

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048710.D
 Acq On : 27 May 2022 22:07
 Operator : SY/MD
 Sample : VU0527WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBL02

Quant Time: May 28 00:27:23 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	230672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	381012	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	386598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	176302	50.892	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.780%
35) Dibromofluoromethane	5.292	113	149304	54.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.860%
50) Toluene-d8	7.899	98	450882	46.273	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.540%
62) 4-Bromofluorobenzene	10.632	95	208039	56.455	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	705	0.207	ug/l #	43
5) Bromomethane	1.858	94	311	Below Cal	#	48
6) Chloroethane	1.906	64	301	Below Cal	#	43
10) Methyl Iodide	2.723	142	143	3.041	ug/l #	37
11) Tert butyl alcohol	3.192	59	5738	6.533	ug/l #	28
13) Acrolein	2.488	56	376	Below Cal	#	51
15) Acrylonitrile	3.330	53	1959	1.028	ug/l #	76
16) Acetone	2.623	43	2396	1.357	ug/l	98
17) Carbon Disulfide	2.797	76	3783	0.552	ug/l #	93
20) Methylene Chloride	3.048	84	740	0.246	ug/l #	74
21) trans-1,2-Dichloroethene	3.356	96	673	0.251	ug/l #	84
25) 2-Butanone	4.716	43	1744	0.688	ug/l #	49
29) Tetrahydrofuran	5.060	42	1246	0.780	ug/l #	83
31) Cyclohexane	5.375	56	4796	1.099	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	18192	4.586	ug/l #	49
38) Carbon Tetrachloride	5.375	117	23657	5.198	ug/l #	16
39) Methylcyclohexane	6.761	83	883	0.212	ug/l #	70
44) Trichloroethene	6.552	130	663	0.220	ug/l	60
49) 1,4-Dioxane	6.973	88	1691	23.149	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	7915	1.675	ug/l	92
56) Ethyl methacrylate	8.343	69	997	2.807	ug/l #	76
59) 2-Hexanone	8.687	43	9443	2.434	ug/l	90
64) Tetrachloroethene	8.555	164	599	Below Cal	#	84
65) Chlorobenzene	9.449	112	2129	0.260	ug/l	90
67) Ethyl Benzene	9.571	91	6544	0.475	ug/l #	80
68) m/p-Xylenes	9.697	106	3021	0.560	ug/l	83
70) Styrene	10.115	104	1987	0.228	ug/l #	91
73) Isopropylbenzene	10.485	105	3071	0.216	ug/l	97
74) N-amyl acetate	10.327	43	3201	2.889	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.784	83	1318	0.227	ug/l #	97
76) 1,2,3-Trichloropropane	10.632	75	105645	14.845	ug/l #	47
77) Bromobenzene	10.780	156	1178	0.308	ug/l	84
78) n-propylbenzene	10.909	91	6177	0.364	ug/l	97
79) 2-Chlorotoluene	10.989	91	2838	0.269	ug/l	96
80) 1,3,5-Trimethylbenzene	11.089	105	3403	0.275	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.632	75	105645	53.898	ug/l #	13

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

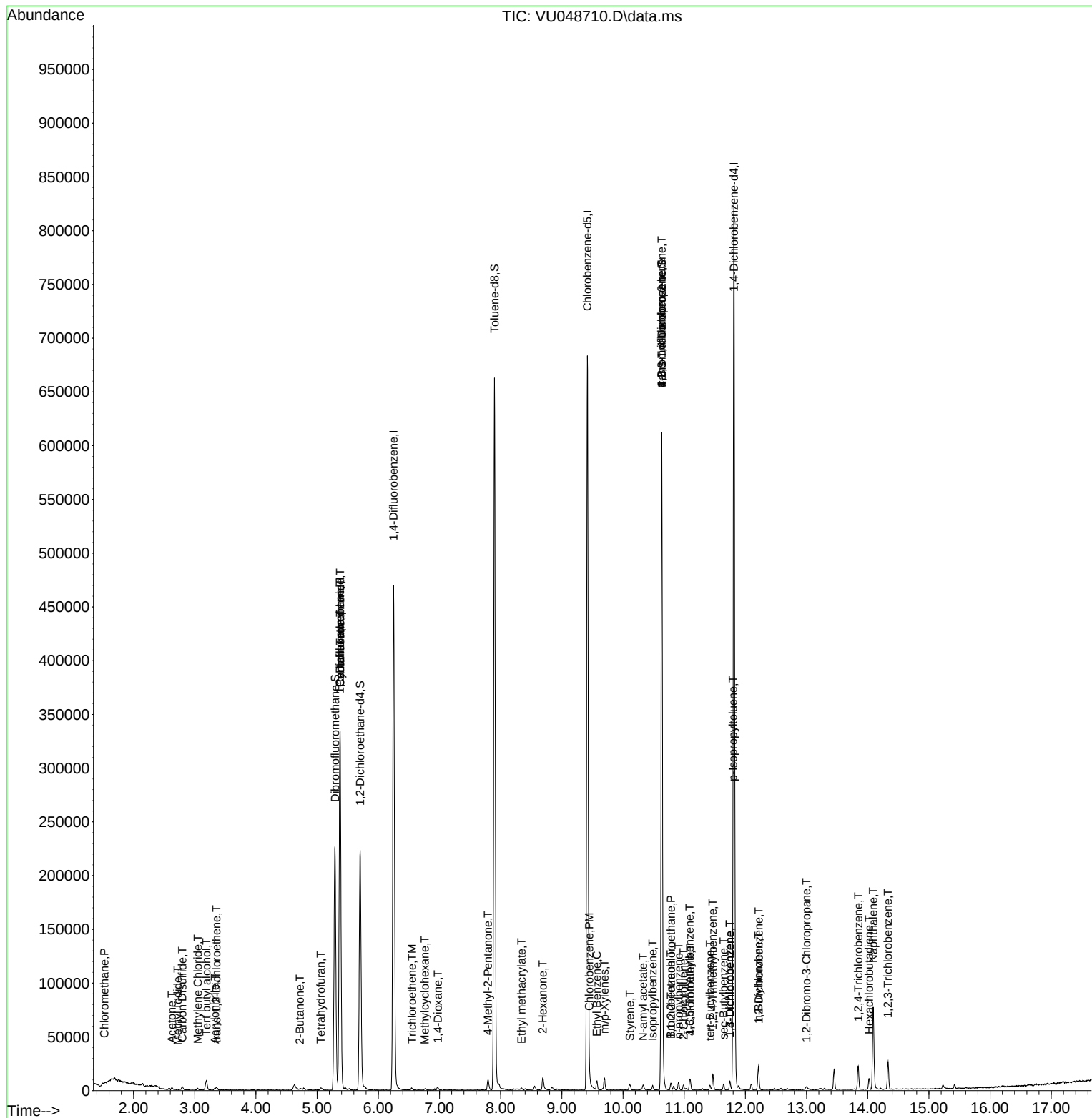
82) 4-Chlorotoluene	11.102	91	4802	0.394	ug/l	100
83) tert-Butylbenzene	11.423	119	2529	0.213	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	8003	1.772	ug/l	97
85) sec-Butylbenzene	11.645	105	4363	0.293	ug/l	99
86) p-Isopropyltoluene	11.796	119	3991	0.312	ug/l #	79
87) 1,3-Dichlorobenzene	11.745	146	3517	0.469	ug/l	96
88) 1,4-Dichlorobenzene	11.745	146	3517	0.454	ug/l	98
89) n-Butylbenzene	12.214	91	7757	2.765	ug/l	95
91) 1,2-Dichlorobenzene	12.218	146	3754	0.495	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.996	75	936	0.559	ug/l	97
93) 1,2,4-Trichlorobenzene	13.845	180	7806	1.569	ug/l	90
94) Hexachlorobutadiene	14.021	225	2077	0.871	ug/l	97
95) Naphthalene	14.089	128	65947	6.136	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	8332	1.691	ug/l	99

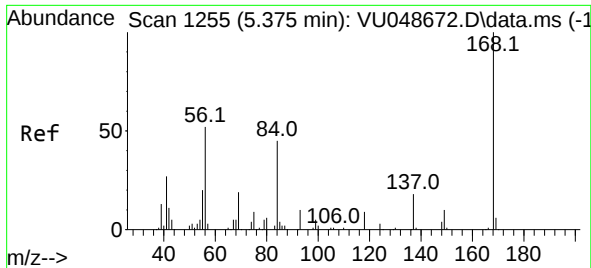
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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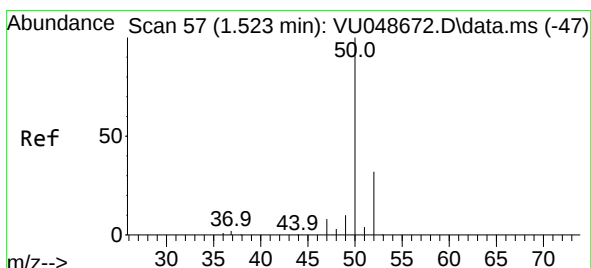
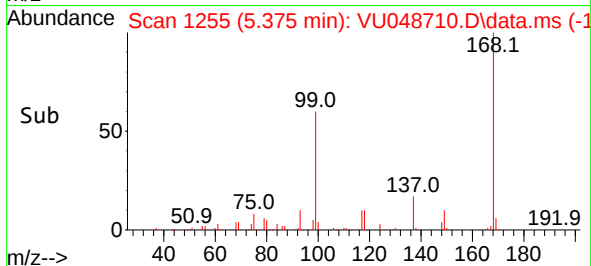
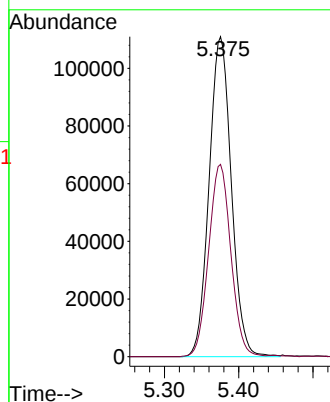
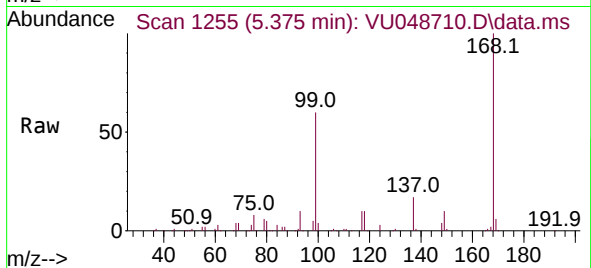




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

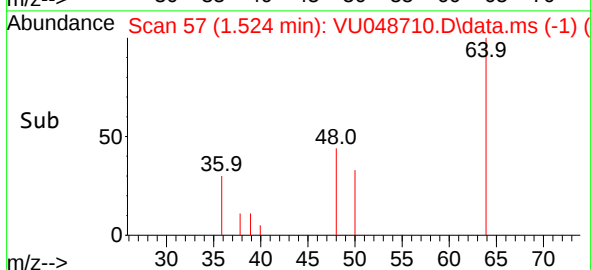
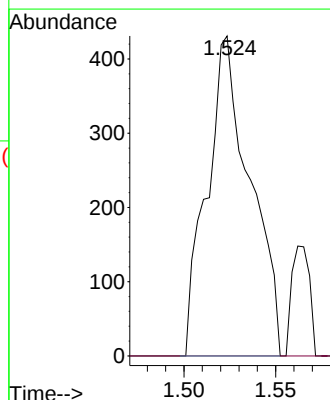
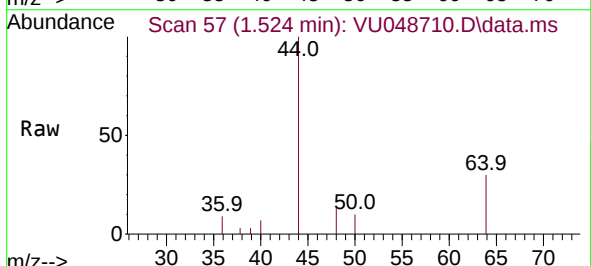
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

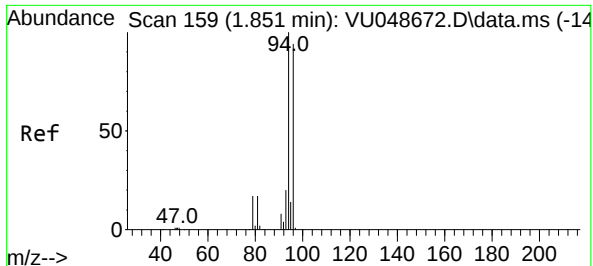
Tgt Ion:168 Resp: 230672
Ion Ratio Lower Upper
168 100
99 60.1 49.3 73.9



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion: 50 Resp: 705
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

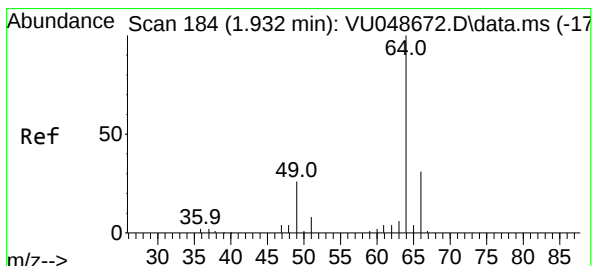
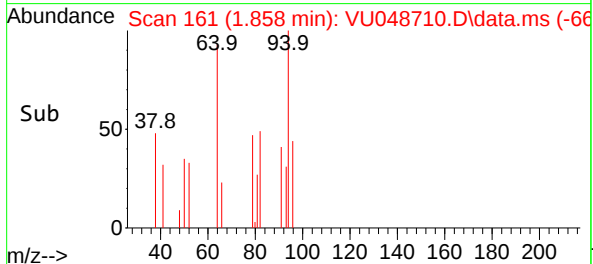
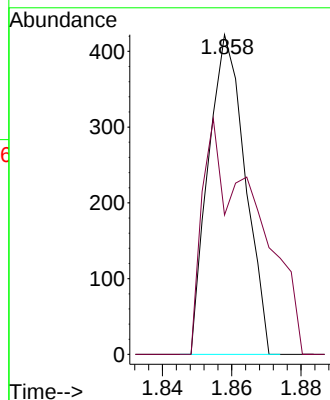
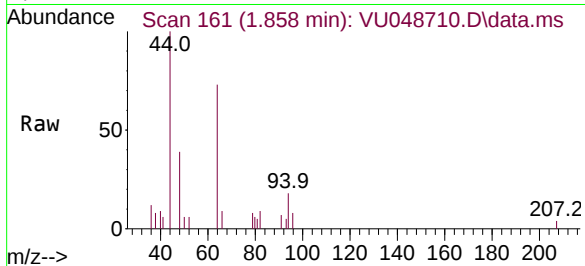




#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

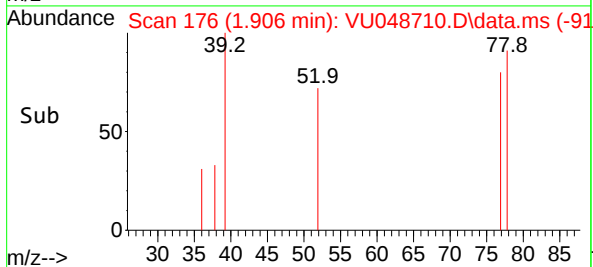
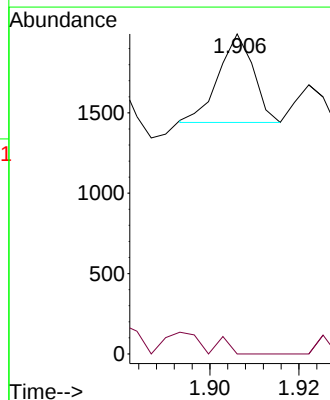
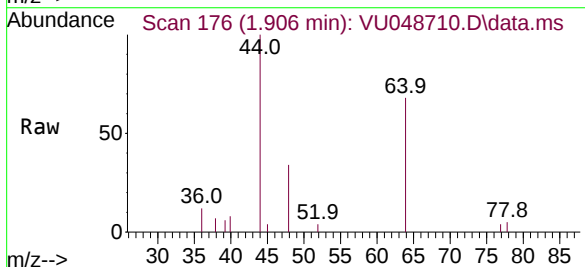
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

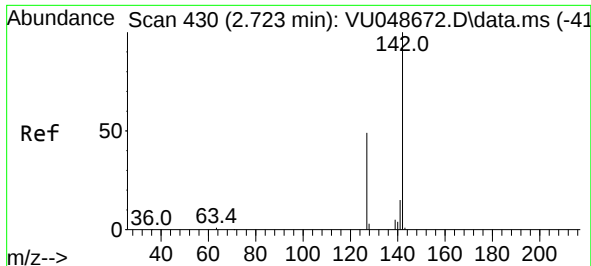
Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 43.6 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.906 min Scan# 176
Delta R.T. -0.026 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#





#10

Methyl Iodide

Concen: 3.041 ug/l

RT: 2.723 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBL02

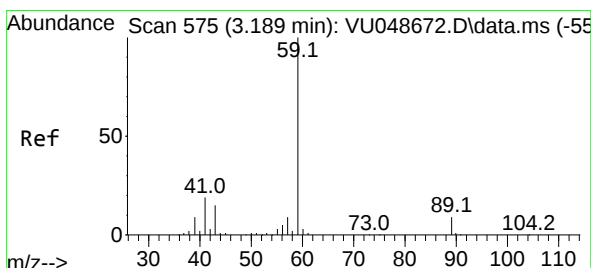
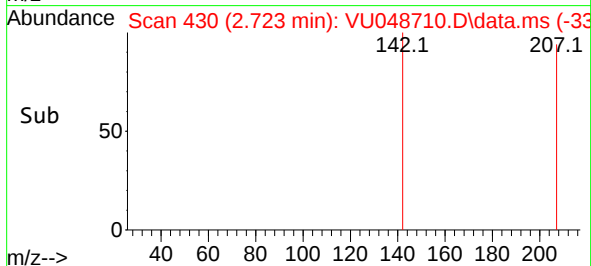
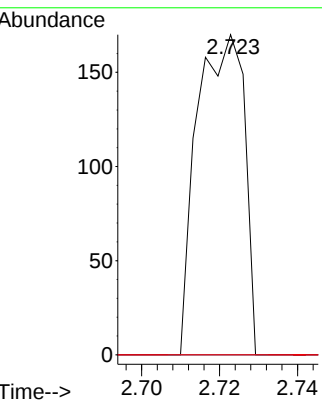
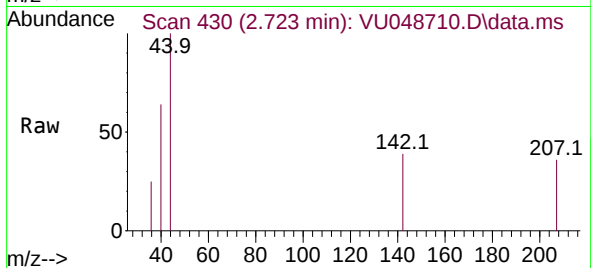
Tgt Ion:142 Resp: 143

Ion Ratio Lower Upper

142 100

127 0.0 38.4 57.6#

141 0.0 11.5 17.3#



#11

Tert butyl alcohol

Concen: 6.533 ug/l

RT: 3.192 min Scan# 576

Delta R.T. 0.003 min

Lab File: VU048710.D

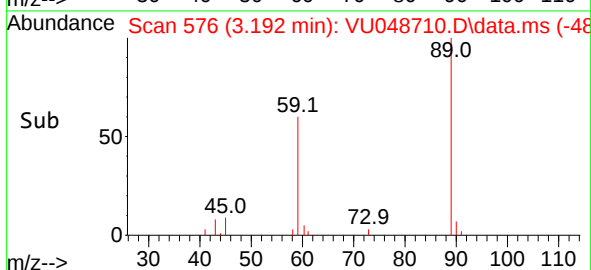
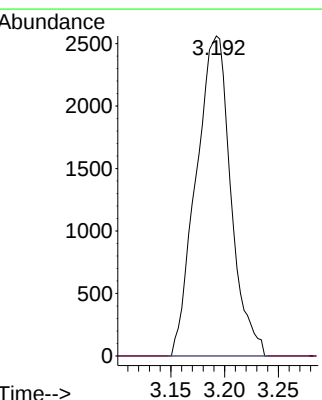
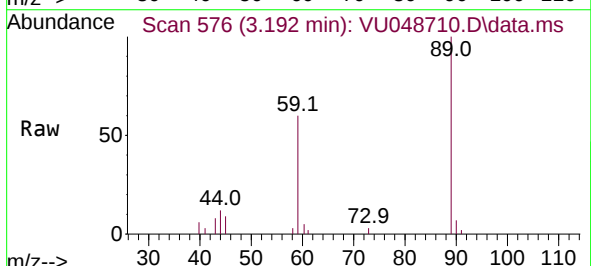
Acq: 27 May 2022 22:07

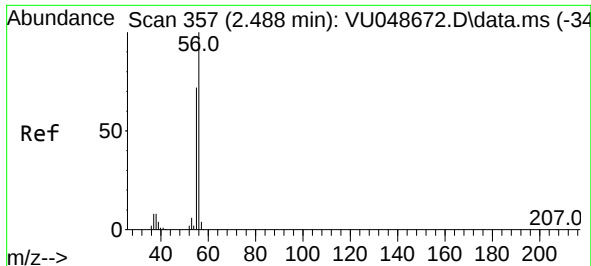
Tgt Ion: 59 Resp: 5738

Ion Ratio Lower Upper

59 100

57 0.0 39.7 59.5#

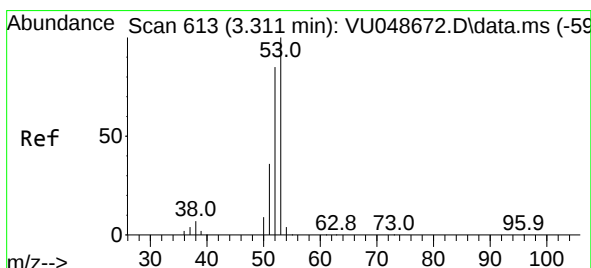
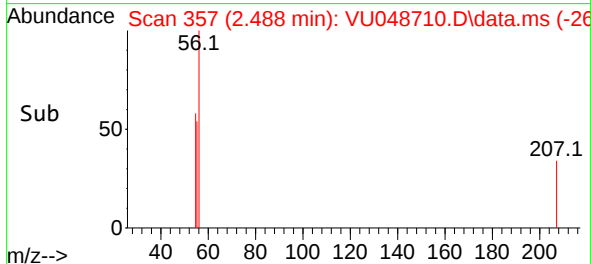
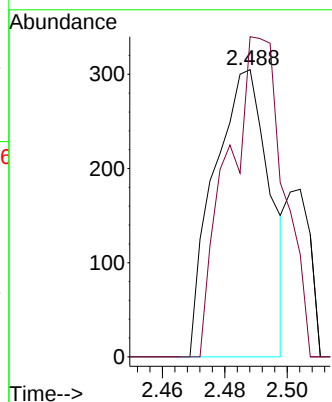
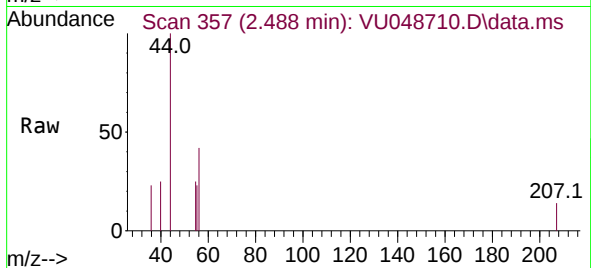




#13
Acrolein
Concen: Below Cal
RT: 2.488 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

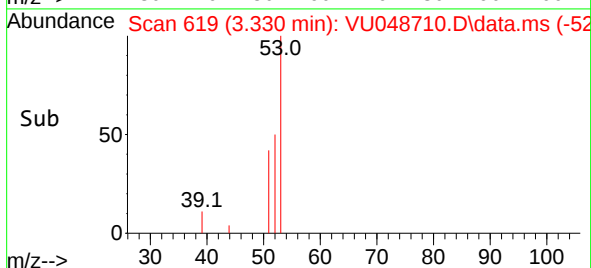
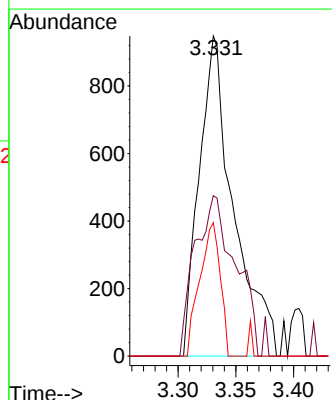
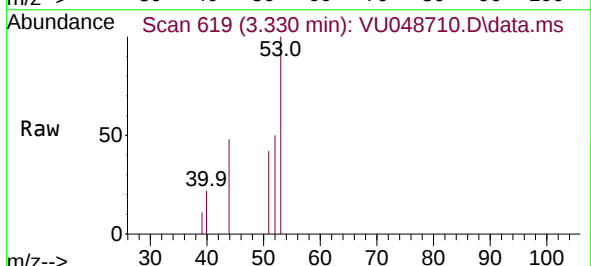
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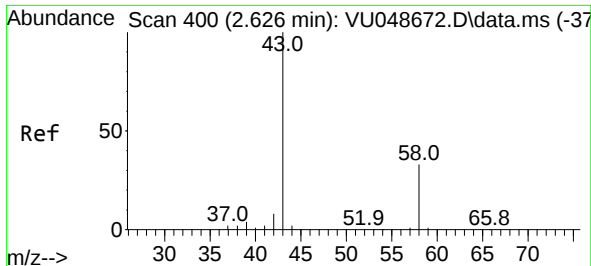
Tgt Ion: 56 Resp: 376
Ion Ratio Lower Upper
56 100
55 112.8 57.7 86.5#



#15
Acrylonitrile
Concen: 1.028 ug/l
RT: 3.330 min Scan# 619
Delta R.T. 0.019 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion: 53 Resp: 1959
Ion Ratio Lower Upper
53 100
52 59.2 66.3 99.5#
51 24.8 28.6 42.8#

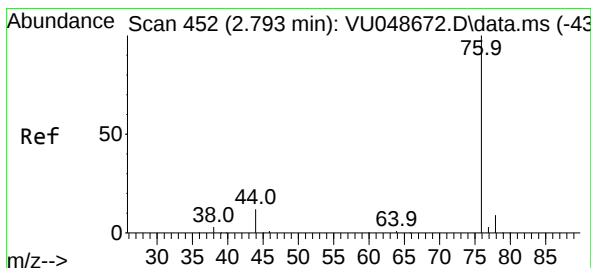
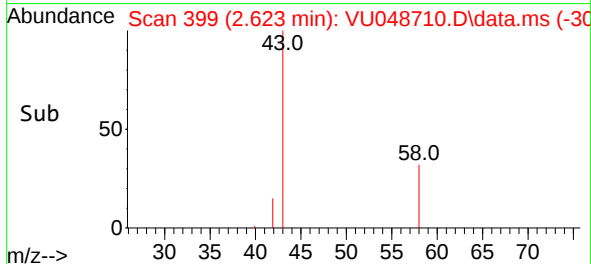
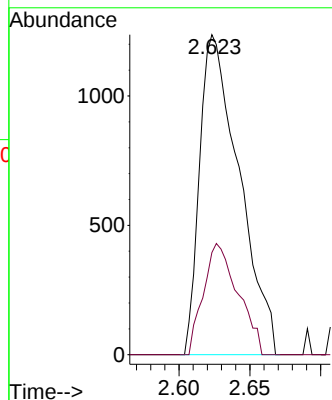
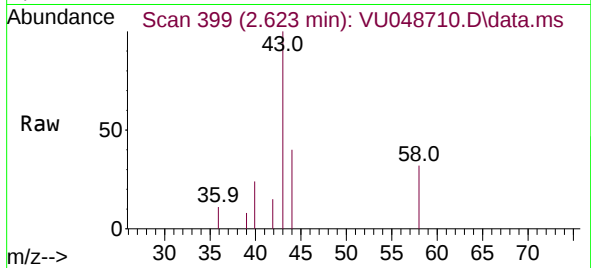




#16
Acetone
Concen: 1.357 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

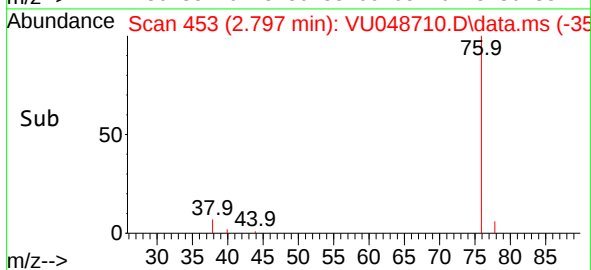
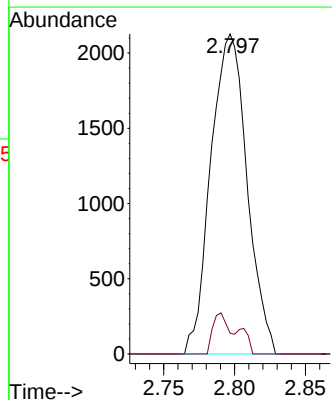
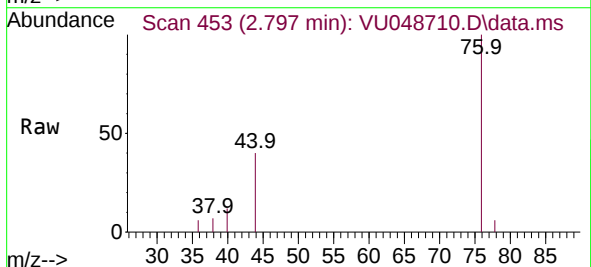
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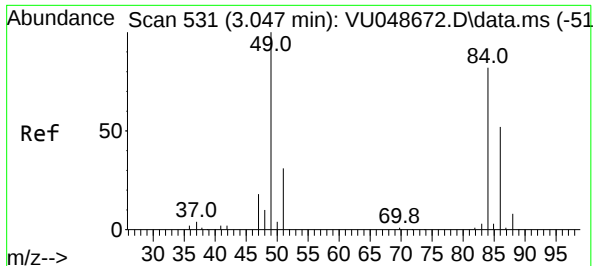
Tgt Ion: 43 Resp: 2396
Ion Ratio Lower Upper
43 100
58 31.9 26.3 39.5



#17
Carbon Disulfide
Concen: 0.552 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion: 76 Resp: 3783
Ion Ratio Lower Upper
76 100
78 6.5 7.3 10.9#

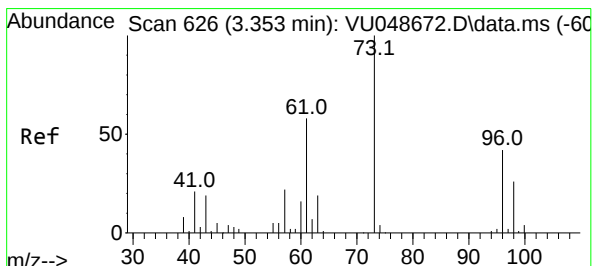
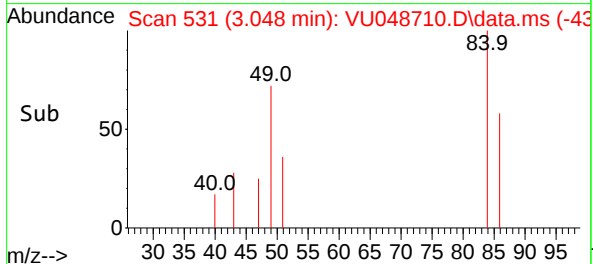
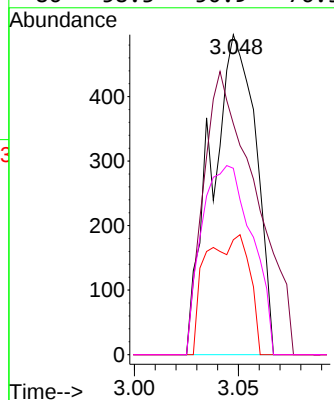
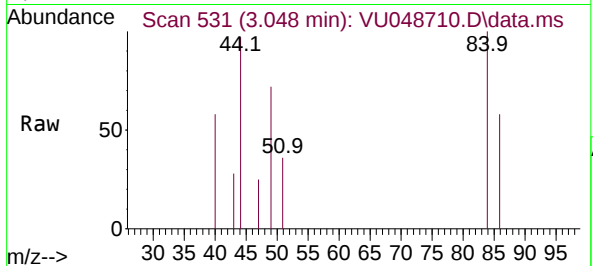




#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 3.048 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

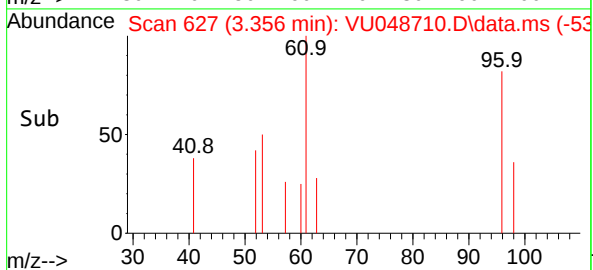
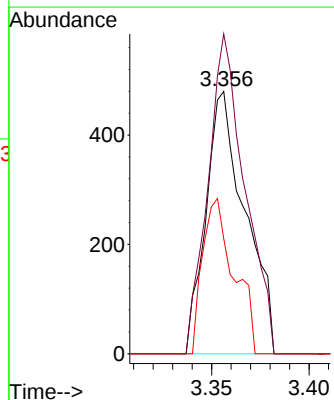
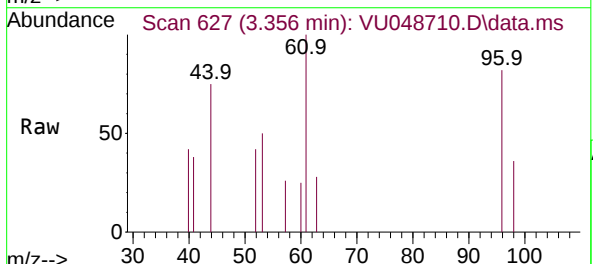
Instrument :
MSVOA_U
ClientSampleId :
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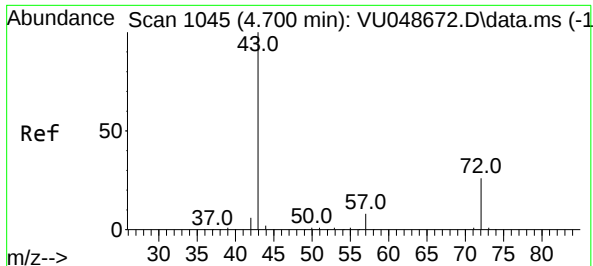
Tgt Ion:	84	Resp:	740
Ion	Ratio	Lower	Upper
84	100		
49	72.2	97.0	145.4#
51	35.9	29.8	44.8
86	58.3	50.9	76.3



#21
trans-1,2-Dichloroethene
Concen: 0.251 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:	96	Resp:	673
Ion	Ratio	Lower	Upper
96	100		
61	121.9	109.4	164.2
98	44.0	48.9	73.3#





#25

2-Butanone

Concen: 0.688 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

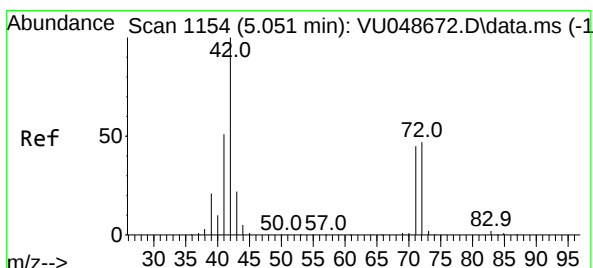
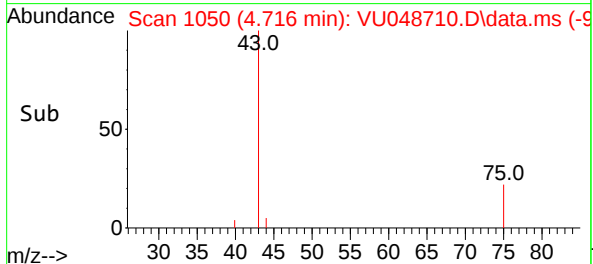
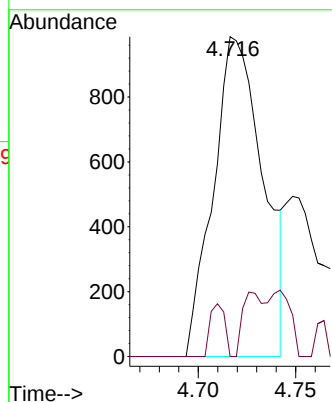
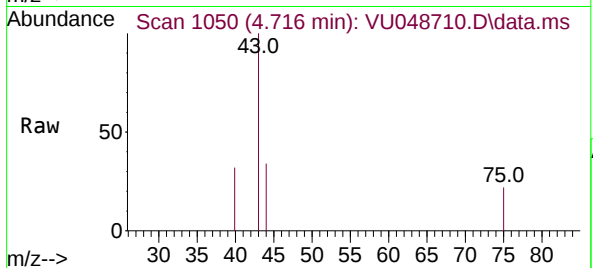
VU0527WBL02

Tgt Ion: 43 Resp: 1744

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.780 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

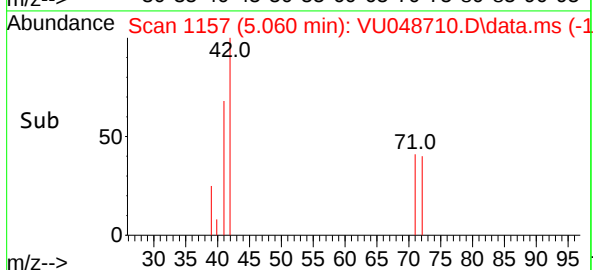
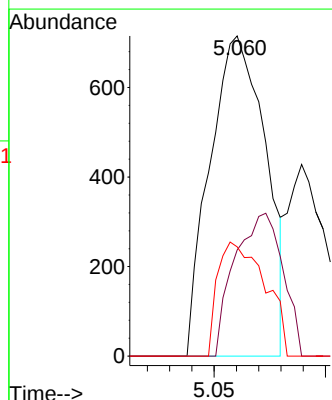
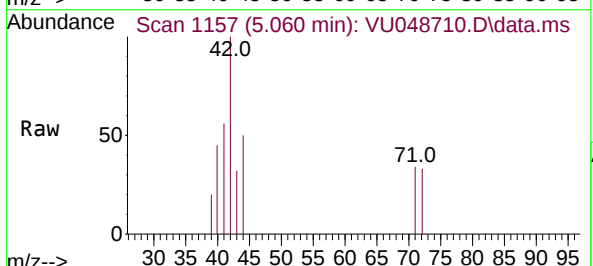
Tgt Ion: 42 Resp: 1246

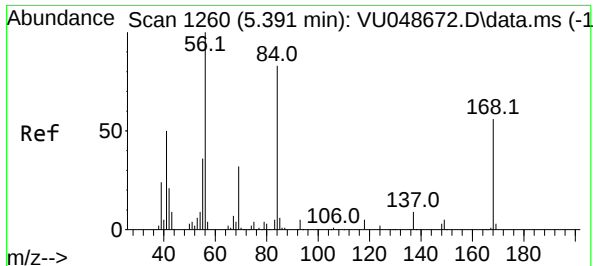
Ion Ratio Lower Upper

42 100

72 38.4 37.6 56.4

71 30.2 35.0 52.4#





#31

Cyclohexane

Concen: 1.099 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.016 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBL02

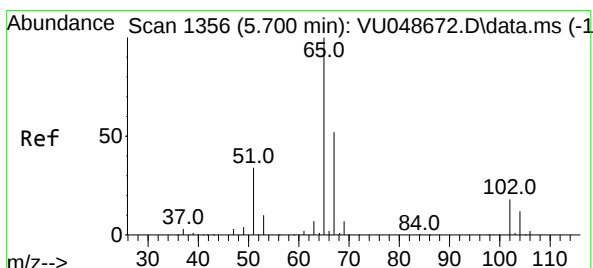
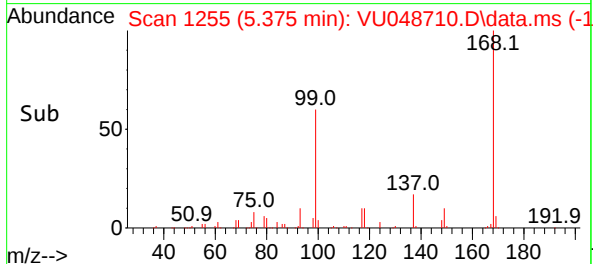
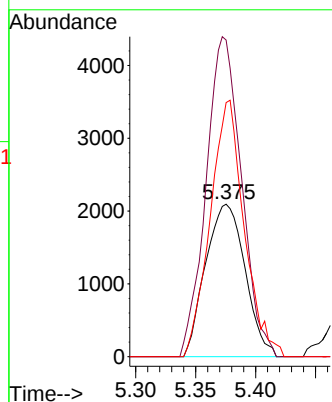
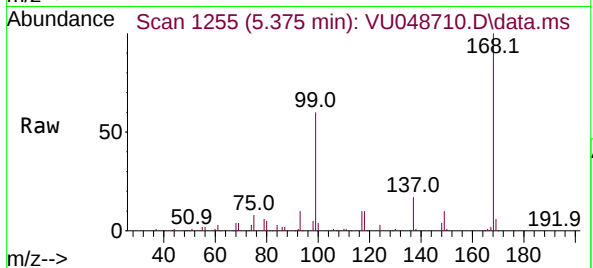
Tgt Ion: 56 Resp: 4796

Ion Ratio Lower Upper

56 100

69 207.7 25.6 38.4#

84 166.7 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 50.892 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048710.D

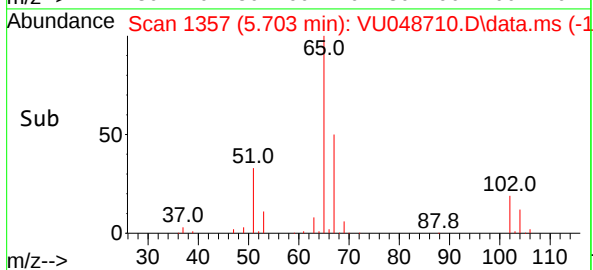
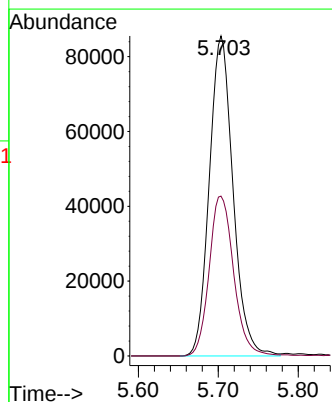
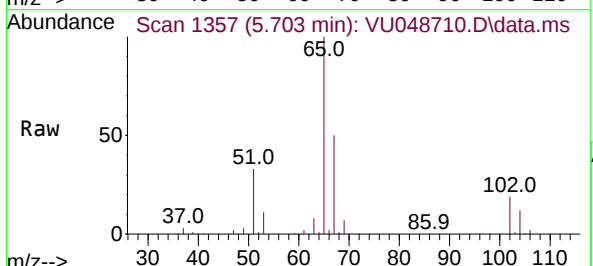
Acq: 27 May 2022 22:07

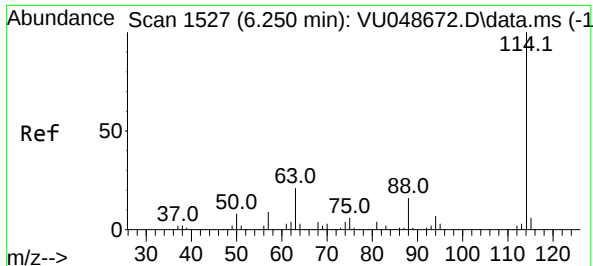
Tgt Ion: 65 Resp: 176302

Ion Ratio Lower Upper

65 100

67 51.6 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: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBL02

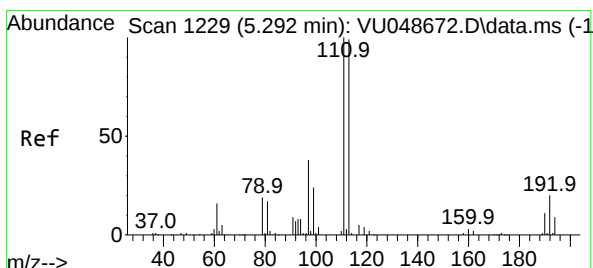
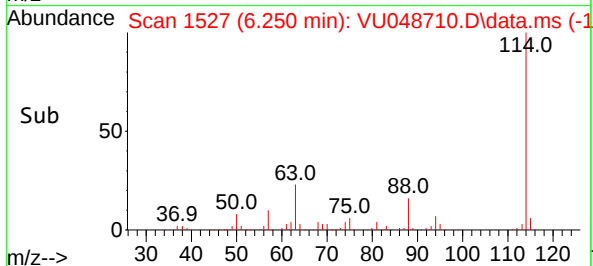
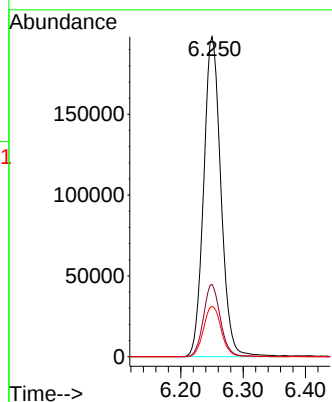
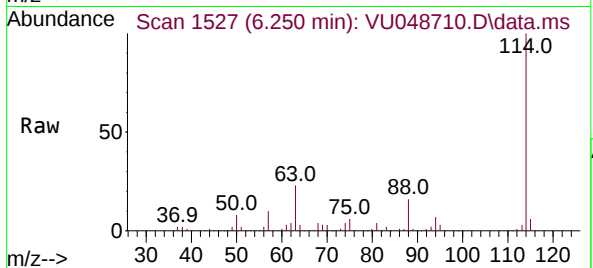
Tgt Ion:114 Resp: 381012

Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.6

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 54.927 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

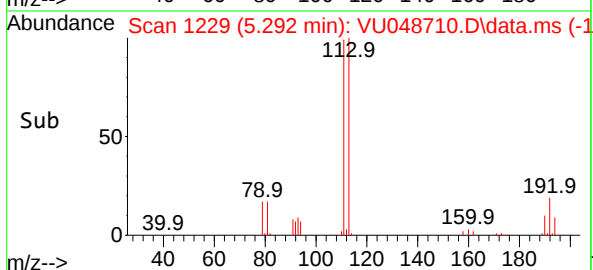
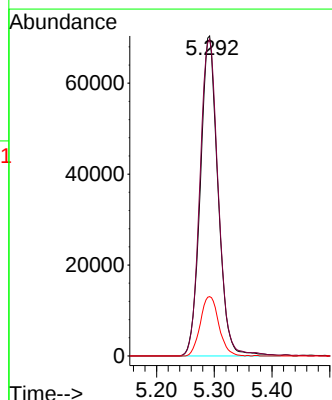
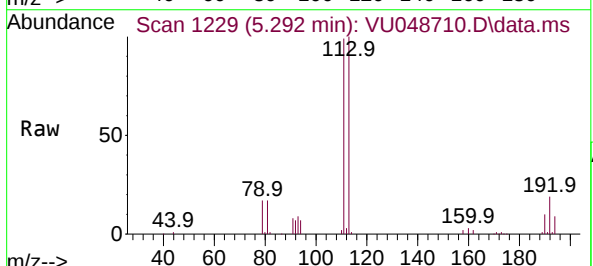
Tgt Ion:113 Resp: 149304

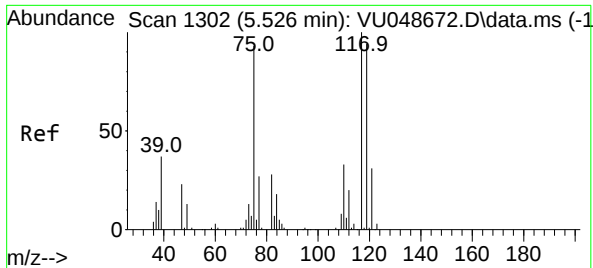
Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

192 19.4 15.9 23.9

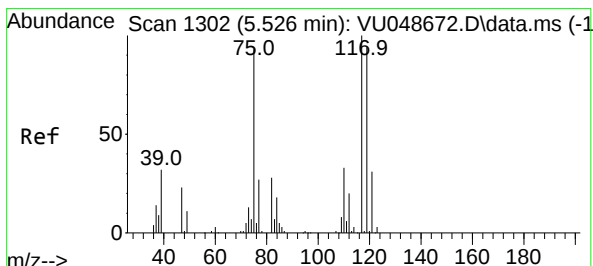
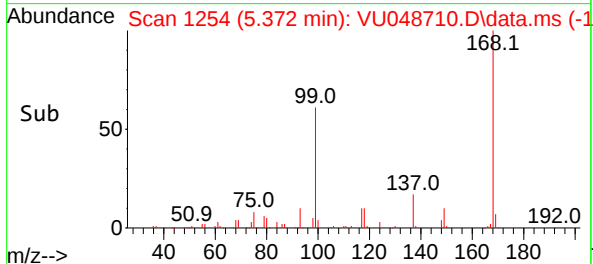
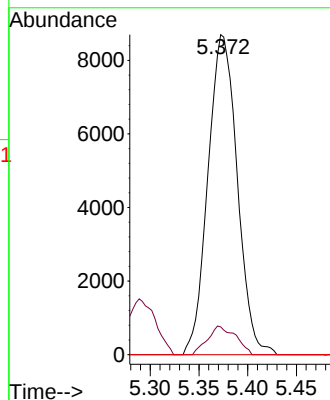
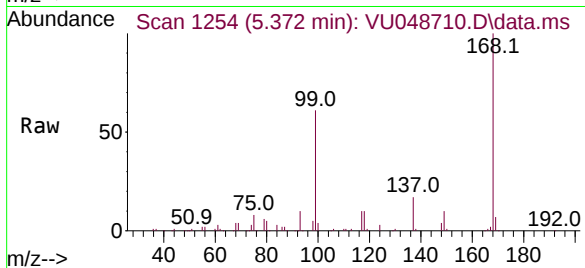




#36
 1,1-Dichloropropene
 Concen: 4.586 ug/l
 RT: 5.372 min Scan# 11
 Delta R.T. -0.154 min
 Lab File: VU048710.D
 Acq: 27 May 2022 22:07

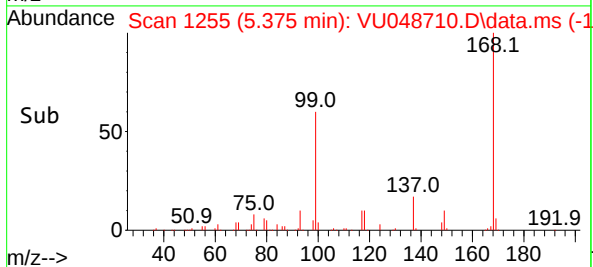
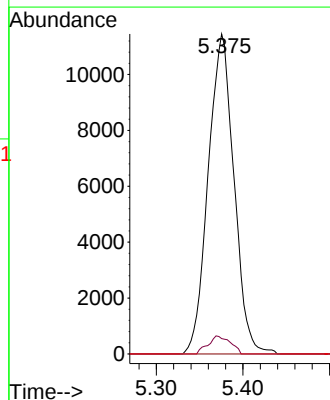
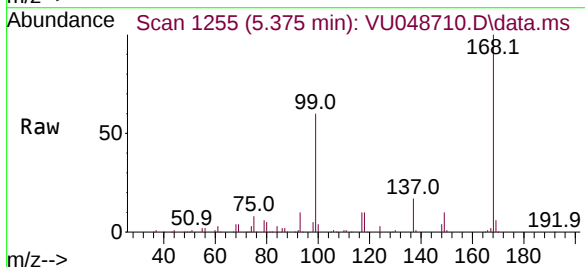
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBL02

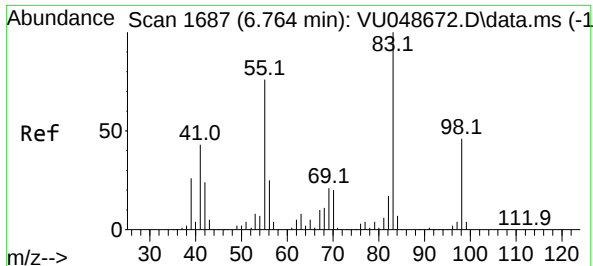
Tgt Ion: 75 Resp: 18192
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.4 52.3#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.198 ug/l
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.151 min
 Lab File: VU048710.D
 Acq: 27 May 2022 22:07

Tgt Ion: 117 Resp: 23657
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.4 113.2#
 121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 0.212 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBL02

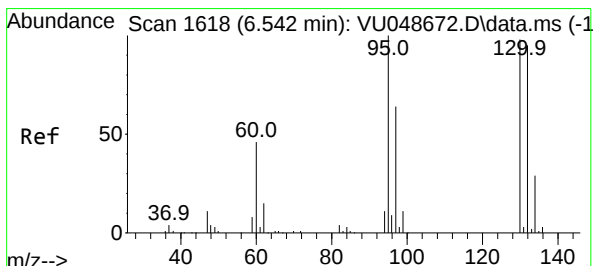
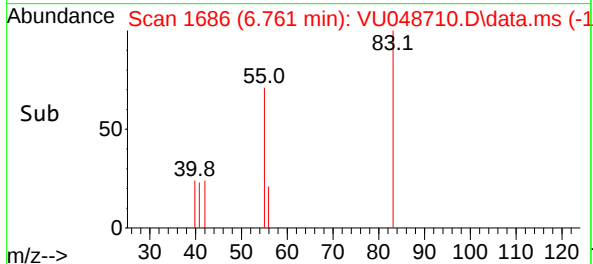
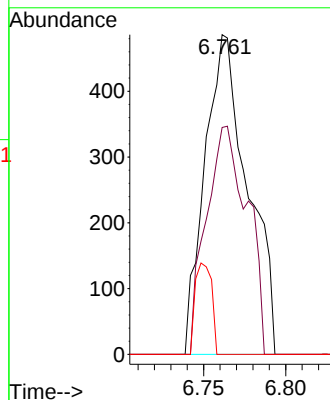
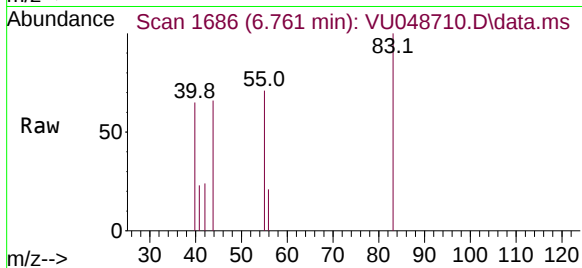
Tgt Ion: 83 Resp: 883

Ion Ratio Lower Upper

83 100

55 71.0 61.0 91.6

98 0.0 36.8 55.2#



#44

Trichloroethene

Concen: 0.220 ug/l

RT: 6.552 min Scan# 1621

Delta R.T. 0.010 min

Lab File: VU048710.D

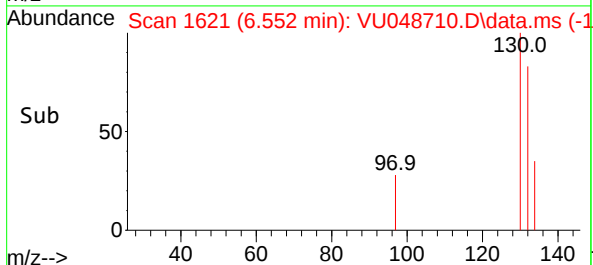
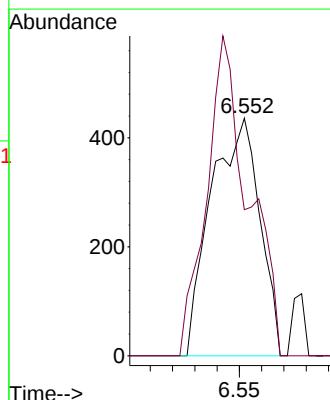
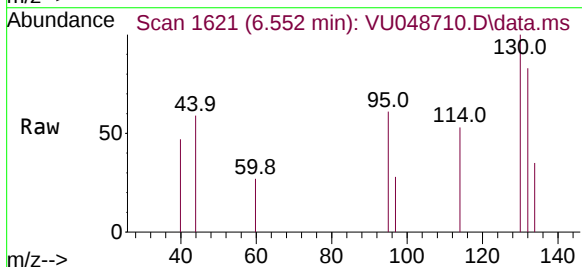
Acq: 27 May 2022 22:07

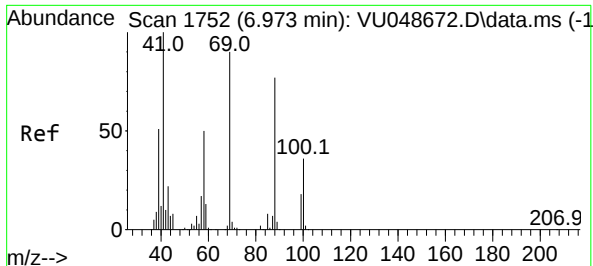
Tgt Ion:130 Resp: 663

Ion Ratio Lower Upper

130 100

95 61.5 0.0 204.8





#49

1,4-Dioxane

Concen: 23.149 ug/l

RT: 6.973 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBL02

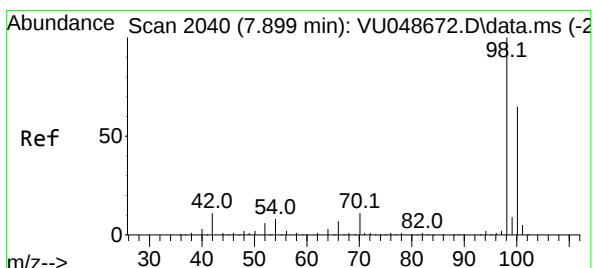
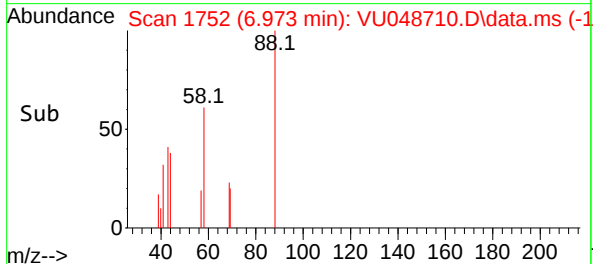
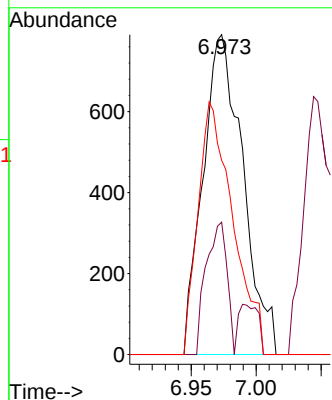
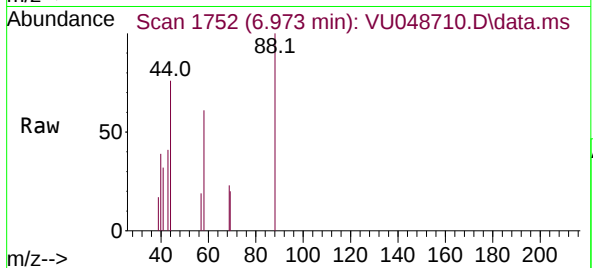
Tgt Ion: 88 Resp: 1691

Ion Ratio Lower Upper

88 100

43 21.6 24.6 36.8#

58 68.8 54.7 82.1



#50

Toluene-d8

Concen: 46.273 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048710.D

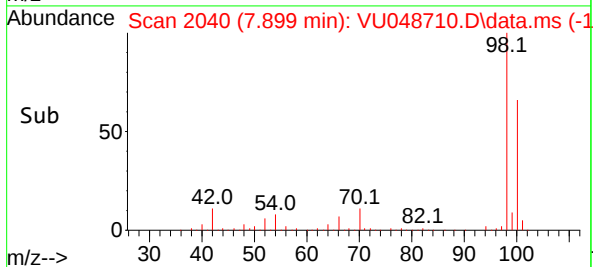
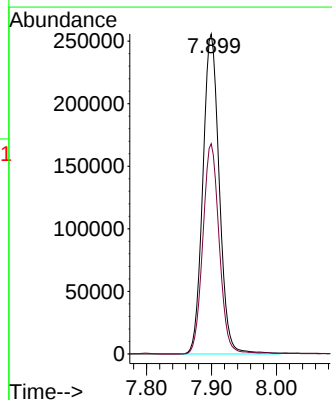
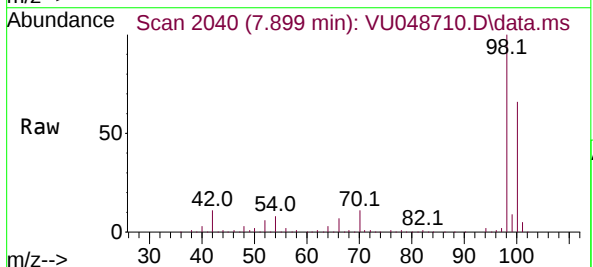
Acq: 27 May 2022 22:07

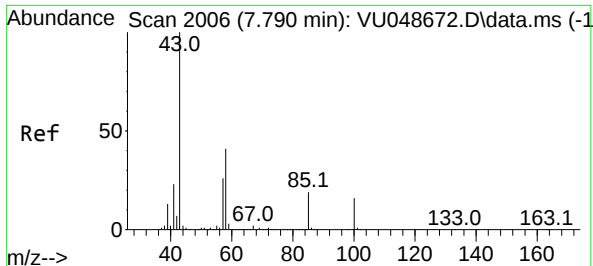
Tgt Ion: 98 Resp: 450882

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 1.675 ug/l

RT: 7.793 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

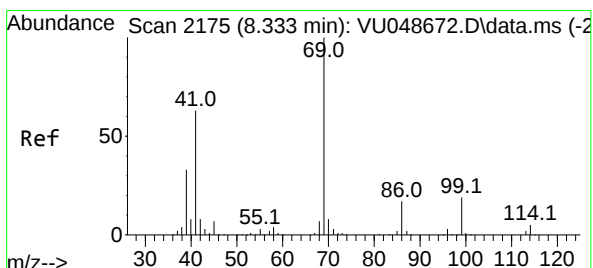
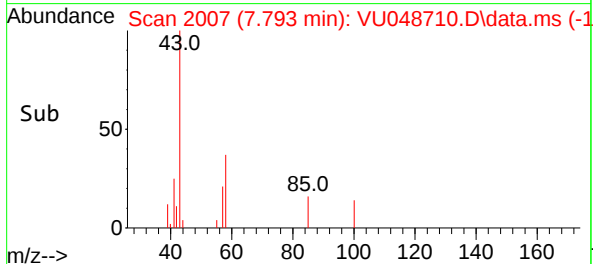
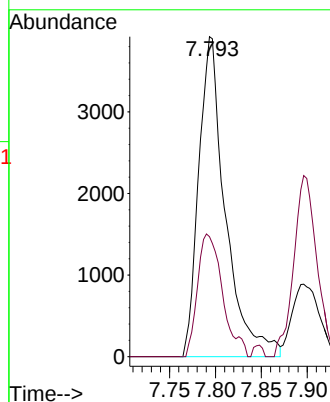
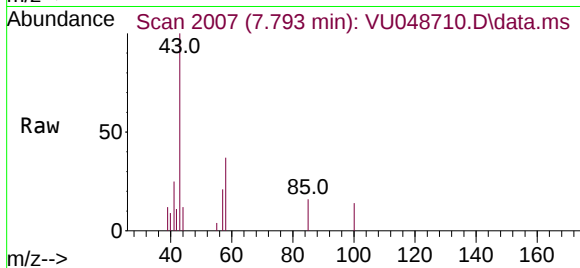
VU0527WBL02

Tgt Ion: 43 Resp: 7915

Ion Ratio Lower Upper

43 100

58 35.9 32.7 49.1



#56

Ethyl methacrylate

Concen: 2.807 ug/l

RT: 8.343 min Scan# 2178

Delta R.T. 0.010 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

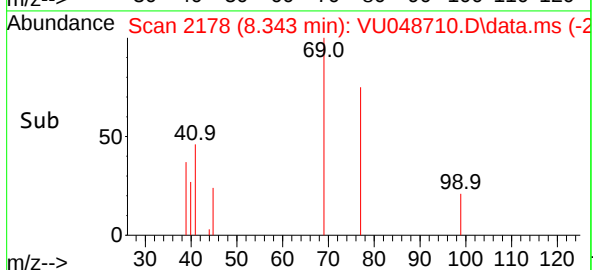
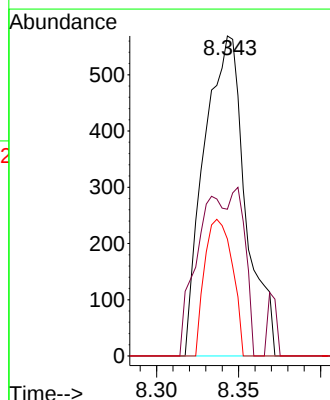
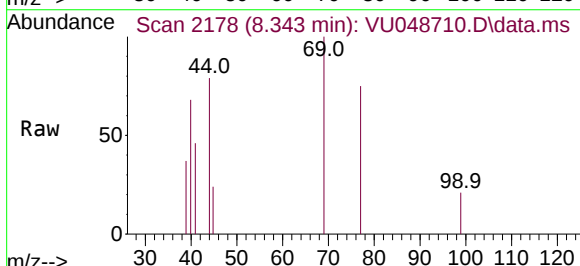
Tgt Ion: 69 Resp: 997

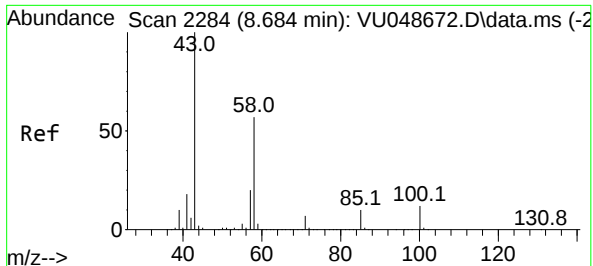
Ion Ratio Lower Upper

69 100

41 38.4 50.6 76.0#

39 28.6 26.6 40.0





#59

2-Hexanone

Concen: 2.434 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

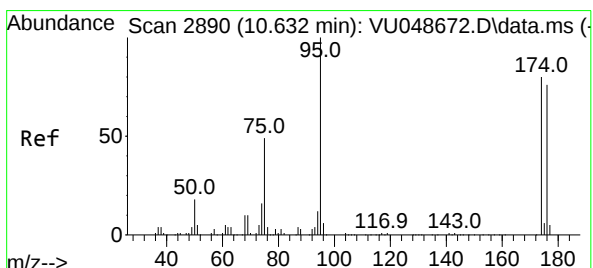
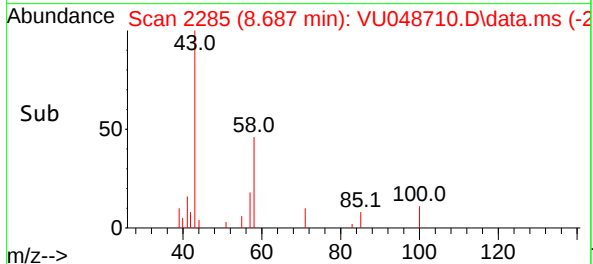
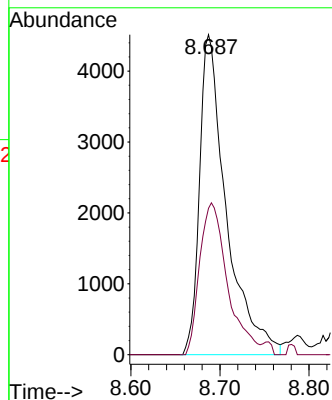
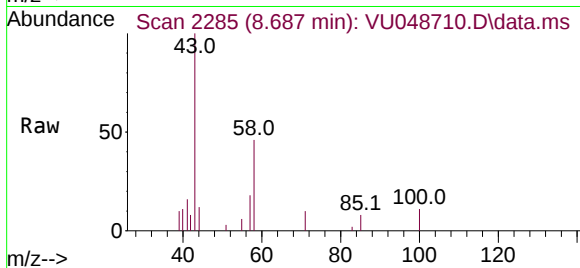
VU0527WBL02

Tgt Ion: 43 Resp: 9443

Ion Ratio Lower Upper

43 100

58 49.3 28.2 84.6



#62

4-Bromofluorobenzene

Concen: 56.455 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.000 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

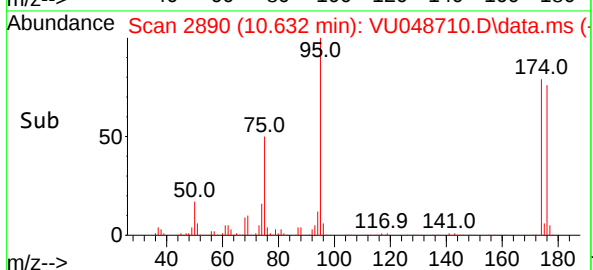
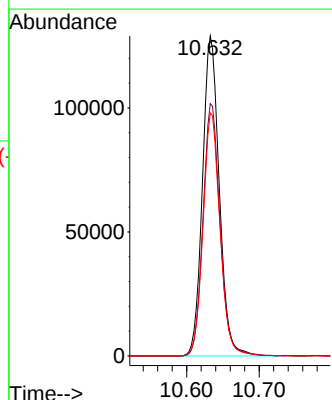
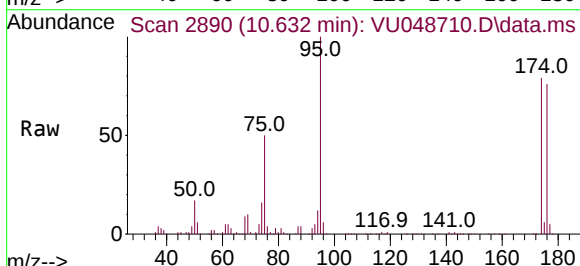
Tgt Ion: 95 Resp: 208039

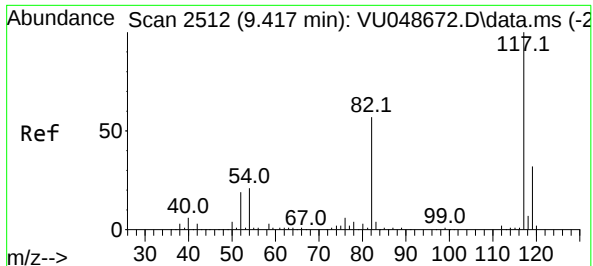
Ion Ratio Lower Upper

95 100

174 80.2 0.0 159.4

176 76.4 0.0 152.4

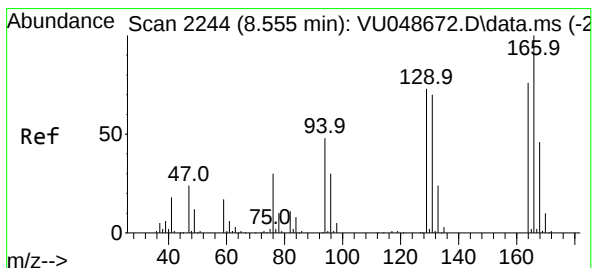
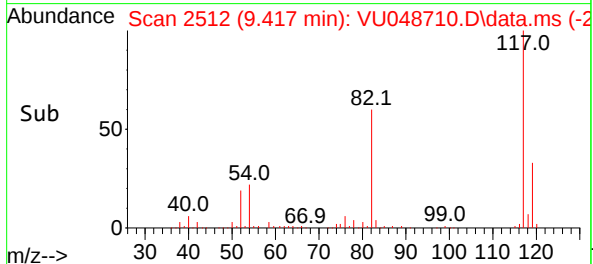
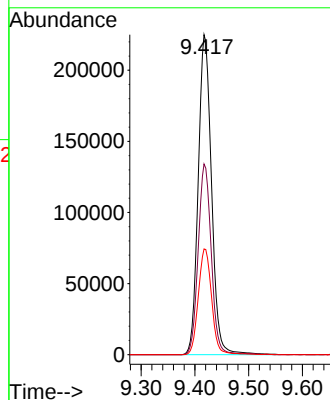
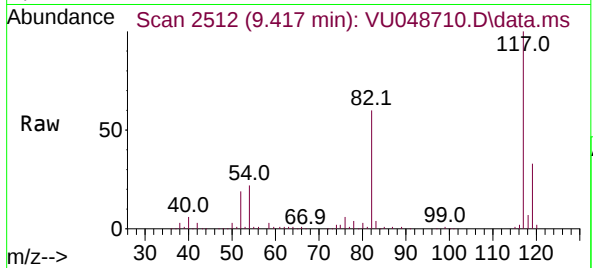




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

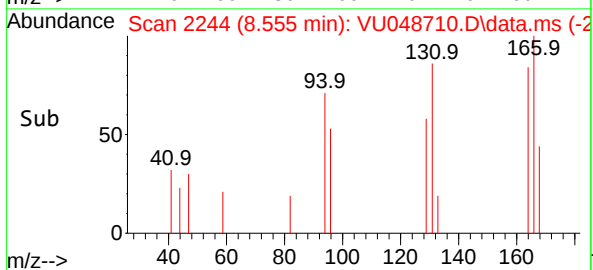
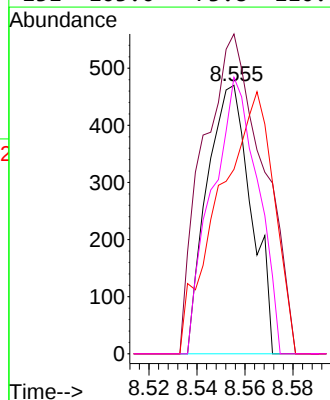
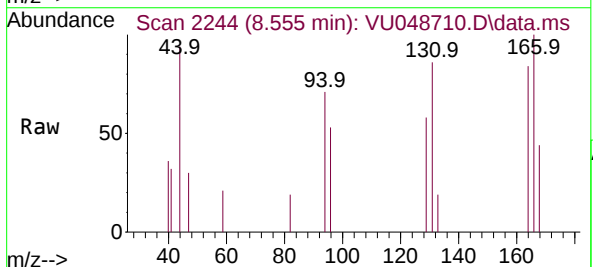
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

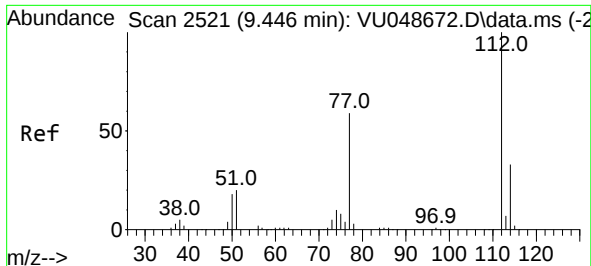
Tgt Ion:117 Resp: 386598
Ion Ratio Lower Upper
117 100
82 59.6 45.3 67.9
119 33.1 25.4 38.2



#64
Tetrachloroethene
Concen: Below Cal
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:164 Resp: 599
Ion Ratio Lower Upper
164 100
166 119.1 105.0 157.4
129 68.7 76.5 114.7#
131 103.0 73.8 110.6





#65

Chlorobenzene

Concen: 0.260 ug/l

RT: 9.449 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

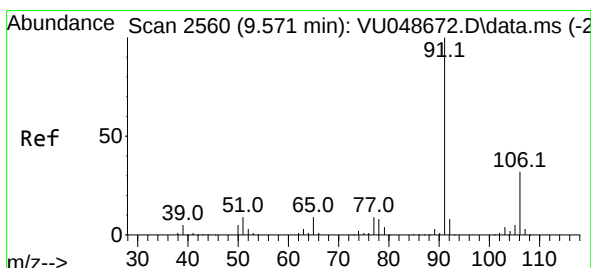
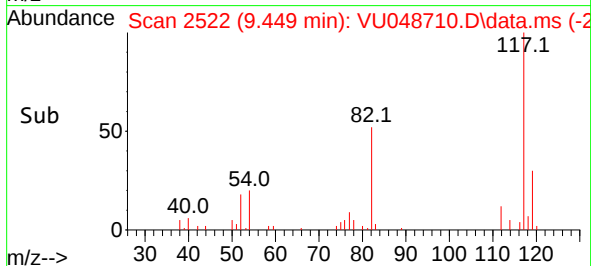
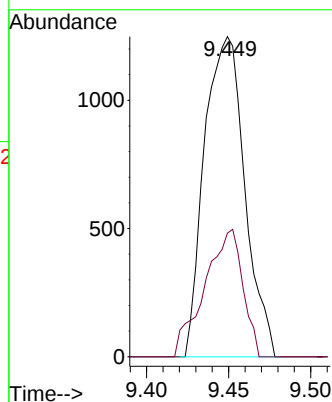
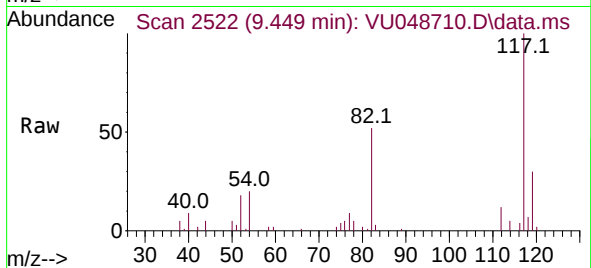
VU0527WBL02

Tgt Ion:112 Resp: 2129

Ion Ratio Lower Upper

112 100

114 38.6 26.3 39.5



#67

Ethyl Benzene

Concen: 0.475 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048710.D

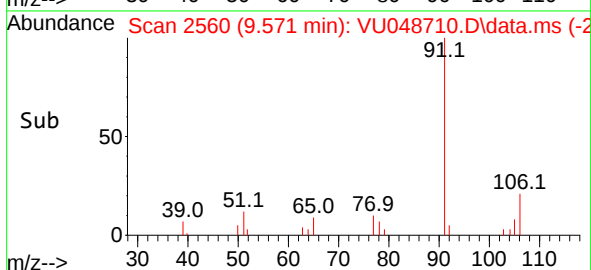
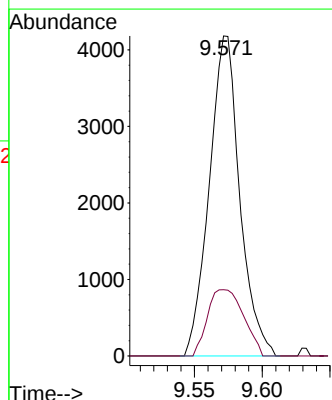
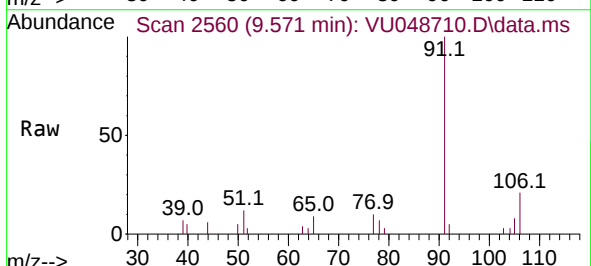
Acq: 27 May 2022 22:07

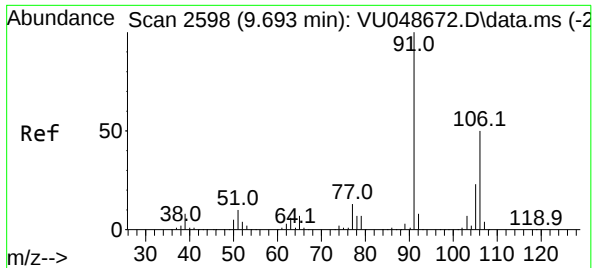
Tgt Ion: 91 Resp: 6544

Ion Ratio Lower Upper

91 100

106 20.7 25.4 38.2#

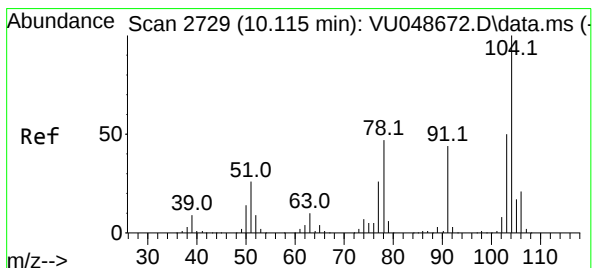
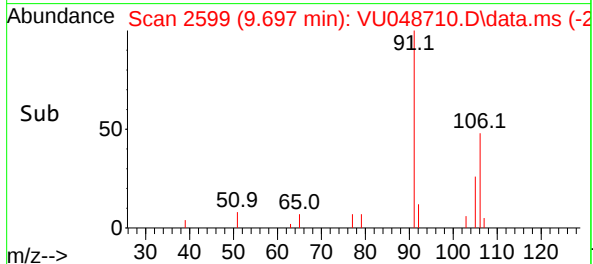
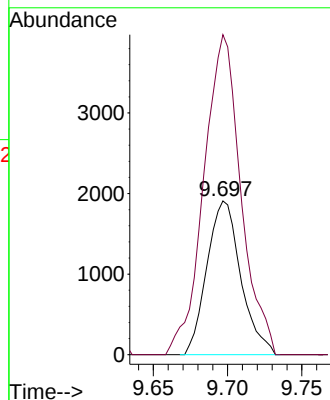
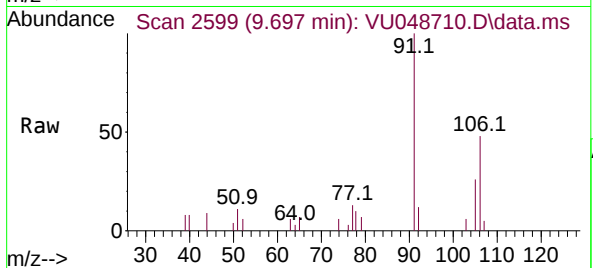




#68
m/p-Xylenes
Concen: 0.560 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

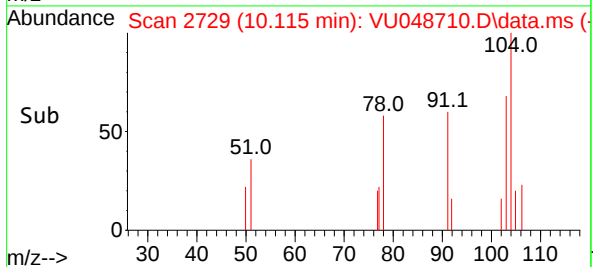
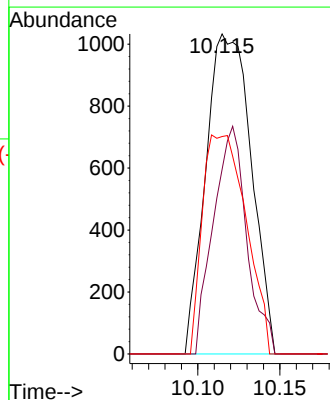
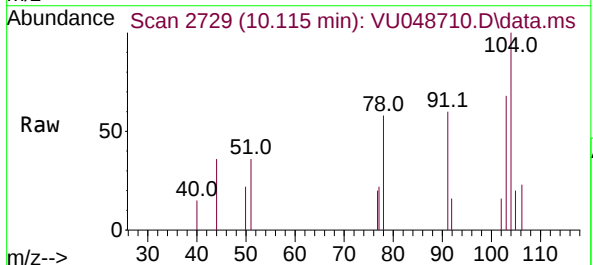
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

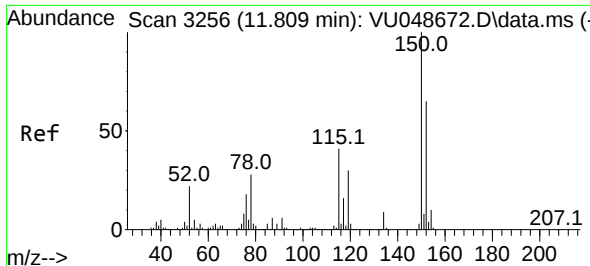
Tgt Ion:106 Resp: 3021
Ion Ratio Lower Upper
106 100
91 228.5 162.4 243.6



#70
Styrene
Concen: 0.228 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:104 Resp: 1987
Ion Ratio Lower Upper
104 100
78 52.3 41.2 61.8
103 65.8 43.4 65.2#

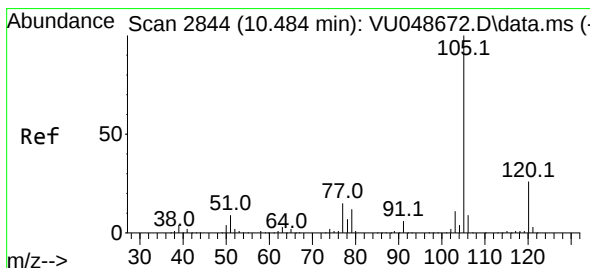
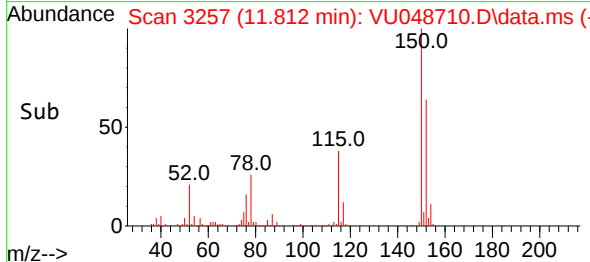
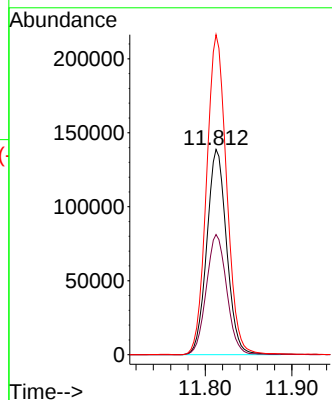
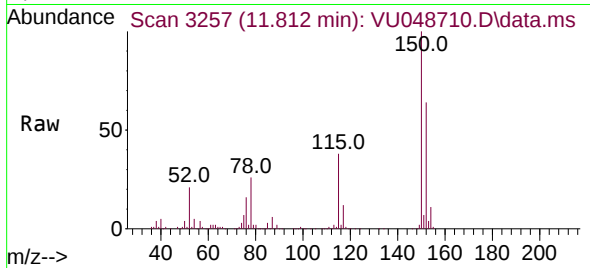




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

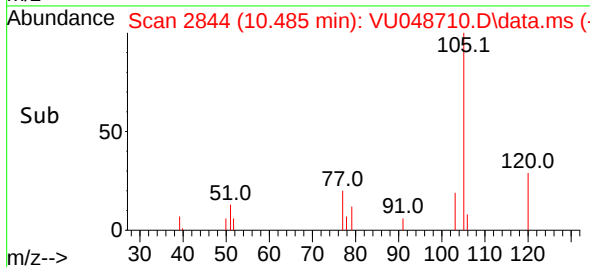
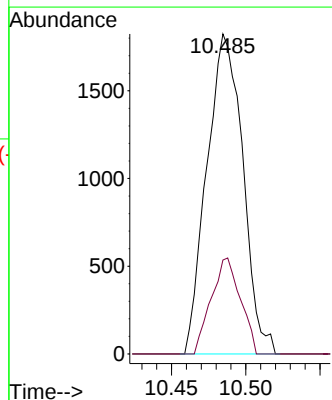
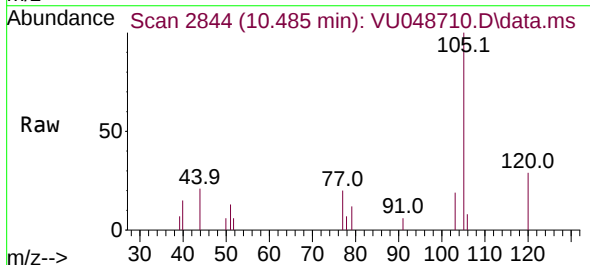
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

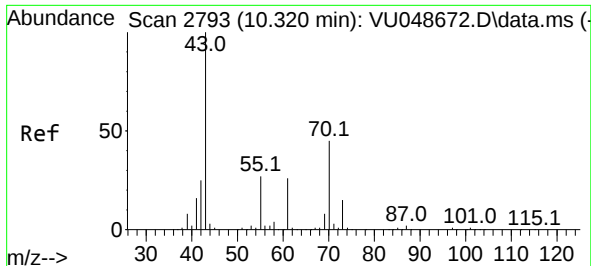
Tgt Ion:152 Resp: 220727
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 157.8 0.0 341.0



#73
Isopropylbenzene
Concen: 0.216 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:105 Resp: 3071
Ion Ratio Lower Upper
105 100
120 24.3 12.9 38.6

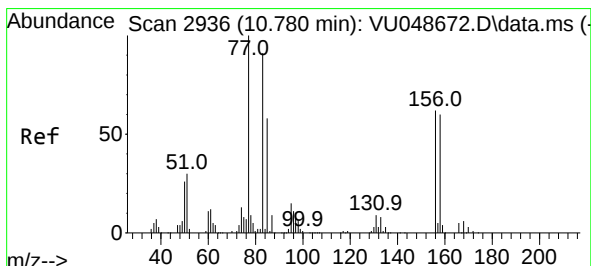
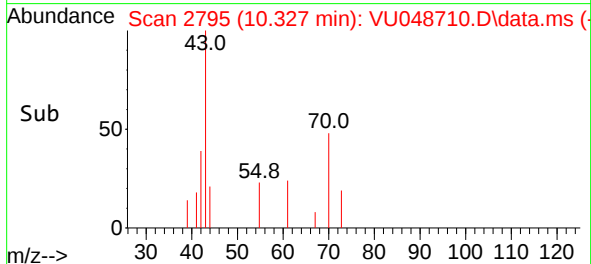
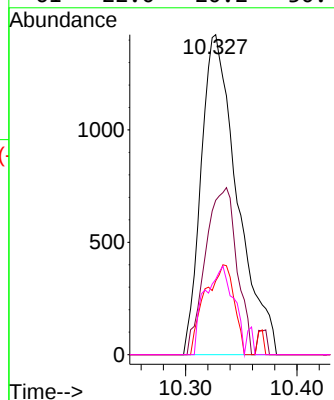
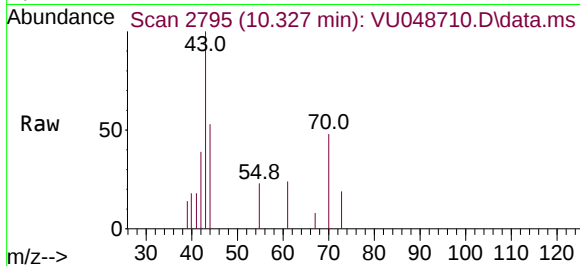




#74
N-amy1 acetate
Concen: 2.889 ug/l
RT: 10.327 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

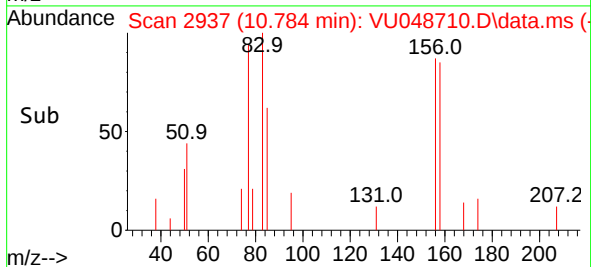
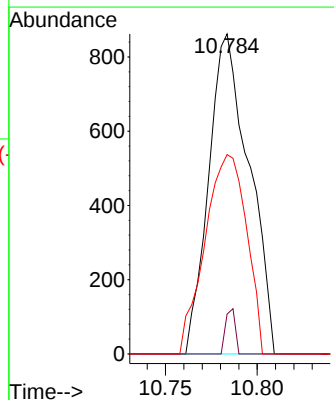
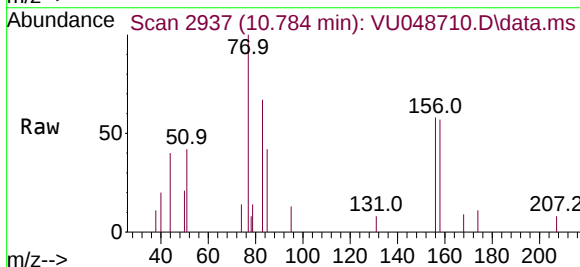
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

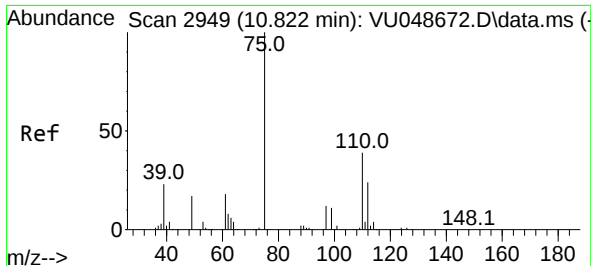
Tgt Ion:	43	Resp:	3201
Ion	Ratio	Lower	Upper
43	100		
70	45.4	35.8	53.6
55	22.6	21.1	31.7
61	22.0	20.2	30.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.227 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:	83	Resp:	1318
Ion	Ratio	Lower	Upper
83	100		
131	3.3	5.2	15.6#
85	64.2	32.5	97.4

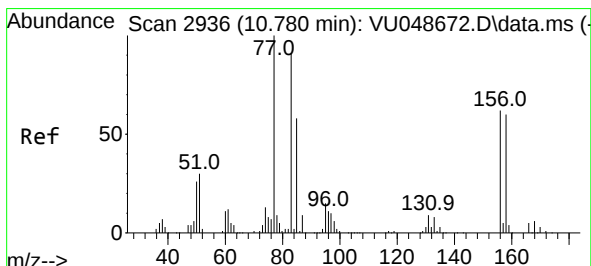
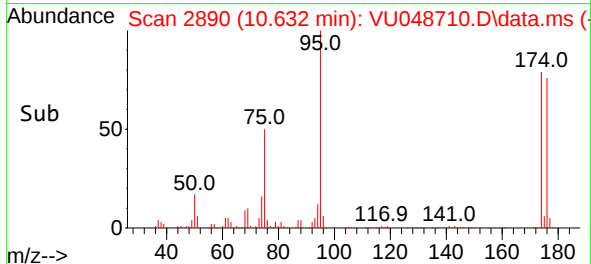
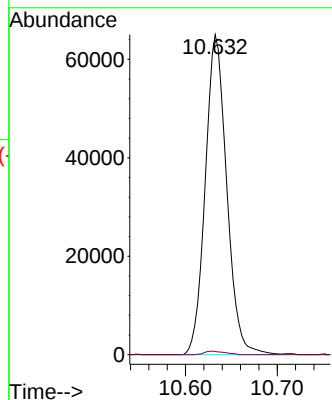
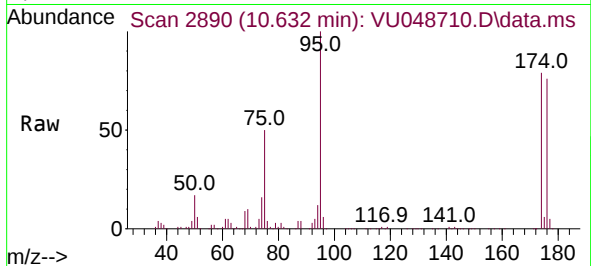




#76
1,2,3-Trichloropropane
Concen: 14.845 ug/l
RT: 10.632 min Scan# 2949
Delta R.T. -0.190 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

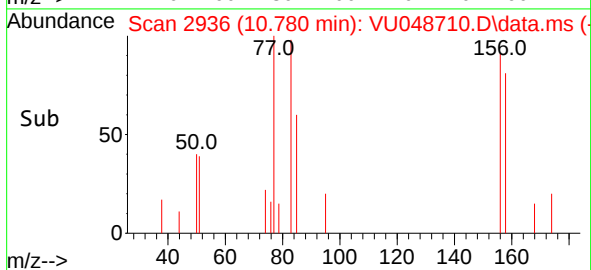
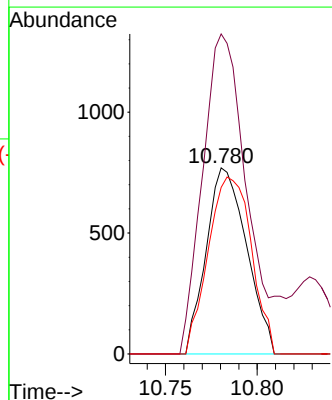
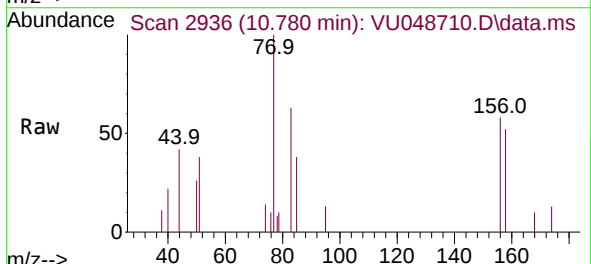
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

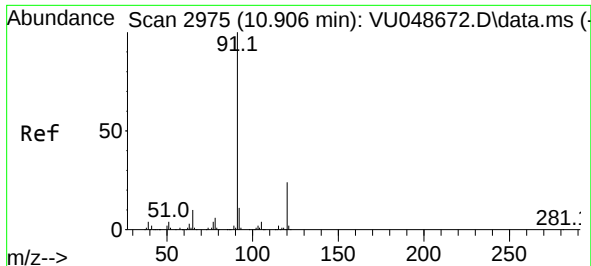
Tgt Ion: 75 Resp: 105645
Ion Ratio Lower Upper
75 100
77 1.1 14.8 44.3#



#77
Bromobenzene
Concen: 0.308 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:156 Resp: 1178
Ion Ratio Lower Upper
156 100
77 193.8 81.1 243.3
158 101.7 48.8 146.4

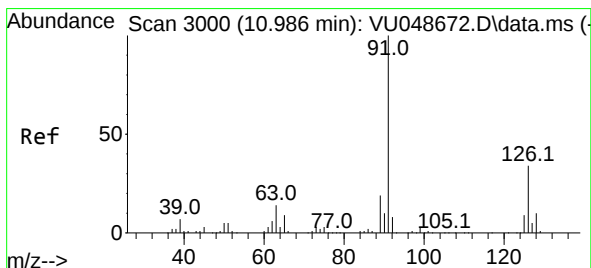
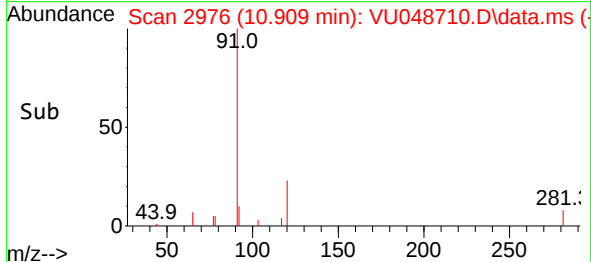
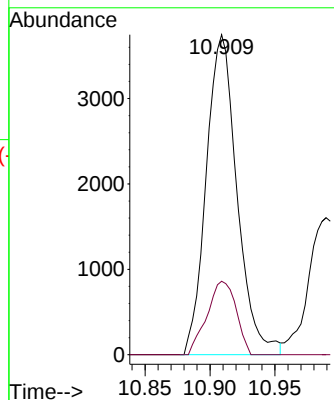
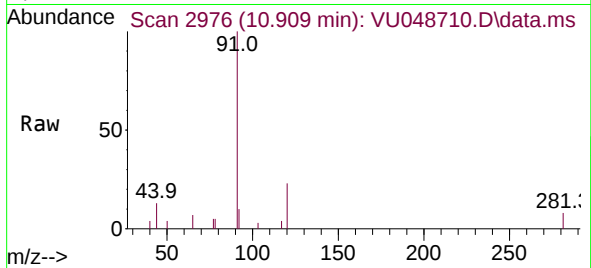




#78
n-propylbenzene
Concen: 0.364 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

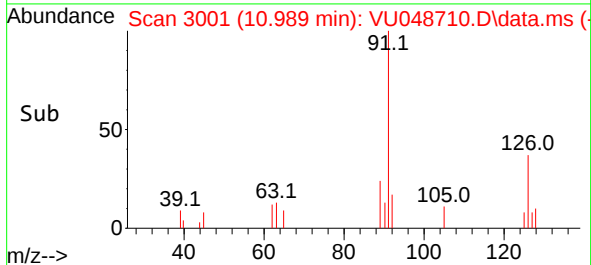
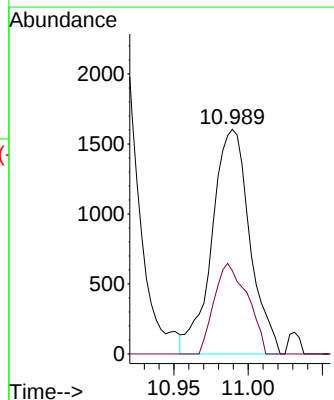
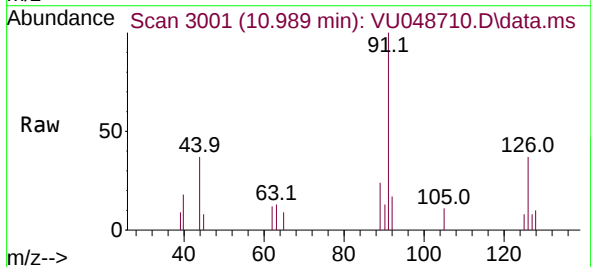
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

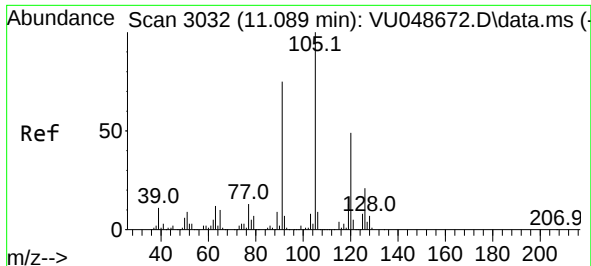
Tgt Ion: 91 Resp: 6177
Ion Ratio Lower Upper
91 100
120 21.6 11.6 34.7



#79
2-Chlorotoluene
Concen: 0.269 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion: 91 Resp: 2838
Ion Ratio Lower Upper
91 100
126 35.4 16.7 50.0

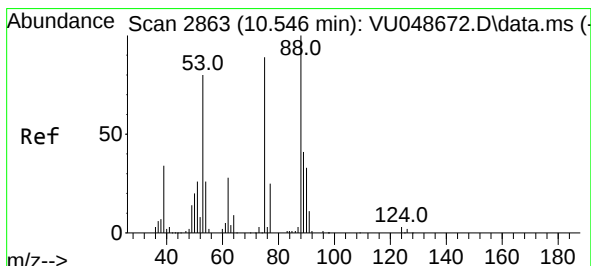
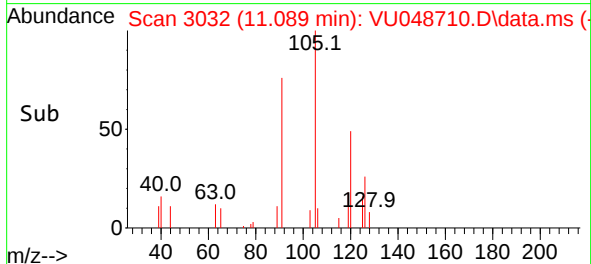
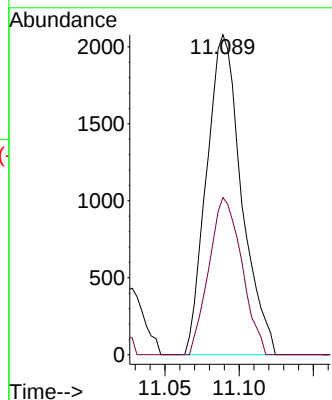
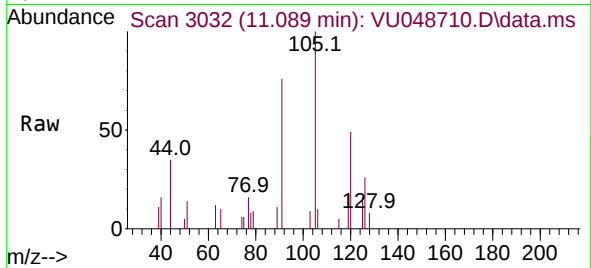




#80
1,3,5-Trimethylbenzene
Concen: 0.275 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

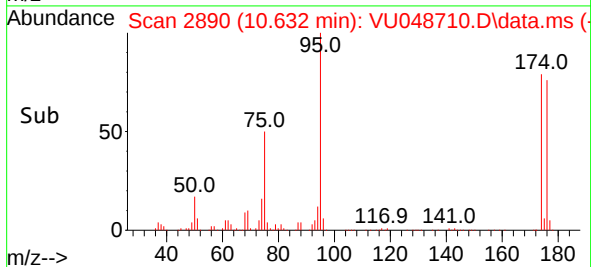
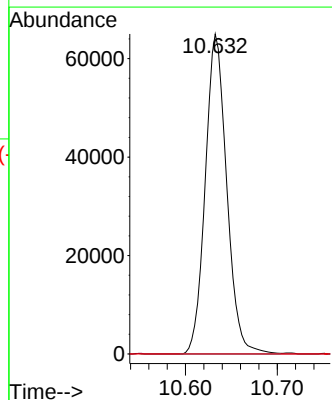
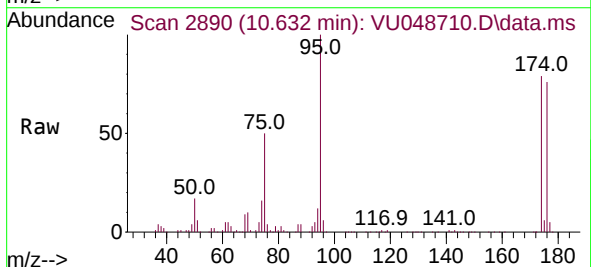
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

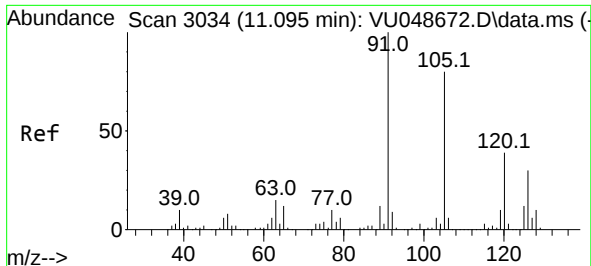
Tgt Ion:105 Resp: 3403
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 53.898 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion: 75 Resp: 105645
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

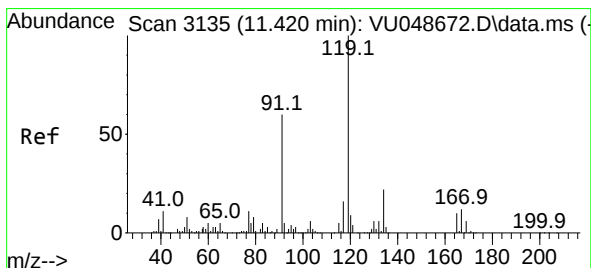
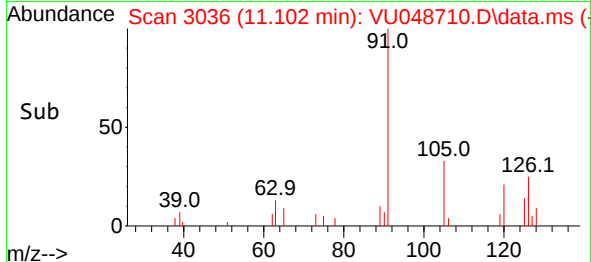
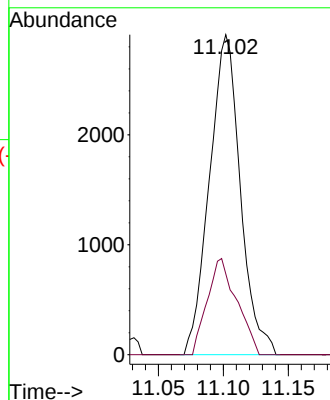
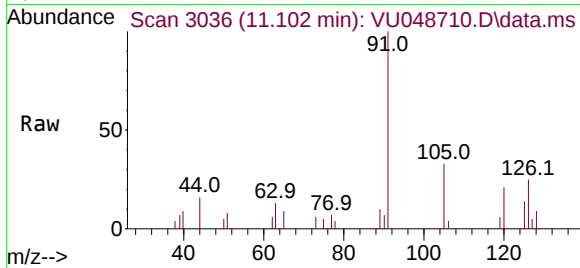




#82
4-Chlorotoluene
Concen: 0.394 ug/l
RT: 11.102 min Scan# 3034
Delta R.T. 0.007 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

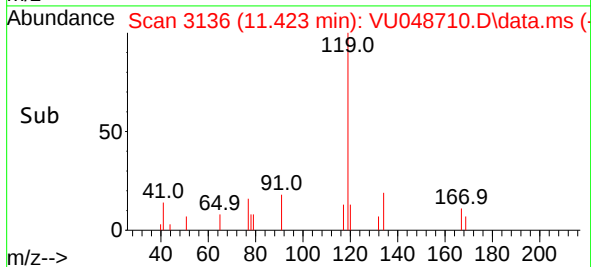
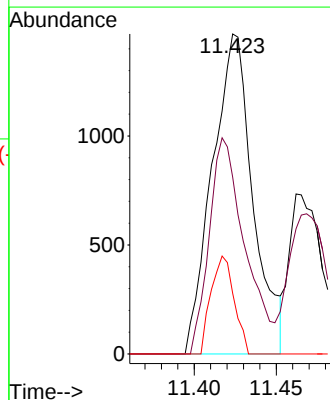
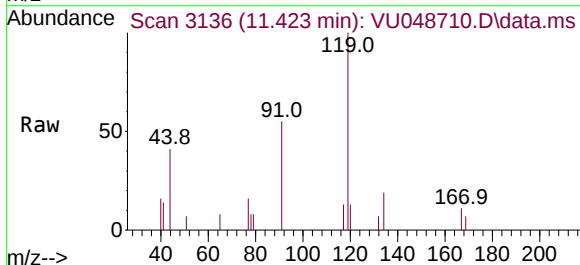
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

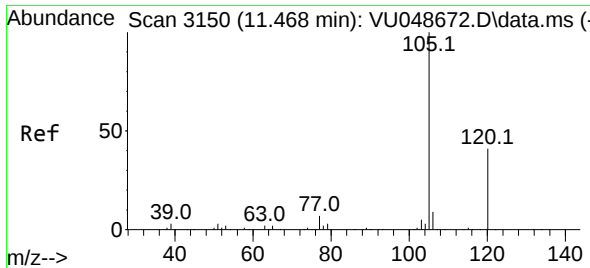
Tgt Ion: 91 Resp: 4802
Ion Ratio Lower Upper
91 100
126 28.8 14.4 43.2



#83
tert-Butylbenzene
Concen: 0.213 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion: 119 Resp: 2529
Ion Ratio Lower Upper
119 100
91 59.5 28.7 86.1
134 17.4 10.8 32.4

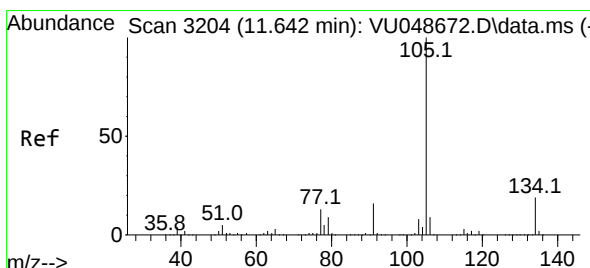
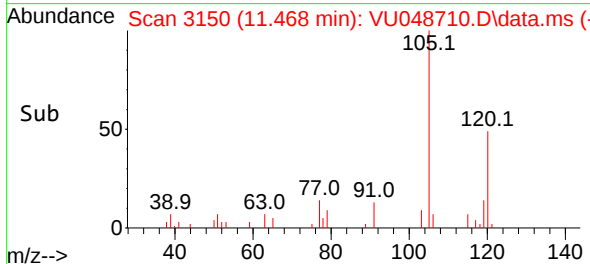
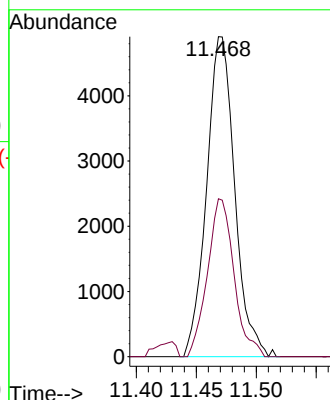
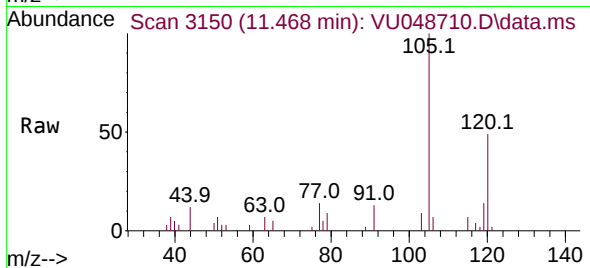




#84
1,2,4-Trimethylbenzene
Concen: 1.772 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

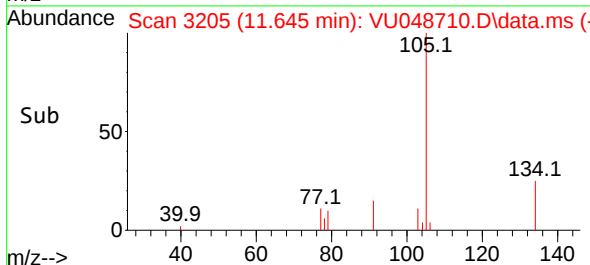
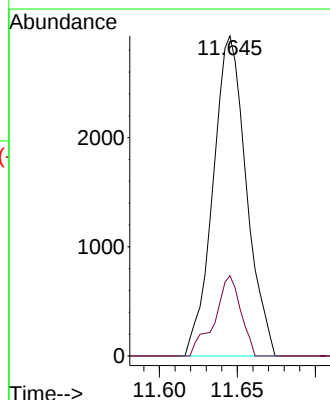
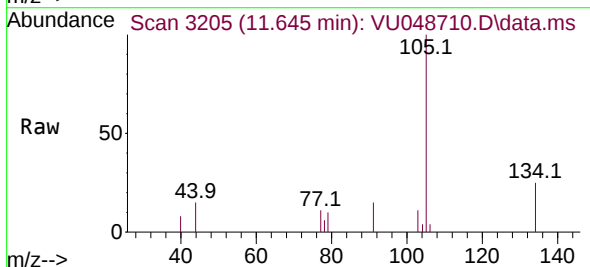
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

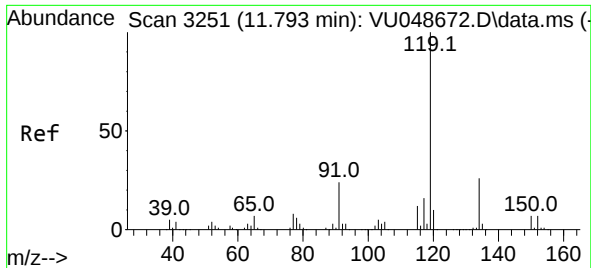
Tgt Ion:105 Resp: 8003
Ion Ratio Lower Upper
105 100
120 46.6 22.5 67.5



#85
sec-Butylbenzene
Concen: 0.293 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:105 Resp: 4363
Ion Ratio Lower Upper
105 100
134 19.6 9.6 28.6

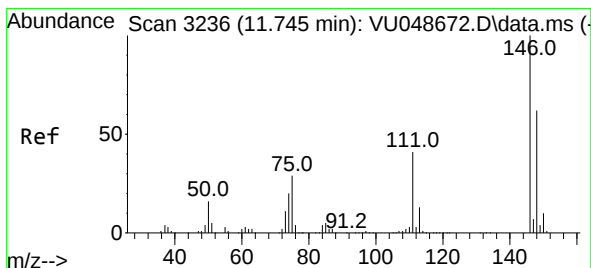
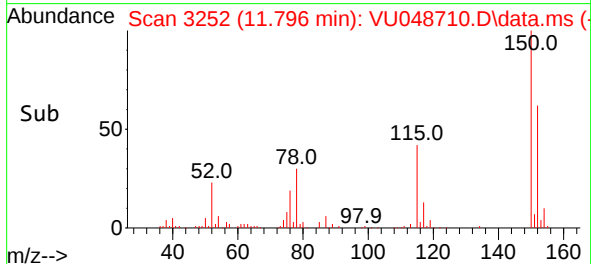
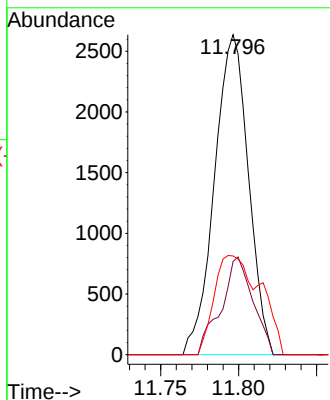
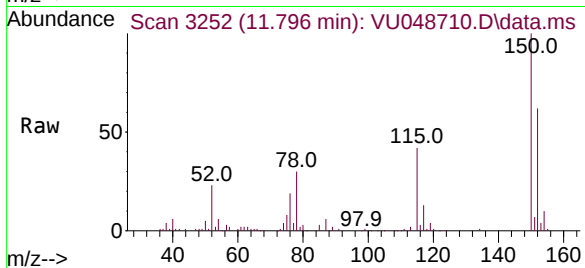




#86
 p-Isopropyltoluene
 Concen: 0.312 ug/l
 RT: 11.796 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048710.D
 Acq: 27 May 2022 22:07

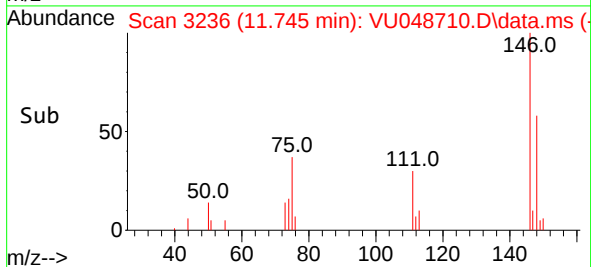
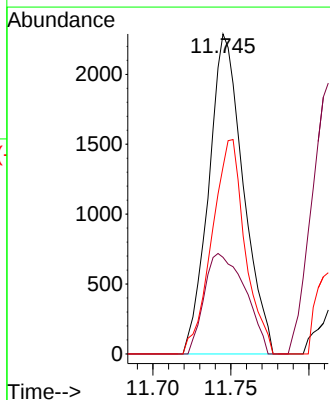
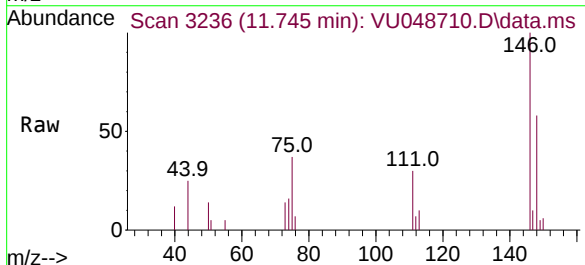
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBL02

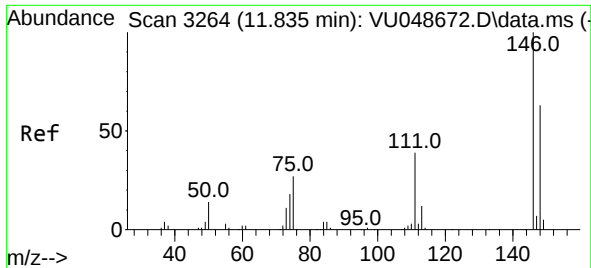
Tgt Ion:	119	Resp:	3991
Ion	Ratio	Lower	Upper
119	100		
134	28.7	12.8	38.4
91	42.1	12.0	36.0



#87
 1,3-Dichlorobenzene
 Concen: 0.469 ug/l
 RT: 11.745 min Scan# 3236
 Delta R.T. 0.000 min
 Lab File: VU048710.D
 Acq: 27 May 2022 22:07

Tgt Ion:	146	Resp:	3517
Ion	Ratio	Lower	Upper
146	100		
111	37.2	20.6	61.9
148	64.5	31.6	95.0

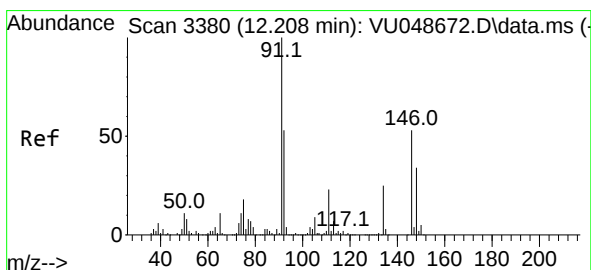
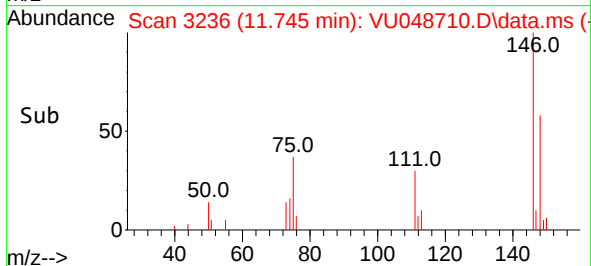
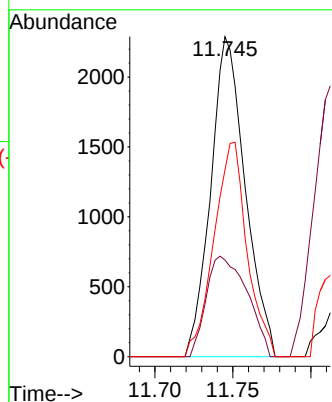
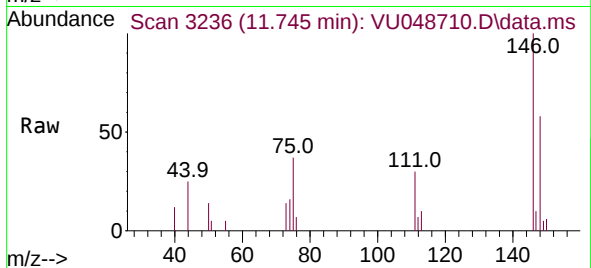




#88
1,4-Dichlorobenzene
Concen: 0.454 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.090 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

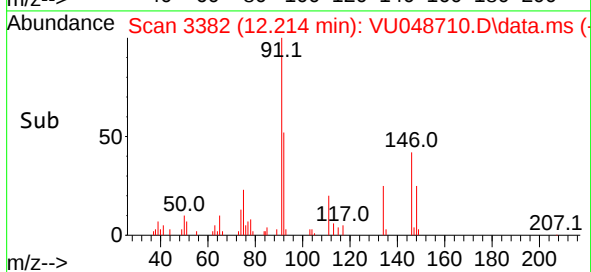
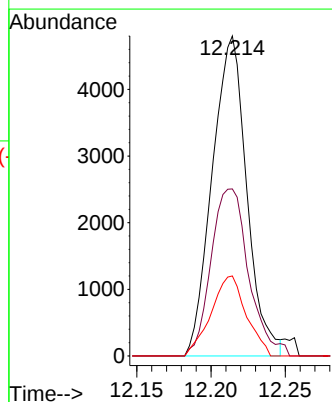
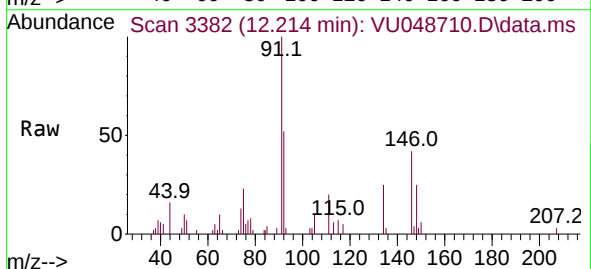
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

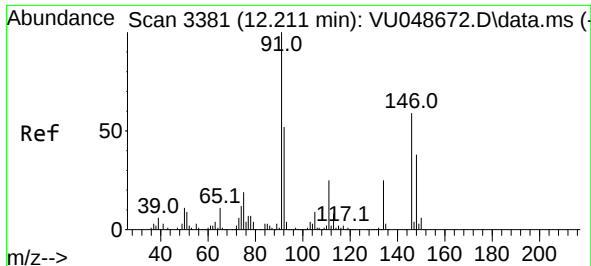
Tgt Ion:	146	Resp:	3517
Ion	Ratio	Lower	Upper
146	100		
111	37.2	20.2	60.6
148	64.5	32.4	97.0



#89
n-Butylbenzene
Concen: 2.765 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.006 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:	91	Resp:	7757
Ion	Ratio	Lower	Upper
91	100		
92	56.9	25.9	77.8
134	25.5	12.5	37.5





#91

1,2-Dichlorobenzene

Concen: 0.495 ug/l

RT: 12.218 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBL02

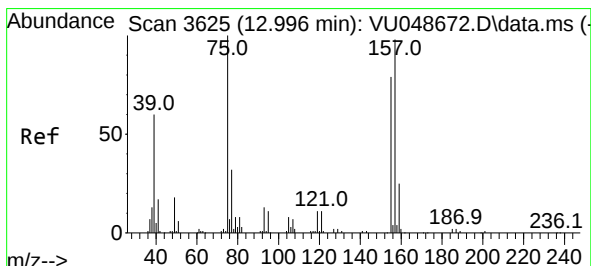
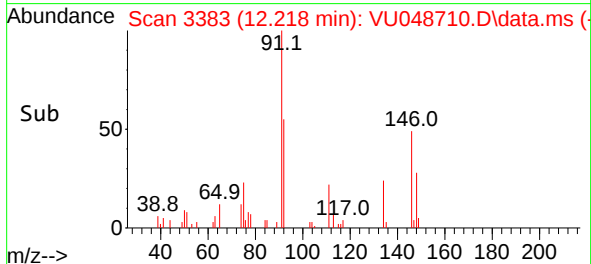
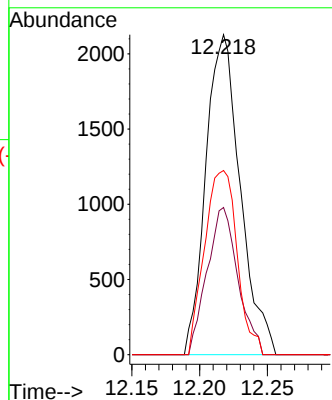
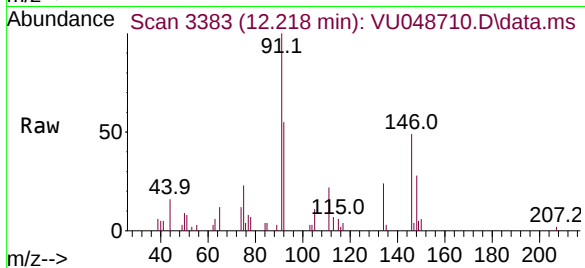
Tgt Ion:146 Resp: 3754

Ion Ratio Lower Upper

146 100

111 41.3 21.4 64.3

148 54.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.559 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048710.D

Acq: 27 May 2022 22:07

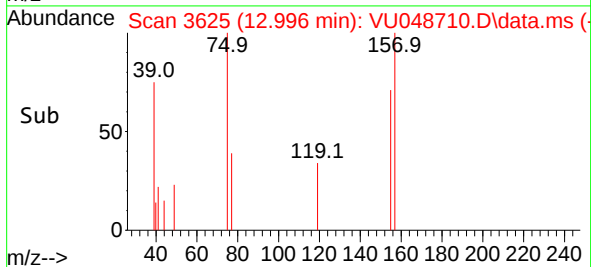
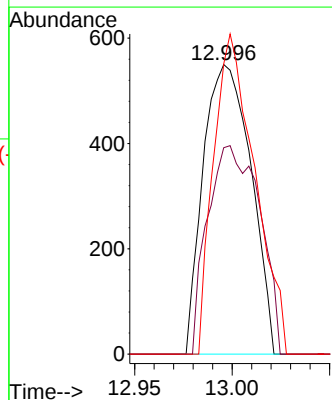
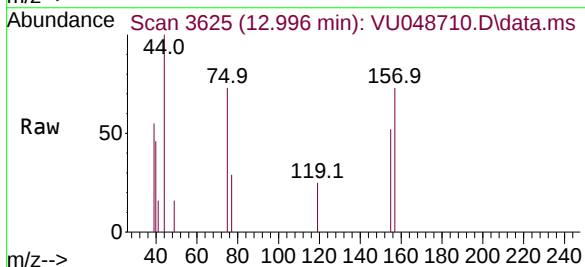
Tgt Ion: 75 Resp: 936

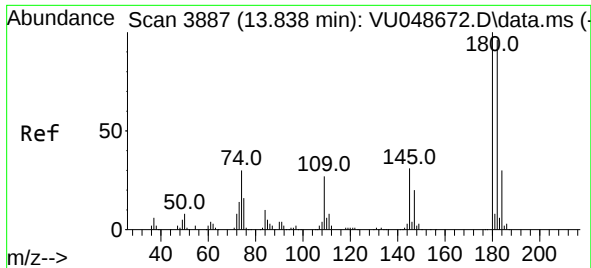
Ion Ratio Lower Upper

75 100

155 78.7 40.3 120.8

157 95.3 50.0 150.0

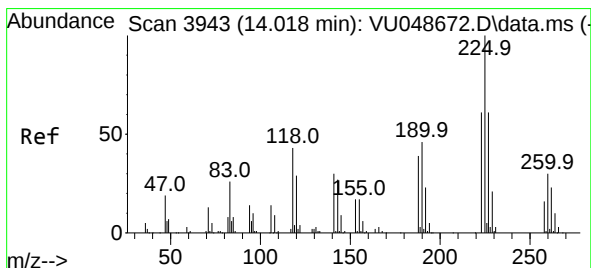
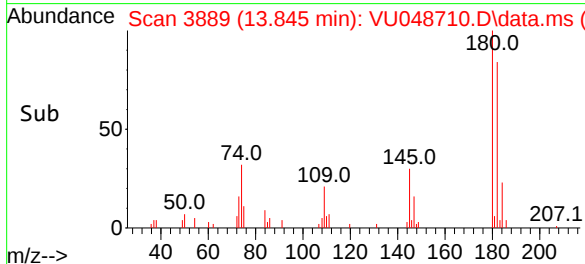
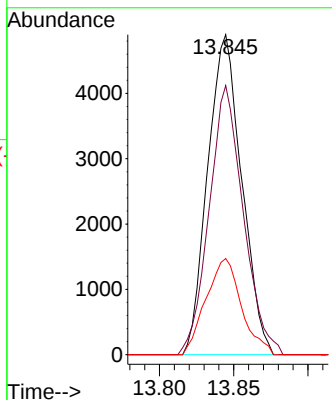
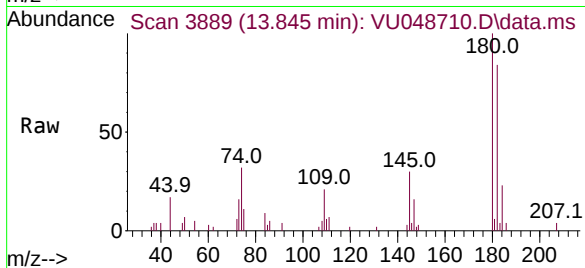




#93
1,2,4-Trichlorobenzene
Concen: 1.569 ug/l
RT: 13.845 min Scan# 3889
Delta R.T. 0.007 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

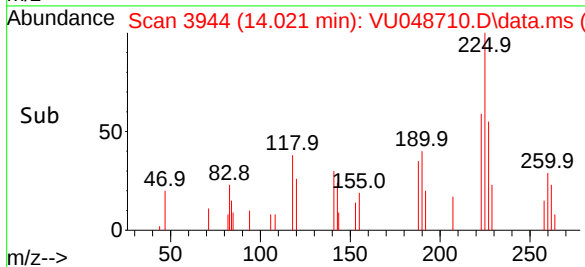
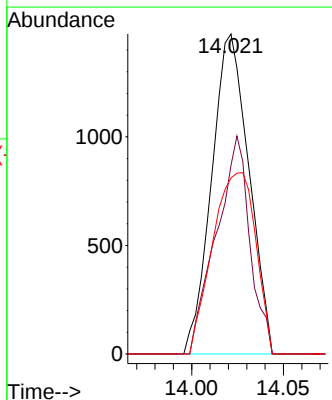
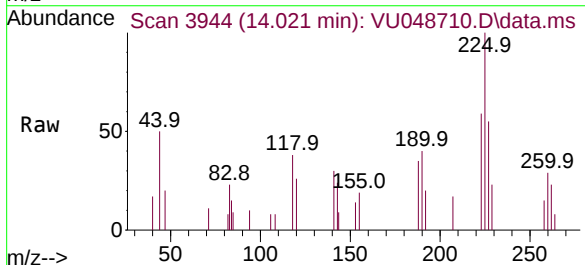
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

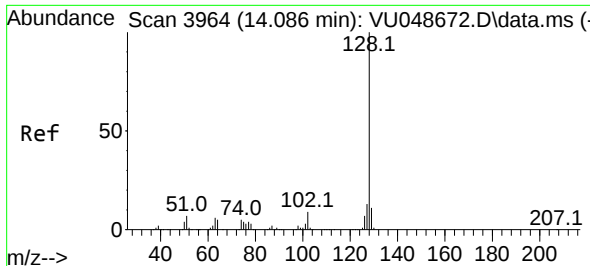
Tgt Ion:180 Resp: 7806
Ion Ratio Lower Upper
180 100
182 84.3 48.3 144.9
145 31.3 15.6 46.7



#94
Hexachlorobutadiene
Concen: 0.871 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:225 Resp: 2077
Ion Ratio Lower Upper
225 100
223 61.4 30.9 92.8
227 65.7 31.1 93.5

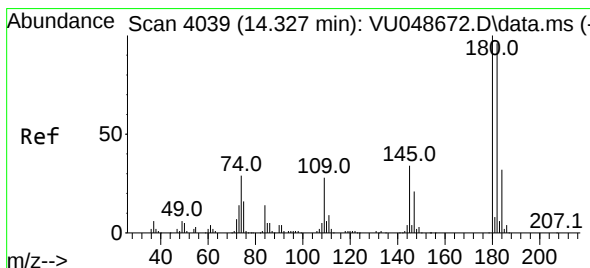
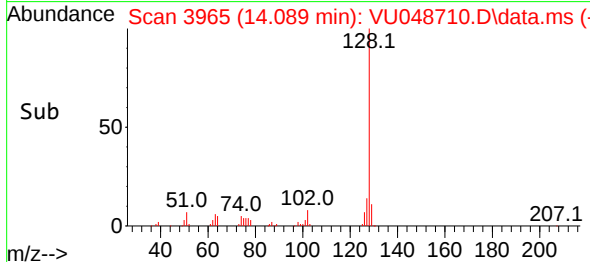
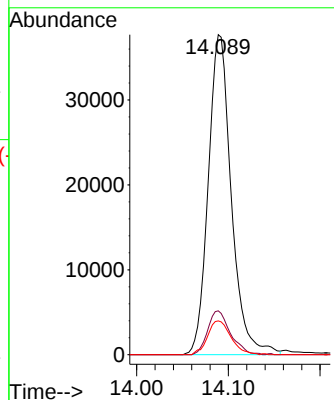
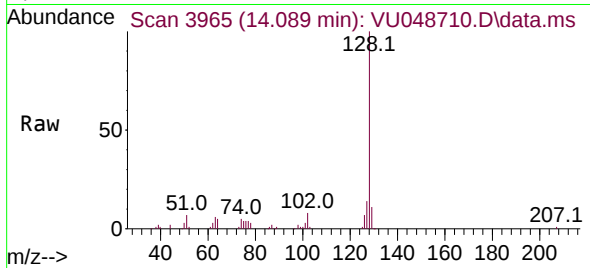




#95
Naphthalene
Concen: 6.136 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL02

Tgt Ion:128	Resp:	65947
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.2 15.4
129	10.7	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.691 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048710.D
Acq: 27 May 2022 22:07

Tgt Ion:180	Resp:	8332
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.4 142.2
145	31.4	16.6 49.8

