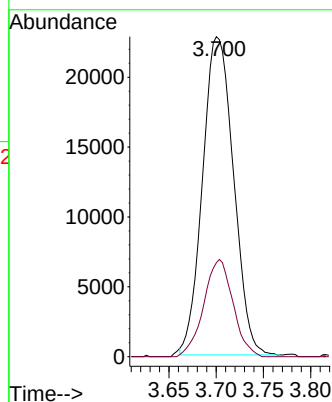
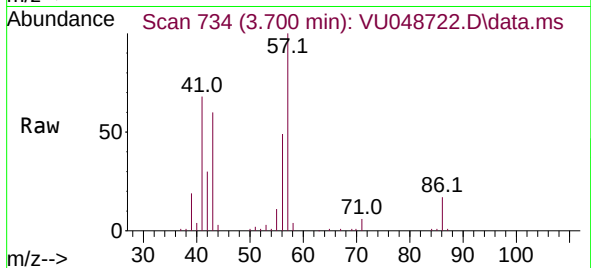




#23
 Vinyl Acetate
 Concen: 6.879 ug/l
 RT: 3.700 min Scan# 71
 Delta R.T. -0.254 min
 Lab File: VU048722.D
 Acq: 28 May 2022 03:35

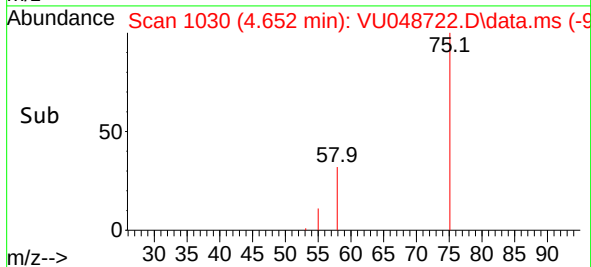
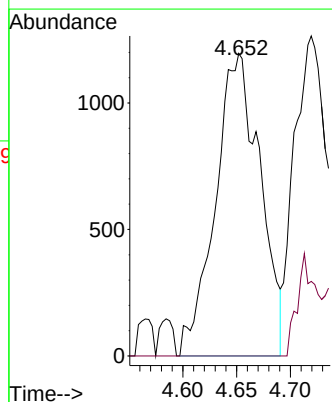
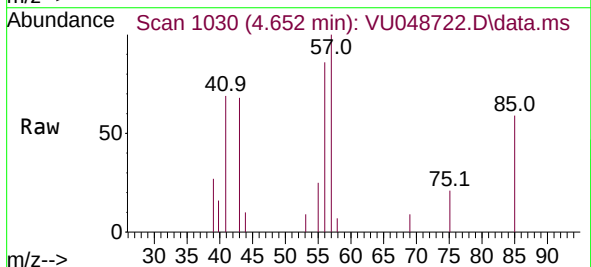
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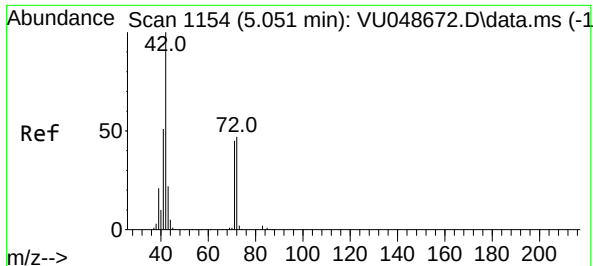
Tgt Ion: 43 Resp: 51888
 Ion Ratio Lower Upper
 43 100
 86 29.5 8.4 12.6#



#25
 2-Butanone
 Concen: 1.314 ug/l
 RT: 4.652 min Scan# 1030
 Delta R.T. -0.048 min
 Lab File: VU048722.D
 Acq: 28 May 2022 03:35

Tgt Ion: 43 Resp: 3459
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.1 31.7#

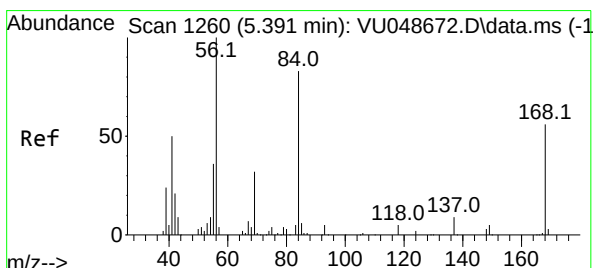
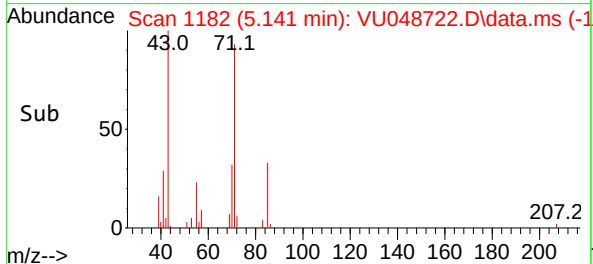
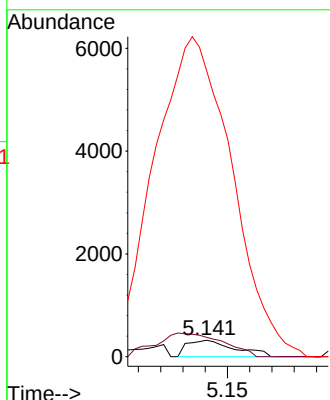
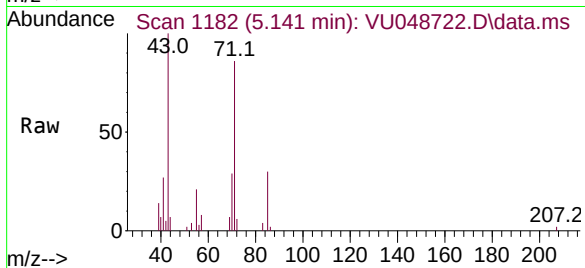




#29
Tetrahydrofuran
Concen: 0.287 ug/l
RT: 5.141 min Scan# 1154
Delta R.T. 0.090 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

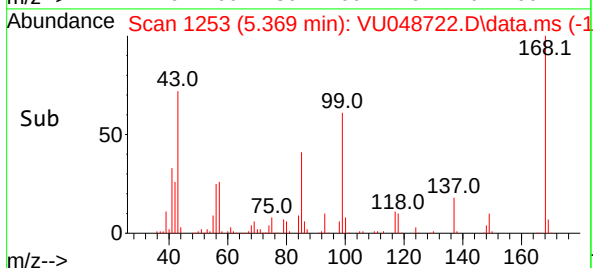
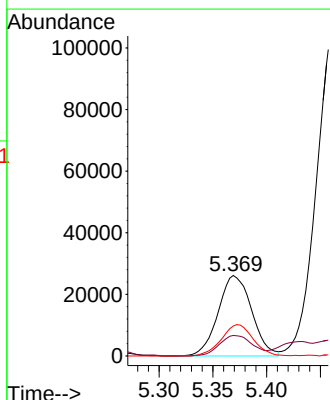
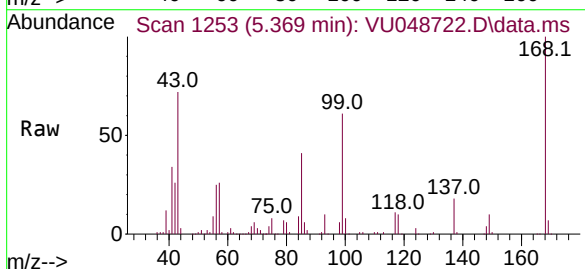
Instrument :
MSVOA_U
ClientSampleId :
HW-2

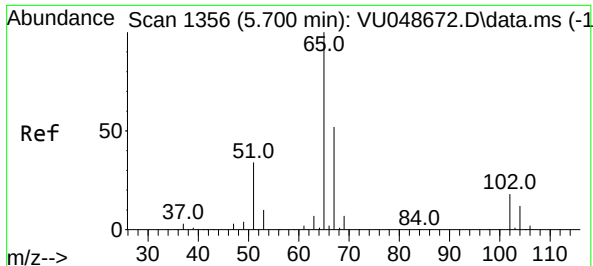
Tgt Ion: 42 Resp: 476
Ion Ratio Lower Upper
42 100
72 201.9 37.6 56.4#
71 3249.6 35.0 52.4#



#31
Cyclohexane
Concen: 12.505 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.022 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 56 Resp: 56659
Ion Ratio Lower Upper
56 100
69 25.5 25.6 38.4#
84 37.2 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 48.041 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

Instrument :

MSVOA_U

ClientSampleId :

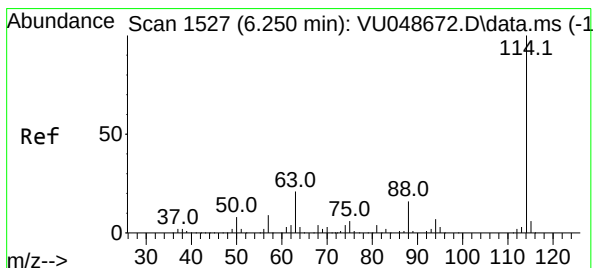
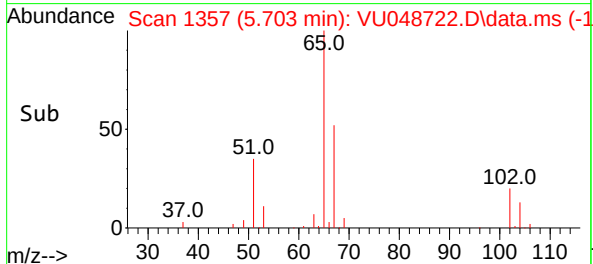
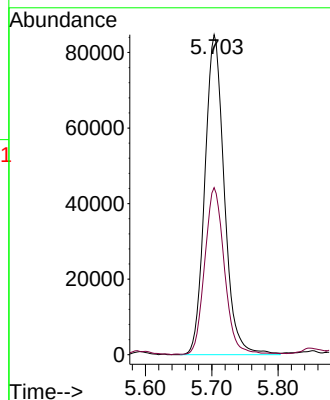
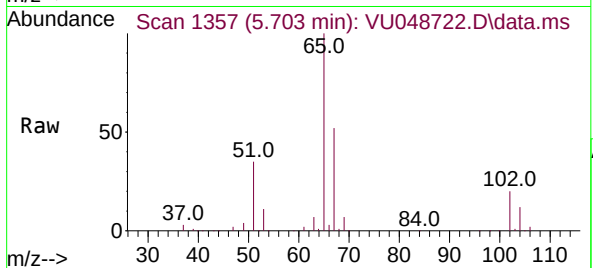
HW-2

Tgt Ion: 65 Resp: 172725

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

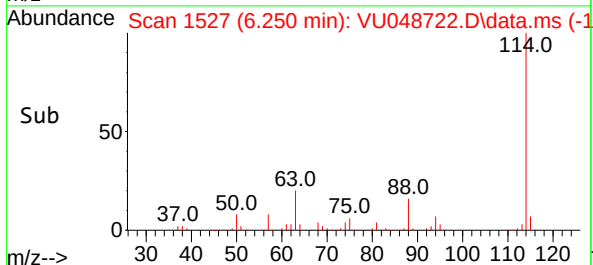
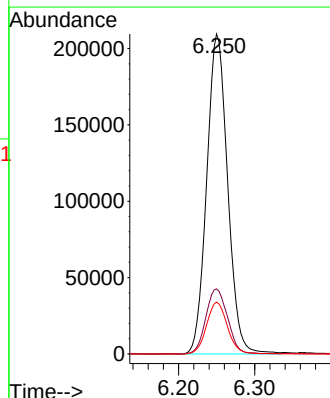
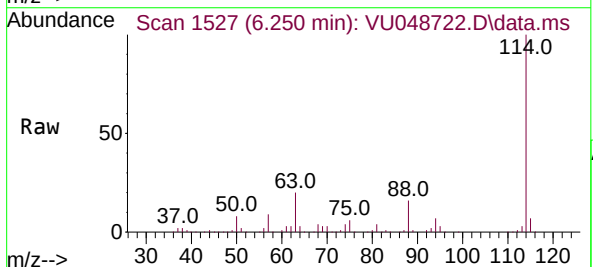
Tgt Ion: 114 Resp: 400624

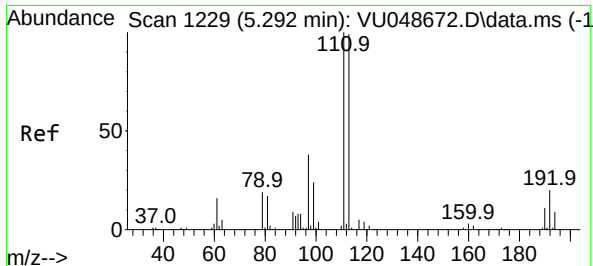
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 16.2 0.0 32.2

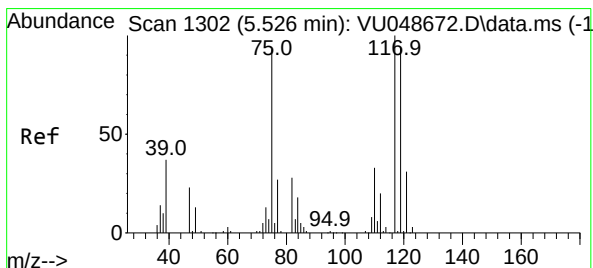
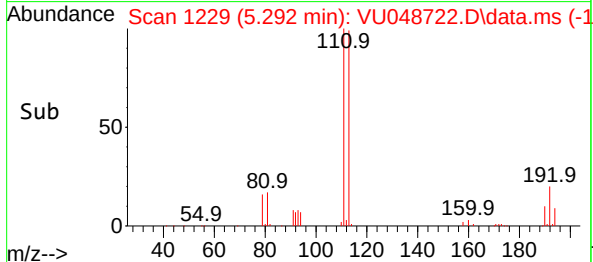
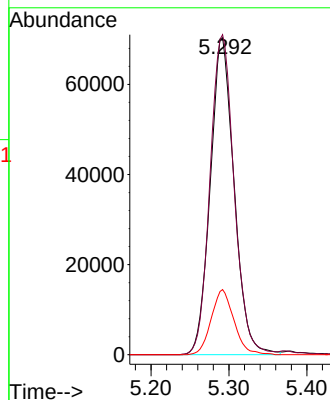
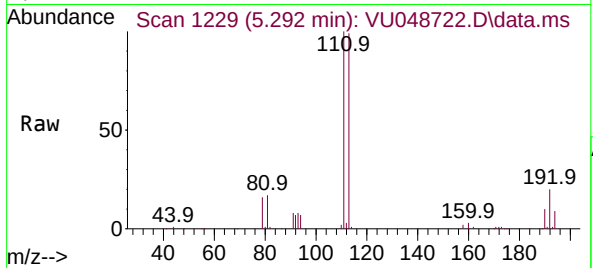




#35
Dibromofluoromethane
Concen: 52.332 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

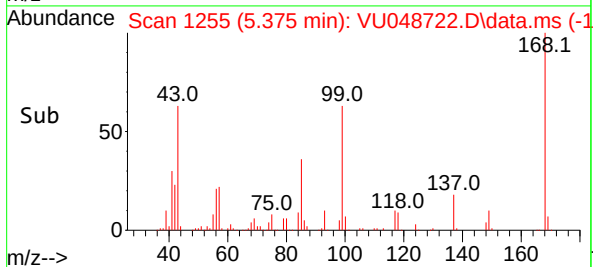
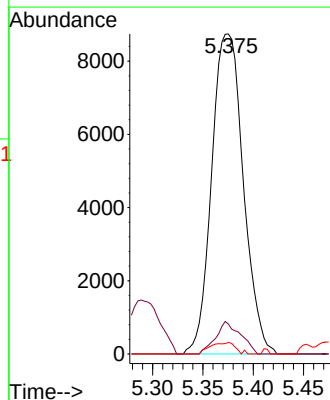
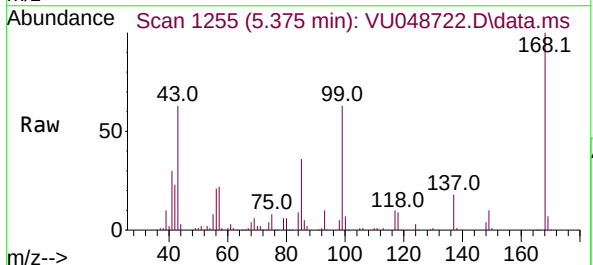
Instrument :
MSVOA_U
ClientSampleId :
HW-2

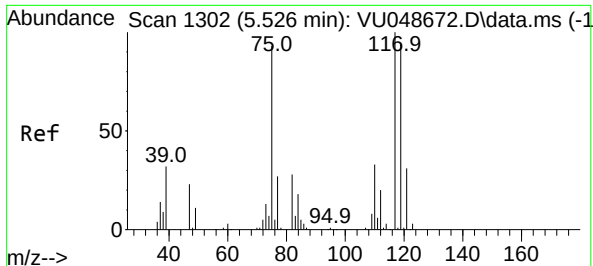
Tgt Ion:113 Resp: 149573
Ion Ratio Lower Upper
113 100
111 102.1 80.7 121.1
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 75 Resp: 19138
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 2.8 24.8 37.2#

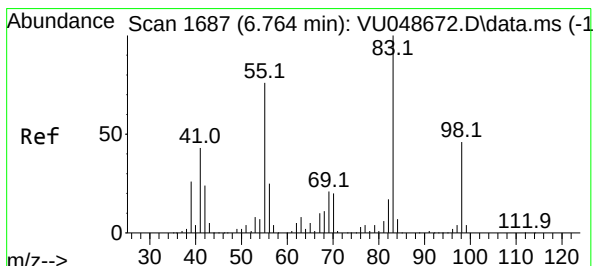
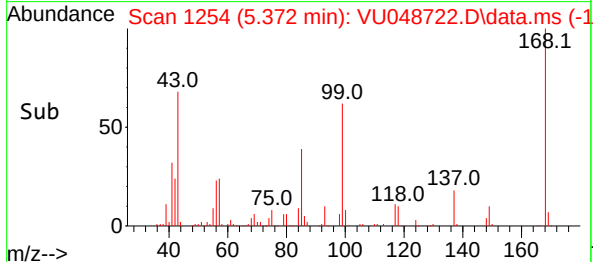
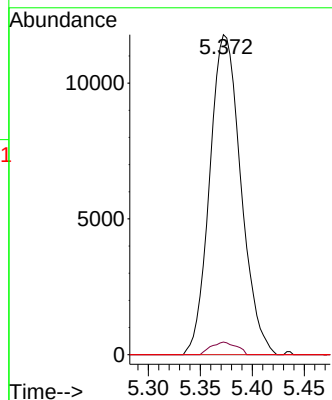
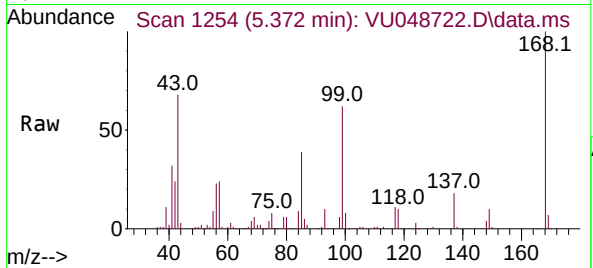




#38
Carbon Tetrachloride
Concen: 5.144 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

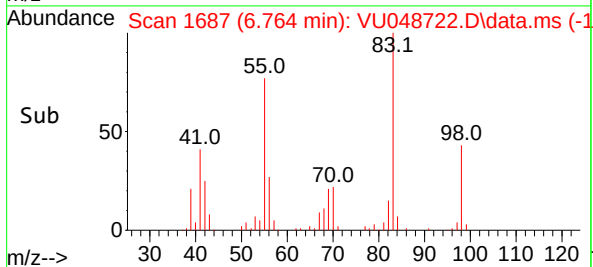
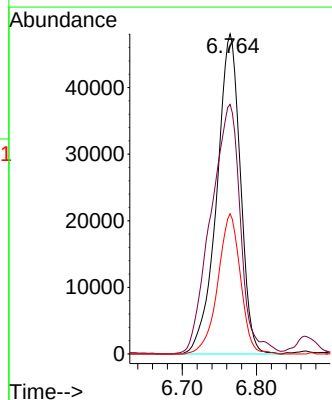
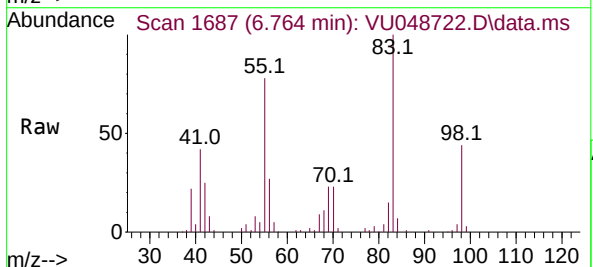
Instrument :
MSVOA_U
ClientSampleId :
HW-2

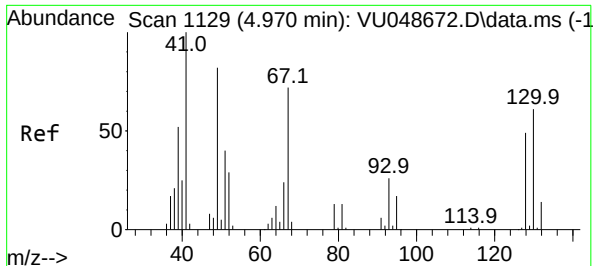
Tgt Ion:117 Resp: 24618
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 24.301 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 83 Resp: 106288
Ion Ratio Lower Upper
83 100
55 77.6 61.0 91.6
98 43.8 36.8 55.2

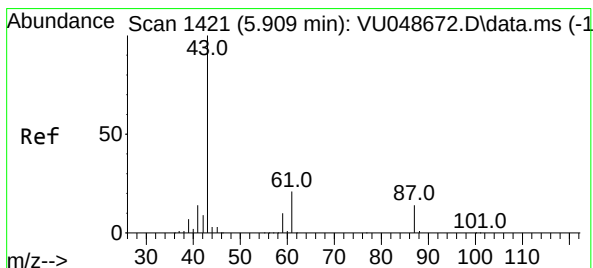
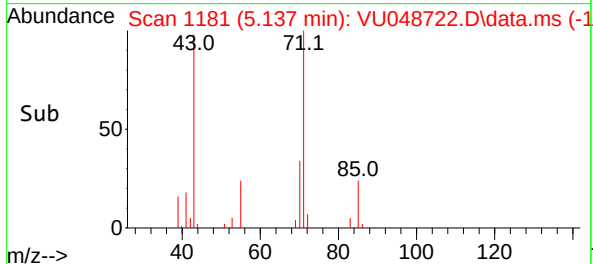
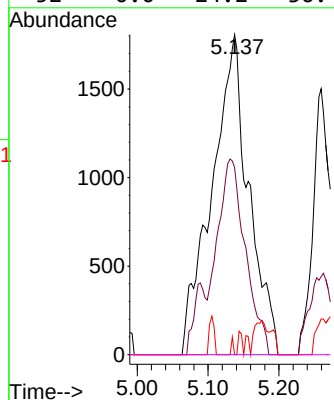
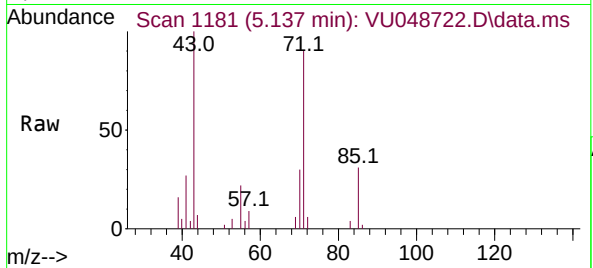




#41
Methacrylonitrile
Concen: 2.456 ug/l
RT: 5.137 min Scan# 1129
Delta R.T. 0.167 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

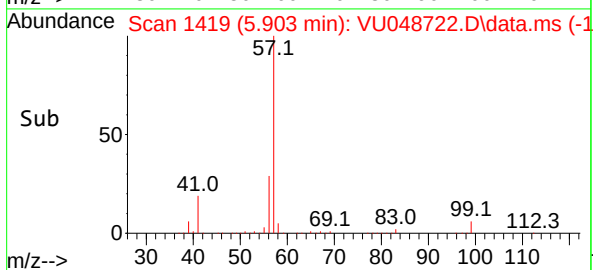
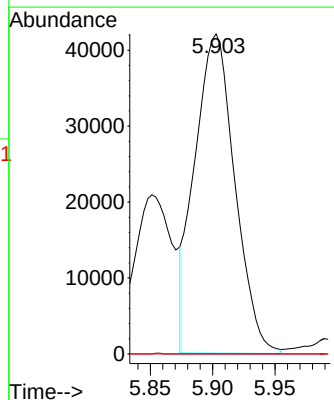
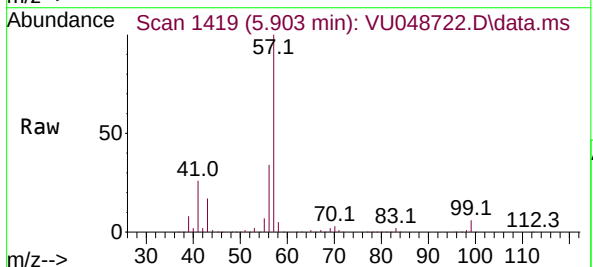
Instrument :
MSVOA_U
ClientSampleId :
HW-2

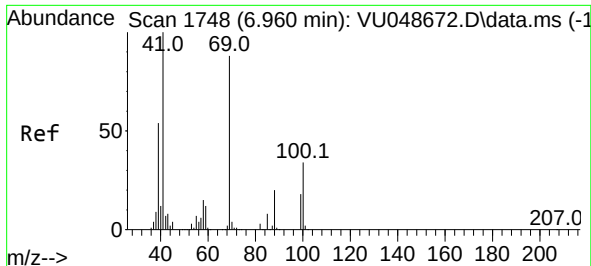
Tgt Ion:	41	Resp:	6545
Ion	Ratio	Lower	Upper
41	100		
39	46.4	42.6	64.0
67	0.3	61.0	91.4#
52	0.0	24.2	36.4#



#43
Isopropyl Acetate
Concen: 12.273 ug/l
RT: 5.903 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion:	43	Resp:	93937
Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.7	25.1#
87	0.0	10.9	16.3#





#48

Methyl methacrylate

Concen: 5.033 ug/l

RT: 6.983 min Scan# 1

Delta R.T. 0.023 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

Instrument :

MSVOA_U

ClientSampleId :

HW-2

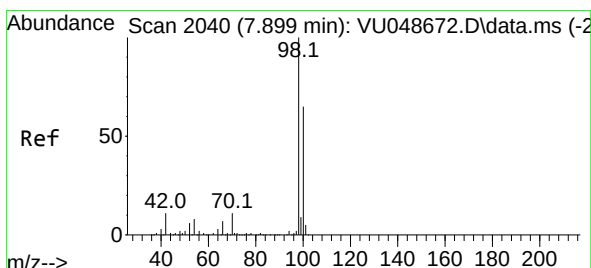
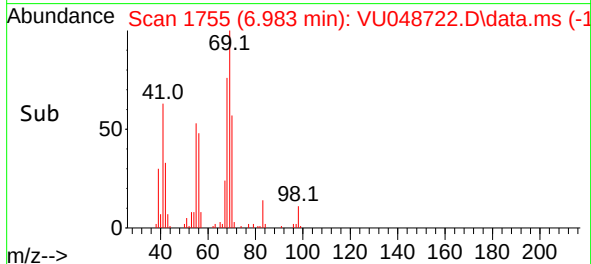
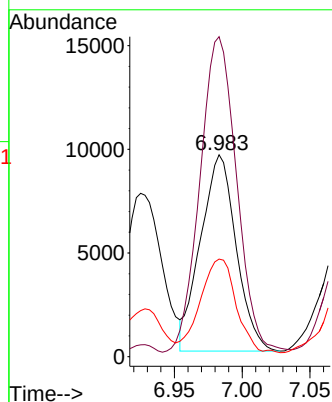
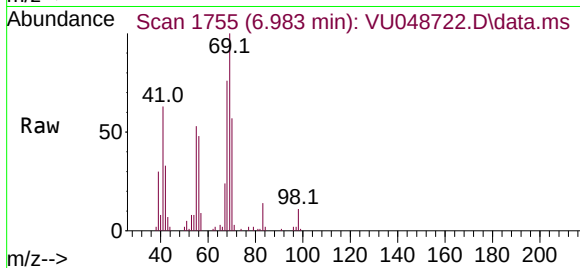
Tgt Ion: 41 Resp: 17295

Ion Ratio Lower Upper

41 100

69 165.6 70.7 106.1#

39 48.0 43.4 65.2



#50

Toluene-d8

Concen: 46.816 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048722.D

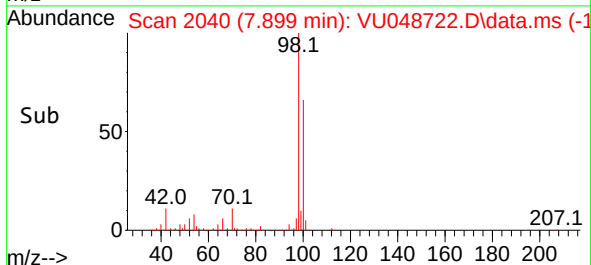
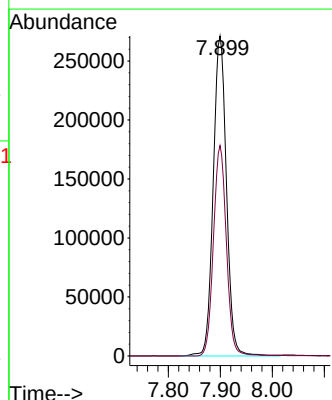
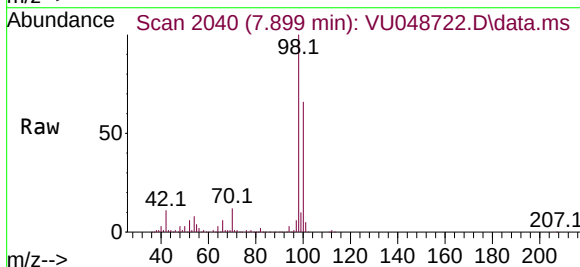
Acq: 28 May 2022 03:35

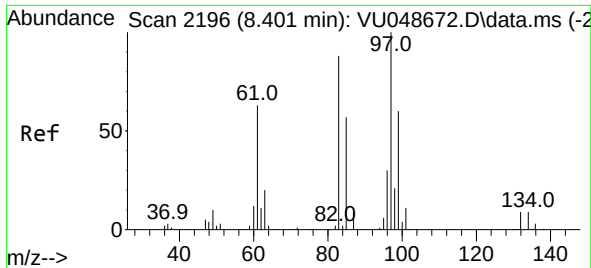
Tgt Ion: 98 Resp: 479654

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.4

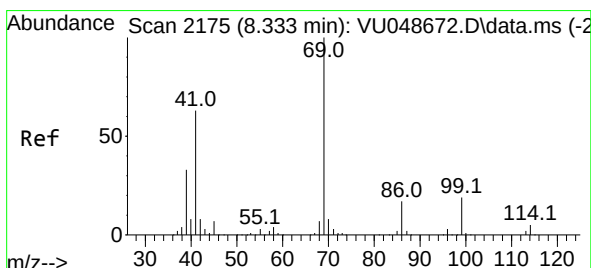
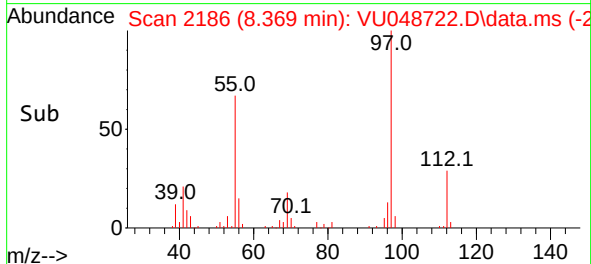
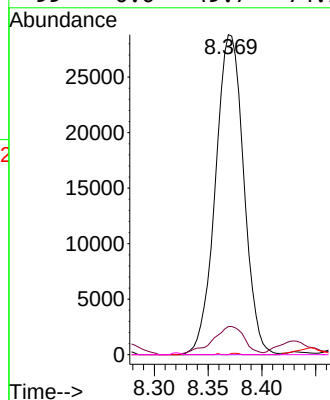
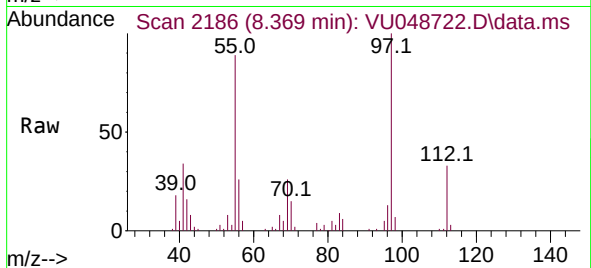




#55
 1,1,2-Trichloroethane
 Concen: 16.202 ug/l
 RT: 8.369 min Scan# 2196
 Delta R.T. -0.032 min
 Lab File: VU048722.D
 Acq: 28 May 2022 03:35

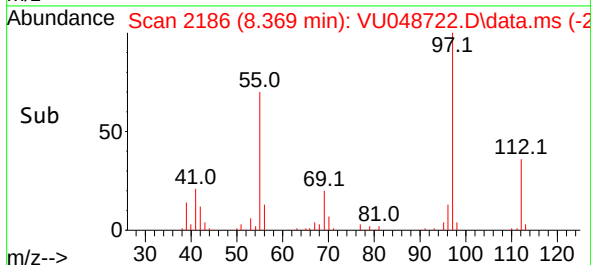
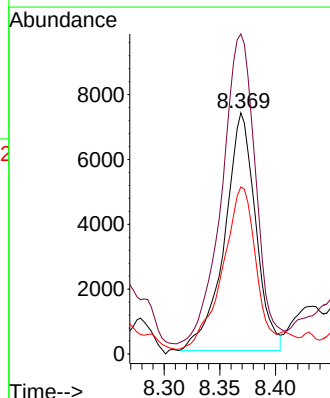
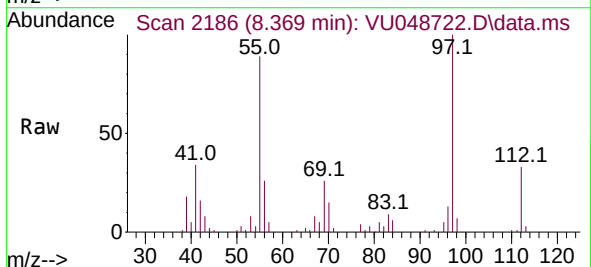
Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

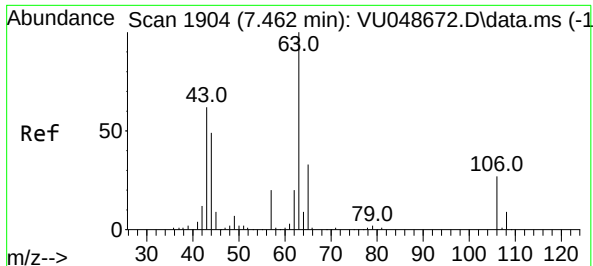
Tgt Ion:	97	Resp:	52673
Ion	Ratio	Lower	Upper
97	100		
83	8.8	70.2	105.4#
85	0.0	45.6	68.4#
99	0.0	49.7	74.5#



#56
 Ethyl methacrylate
 Concen: 5.246 ug/l
 RT: 8.369 min Scan# 2186
 Delta R.T. 0.036 min
 Lab File: VU048722.D
 Acq: 28 May 2022 03:35

Tgt Ion:	69	Resp:	14273
Ion	Ratio	Lower	Upper
69	100		
41	139.9	50.6	76.0#
39	72.7	26.6	40.0#





#58

2-Chloroethyl Vinyl ether

Concen: 29.793 ug/l

RT: 7.526 min Scan# 1904

Delta R.T. 0.064 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

Instrument :

MSVOA_U

ClientSampleId :

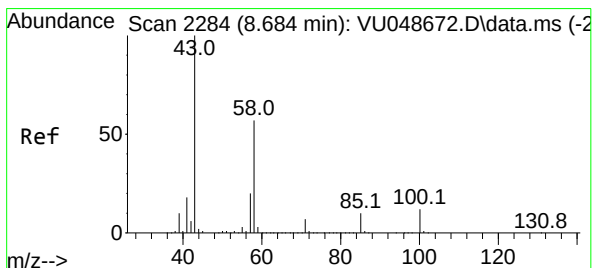
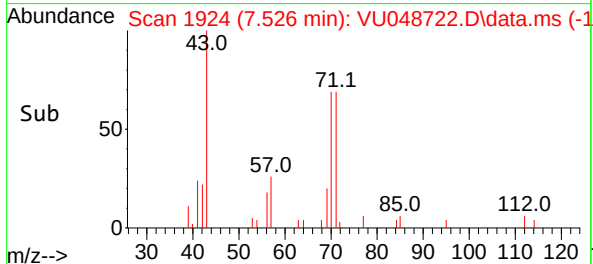
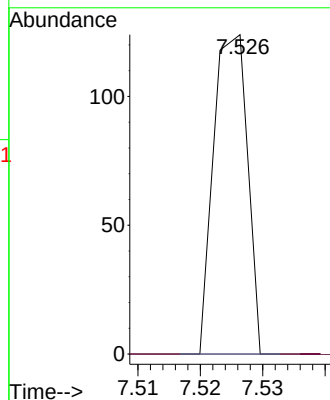
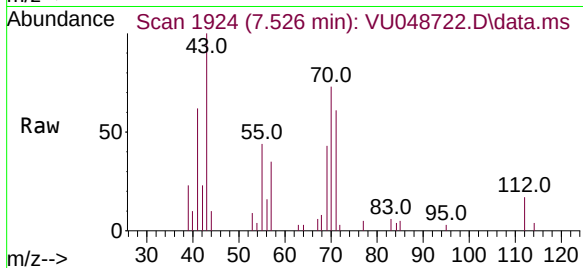
HW-2

Tgt Ion: 63 Resp: 47

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#



#59

2-Hexanone

Concen: 1.097 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VU048722.D

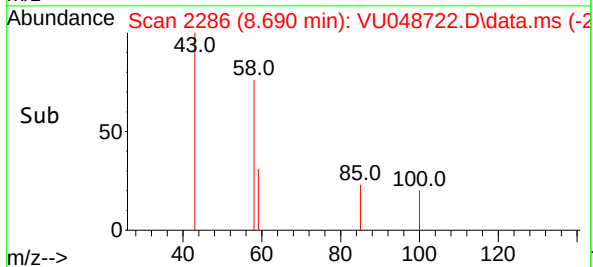
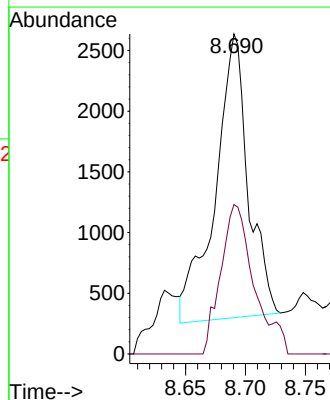
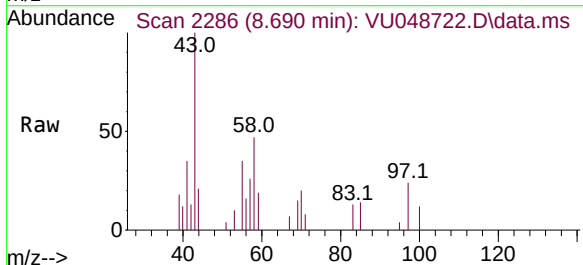
Acq: 28 May 2022 03:35

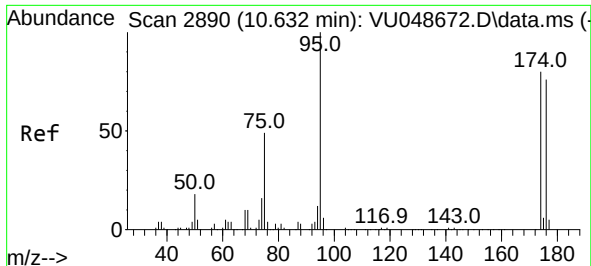
Tgt Ion: 43 Resp: 4475

Ion Ratio Lower Upper

43 100

58 53.2 28.2 84.6

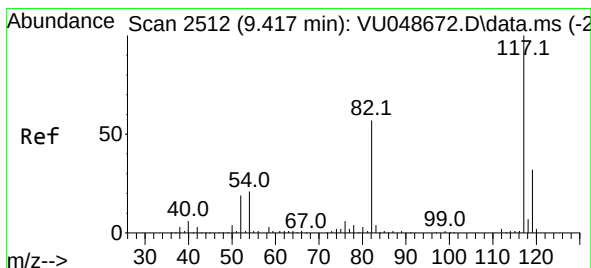
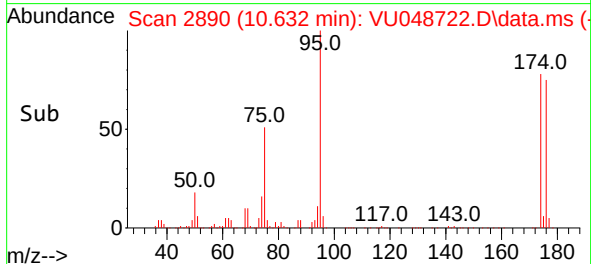
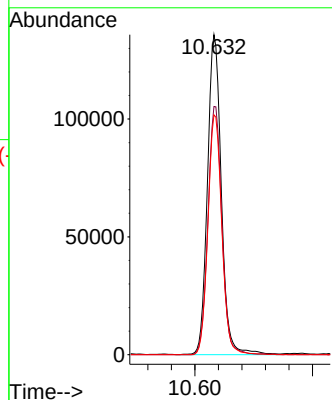
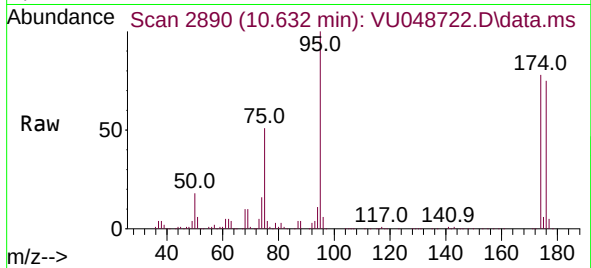




#62
4-Bromofluorobenzene
Concen: 57.391 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

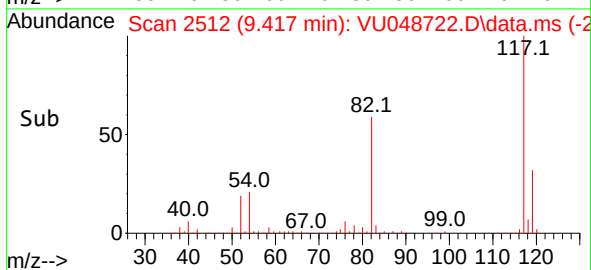
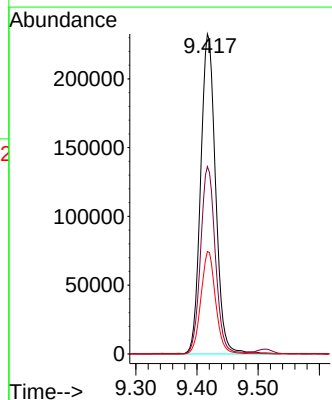
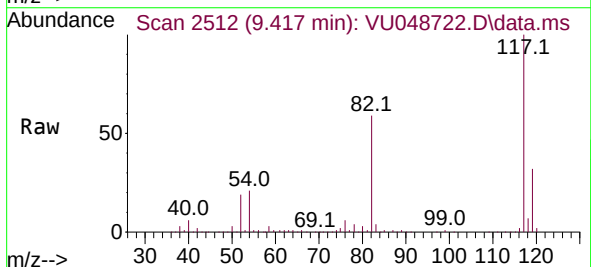
Instrument :
MSVOA_U
ClientSampleId :
HW-2

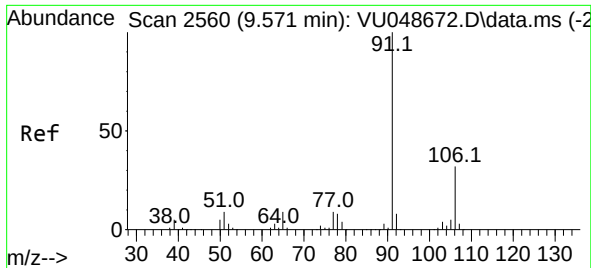
Tgt Ion: 95 Resp: 222375
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.4
176 75.0 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 117 Resp: 394834
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 32.0 25.4 38.2

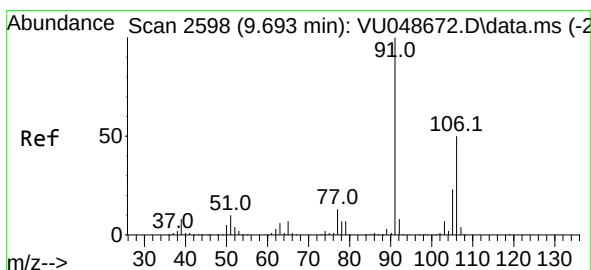
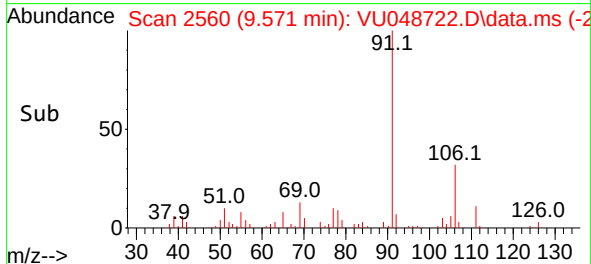
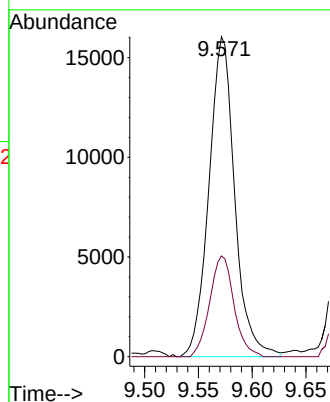
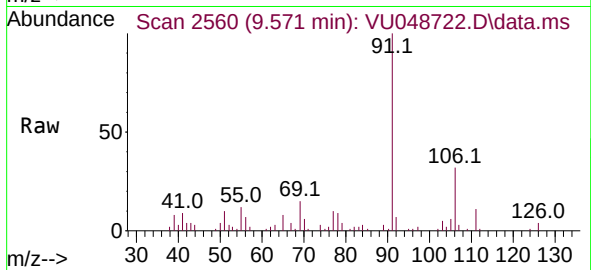




#67
Ethyl Benzene
Concen: 1.900 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

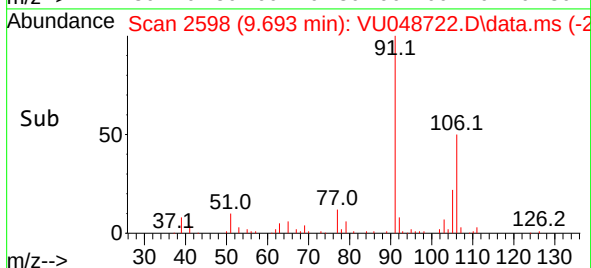
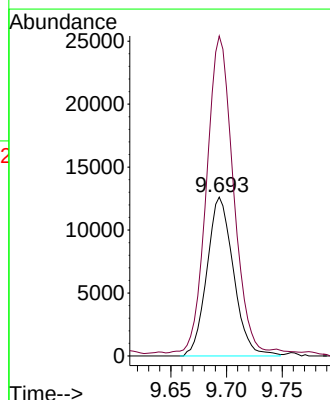
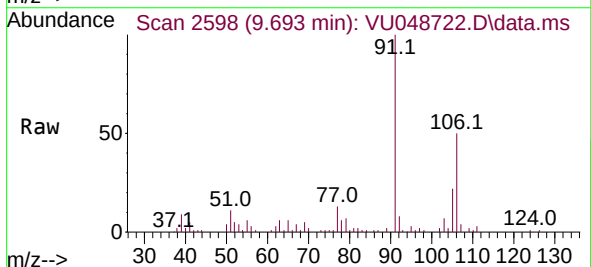
Instrument :
MSVOA_U
ClientSampleId :
HW-2

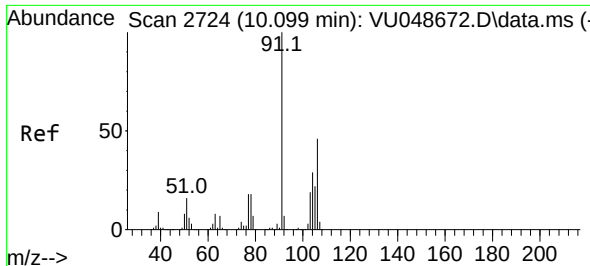
Tgt Ion: 91 Resp: 26766
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 3.794 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 106 Resp: 20899
Ion Ratio Lower Upper
106 100
91 199.6 162.4 243.6

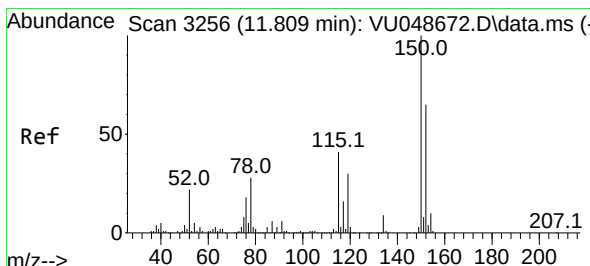
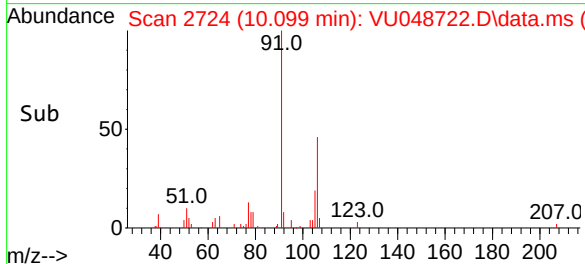
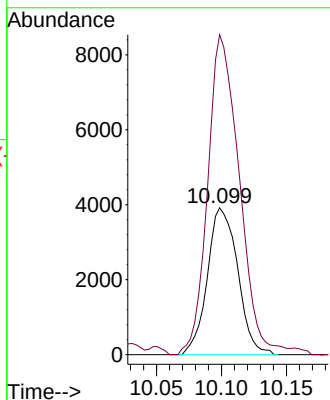
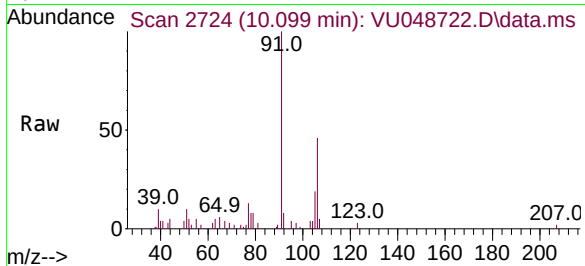




#69
o-Xylene
Concen: 1.176 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

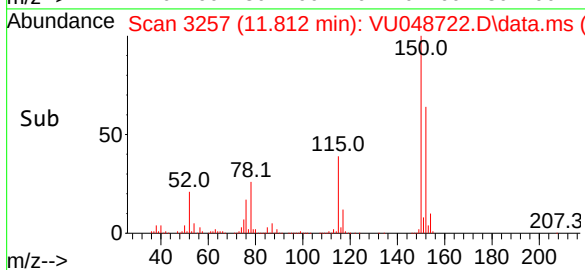
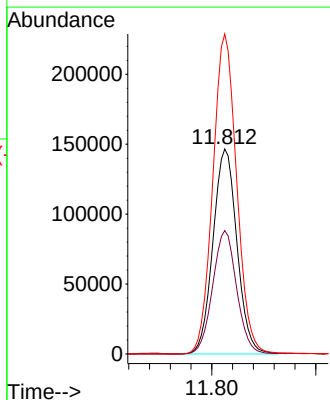
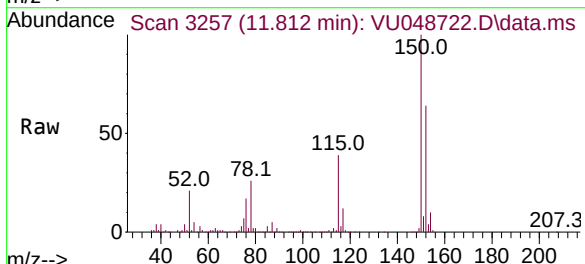
Instrument :
MSVOA_U
ClientSampleId :
HW-2

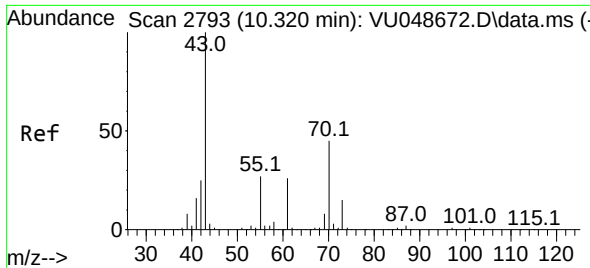
Tgt Ion:106 Resp: 6363
Ion Ratio Lower Upper
106 100
91 228.4 107.7 323.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion:152 Resp: 234939
Ion Ratio Lower Upper
152 100
115 60.3 41.8 125.4
150 155.3 0.0 341.0



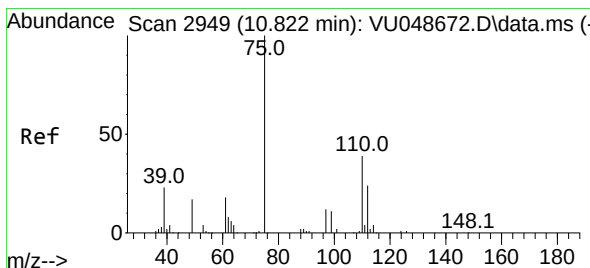
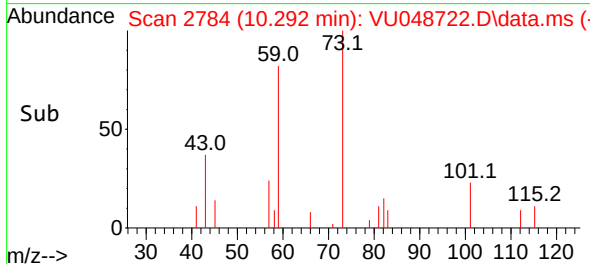
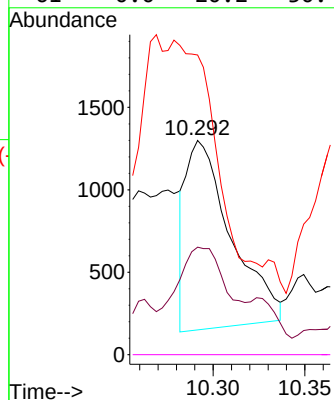
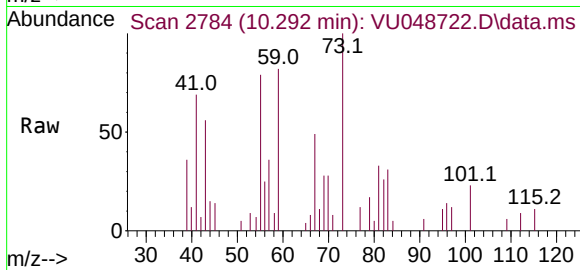


#74
N-amy1 acetate
Concen: 2.709 ug/l
RT: 10.292 min Scan# 21
Delta R.T. -0.028 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Instrument :
MSVOA_U
ClientSampleId :
HW-2

Tgt Ion: 43 Resp: 1959

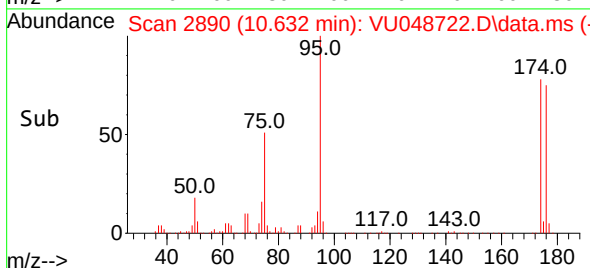
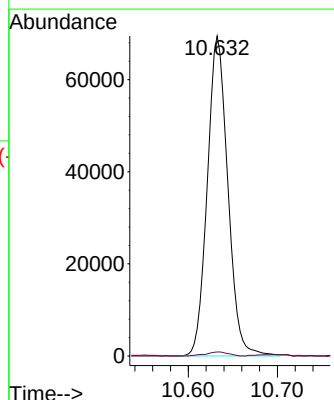
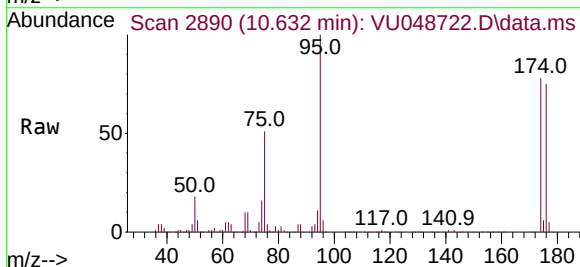
Ion	Ratio	Lower	Upper
43	100		
70	39.6	35.8	53.6
55	0.0	21.1	31.7#
61	0.0	20.2	30.4#

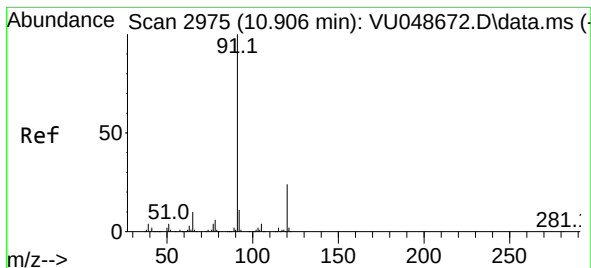


#76
1,2,3-Trichloropropane
Concen: 14.680 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 75 Resp: 111200

Ion	Ratio	Lower	Upper
75	100		
77	1.4	14.8	44.3#





#78

n-propylbenzene

Concen: 0.446 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. 0.000 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

Instrument :

MSVOA_U

ClientSampleId :

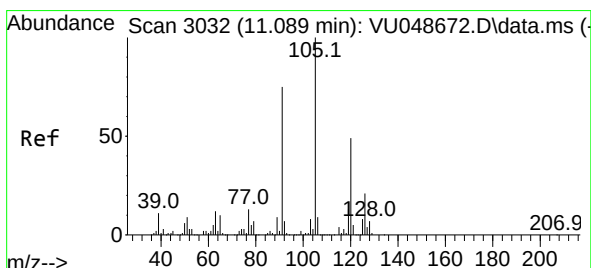
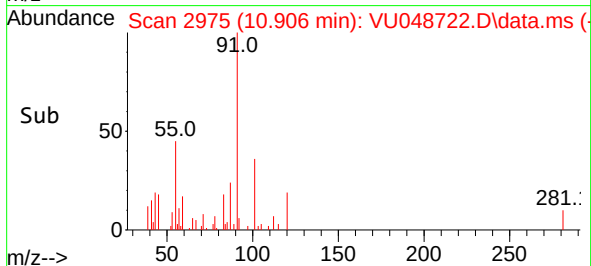
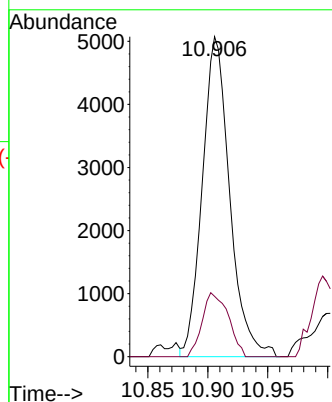
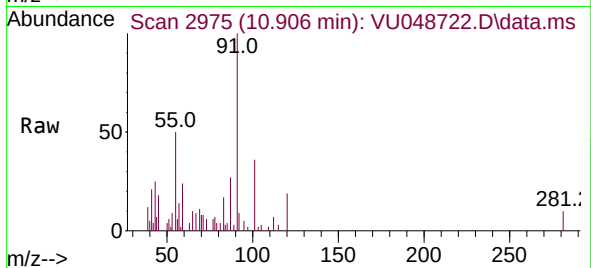
HW-2

Tgt Ion: 91 Resp: 8057

Ion Ratio Lower Upper

91 100

120 19.0 11.6 34.7



#80

1,3,5-Trimethylbenzene

Concen: 0.488 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048722.D

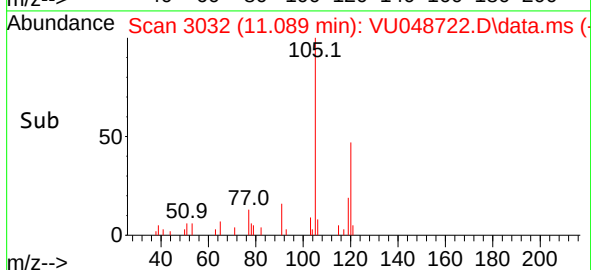
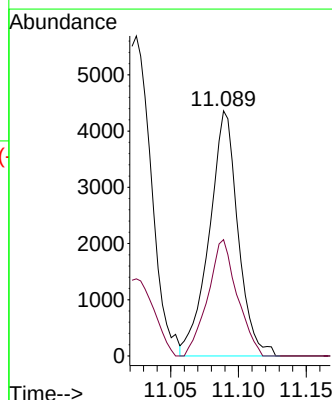
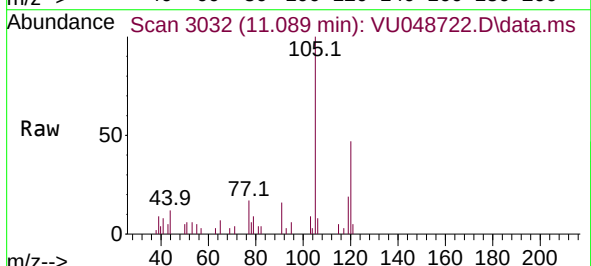
Acq: 28 May 2022 03:35

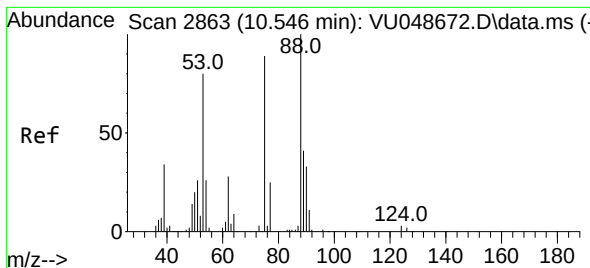
Tgt Ion: 105 Resp: 6435

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3

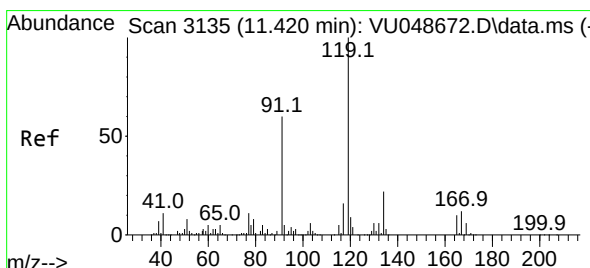
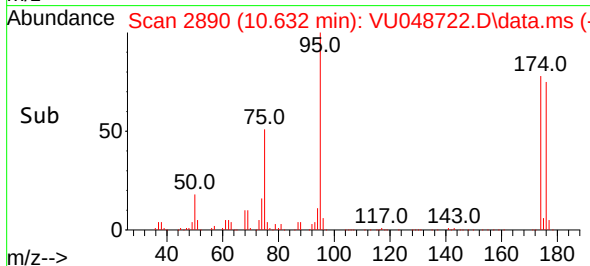
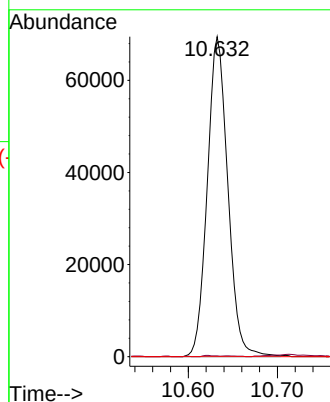
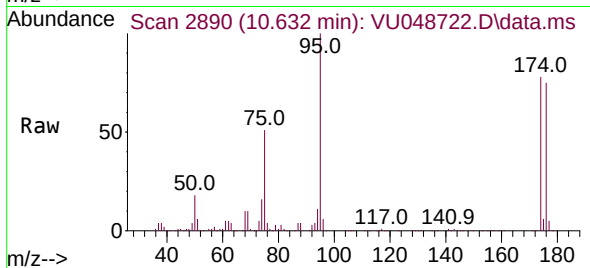




#81
trans-1,4-Dichloro-2-butene
Concen: 53.301 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

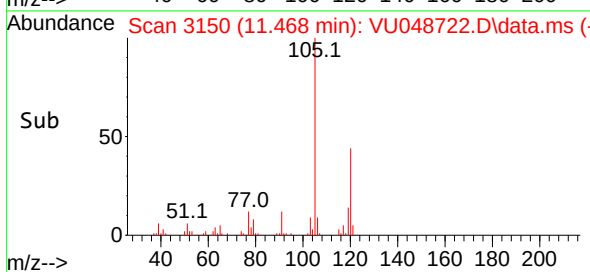
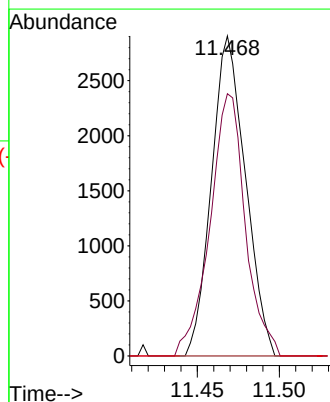
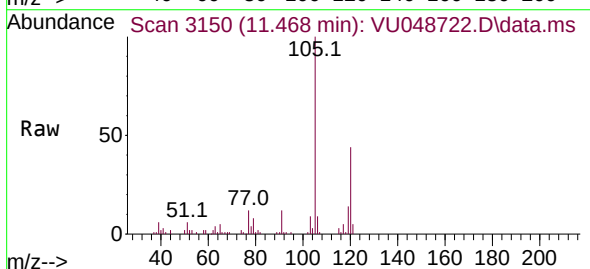
Instrument :
MSVOA_U
ClientSampleId :
HW-2

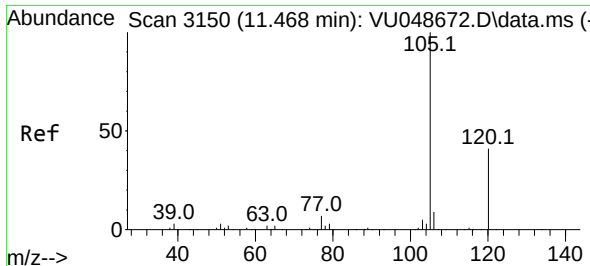
Tgt Ion: 75 Resp: 111200
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.0 37.0 55.4#



#83
tert-Butylbenzene
Concen: 0.330 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.048 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion: 119 Resp: 4175
Ion Ratio Lower Upper
119 100
91 85.0 28.7 86.1
134 0.0 10.8 32.4#

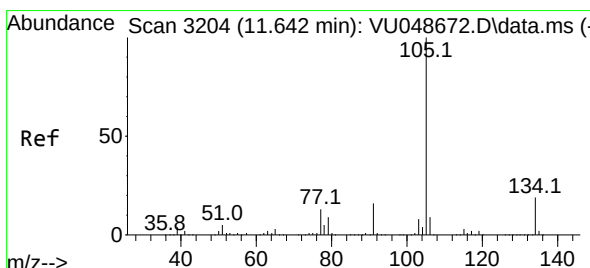
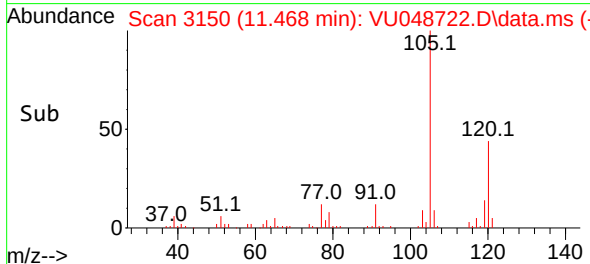
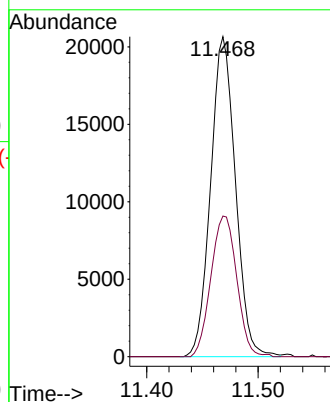
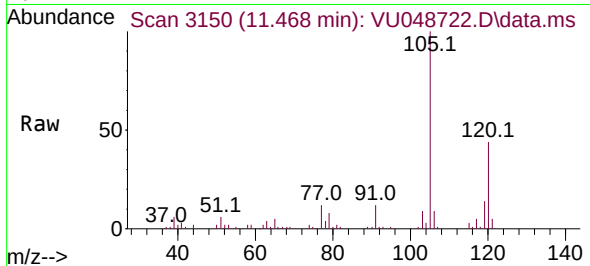




#84
1,2,4-Trimethylbenzene
Concen: 3.383 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

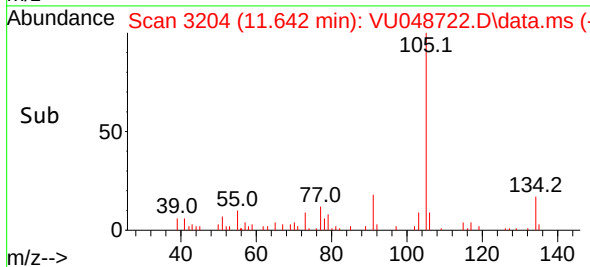
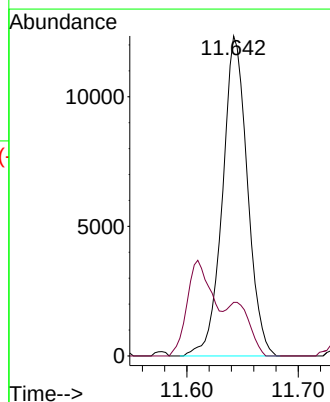
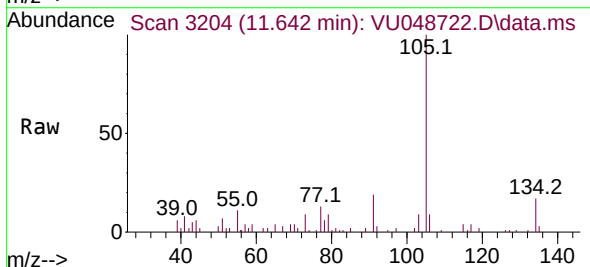
Instrument :
MSVOA_U
ClientSampleId :
HW-2

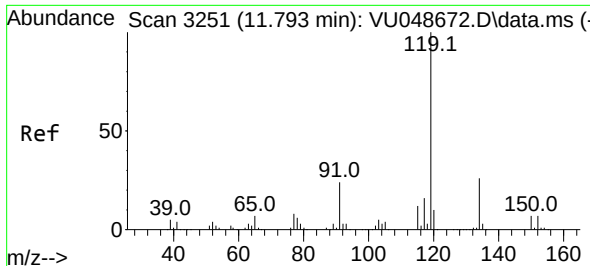
Tgt Ion:105 Resp: 31975
Ion Ratio Lower Upper
105 100
120 45.8 22.5 67.5



#85
sec-Butylbenzene
Concen: 1.210 ug/l
RT: 11.642 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion:105 Resp: 19170
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#

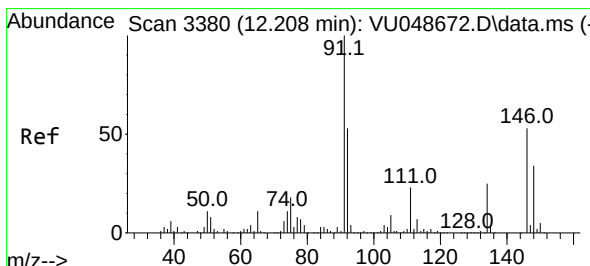
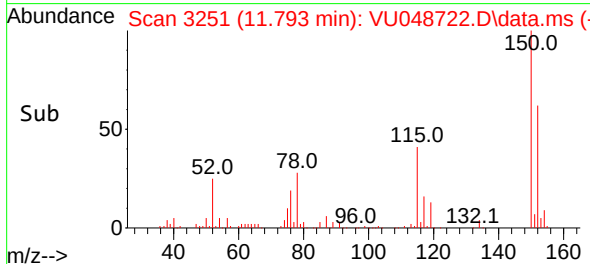
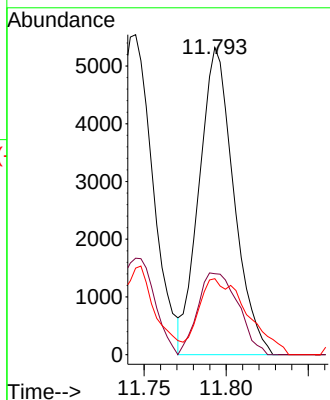
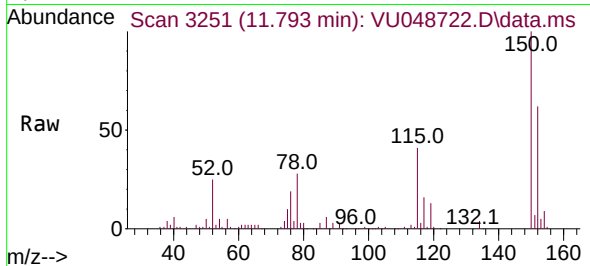




#86
p-Isopropyltoluene
Concen: 0.574 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

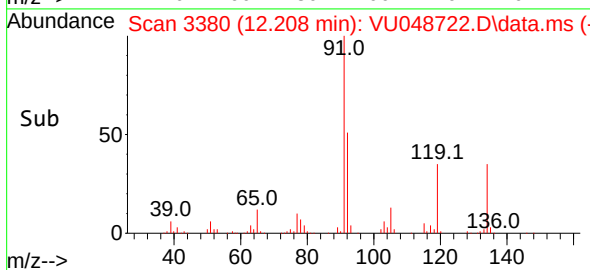
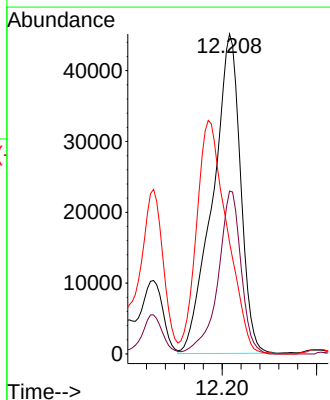
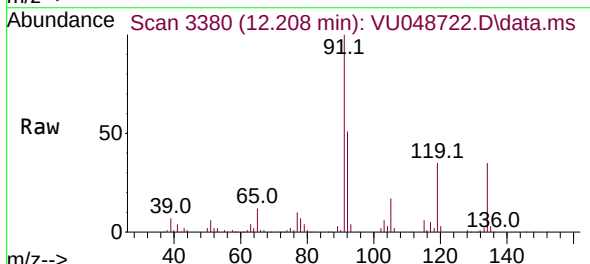
Instrument :
MSVOA_U
ClientSampleId :
HW-2

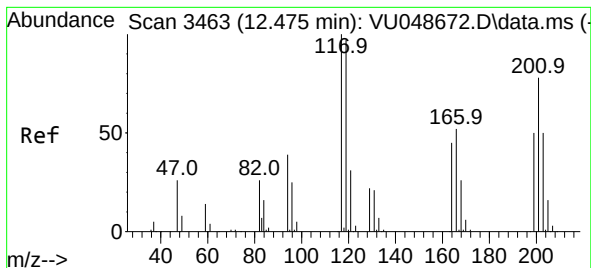
Tgt Ion:	119	Resp:	7805
Ion	Ratio	Lower	Upper
119	100		
134	31.1	12.8	38.4
91	34.6	12.0	36.0



#89
n-Butylbenzene
Concen: 8.634 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion:	91	Resp:	91806
Ion	Ratio	Lower	Upper
91	100		
92	42.4	25.9	77.8
134	0.0	12.5	37.5#





#90

Hexachloroethane

Concen: 0.989 ug/l

RT: 12.465 min Scan# 3460

Delta R.T. -0.010 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

Instrument :

MSVOA_U

ClientSampleId :

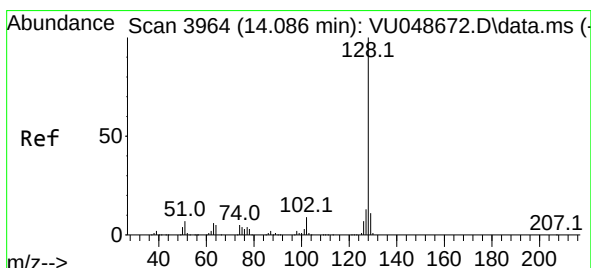
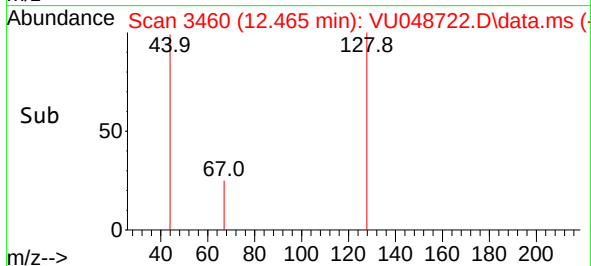
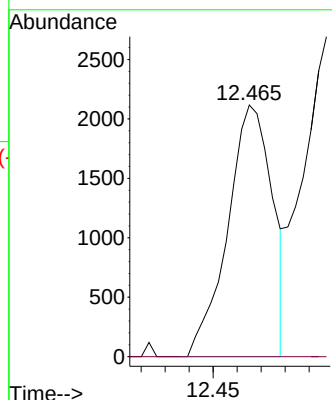
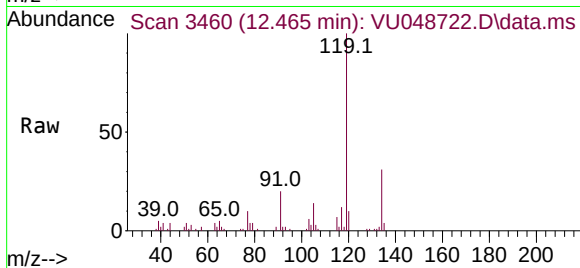
HW-2

Tgt Ion:117 Resp: 2744

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#



#95

Naphthalene

Concen: 7.545 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

Tgt Ion:128 Resp: 97635

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.7 8.7 13.1

