

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048758.D
 Acq On : 31 May 2022 23:26
 Operator : SY/MD
 Sample : VU0531WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS02

Quant Time: Jun 01 02:25:39 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	236348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	399714	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	375990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	202164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	186114	52.434	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.860%	
35) Dibromofluoromethane	5.288	113	143932	50.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.940%	
50) Toluene-d8	7.899	98	508126	49.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	10.632	95	194095	50.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	53123	19.634	ug/l	99
3) Chloromethane	1.520	50	64828	18.612	ug/l	98
4) Vinyl Chloride	1.600	62	66479	20.607	ug/l	98
5) Bromomethane	1.848	94	26062	11.084	ug/l	97
6) Chloroethane	1.928	64	41486	22.036	ug/l	99
7) Trichlorofluoromethane	2.134	101	92242	20.021	ug/l	100
8) Diethyl Ether	2.375	74	35896	21.113	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.578	101	50969	20.210	ug/l	96
10) Methyl Iodide	2.719	142	63490	18.934	ug/l	97
11) Tert butyl alcohol	3.179	59	96828	107.599	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	47818	19.878	ug/l	93
13) Acrolein	2.485	56	18730	59.571	ug/l	99
14) Allyl chloride	2.922	41	97226	20.868	ug/l	98
15) Acrylonitrile	3.311	53	227035	116.326	ug/l	98
16) Acetone	2.623	43	193675	107.067	ug/l	100
17) Carbon Disulfide	2.790	76	132994	18.939	ug/l	99
18) Methyl Acetate	2.948	43	112567	24.785	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	196358	21.513	ug/l	99
20) Methylene Chloride	3.044	84	66451	21.602	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	55850	20.297	ug/l	93
22) Diisopropyl ether	3.993	45	202039	23.508	ug/l	100
23) Vinyl Acetate	3.954	43	849007	114.018	ug/l	100
24) 1,1-Dichloroethane	3.870	63	116309	21.548	ug/l	99
25) 2-Butanone	4.700	43	312371	120.204	ug/l	98
26) 2,2-Dichloropropane	4.665	77	67970	14.036	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	66701	20.942	ug/l	96
28) Bromochloromethane	4.973	49	49671	23.461	ug/l	96
29) Tetrahydrofuran	5.051	42	199473	121.862	ug/l	97
30) Chloroform	5.089	83	118906	22.016	ug/l	95
31) Cyclohexane	5.388	56	95328	21.311	ug/l	98
32) 1,1,1-Trichloroethane	5.314	97	102495	20.918	ug/l	98
36) 1,1-Dichloropropene	5.526	75	81420	19.563	ug/l	97
37) Ethyl Acetate	4.803	43	110418	20.986	ug/l	99
38) Carbon Tetrachloride	5.526	117	87352	18.294	ug/l	98
39) Methylcyclohexane	6.764	83	84405	19.342	ug/l	98
40) Benzene	5.774	78	248214	20.201	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	59162	22.251	ug/l	98
42) 1,2-Dichloroethane	5.796	62	95084	19.769	ug/l	100
43) Isopropyl Acetate	5.912	43	160654	21.038	ug/l	100
44) Trichloroethene	6.542	130	60761	19.194	ug/l	100
45) 1,2-Dichloropropane	6.793	63	69982	22.623	ug/l	97
46) Dibromomethane	6.919	93	47505	20.555	ug/l	99
47) Bromodichloromethane	7.105	83	95474	20.428	ug/l	100
48) Methyl methacrylate	6.960	41	76378	22.279	ug/l	97
49) 1,4-Dioxane	6.960	88	36659	478.356	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	576974	116.359	ug/l	99
52) Toluene	7.970	92	151757	20.648	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	97086	19.257	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	103794	19.868	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	65366	20.152	ug/l	98
56) Ethyl methacrylate	8.333	69	99684	21.045	ug/l	97
57) 1,3-Dichloropropane	8.578	76	111961	20.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	96064	102.780	ug/l	95
59) 2-Hexanone	8.684	43	453392	111.376	ug/l	99
60) Dibromochloromethane	8.812	129	72241	19.868	ug/l	98
61) 1,2-Dibromoethane	8.925	107	70033	19.605	ug/l	98
64) Tetrachloroethene	8.555	164	49537	18.270	ug/l	96
65) Chlorobenzene	9.449	112	166203	20.900	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	63666	21.092	ug/l	99
67) Ethyl Benzene	9.571	91	285209	21.265	ug/l	98
68) m/p-Xylenes	9.693	106	224823	42.859	ug/l	99
69) o-Xylene	10.102	106	107327	20.826	ug/l	100
70) Styrene	10.115	104	181028	21.355	ug/l	99
71) Bromoform	10.291	173	58240	20.868	ug/l #	99
73) Isopropylbenzene	10.484	105	279960	21.450	ug/l	100
74) N-amyl acetate	10.320	43	130644	21.263	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	119944	22.520	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	131657	20.198	ug/l	98
77) Bromobenzene	10.783	156	74393	21.224	ug/l	98
78) n-propylbenzene	10.906	91	340073	21.867	ug/l	98
79) 2-Chlorotoluene	10.986	91	207298	21.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	243515	21.455	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	30763	17.136	ug/l	97
82) 4-Chlorotoluene	11.095	91	241997	21.687	ug/l	99
83) tert-Butylbenzene	11.420	119	236999	21.756	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	240148	20.353	ug/l	97
85) sec-Butylbenzene	11.645	105	294148	21.584	ug/l	98
86) p-Isopropyltoluene	11.793	119	247902	21.182	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	141493	20.589	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	142307	20.043	ug/l	98
89) n-Butylbenzene	12.211	91	214716	19.714	ug/l	100
90) Hexachloroethane	12.478	117	44979	18.832	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	139716	20.125	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	30744	20.048	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	88735	19.477	ug/l	97
94) Hexachlorobutadiene	14.021	225	36997	16.943	ug/l	98
95) Naphthalene	14.089	128	285643	19.574	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	89211	19.771	ug/l	99

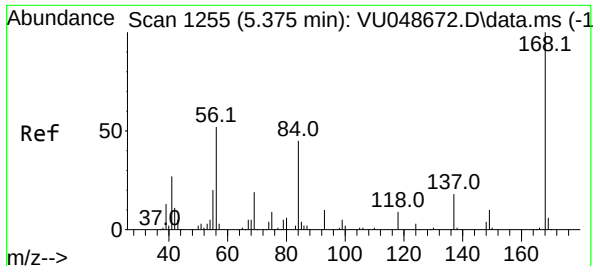
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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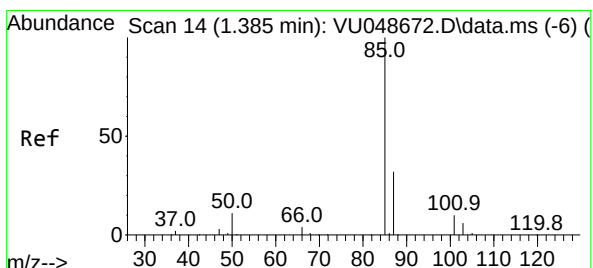
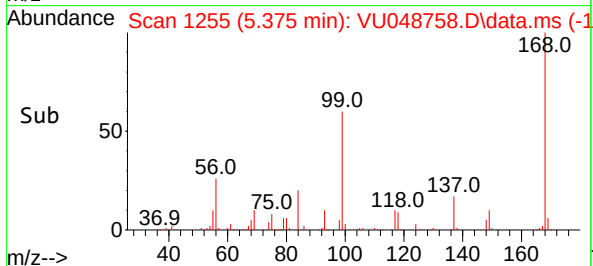
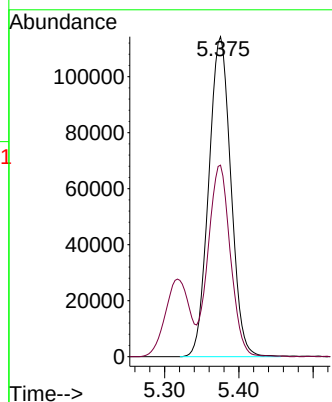
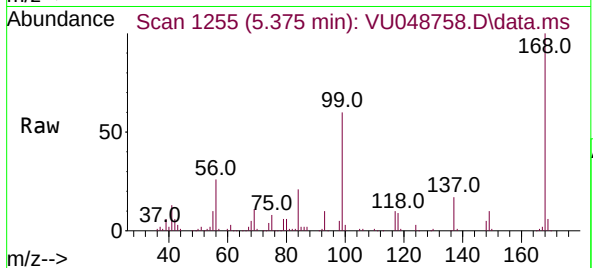
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048758.D
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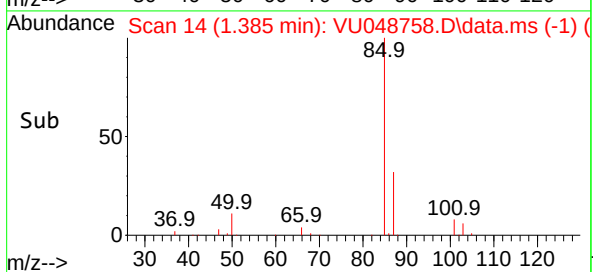
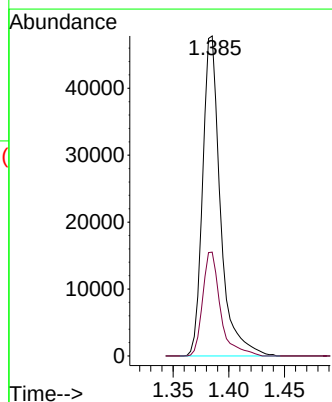
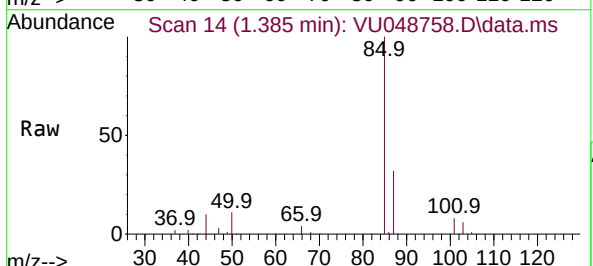
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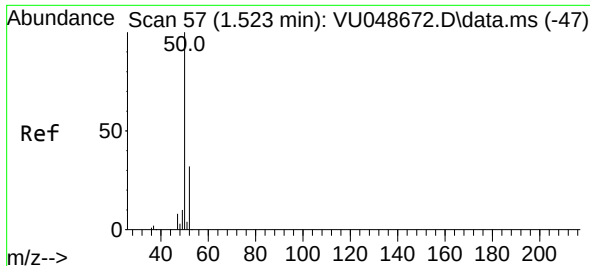
Tgt Ion:168 Resp: 236348
Ion Ratio Lower Upper
168 100
99 59.7 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 19.634 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 85 Resp: 53123
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

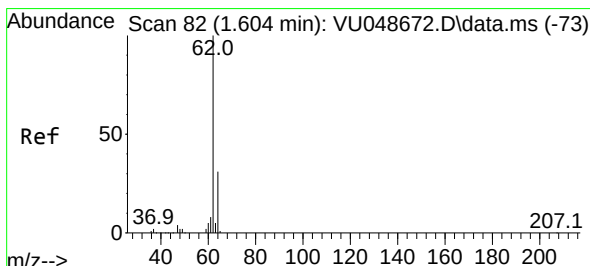
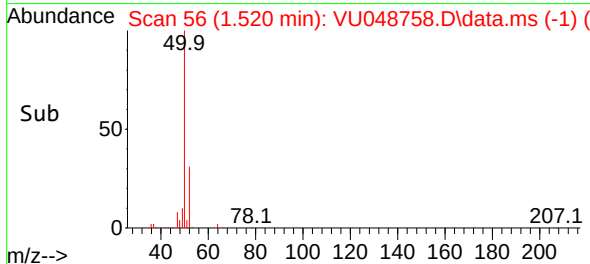
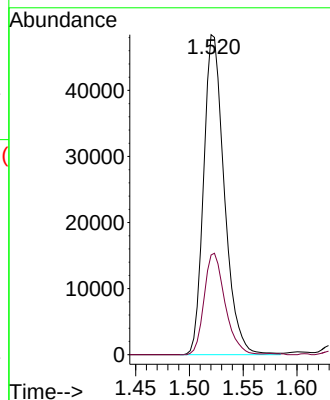
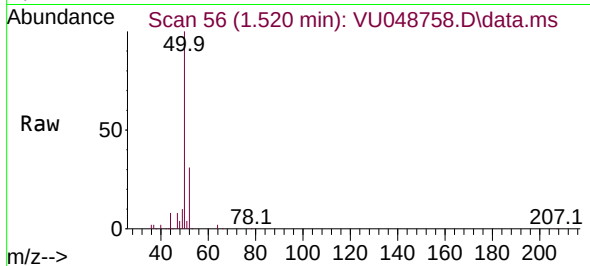




#3
Chloromethane
Concen: 18.612 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

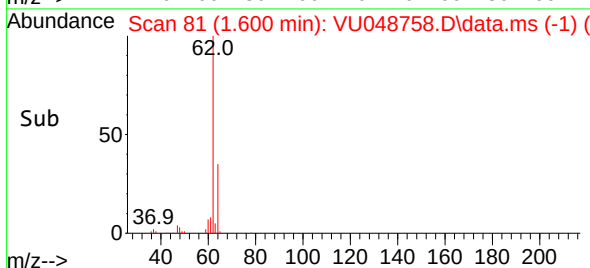
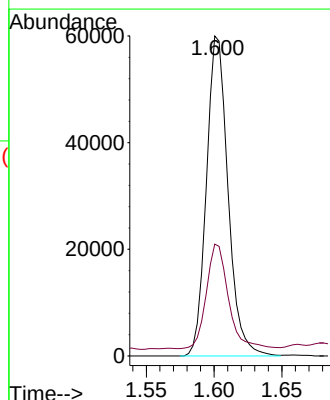
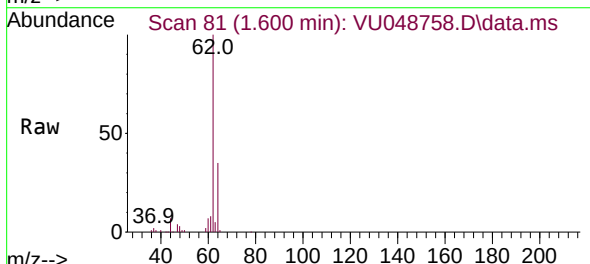
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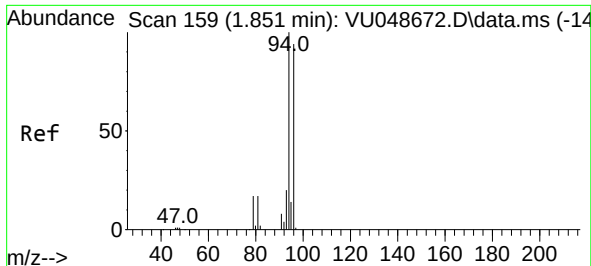
Tgt Ion: 50 Resp: 64828
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5



#4
Vinyl Chloride
Concen: 20.607 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 62 Resp: 66479
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8

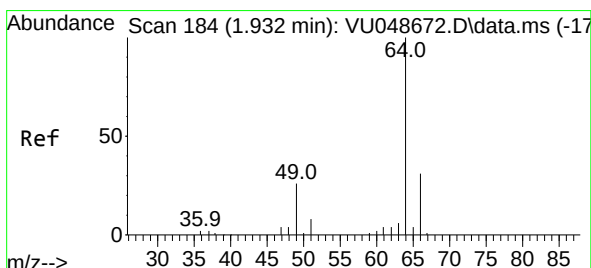
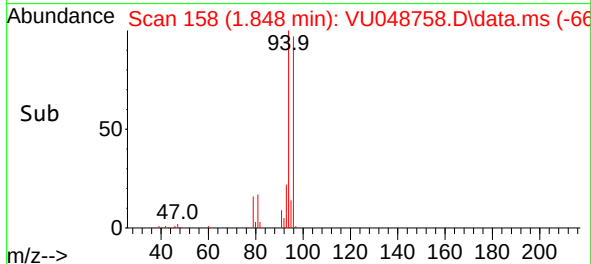
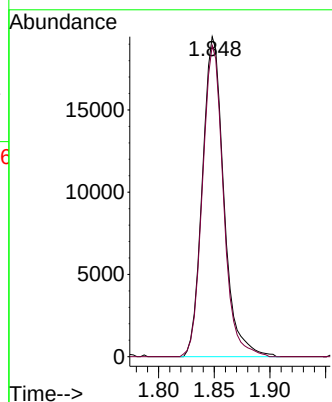
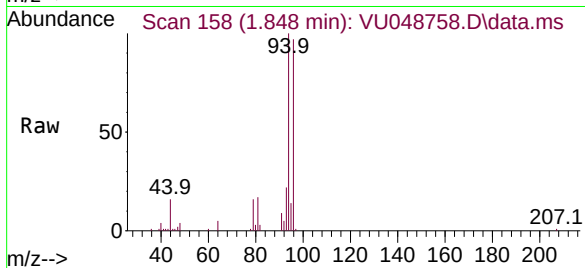




#5
Bromomethane
Concen: 11.084 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

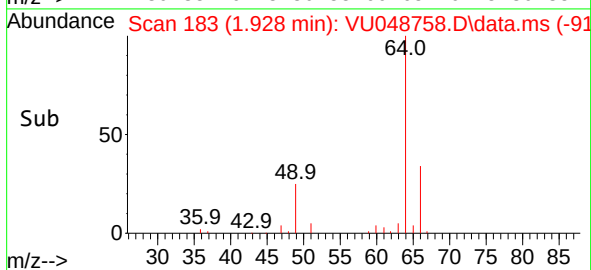
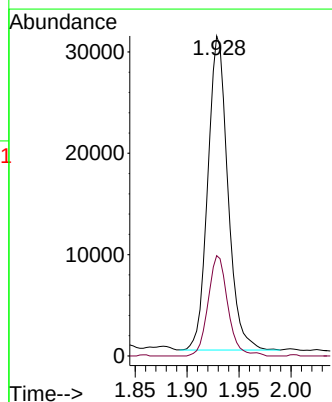
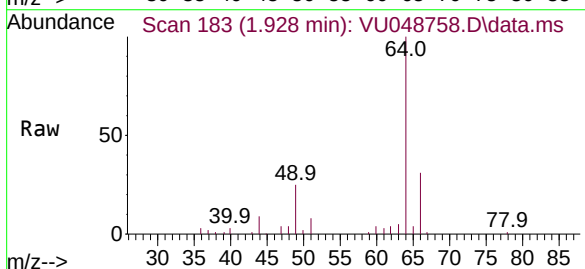
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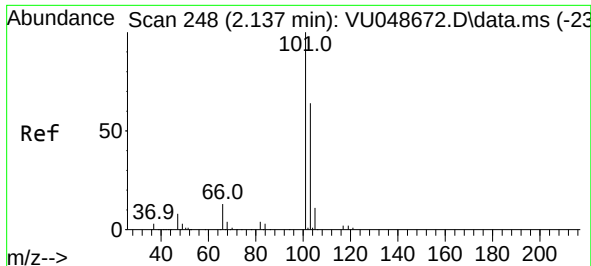
Tgt Ion: 94 Resp: 26062
Ion Ratio Lower Upper
94 100
96 97.2 75.1 112.7



#6
Chloroethane
Concen: 22.036 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.004 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 64 Resp: 41486
Ion Ratio Lower Upper
64 100
66 31.9 25.2 37.8

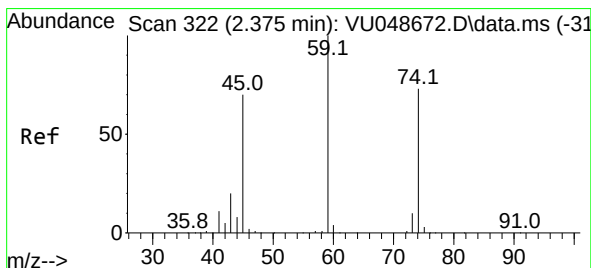
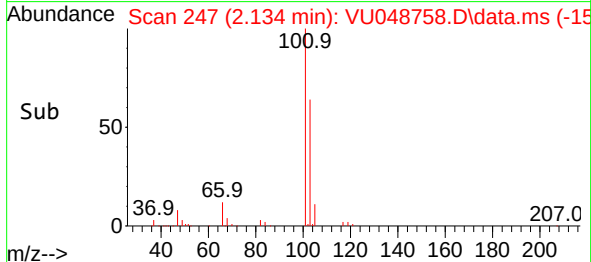
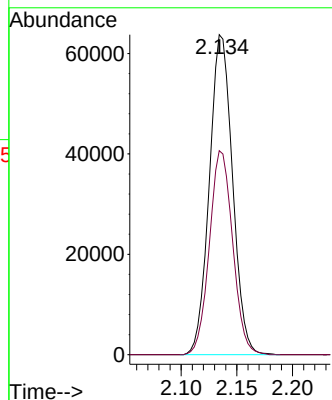
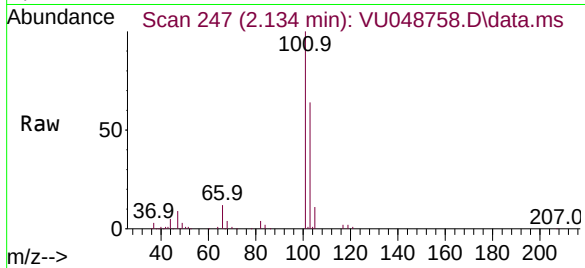




#7
 Trichlorofluoromethane
 Concen: 20.021 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU048758.D
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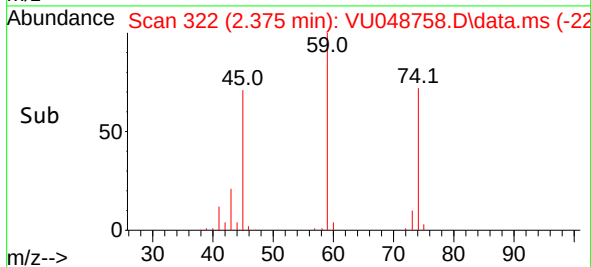
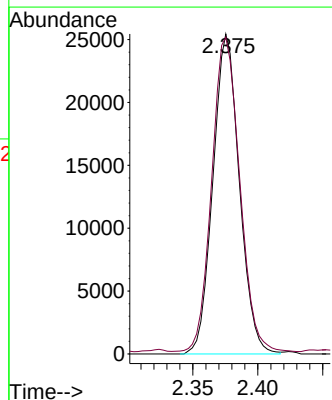
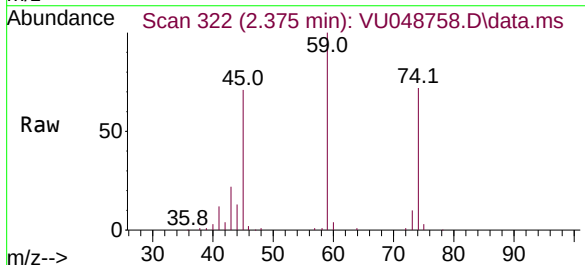
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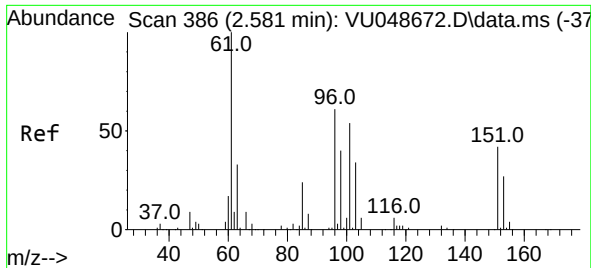
Tgt Ion:101 Resp: 92242
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.4



#8
 Diethyl Ether
 Concen: 21.113 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU048758.D
 Acq: 31 May 2022 23:26

Tgt Ion: 74 Resp: 35896
 Ion Ratio Lower Upper
 74 100
 45 103.8 47.7 143.1

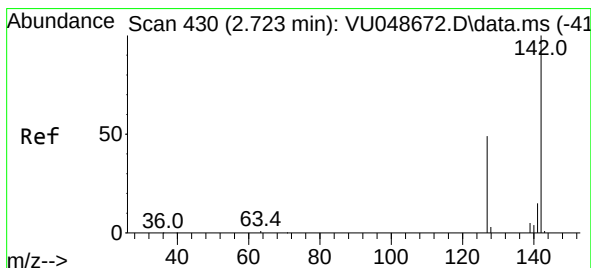
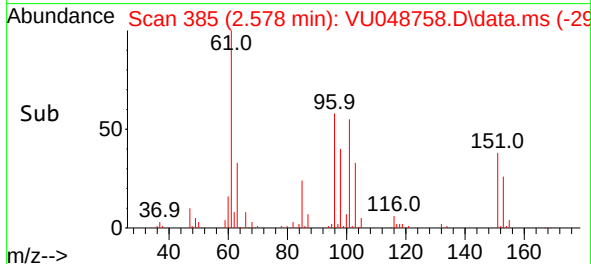
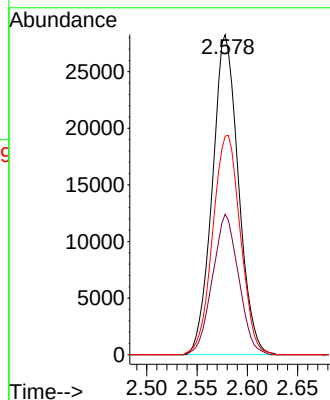
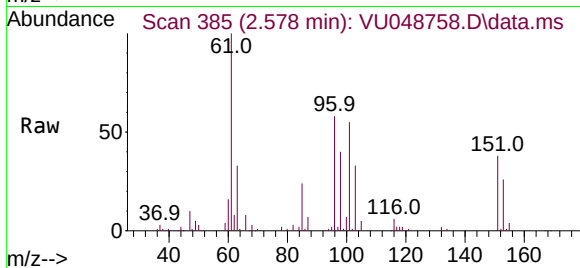




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.210 ug/l
RT: 2.578 min Scan# 31
Delta R.T. -0.003 min
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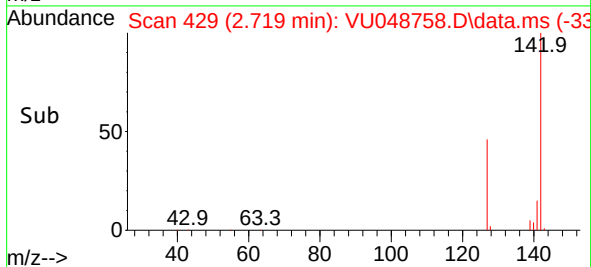
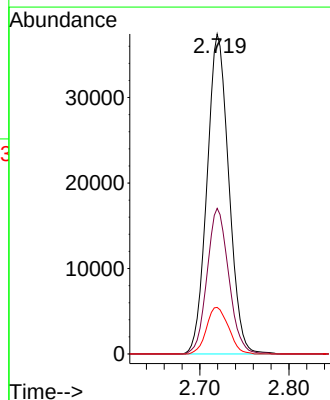
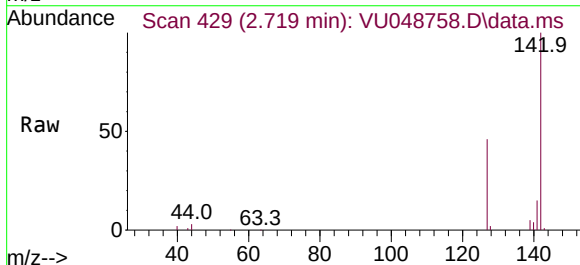
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ClientSampleId :
VU0531WBS02

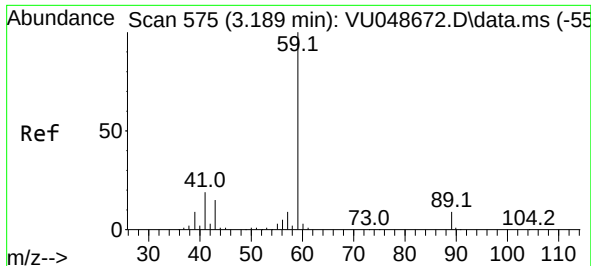
Tgt Ion:101 Resp: 50969
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 72.8 62.5 93.7



#10
Methyl Iodide
Concen: 18.934 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion:142 Resp: 63490
Ion Ratio Lower Upper
142 100
127 45.3 38.4 57.6
141 14.8 11.5 17.3

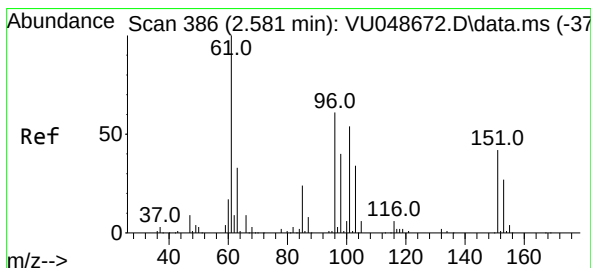
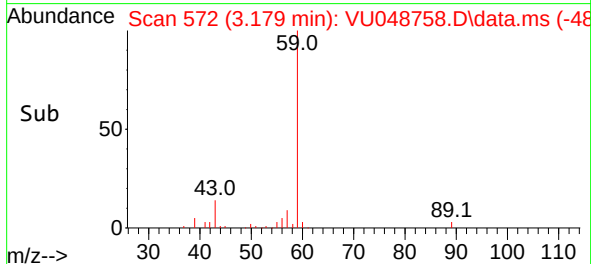
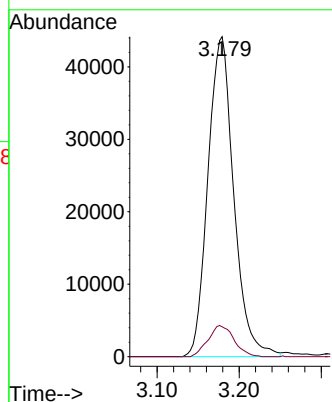
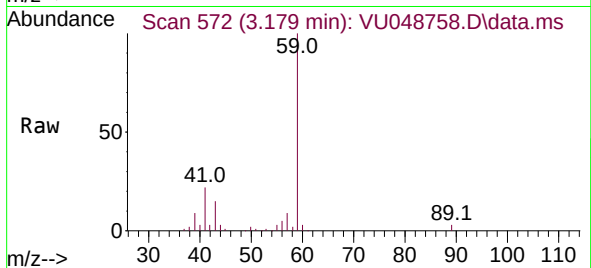




#11
Tert butyl alcohol
Concen: 107.599 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

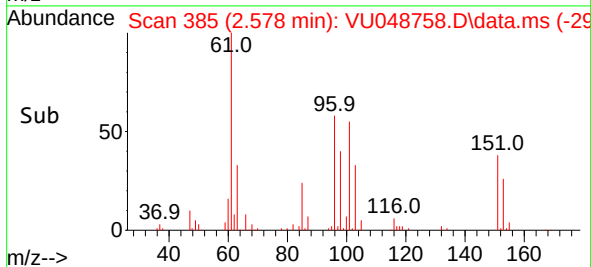
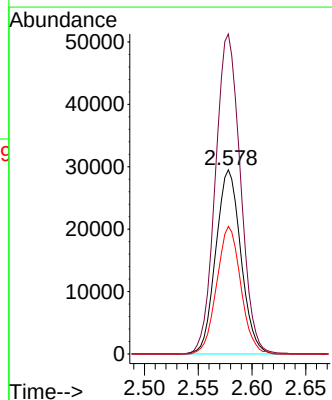
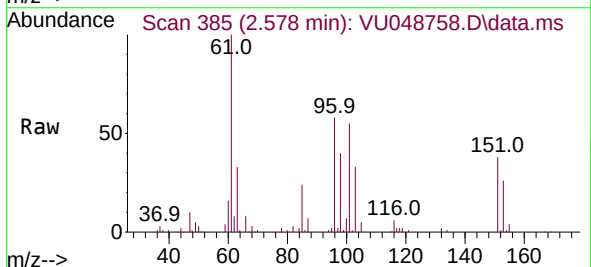
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

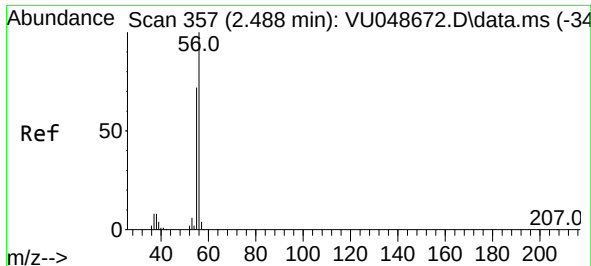
Tgt Ion: 59 Resp: 96828
Ion Ratio Lower Upper
59 100
57 9.8 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 19.878 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 96 Resp: 47818
Ion Ratio Lower Upper
96 100
61 173.8 131.1 196.7
98 69.3 51.8 77.8

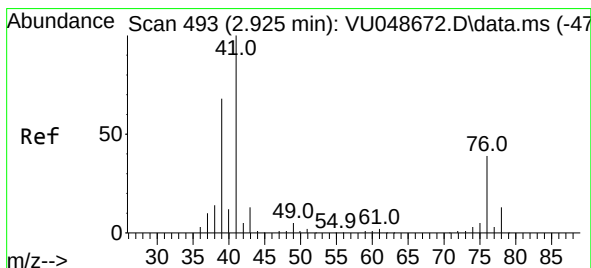
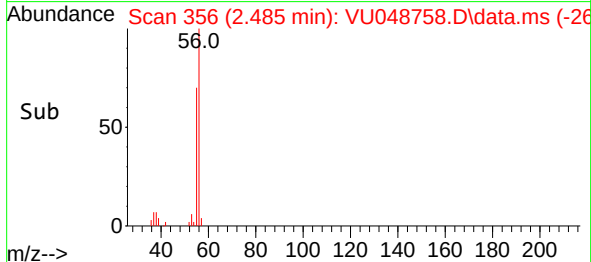
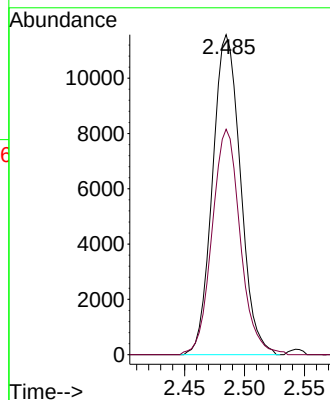
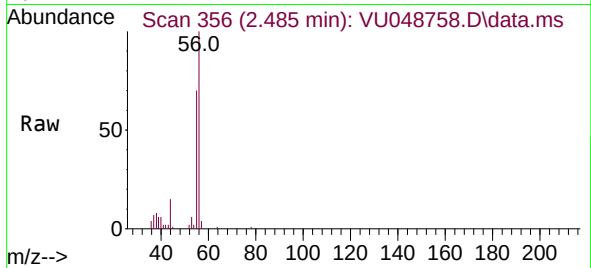




#13
Acrolein
Concen: 59.571 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

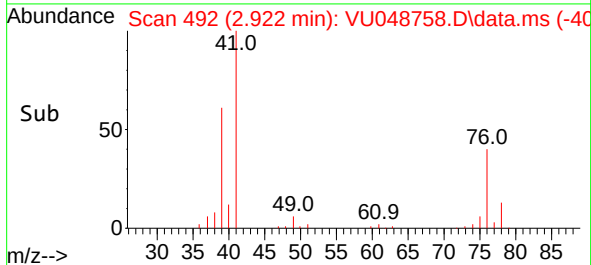
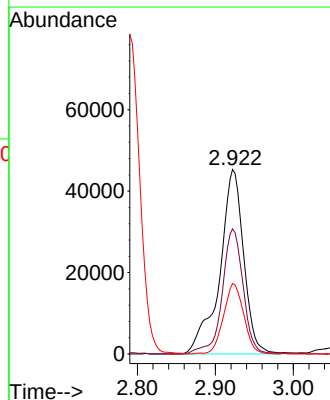
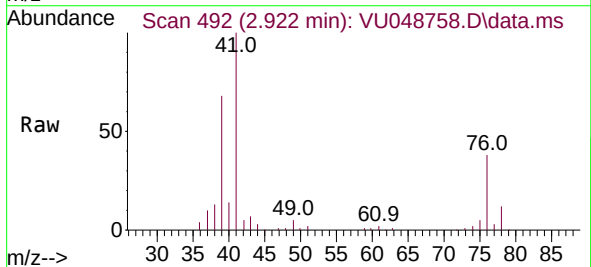
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

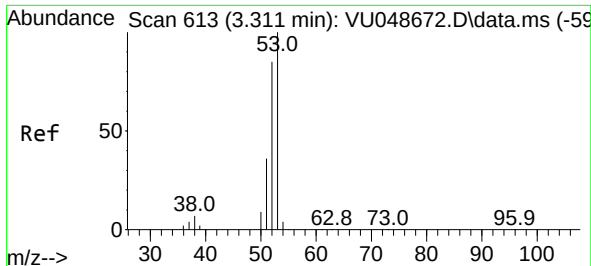
Tgt Ion: 56 Resp: 18730
Ion Ratio Lower Upper
56 100
55 71.1 57.7 86.5



#14
Allyl chloride
Concen: 20.868 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 41 Resp: 97226
Ion Ratio Lower Upper
41 100
39 58.9 48.6 72.8
76 32.2 27.0 40.4

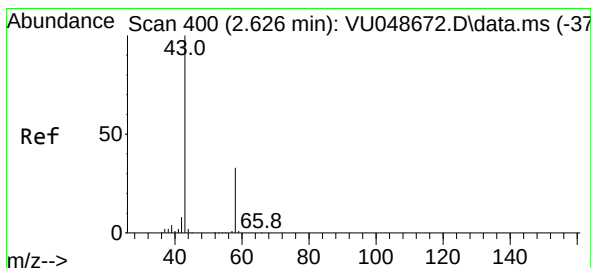
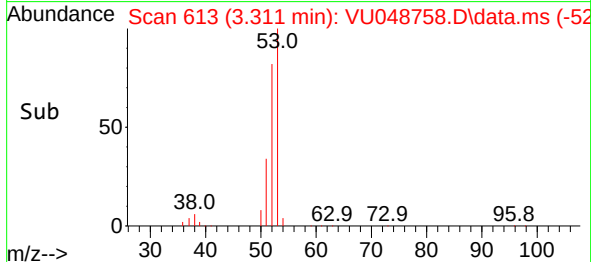
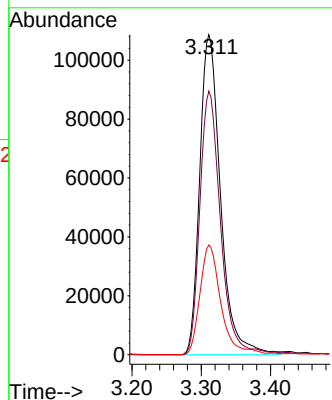
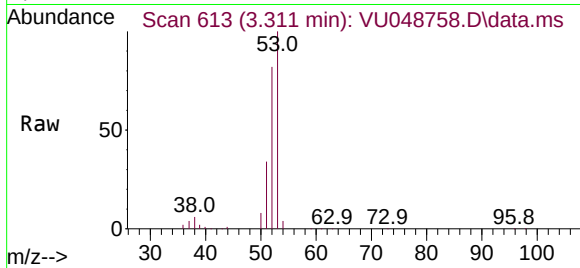




#15
Acrylonitrile
Concen: 116.326 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

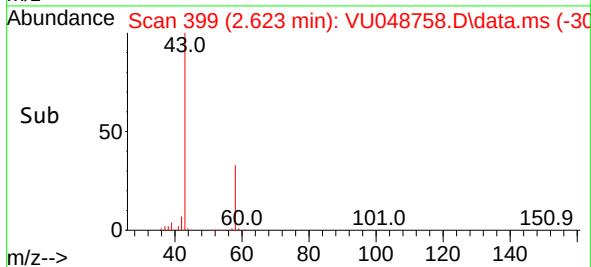
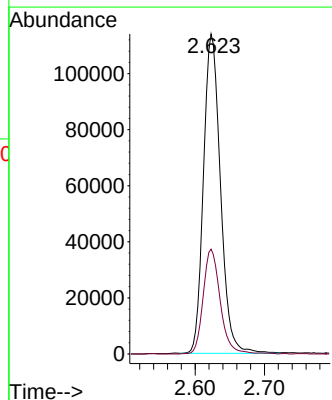
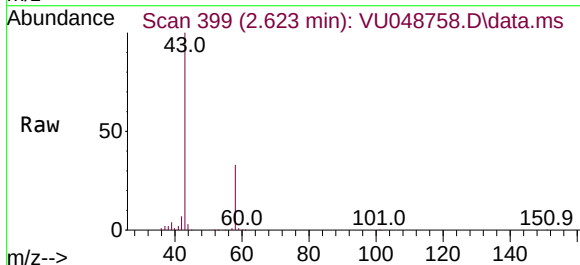
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

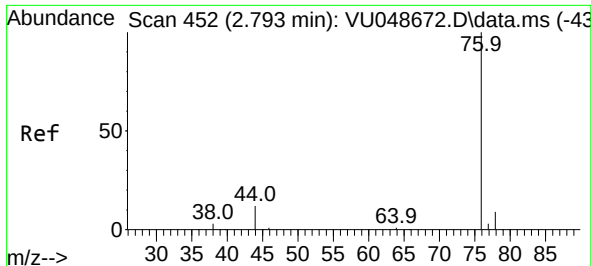
Tgt Ion: 53 Resp: 227035
Ion Ratio Lower Upper
53 100
52 81.2 66.3 99.5
51 34.4 28.6 42.8



#16
Acetone
Concen: 107.067 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 43 Resp: 193675
Ion Ratio Lower Upper
43 100
58 32.8 26.3 39.5





#17

Carbon Disulfide

Concen: 18.939 ug/l

RT: 2.790 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

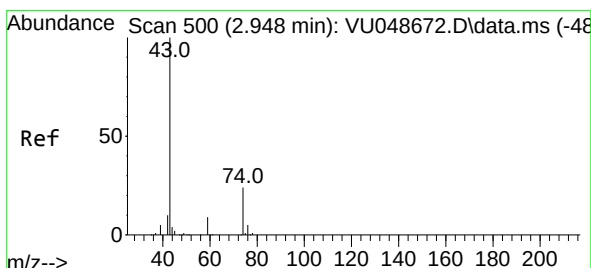
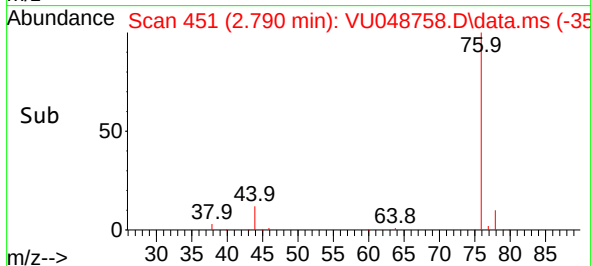
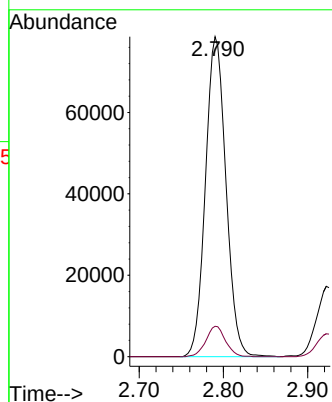
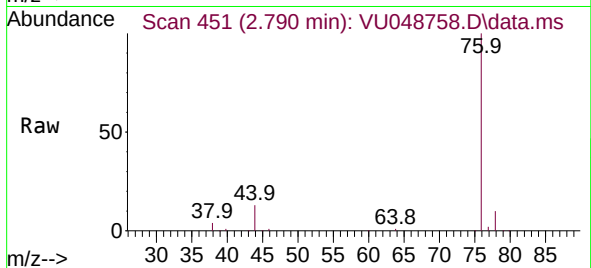
VU0531WBS02

Tgt Ion: 76 Resp: 132994

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



#18

Methyl Acetate

Concen: 24.785 ug/l

RT: 2.948 min Scan# 500

Delta R.T. -0.000 min

Lab File: VU048758.D

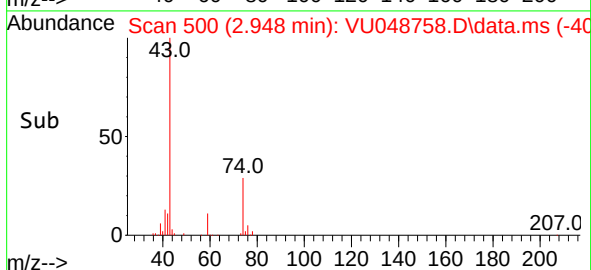
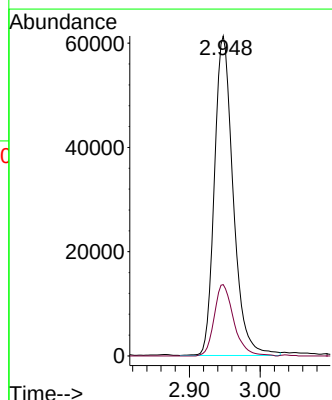
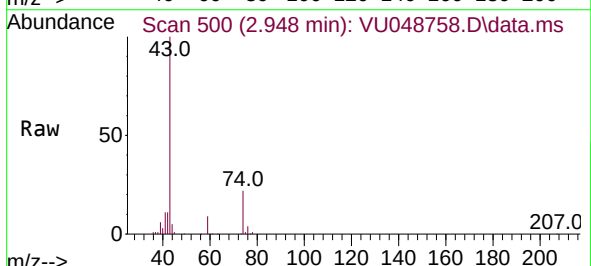
Acq: 31 May 2022 23:26

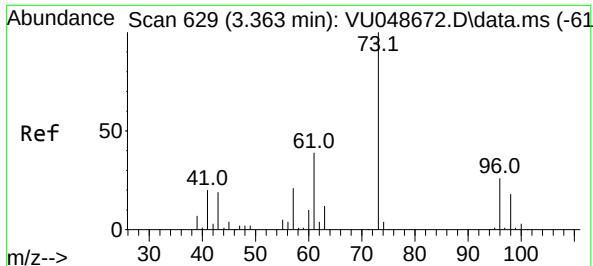
Tgt Ion: 43 Resp: 112567

Ion Ratio Lower Upper

43 100

74 23.3 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 21.513 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

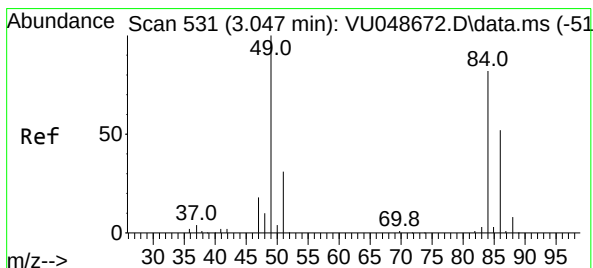
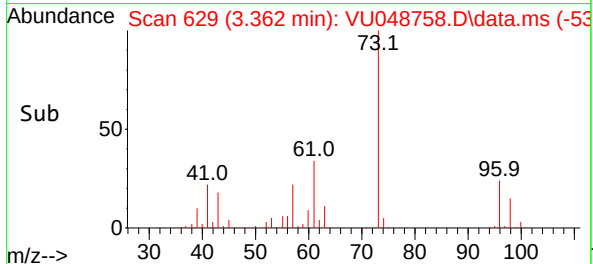
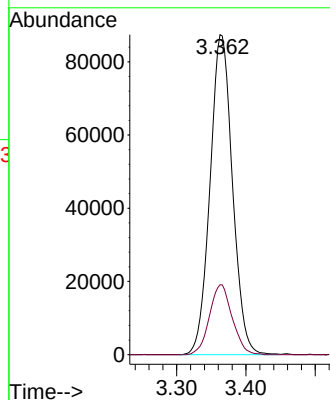
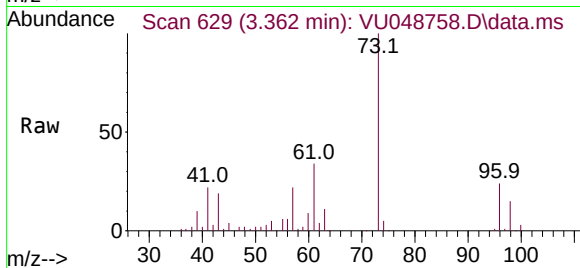
VU0531WBS02

Tgt Ion: 73 Resp: 196358

Ion Ratio Lower Upper

73 100

57 21.8 17.1 25.7



#20

Methylene Chloride

Concen: 21.602 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Tgt Ion: 84 Resp: 66451

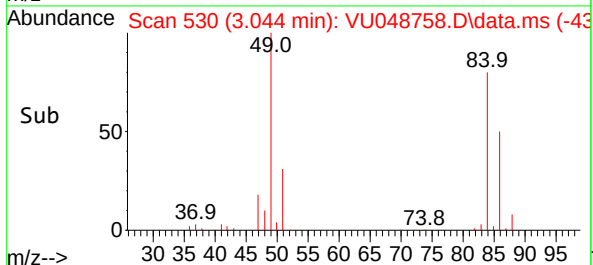
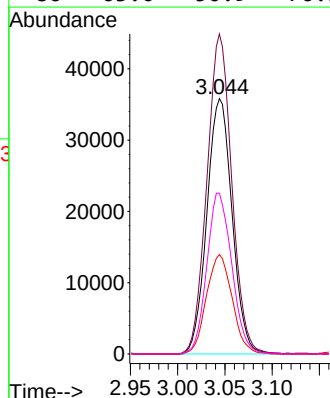
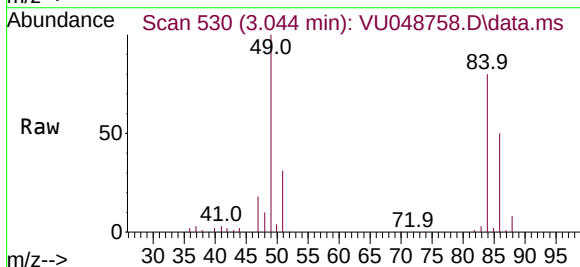
Ion Ratio Lower Upper

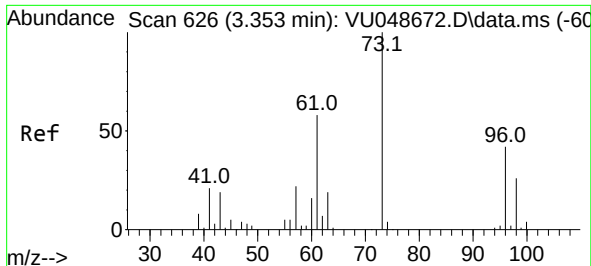
84 100

49 125.3 97.0 145.4

51 38.9 29.8 44.8

86 63.0 50.9 76.3

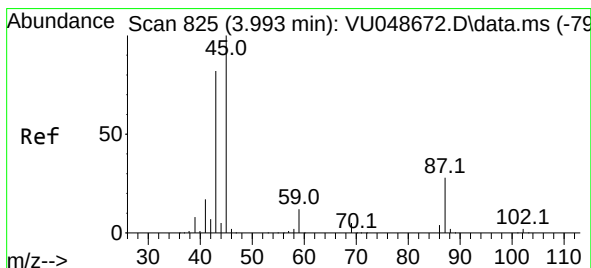
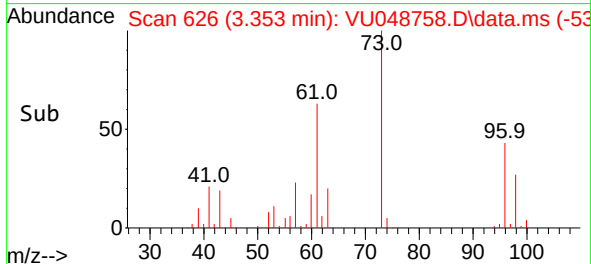
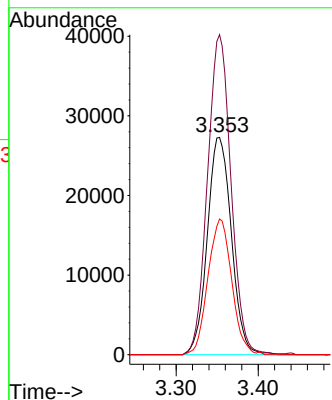
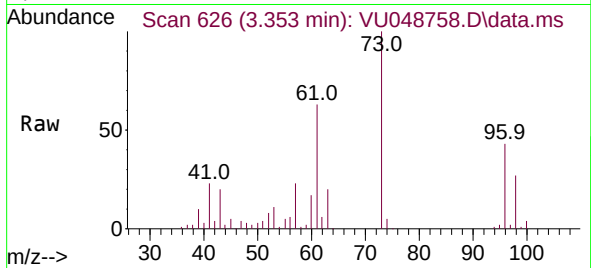




#21
trans-1,2-Dichloroethene
Concen: 20.297 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

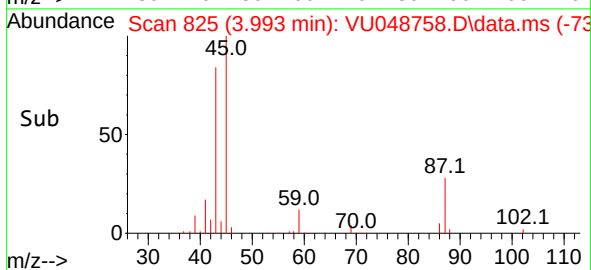
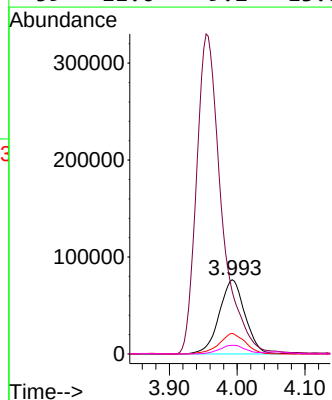
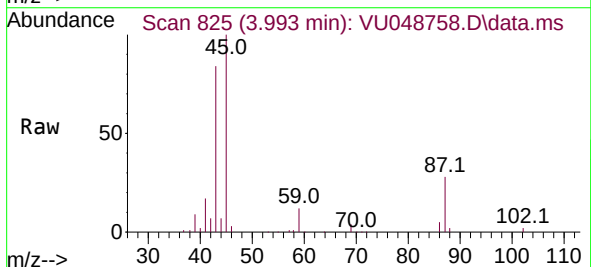
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

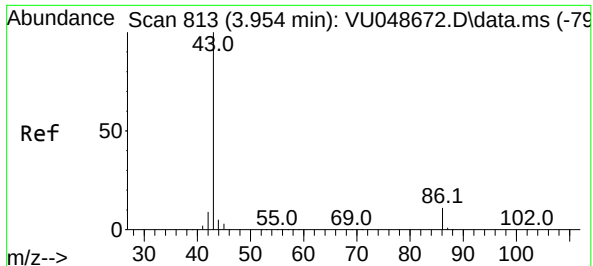
Tgt Ion: 96 Resp: 55850
Ion Ratio Lower Upper
96 100
61 147.2 109.4 164.2
98 62.4 48.9 73.3



#22
Diisopropyl ether
Concen: 23.508 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 45 Resp: 202039
Ion Ratio Lower Upper
45 100
43 81.6 65.2 97.8
87 27.7 22.7 34.1
59 11.6 9.2 13.8

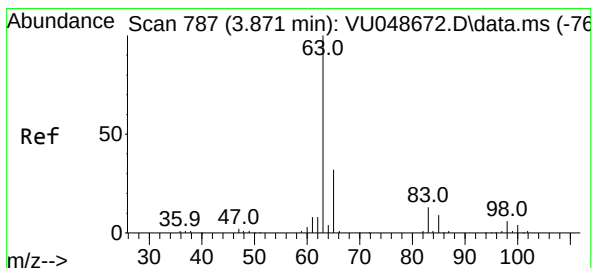
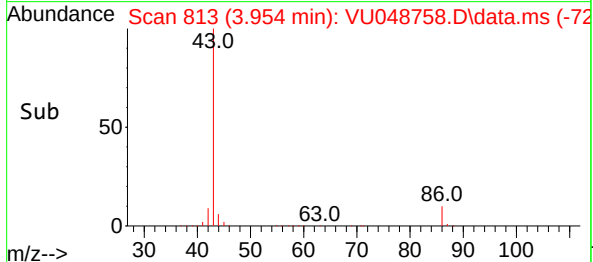
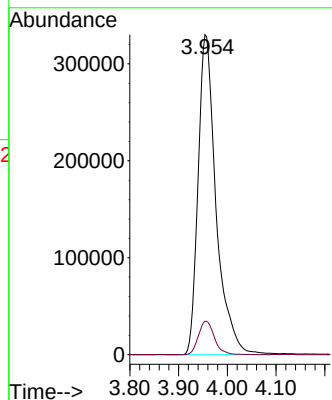
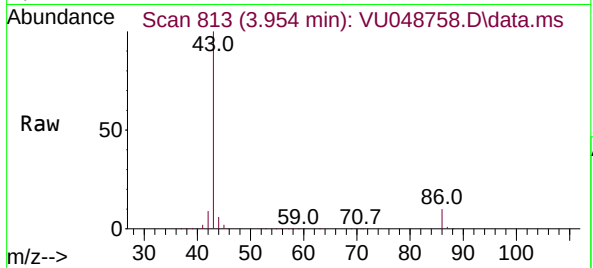




#23
 Vinyl Acetate
 Concen: 114.018 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048758.D
 Acq: 31 May 2022 23:26

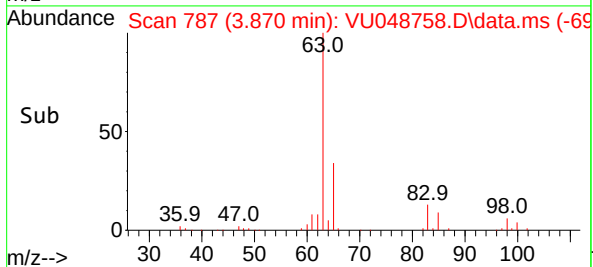
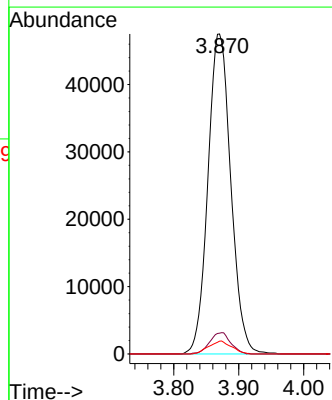
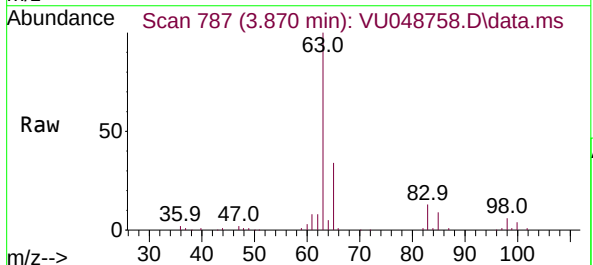
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS02

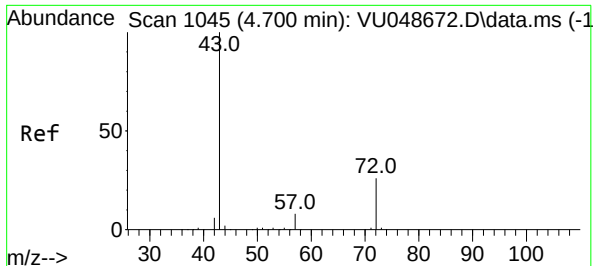
Tgt Ion: 43 Resp: 849007
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 21.548 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU048758.D
 Acq: 31 May 2022 23:26

Tgt Ion: 63 Resp: 116309
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 120.204 ug/l

RT: 4.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

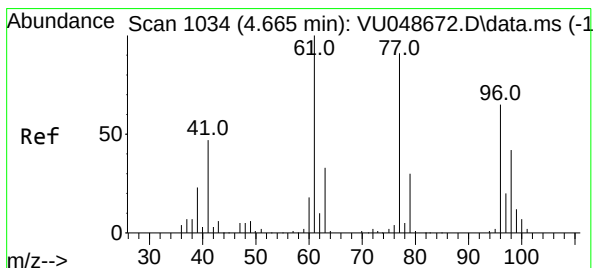
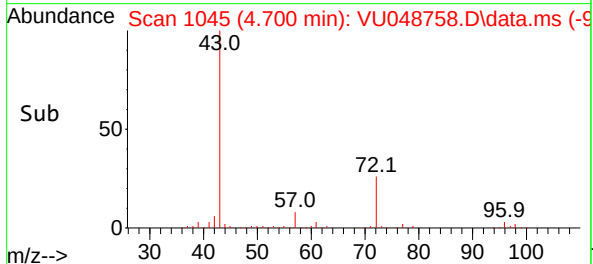
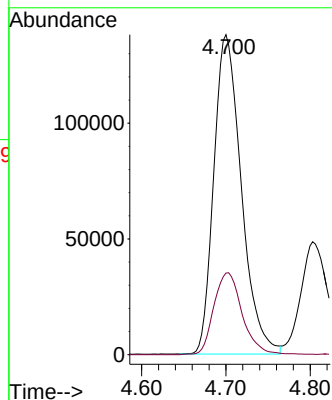
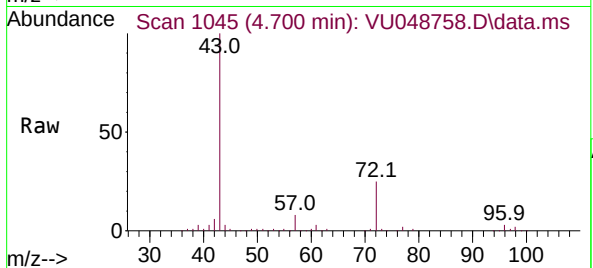
VU0531WBS02

Tgt Ion: 43 Resp: 312371

Ion Ratio Lower Upper

43 100

72 25.5 21.1 31.7



#26

2,2-Dichloropropane

Concen: 14.036 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048758.D

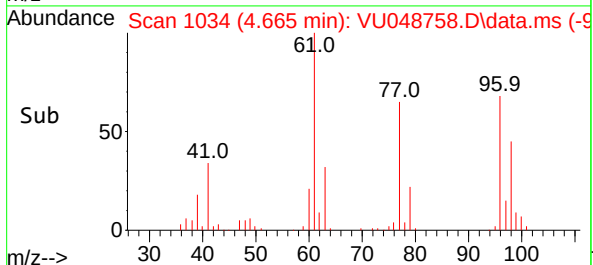
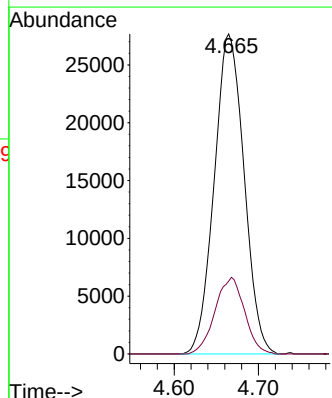
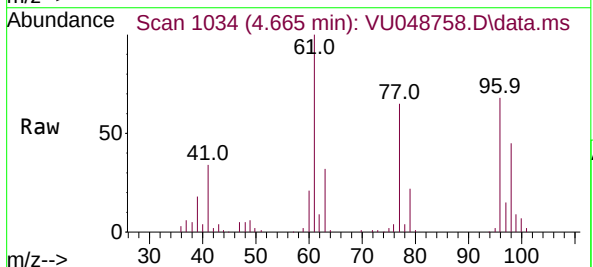
Acq: 31 May 2022 23:26

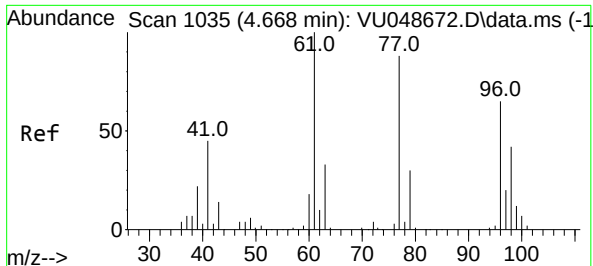
Tgt Ion: 77 Resp: 67970

Ion Ratio Lower Upper

77 100

97 23.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.942 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

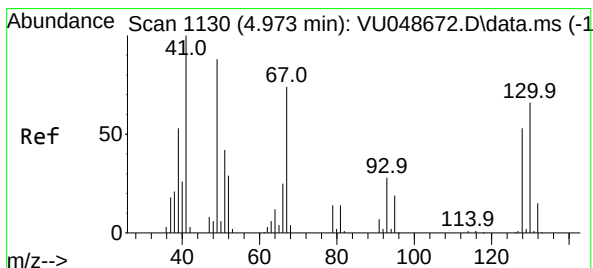
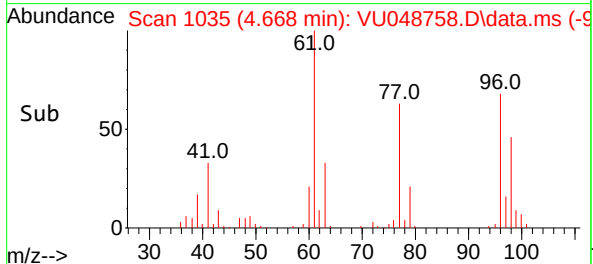
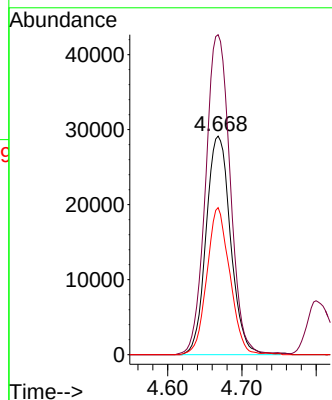
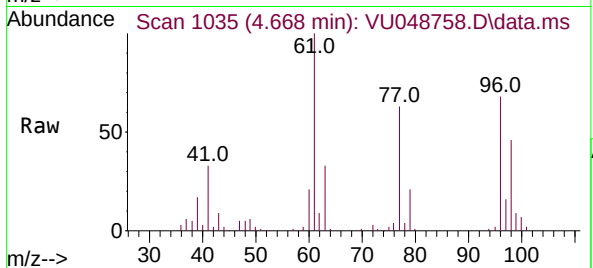
Tgt Ion: 96 Resp: 66701

Ion Ratio Lower Upper

96 100

61 146.7 0.0 306.2

98 63.0 0.0 130.4



#28

Bromochloromethane

Concen: 23.461 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

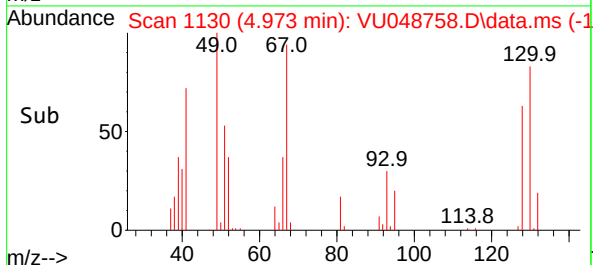
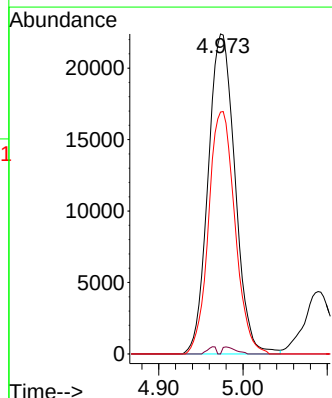
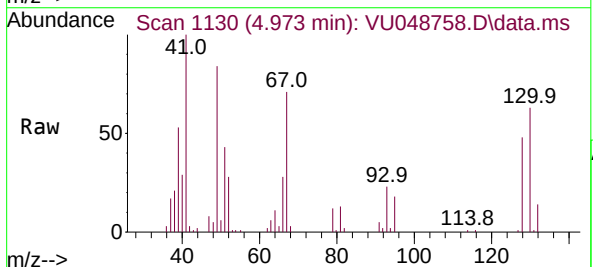
Tgt Ion: 49 Resp: 49671

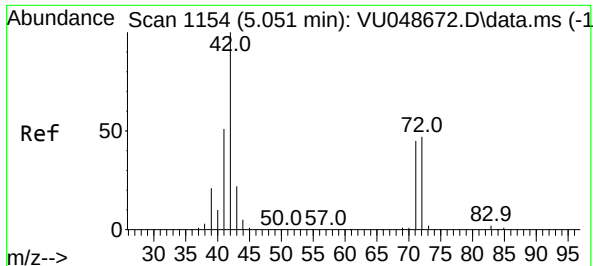
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 74.1 62.1 93.1





#29

Tetrahydrofuran

Concen: 121.862 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

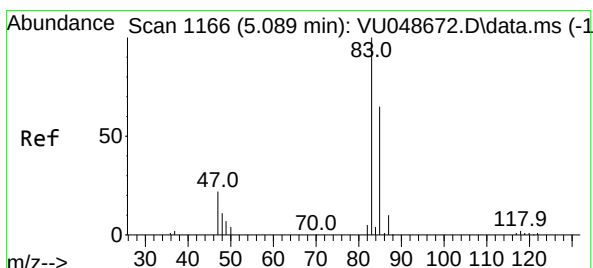
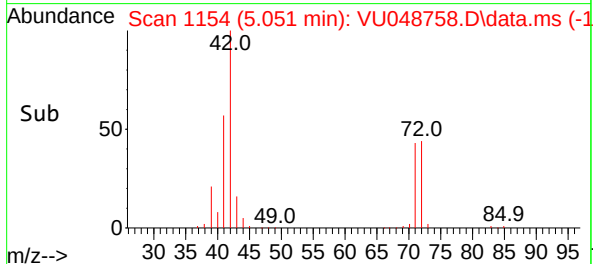
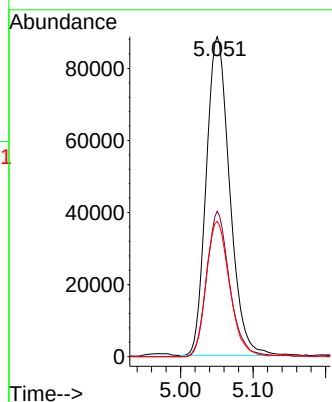
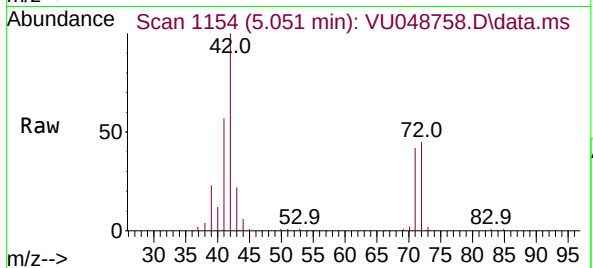
Tgt Ion: 42 Resp: 199473

Ion Ratio Lower Upper

42 100

72 44.5 37.6 56.4

71 42.1 35.0 52.4



#30

Chloroform

Concen: 22.016 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048758.D

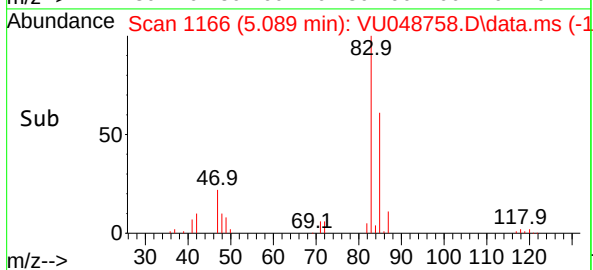
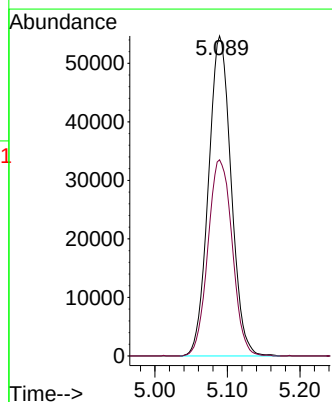
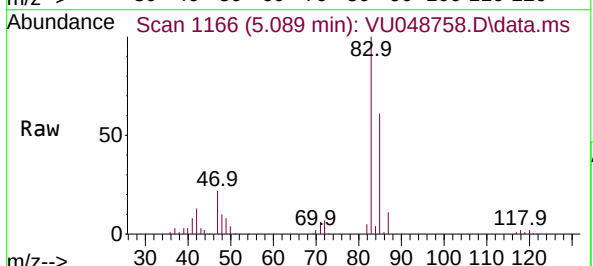
Acq: 31 May 2022 23:26

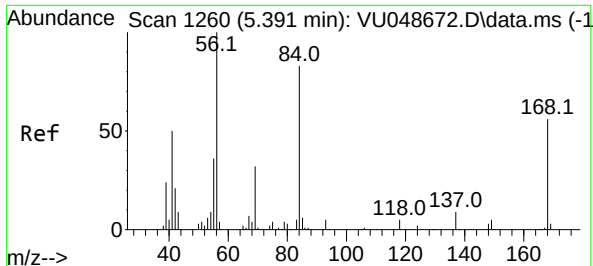
Tgt Ion: 83 Resp: 118906

Ion Ratio Lower Upper

83 100

85 61.3 52.2 78.2

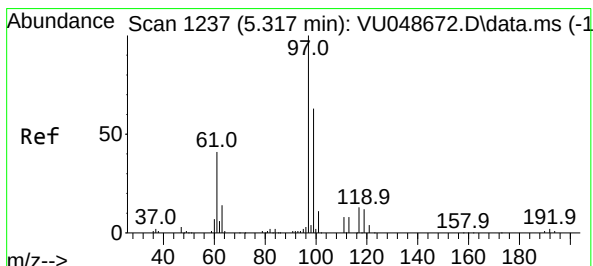
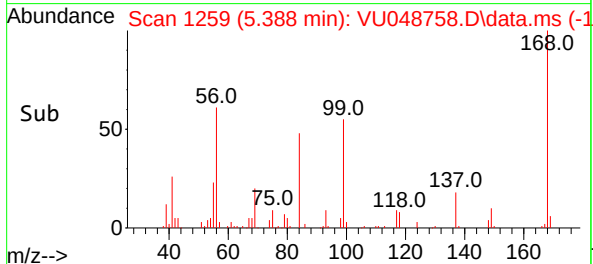
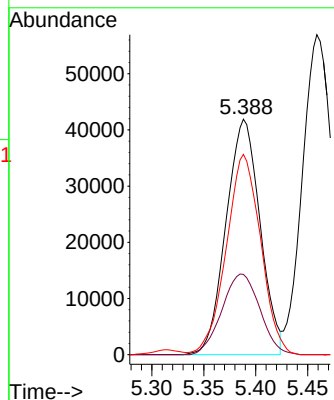
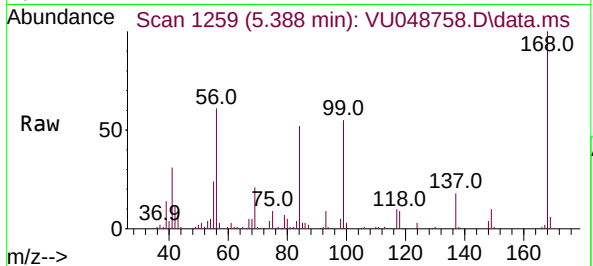




#31
Cyclohexane
Concen: 21.311 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

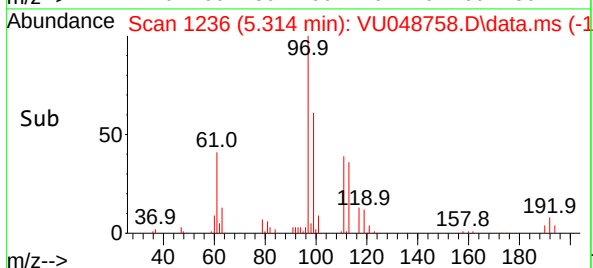
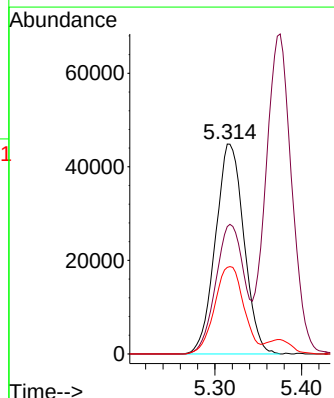
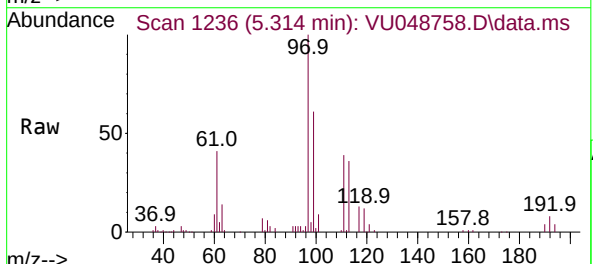
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

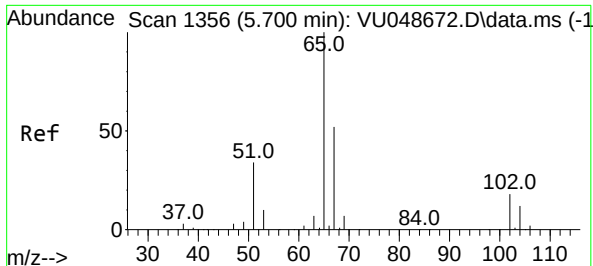
Tgt Ion: 56 Resp: 95328
Ion Ratio Lower Upper
56 100
69 34.1 25.6 38.4
84 83.7 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 20.918 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 97 Resp: 102495
Ion Ratio Lower Upper
97 100
99 61.9 51.6 77.4
61 42.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.434 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

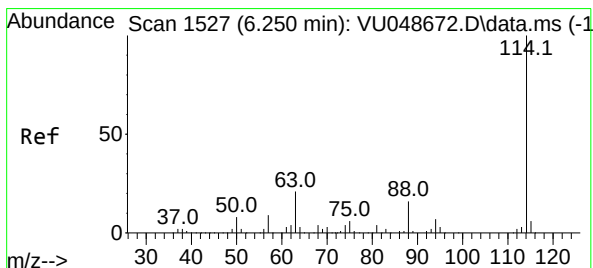
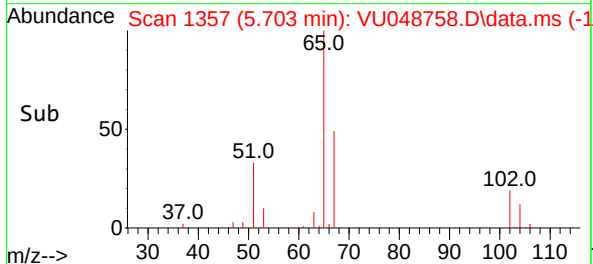
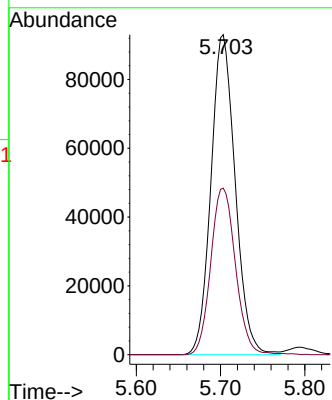
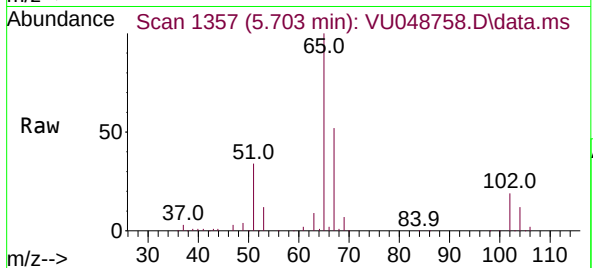
VU0531WBS02

Tgt Ion: 65 Resp: 186114

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

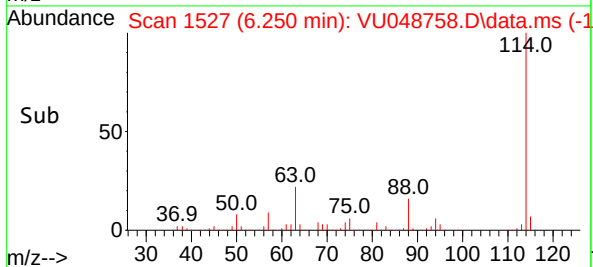
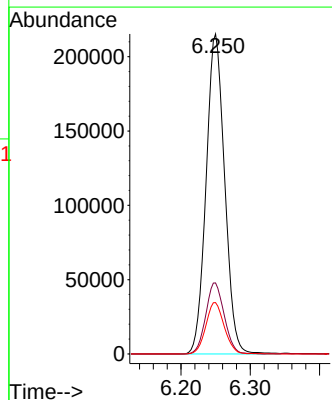
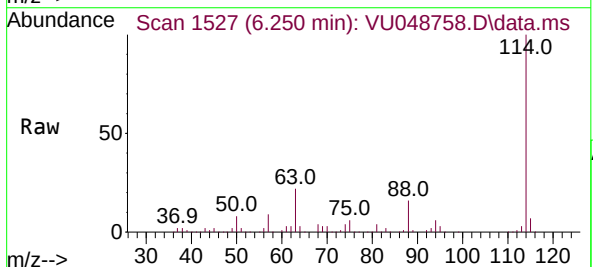
Tgt Ion: 114 Resp: 399714

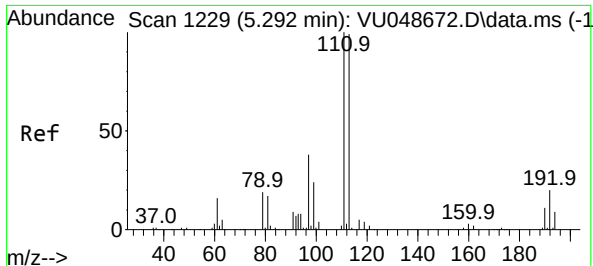
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.6

88 16.1 0.0 32.2

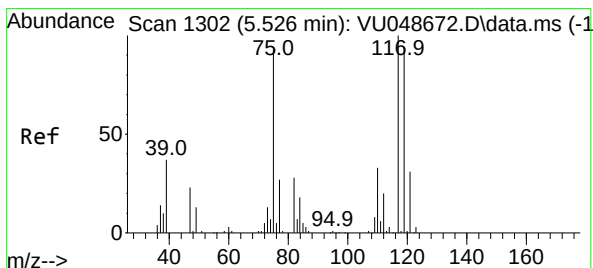
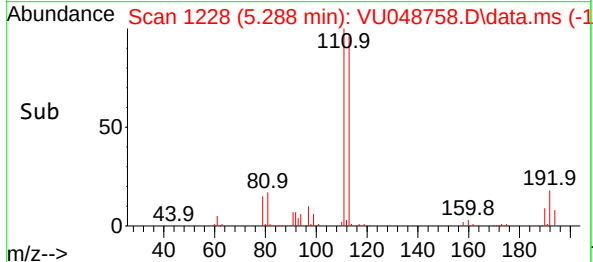
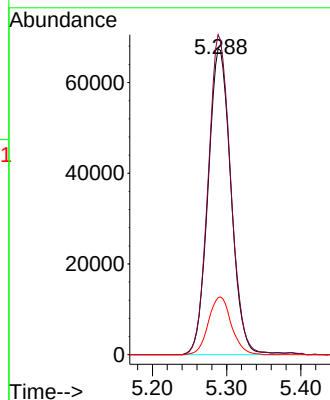
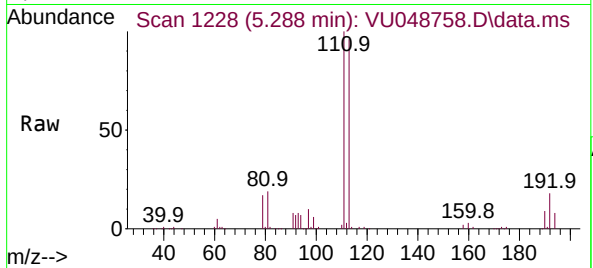




#35
Dibromofluoromethane
Concen: 50.473 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

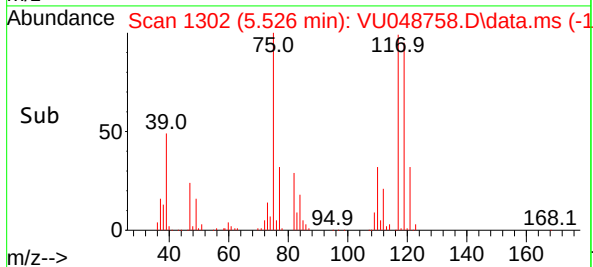
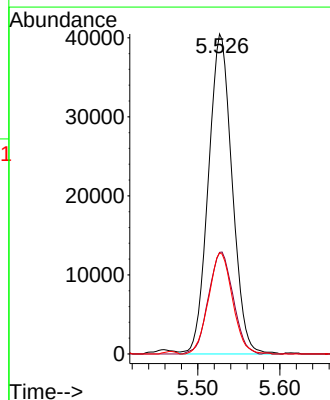
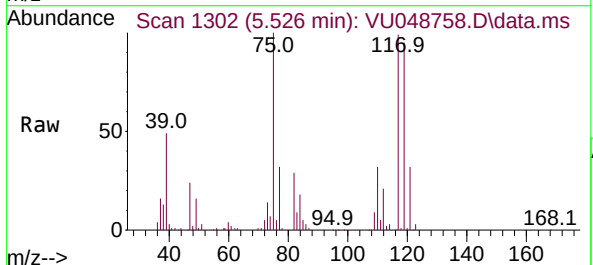
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

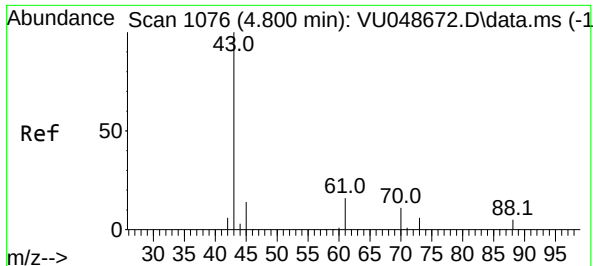
Tgt Ion:113 Resp: 143932
Ion Ratio Lower Upper
113 100
111 103.5 80.7 121.1
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.563 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 75 Resp: 81420
Ion Ratio Lower Upper
75 100
110 33.1 17.4 52.3
77 32.0 24.8 37.2





#37

Ethyl Acetate

Concen: 20.986 ug/l

RT: 4.803 min Scan# 110418

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

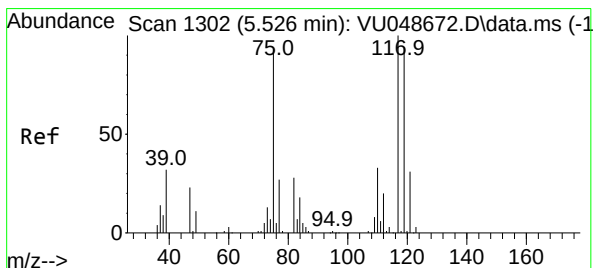
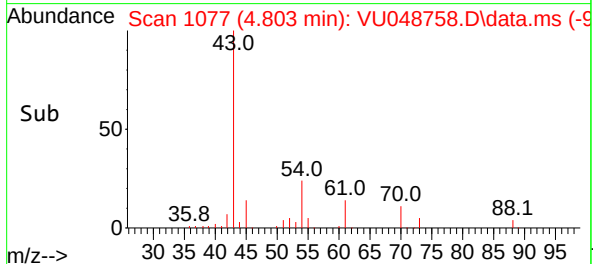
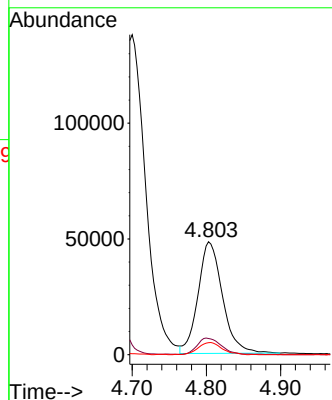
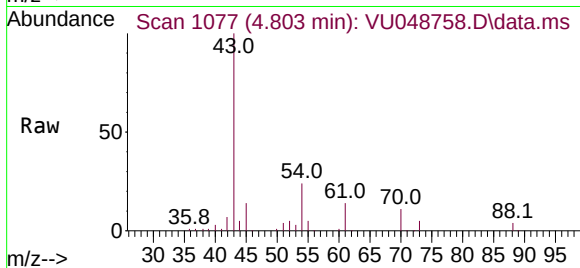
Tgt Ion: 43 Resp: 110418

Ion Ratio Lower Upper

43 100

61 14.3 11.7 17.5

70 10.7 8.4 12.6



#38

Carbon Tetrachloride

Concen: 18.294 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

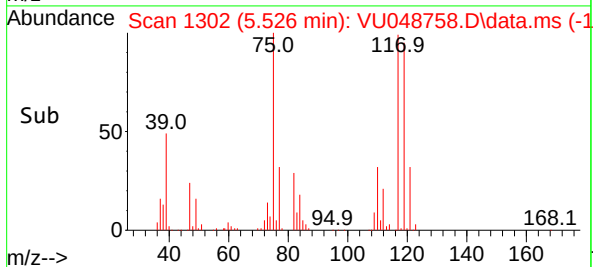
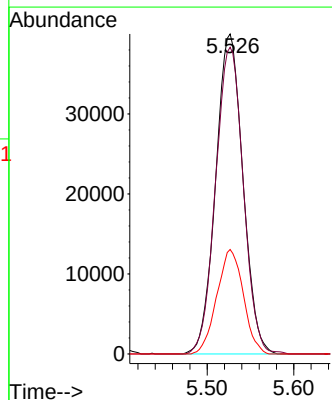
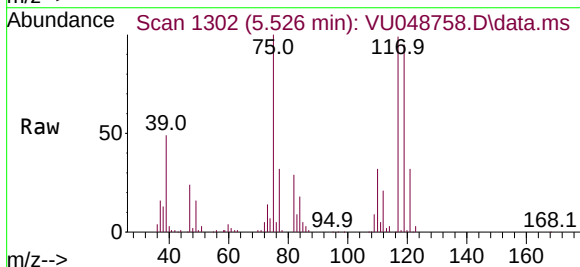
Tgt Ion: 117 Resp: 87352

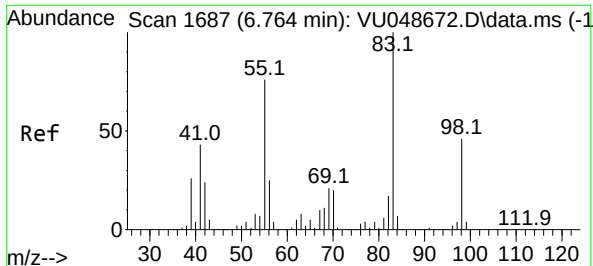
Ion Ratio Lower Upper

117 100

119 95.9 75.4 113.2

121 32.7 24.6 36.8





#39

Methylcyclohexane

Concen: 19.342 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

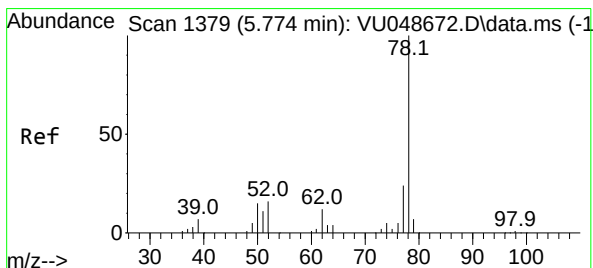
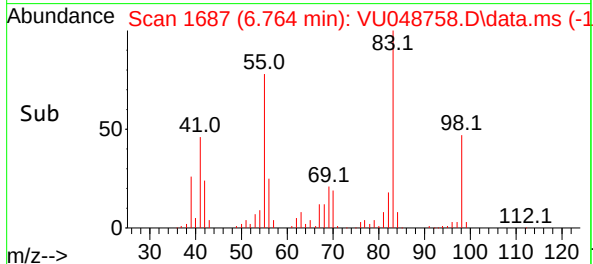
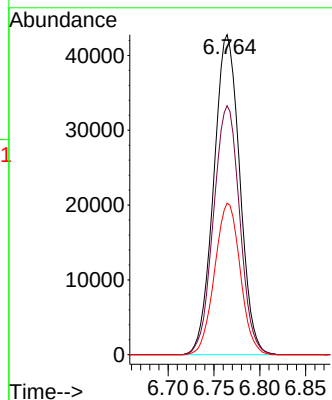
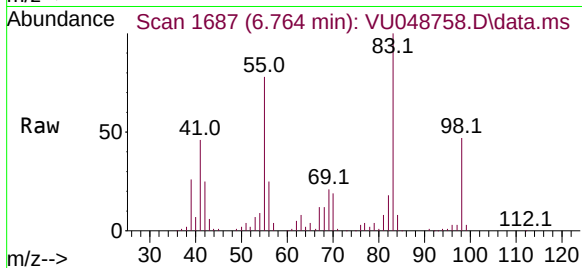
Tgt Ion: 83 Resp: 84405

Ion Ratio Lower Upper

83 100

55 77.8 61.0 91.6

98 47.4 36.8 55.2



#40

Benzene

Concen: 20.201 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048758.D

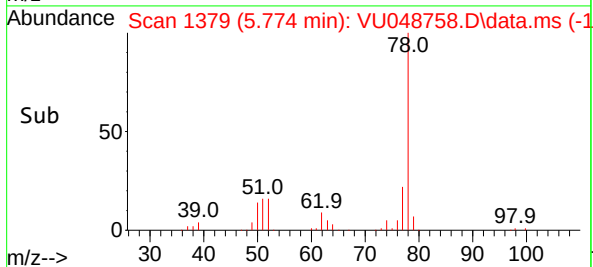
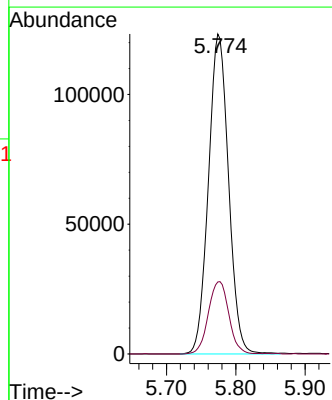
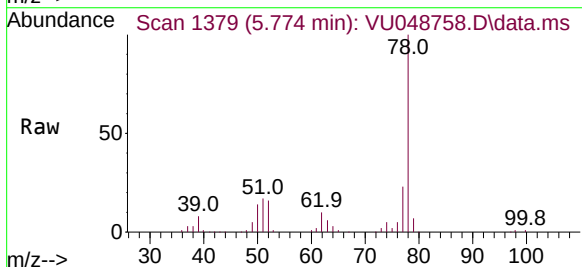
Acq: 31 May 2022 23:26

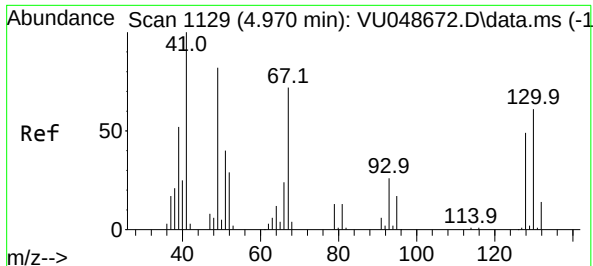
Tgt Ion: 78 Resp: 248214

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6



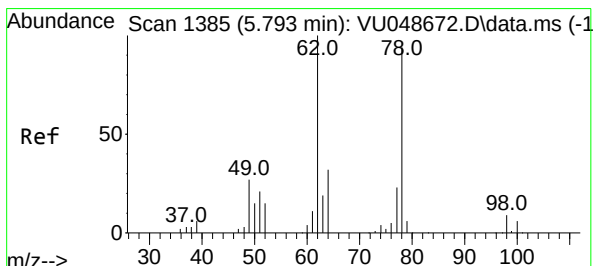
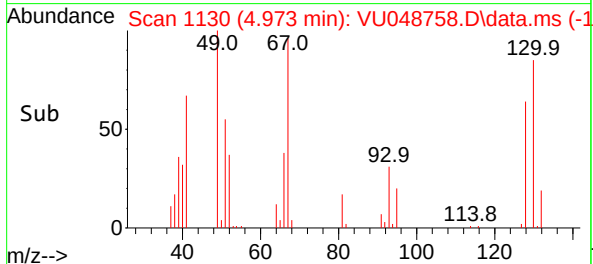
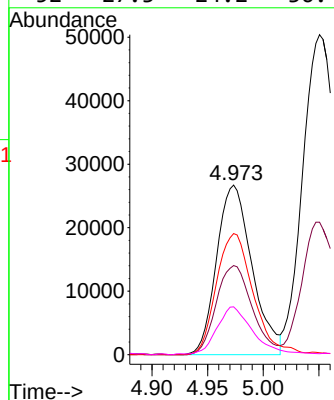
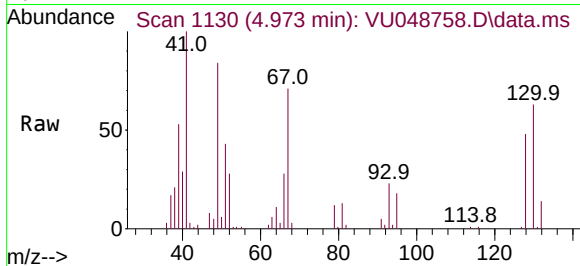


#41
Methacrylonitrile
Concen: 22.251 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

Tgt Ion: 41 Resp: 59162

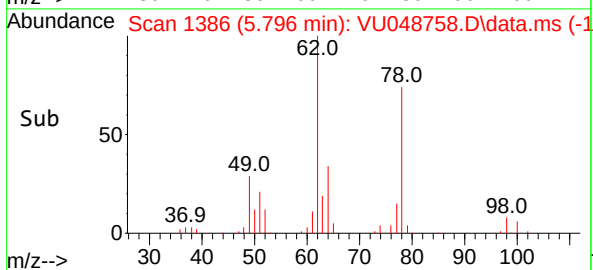
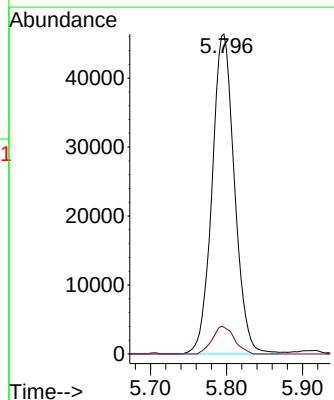
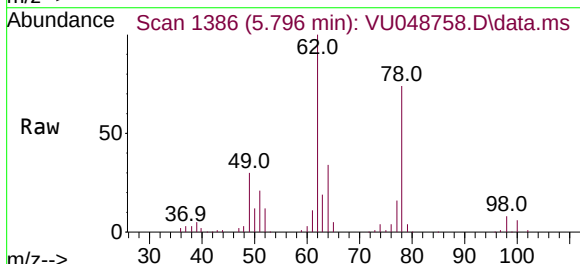
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.6	64.0
67	74.2	61.0	91.4
52	27.3	24.2	36.4

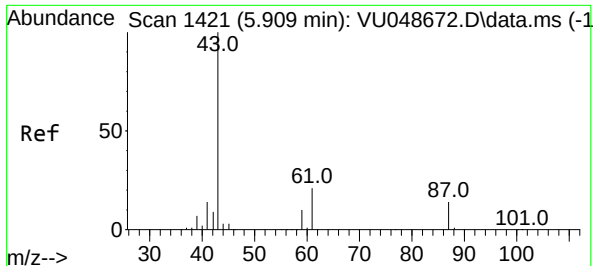


#42
1,2-Dichloroethane
Concen: 19.769 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 62 Resp: 95084

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 21.038 ug/l

RT: 5.912 min Scan# 1421

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

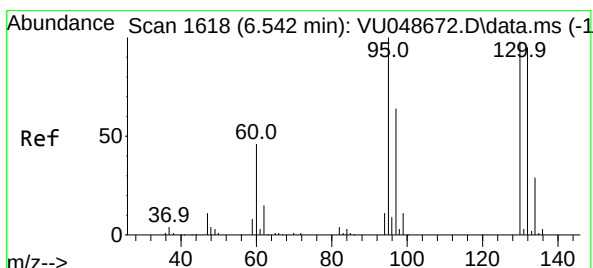
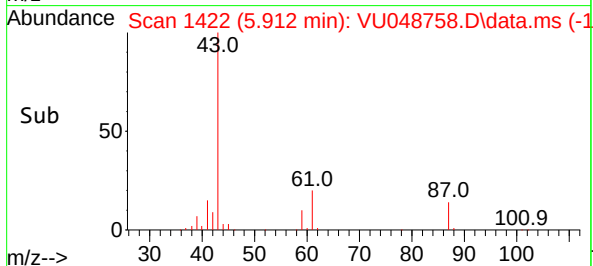
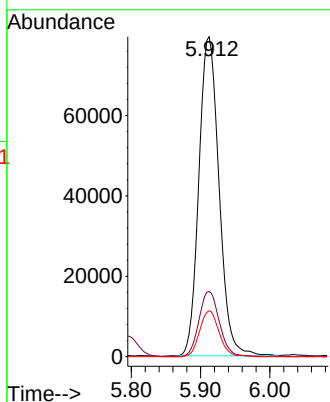
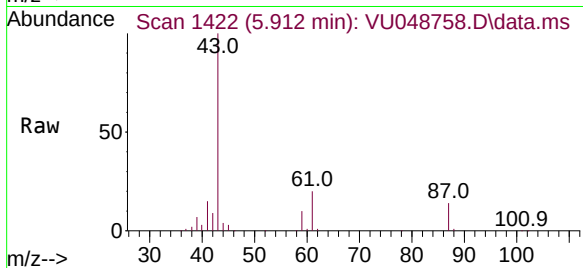
Tgt Ion: 43 Resp: 160654

Ion Ratio Lower Upper

43 100

61 20.7 16.7 25.1

87 13.8 10.9 16.3



#44

Trichloroethene

Concen: 19.194 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU048758.D

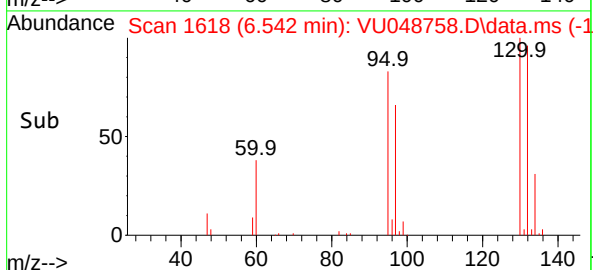
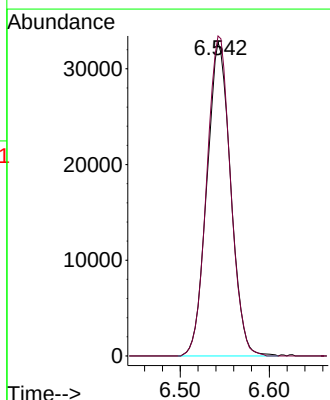
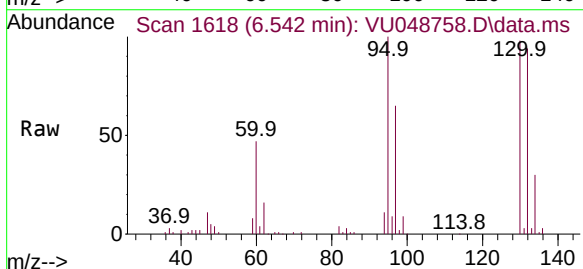
Acq: 31 May 2022 23:26

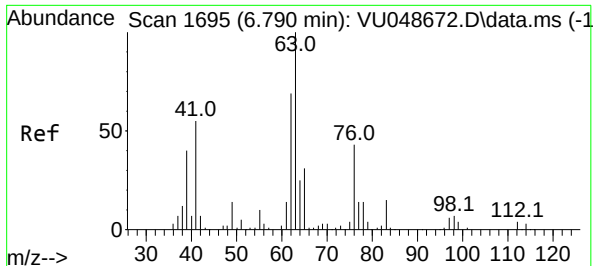
Tgt Ion:130 Resp: 60761

Ion Ratio Lower Upper

130 100

95 102.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 22.623 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

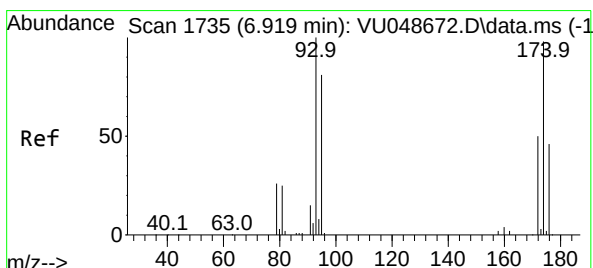
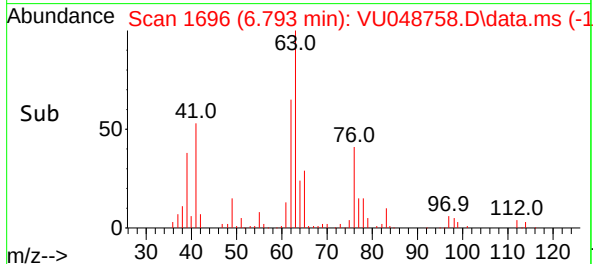
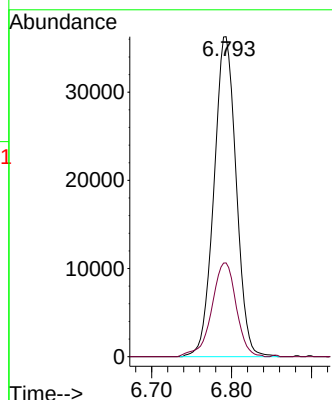
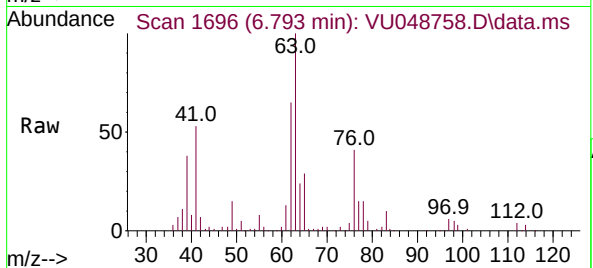
VU0531WBS02

Tgt Ion: 63 Resp: 69982

Ion Ratio Lower Upper

63 100

65 29.3 24.8 37.2



#46

Dibromomethane

Concen: 20.555 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

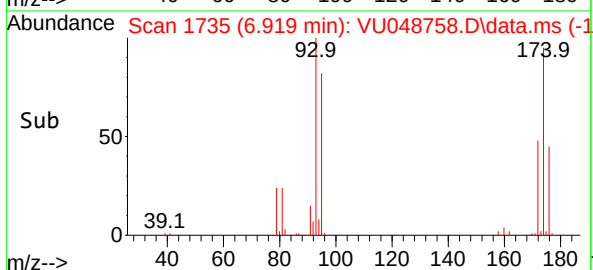
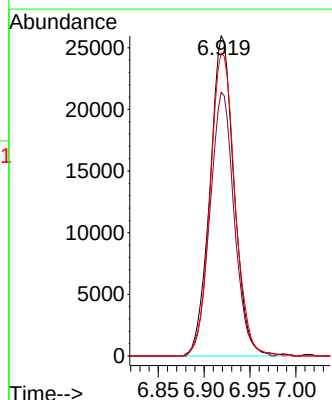
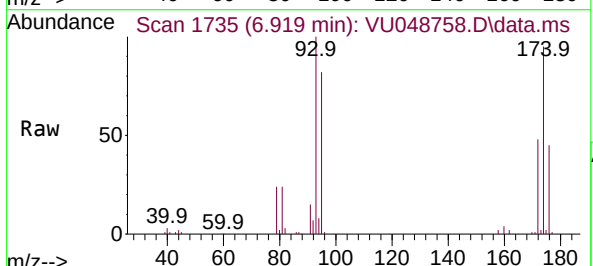
Tgt Ion: 93 Resp: 47505

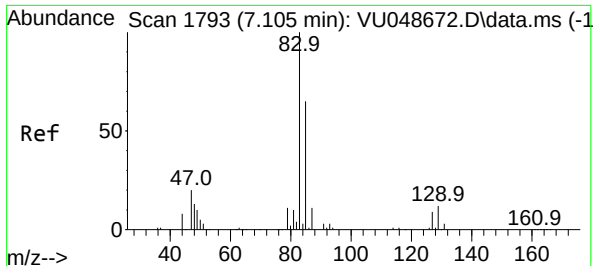
Ion Ratio Lower Upper

93 100

95 82.8 65.1 97.7

174 97.0 77.8 116.6

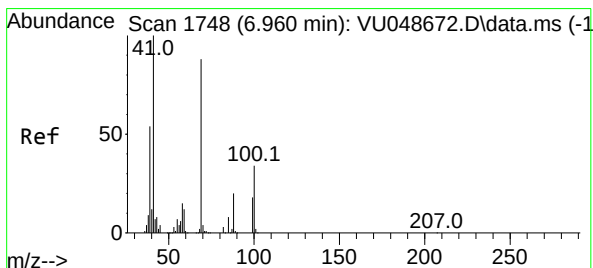
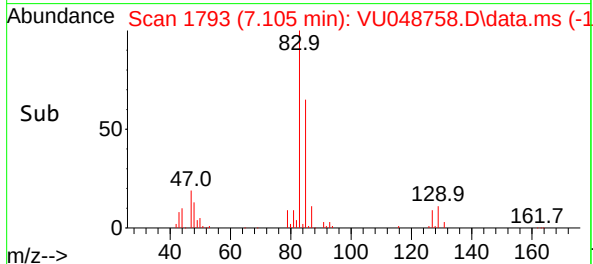
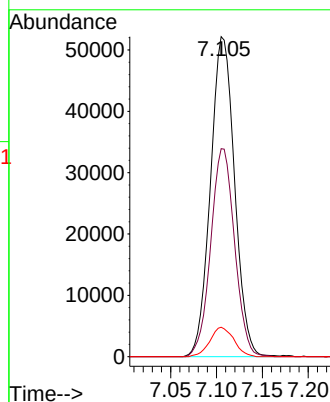
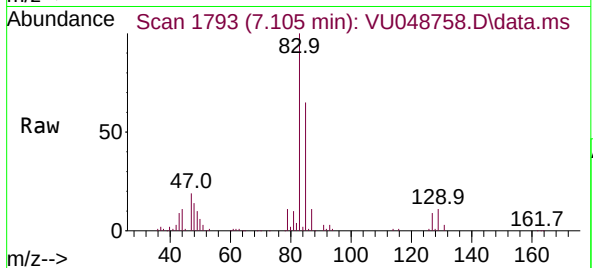




#47
Bromodichloromethane
Concen: 20.428 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

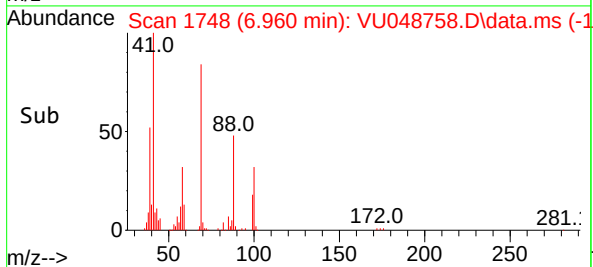
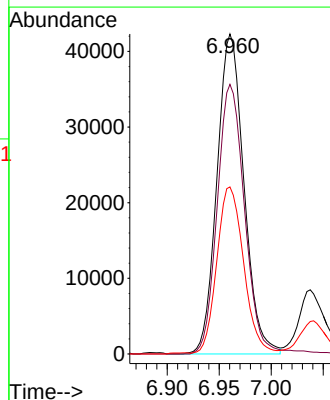
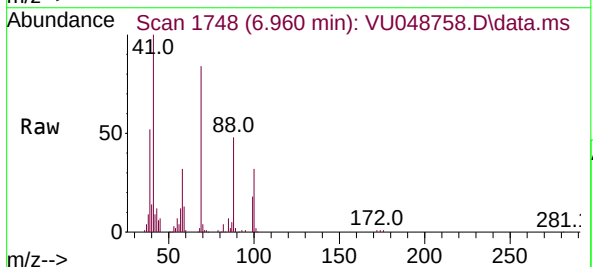
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

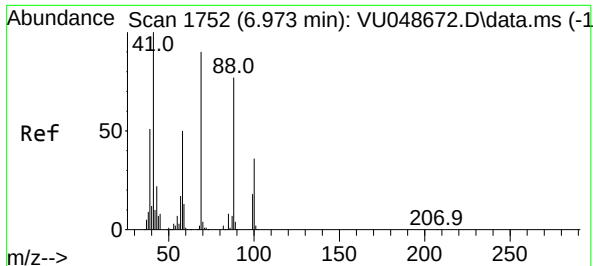
Tgt Ion: 83 Resp: 95474
Ion Ratio Lower Upper
83 100
85 65.0 52.1 78.1
127 9.2 6.9 10.3



#48
Methyl methacrylate
Concen: 22.279 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 41 Resp: 76378
Ion Ratio Lower Upper
41 100
69 85.9 70.7 106.1
39 51.1 43.4 65.2





#49

1,4-Dioxane

Concen: 478.356 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

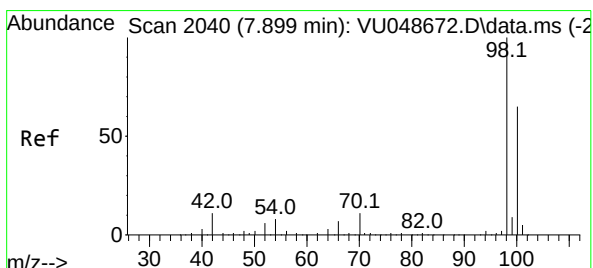
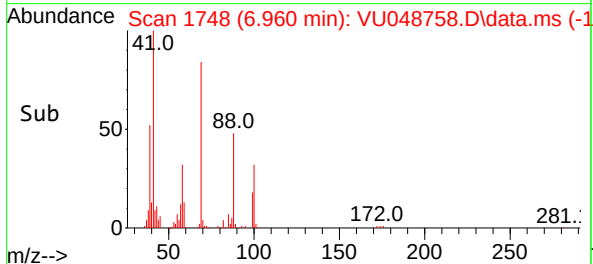
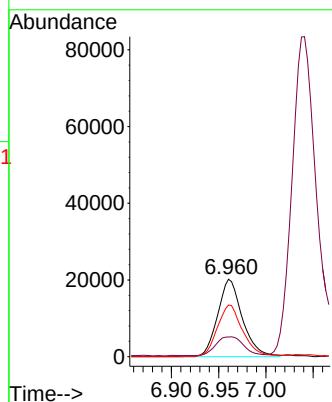
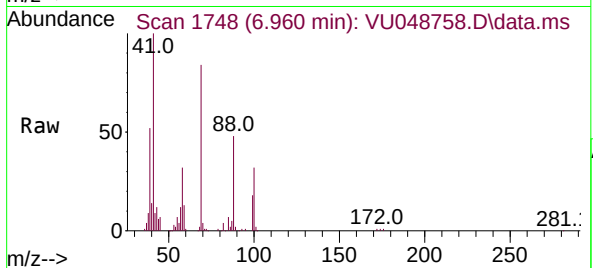
Tgt Ion: 88 Resp: 36659

Ion Ratio Lower Upper

88 100

43 27.1 24.6 36.8

58 68.7 54.7 82.1



#50

Toluene-d8

Concen: 49.708 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048758.D

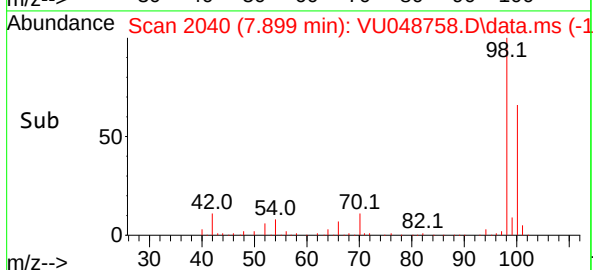
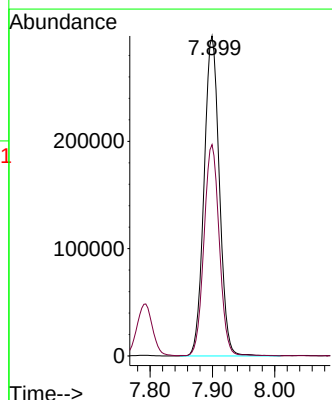
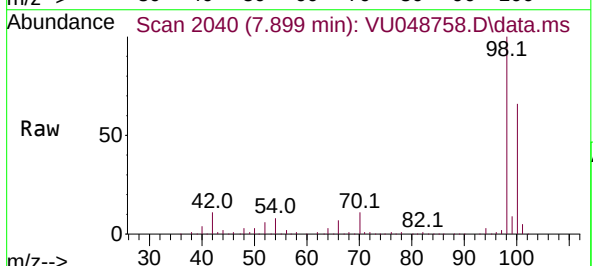
Acq: 31 May 2022 23:26

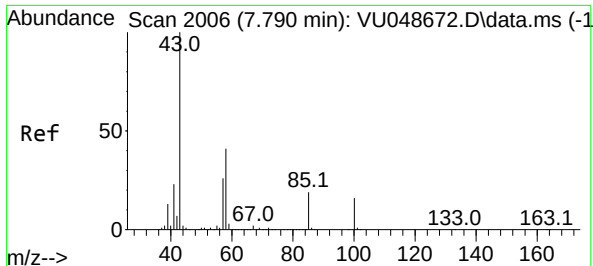
Tgt Ion: 98 Resp: 508126

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 116.359 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

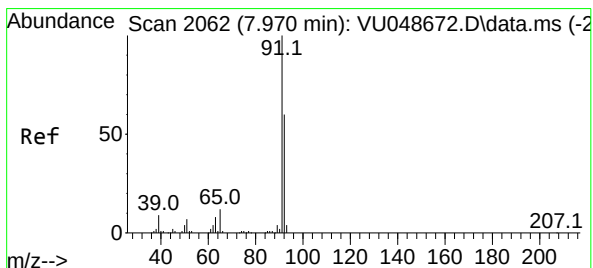
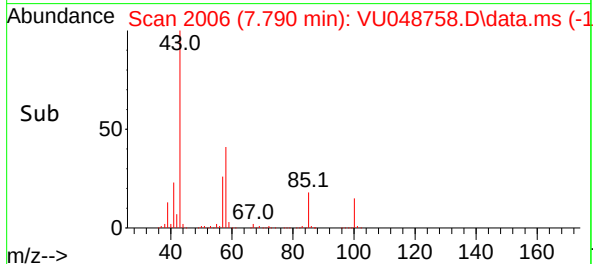
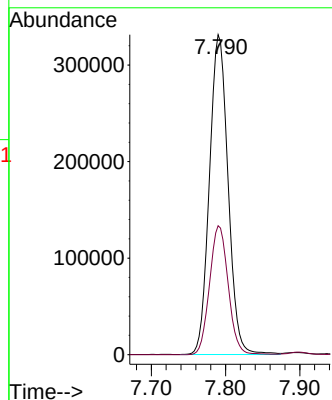
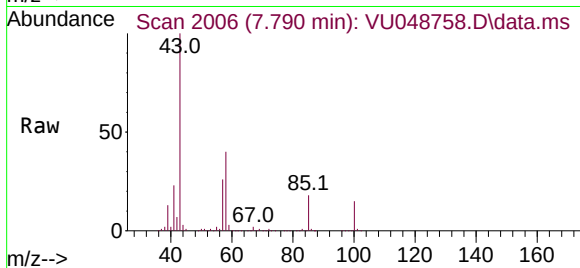
VU0531WBS02

Tgt Ion: 43 Resp: 576974

Ion Ratio Lower Upper

43 100

58 40.3 32.7 49.1



#52

Toluene

Concen: 20.648 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048758.D

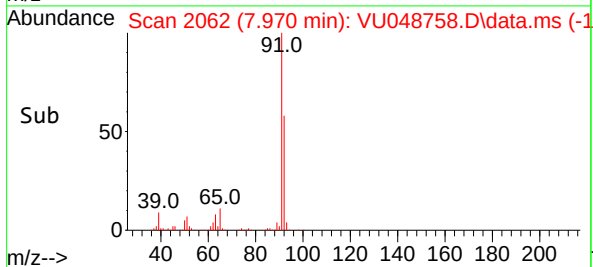
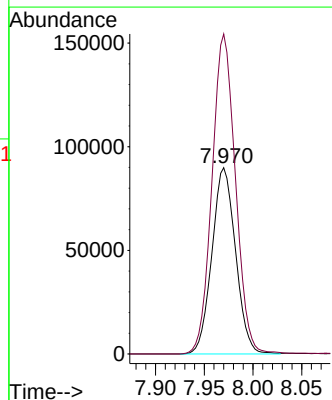
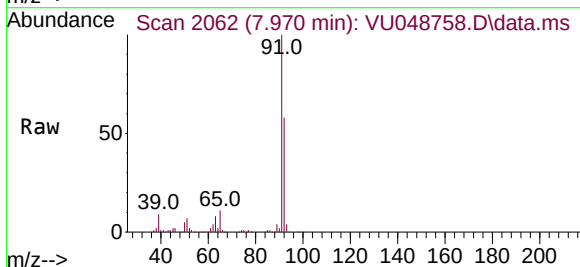
Acq: 31 May 2022 23:26

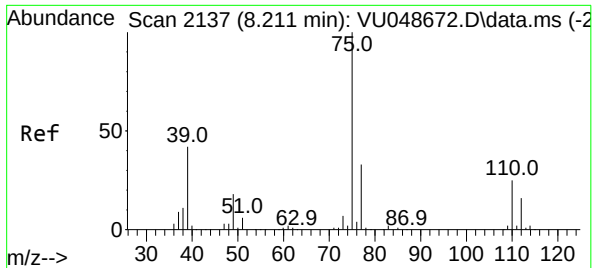
Tgt Ion: 92 Resp: 151757

Ion Ratio Lower Upper

92 100

91 170.6 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 19.257 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

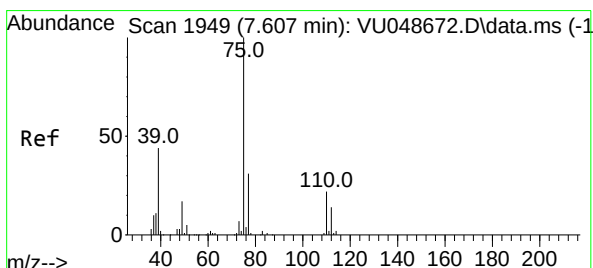
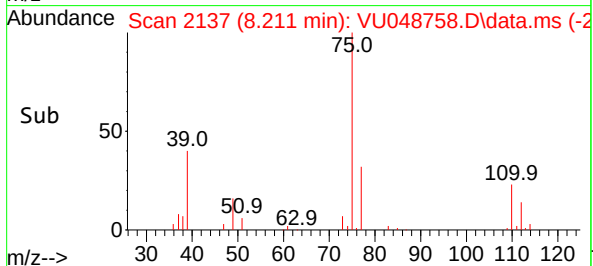
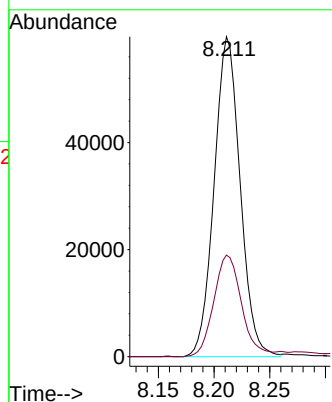
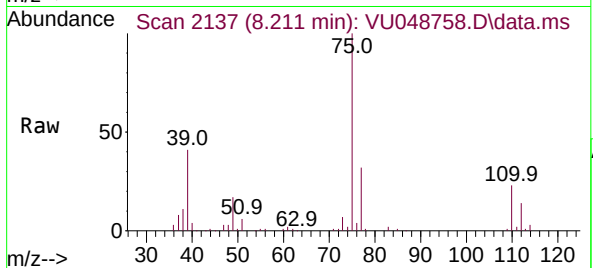
VU0531WBS02

Tgt Ion: 75 Resp: 97086

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 19.868 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

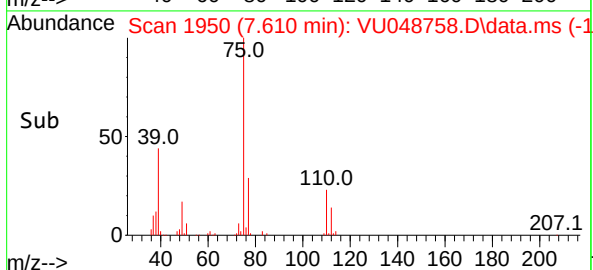
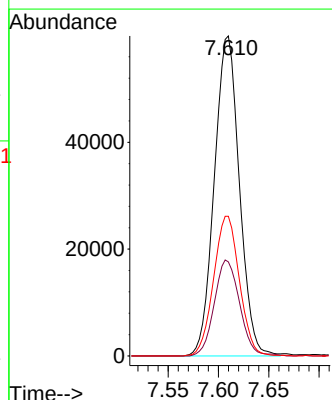
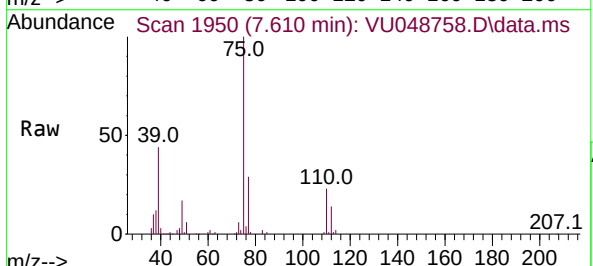
Tgt Ion: 75 Resp: 103794

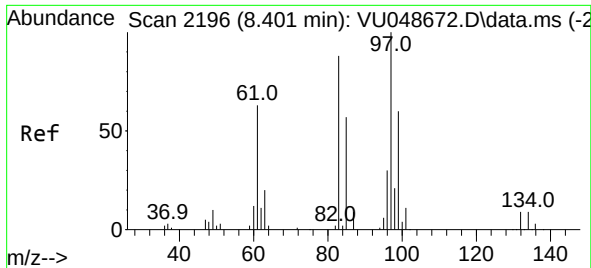
Ion Ratio Lower Upper

75 100

77 29.4 24.9 37.3

39 43.6 35.2 52.8

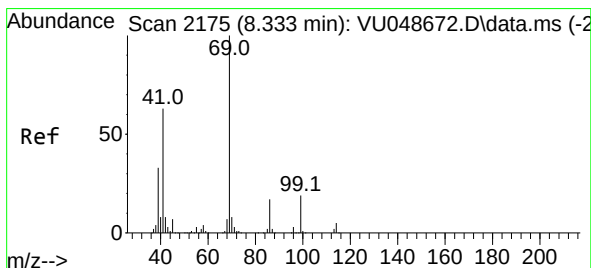
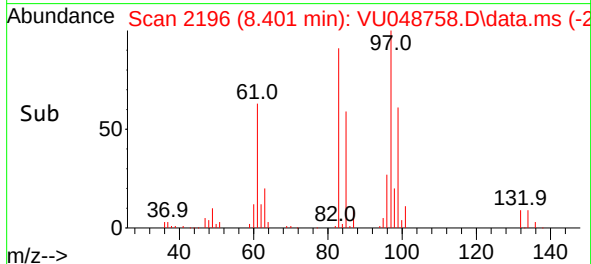
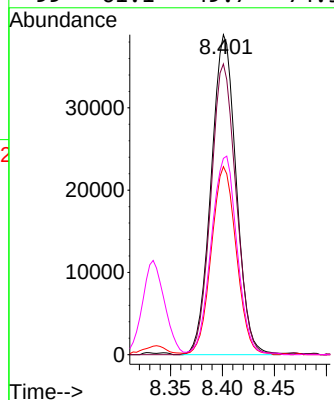
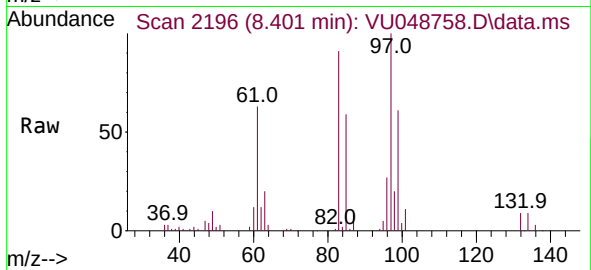




#55
 1,1,2-Trichloroethane
 Concen: 20.152 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU048758.D
 Acq: 31 May 2022 23:26

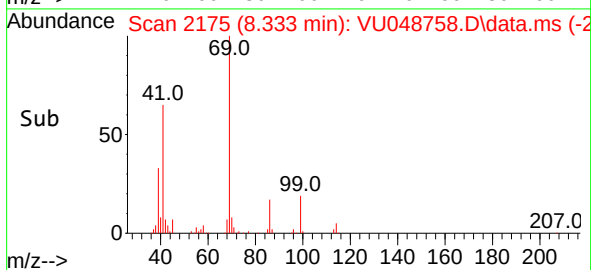
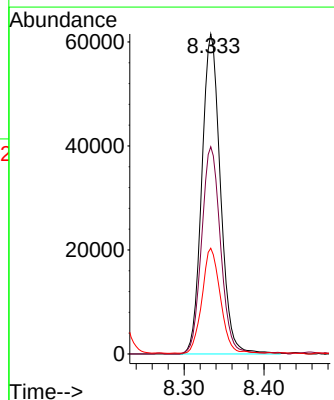
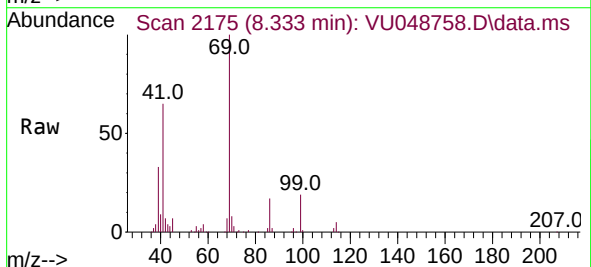
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS02

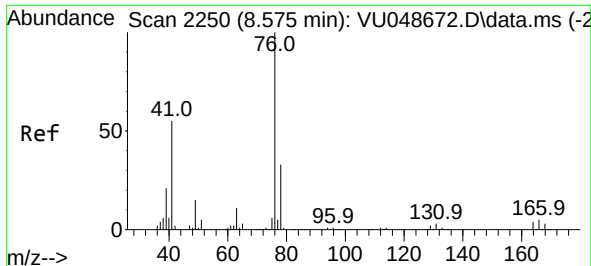
Tgt Ion:	97	Resp:	65366
Ion	Ratio	Lower	Upper
97	100		
83	90.8	70.2	105.4
85	58.8	45.6	68.4
99	61.1	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 21.045 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: VU048758.D
 Acq: 31 May 2022 23:26

Tgt Ion:	69	Resp:	99684
Ion	Ratio	Lower	Upper
69	100		
41	66.0	50.6	76.0
39	32.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.508 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

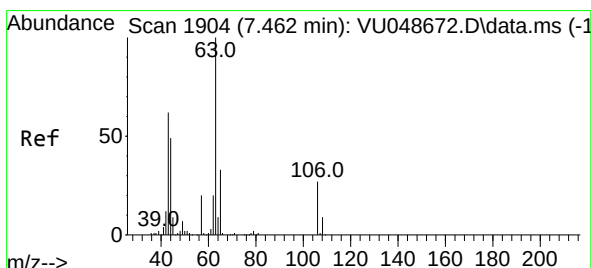
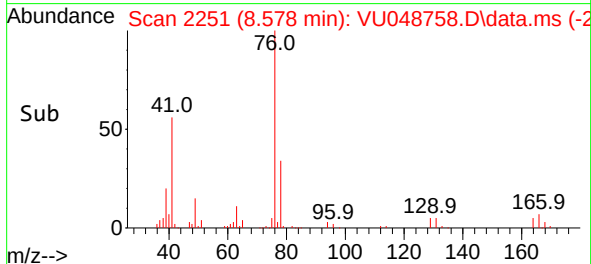
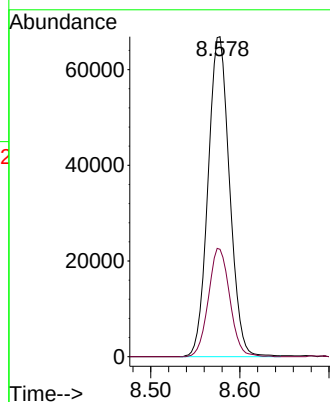
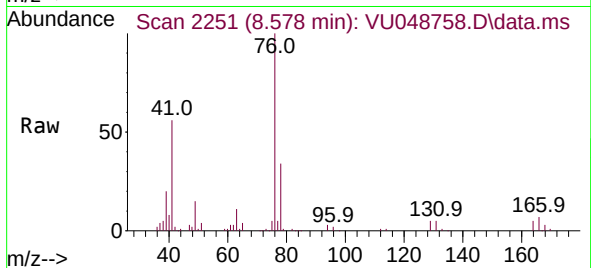
VU0531WBS02

Tgt Ion: 76 Resp: 111961

Ion Ratio Lower Upper

76 100

78 33.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.780 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048758.D

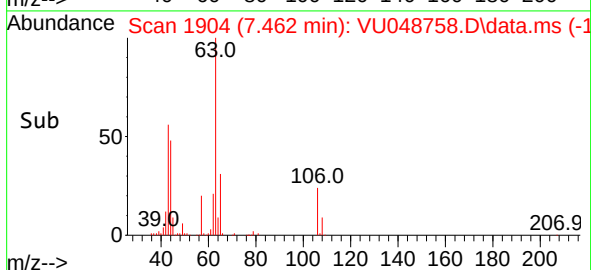
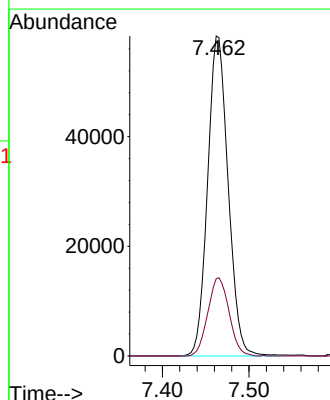
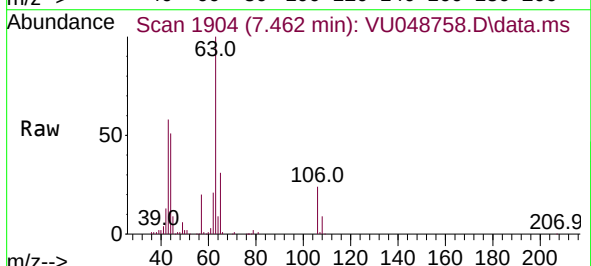
Acq: 31 May 2022 23:26

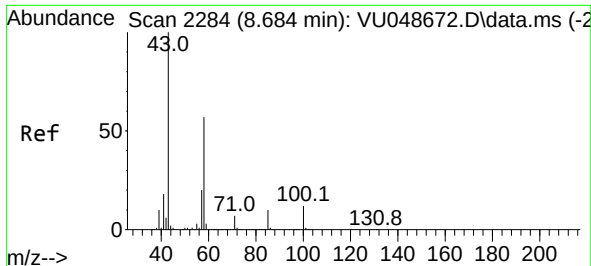
Tgt Ion: 63 Resp: 96064

Ion Ratio Lower Upper

63 100

106 25.3 22.2 33.2

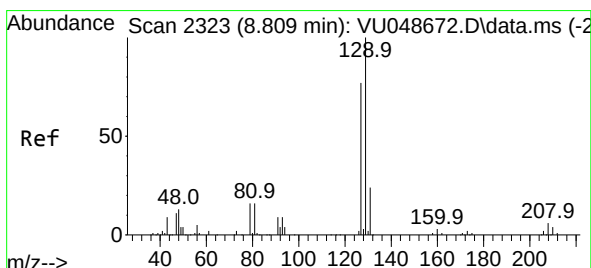
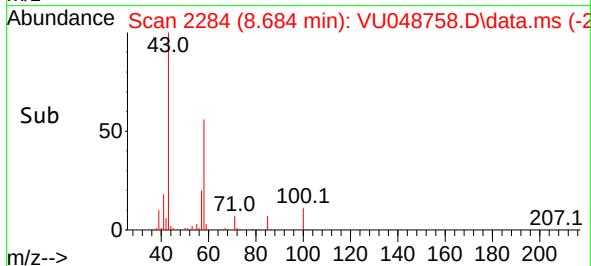
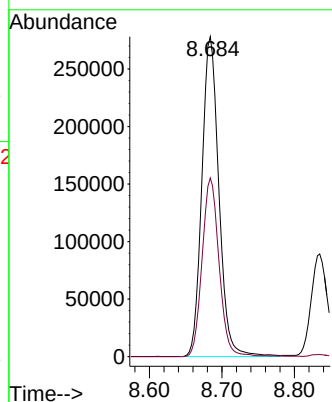
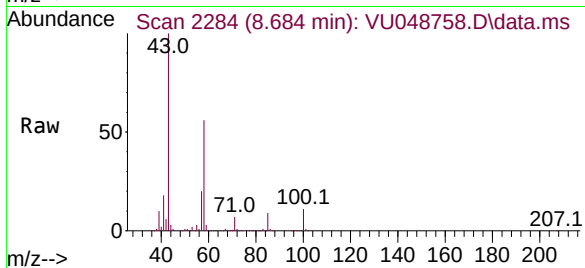




#59
2-Hexanone
Concen: 111.376 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

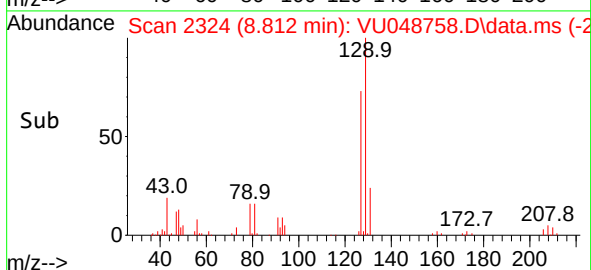
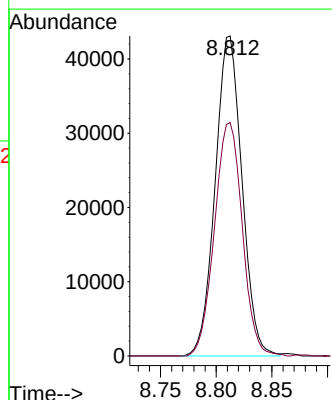
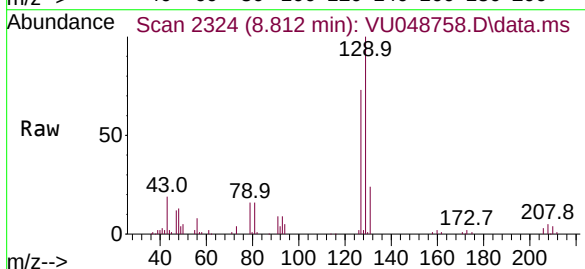
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

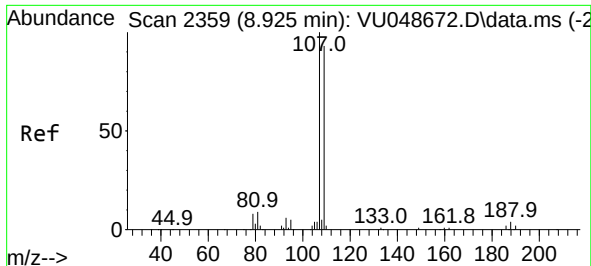
Tgt Ion: 43 Resp: 453392
Ion Ratio Lower Upper
43 100
58 55.9 28.2 84.6



#60
Dibromochloromethane
Concen: 19.868 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 129 Resp: 72241
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.3

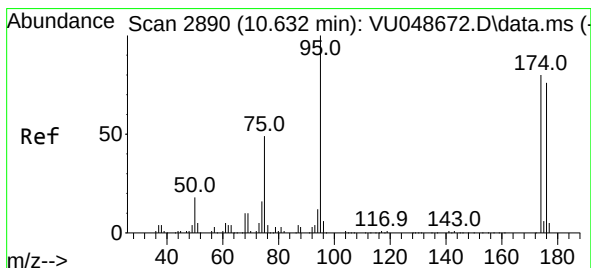
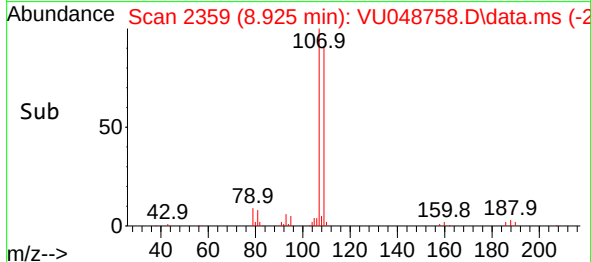
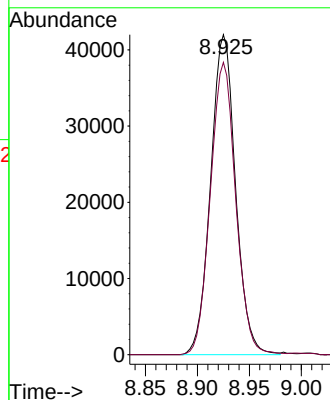
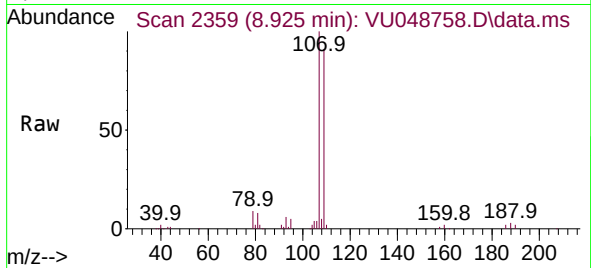




#61
1,2-Dibromoethane
Concen: 19.605 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

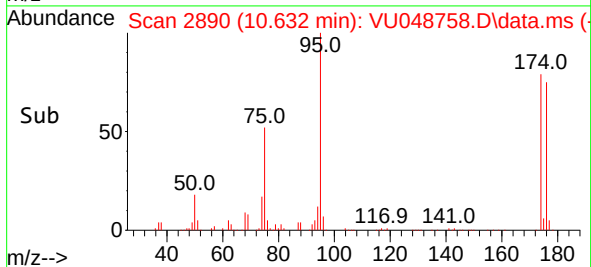
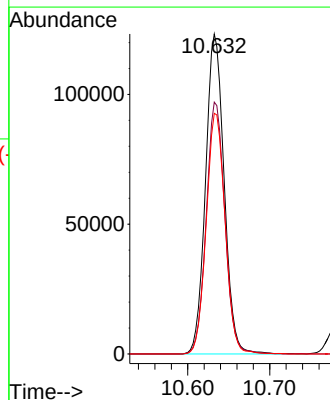
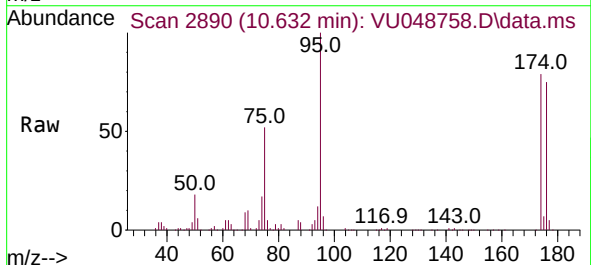
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

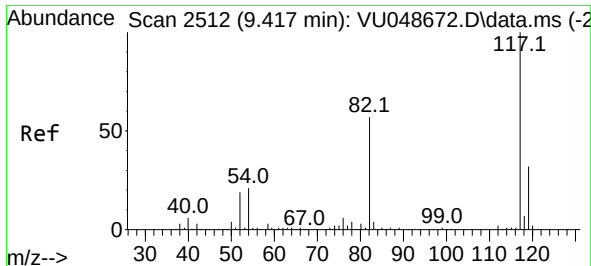
Tgt Ion:107 Resp: 70033
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.207 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 95 Resp: 194095
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.4
176 76.3 0.0 152.4

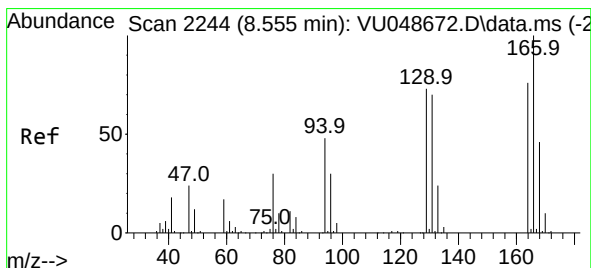
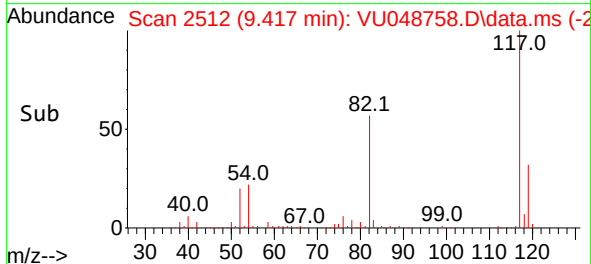
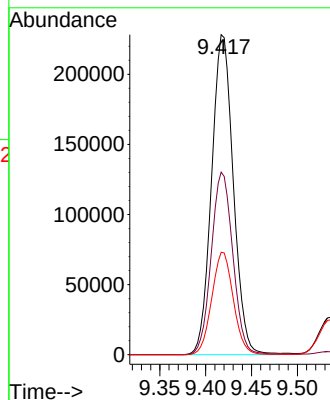
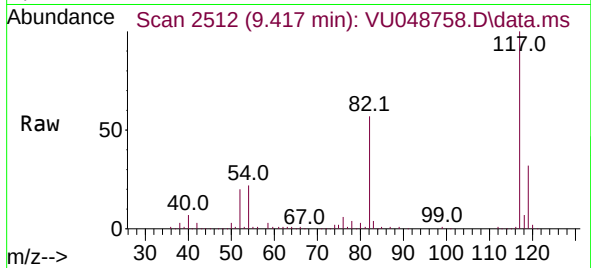




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

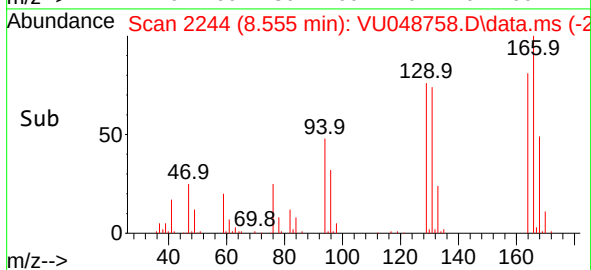
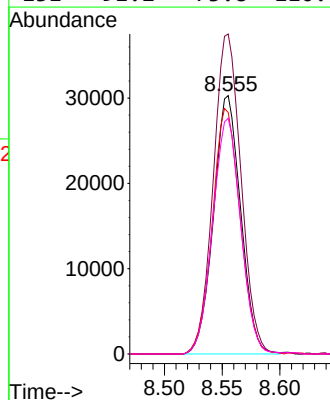
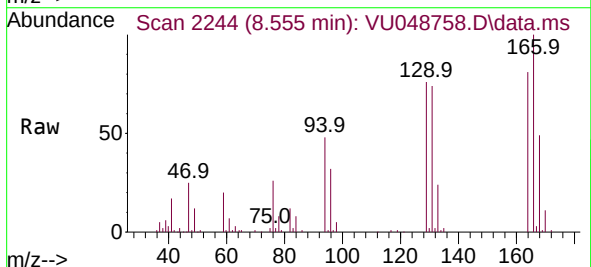
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

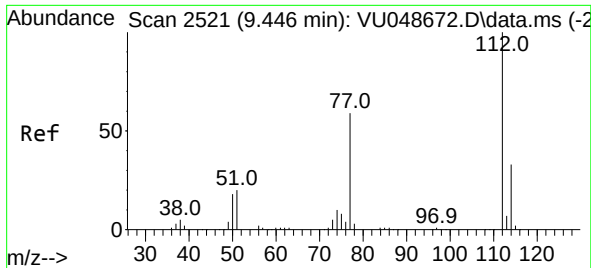
Tgt Ion:117 Resp: 375990
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 18.270 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion:164 Resp: 49537
Ion Ratio Lower Upper
164 100
166 123.8 105.0 157.4
129 93.5 76.5 114.7
131 91.2 73.8 110.6

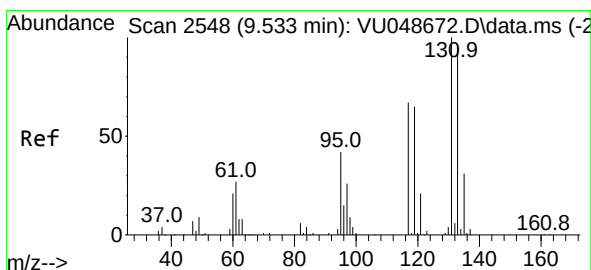
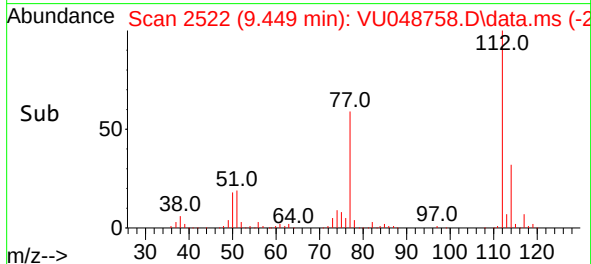
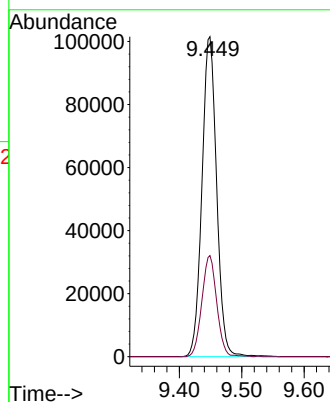
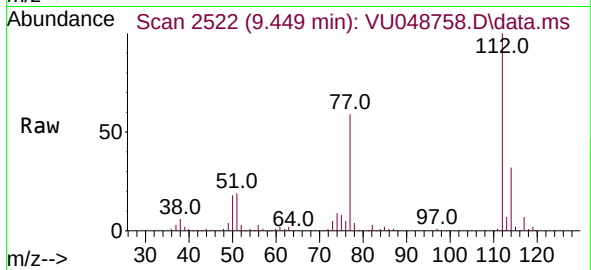




#65
Chlorobenzene
Concen: 20.900 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

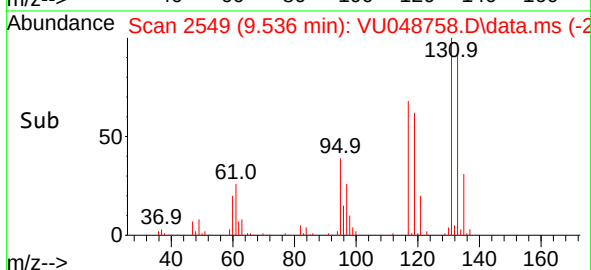
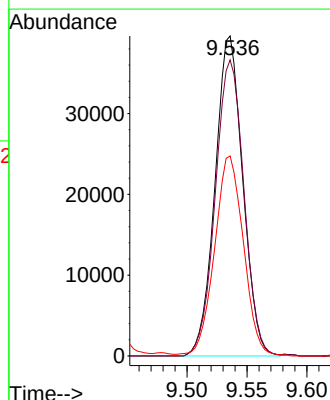
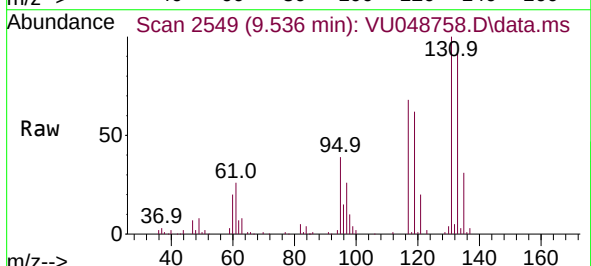
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

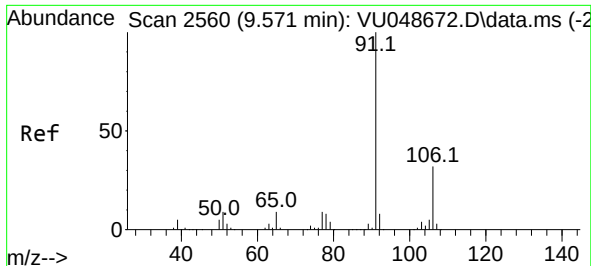
Tgt Ion:112 Resp: 166203
Ion Ratio Lower Upper
112 100
114 31.6 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.092 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion:131 Resp: 63666
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 65.2 32.7 98.1





#67

Ethyl Benzene

Concen: 21.265 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

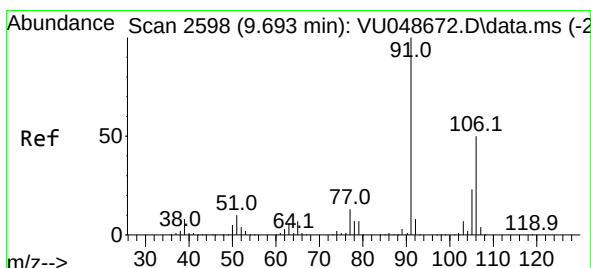
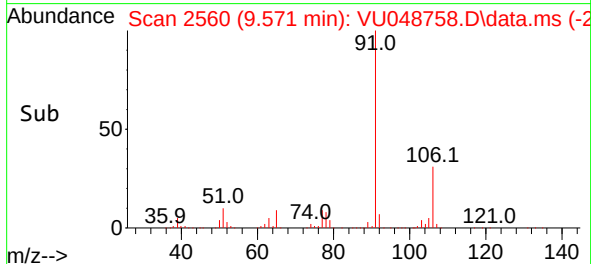
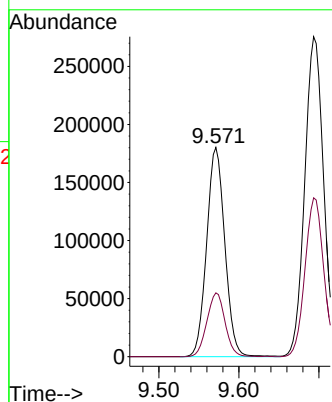
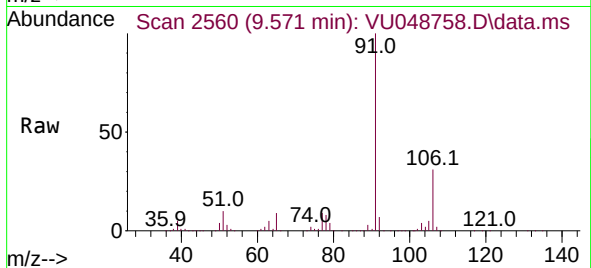
VU0531WBS02

Tgt Ion: 91 Resp: 285209

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.2



#68

m/p-Xylenes

Concen: 42.859 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048758.D

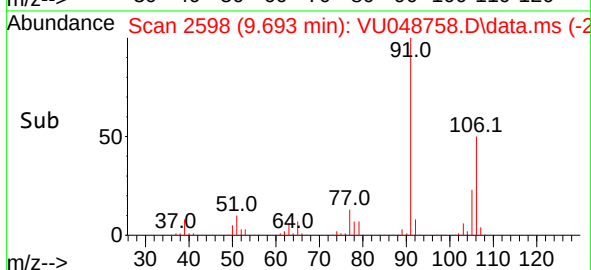
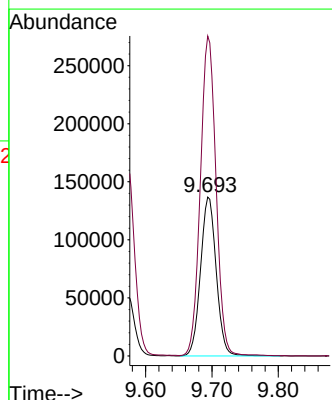
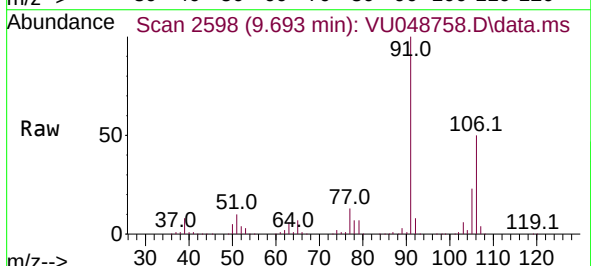
Acq: 31 May 2022 23:26

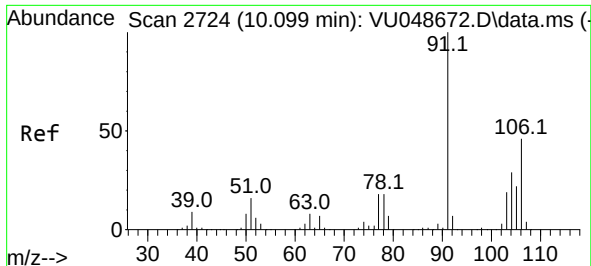
Tgt Ion: 106 Resp: 224823

Ion Ratio Lower Upper

106 100

91 201.0 162.4 243.6

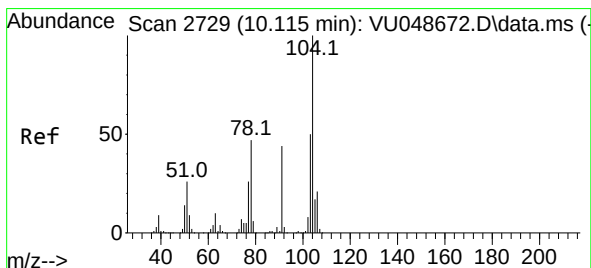
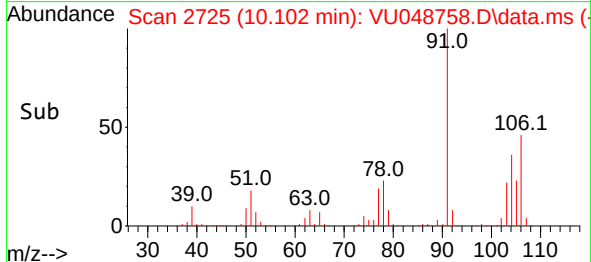
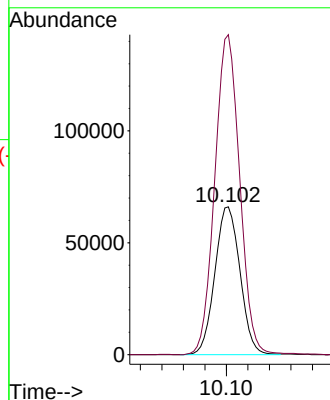
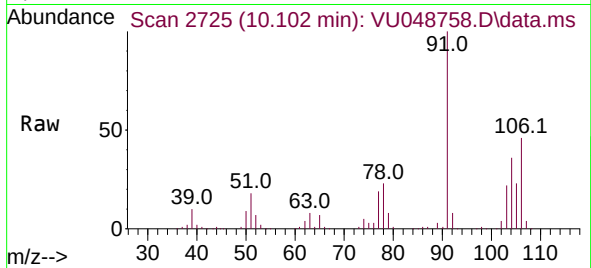




#69
o-Xylene
Concen: 20.826 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

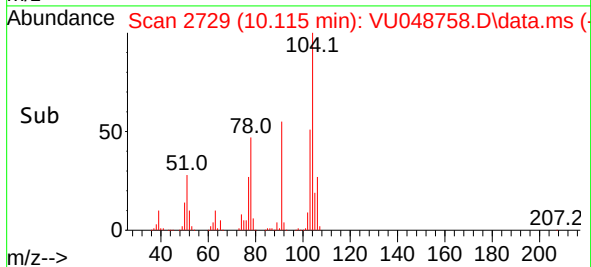
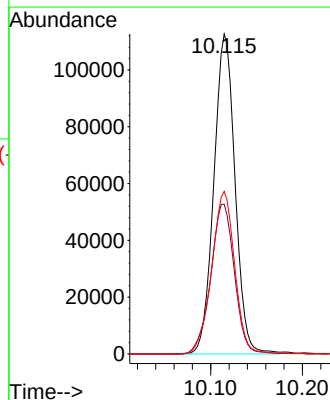
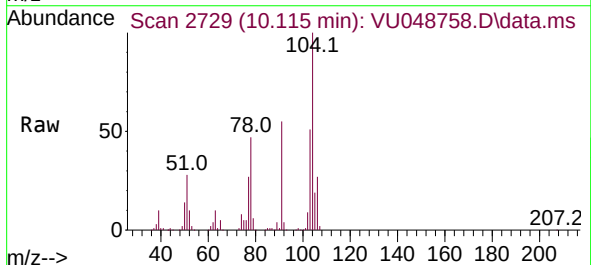
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

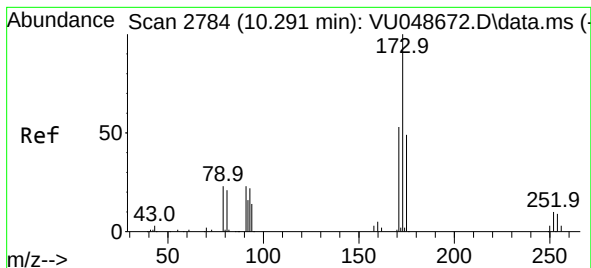
Tgt Ion:106 Resp: 107327
Ion Ratio Lower Upper
106 100
91 214.9 107.7 323.3



#70
Styrene
Concen: 21.355 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion:104 Resp: 181028
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 55.0 43.4 65.2





#71

Bromoform

Concen: 20.868 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

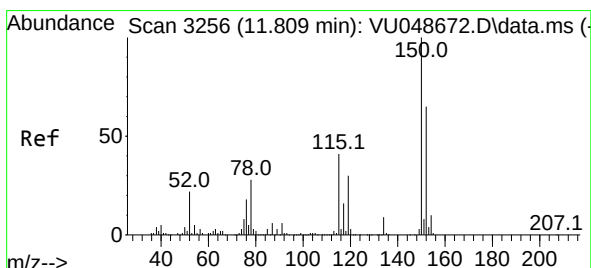
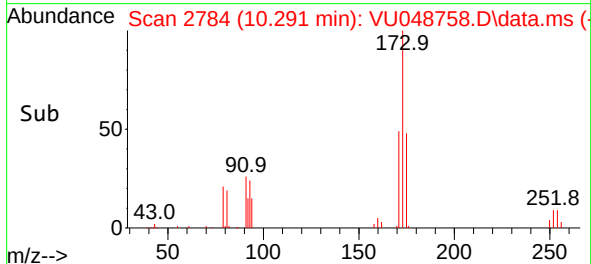
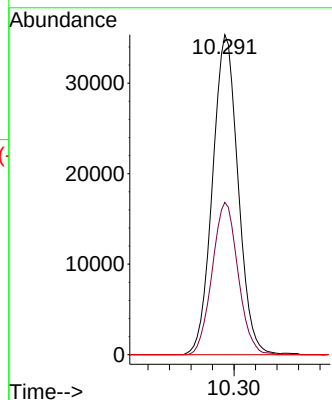
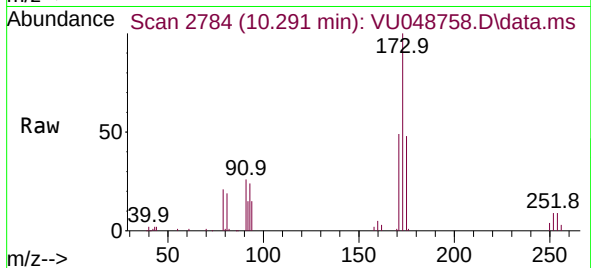
Tgt Ion:173 Resp: 58240

Ion Ratio Lower Upper

173 100

175 48.2 24.5 73.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

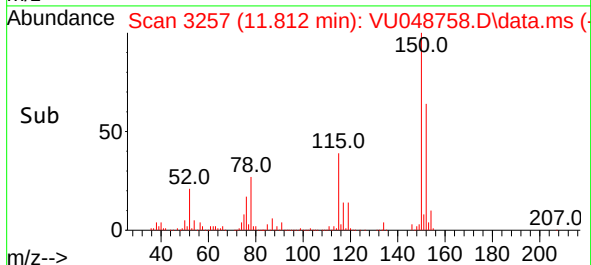
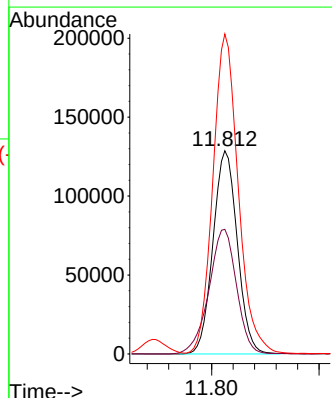
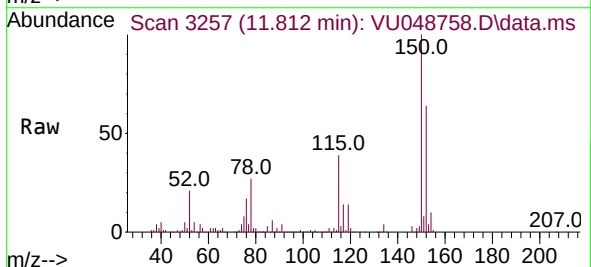
Tgt Ion:152 Resp: 202164

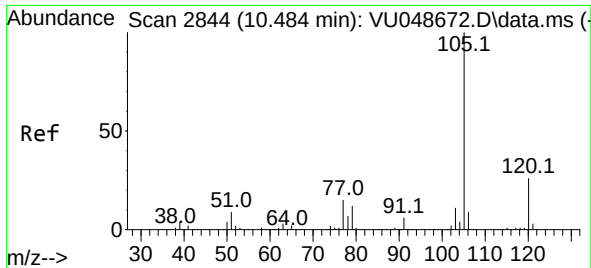
Ion Ratio Lower Upper

152 100

115 69.6 41.8 125.4

150 164.2 0.0 341.0

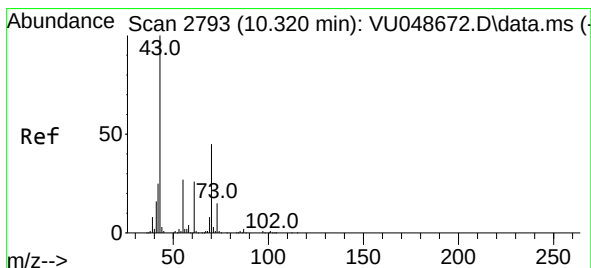
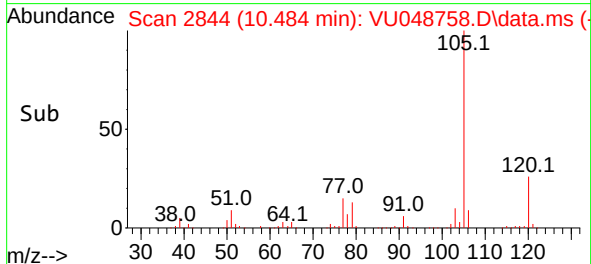
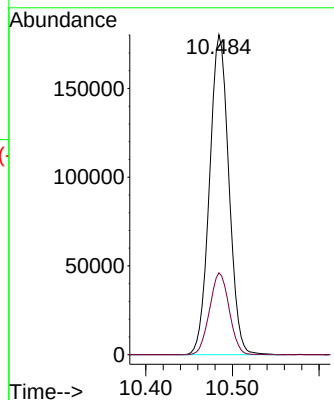
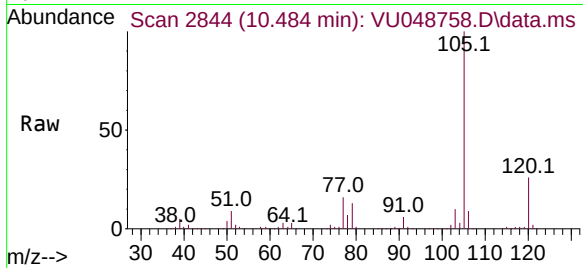




#73
Isopropylbenzene
Concen: 21.450 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

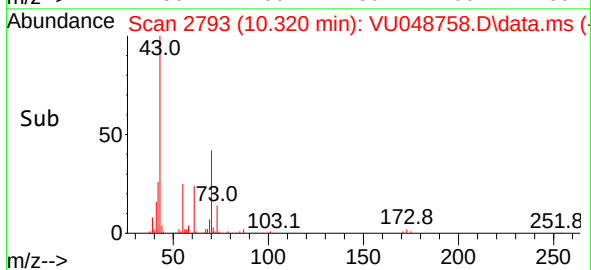
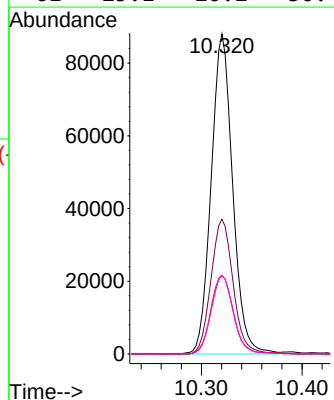
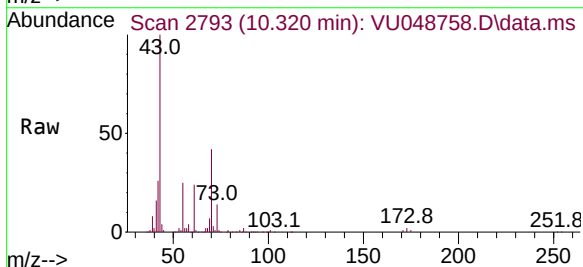
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

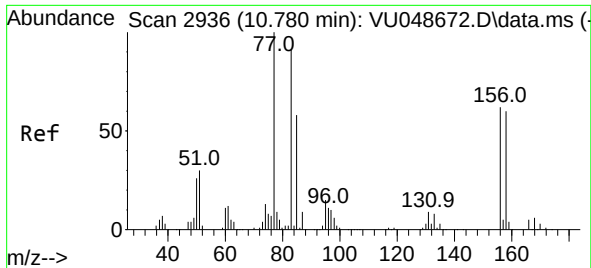
Tgt Ion:105 Resp: 279960
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 21.263 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 43 Resp: 130644
Ion Ratio Lower Upper
43 100
70 43.5 35.8 53.6
55 26.0 21.1 31.7
61 25.1 20.2 30.4

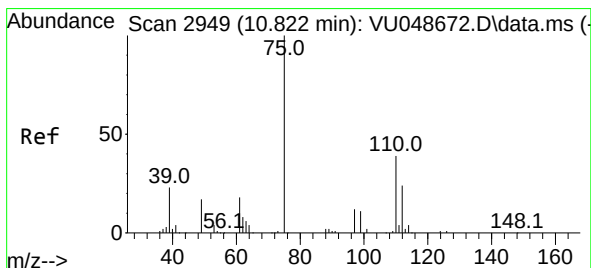
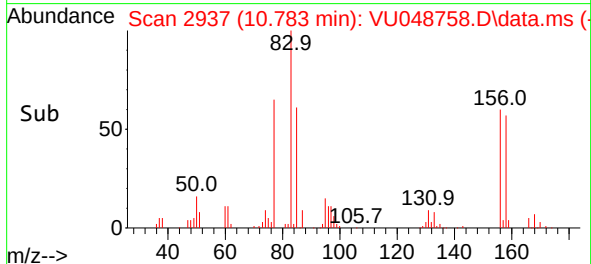
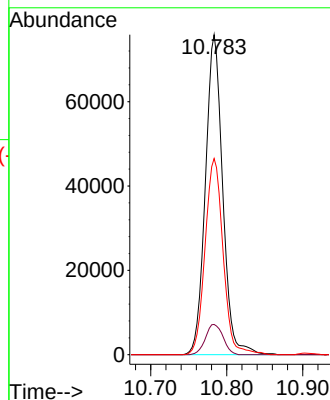
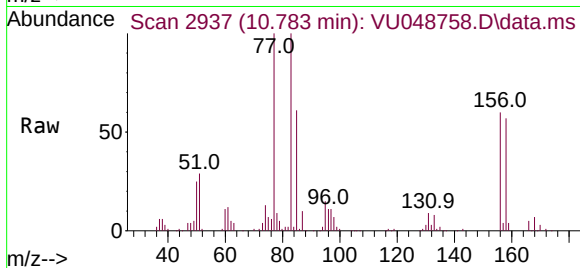




#75
1,1,2,2-Tetrachloroethane
Concen: 22.520 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

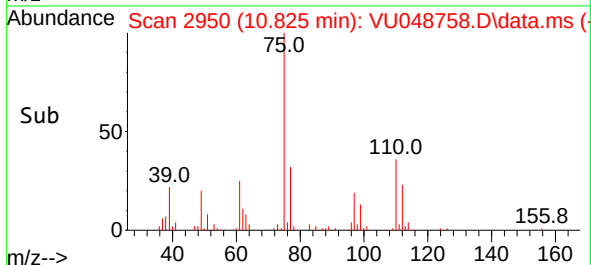
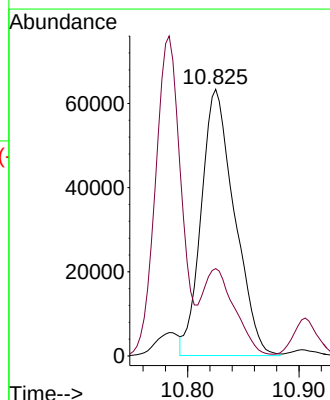
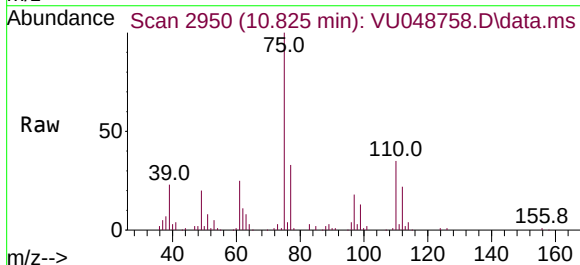
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

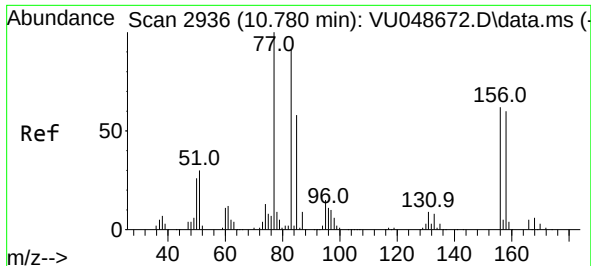
Tgt Ion: 83 Resp: 119944
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 63.8 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 20.198 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 75 Resp: 131657
Ion Ratio Lower Upper
75 100
77 30.8 14.8 44.3

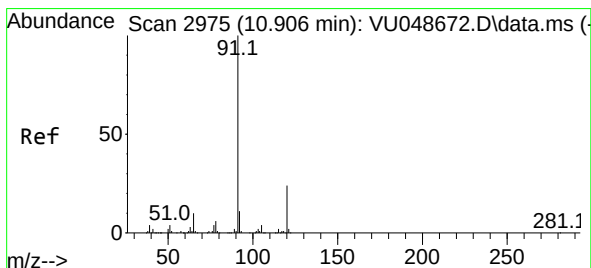
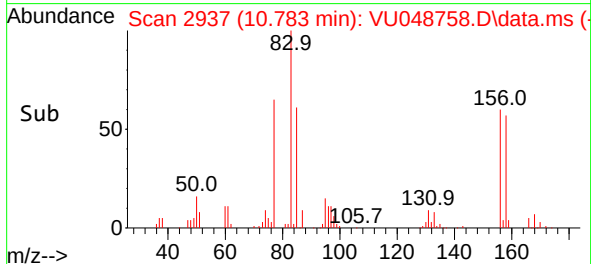
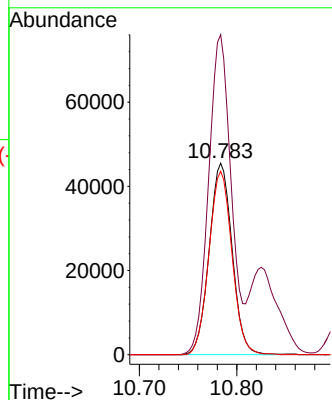
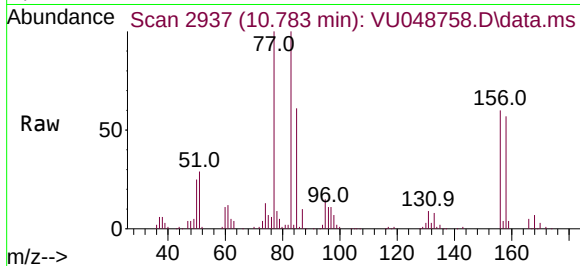




#77
Bromobenzene
Concen: 21.224 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

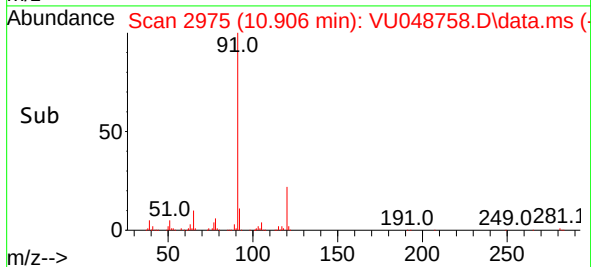
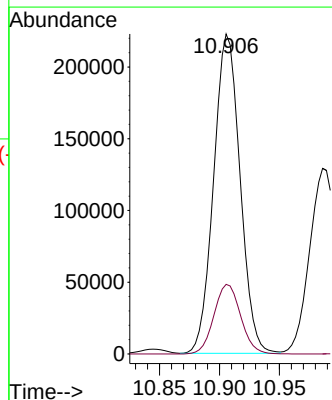
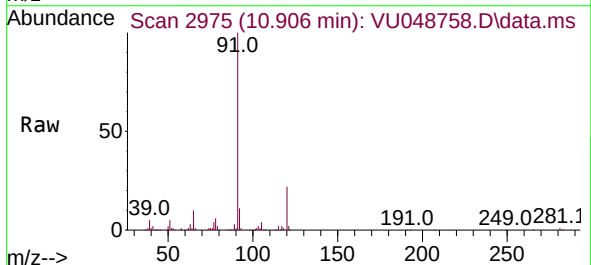
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

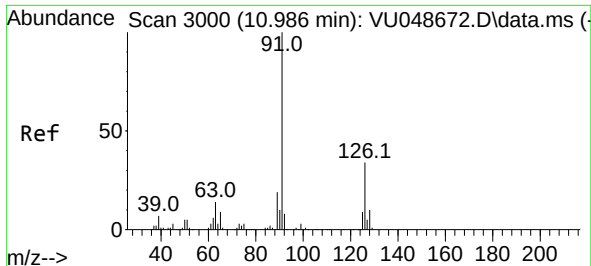
Tgt Ion	Resp	Lower	Upper
156	100		
77	165.4	81.1	243.3
158	96.4	48.8	146.4



#78
n-propylbenzene
Concen: 21.867 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion	Resp	Lower	Upper
91	100		
120	22.0	11.6	34.7

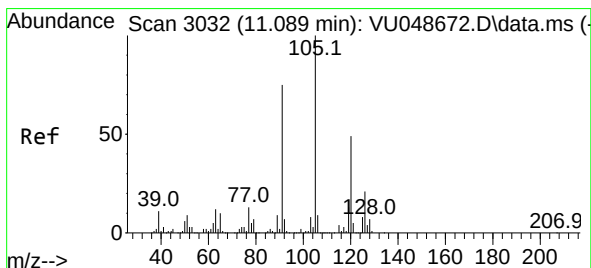
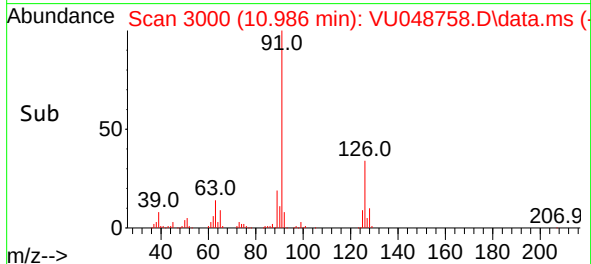
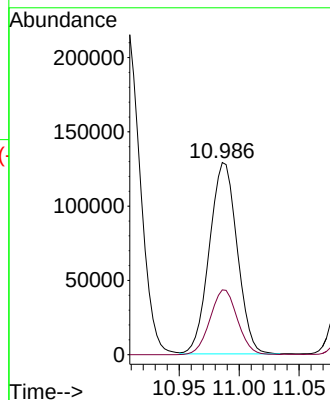
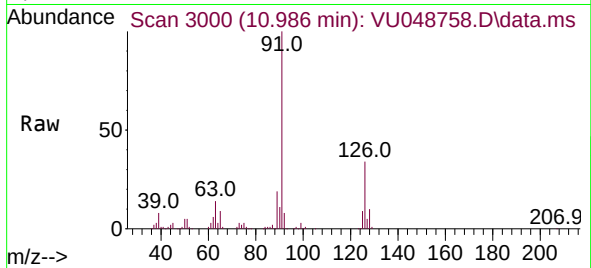




#79
2-Chlorotoluene
Concen: 21.434 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

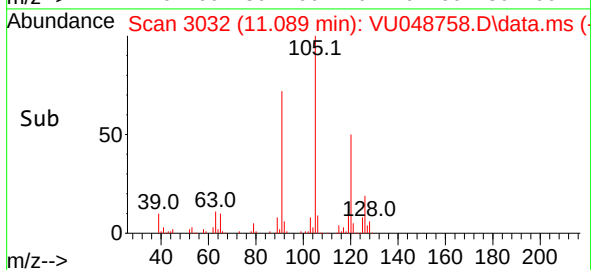
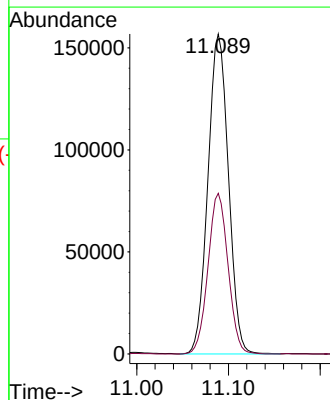
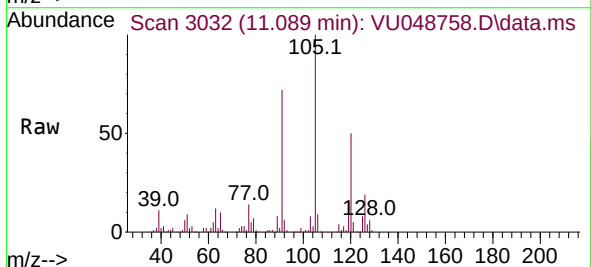
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

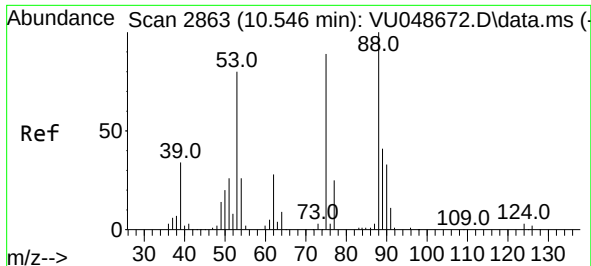
Tgt Ion: 91 Resp: 207298
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 21.455 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 105 Resp: 243515
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

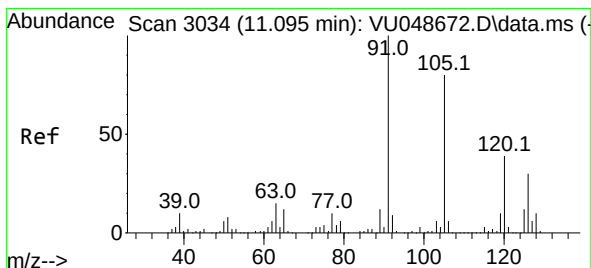
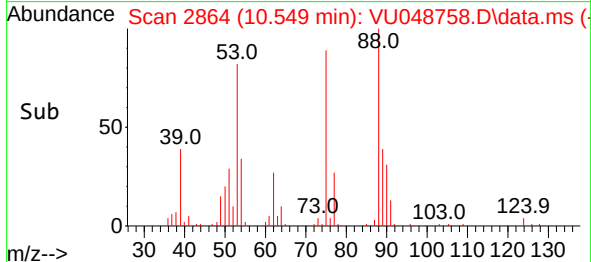
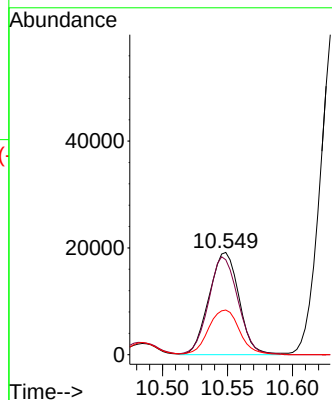
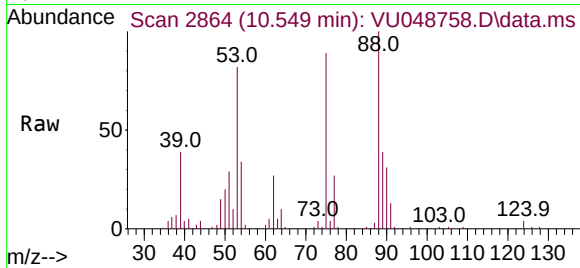




#81
trans-1,4-Dichloro-2-butene
Concen: 17.136 ug/l
RT: 10.549 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

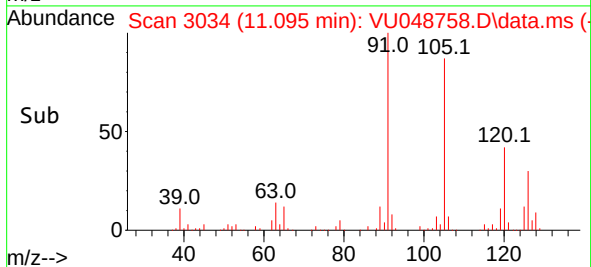
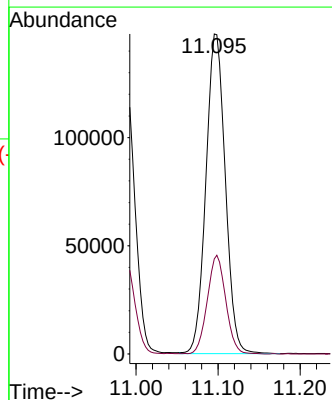
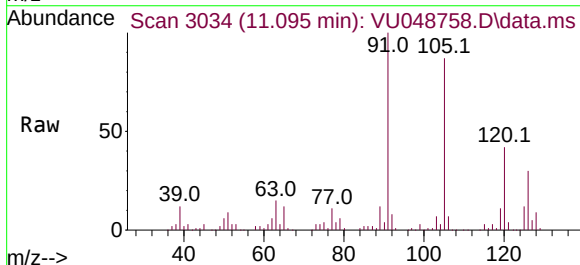
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

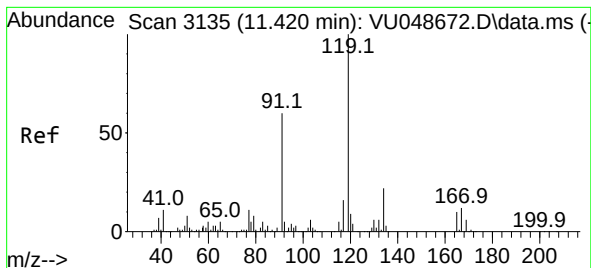
Tgt Ion: 75 Resp: 30763
Ion Ratio Lower Upper
75 100
53 94.1 72.5 108.7
89 45.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.687 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 91 Resp: 241997
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.2





#83

tert-Butylbenzene

Concen: 21.756 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

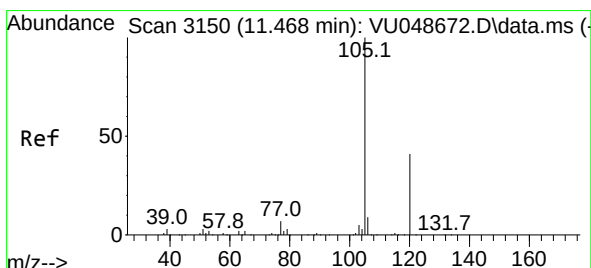
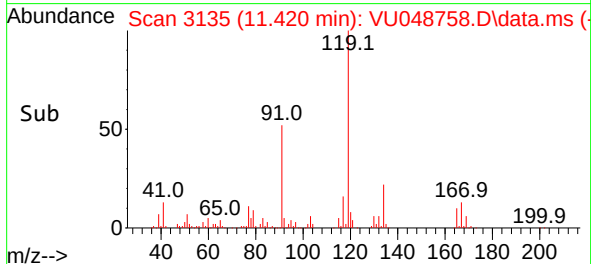
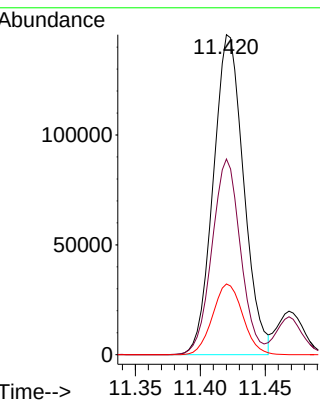
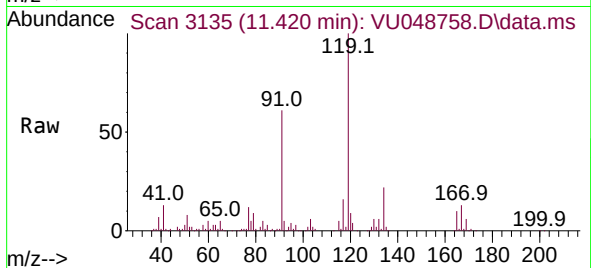
Tgt Ion:119 Resp: 236999

Ion Ratio Lower Upper

119 100

91 57.6 28.7 86.1

134 22.0 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 20.353 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048758.D

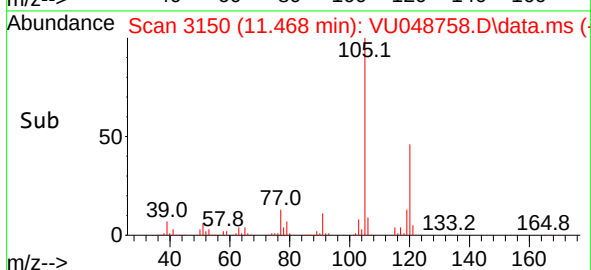
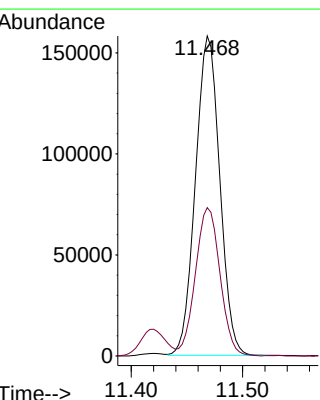
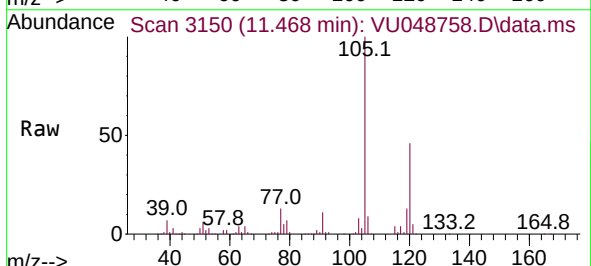
Acq: 31 May 2022 23:26

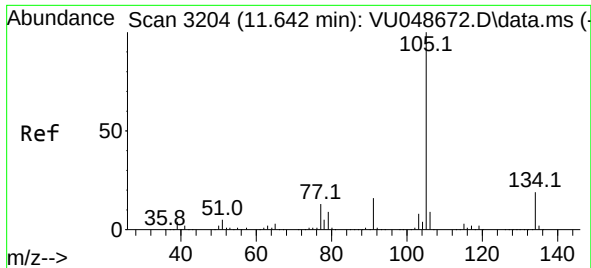
Tgt Ion:105 Resp: 240148

Ion Ratio Lower Upper

105 100

120 47.2 22.5 67.5

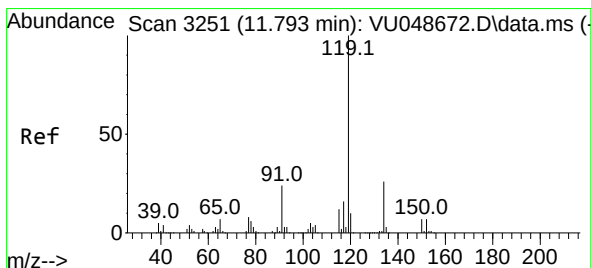
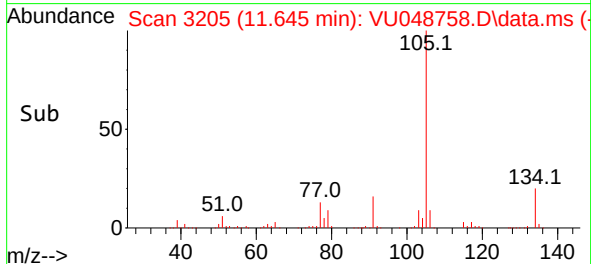
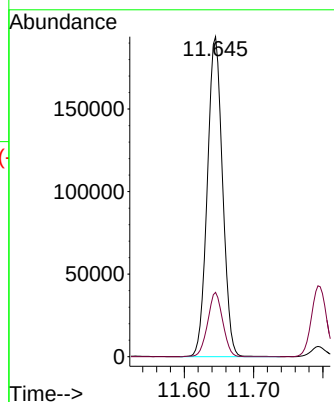
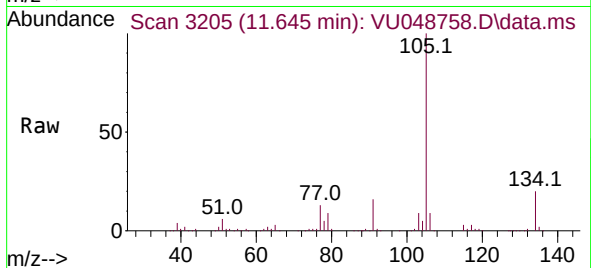




#85
 sec-Butylbenzene
 Concen: 21.584 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048758.D
 Acq: 31 May 2022 23:26

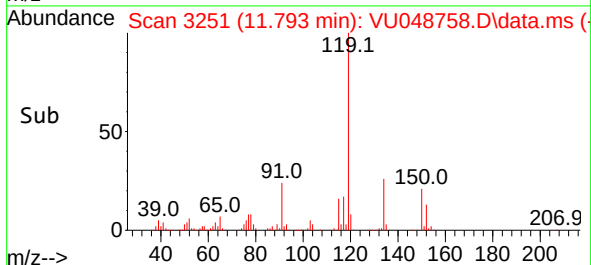
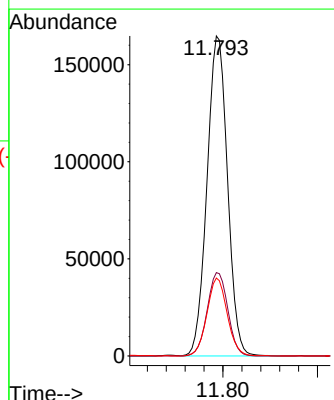
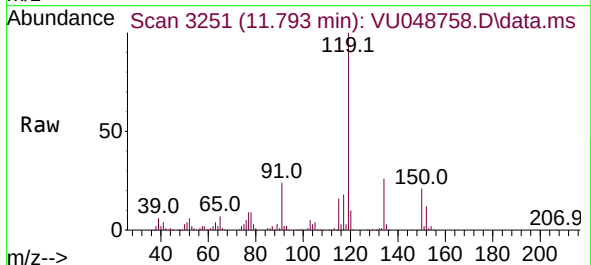
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS02

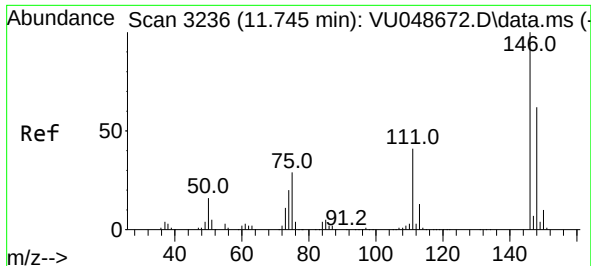
Tgt Ion:105 Resp: 294148
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 21.182 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048758.D
 Acq: 31 May 2022 23:26

Tgt Ion:119 Resp: 247902
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.4
 91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 20.589 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

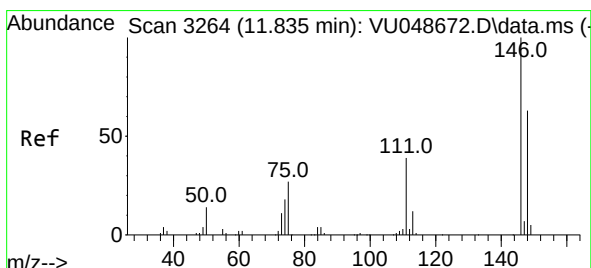
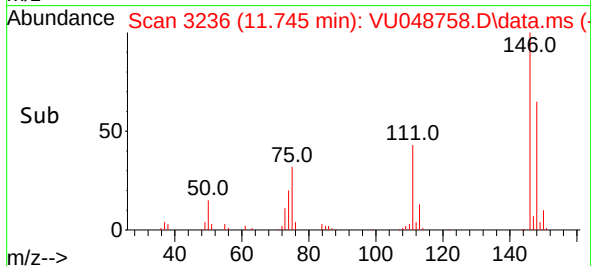
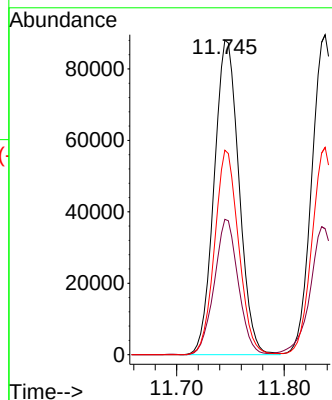
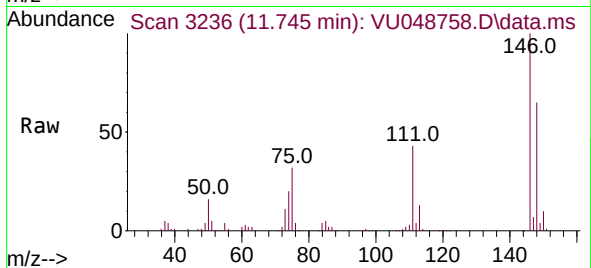
Tgt Ion:146 Resp: 141493

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

148 62.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.043 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

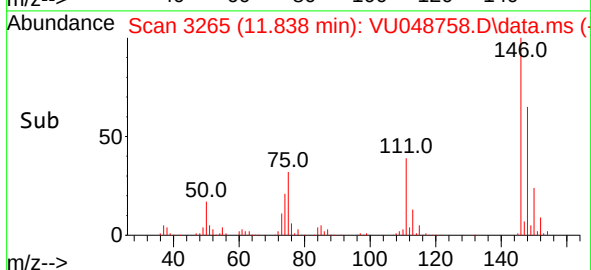
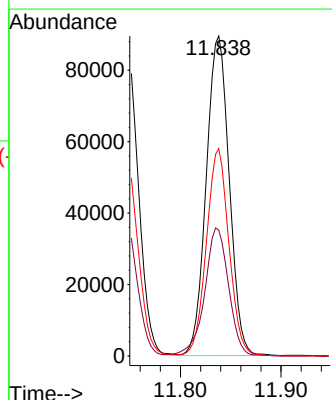
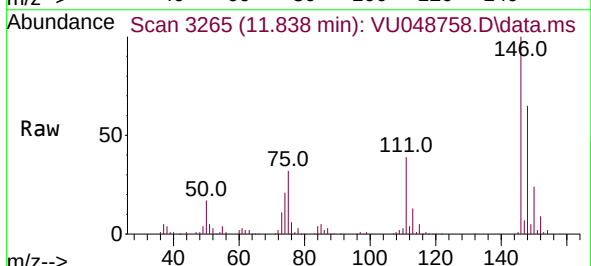
Tgt Ion:146 Resp: 142307

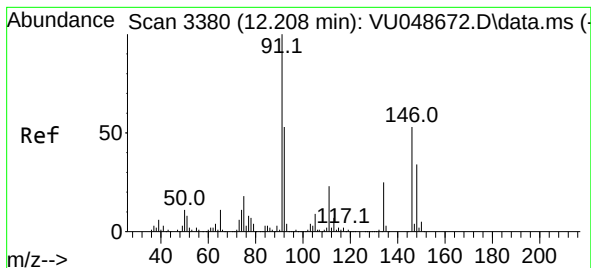
Ion Ratio Lower Upper

146 100

111 41.8 20.2 60.6

148 63.9 32.4 97.0





#89

n-Butylbenzene

Concen: 19.714 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

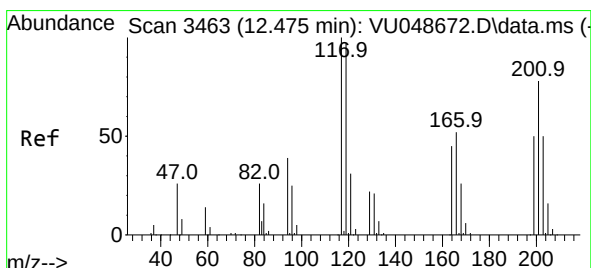
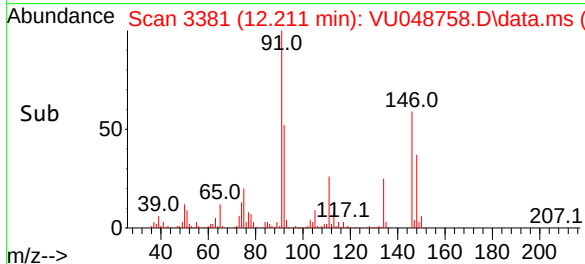
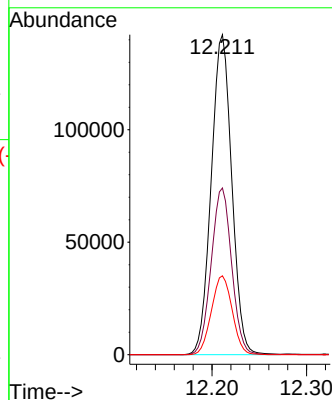
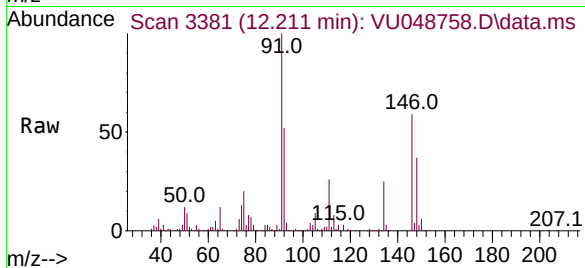
Tgt Ion: 91 Resp: 214716

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 24.9 12.5 37.5



#90

Hexachloroethane

Concen: 18.832 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.003 min

Lab File: VU048758.D

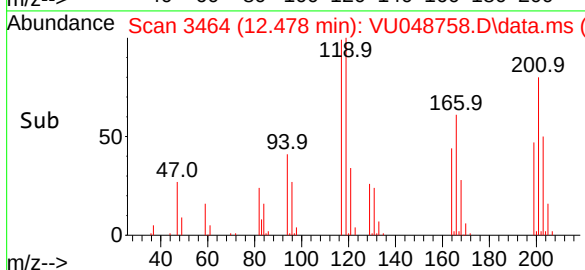
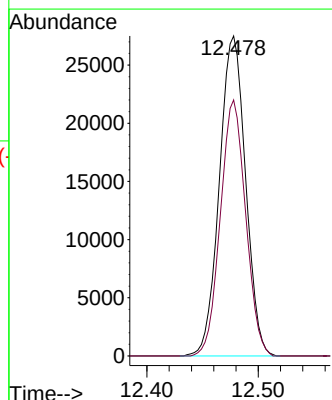
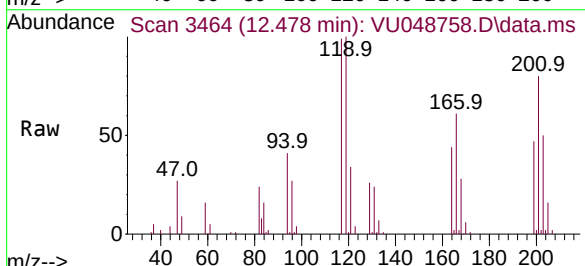
Acq: 31 May 2022 23:26

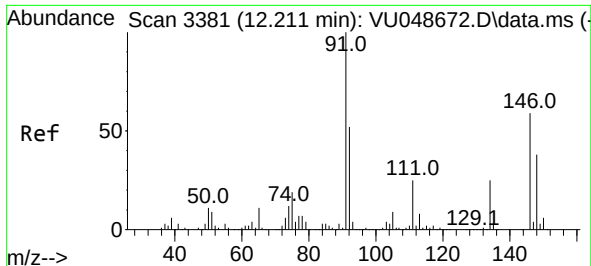
Tgt Ion: 117 Resp: 44979

Ion Ratio Lower Upper

117 100

201 77.2 39.6 119.0

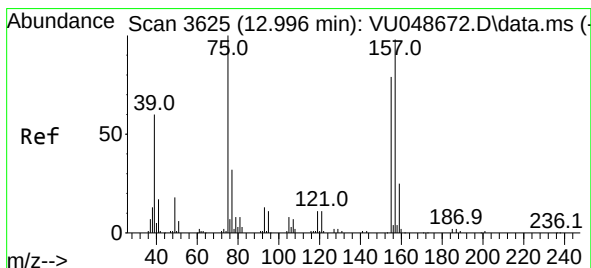
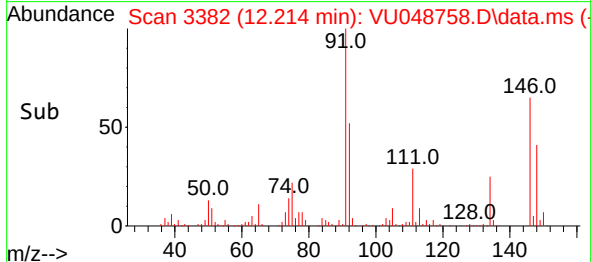
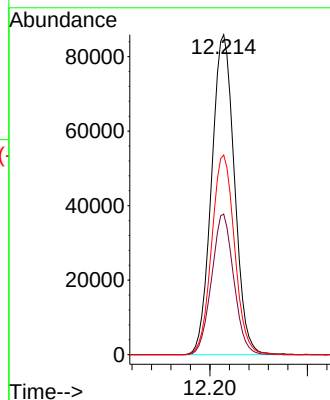
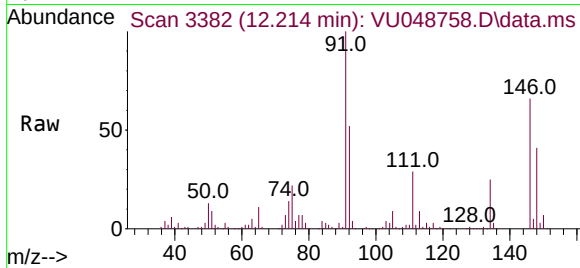




#91
1,2-Dichlorobenzene
Concen: 20.125 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

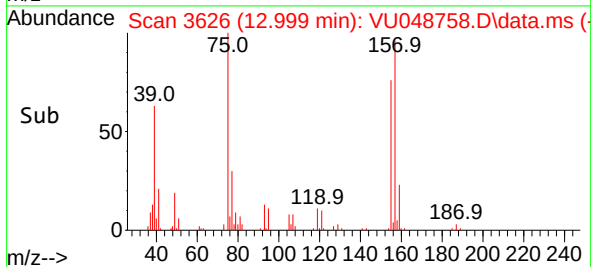
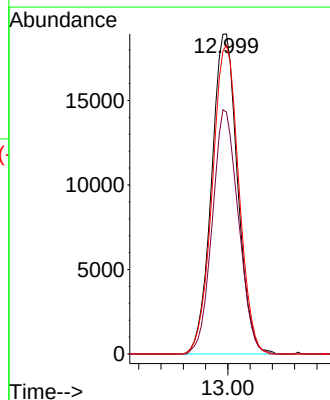
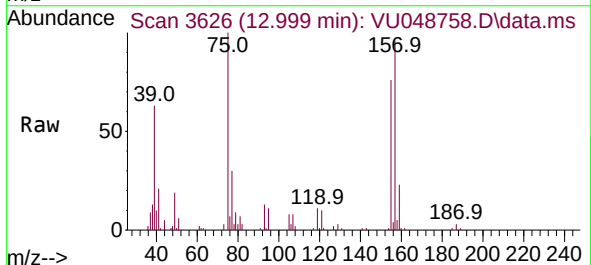
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

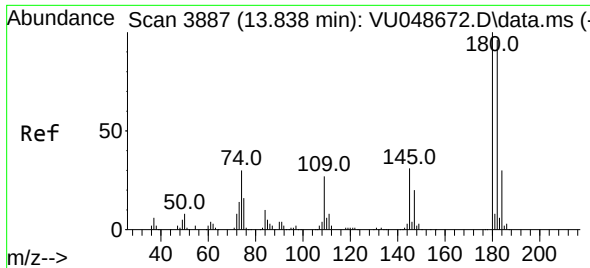
Tgt Ion:146 Resp: 139716
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.3
148 62.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.048 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU048758.D
Acq: 31 May 2022 23:26

Tgt Ion: 75 Resp: 30744
Ion Ratio Lower Upper
75 100
155 76.5 40.3 120.8
157 98.2 50.0 150.0

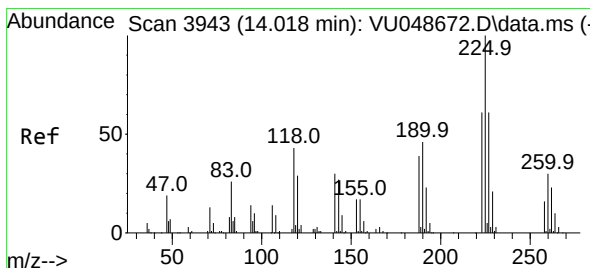
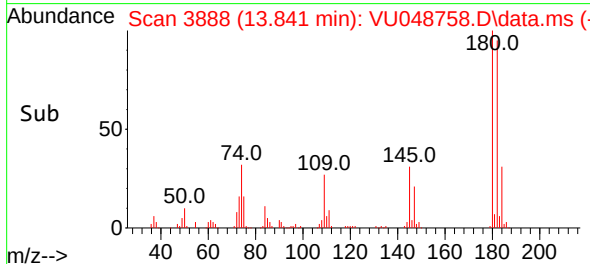
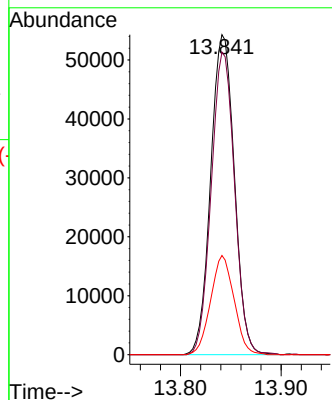
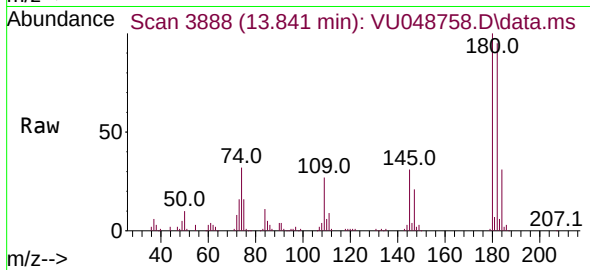




#93
 1,2,4-Trichlorobenzene
 Concen: 19.477 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048758.D
 Acq: 31 May 2022 23:26

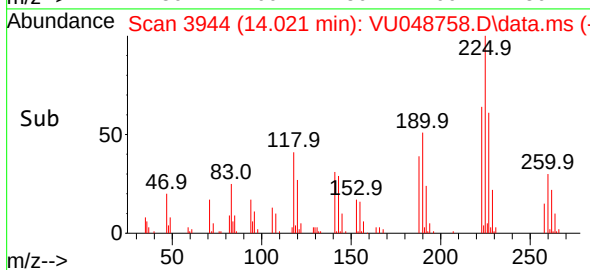
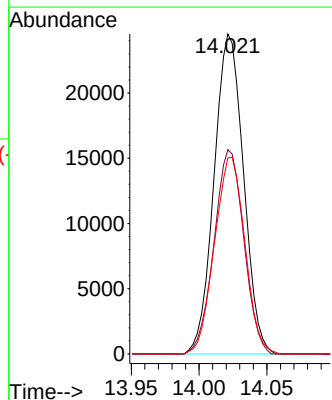
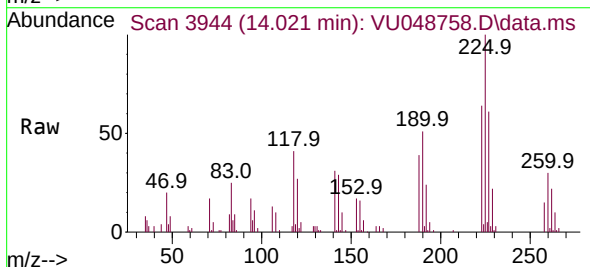
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS02

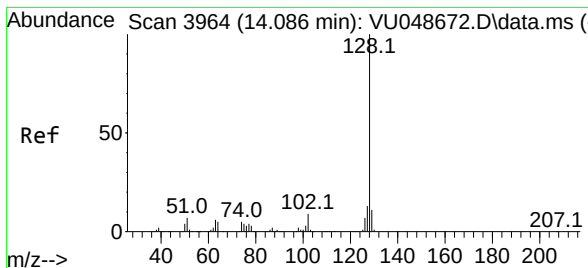
Tgt Ion:180 Resp: 88735
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.3 144.9
 145 30.7 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 16.943 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.003 min
 Lab File: VU048758.D
 Acq: 31 May 2022 23:26

Tgt Ion:225 Resp: 36997
 Ion Ratio Lower Upper
 225 100
 223 64.5 30.9 92.8
 227 63.5 31.1 93.5





#95

Naphthalene

Concen: 19.574 ug/l

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

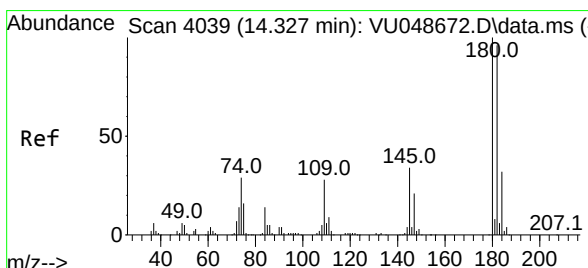
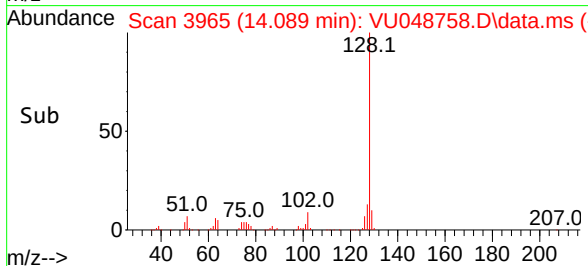
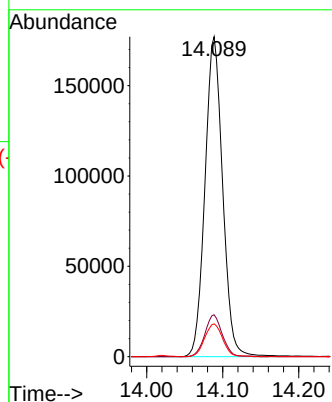
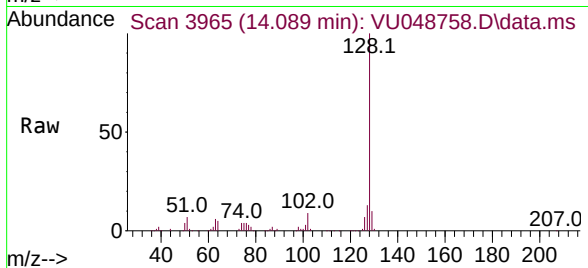
Tgt Ion:128 Resp: 285643

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.771 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048758.D

Acq: 31 May 2022 23:26

Tgt Ion:180 Resp: 89211

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.2

145 33.8 16.6 49.8

