

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048718.D
 Acq On : 28 May 2022 02:01
 Operator : SY/MD
 Sample : N3033-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-20

Quant Time: May 30 02:59:17 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	221897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	390063	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	395178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	237833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	169821	50.960	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.920%	
35) Dibromofluoromethane	5.292	113	145250	52.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.400%	
50) Toluene-d8	7.899	98	462715	46.386	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.780%	
62) 4-Bromofluorobenzene	10.632	95	214536	56.867	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.740%	

Target Compounds				Qvalue		
5) Bromomethane	1.861	94	74	Below Cal	#	3
6) Chloroethane	2.025	64	367	Below Cal	#	87
11) Tert butyl alcohol	3.170	59	40107	47.471	ug/l #	28
13) Acrolein	2.466	56	1729	1.960	ug/l #	1
14) Allyl chloride	2.974	41	4824	1.103	ug/l #	28
15) Acrylonitrile	3.363	53	13212	7.210	ug/l #	37
16) Acetone	2.601	43	76253	44.899	ug/l #	53
18) Methyl Acetate	3.044	43	183117	42.945	ug/l #	51
19) Methyl tert-butyl Ether	3.363	73	188540	22.002	ug/l #	1
20) Methylene Chloride	3.041	84	1732	0.600	ug/l #	1
22) Diisopropyl ether	3.996	45	5729	0.710	ug/l #	82
23) Vinyl Acetate	3.983	43	4739	0.678	ug/l #	72
25) 2-Butanone	4.710	43	2264	0.928	ug/l #	52
26) 2,2-Dichloropropane	4.533	77	4020	0.884	ug/l #	54
30) Chloroform	5.125	83	6126	1.208	ug/l	99
31) Cyclohexane	5.388	56	189996	45.241	ug/l	97
36) 1,1-Dichloropropene	5.375	75	18135	4.465	ug/l #	49
37) Ethyl Acetate	4.710	43	2264	0.441	ug/l #	68
38) Carbon Tetrachloride	5.375	117	23282	4.997	ug/l #	17
39) Methylcyclohexane	6.764	83	157620	37.013	ug/l	99
40) Benzene	5.777	78	19898	1.659	ug/l	96
41) Methacrylonitrile	4.977	41	1155	0.445	ug/l #	39
43) Isopropyl Acetate	5.899	43	34865	4.679	ug/l #	60
45) 1,2-Dichloropropane	6.764	63	2347	0.778	ug/l #	1
48) Methyl methacrylate	6.983	41	17588	5.257	ug/l #	48
51) 4-Methyl-2-Pentanone	7.787	43	1958	0.405	ug/l	87
52) Toluene	7.970	92	398084	55.504	ug/l	98
53) t-1,3-Dichloropropene	7.970	75	4825	0.981	ug/l #	1
55) 1,1,2-Trichloroethane	8.369	97	27208	8.596	ug/l #	18
56) Ethyl methacrylate	8.366	69	7861	4.103	ug/l #	28
58) 2-Chloroethyl Vinyl ether	7.462	63	110	29.843	ug/l #	47
59) 2-Hexanone	8.829	43	5336	1.343	ug/l	95
67) Ethyl Benzene	9.571	91	8800296	624.280	ug/l	99
68) m/p-Xylenes	9.697	106	5718372	1037.182	ug/l	98
69) o-Xylene	10.102	106	3117387	575.520	ug/l	98
70) Styrene	10.105	104	189110	21.226	ug/l #	1

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

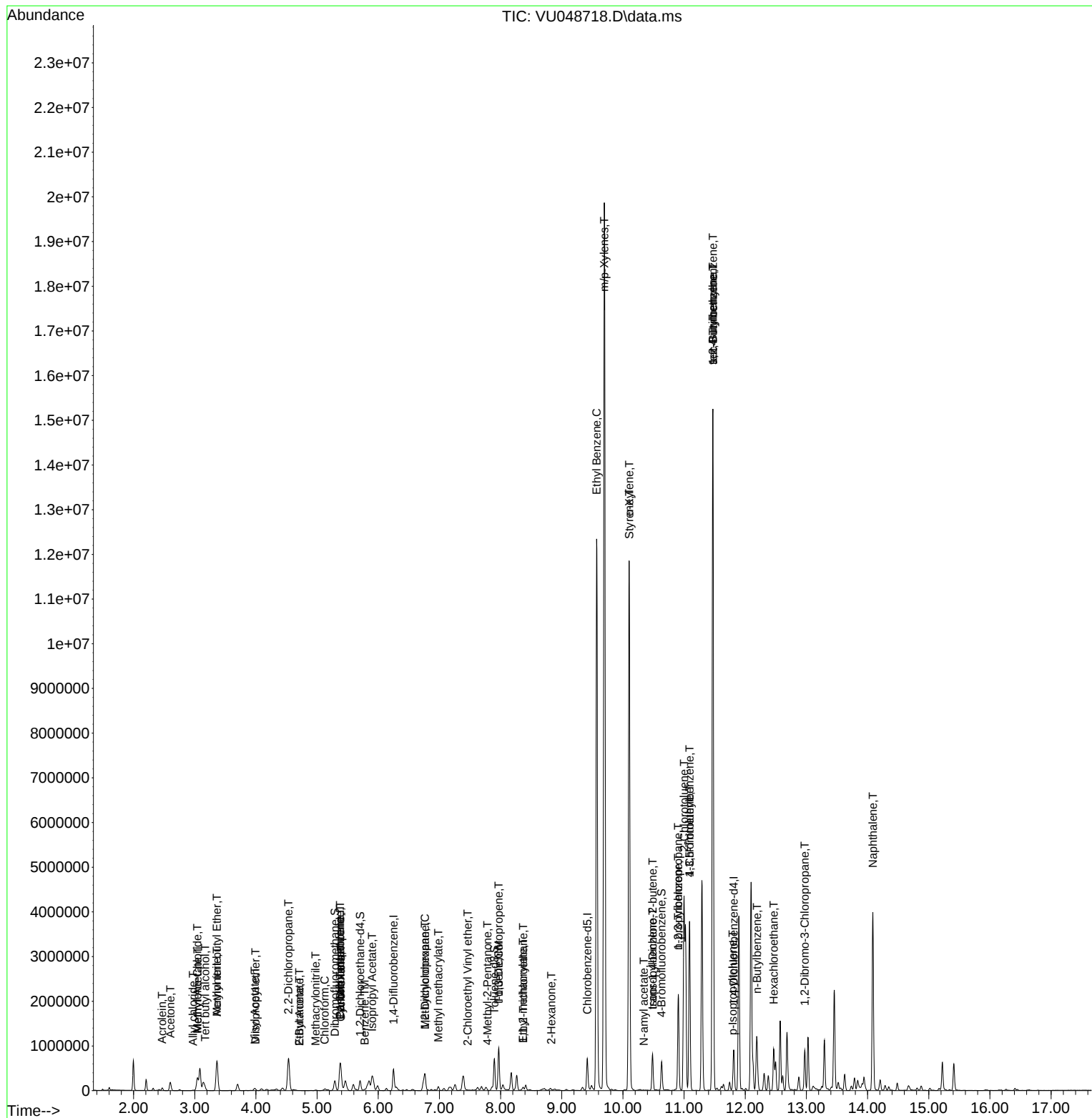
73) Isopropylbenzene	10.485	105	519066	33.806	ug/l	99
74) N-amyl acetate	10.340	43	929	2.581	ug/l #	47
76) 1,2,3-Trichloropropane	10.906	75	10675	1.392	ug/l #	1
78) n-propylbenzene	10.906	91	1623435	88.731	ug/l	99
79) 2-Chlorotoluene	10.999	91	329520	28.962	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.089	105	2093991	156.822	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.485	75	6226	2.948	ug/l #	62
82) 4-Chlorotoluene	11.089	91	219238	16.701	ug/l #	46
83) tert-Butylbenzene	11.472	119	1005558	78.465	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.472	105	8496393	577.590	ug/l	99
85) sec-Butylbenzene	11.472	105	8496393	529.947	ug/l #	58
86) p-Isopropyltoluene	11.793	119	39579	2.875	ug/l	95
89) n-Butylbenzene	12.192	91	202033	16.205	ug/l #	15
90) Hexachloroethane	12.465	117	50536	17.985	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.973	75	3853	2.136	ug/l #	4
95) Naphthalene	14.086	128	3113054	160.399	ug/l	100

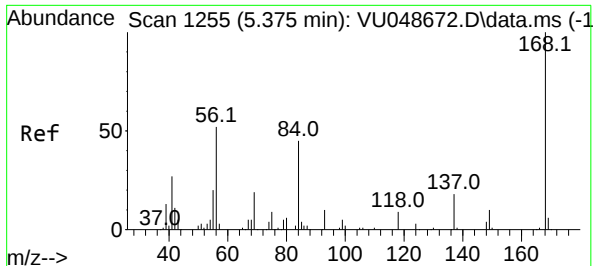
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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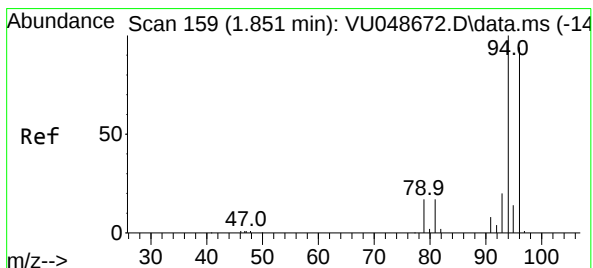
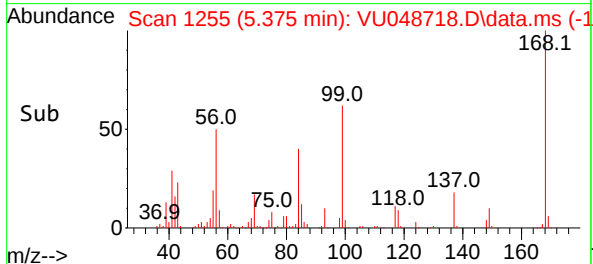
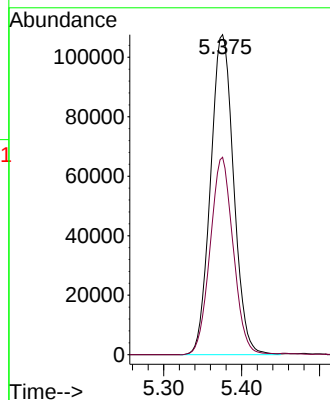
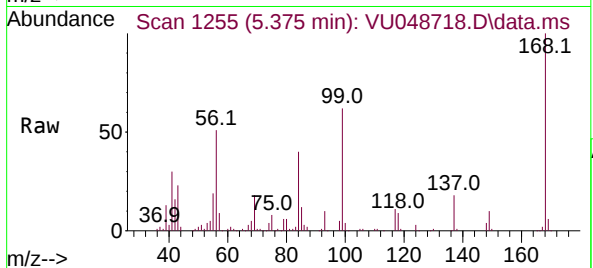




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

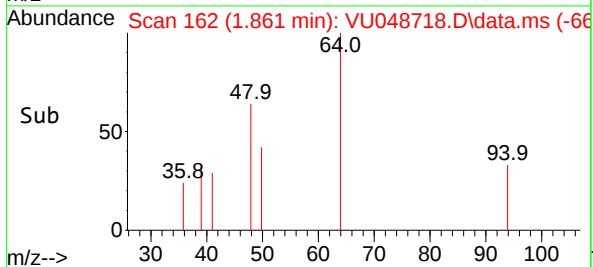
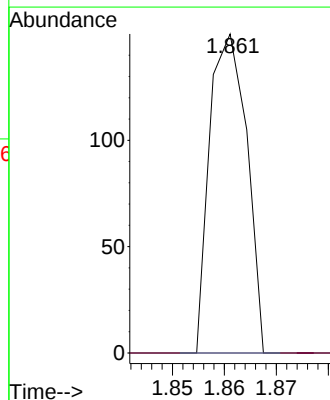
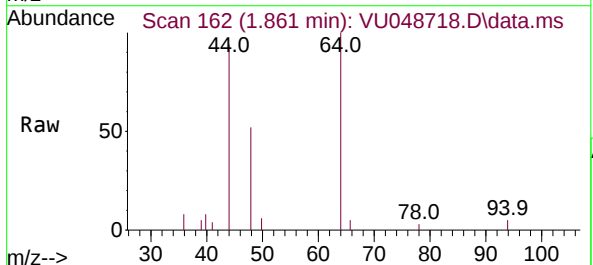
Instrument :
MSVOA_U
ClientSampleId :
TW-20

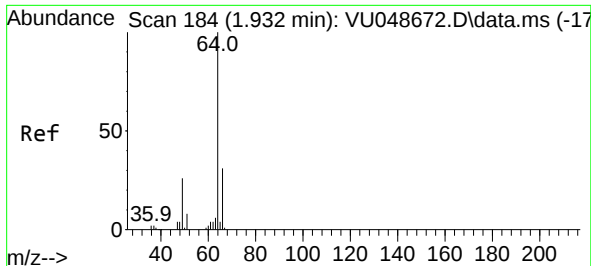
Tgt Ion:168 Resp: 221897
Ion Ratio Lower Upper
168 100
99 61.7 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.861 min Scan# 162
Delta R.T. 0.010 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 94 Resp: 74
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

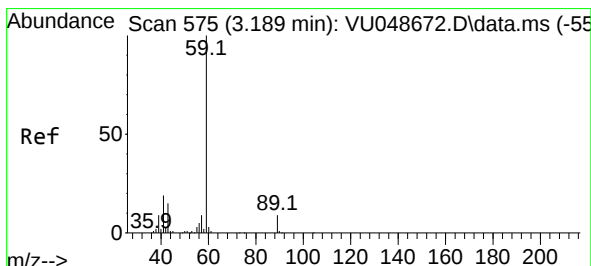
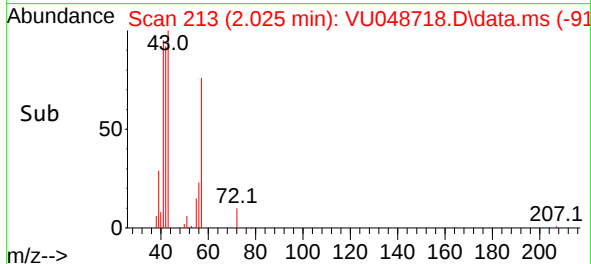
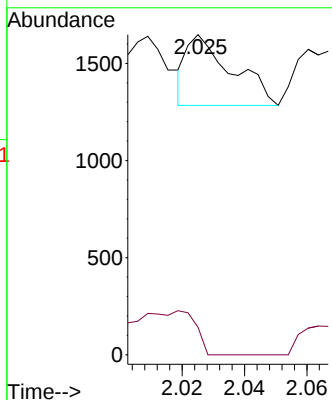
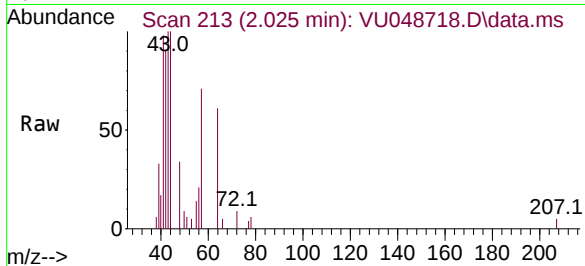




#6
Chloroethane
Concen: Below Cal
RT: 2.025 min Scan# 213
Delta R.T. 0.093 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

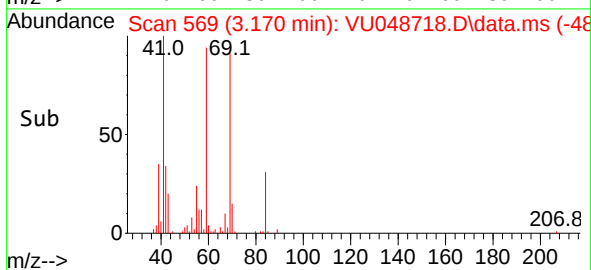
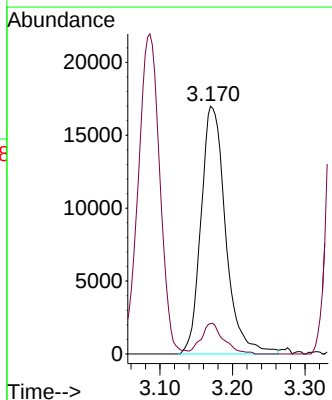
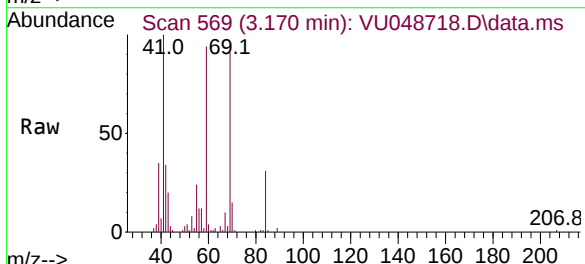
Instrument :
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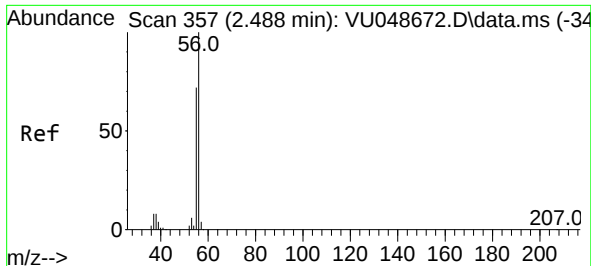
Tgt Ion: 64 Resp: 367
Ion Ratio Lower Upper
64 100
66 38.7 25.2 37.8#



#11
Tert butyl alcohol
Concen: 47.471 ug/l
RT: 3.170 min Scan# 569
Delta R.T. -0.019 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 59 Resp: 40107
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

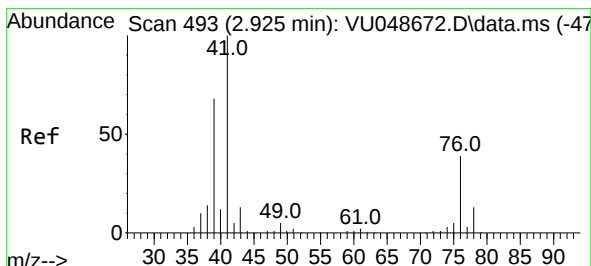
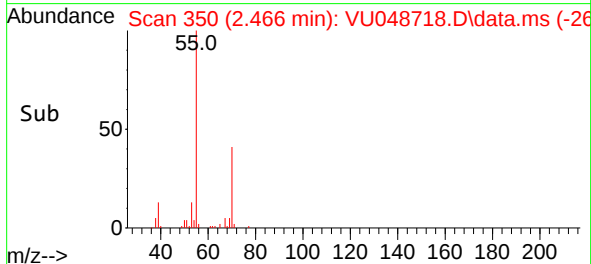
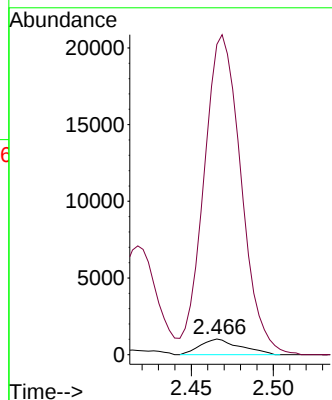
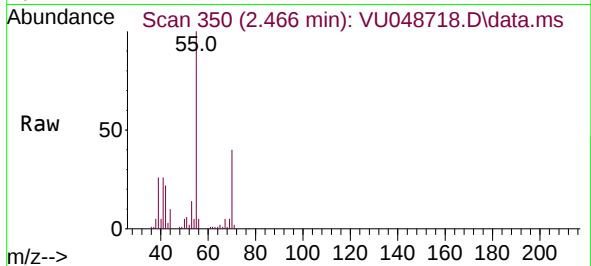




#13
Acrolein
Concen: 1.960 ug/l
RT: 2.466 min Scan# 31
Delta R.T. -0.022 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

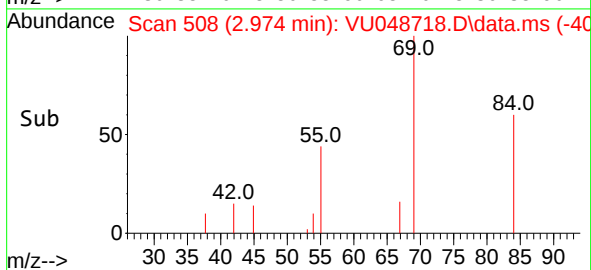
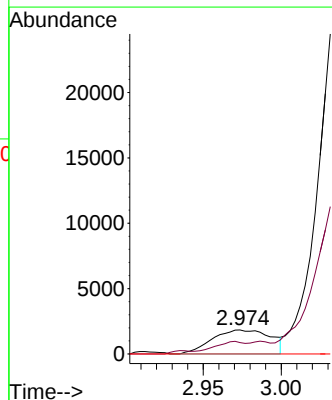
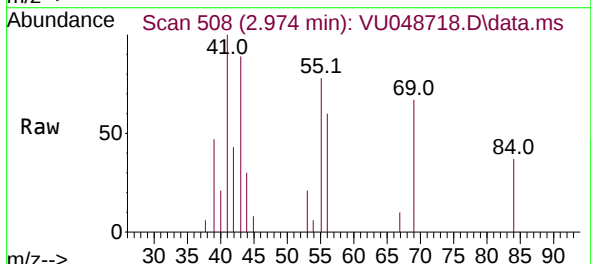
Instrument :
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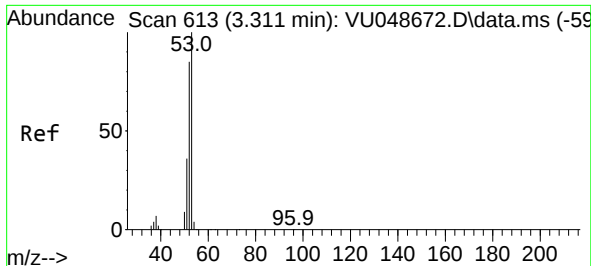
Tgt Ion: 56 Resp: 1729
Ion Ratio Lower Upper
56 100
55 1897.0 57.7 86.5#



#14
Allyl chloride
Concen: 1.103 ug/l
RT: 2.974 min Scan# 508
Delta R.T. 0.048 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 41 Resp: 4824
Ion Ratio Lower Upper
41 100
39 0.0 48.6 72.8#
76 0.0 27.0 40.4#

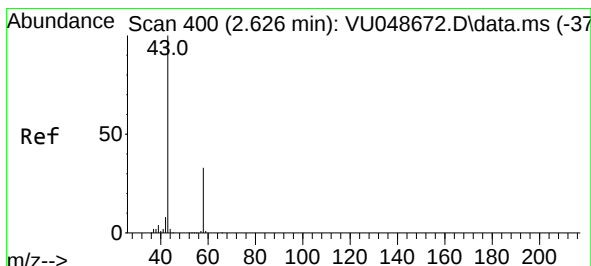
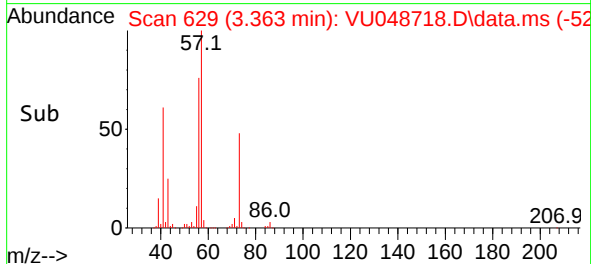
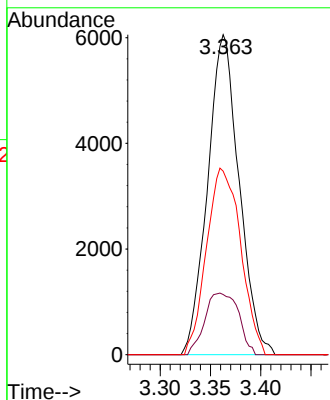
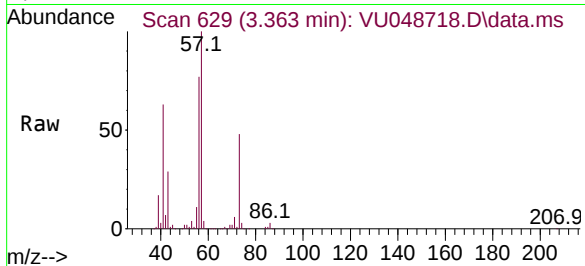




#15
Acrylonitrile
Concen: 7.210 ug/l
RT: 3.363 min Scan# 61
Delta R.T. 0.052 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

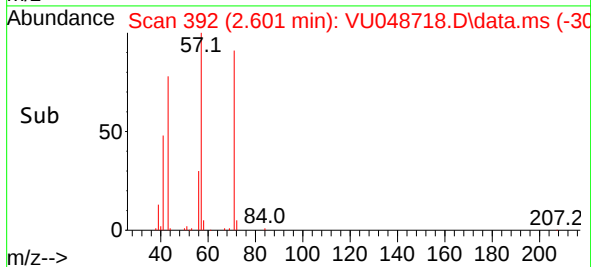
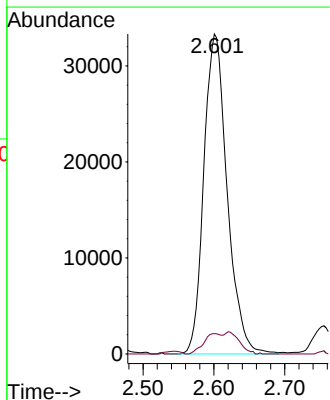
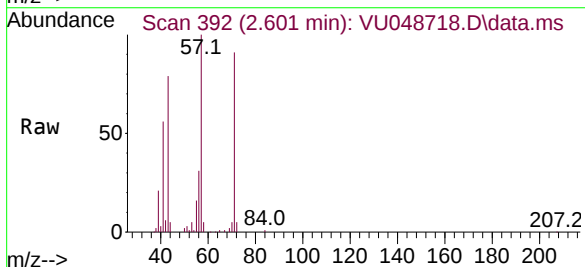
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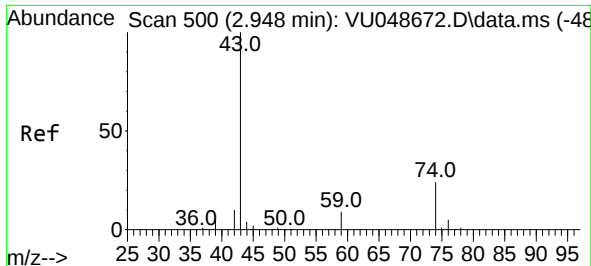
Tgt Ion: 53 Resp: 13212
Ion Ratio Lower Upper
53 100
52 20.5 66.3 99.5#
51 63.1 28.6 42.8#



#16
Acetone
Concen: 44.899 ug/l
RT: 2.601 min Scan# 392
Delta R.T. -0.026 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 43 Resp: 76253
Ion Ratio Lower Upper
43 100
58 6.4 26.3 39.5#

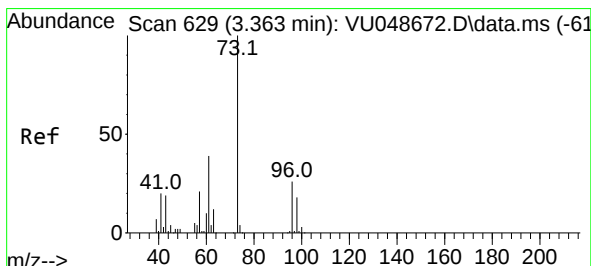
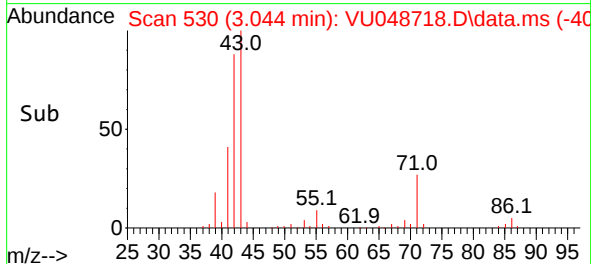
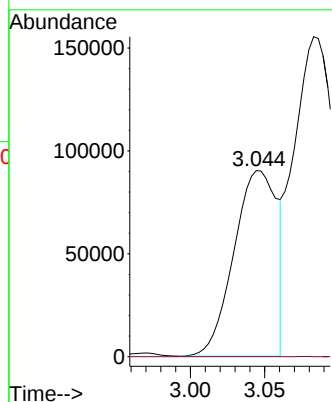
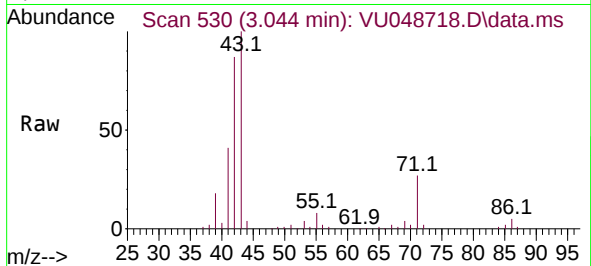




#18
Methyl Acetate
Concen: 42.945 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.097 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

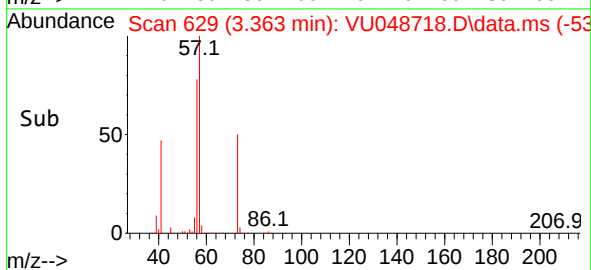
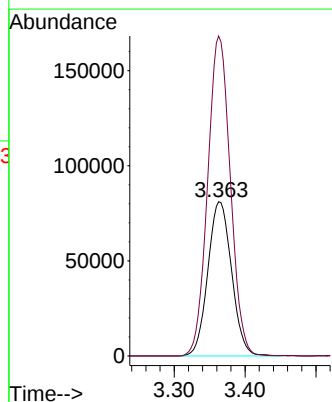
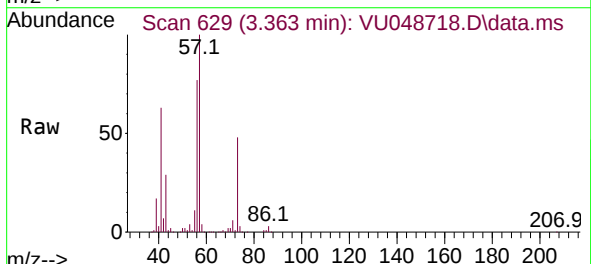
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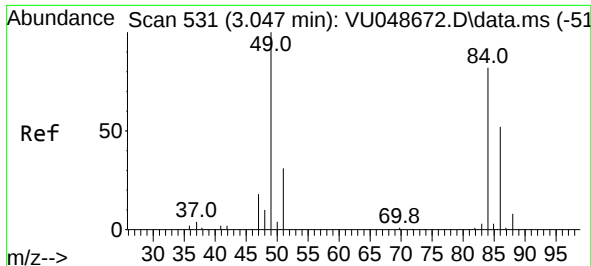
Tgt Ion: 43 Resp: 183117
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#19
Methyl tert-butyl Ether
Concen: 22.002 ug/l
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 73 Resp: 188540
Ion Ratio Lower Upper
73 100
57 207.4 17.1 25.7#

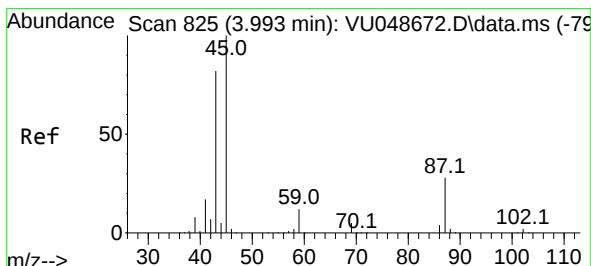
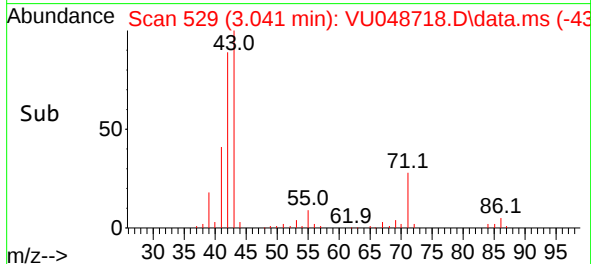
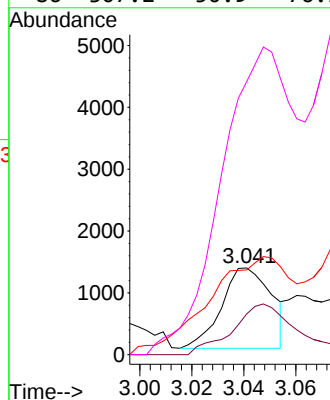
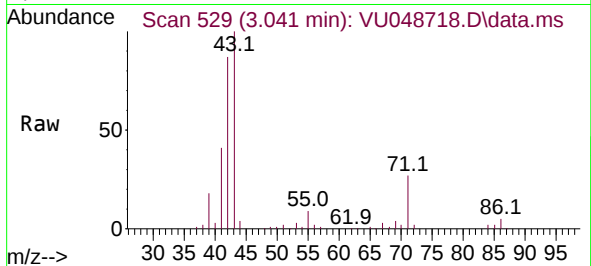




#20
Methylene Chloride
Concen: 0.600 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

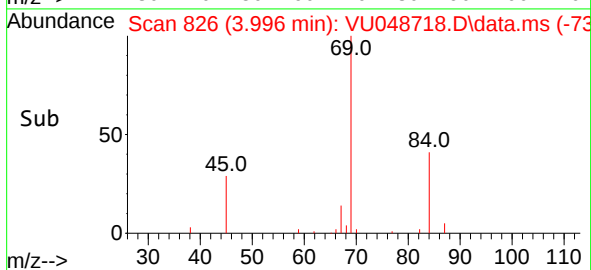
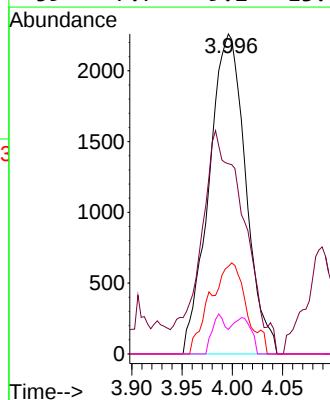
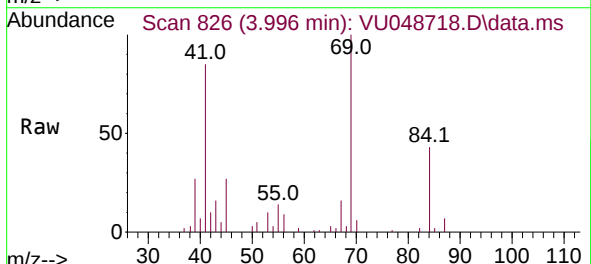
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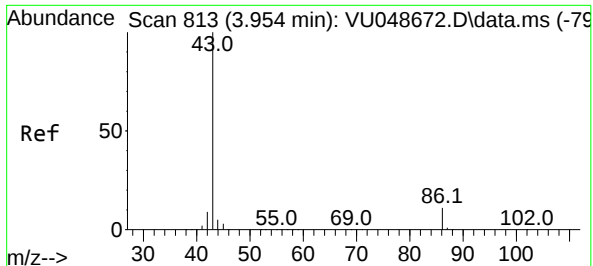
Tgt Ion: 84	Resp:	1732	
Ion	Ratio	Lower	Upper
84	100		
49	50.8	97.0	145.4#
51	72.5	29.8	44.8#
86	307.2	50.9	76.3#



#22
Diisopropyl ether
Concen: 0.710 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.003 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt	Ion: 45	Resp:	5729
Ion	Ratio	Lower	Upper
45	100		
43	59.5	65.2	97.8#
87	27.3	22.7	34.1
59	7.7	9.2	13.8#

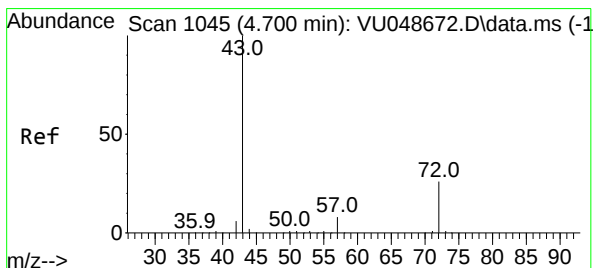
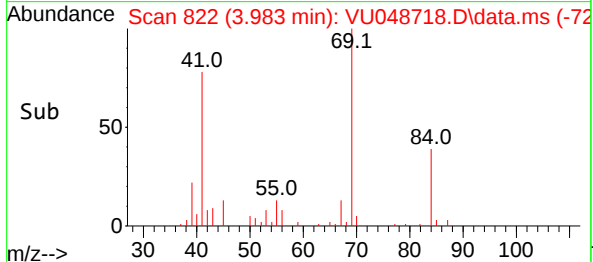
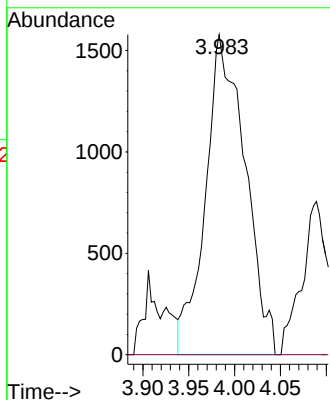
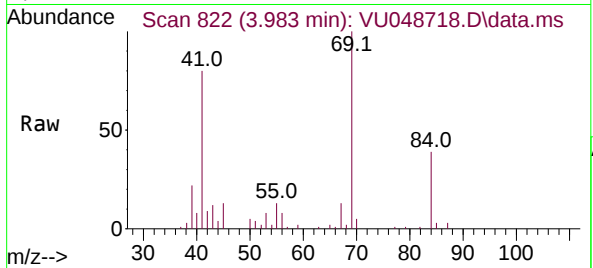




#23
 Vinyl Acetate
 Concen: 0.678 ug/l
 RT: 3.983 min Scan# 813
 Delta R.T. 0.029 min
 Lab File: VU048718.D
 Acq: 28 May 2022 02:01

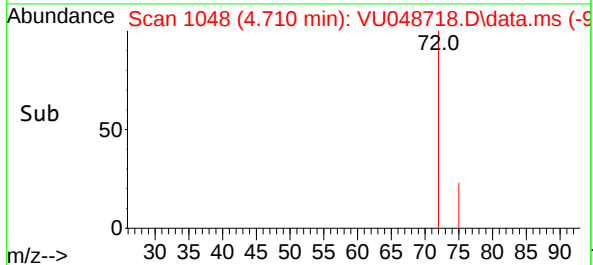
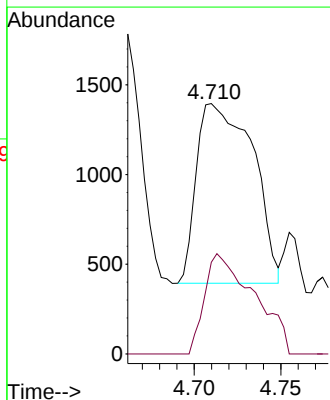
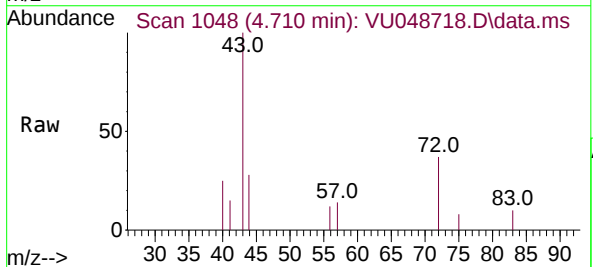
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-20

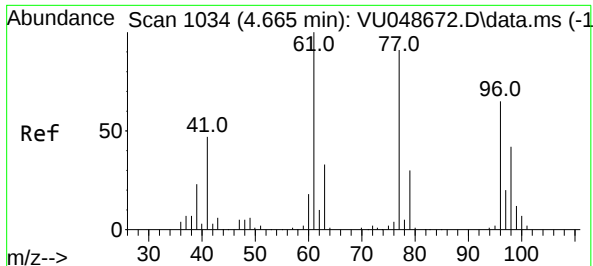
Tgt Ion: 43 Resp: 4739
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#25
 2-Butanone
 Concen: 0.928 ug/l
 RT: 4.710 min Scan# 1048
 Delta R.T. 0.010 min
 Lab File: VU048718.D
 Acq: 28 May 2022 02:01

Tgt Ion: 43 Resp: 2264
 Ion Ratio Lower Upper
 43 100
 72 51.0 21.1 31.7#





#26

2,2-Dichloropropane

Concen: 0.884 ug/l

RT: 4.533 min Scan# 94

Delta R.T. -0.132 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

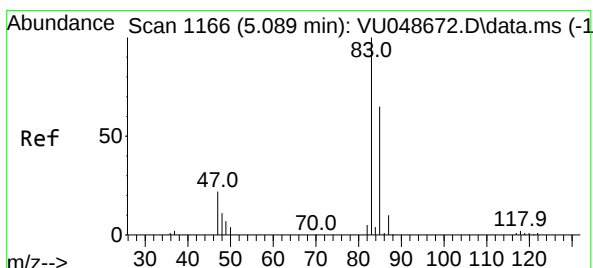
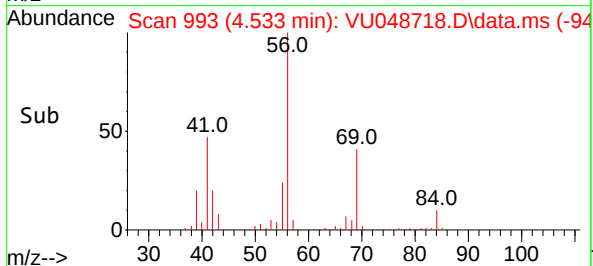
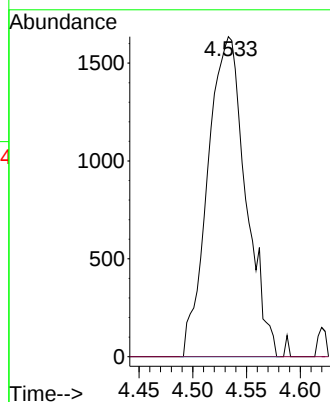
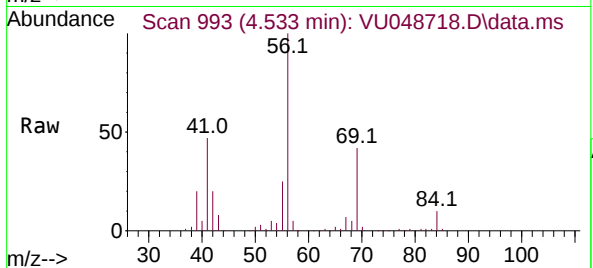
TW-20

Tgt Ion: 77 Resp: 4020

Ion Ratio Lower Upper

77 100

97 0.0 11.1 33.1#



#30

Chloroform

Concen: 1.208 ug/l

RT: 5.125 min Scan# 1177

Delta R.T. 0.035 min

Lab File: VU048718.D

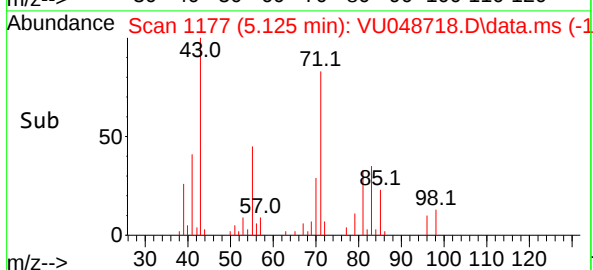
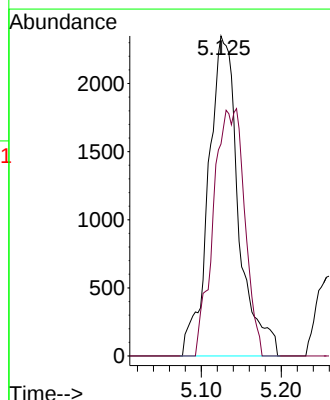
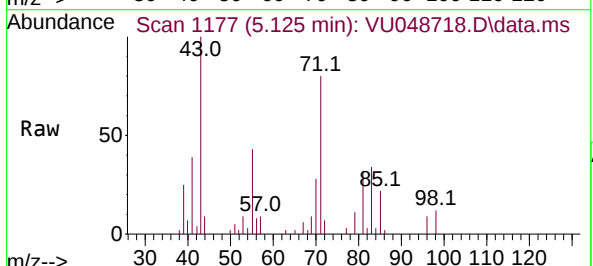
Acq: 28 May 2022 02:01

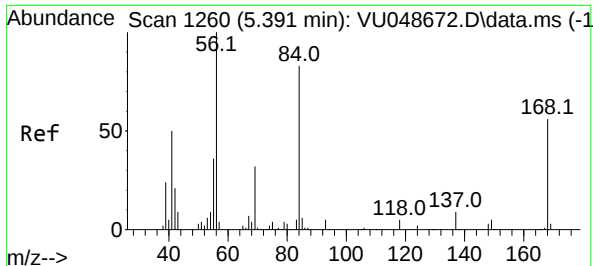
Tgt Ion: 83 Resp: 6126

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.2





#31

Cyclohexane

Concen: 45.241 ug/l

RT: 5.388 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

TW-20

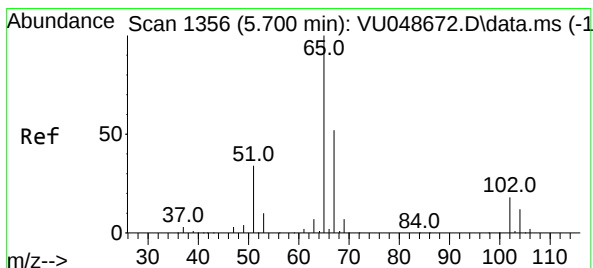
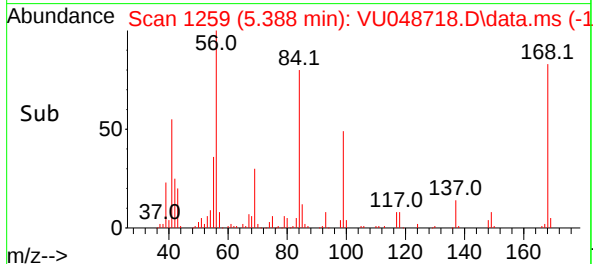
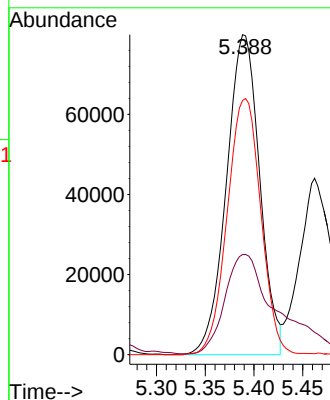
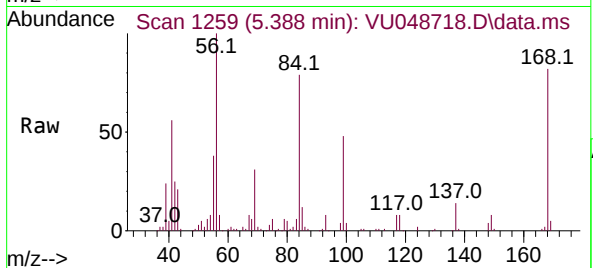
Tgt Ion: 56 Resp: 189996

Ion Ratio Lower Upper

56 100

69 31.0 25.6 38.4

84 79.5 66.2 99.4



#33

1,2-Dichloroethane-d4

Concen: 50.960 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048718.D

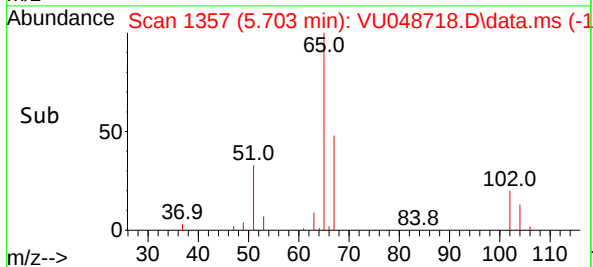
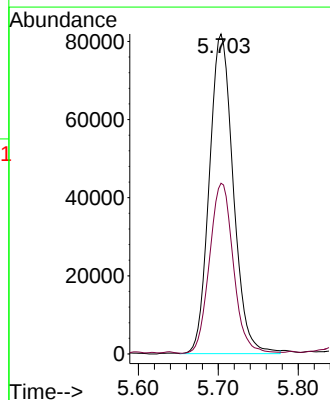
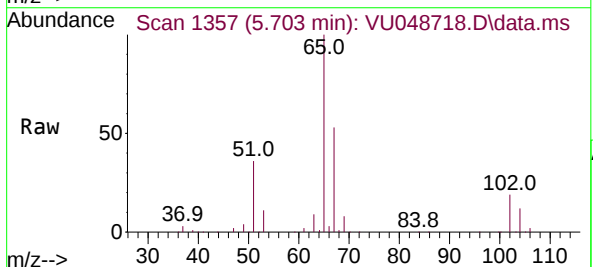
Acq: 28 May 2022 02:01

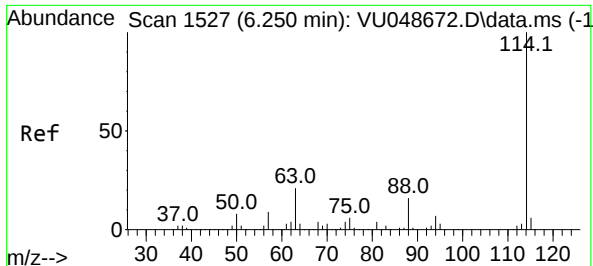
Tgt Ion: 65 Resp: 169821

Ion Ratio Lower Upper

65 100

67 53.1 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: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

TW-20

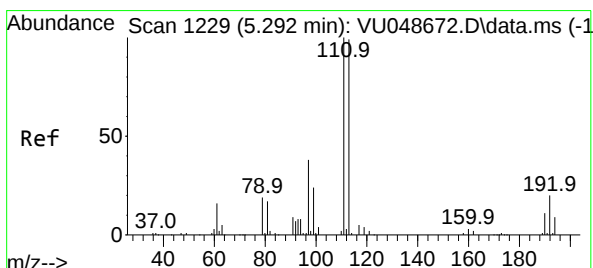
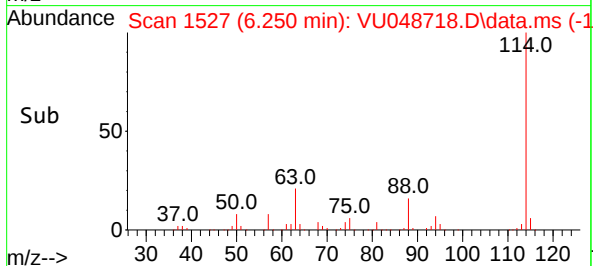
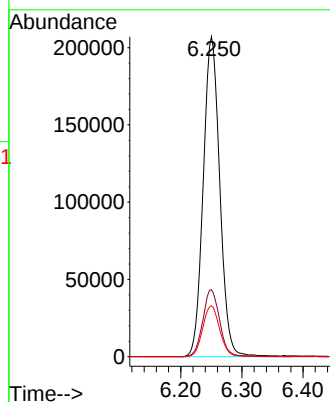
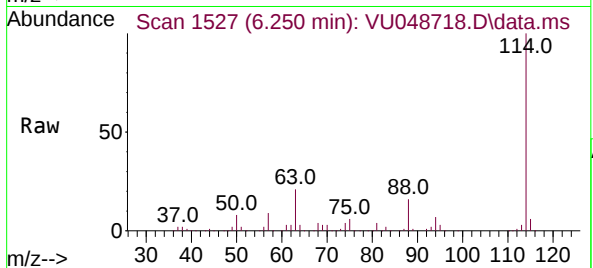
Tgt Ion:114 Resp: 390063

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.196 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

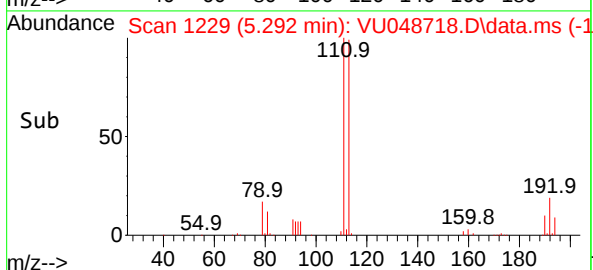
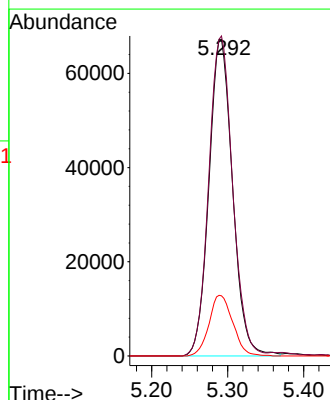
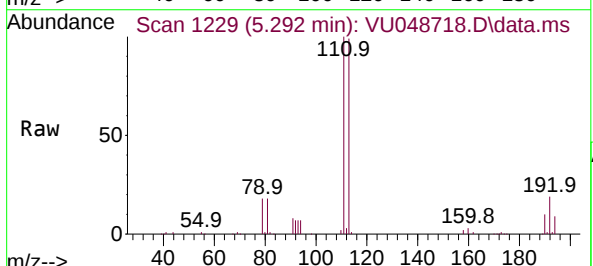
Tgt Ion:113 Resp: 145250

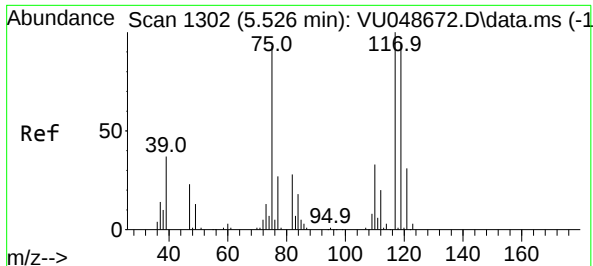
Ion Ratio Lower Upper

113 100

111 101.9 80.7 121.1

192 19.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.465 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

TW-20

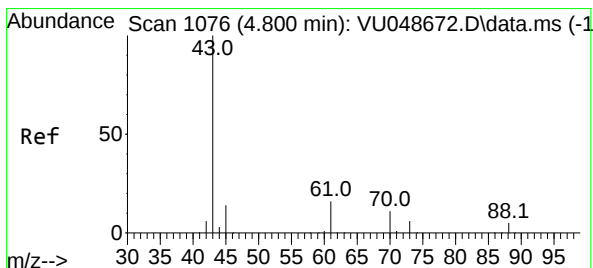
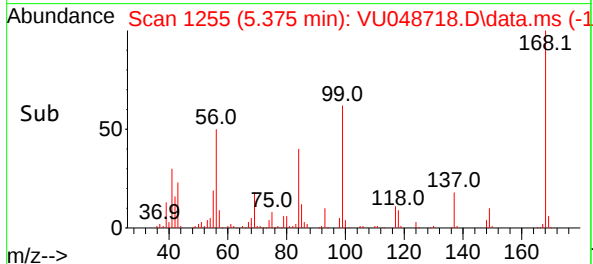
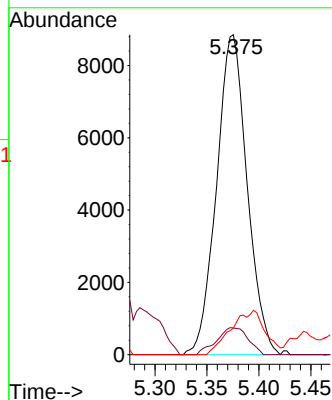
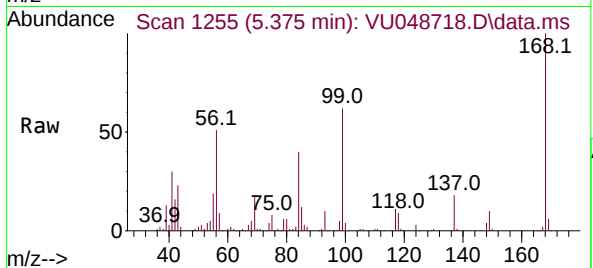
Tgt Ion: 75 Resp: 18135

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.3#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.441 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.090 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

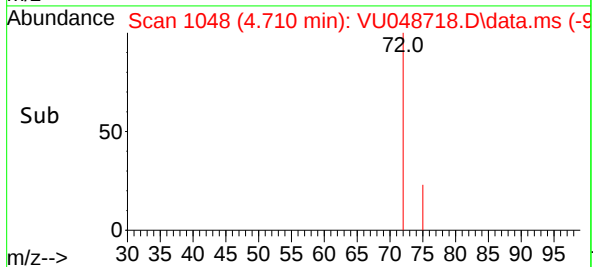
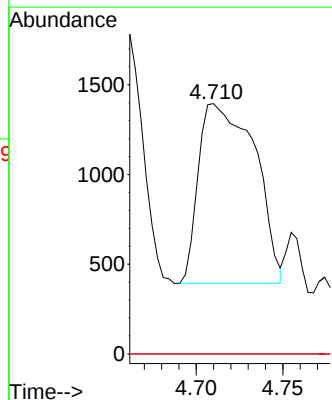
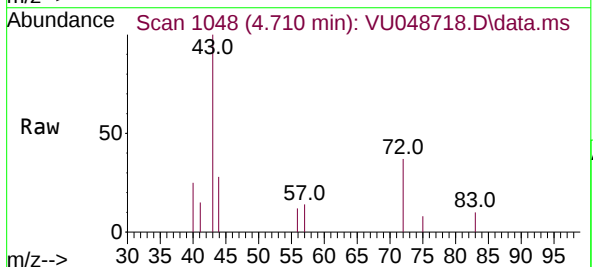
Tgt Ion: 43 Resp: 2264

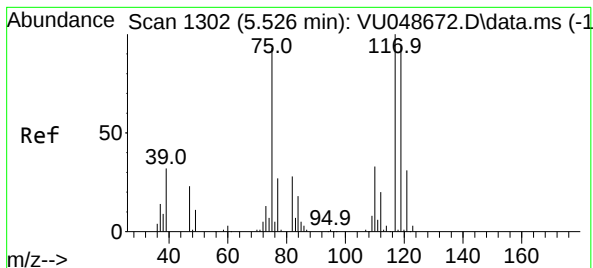
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.997 ug/l

RT: 5.375 min Scan# 117

Delta R.T. -0.151 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

TW-20

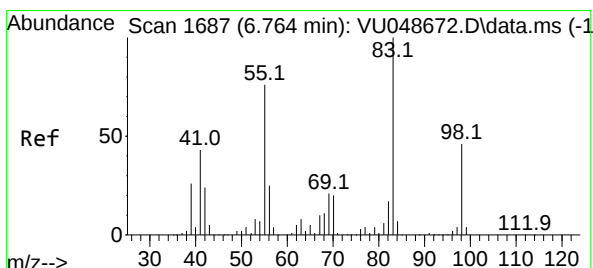
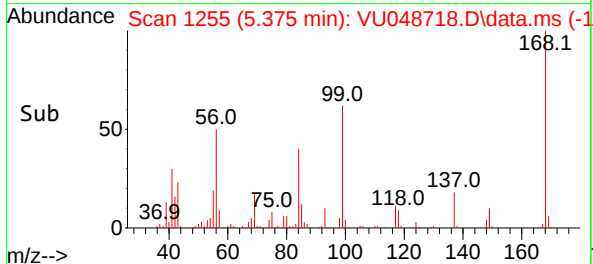
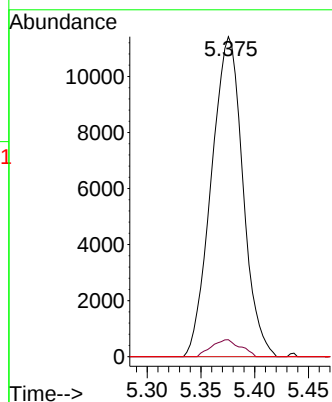
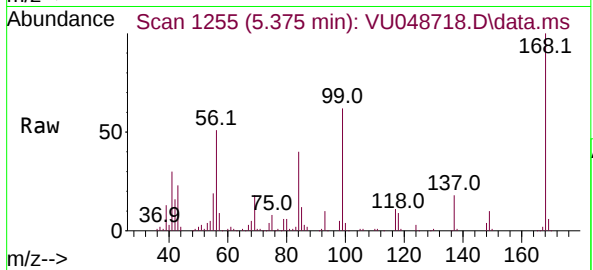
Tgt Ion:117 Resp: 23282

Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.2#

121 0.0 24.6 36.8#



#39

Methylcyclohexane

Concen: 37.013 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

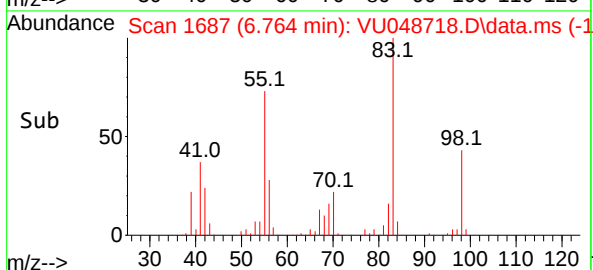
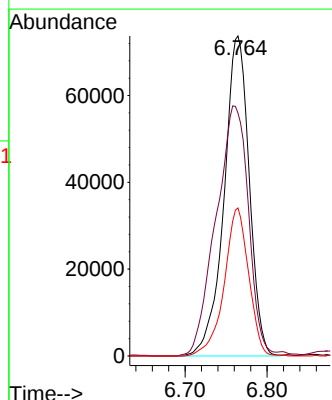
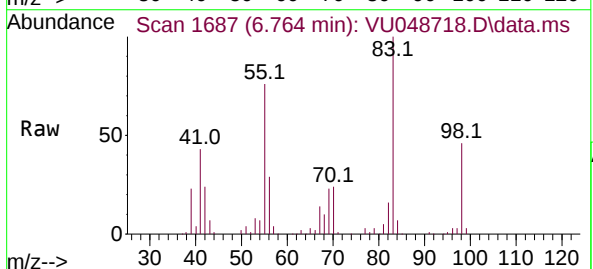
Tgt Ion: 83 Resp: 157620

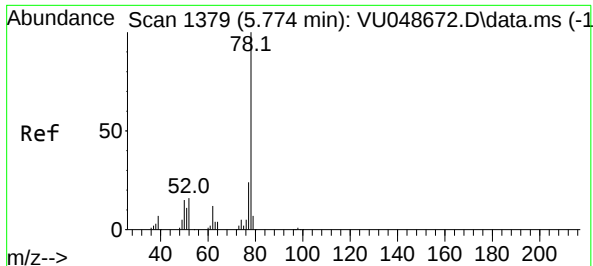
Ion Ratio Lower Upper

83 100

55 75.7 61.0 91.6

98 46.3 36.8 55.2





#40

Benzene

Concen: 1.659 ug/l

RT: 5.777 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

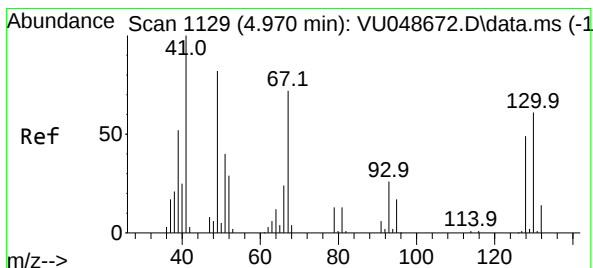
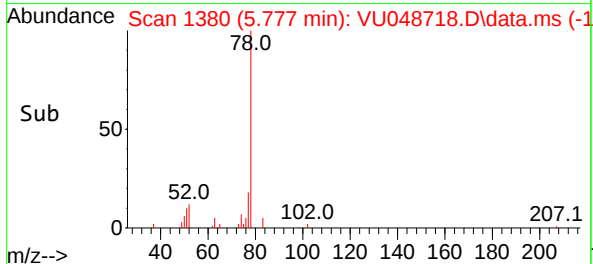
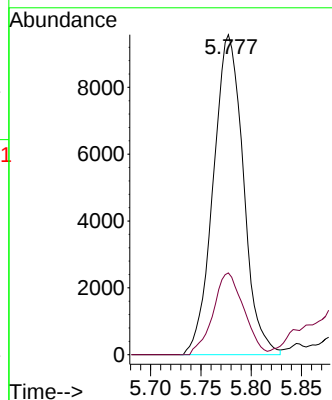
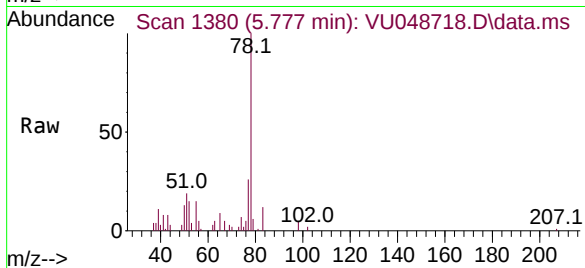
TW-20

Tgt Ion: 78 Resp: 19898

Ion Ratio Lower Upper

78 100

77 25.6 19.0 28.6



#41

Methacrylonitrile

Concen: 0.445 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.007 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Tgt Ion: 41 Resp: 1155

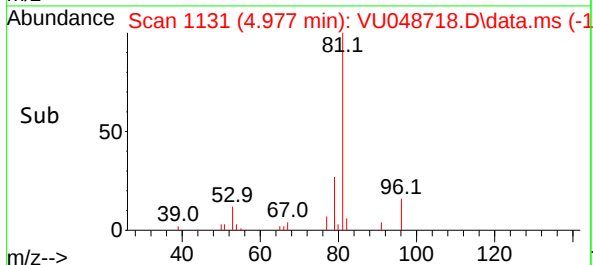
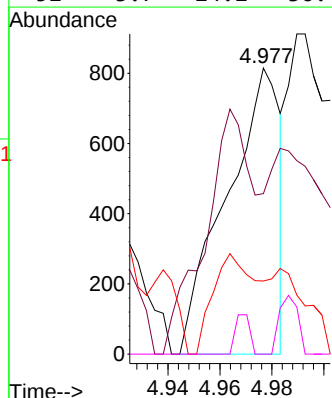
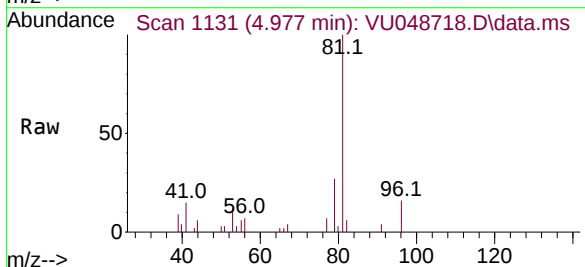
Ion Ratio Lower Upper

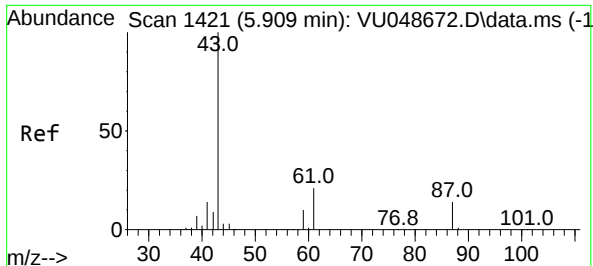
41 100

39 74.1 42.6 64.0#

67 0.0 61.0 91.4#

52 3.7 24.2 36.4#





#43

Isopropyl Acetate

Concen: 4.679 ug/l

RT: 5.899 min Scan# 14

Delta R.T. -0.010 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

TW-20

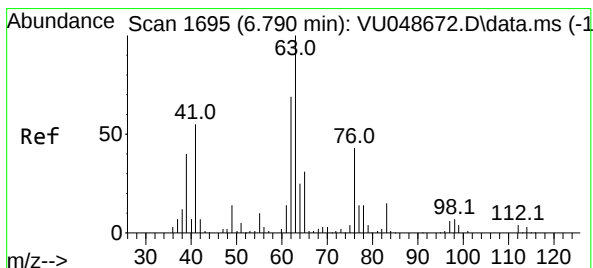
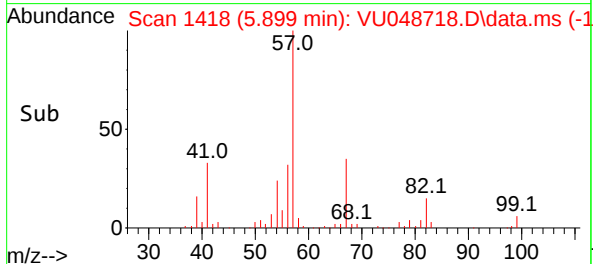
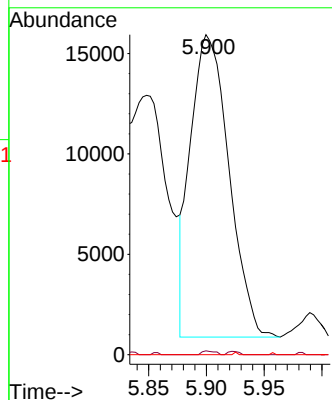
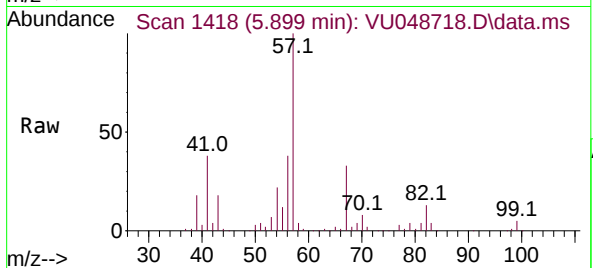
Tgt Ion: 43 Resp: 34865

Ion Ratio Lower Upper

43 100

61 0.4 16.7 25.1#

87 0.0 10.9 16.3#



#45

1,2-Dichloropropane

Concen: 0.778 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. -0.026 min

Lab File: VU048718.D

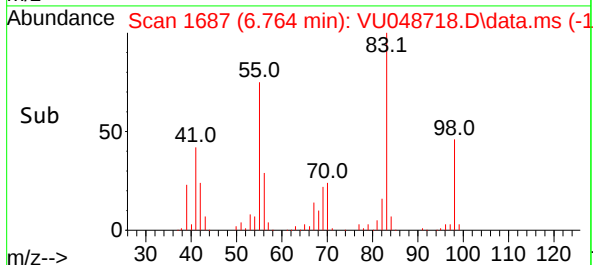
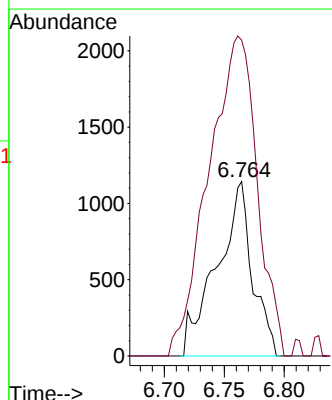
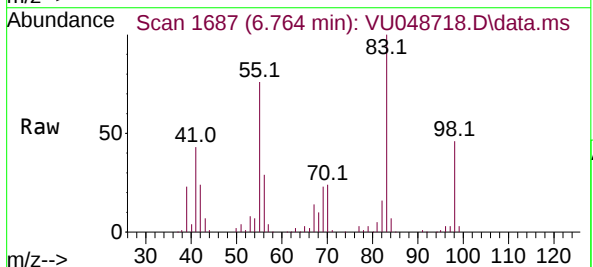
Acq: 28 May 2022 02:01

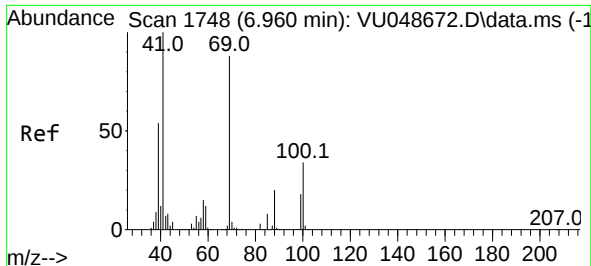
Tgt Ion: 63 Resp: 2347

Ion Ratio Lower Upper

63 100

65 165.7 24.8 37.2#

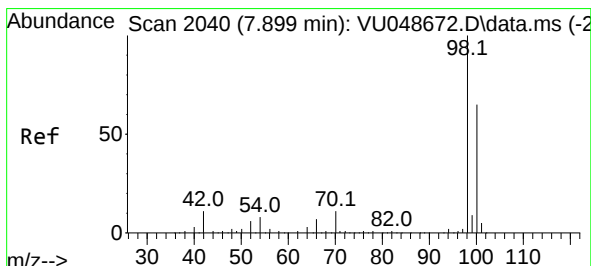
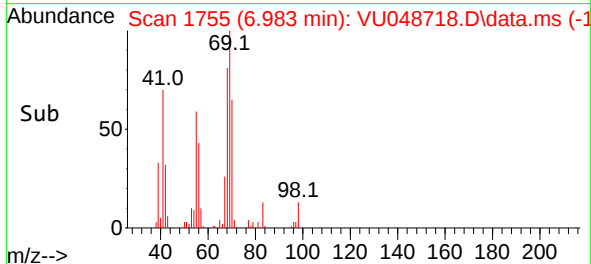
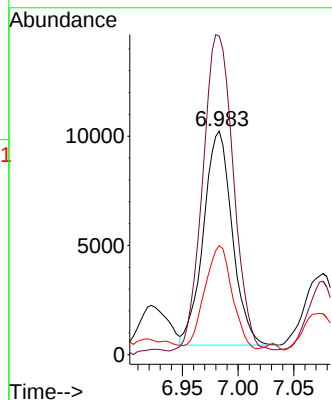
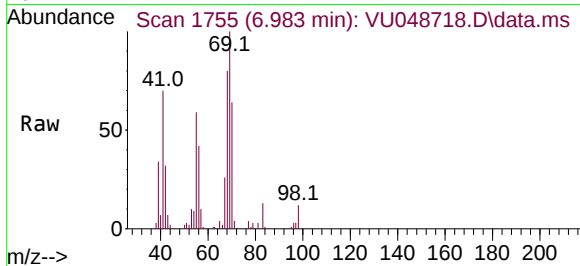




#48
Methyl methacrylate
Concen: 5.257 ug/l
RT: 6.983 min Scan# 11
Delta R.T. 0.023 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

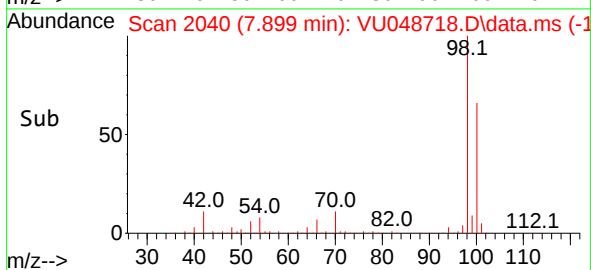
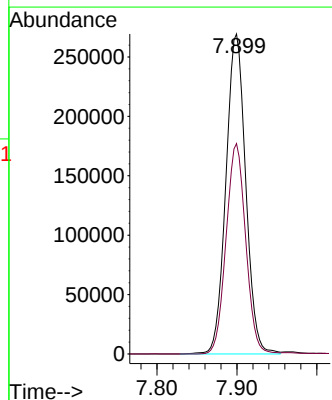
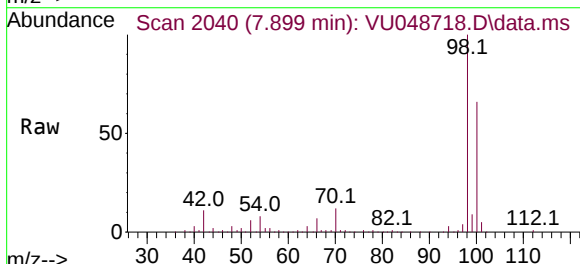
Instrument :
MSVOA_U
ClientSampleId :
TW-20

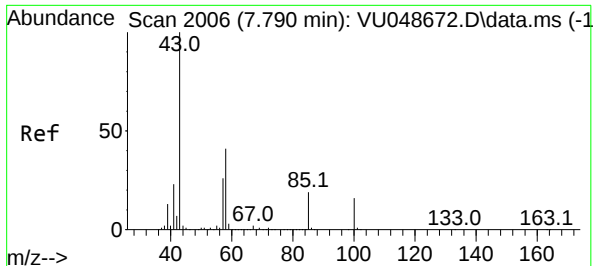
Tgt Ion: 41 Resp: 17588
Ion Ratio Lower Upper
41 100
69 159.8 70.7 106.1#
39 45.5 43.4 65.2



#50
Toluene-d8
Concen: 46.386 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 98 Resp: 462715
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.405 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

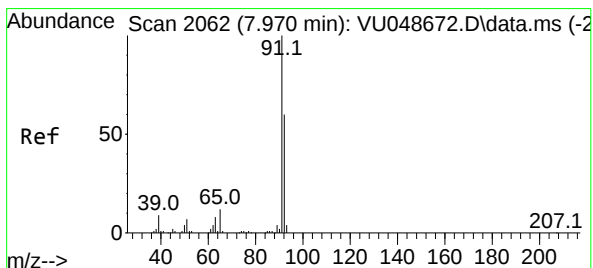
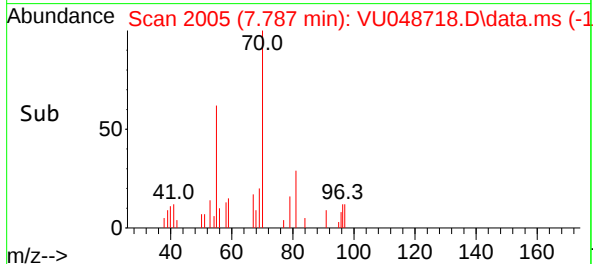
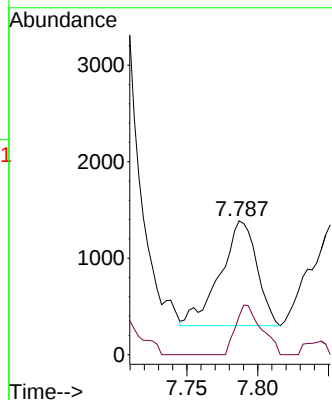
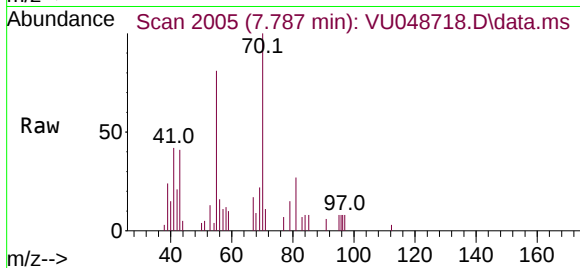
TW-20

Tgt Ion: 43 Resp: 1958

Ion Ratio Lower Upper

43 100

58 32.9 32.7 49.1



#52

Toluene

Concen: 55.504 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048718.D

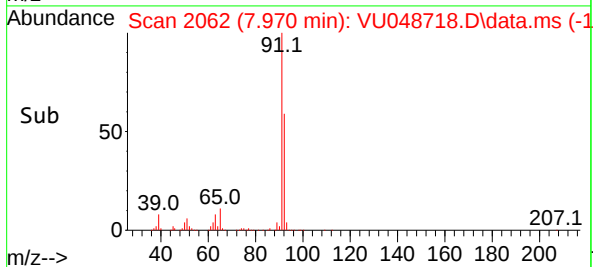
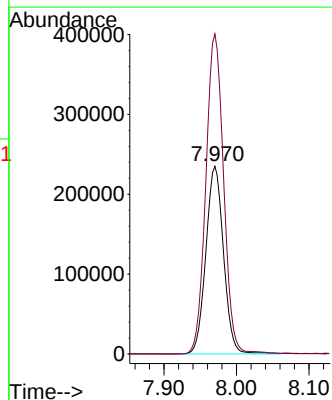
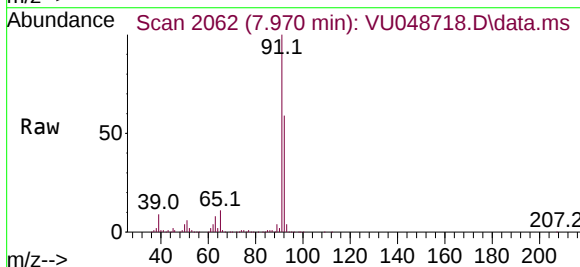
Acq: 28 May 2022 02:01

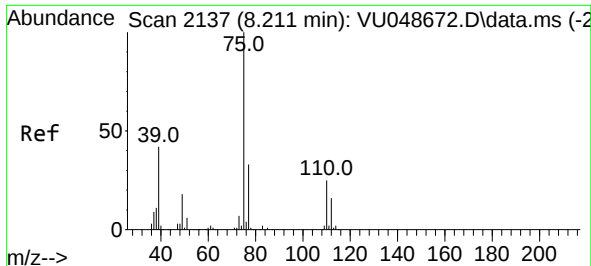
Tgt Ion: 92 Resp: 398084

Ion Ratio Lower Upper

92 100

91 171.7 135.0 202.4

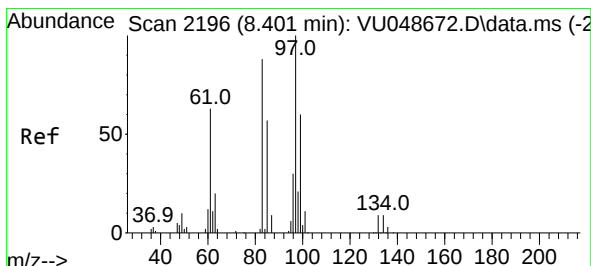
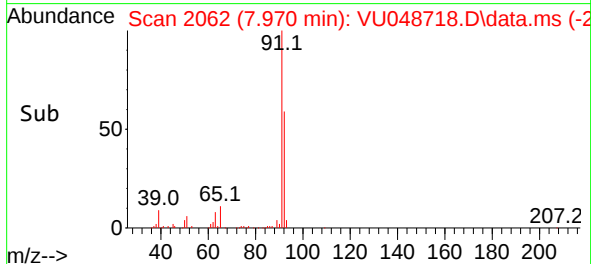
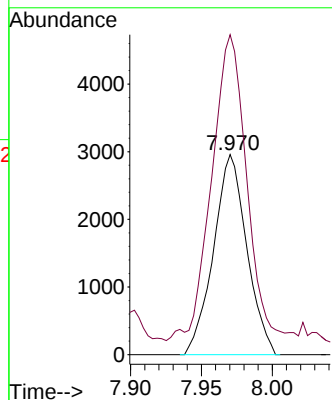
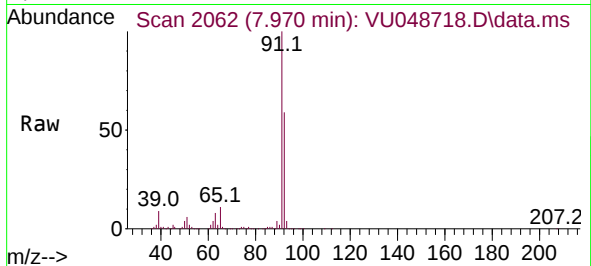




#53
t-1,3-Dichloropropene
Concen: 0.981 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.241 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

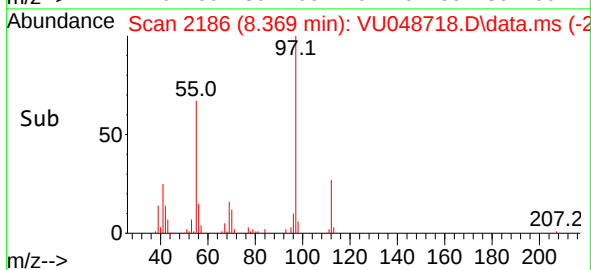
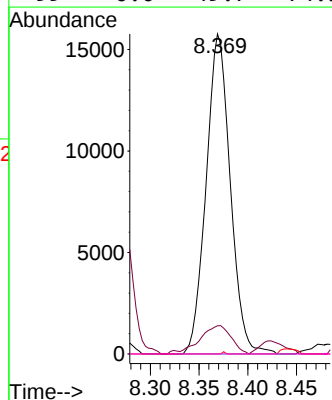
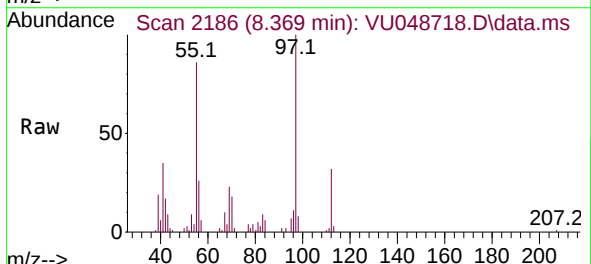
Instrument :
MSVOA_U
ClientSampleId :
TW-20

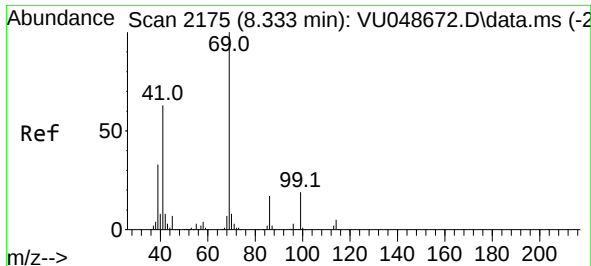
Tgt Ion: 75 Resp: 4825
Ion Ratio Lower Upper
75 100
77 148.2 26.2 39.4#



#55
1,1,2-Trichloroethane
Concen: 8.596 ug/l
RT: 8.369 min Scan# 2186
Delta R.T. -0.032 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 97 Resp: 27208
Ion Ratio Lower Upper
97 100
83 8.1 70.2 105.4#
85 0.0 45.6 68.4#
99 0.0 49.7 74.5#





#56

Ethyl methacrylate

Concen: 4.103 ug/l

RT: 8.366 min Scan# 2175

Delta R.T. 0.033 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

TW-20

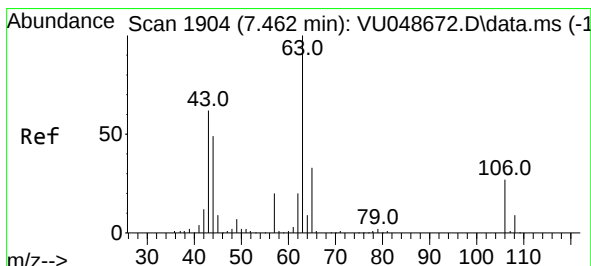
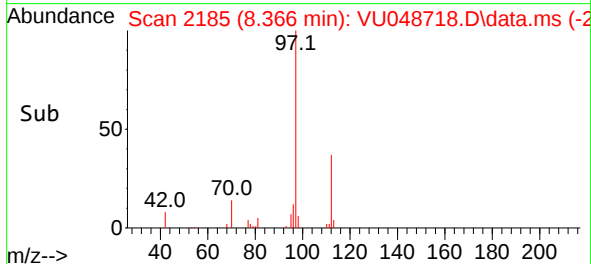
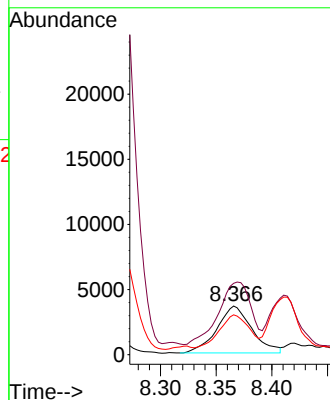
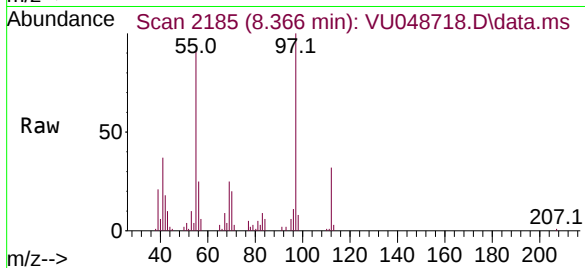
Tgt Ion: 69 Resp: 7861

Ion Ratio Lower Upper

69 100

41 130.4 50.6 76.0#

39 59.5 26.6 40.0#



#58

2-Chloroethyl Vinyl ether

Concen: 29.843 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048718.D

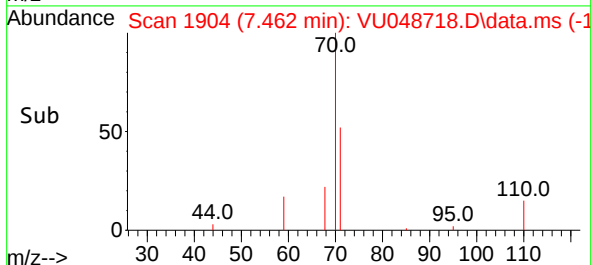
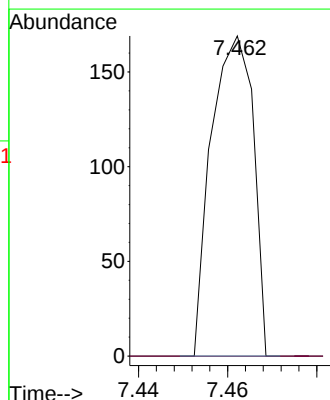
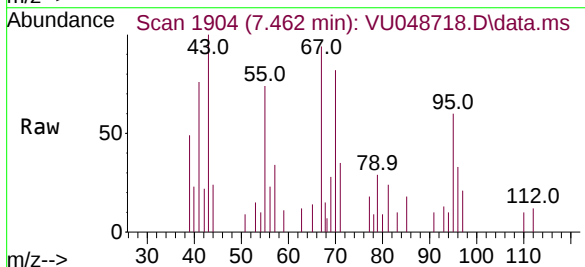
Acq: 28 May 2022 02:01

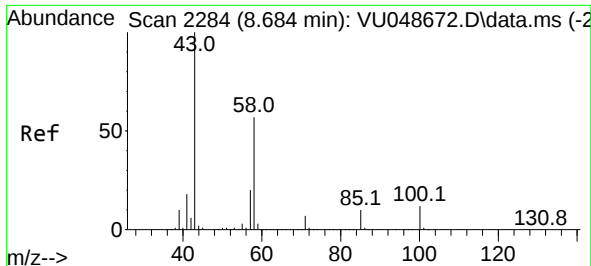
Tgt Ion: 63 Resp: 110

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#





#59

2-Hexanone

Concen: 1.343 ug/l

RT: 8.829 min Scan# 21

Delta R.T. 0.145 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

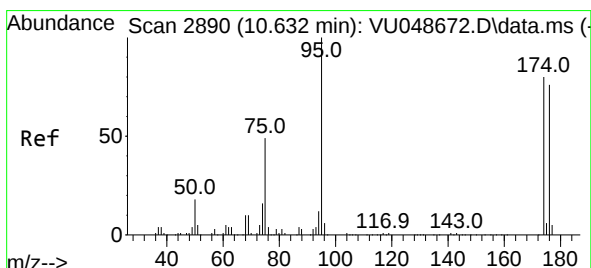
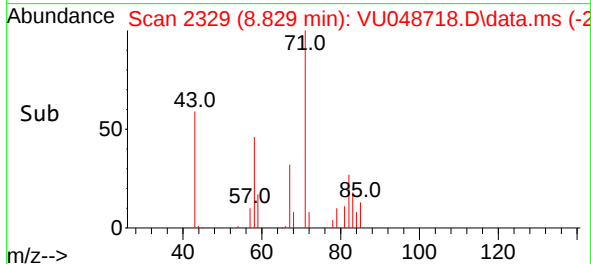
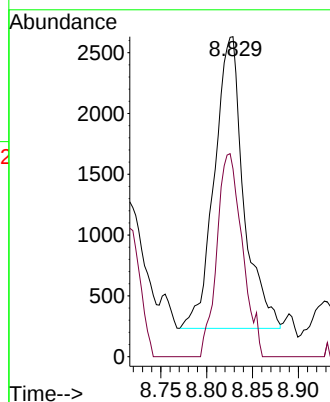
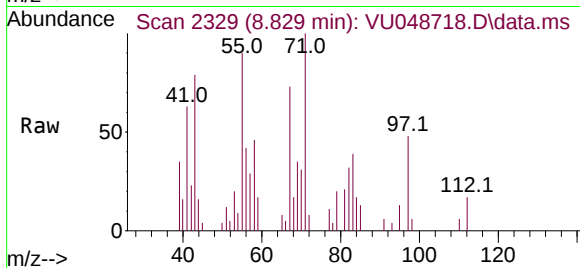
TW-20

Tgt Ion: 43 Resp: 5336

Ion Ratio Lower Upper

43 100

58 60.1 28.2 84.6



#62

4-Bromofluorobenzene

Concen: 56.867 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.000 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

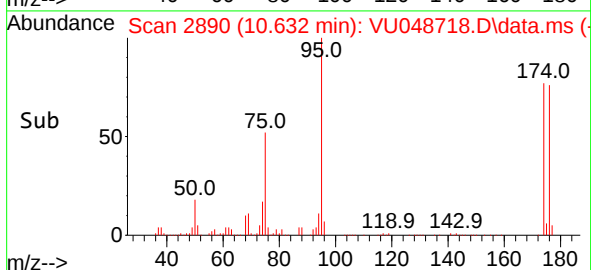
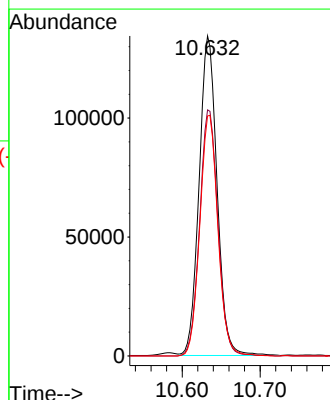
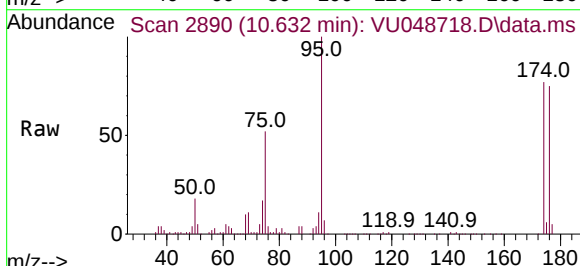
Tgt Ion: 95 Resp: 214536

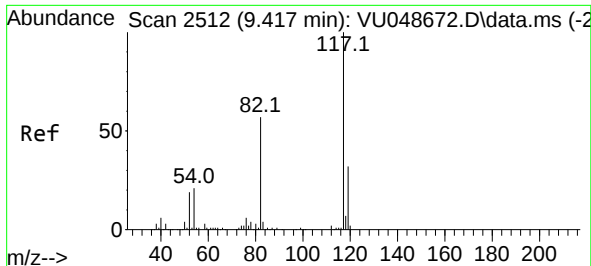
Ion Ratio Lower Upper

95 100

174 78.5 0.0 159.4

176 76.2 0.0 152.4

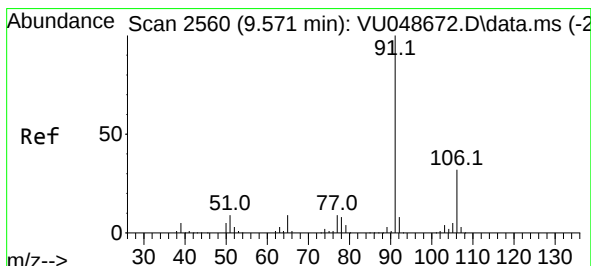
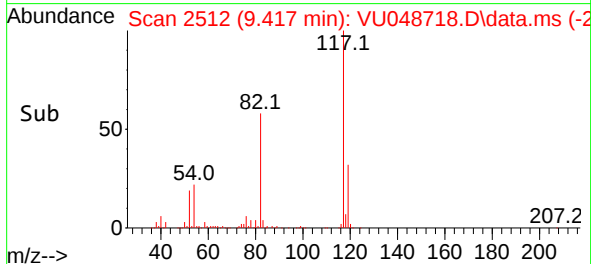
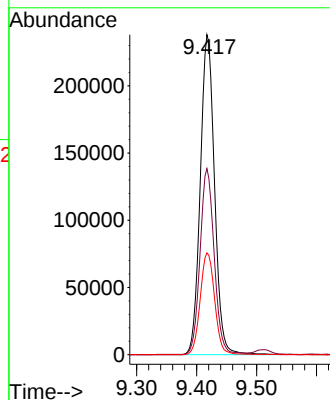
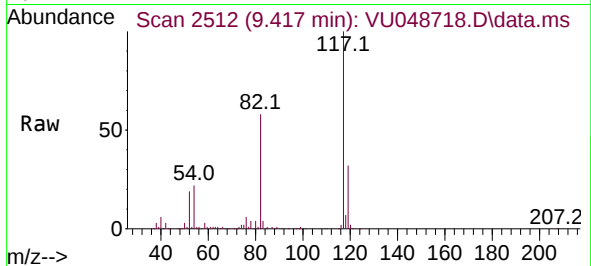




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

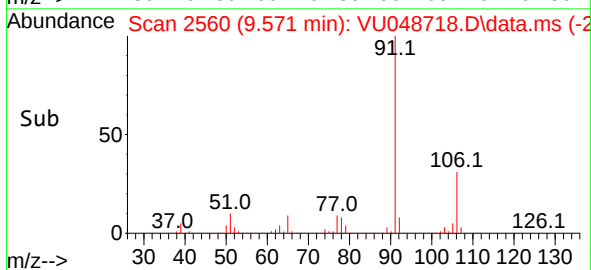
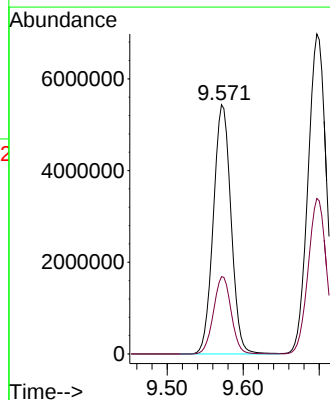
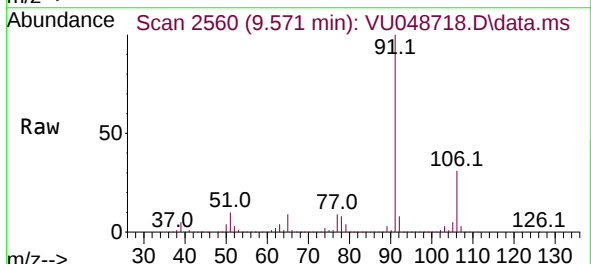
Instrument :
MSVOA_U
ClientSampleId :
TW-20

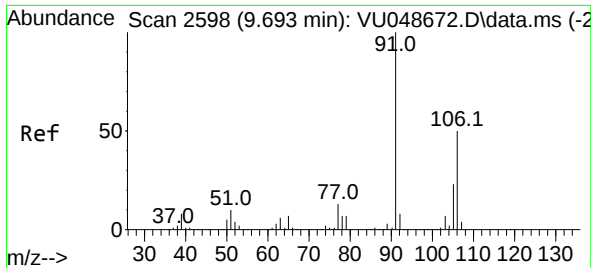
Tgt Ion:117 Resp: 395178
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.8 25.4 38.2



#67
Ethyl Benzene
Concen: 624.280 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 91 Resp: 8800296
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

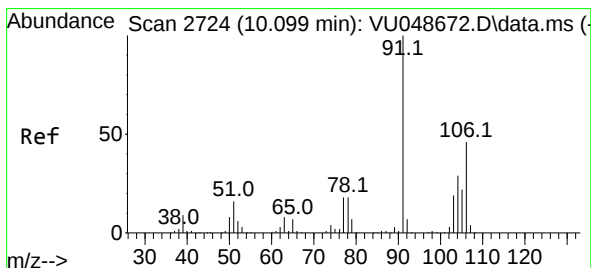
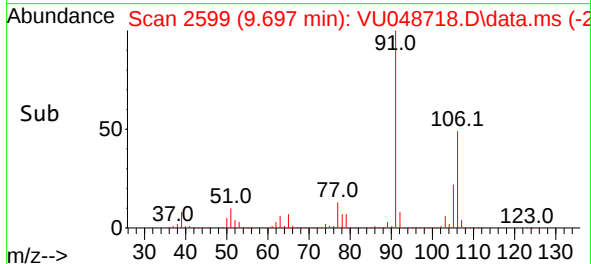
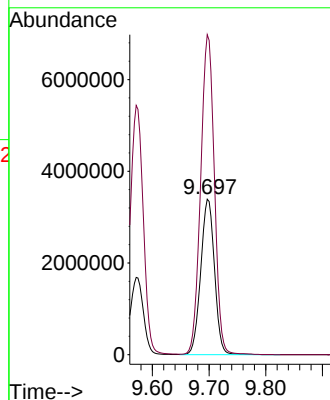
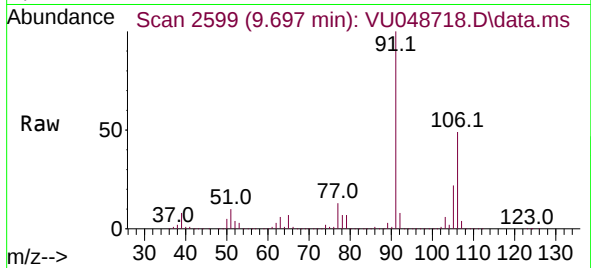




#68
m/p-Xylenes
Concen: 1037.182 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

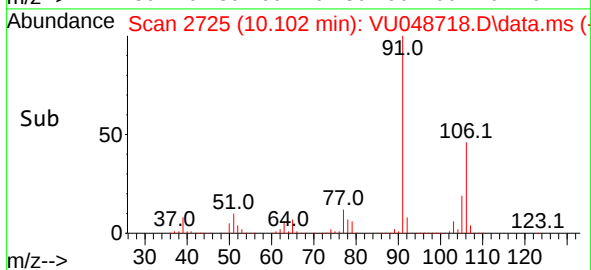
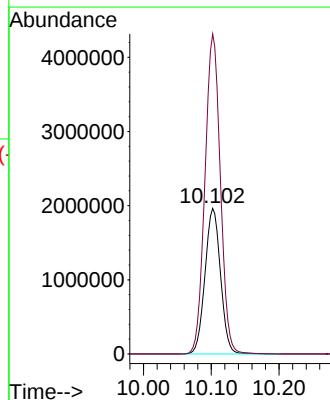
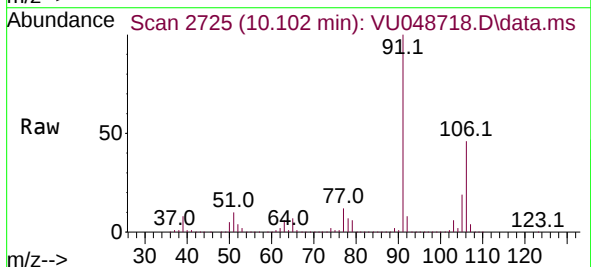
Instrument :
MSVOA_U
ClientSampleId :
TW-20

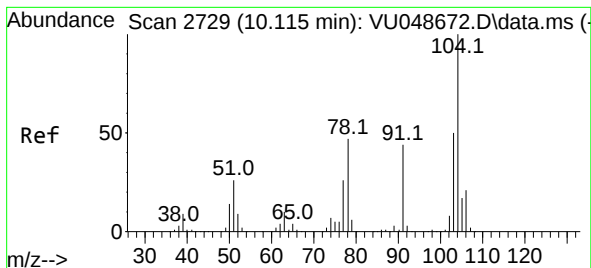
Tgt Ion:106 Resp: 5718372
Ion Ratio Lower Upper
106 100
91 205.6 162.4 243.6



#69
o-Xylene
Concen: 575.520 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion:106 Resp: 3117387
Ion Ratio Lower Upper
106 100
91 219.0 107.7 323.3





#70

Styrene

Concen: 21.226 ug/l

RT: 10.105 min Scan# 21

Delta R.T. -0.010 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

Instrument :

MSVOA_U

ClientSampleId :

TW-20

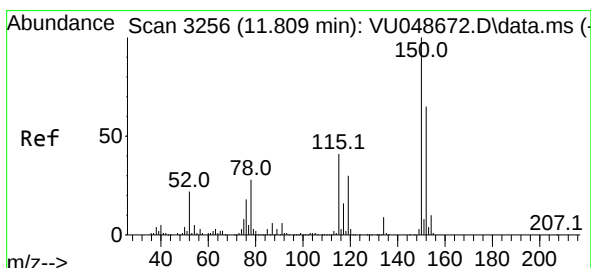
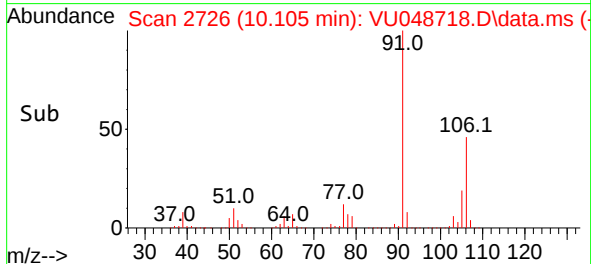
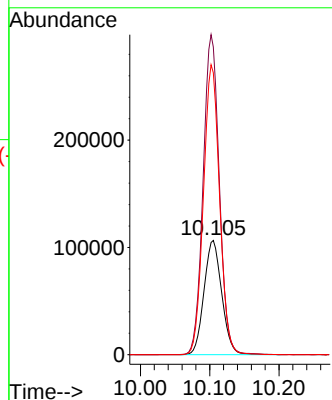
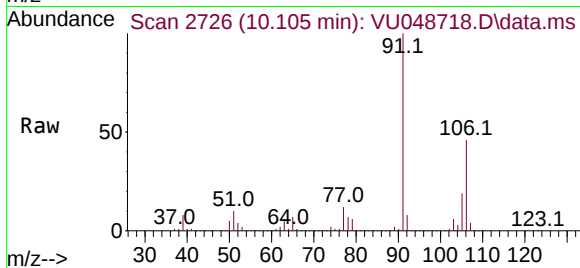
Tgt Ion:104 Resp: 189110

Ion Ratio Lower Upper

104 100

78 255.3 41.2 61.8#

103 231.4 43.4 65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048718.D

Acq: 28 May 2022 02:01

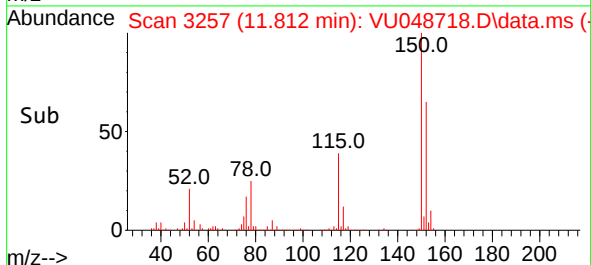
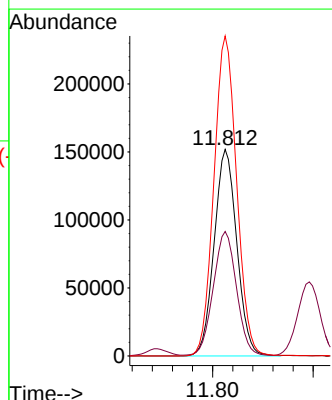
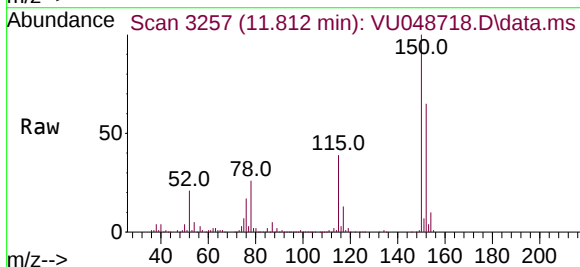
Tgt Ion:152 Resp: 237833

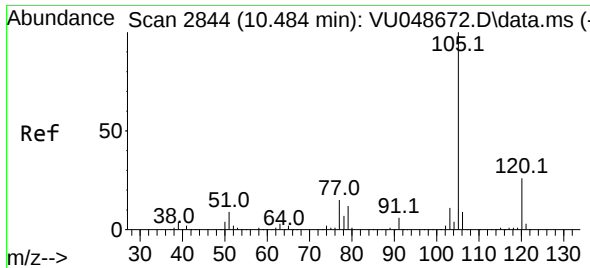
Ion Ratio Lower Upper

152 100

115 61.1 41.8 125.4

150 155.3 0.0 341.0

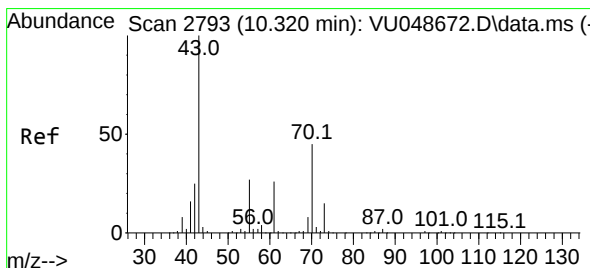
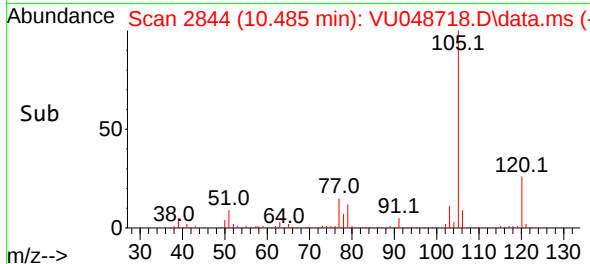
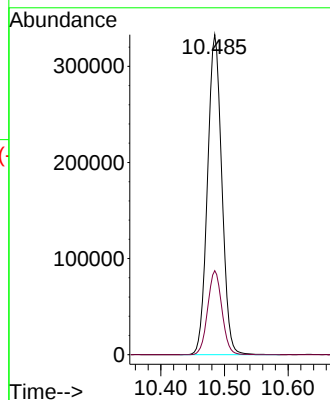
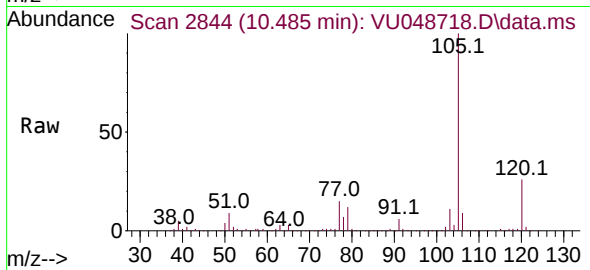




#73
Isopropylbenzene
Concen: 33.806 ug/l
RT: 10.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

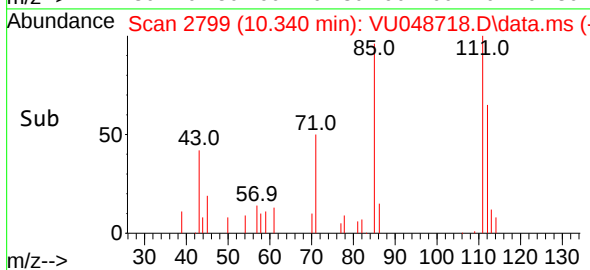
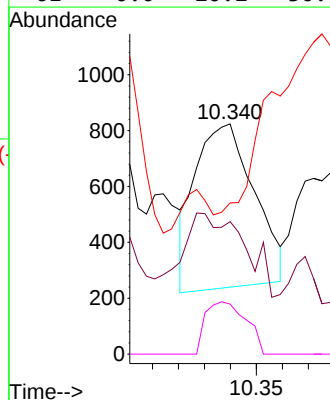
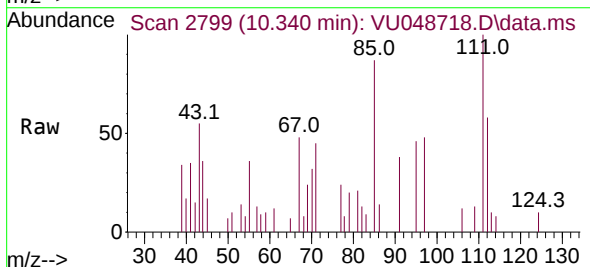
Instrument :
MSVOA_U
ClientSampleId :
TW-20

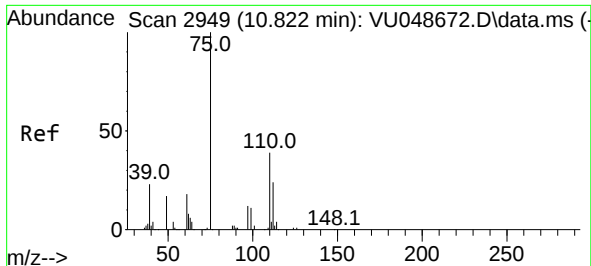
Tgt Ion:105 Resp: 519066
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6



#74
N-ethyl acetate
Concen: 2.581 ug/l
RT: 10.340 min Scan# 2799
Delta R.T. 0.020 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
70 96.6 35.8 53.6#
55 20.3 21.1 31.7#
61 0.0 20.2 30.4#

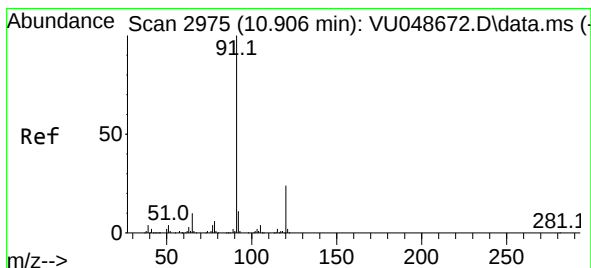
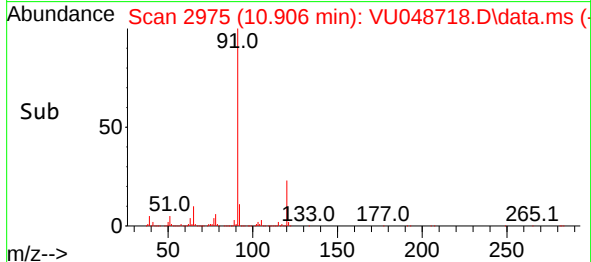
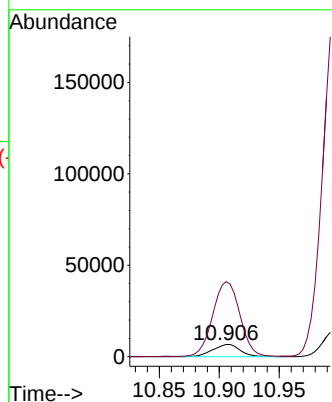
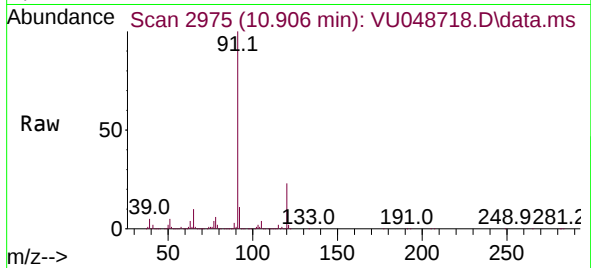




#76
1,2,3-Trichloropropane
Concen: 1.392 ug/l
RT: 10.906 min Scan# 2949
Delta R.T. 0.084 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

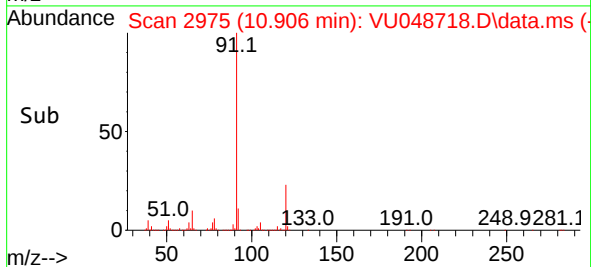
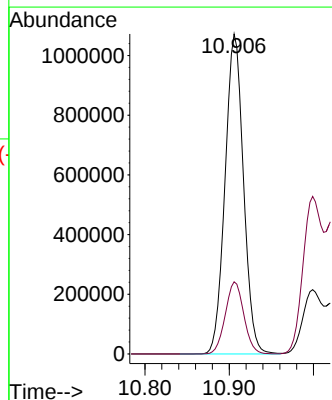
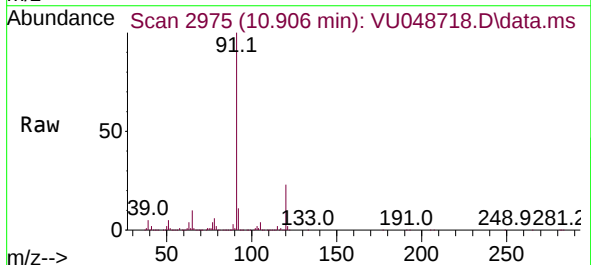
Instrument :
MSVOA_U
ClientSampleId :
TW-20

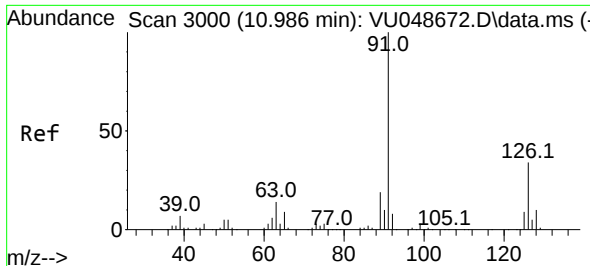
Tgt Ion: 75 Resp: 10675
Ion Ratio Lower Upper
75 100
77 598.8 14.8 44.3#



#78
n-propylbenzene
Concen: 88.731 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 91 Resp: 1623435
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

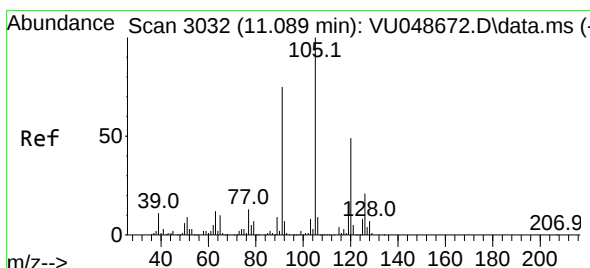
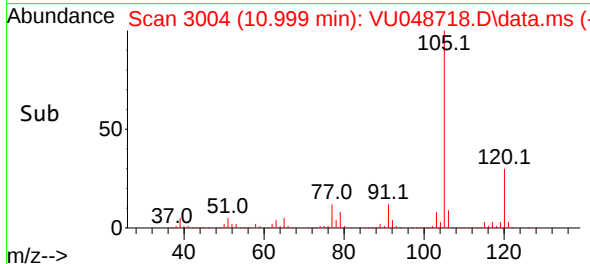
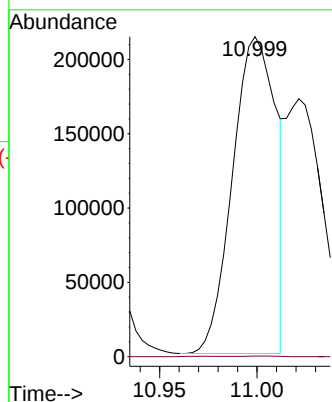
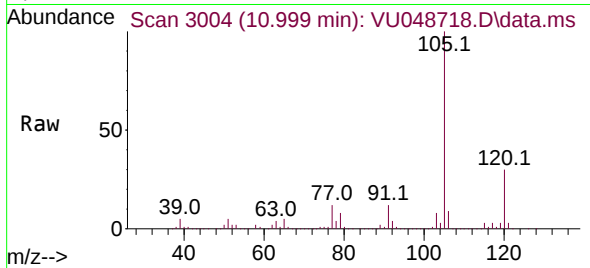




#79
2-Chlorotoluene
Concen: 28.962 ug/l
RT: 10.999 min Scan# 3004
Delta R.T. 0.013 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

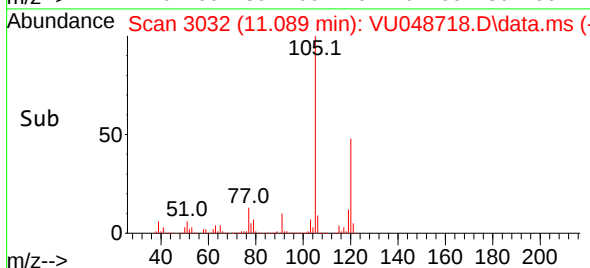
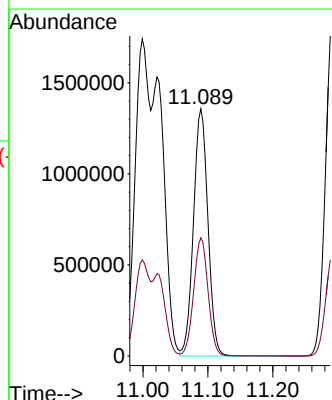
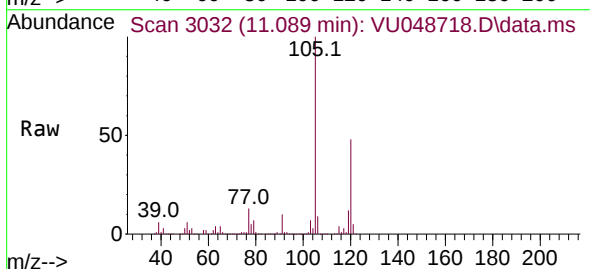
Instrument :
MSVOA_U
ClientSampleId :
TW-20

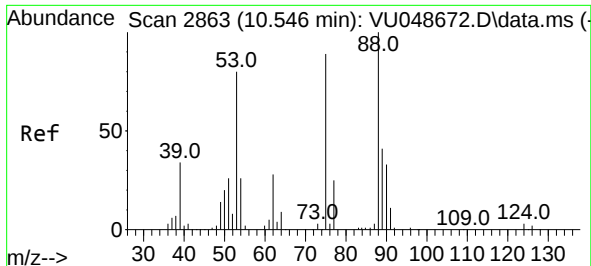
Tgt Ion: 91 Resp: 329520
Ion Ratio Lower Upper
91 100
126 0.1 16.7 50.0#



#80
1,3,5-Trimethylbenzene
Concen: 156.822 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion:105 Resp: 2093991
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

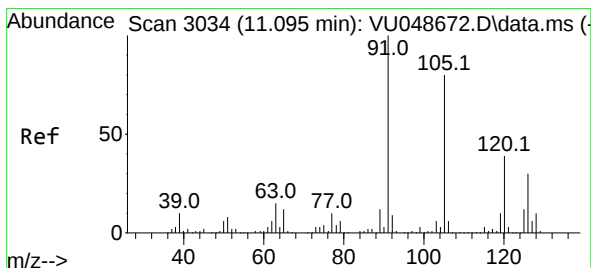
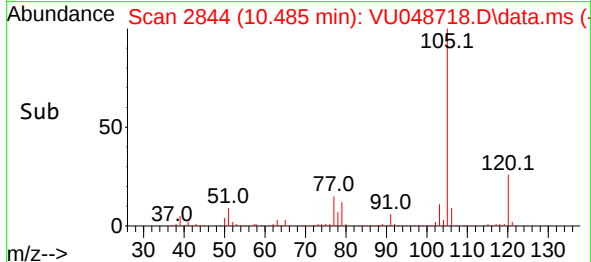
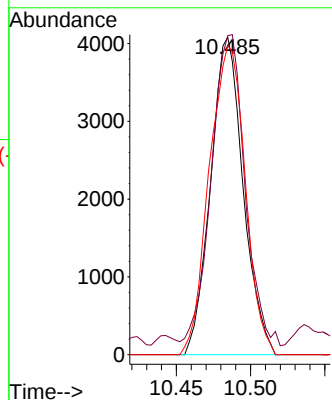
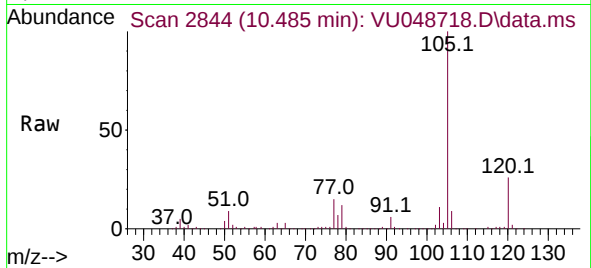




#81
trans-1,4-Dichloro-2-butene
Concen: 2.948 ug/l
RT: 10.485 min Scan# 2863
Delta R.T. -0.061 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

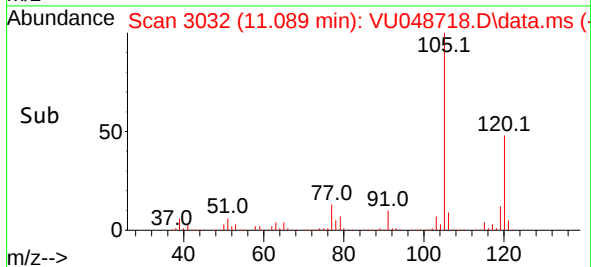
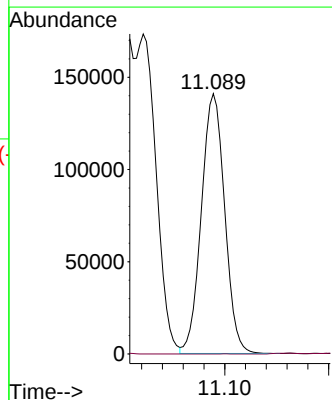
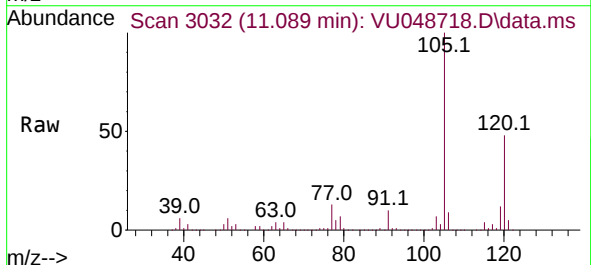
Instrument :
MSVOA_U
ClientSampleId :
TW-20

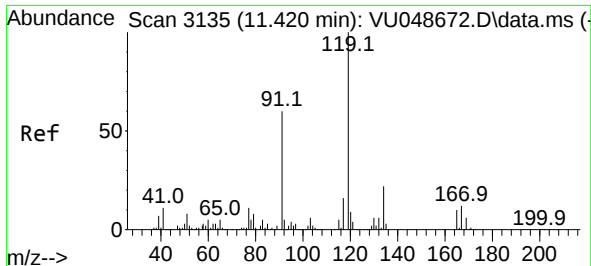
Tgt Ion: 75 Resp: 6226
Ion Ratio Lower Upper
75 100
53 100.0 72.5 108.7
89 107.2 37.0 55.4#



#82
4-Chlorotoluene
Concen: 16.701 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.006 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 91 Resp: 219238
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#

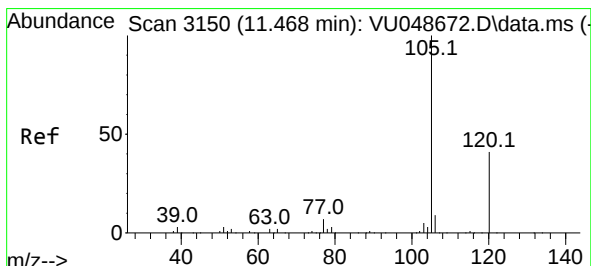
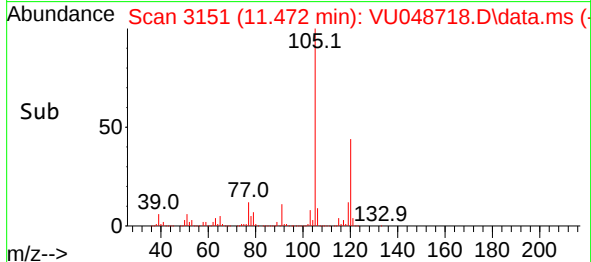
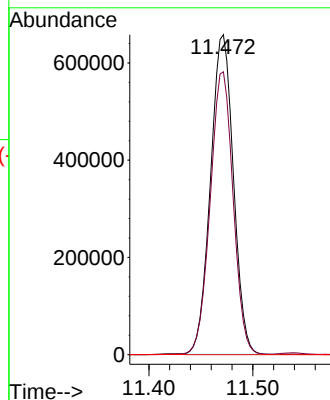
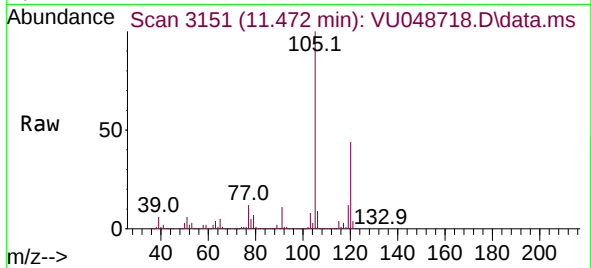




#83
tert-Butylbenzene
Concen: 78.465 ug/l
RT: 11.472 min Scan# 3115
Delta R.T. 0.052 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

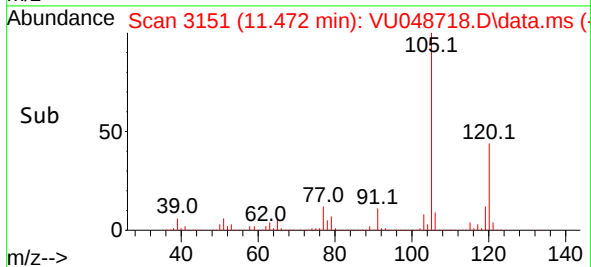
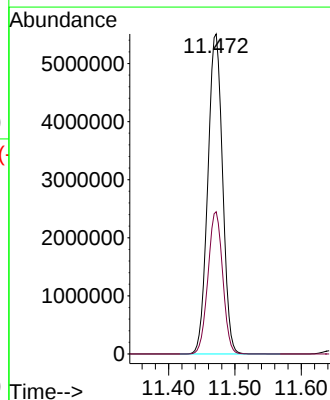
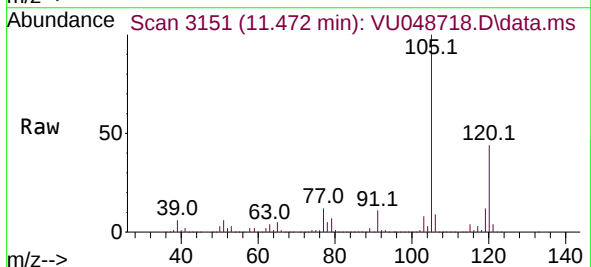
Instrument :
MSVOA_U
ClientSampleId :
TW-20

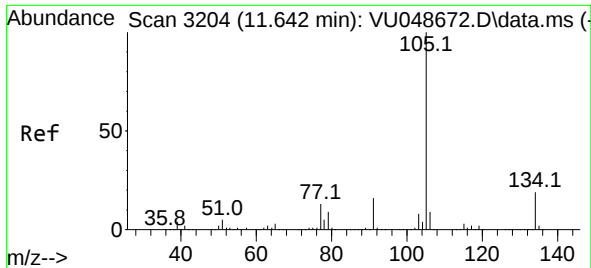
Tgt Ion:119 Resp: 1005558
Ion Ratio Lower Upper
119 100
91 88.8 28.7 86.1#
134 0.0 10.8 32.4#



#84
1,2,4-Trimethylbenzene
Concen: 577.590 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion:105 Resp: 8496393
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5

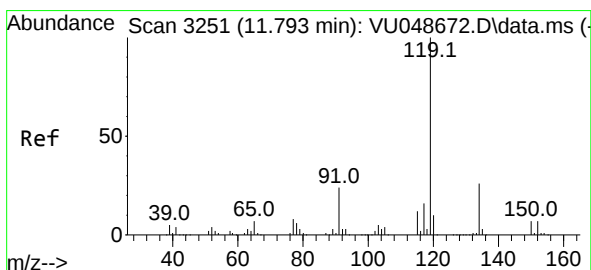
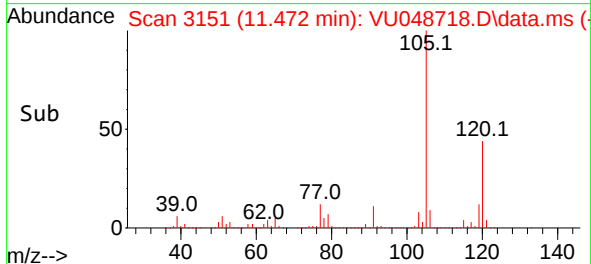
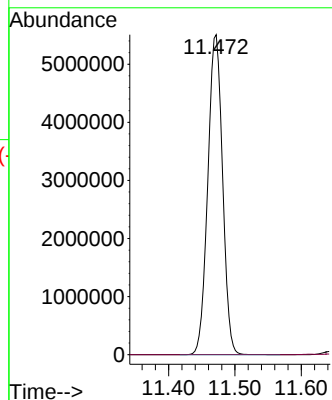
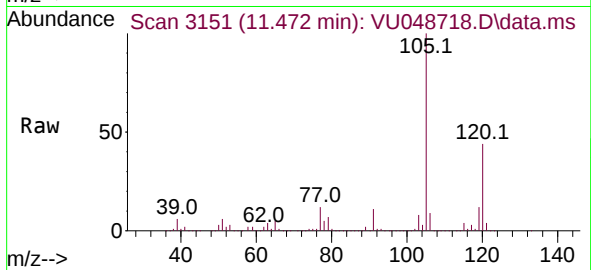




#85
 sec-Butylbenzene
 Concen: 529.947 ug/l
 RT: 11.472 min Scan# 3151
 Delta R.T. -0.170 min
 Lab File: VU048718.D
 Acq: 28 May 2022 02:01

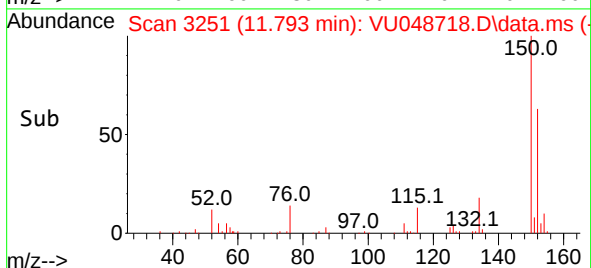
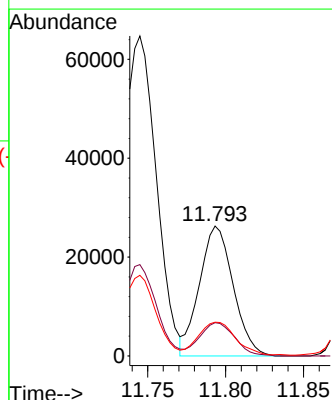
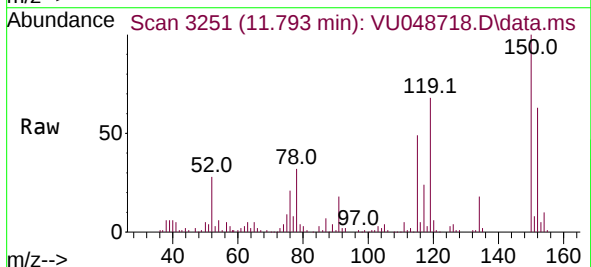
Instrument :
 MSVOA_U
 ClientSampleId :
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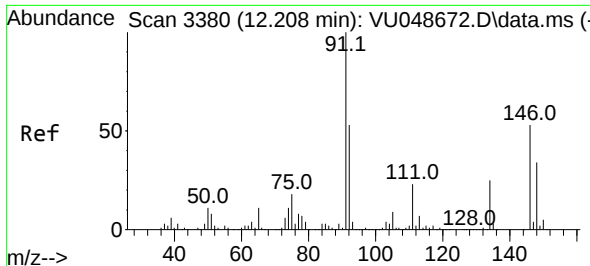
Tgt Ion:105 Resp: 8496393
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 2.875 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048718.D
 Acq: 28 May 2022 02:01

Tgt Ion:119 Resp: 39579
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.4
 91 28.1 12.0 36.0

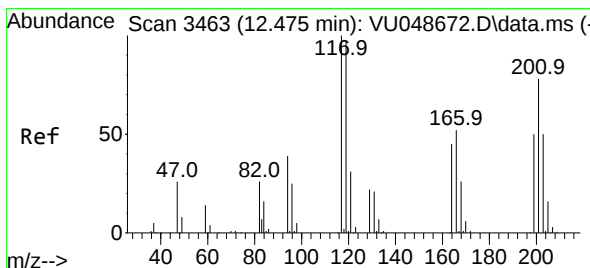
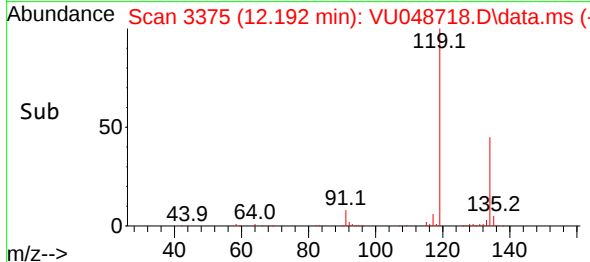
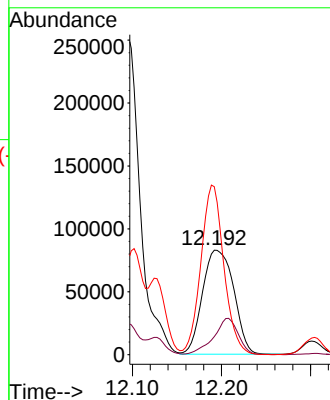
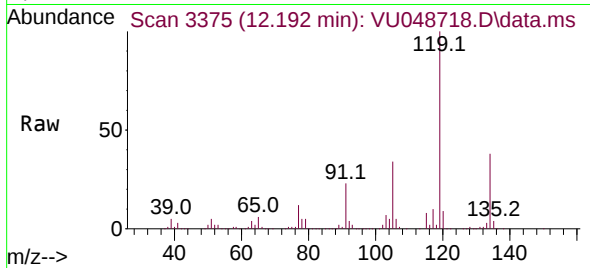




#89
n-Butylbenzene
Concen: 16.205 ug/l
RT: 12.192 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

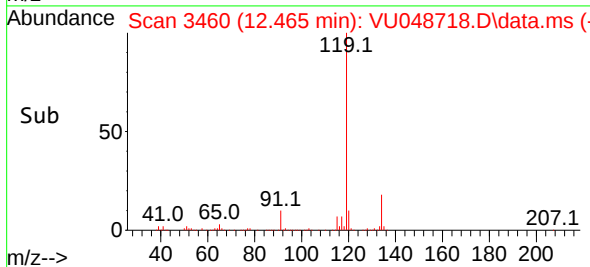
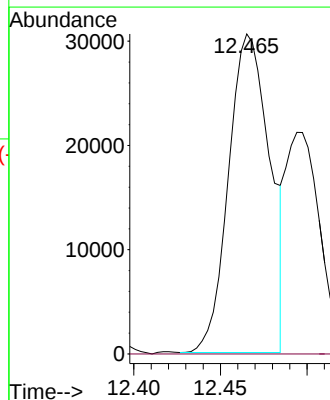
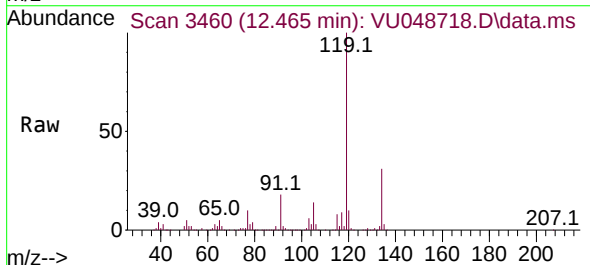
Instrument :
MSVOA_U
ClientSampleId :
TW-20

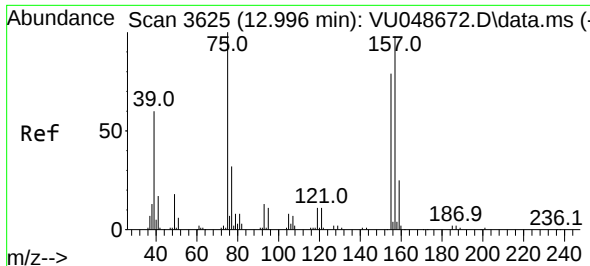
Tgt Ion: 91 Resp: 202033
Ion Ratio Lower Upper
91 100
92 27.4 25.9 77.8
134 120.0 12.5 37.5#



#90
Hexachloroethane
Concen: 17.985 ug/l
RT: 12.465 min Scan# 3460
Delta R.T. -0.010 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 117 Resp: 50536
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#

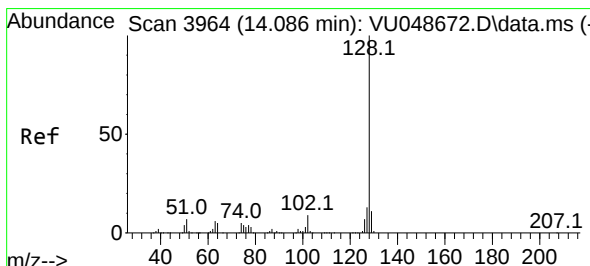
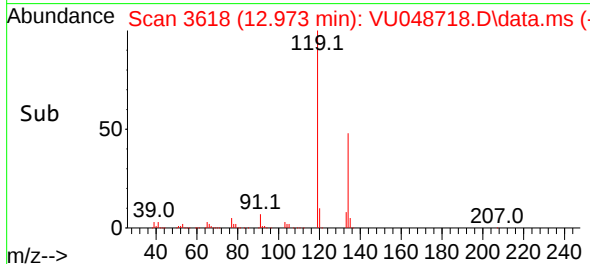
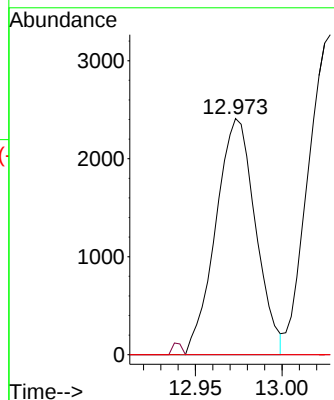
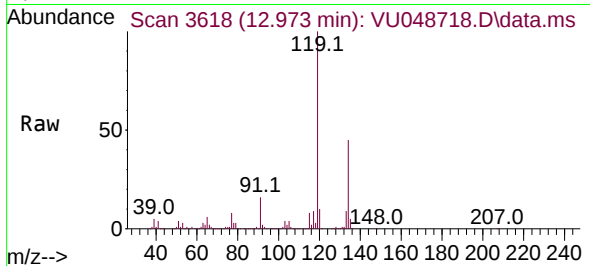




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.136 ug/l
RT: 12.973 min Scan# 3618
Delta R.T. -0.022 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Instrument :
MSVOA_U
ClientSampleId :
TW-20

Tgt Ion: 75 Resp: 3853
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.8#
157 0.0 50.0 150.0#



#95
Naphthalene
Concen: 160.399 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048718.D
Acq: 28 May 2022 02:01

Tgt Ion: 128 Resp: 3113054
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1

