

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048703.D
 Acq On : 27 May 2022 18:59
 Operator : SY/MD
 Sample : N3064-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MS

Quant Time: May 28 00:23:21 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	231251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	396371	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	371188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	199351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	174362	50.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.420%
35) Dibromofluoromethane	5.288	113	138564	49.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	7.899	98	504569	49.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	10.632	95	191156	49.863	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	128410	48.506	ug/l	99
3) Chloromethane	1.523	50	168714	49.506	ug/l	98
4) Vinyl Chloride	1.604	62	165617	52.470	ug/l	100
5) Bromomethane	1.845	94	68158	37.732	ug/l	99
6) Chloroethane	1.928	64	97033	56.300	ug/l	99
7) Trichlorofluoromethane	2.137	101	215529	47.811	ug/l	98
8) Diethyl Ether	2.375	74	84855	51.009	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.578	101	118571	48.051	ug/l	99
10) Methyl Iodide	2.719	142	162462	44.665	ug/l	99
11) Tert butyl alcohol	3.173	59	242118	274.981	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	120108	51.030	ug/l	97
13) Acrolein	2.485	56	41996	142.096	ug/l	98
14) Allyl chloride	2.922	41	227957	50.005	ug/l	97
15) Acrylonitrile	3.308	53	559346	292.909	ug/l	98
16) Acetone	2.620	43	484704	273.859	ug/l	99
17) Carbon Disulfide	2.790	76	330026	48.033	ug/l	100
18) Methyl Acetate	2.945	43	216396	48.696	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	483115	54.097	ug/l	99
20) Methylene Chloride	3.044	84	153865	51.122	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	134494	49.955	ug/l	96
22) Diisopropyl ether	3.993	45	478177	56.865	ug/l	90
23) Vinyl Acetate	3.954	43	1581566	217.079	ug/l	99
24) 1,1-Dichloroethane	3.871	63	278339	52.703	ug/l	100
25) 2-Butanone	4.697	43	757848	298.057	ug/l	99
26) 2,2-Dichloropropane	4.665	77	111524	23.538	ug/l	96
27) cis-1,2-Dichloroethene	4.668	96	160991	51.661	ug/l	92
28) Bromochloromethane	4.973	49	109107	52.670	ug/l	98
29) Tetrahydrofuran	5.047	42	486374	303.683	ug/l	97
30) Chloroform	5.089	83	298117	56.415	ug/l	99
31) Cyclohexane	5.388	56	220228	50.318	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	235372	49.095	ug/l	99
36) 1,1-Dichloropropene	5.526	75	195982	47.486	ug/l	100
37) Ethyl Acetate	4.803	43	214019	41.020	ug/l	99
38) Carbon Tetrachloride	5.523	117	210748	44.510	ug/l	98
39) Methylcyclohexane	6.764	83	202609	46.820	ug/l	98
40) Benzene	5.774	78	571278	46.886	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	143868	54.567	ug/l	99
42) 1,2-Dichloroethane	5.793	62	220212	46.170	ug/l	100
43) Isopropyl Acetate	5.909	43	339772	44.868	ug/l	100
44) Trichloroethene	6.542	130	148238	47.223	ug/l	99
45) 1,2-Dichloropropane	6.790	63	165976	54.109	ug/l	99
46) Dibromomethane	6.919	93	113354	49.462	ug/l	99
47) Bromodichloromethane	7.105	83	223469	48.218	ug/l	99
48) Methyl methacrylate	6.957	41	183651	54.023	ug/l	98
49) 1,4-Dioxane	6.960	88	85674	1127.372	ug/l	95
51) 4-Methyl-2-Pentanone	7.790	43	1379478	280.547	ug/l	99
52) Toluene	7.970	92	369201	50.658	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	217883	43.582	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	217683	42.020	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	156860	48.767	ug/l	98
56) Ethyl methacrylate	8.333	69	245142	48.322	ug/l	99
57) 1,3-Dichloropropane	8.575	76	268503	49.598	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.436	63	222	29.928	ug/l #	47
59) 2-Hexanone	8.681	43	1101854	272.953	ug/l	99
60) Dibromochloromethane	8.809	129	172199	47.759	ug/l	100
61) 1,2-Dibromoethane	8.925	107	169493	47.848	ug/l	99
64) Tetrachloroethene	8.552	164	124715	48.349	ug/l	97
65) Chlorobenzene	9.446	112	398879	50.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	149169	50.058	ug/l	99
67) Ethyl Benzene	9.571	91	694401	52.443	ug/l	100
68) m/p-Xylenes	9.693	106	544536	105.150	ug/l	99
69) o-Xylene	10.099	106	262675	51.628	ug/l	100
70) Styrene	10.115	104	437477	52.276	ug/l	99
71) Bromoform	10.291	173	140964	51.163	ug/l #	99
73) Isopropylbenzene	10.484	105	671278	52.158	ug/l	99
74) N-amyl acetate	10.320	43	259436	40.320	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	279113	53.143	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	306730	47.721	ug/l	99
77) Bromobenzene	10.783	156	176040	50.932	ug/l	99
78) n-propylbenzene	10.906	91	820548	53.506	ug/l	99
79) 2-Chlorotoluene	10.986	91	496053	52.014	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	587912	52.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	68138	38.491	ug/l	99
82) 4-Chlorotoluene	11.095	91	572958	52.071	ug/l	99
83) tert-Butylbenzene	11.420	119	577496	53.761	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	600751	49.810	ug/l	100
85) sec-Butylbenzene	11.645	105	711866	52.972	ug/l	99
86) p-Isopropyltoluene	11.793	119	614109	53.214	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	338070	49.887	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	338165	48.300	ug/l	99
89) n-Butylbenzene	12.208	91	511767	44.553	ug/l	99
90) Hexachloroethane	12.475	117	105237	44.682	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	326149	47.641	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	78969	52.221	ug/l	100
93) 1,2,4-Trichlorobenzene	13.841	180	215254	47.915	ug/l	99
94) Hexachlorobutadiene	14.021	225	81309	37.761	ug/l	99
95) Naphthalene	14.086	128	753118	48.097	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	219593	49.352	ug/l	100

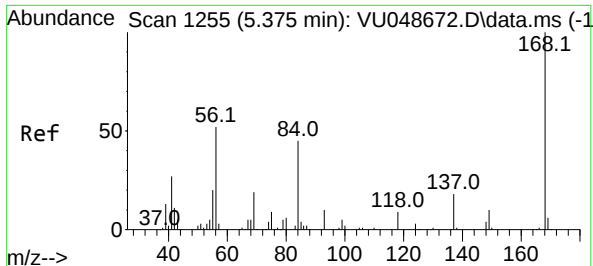
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Response via : Initial Calibration

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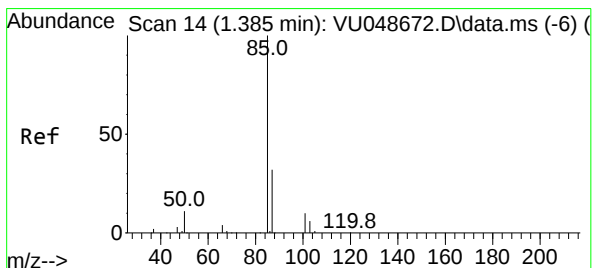
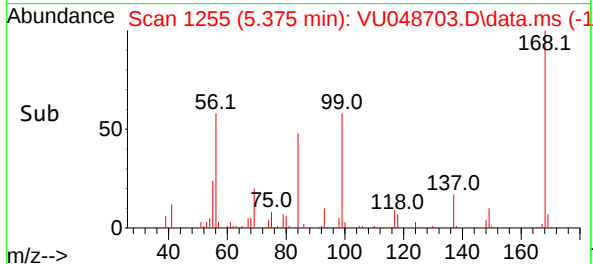
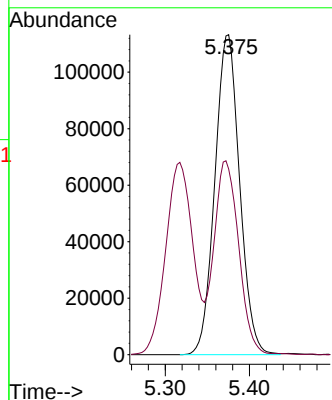
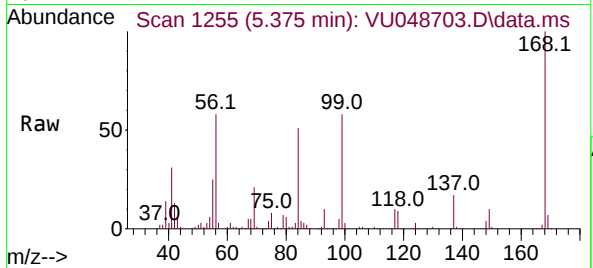
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048703.D
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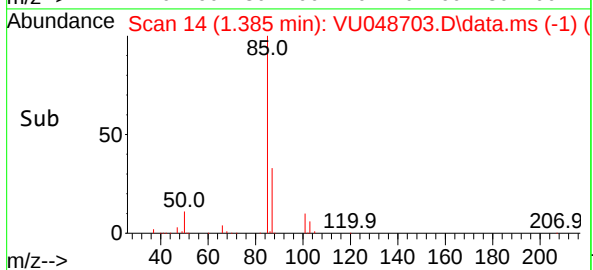
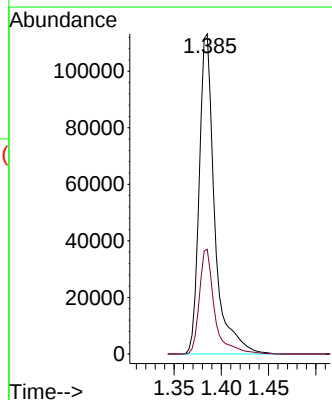
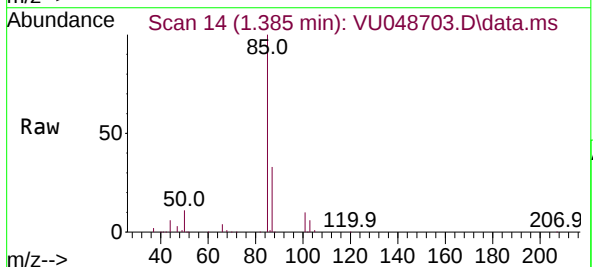
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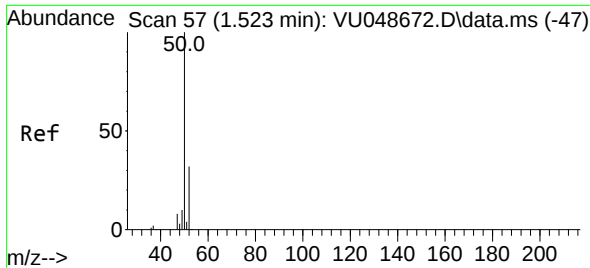
Tgt Ion:168 Resp: 231251
Ion Ratio Lower Upper
168 100
99 57.7 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 48.506 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 85 Resp: 128410
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

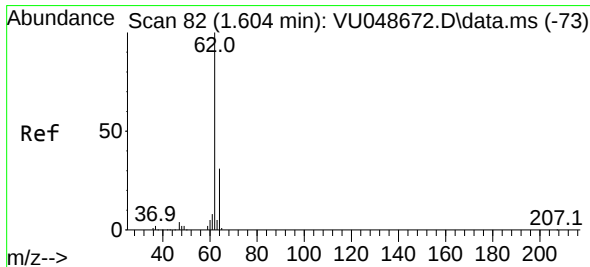
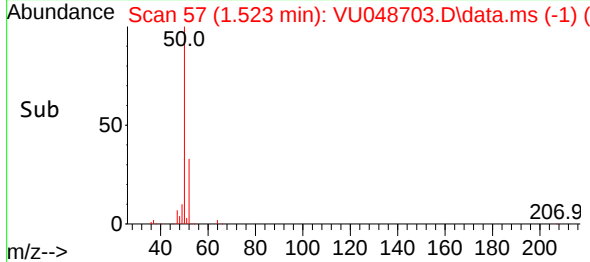
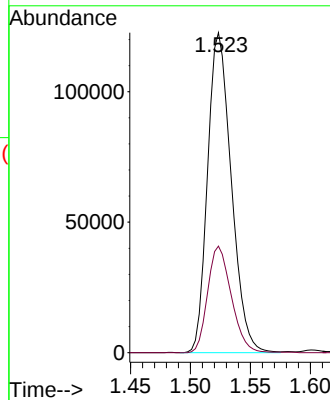
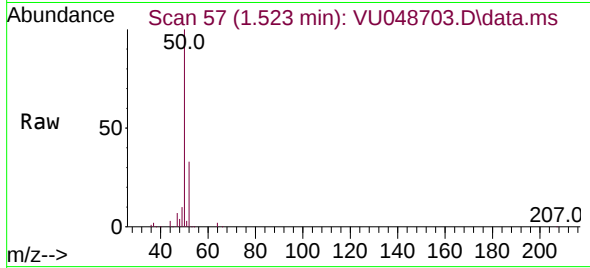




#3
Chloromethane
Concen: 49.506 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

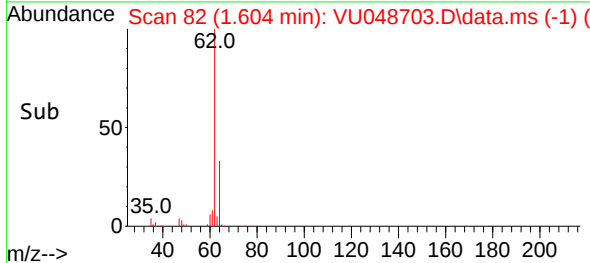
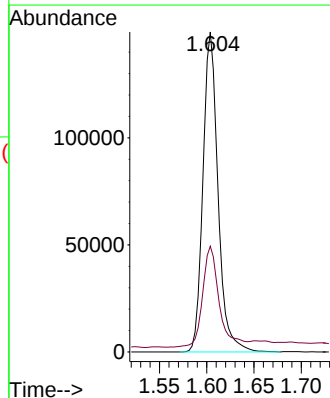
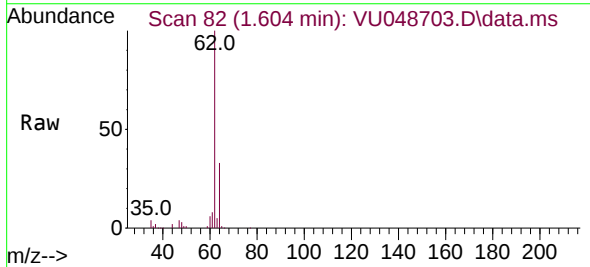
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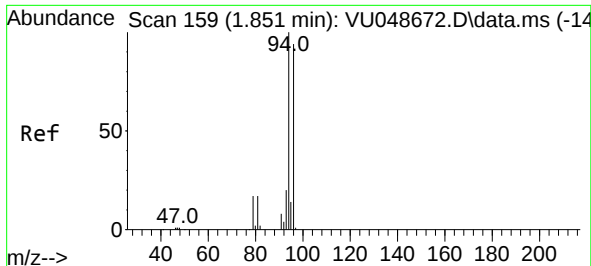
Tgt Ion: 50 Resp: 168714
Ion Ratio Lower Upper
50 100
52 33.3 25.7 38.5



#4
Vinyl Chloride
Concen: 52.470 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 62 Resp: 165617
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8

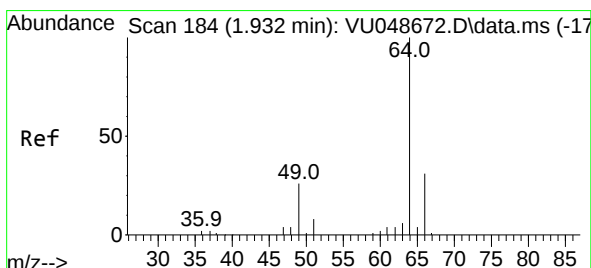
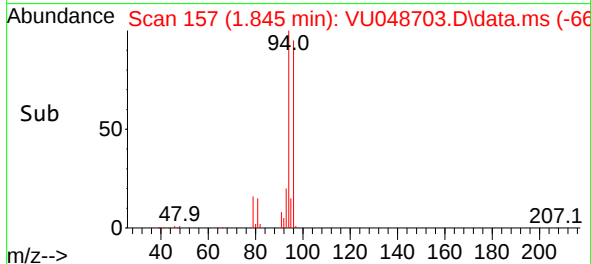
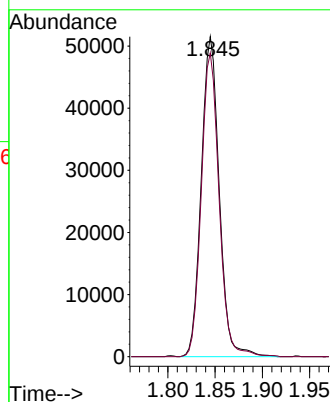
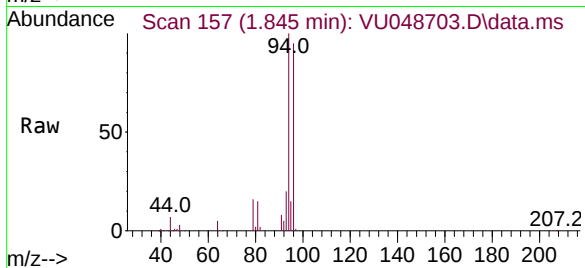




#5
Bromomethane
Concen: 37.732 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

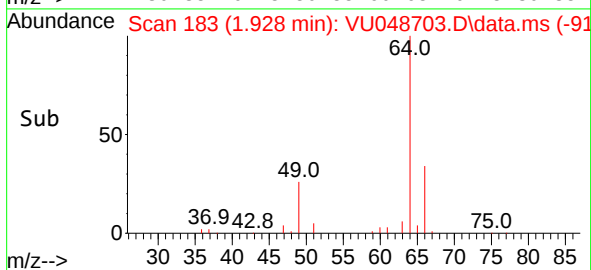
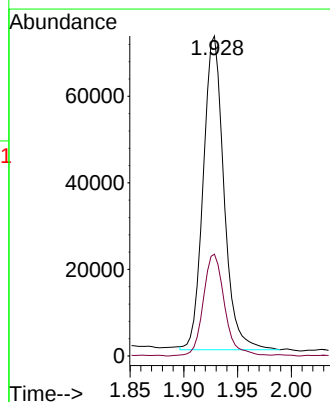
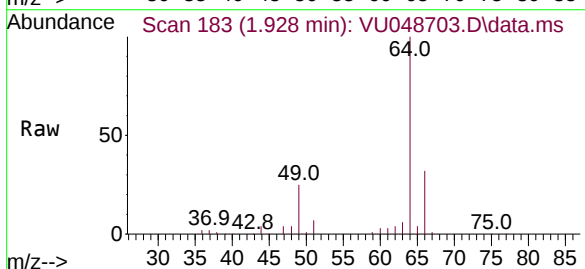
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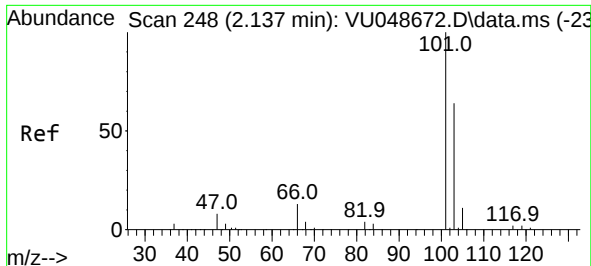
Tgt Ion: 94 Resp: 68158
Ion Ratio Lower Upper
94 100
96 94.9 75.1 112.7



#6
Chloroethane
Concen: 56.300 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.004 min
Lab File: VU048703.D
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Tgt Ion: 64 Resp: 97033
Ion Ratio Lower Upper
64 100
66 32.1 25.2 37.8

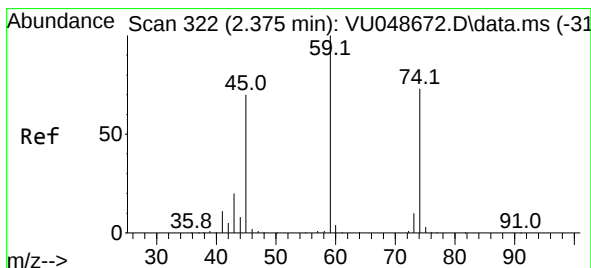
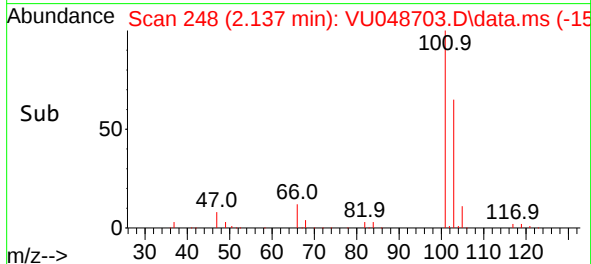
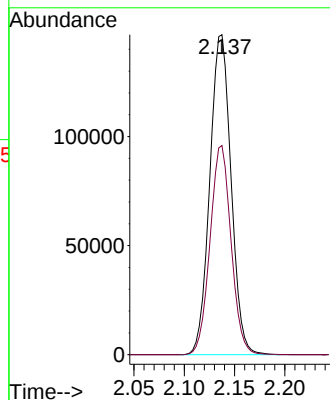
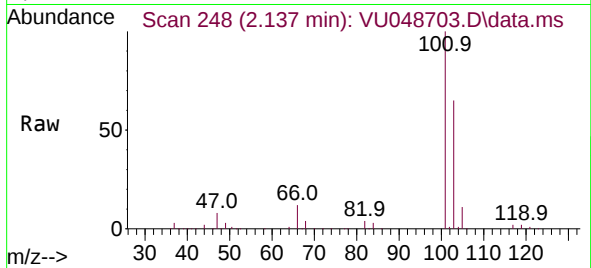




#7
 Trichlorofluoromethane
 Concen: 47.811 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

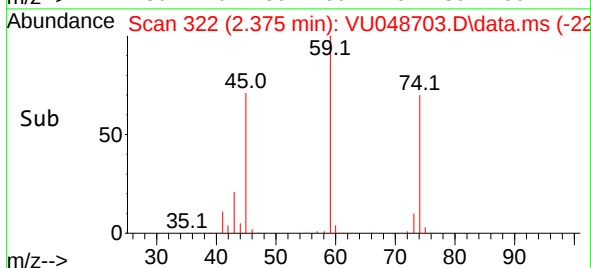
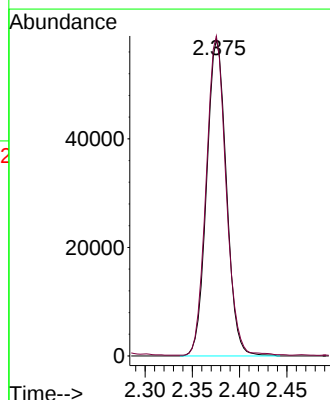
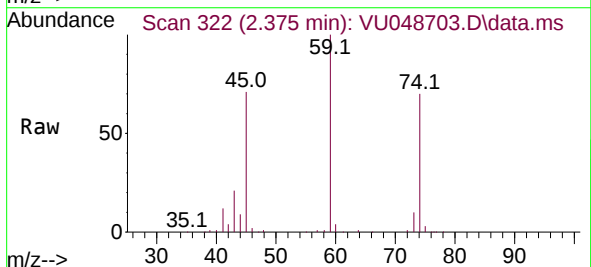
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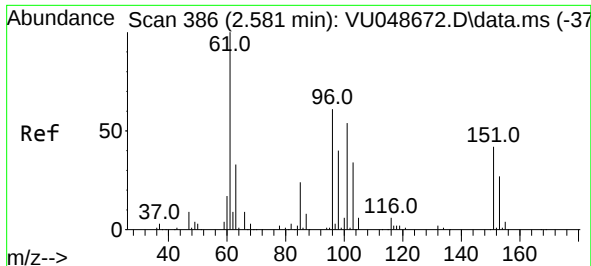
Tgt Ion:101 Resp: 215529
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.0 76.4



#8
 Diethyl Ether
 Concen: 51.009 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

Tgt Ion: 74 Resp: 84855
 Ion Ratio Lower Upper
 74 100
 45 101.4 47.7 143.1

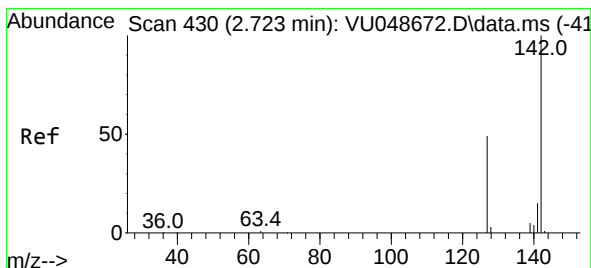
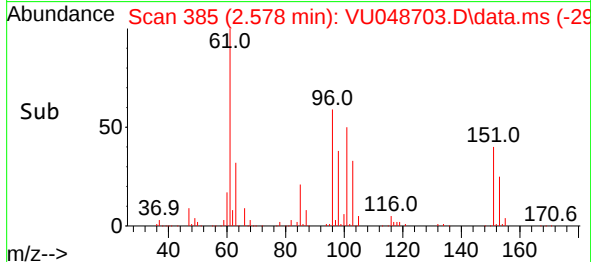
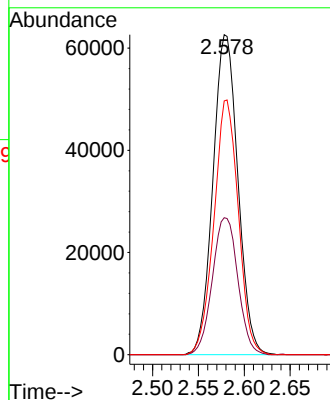
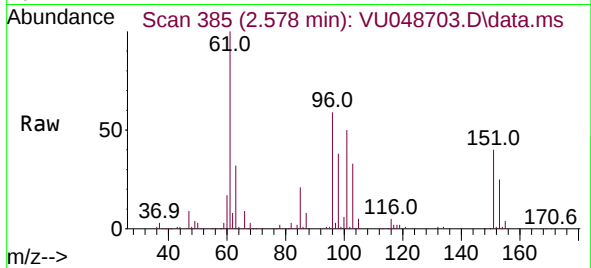




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.051 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048703.D
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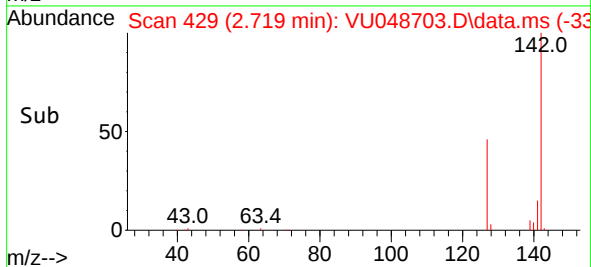
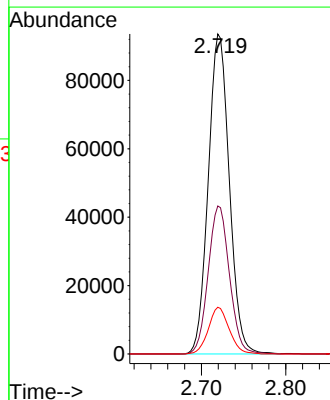
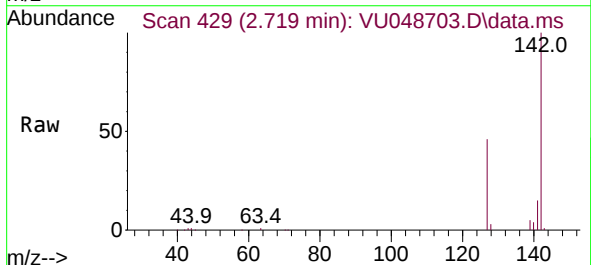
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

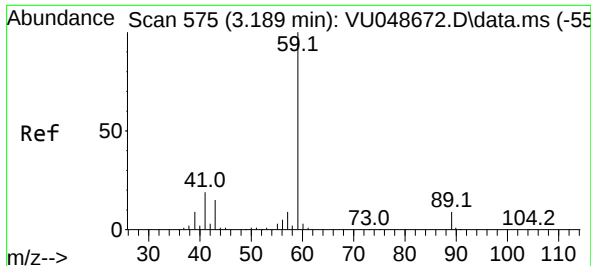
Tgt Ion:101 Resp: 118571
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.2
151 77.6 62.5 93.7



#10
Methyl Iodide
Concen: 44.665 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion:142 Resp: 162462
Ion Ratio Lower Upper
142 100
127 46.7 38.4 57.6
141 14.5 11.5 17.3

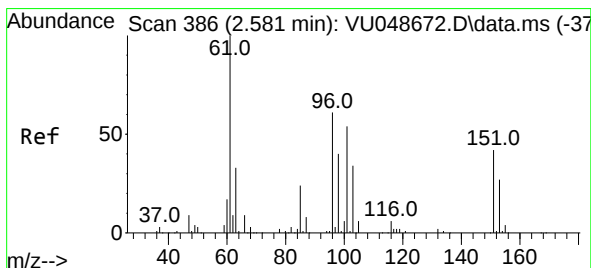
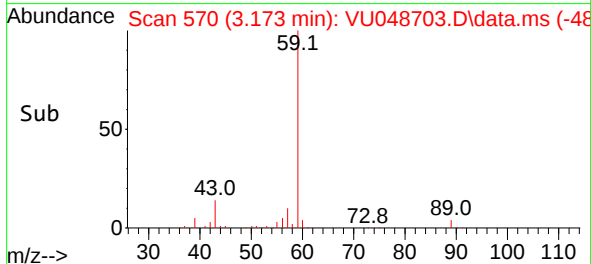
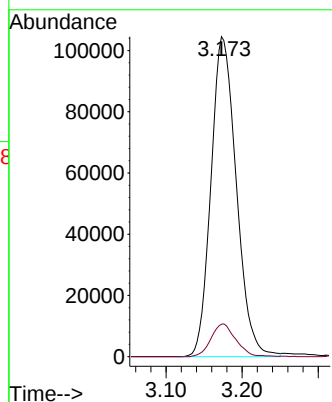
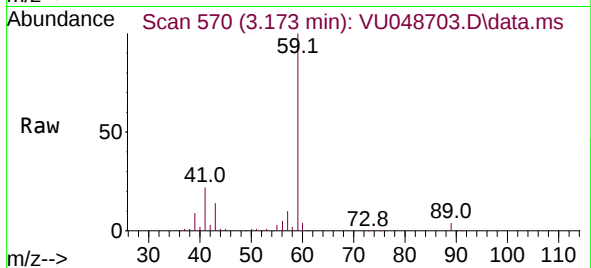




#11
Tert butyl alcohol
Concen: 274.981 ug/l
RT: 3.173 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

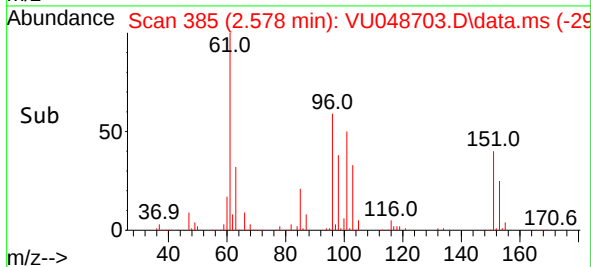
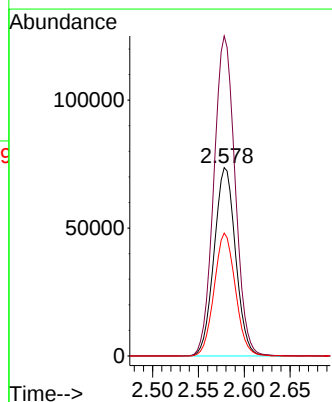
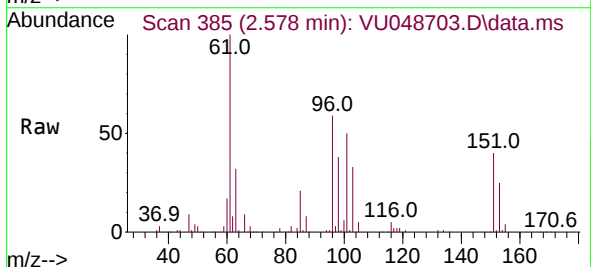
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

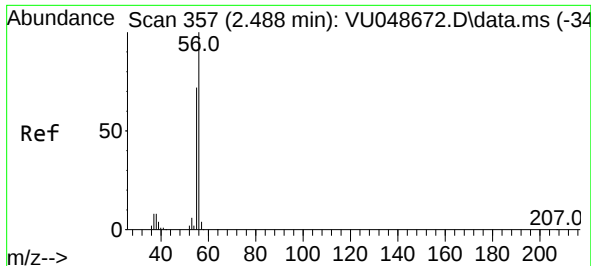
Tgt Ion: 59 Resp: 242118
Ion Ratio Lower Upper
59 100
57 10.1 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 51.030 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 96 Resp: 120108
Ion Ratio Lower Upper
96 100
61 169.9 131.1 196.7
98 65.3 51.8 77.8

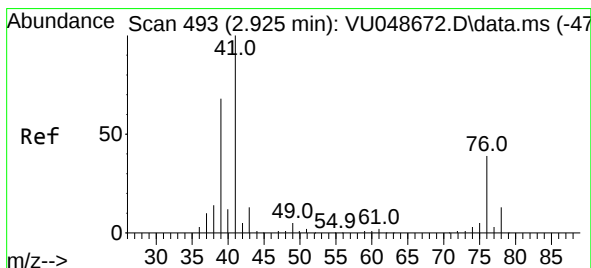
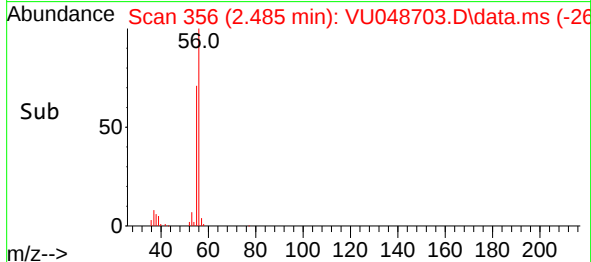
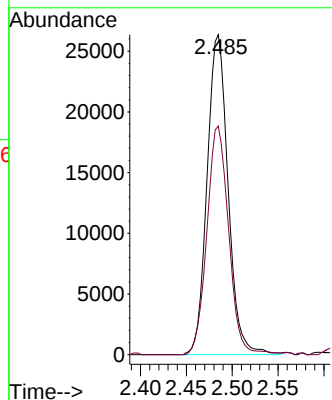
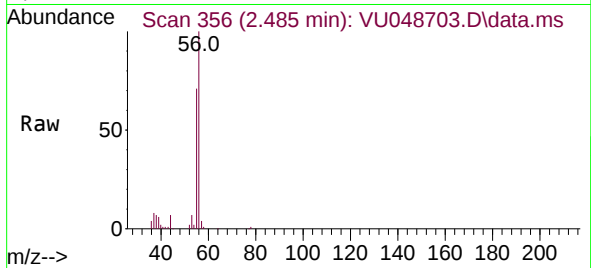




#13
Acrolein
Concen: 142.096 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

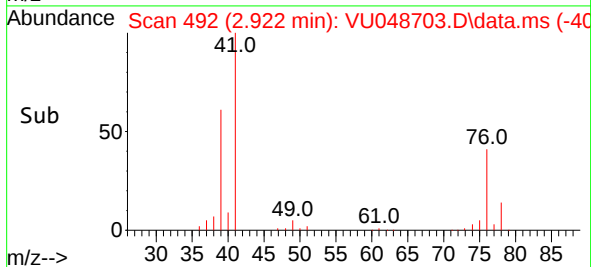
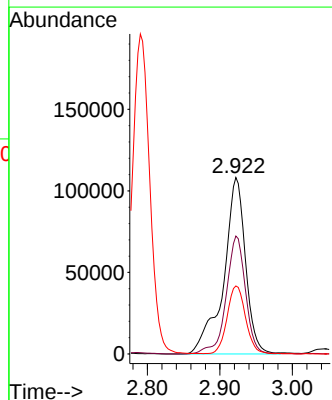
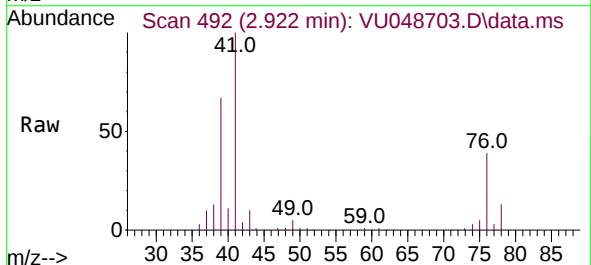
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

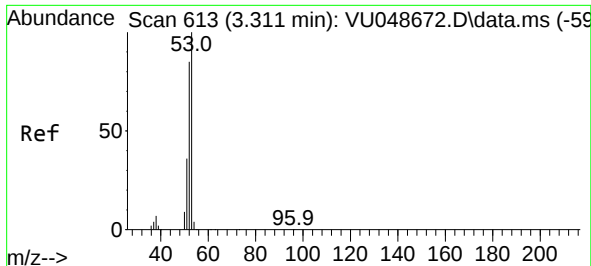
Tgt Ion: 56 Resp: 41996
Ion Ratio Lower Upper
56 100
55 74.1 57.7 86.5



#14
Allyl chloride
Concen: 50.005 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 41 Resp: 227957
Ion Ratio Lower Upper
41 100
39 58.6 48.6 72.8
76 32.0 27.0 40.4

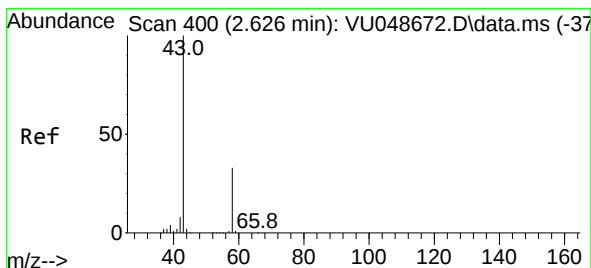
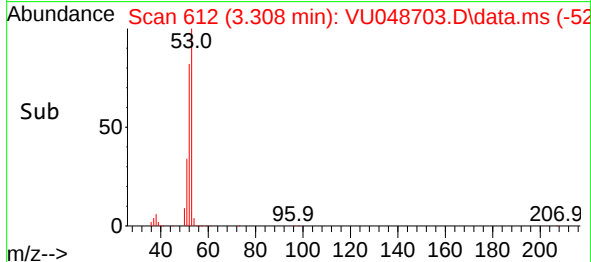
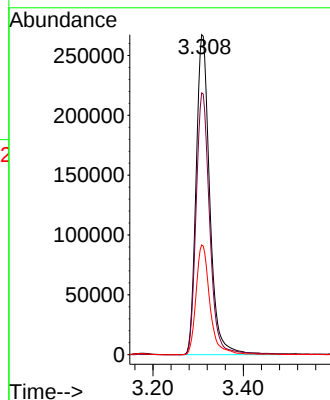
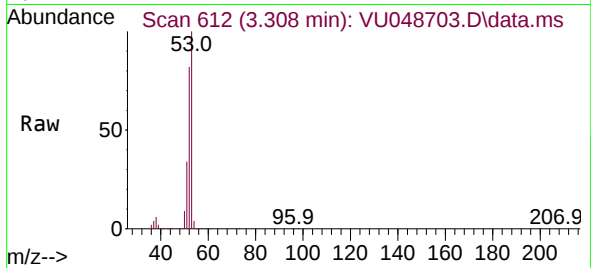




#15
Acrylonitrile
Concen: 292.909 ug/l
RT: 3.308 min Scan# 613
Delta R.T. -0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

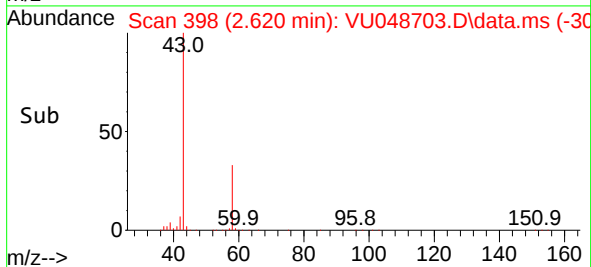
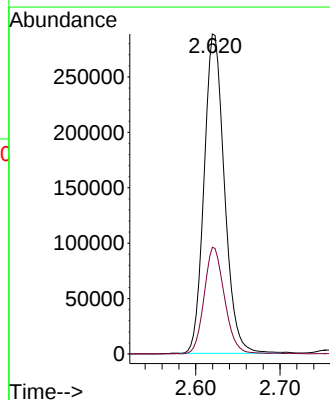
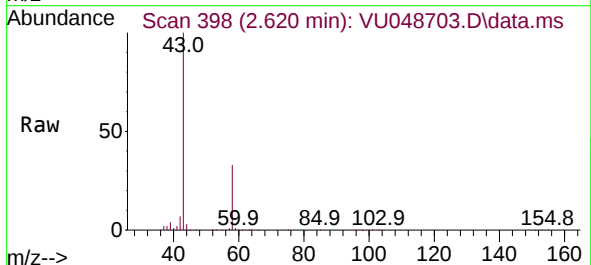
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

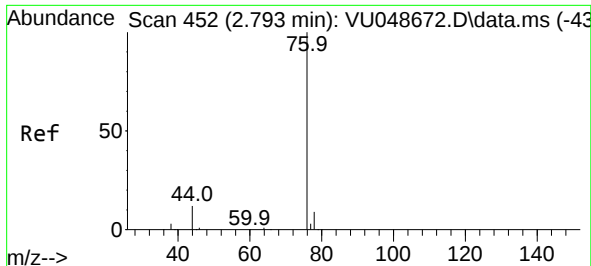
Tgt Ion: 53 Resp: 559346
Ion Ratio Lower Upper
53 100
52 81.2 66.3 99.5
51 34.6 28.6 42.8



#16
Acetone
Concen: 273.859 ug/l
RT: 2.620 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 43 Resp: 484704
Ion Ratio Lower Upper
43 100
58 33.4 26.3 39.5

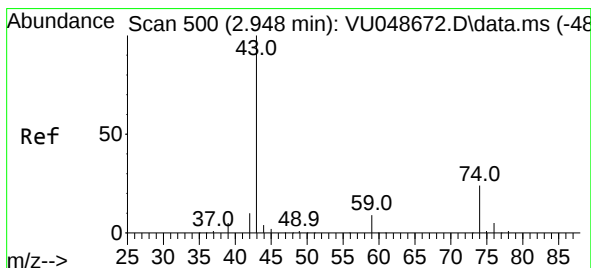
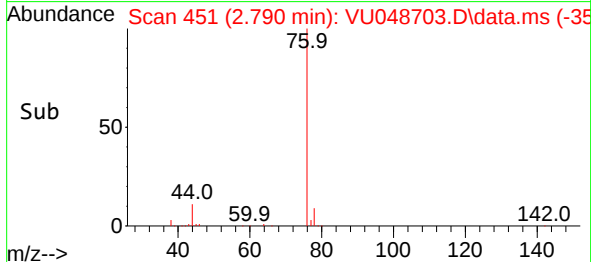
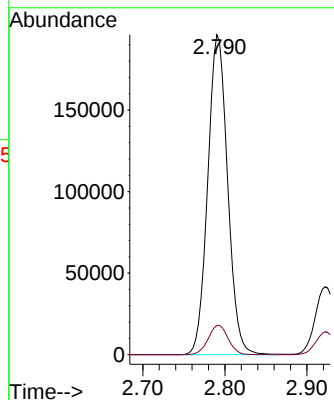
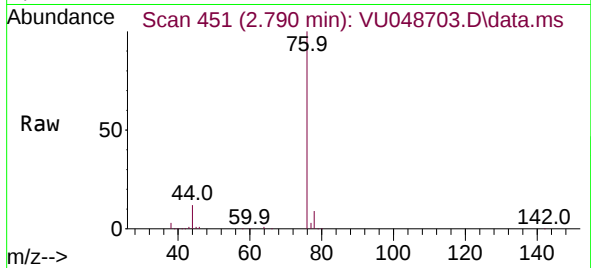




#17
Carbon Disulfide
Concen: 48.033 ug/l
RT: 2.790 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

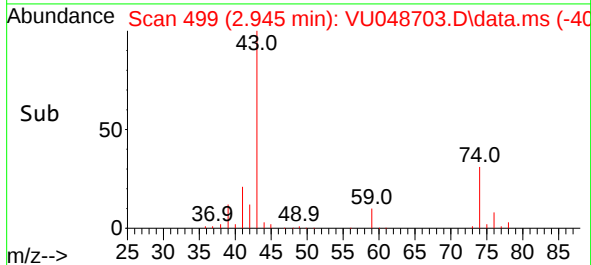
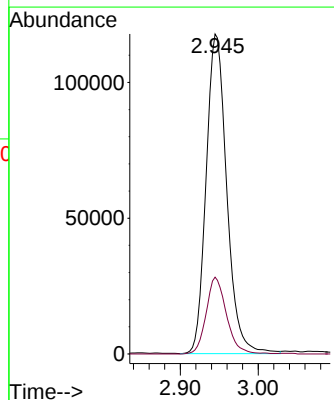
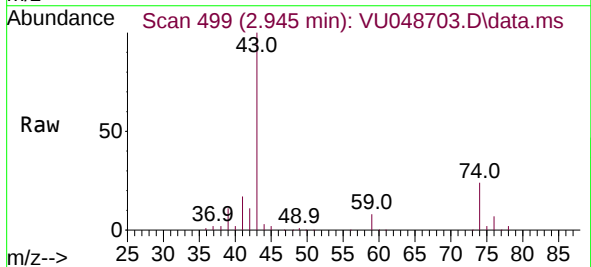
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

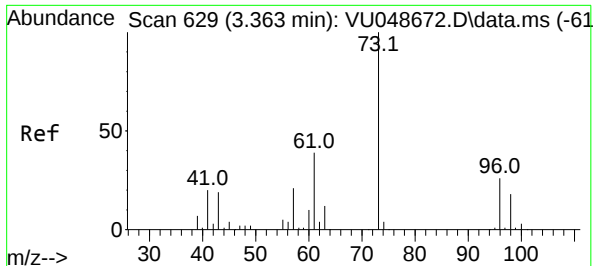
Tgt Ion: 76 Resp: 330026
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 48.696 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 43 Resp: 216396
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 54.097 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

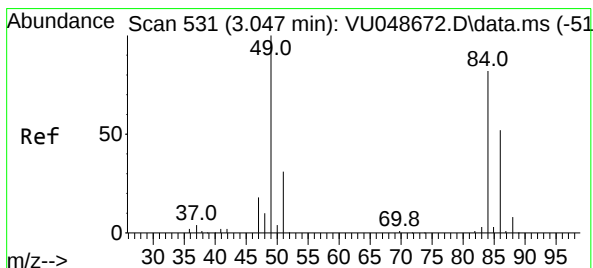
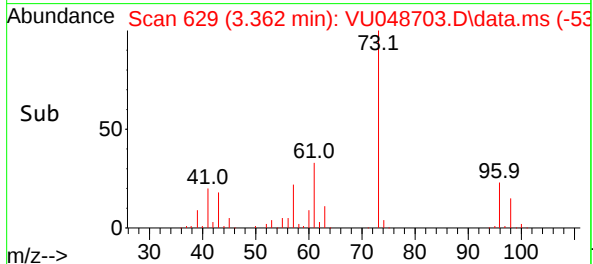
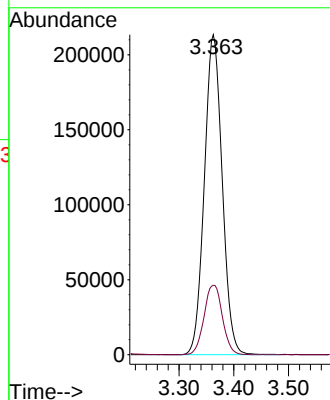
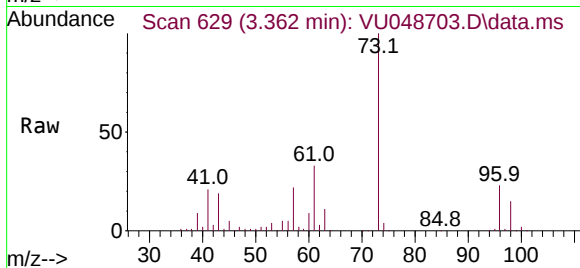
MW-1MS

Tgt Ion: 73 Resp: 483115

Ion Ratio Lower Upper

73 100

57 21.7 17.1 25.7



#20

Methylene Chloride

Concen: 51.122 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Tgt Ion: 84 Resp: 153865

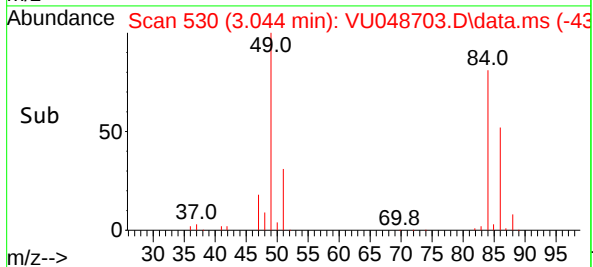
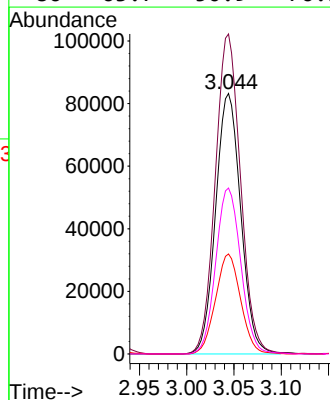
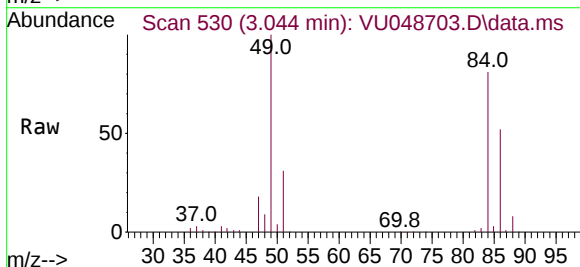
Ion Ratio Lower Upper

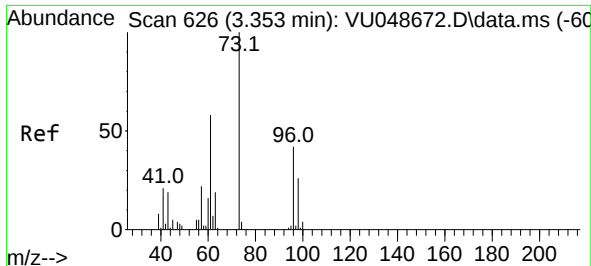
84 100

49 122.9 97.0 145.4

51 38.4 29.8 44.8

86 63.7 50.9 76.3

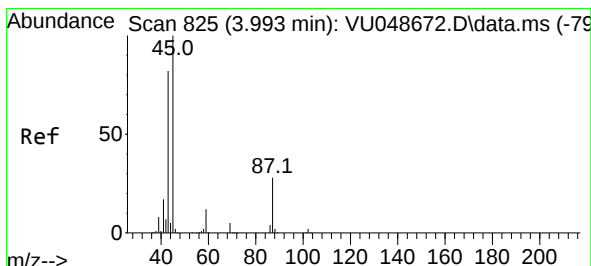
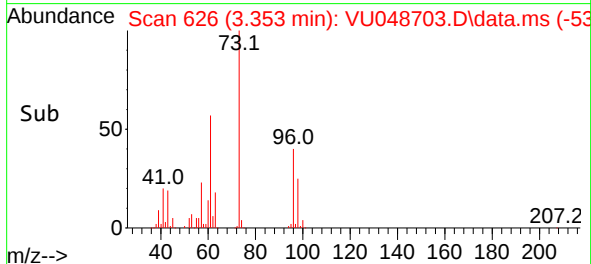
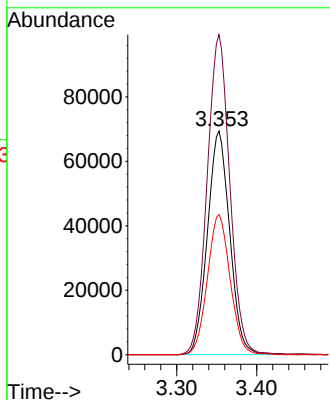
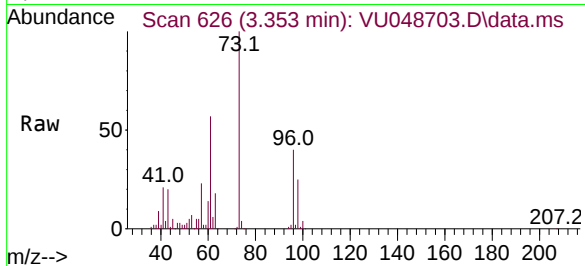




#21
trans-1,2-Dichloroethene
Concen: 49.955 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

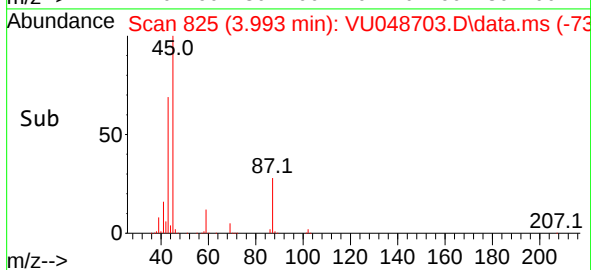
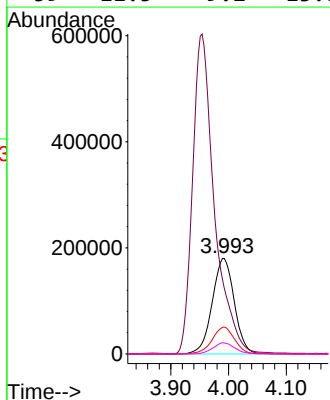
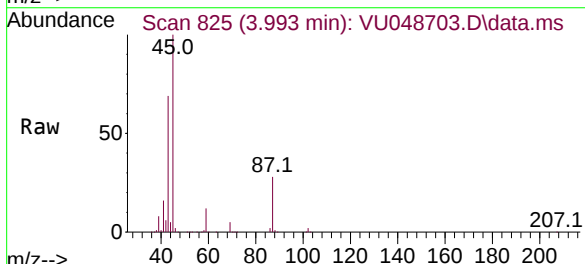
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

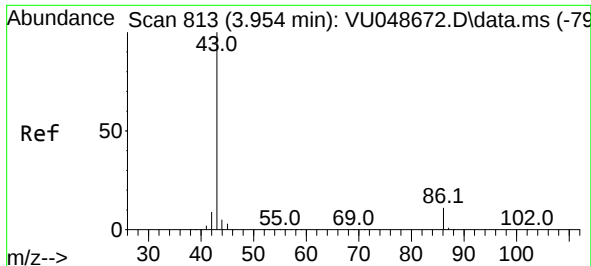
Tgt Ion: 96 Resp: 134494
Ion Ratio Lower Upper
96 100
61 143.1 109.4 164.2
98 62.6 48.9 73.3



#22
Diisopropyl ether
Concen: 56.865 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 45 Resp: 478177
Ion Ratio Lower Upper
45 100
43 67.9 65.2 97.8
87 28.2 22.7 34.1
59 11.5 9.2 13.8

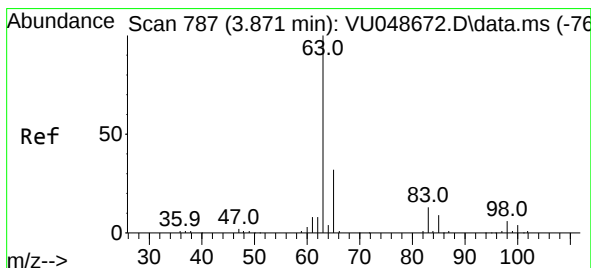
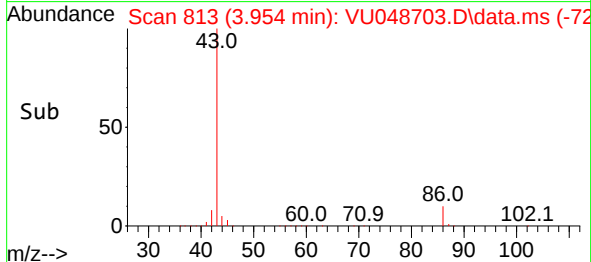
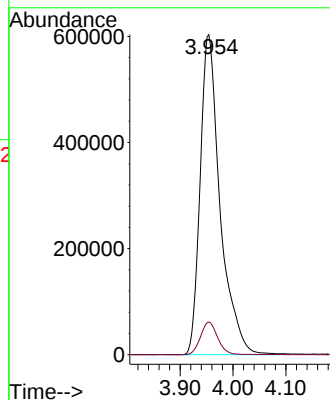
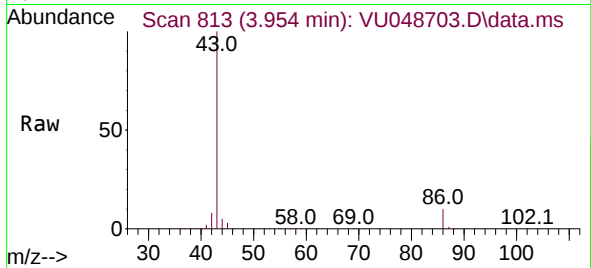




#23
 Vinyl Acetate
 Concen: 217.079 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

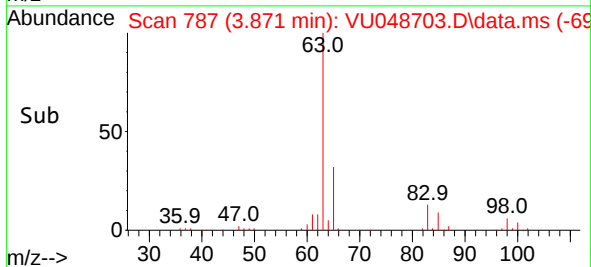
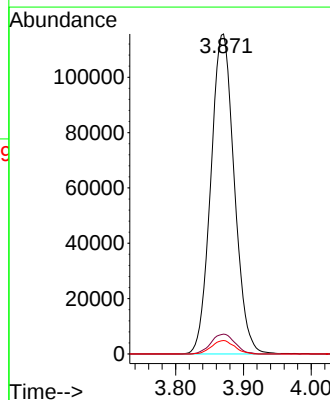
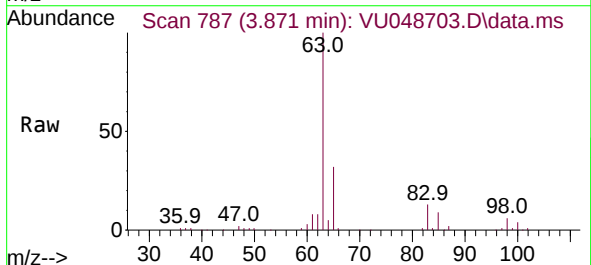
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MS

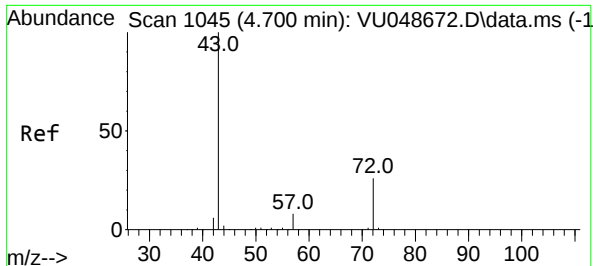
Tgt Ion: 43 Resp: 1581566
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 52.703 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

Tgt Ion: 63 Resp: 278339
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 298.057 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

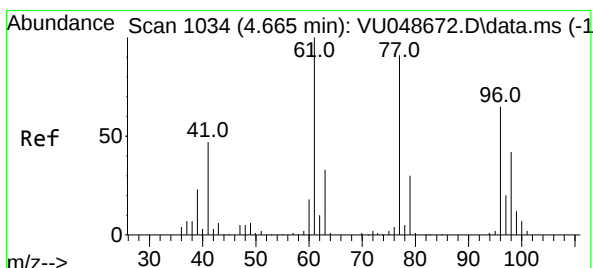
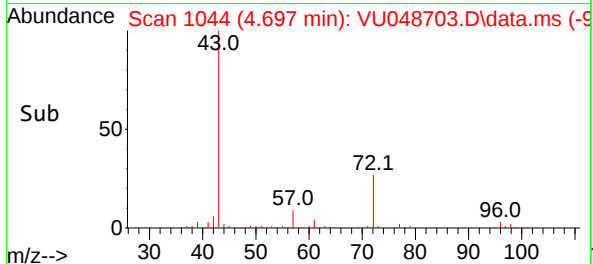
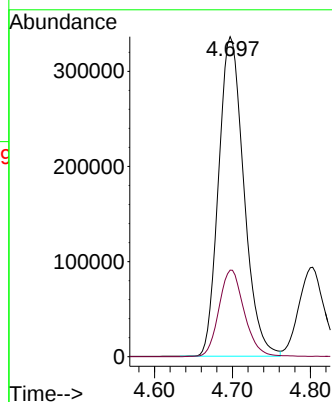
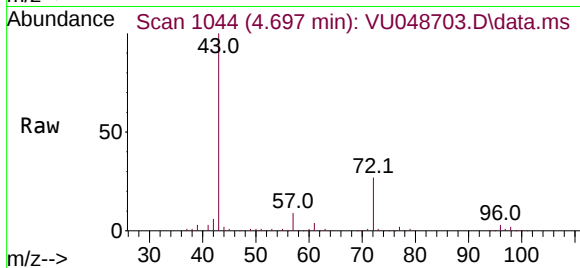
MW-1MS

Tgt Ion: 43 Resp: 757848

Ion Ratio Lower Upper

43 100

72 27.1 21.1 31.7



#26

2,2-Dichloropropane

Concen: 23.538 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048703.D

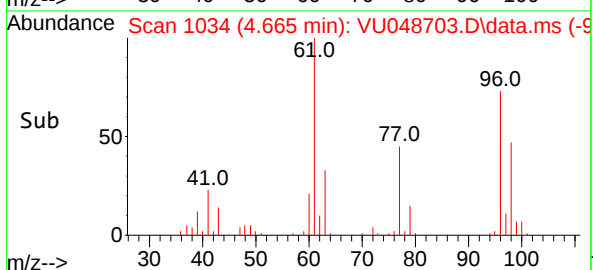
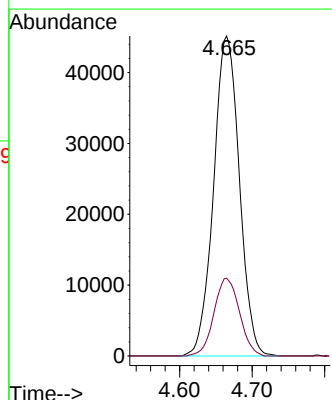
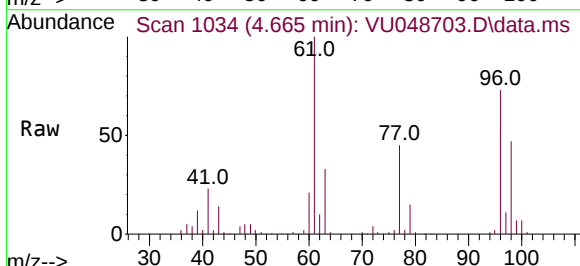
Acq: 27 May 2022 18:59

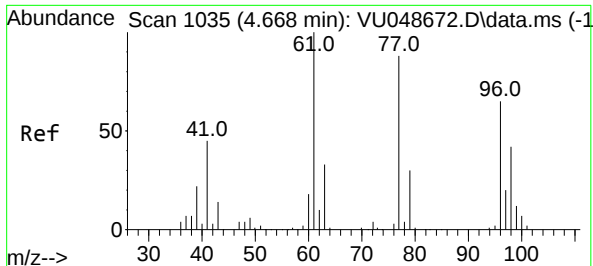
Tgt Ion: 77 Resp: 111524

Ion Ratio Lower Upper

77 100

97 24.1 11.1 33.1

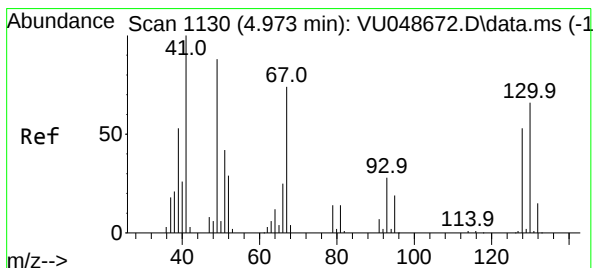
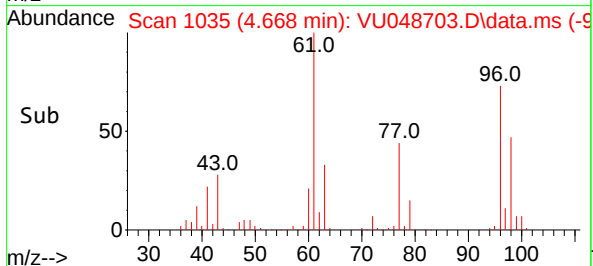
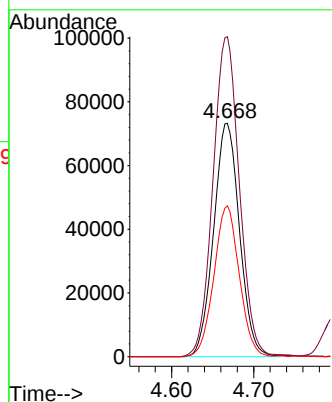
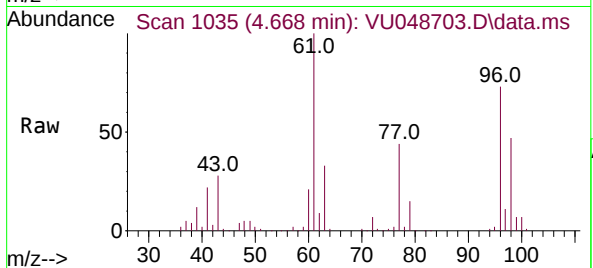




#27
 cis-1,2-Dichloroethene
 Concen: 51.661 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

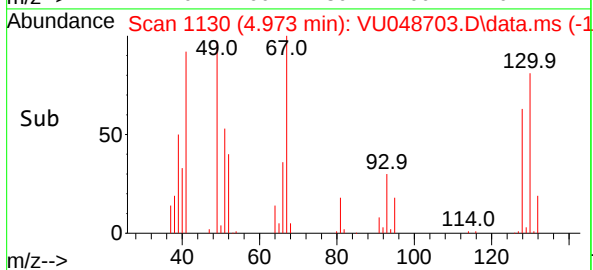
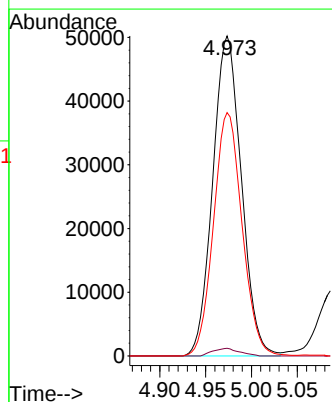
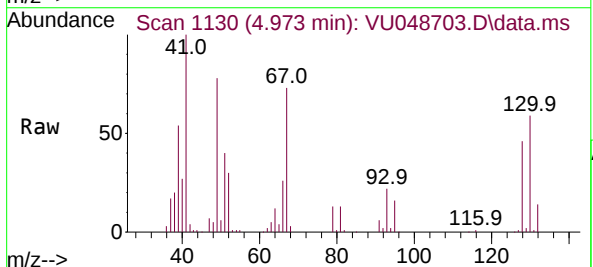
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MS

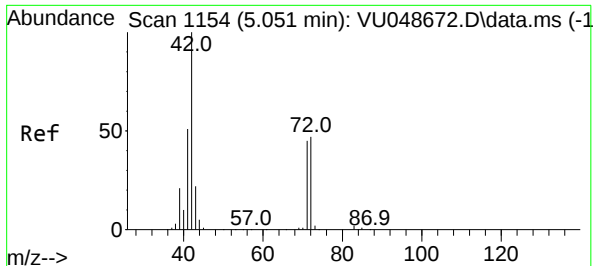
Tgt Ion: 96 Resp: 160991
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 306.2
 98 63.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 52.670 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

Tgt Ion: 49 Resp: 109107
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 75.8 62.1 93.1





#29

Tetrahydrofuran

Concen: 303.683 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

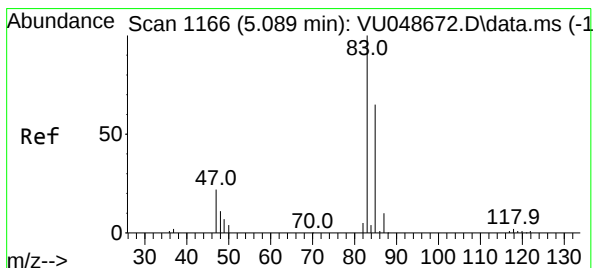
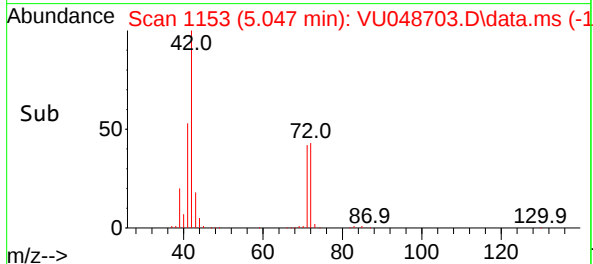
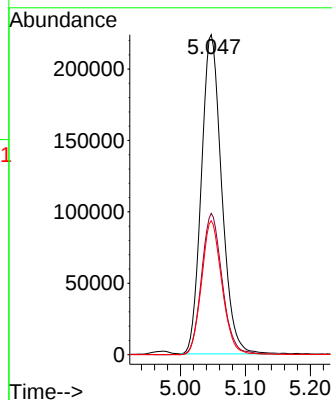
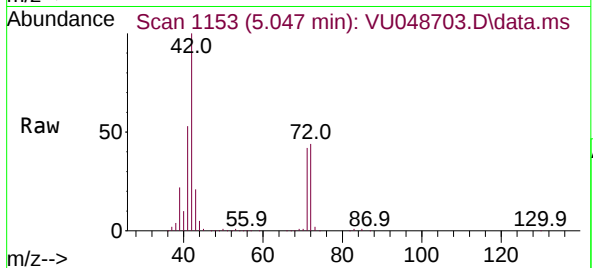
Tgt Ion: 42 Resp: 486374

Ion Ratio Lower Upper

42 100

72 45.2 37.6 56.4

71 41.9 35.0 52.4



#30

Chloroform

Concen: 56.415 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048703.D

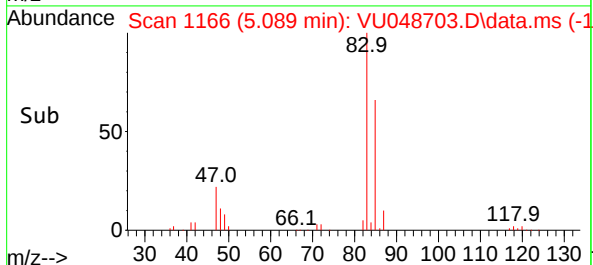
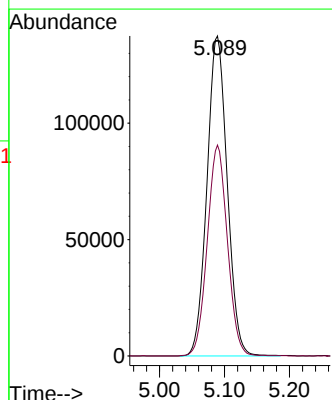
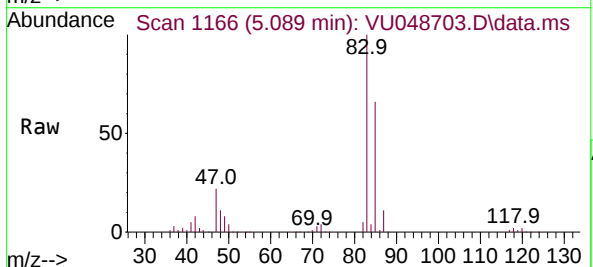
Acq: 27 May 2022 18:59

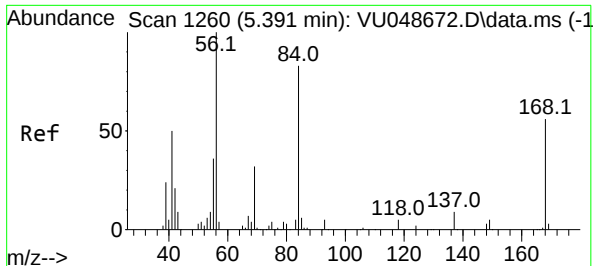
Tgt Ion: 83 Resp: 298117

Ion Ratio Lower Upper

83 100

85 65.8 52.2 78.2





#31

Cyclohexane

Concen: 50.318 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

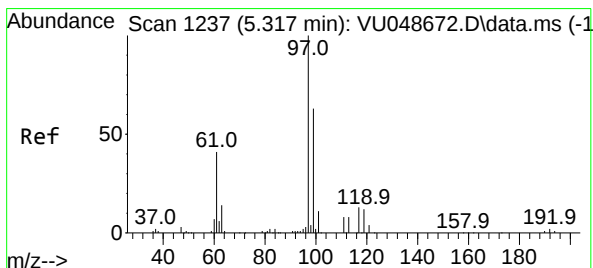
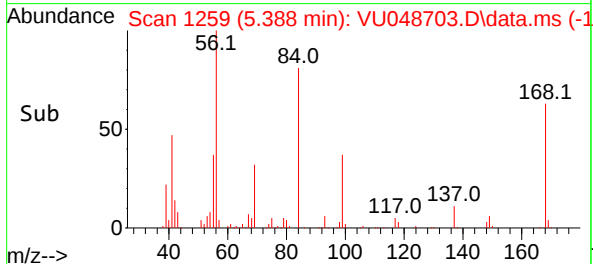
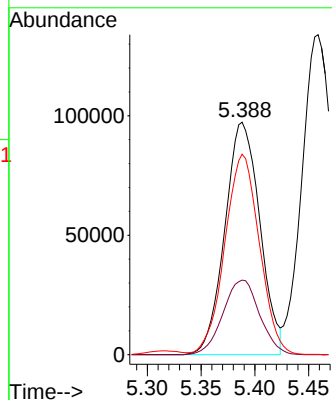
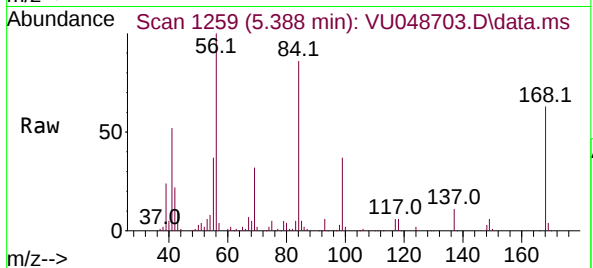
Tgt Ion: 56 Resp: 220228

Ion Ratio Lower Upper

56 100

69 32.0 25.6 38.4

84 85.1 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 49.095 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

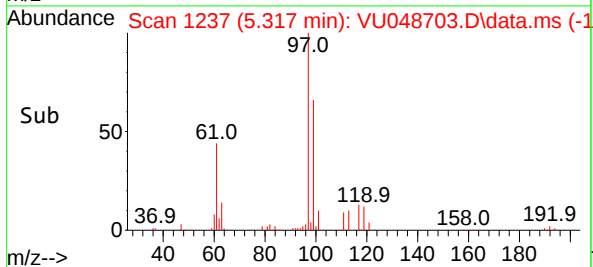
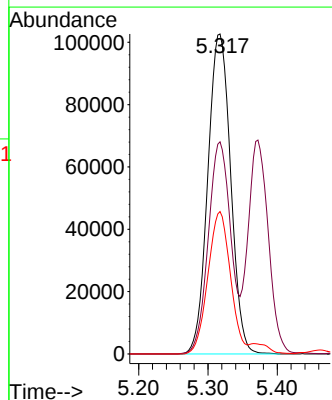
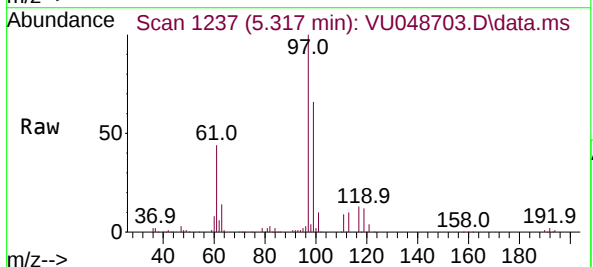
Tgt Ion: 97 Resp: 235372

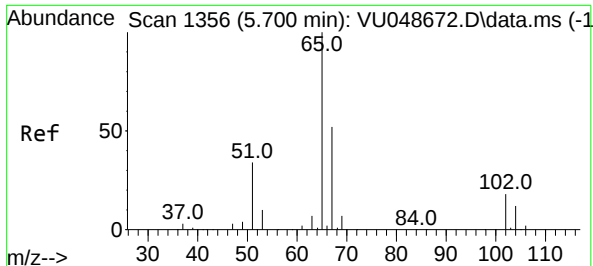
Ion Ratio Lower Upper

97 100

99 65.5 51.6 77.4

61 43.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.206 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

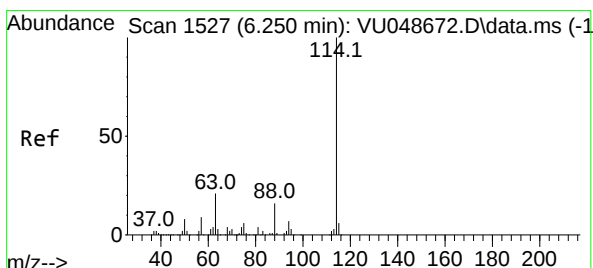
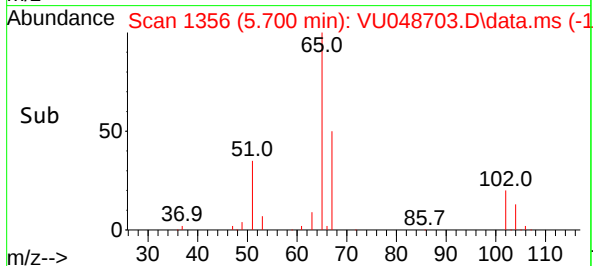
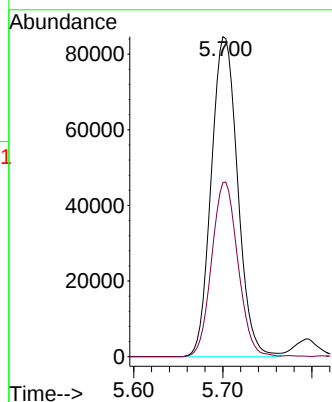
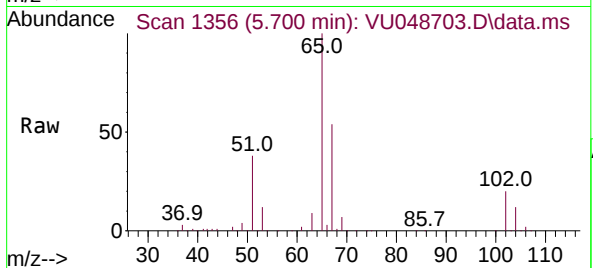
MW-1MS

Tgt Ion: 65 Resp: 174362

Ion Ratio Lower Upper

65 100

67 54.2 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: VU048703.D

Acq: 27 May 2022 18:59

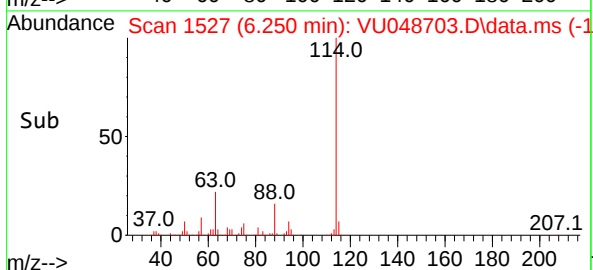
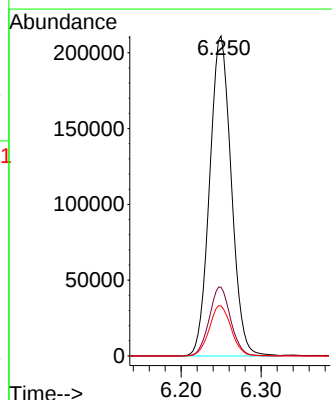
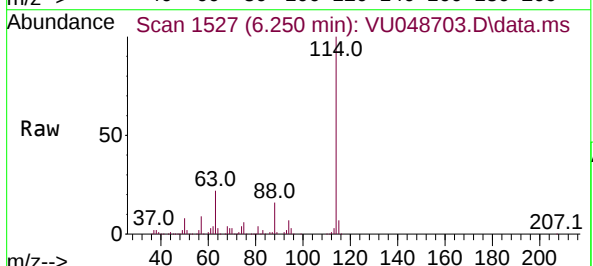
Tgt Ion: 114 Resp: 396371

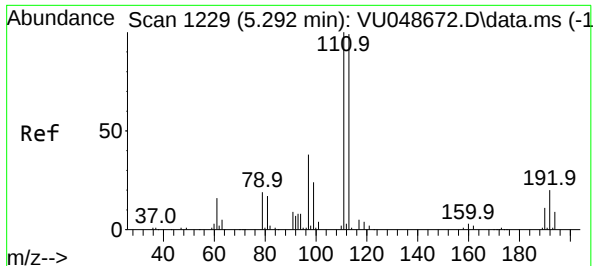
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.001 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

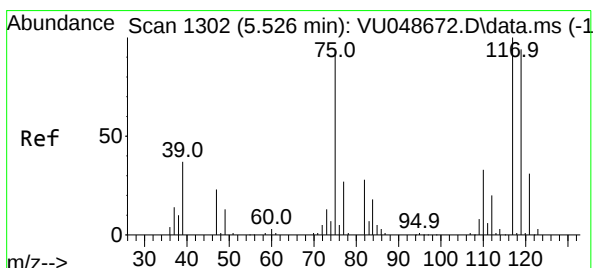
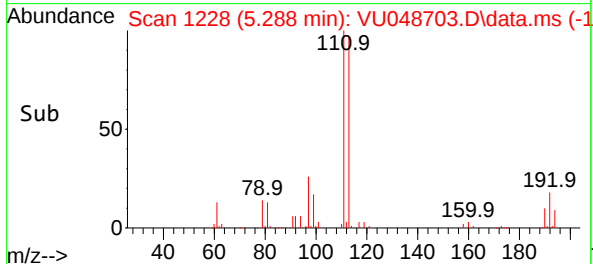
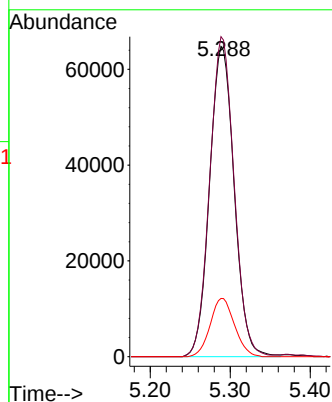
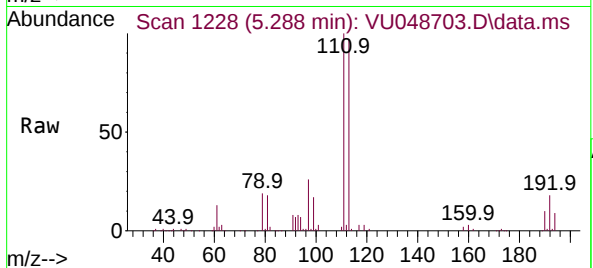
Tgt Ion:113 Resp: 138564

Ion Ratio Lower Upper

113 100

111 102.0 80.7 121.1

192 18.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 47.486 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

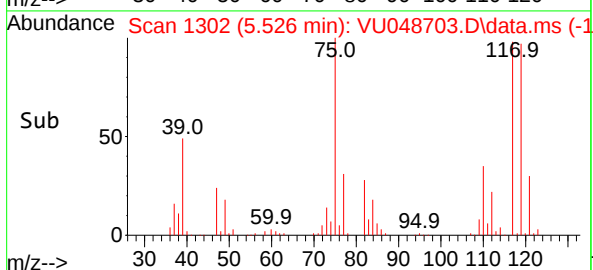
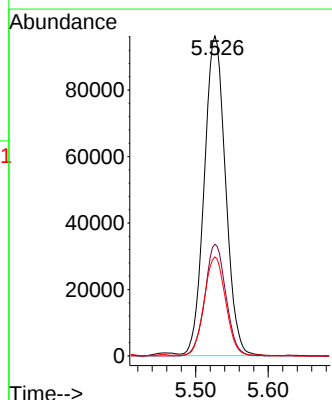
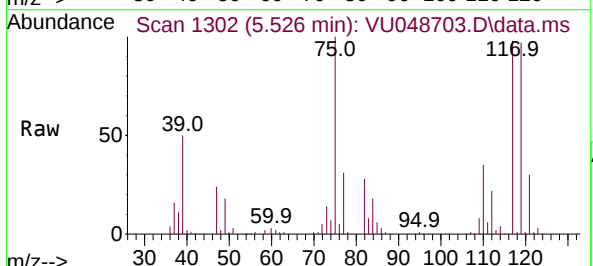
Tgt Ion: 75 Resp: 195982

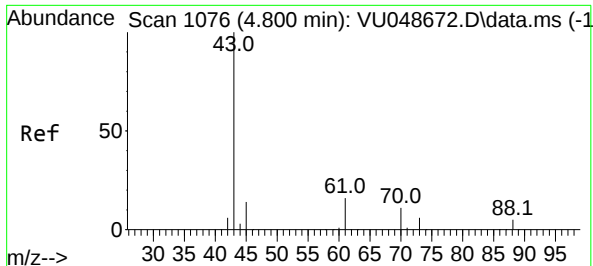
Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.3

77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 41.020 ug/l

RT: 4.803 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

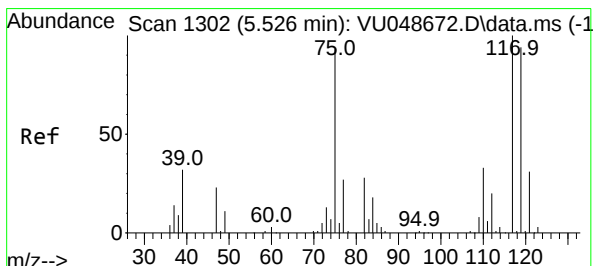
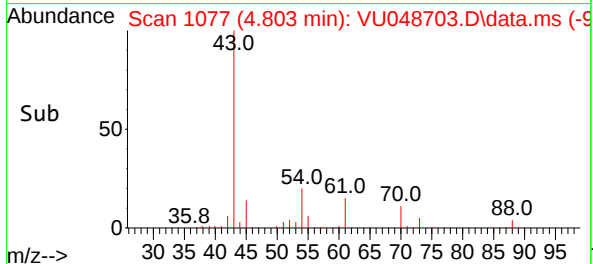
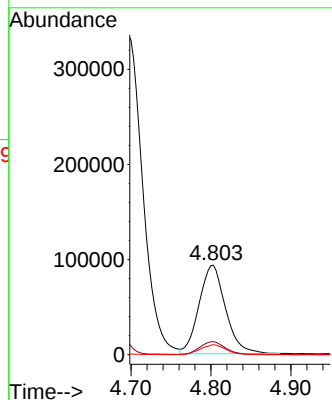
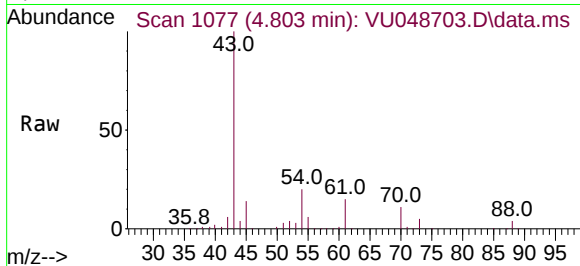
Tgt Ion: 43 Resp: 214019

Ion Ratio Lower Upper

43 100

61 14.2 11.7 17.5

70 10.8 8.4 12.6



#38

Carbon Tetrachloride

Concen: 44.510 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

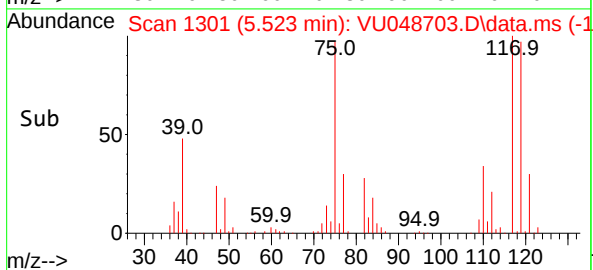
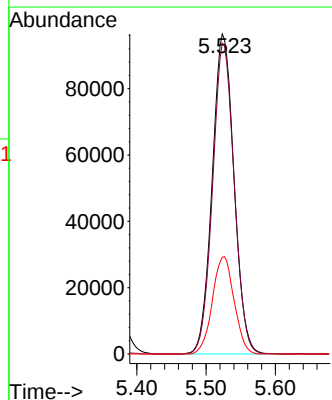
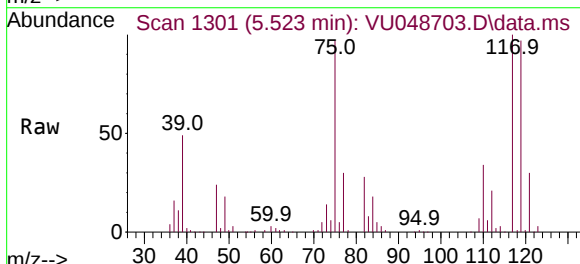
Tgt Ion: 117 Resp: 210748

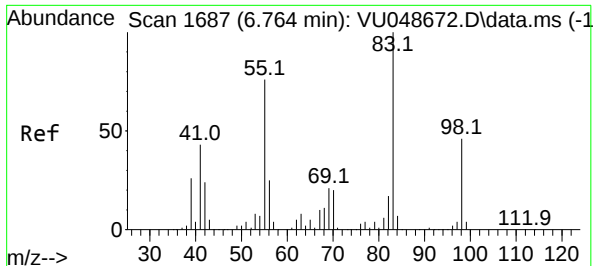
Ion Ratio Lower Upper

117 100

119 97.1 75.4 113.2

121 30.2 24.6 36.8





#39

Methylcyclohexane

Concen: 46.820 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

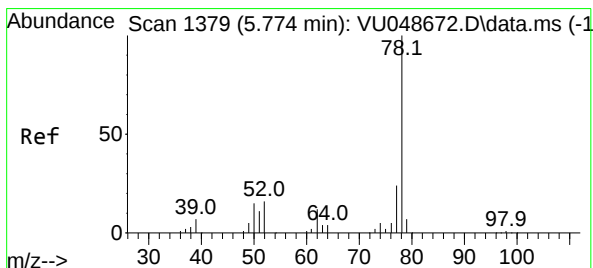
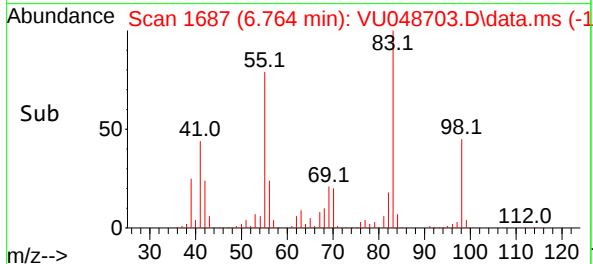
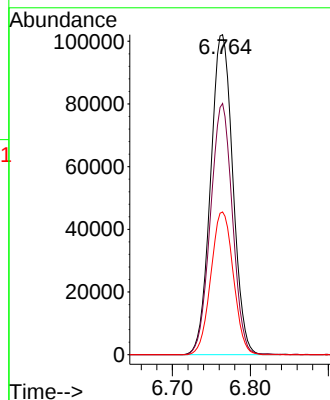
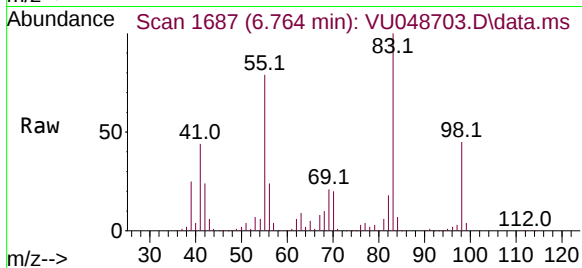
Tgt Ion: 83 Resp: 202609

Ion Ratio Lower Upper

83 100

55 78.5 61.0 91.6

98 44.6 36.8 55.2



#40

Benzene

Concen: 46.886 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048703.D

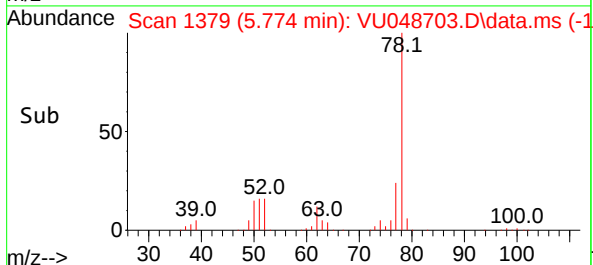
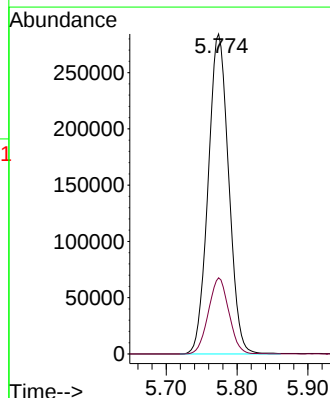
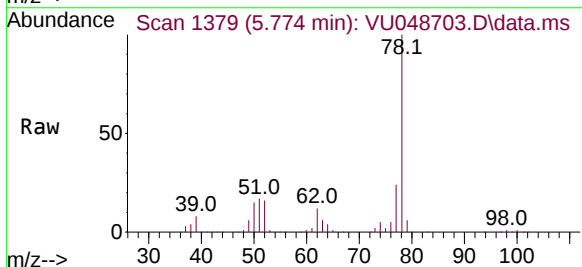
Acq: 27 May 2022 18:59

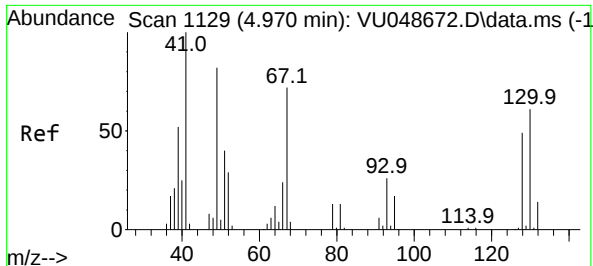
Tgt Ion: 78 Resp: 571278

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6



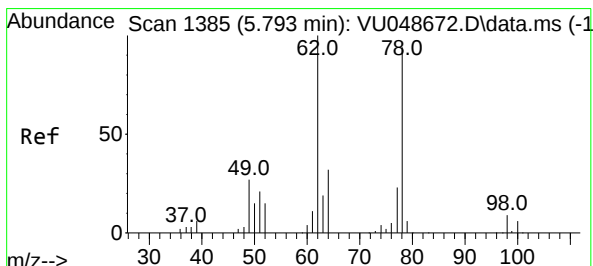
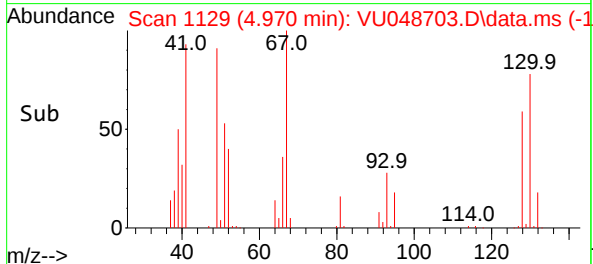
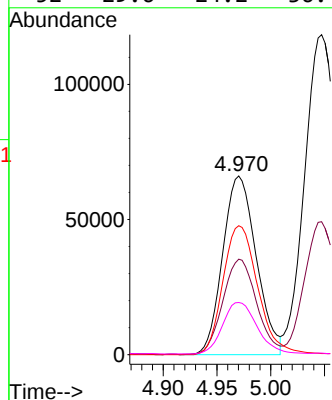
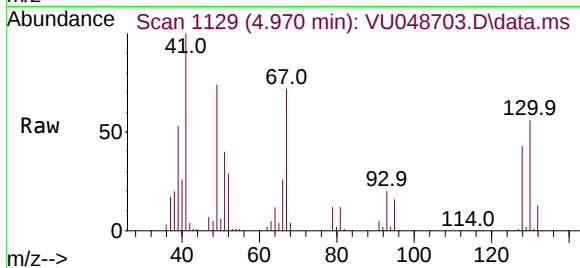


#41
Methacrylonitrile
Concen: 54.567 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

Tgt Ion: 41 Resp: 143868

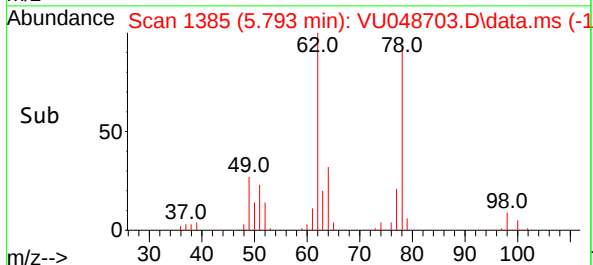
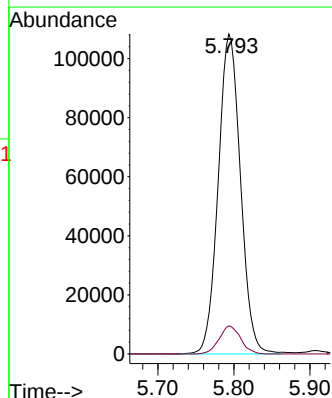
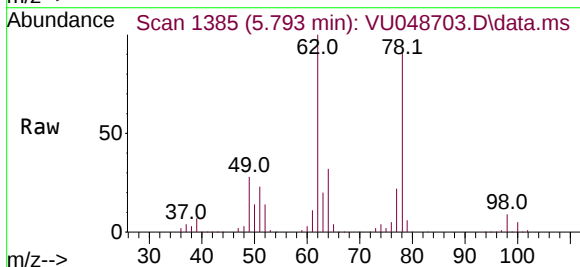
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.6	64.0
67	75.1	61.0	91.4
52	29.6	24.2	36.4

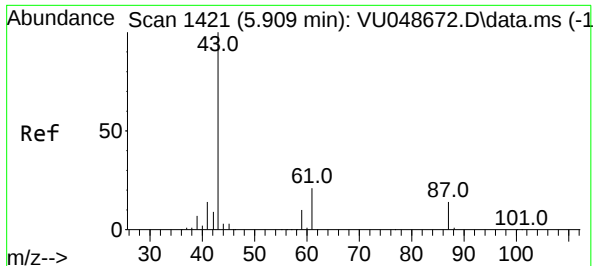


#42
1,2-Dichloroethane
Concen: 46.170 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 62 Resp: 220212

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0

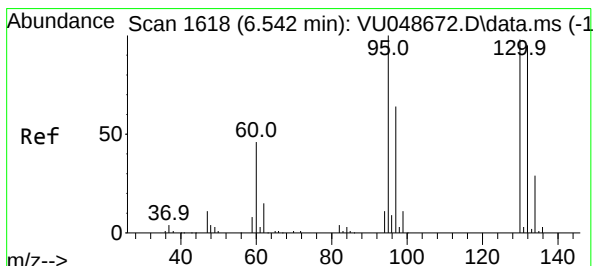
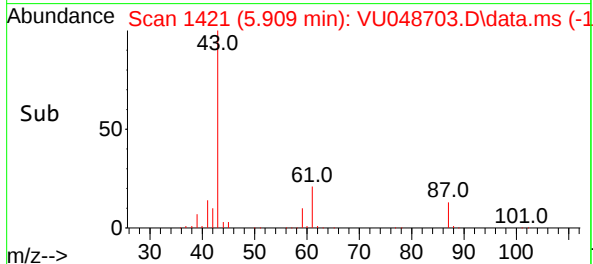
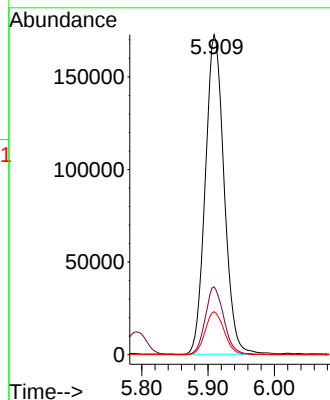
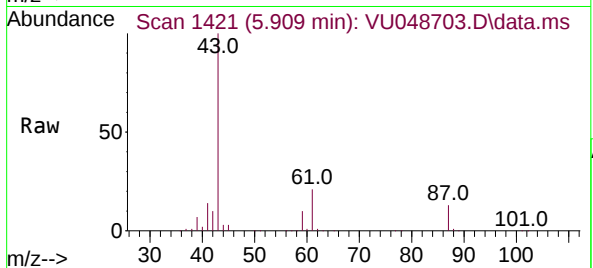




#43
Isopropyl Acetate
Concen: 44.868 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

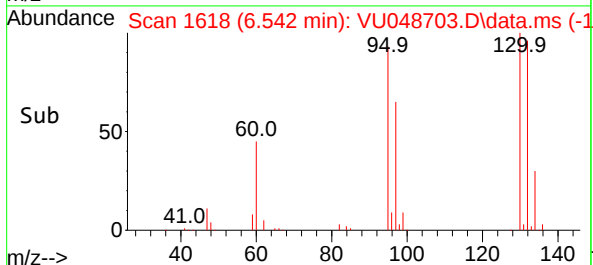
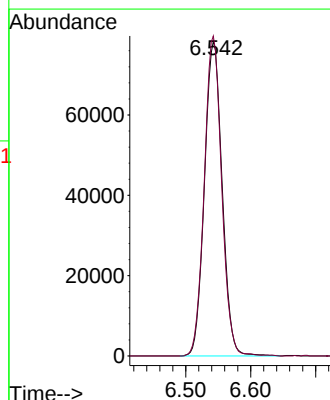
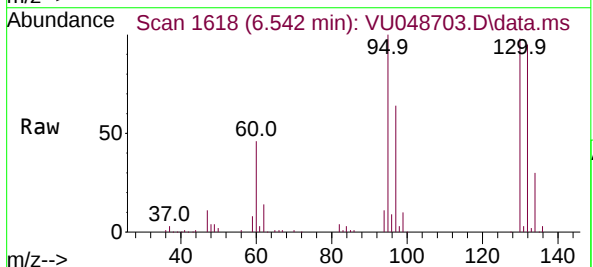
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

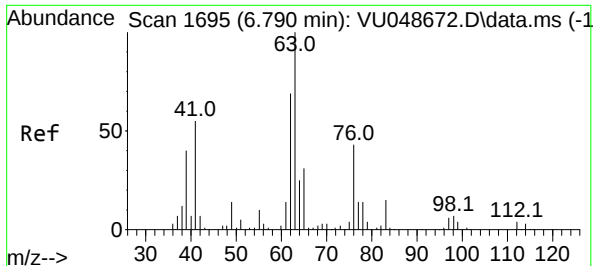
Tgt Ion: 43 Resp: 339772
Ion Ratio Lower Upper
43 100
61 21.0 16.7 25.1
87 13.6 10.9 16.3



#44
Trichloroethene
Concen: 47.223 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 130 Resp: 148238
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 54.109 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

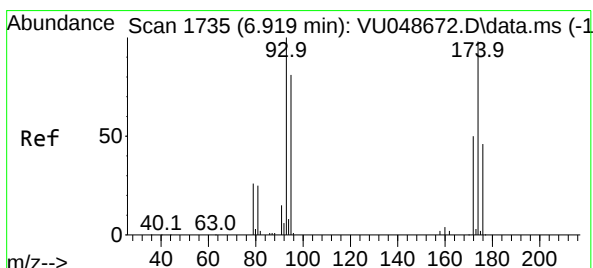
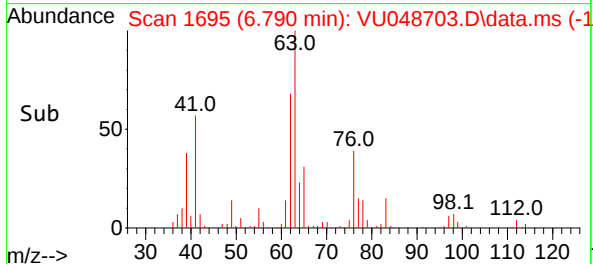
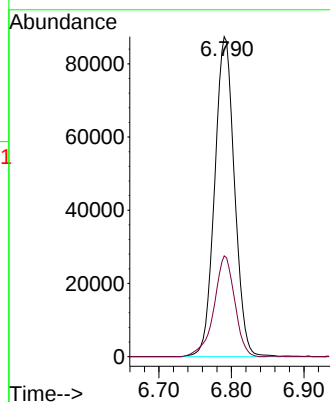
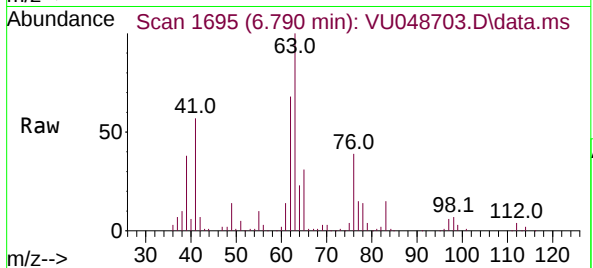
MW-1MS

Tgt Ion: 63 Resp: 165976

Ion Ratio Lower Upper

63 100

65 31.5 24.8 37.2



#46

Dibromomethane

Concen: 49.462 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

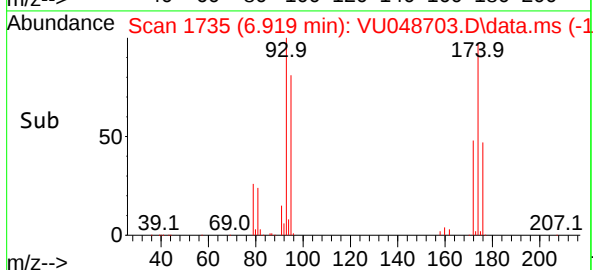
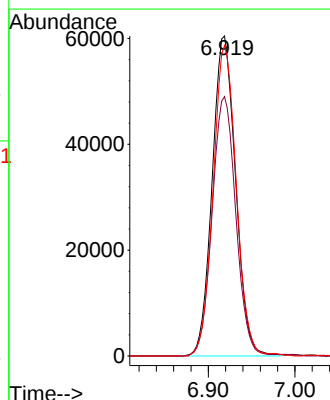
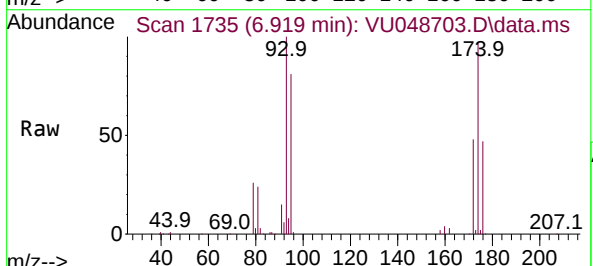
Tgt Ion: 93 Resp: 113354

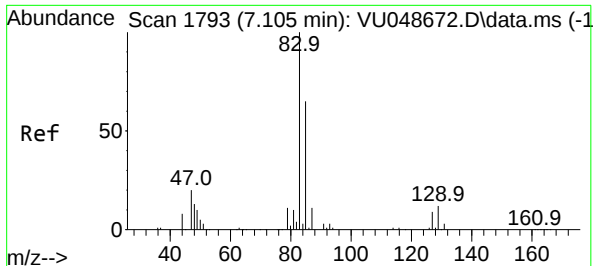
Ion Ratio Lower Upper

93 100

95 81.9 65.1 97.7

174 96.3 77.8 116.6





#47

Bromodichloromethane

Concen: 48.218 ug/l

RT: 7.105 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

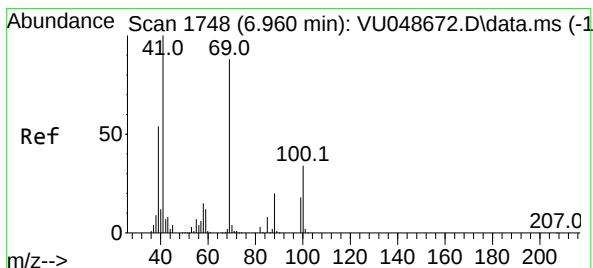
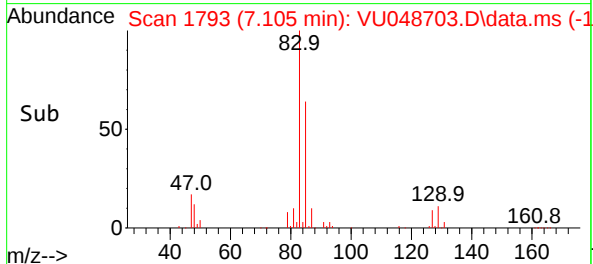
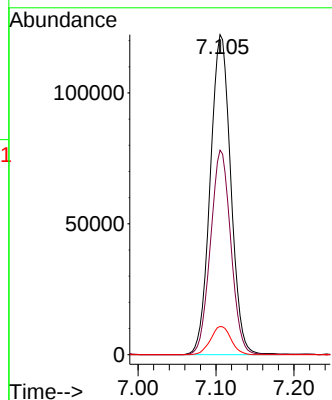
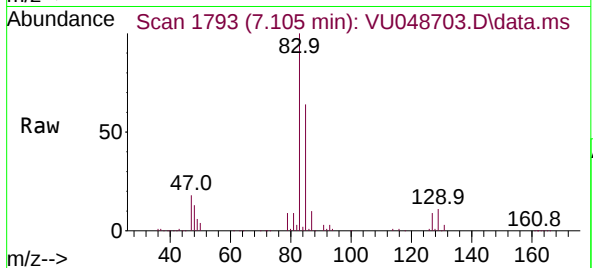
Tgt Ion: 83 Resp: 223469

Ion Ratio Lower Upper

83 100

85 63.9 52.1 78.1

127 8.8 6.9 10.3



#48

Methyl methacrylate

Concen: 54.023 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. -0.003 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

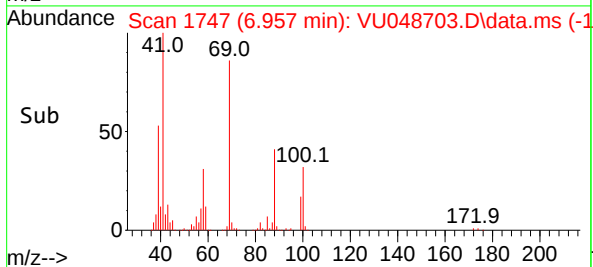
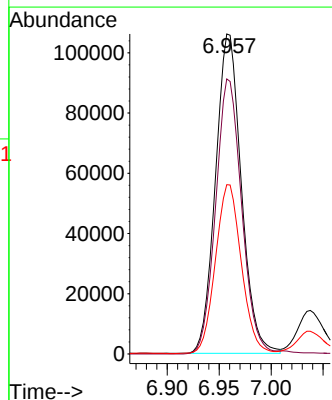
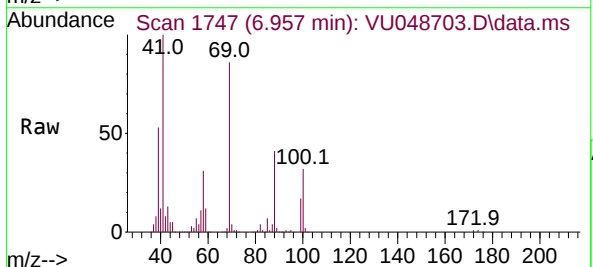
Tgt Ion: 41 Resp: 183651

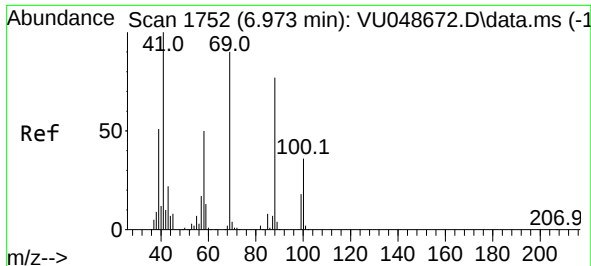
Ion Ratio Lower Upper

41 100

69 87.0 70.7 106.1

39 53.2 43.4 65.2





#49

1,4-Dioxane

Concen: 1127.372 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

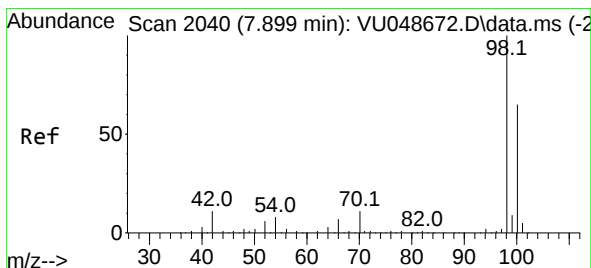
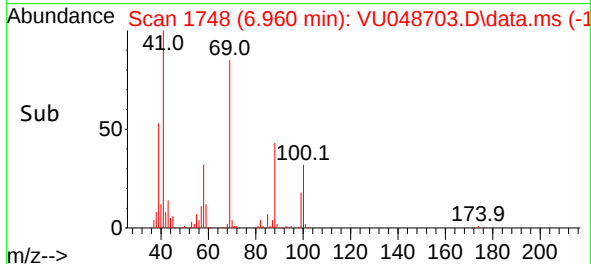
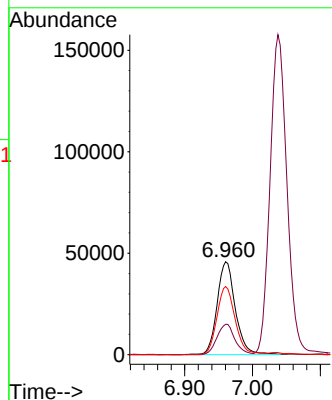
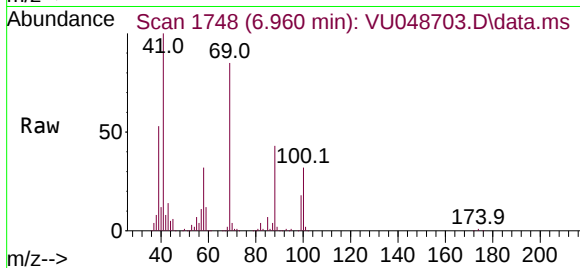
Tgt Ion: 88 Resp: 85674

Ion Ratio Lower Upper

88 100

43 32.4 24.6 36.8

58 73.1 54.7 82.1



#50

Toluene-d8

Concen: 49.777 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048703.D

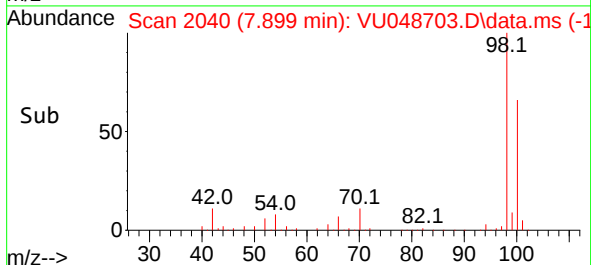
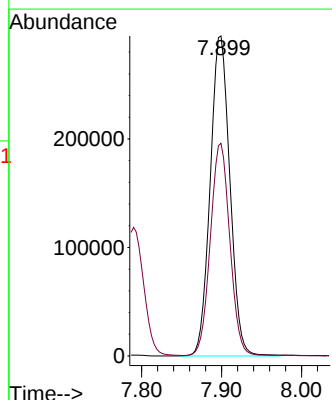
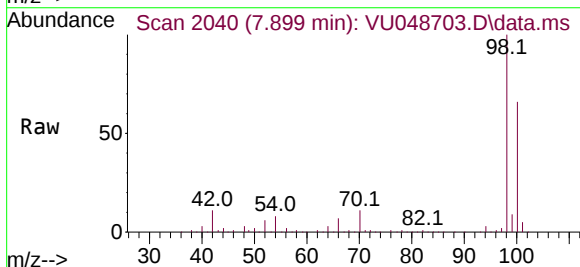
Acq: 27 May 2022 18:59

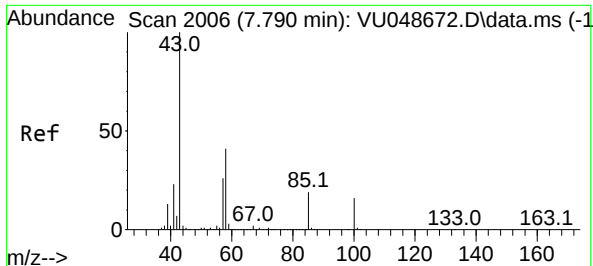
Tgt Ion: 98 Resp: 504569

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 280.547 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

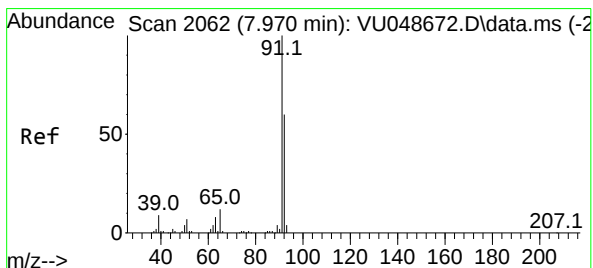
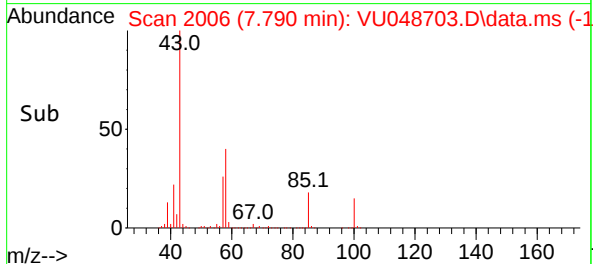
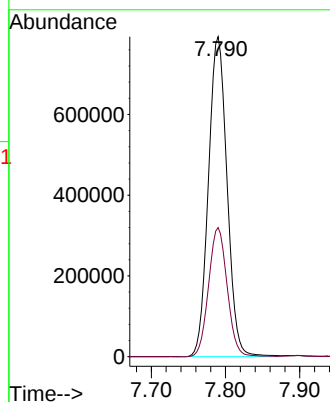
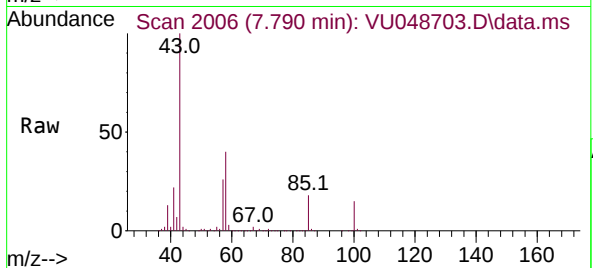
MW-1MS

Tgt Ion: 43 Resp: 1379478

Ion Ratio Lower Upper

43 100

58 40.3 32.7 49.1



#52

Toluene

Concen: 50.658 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048703.D

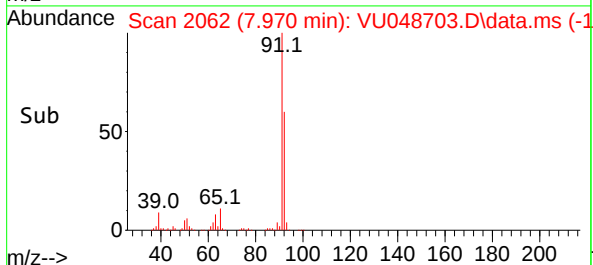
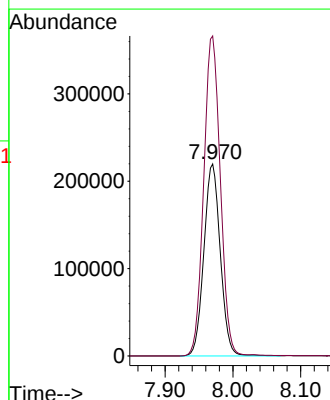
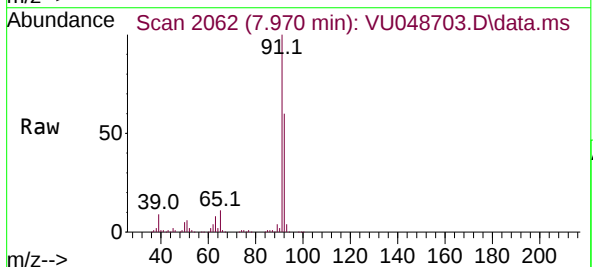
Acq: 27 May 2022 18:59

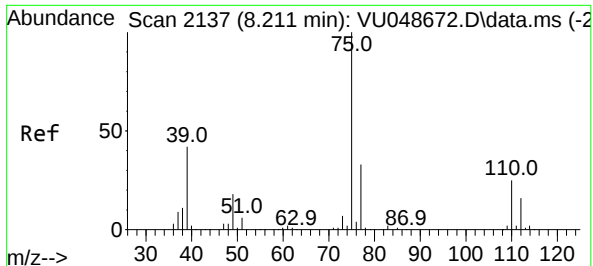
Tgt Ion: 92 Resp: 369201

Ion Ratio Lower Upper

92 100

91 168.5 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 43.582 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

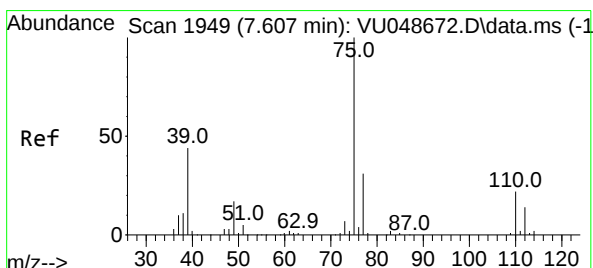
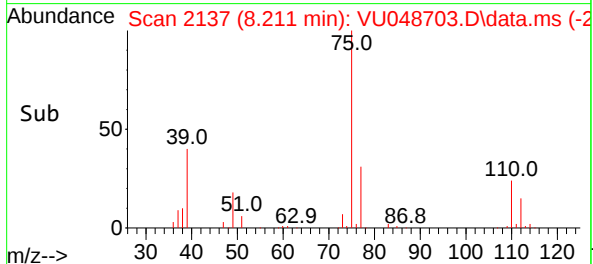
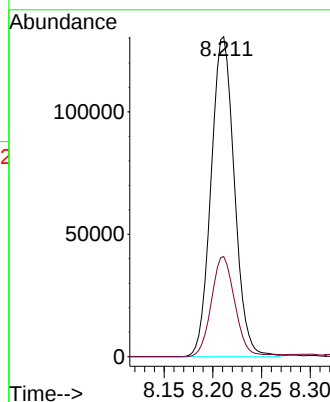
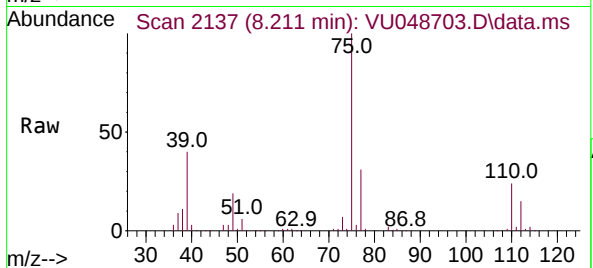
MW-1MS

Tgt Ion: 75 Resp: 217883

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 42.020 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

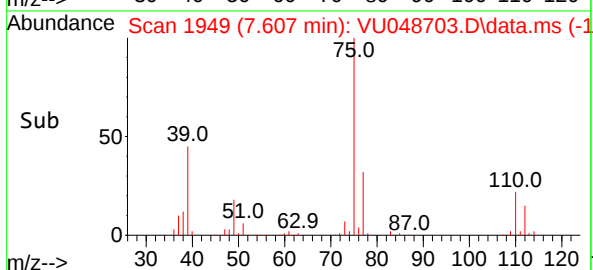
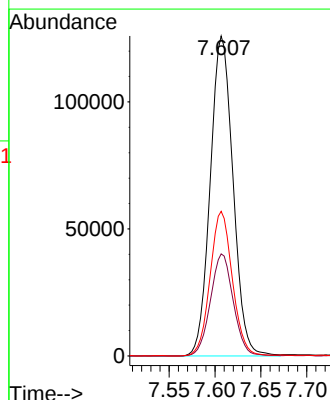
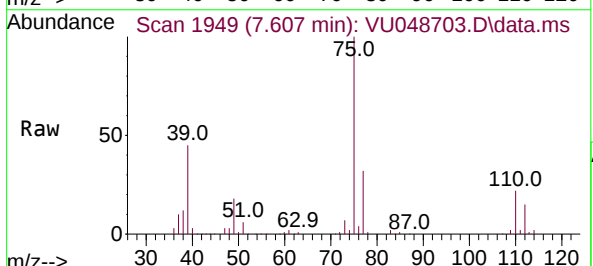
Tgt Ion: 75 Resp: 217683

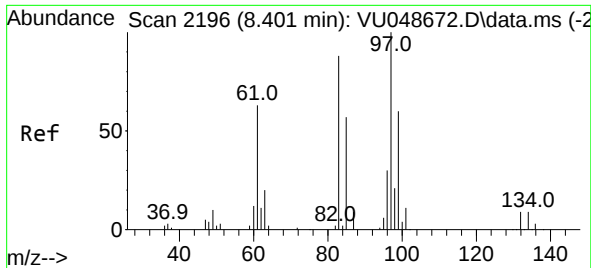
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 45.2 35.2 52.8

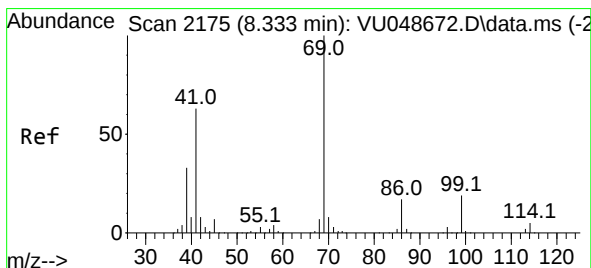
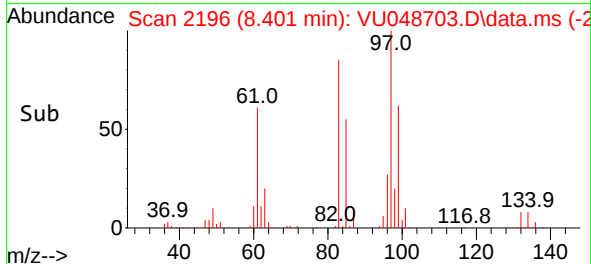
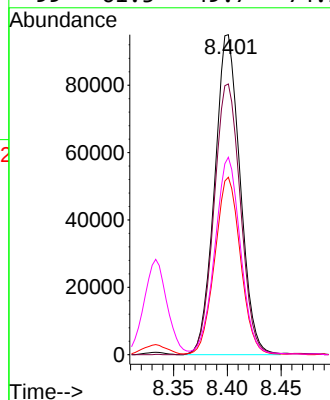
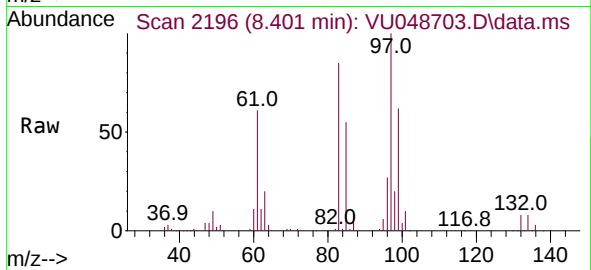




#55
 1,1,2-Trichloroethane
 Concen: 48.767 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

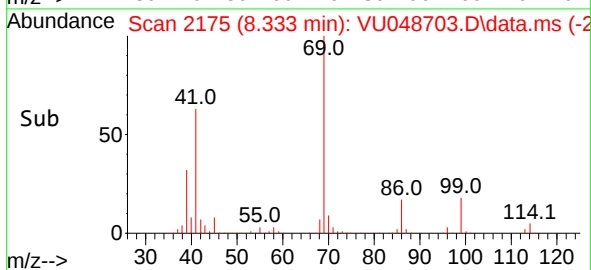
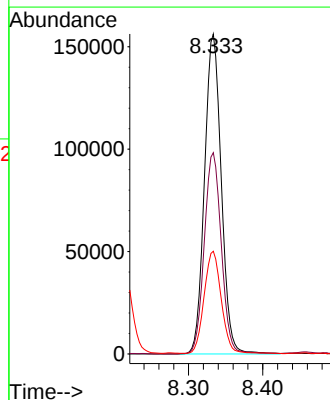
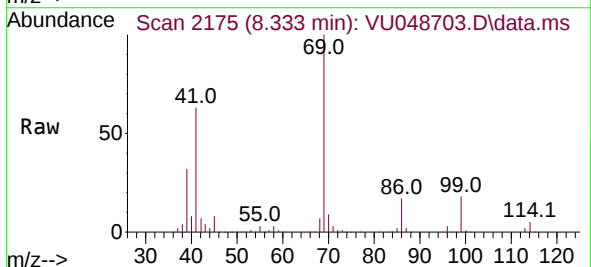
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MS

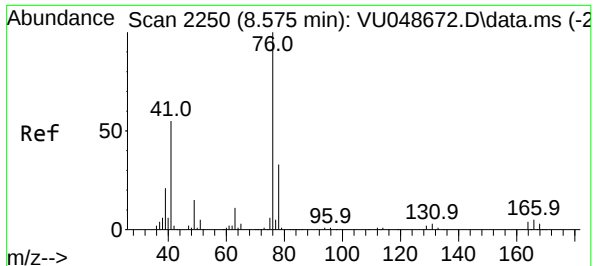
Tgt Ion:	97	Resp:	156860
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.4
85	55.2	45.6	68.4
99	61.3	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 48.322 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

Tgt Ion:	69	Resp:	245142
Ion	Ratio	Lower	Upper
69	100		
41	63.9	50.6	76.0
39	32.8	26.6	40.0





#57

1,3-Dichloropropane

Concen: 49.598 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

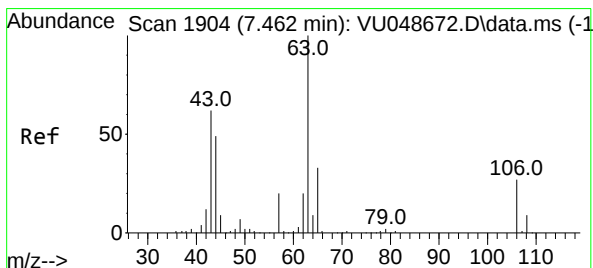
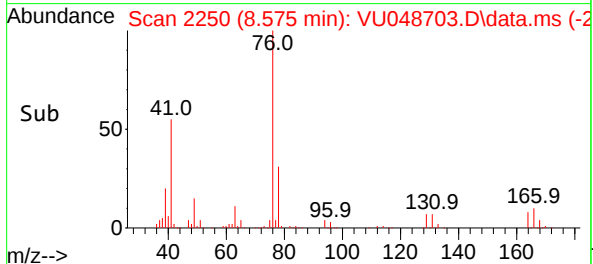
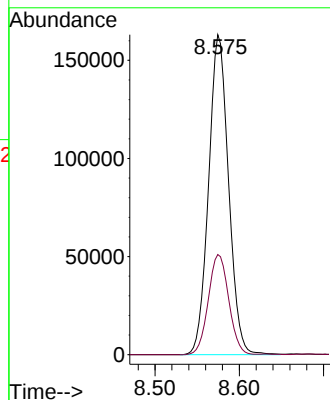
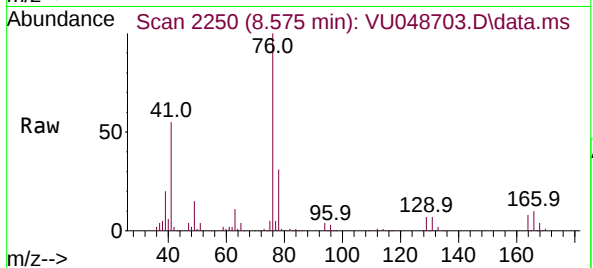
MW-1MS

Tgt Ion: 76 Resp: 268503

Ion Ratio Lower Upper

76 100

78 32.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 29.928 ug/l

RT: 7.436 min Scan# 1896

Delta R.T. -0.026 min

Lab File: VU048703.D

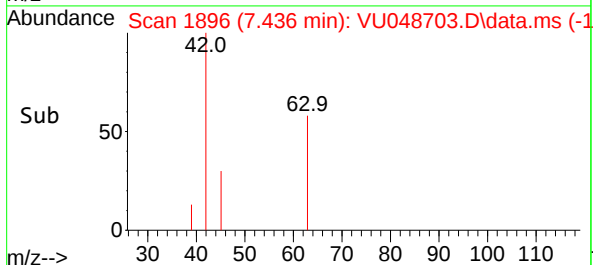
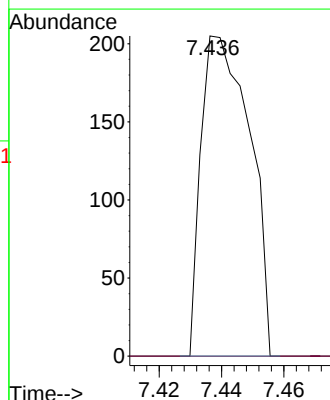
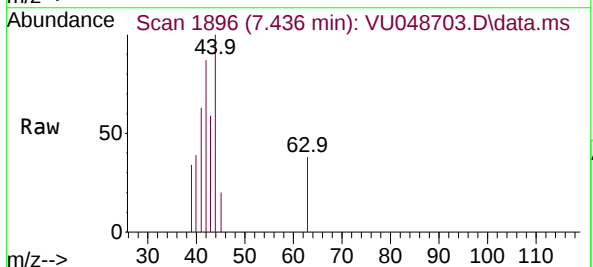
Acq: 27 May 2022 18:59

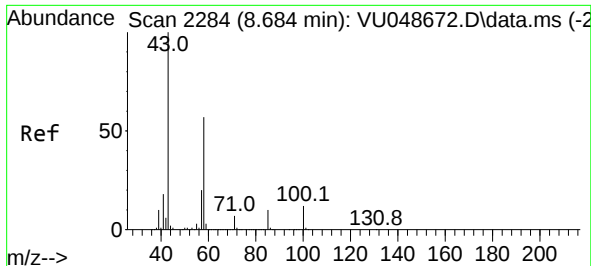
Tgt Ion: 63 Resp: 222

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#

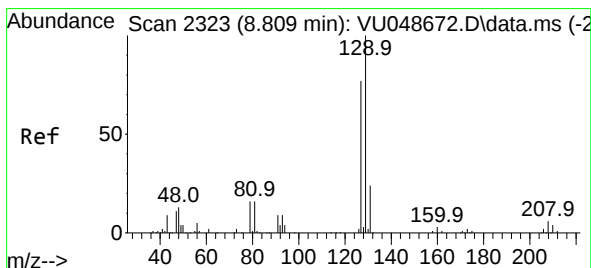
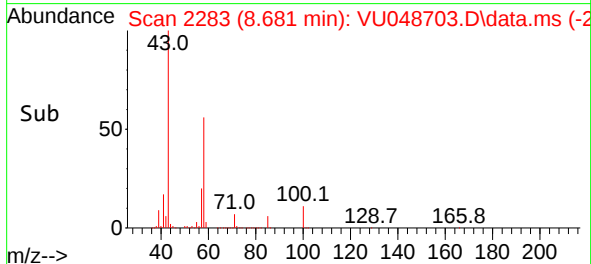
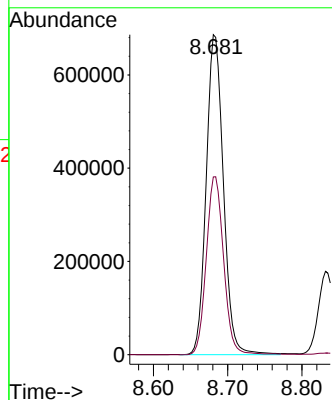
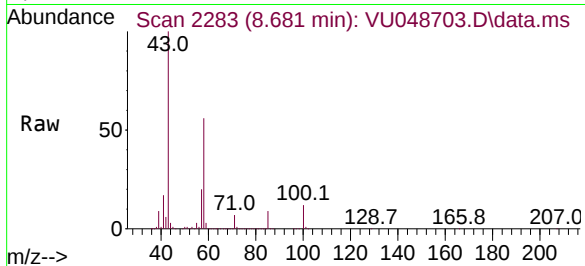




#59
2-Hexanone
Concen: 272.953 ug/l
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

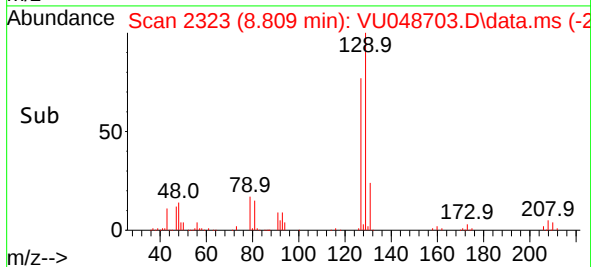
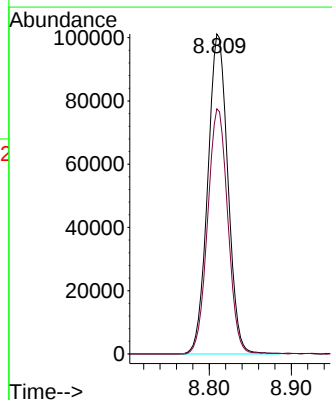
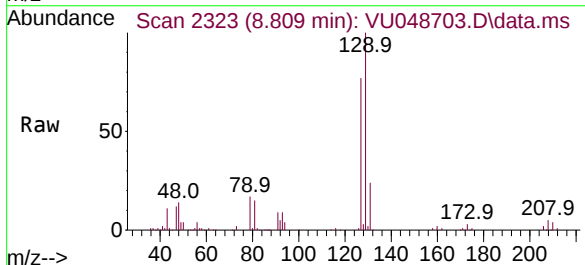
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

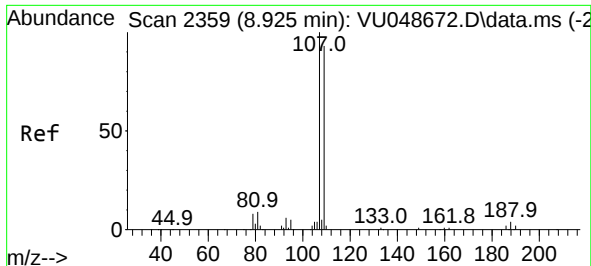
Tgt Ion: 43 Resp: 1101854
Ion Ratio Lower Upper
43 100
58 56.0 28.2 84.6



#60
Dibromochloromethane
Concen: 47.759 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 129 Resp: 172199
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

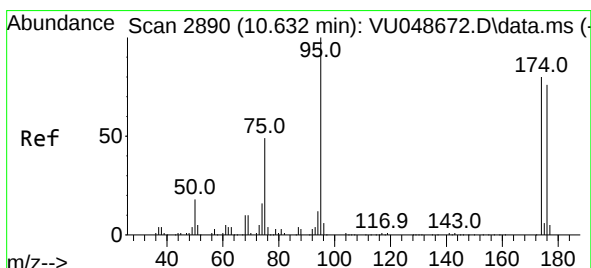
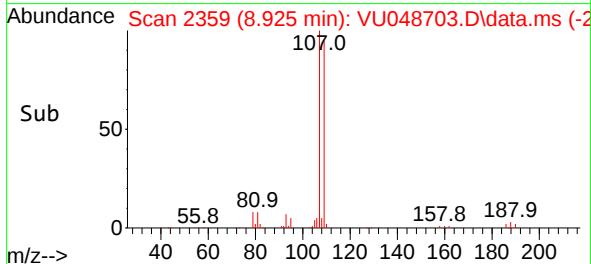
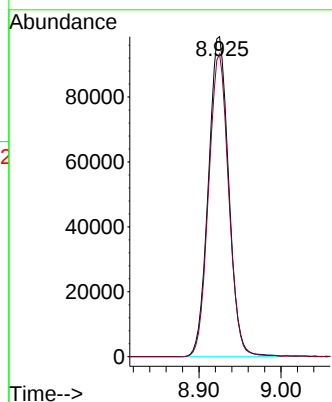
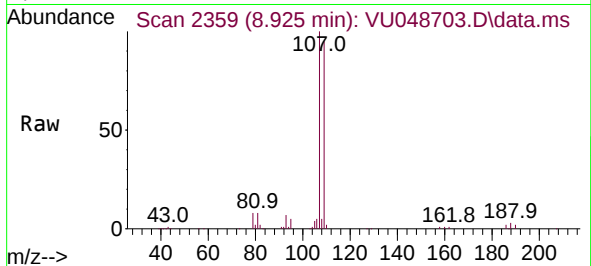




#61
1,2-Dibromoethane
Concen: 47.848 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

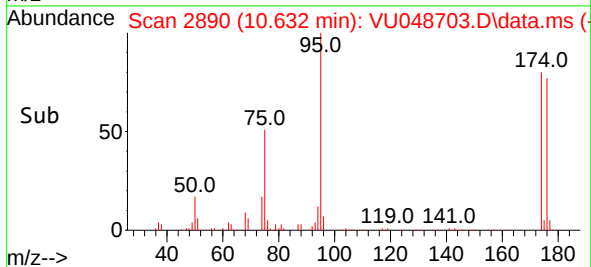
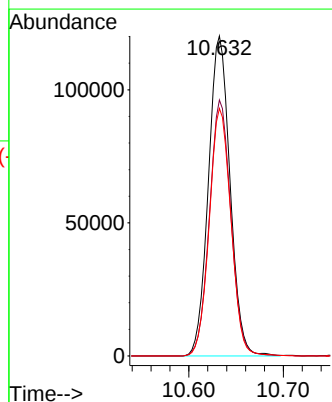
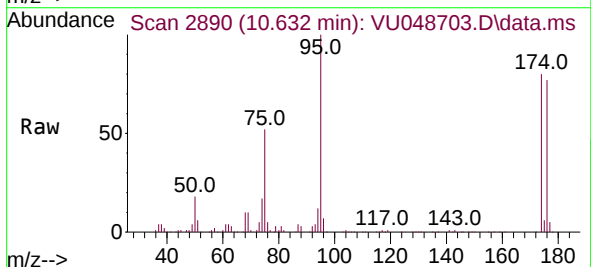
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

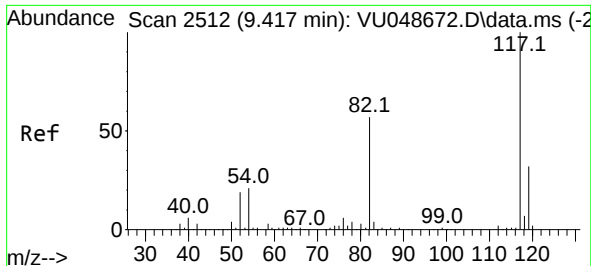
Tgt Ion:107 Resp: 169493
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 49.863 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 95 Resp: 191156
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.4
176 77.4 0.0 152.4

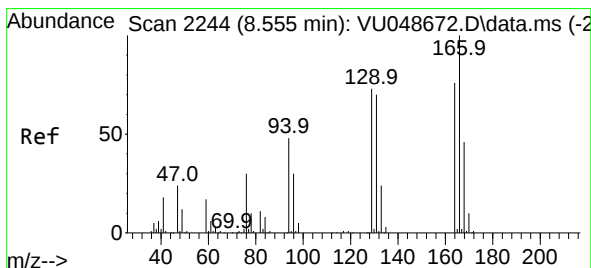
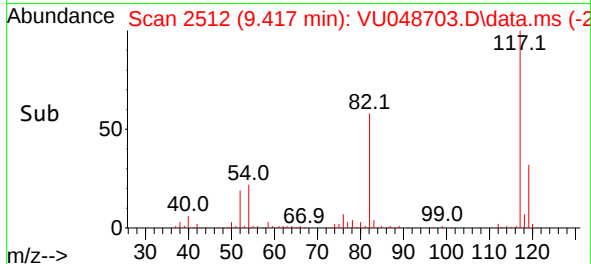
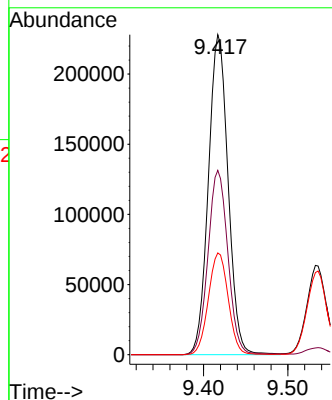
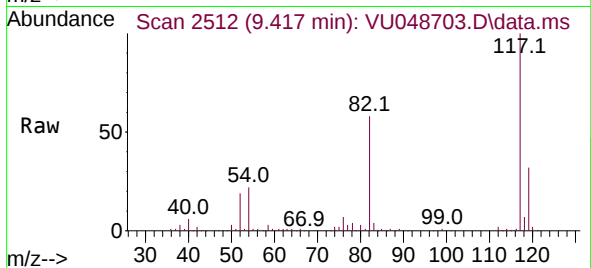




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

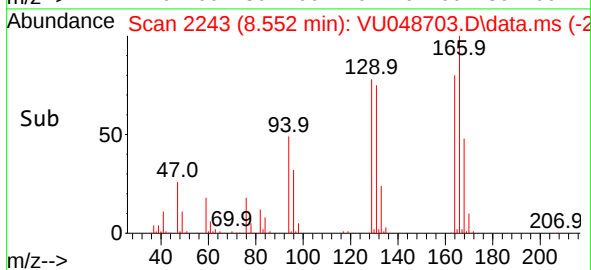
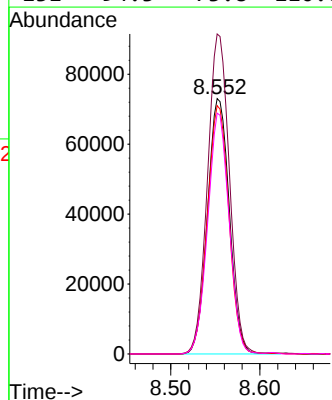
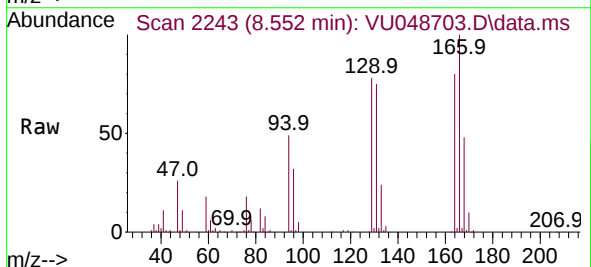
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

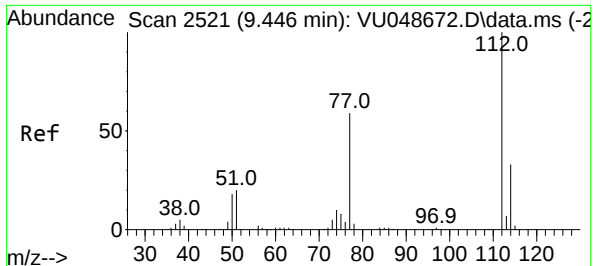
Tgt Ion:117 Resp: 371188
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 48.349 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion:164 Resp: 124715
Ion Ratio Lower Upper
164 100
166 125.3 105.0 157.4
129 97.3 76.5 114.7
131 94.3 73.8 110.6

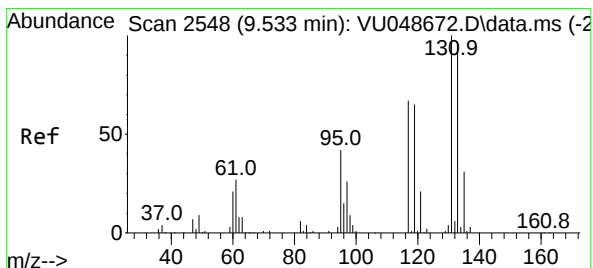
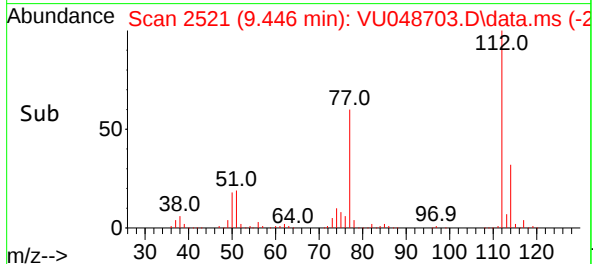
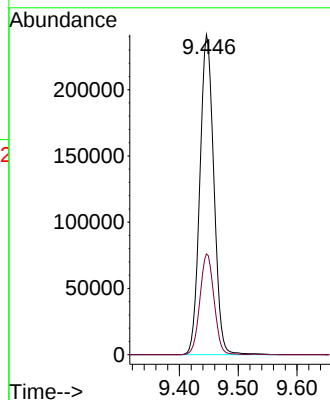
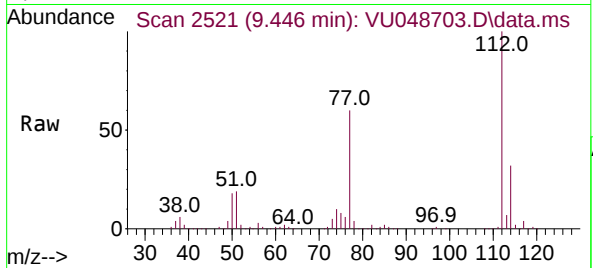




#65
Chlorobenzene
Concen: 50.808 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

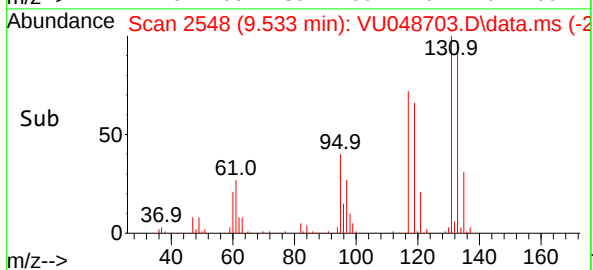
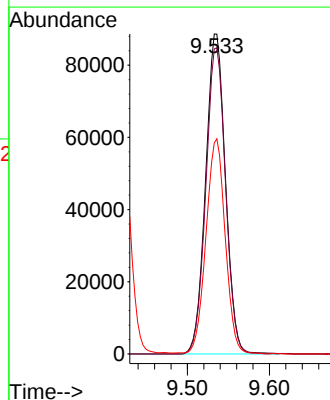
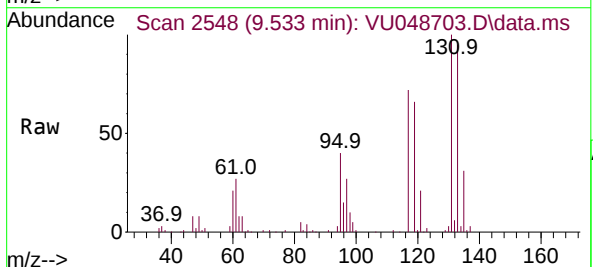
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

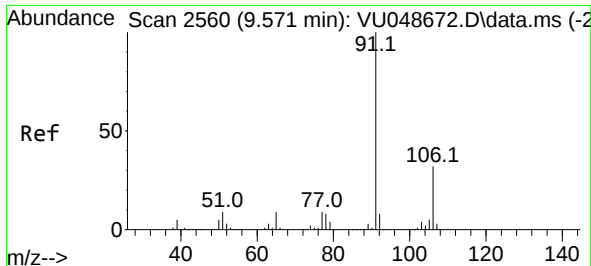
Tgt Ion:112 Resp: 398879
Ion Ratio Lower Upper
112 100
114 31.5 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.058 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion:131 Resp: 149169
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 65.4 32.7 98.1





#67

Ethyl Benzene

Concen: 52.443 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

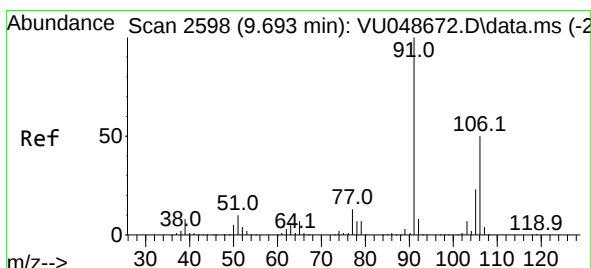
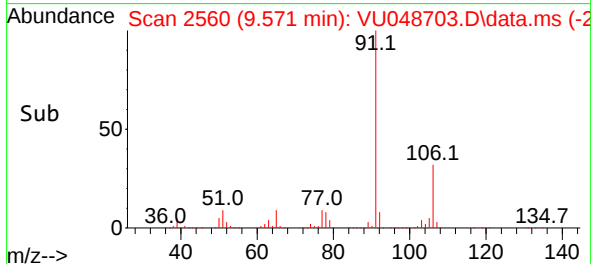
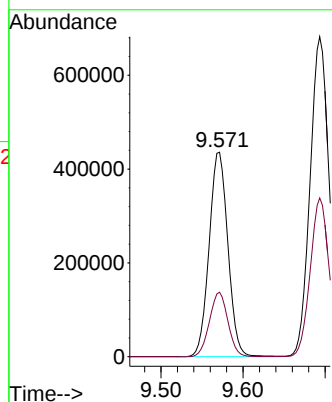
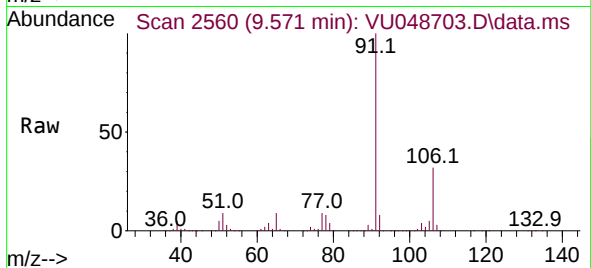
MW-1MS

Tgt Ion: 91 Resp: 694401

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.2



#68

m/p-Xylenes

Concen: 105.150 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048703.D

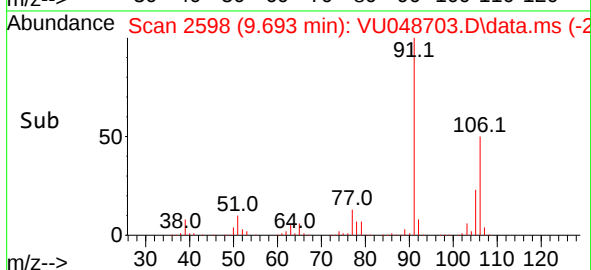
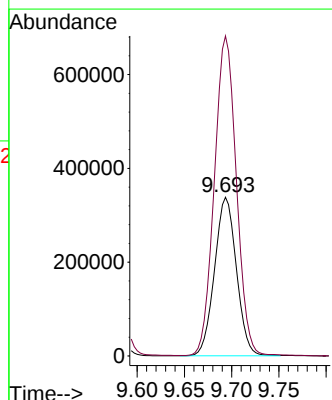
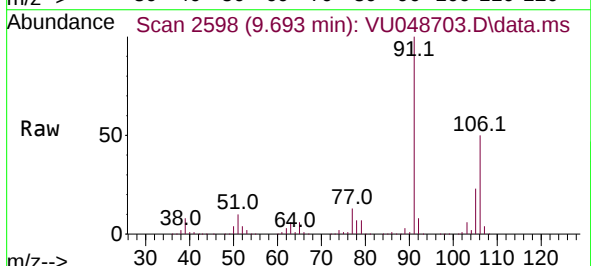
Acq: 27 May 2022 18:59

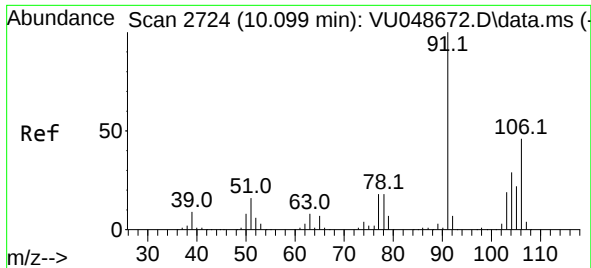
Tgt Ion: 106 Resp: 544536

Ion Ratio Lower Upper

106 100

91 203.9 162.4 243.6

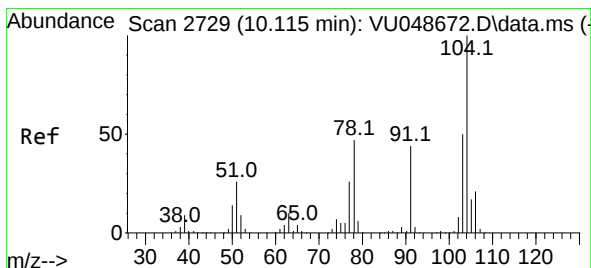
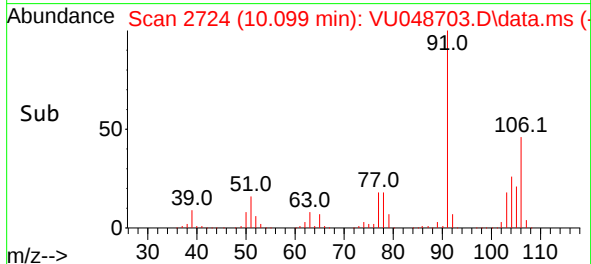
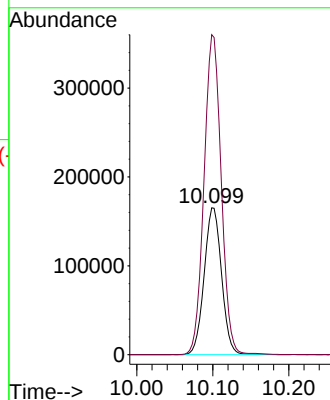
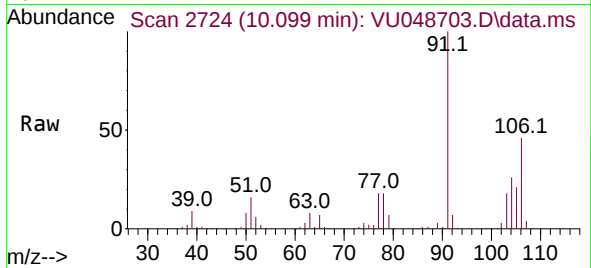




#69
o-Xylene
Concen: 51.628 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

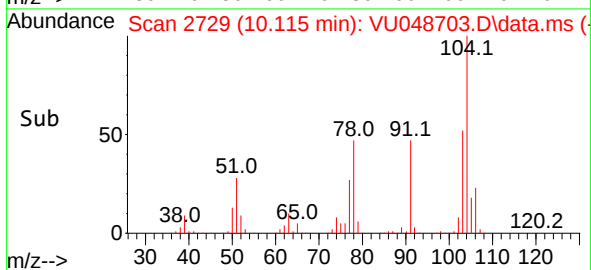
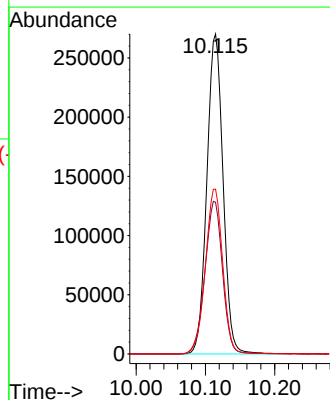
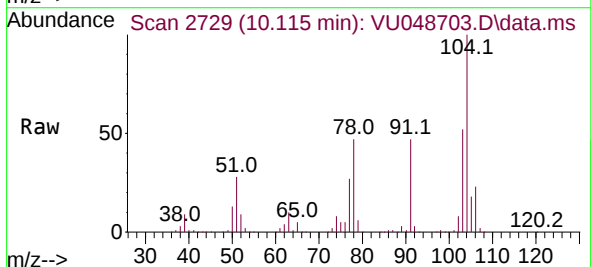
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

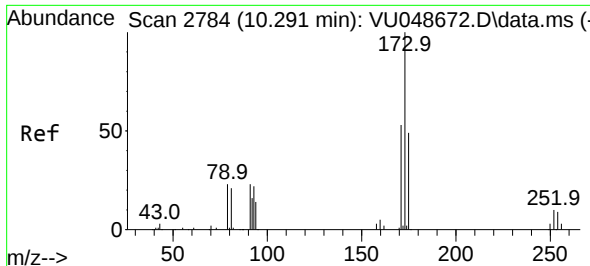
Tgt Ion:106 Resp: 262675
Ion Ratio Lower Upper
106 100
91 216.0 107.7 323.3



#70
Styrene
Concen: 52.276 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion:104 Resp: 437477
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.1 43.4 65.2

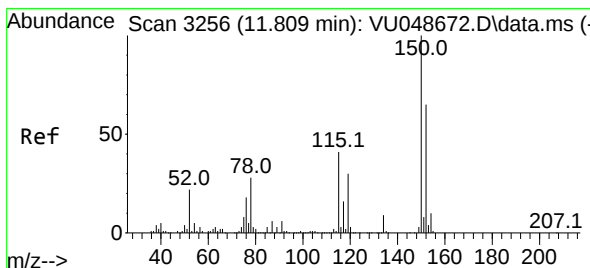
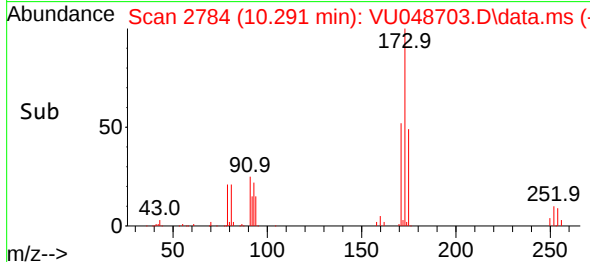
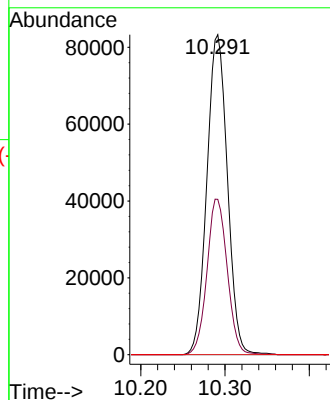
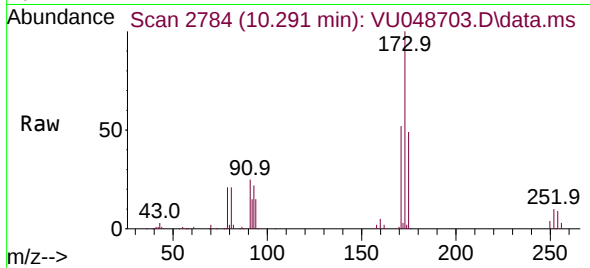




#71
Bromoform
Concen: 51.163 ug/l
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

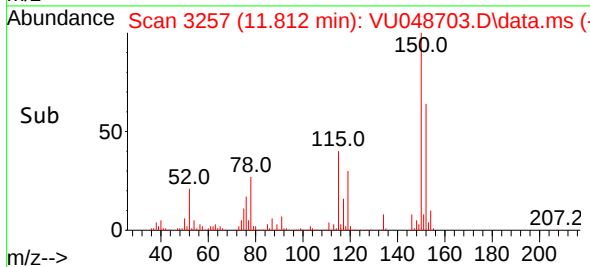
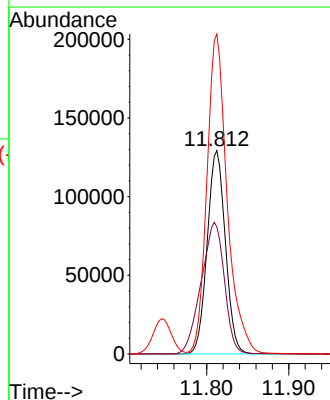
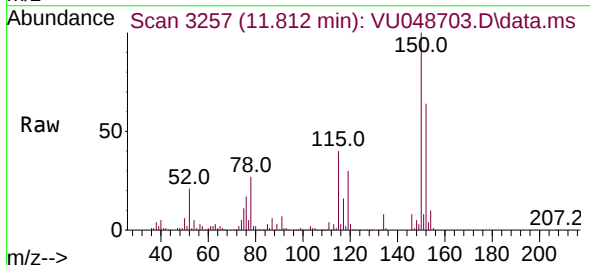
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

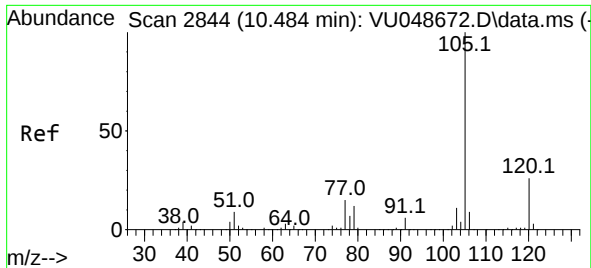
Tgt Ion:173 Resp: 140964
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion:152 Resp: 199351
Ion Ratio Lower Upper
152 100
115 82.0 41.8 125.4
150 174.7 0.0 341.0

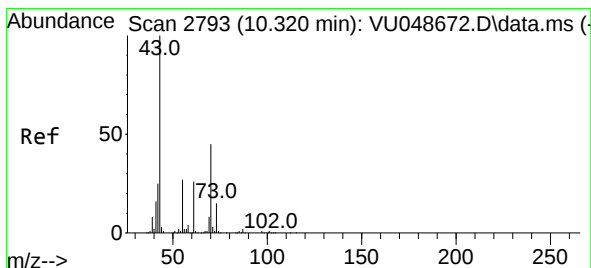
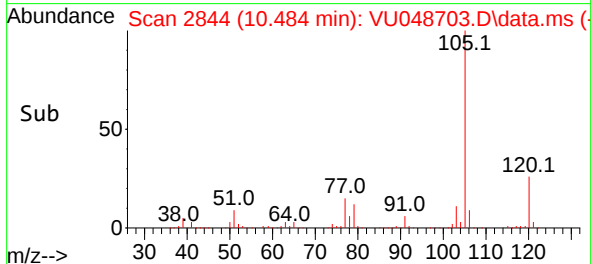
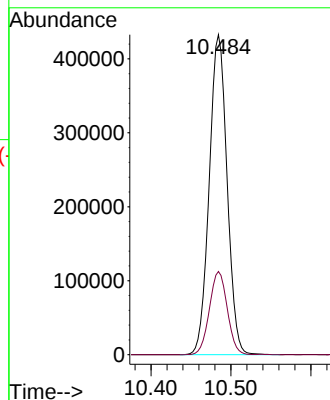
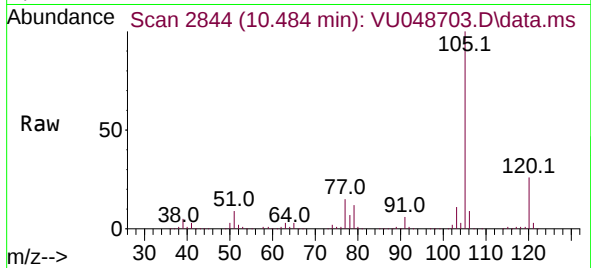




#73
Isopropylbenzene
Concen: 52.158 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

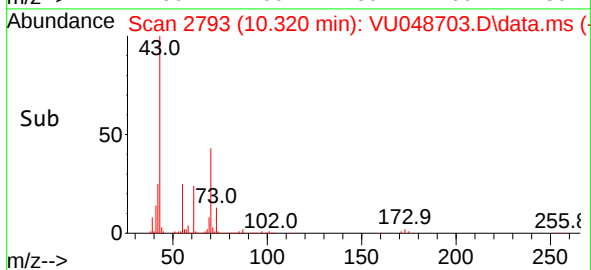
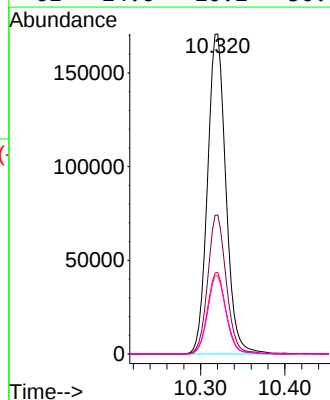
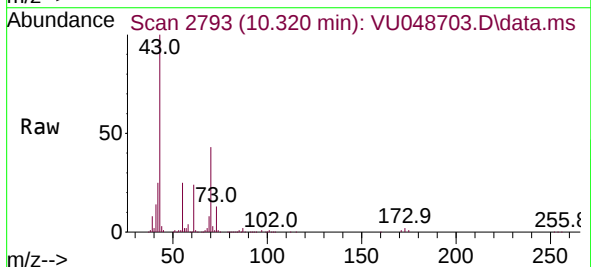
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

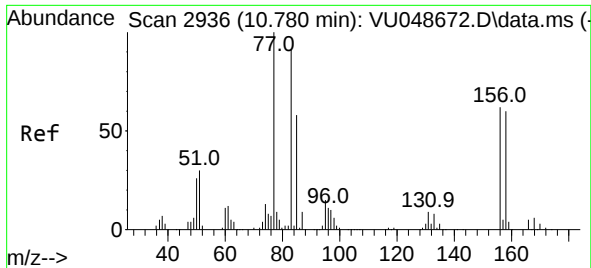
Tgt Ion:105 Resp: 671278
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 40.320 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 43 Resp: 259436
Ion Ratio Lower Upper
43 100
70 43.7 35.8 53.6
55 25.8 21.1 31.7
61 24.6 20.2 30.4

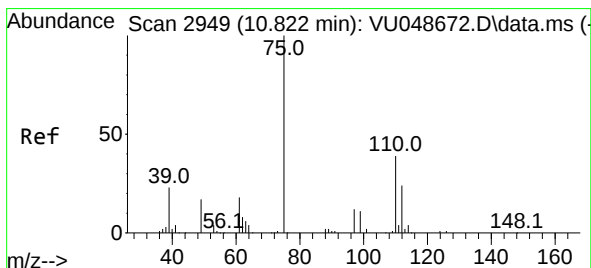
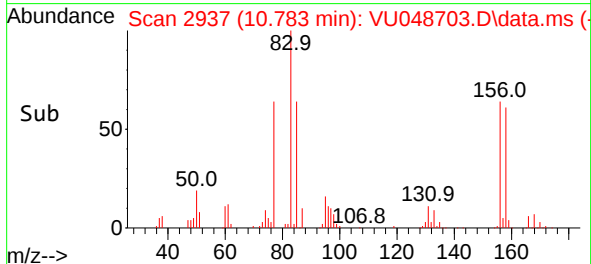
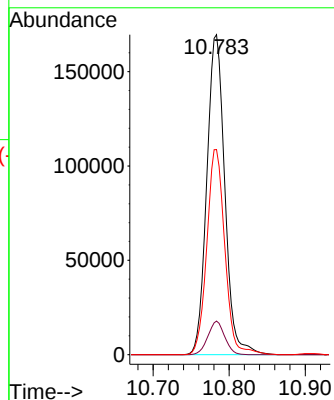
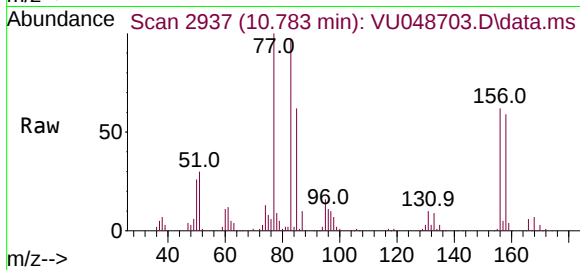




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.143 ug/l
 RT: 10.783 min Scan# 2936
 Delta R.T. 0.003 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

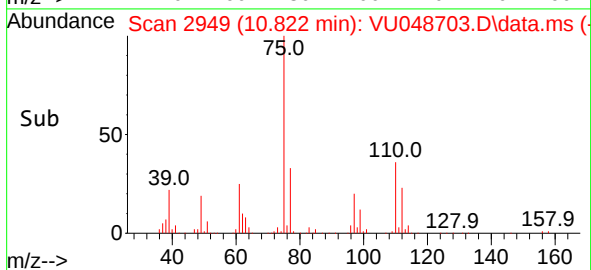
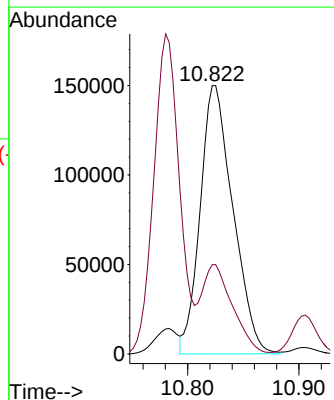
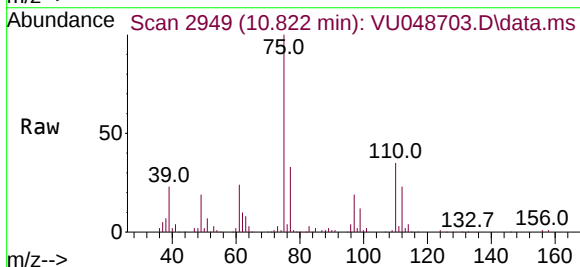
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MS

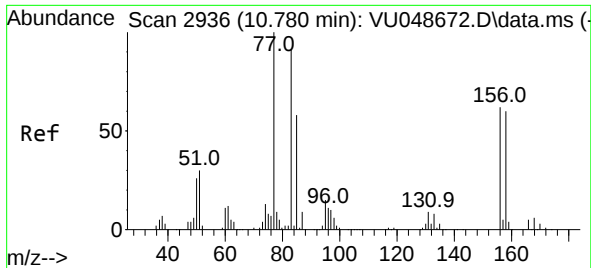
Tgt Ion: 83 Resp: 279113
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.2 15.6
 85 64.1 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 47.721 ug/l
 RT: 10.822 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

Tgt Ion: 75 Resp: 306730
 Ion Ratio Lower Upper
 75 100
 77 29.9 14.8 44.3

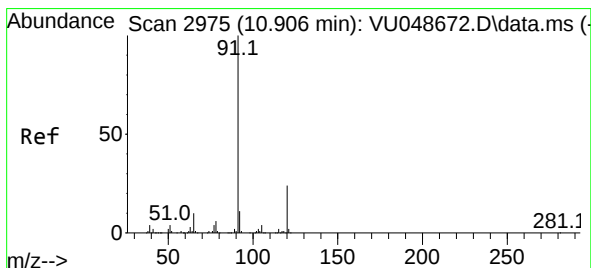
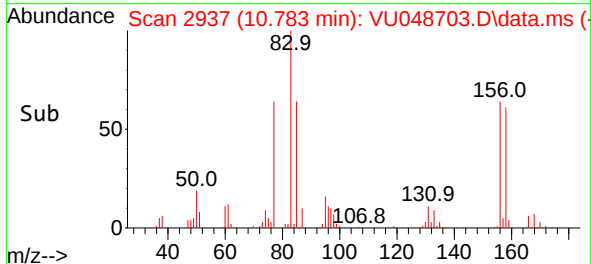
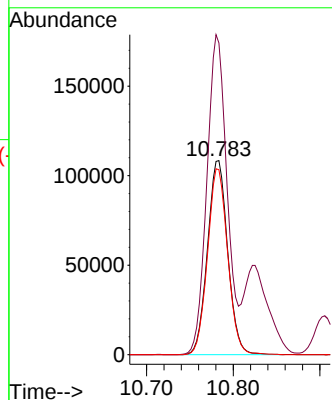
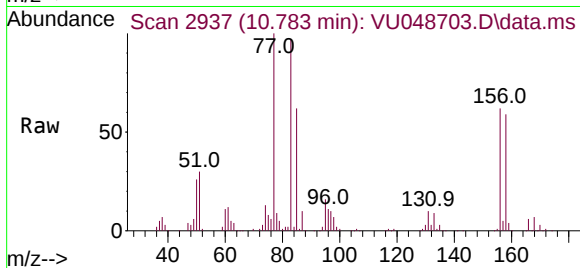




#77
Bromobenzene
Concen: 50.932 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

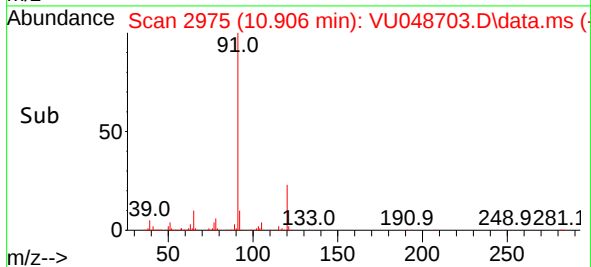
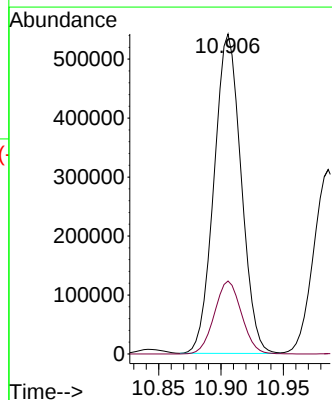
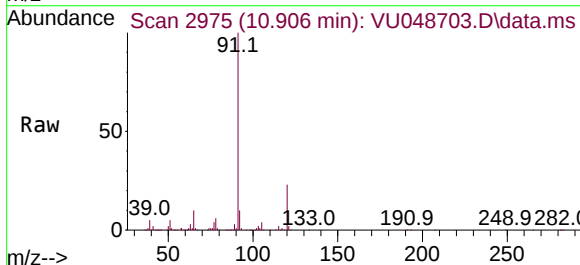
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

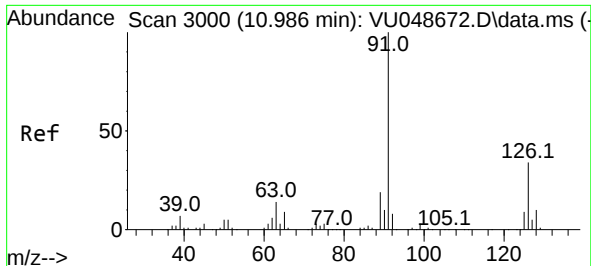
Tgt Ion:156 Resp: 176040
Ion Ratio Lower Upper
156 100
77 163.0 81.1 243.3
158 95.3 48.8 146.4



#78
n-propylbenzene
Concen: 53.506 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 91 Resp: 820548
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.7

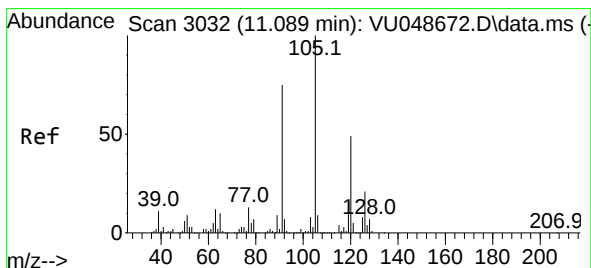
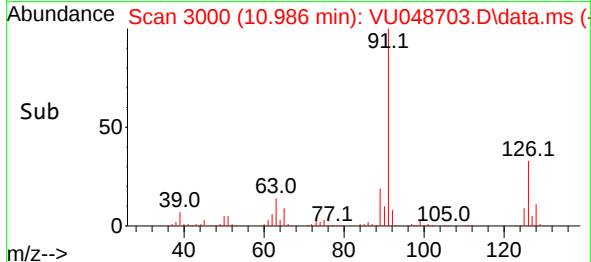
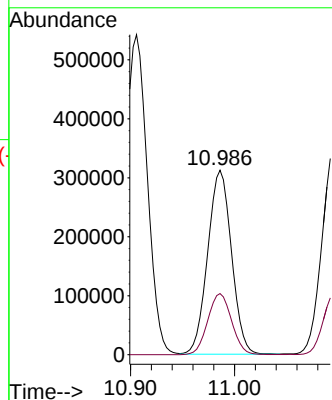
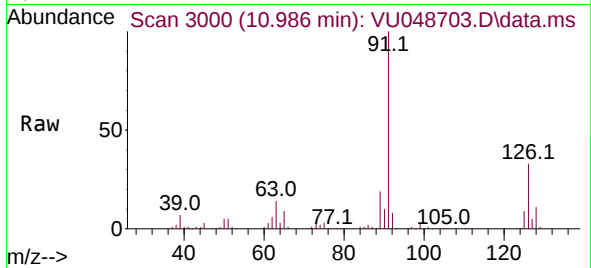




#79
2-Chlorotoluene
Concen: 52.014 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

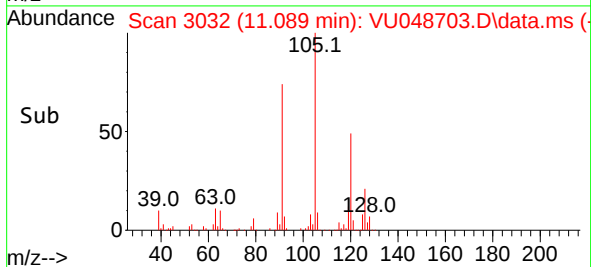
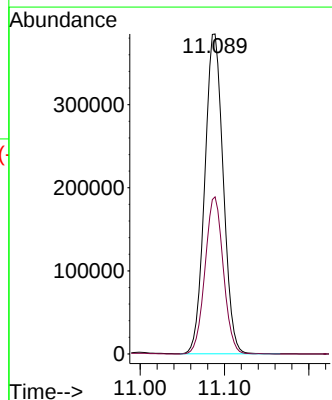
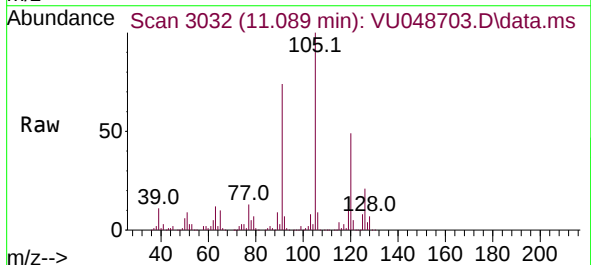
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

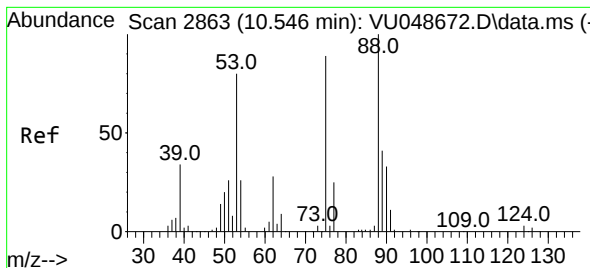
Tgt Ion: 91 Resp: 496053
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 52.529 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 105 Resp: 587912
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

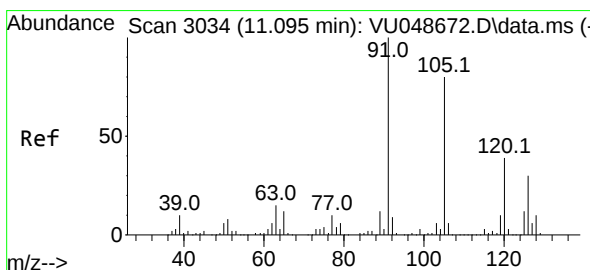
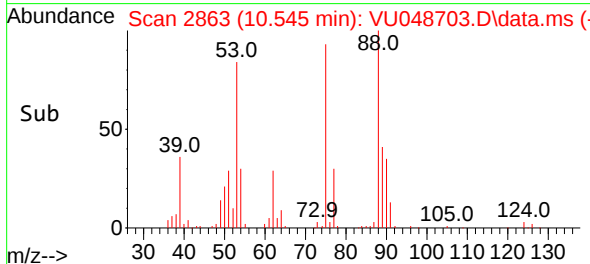
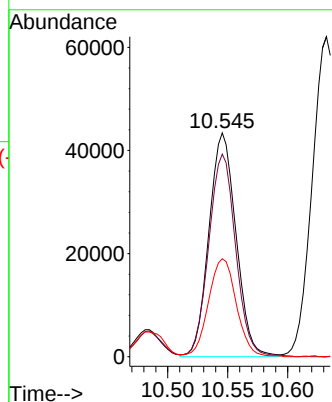
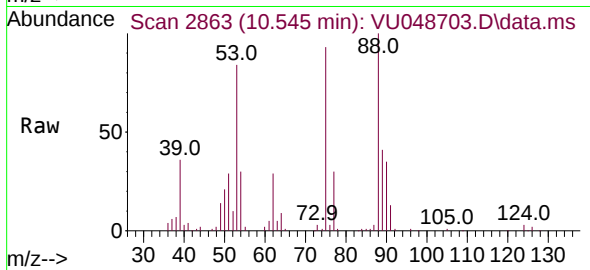




#81
trans-1,4-Dichloro-2-butene
Concen: 38.491 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

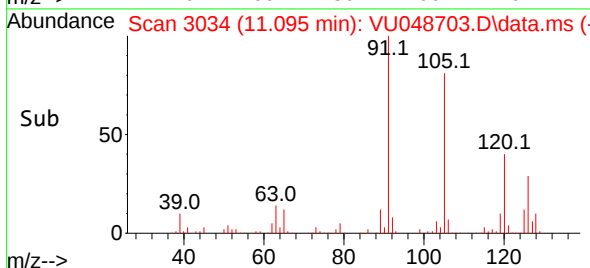
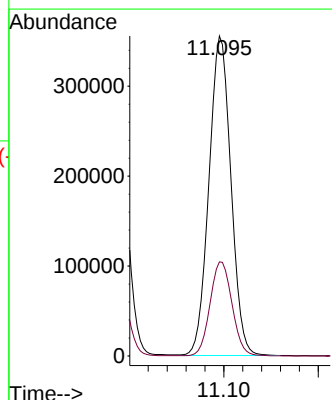
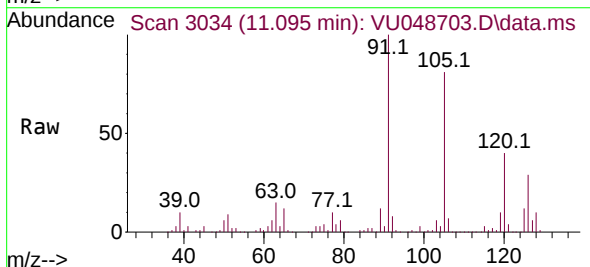
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

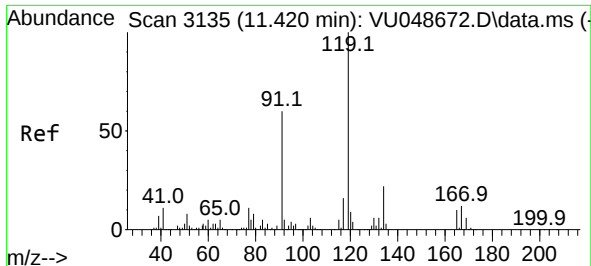
Tgt Ion: 75 Resp: 68138
Ion Ratio Lower Upper
75 100
53 90.1 72.5 108.7
89 45.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.071 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion: 91 Resp: 572958
Ion Ratio Lower Upper
91 100
126 29.5 14.4 43.2

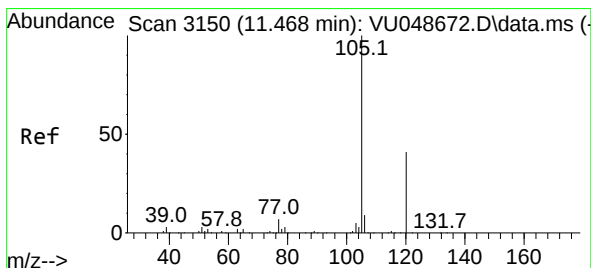
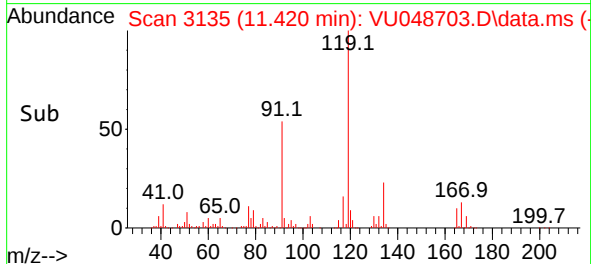
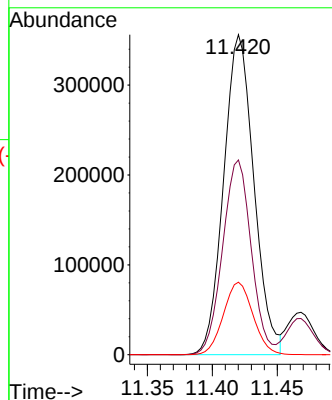
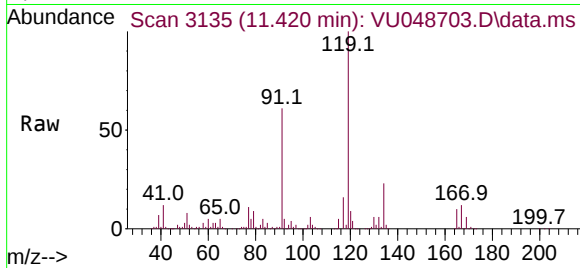




#83
tert-Butylbenzene
Concen: 53.761 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

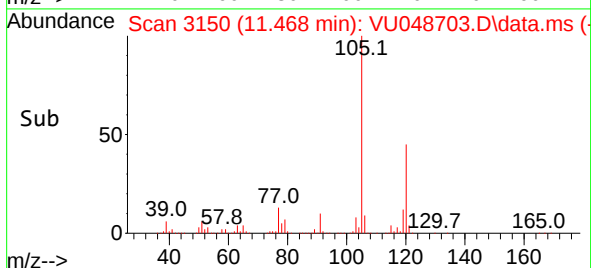
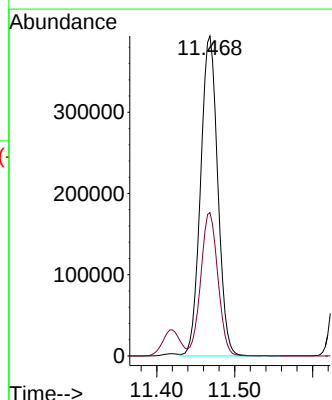
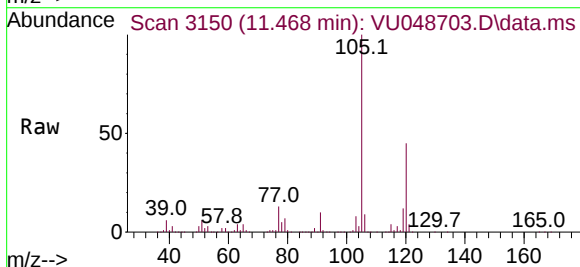
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

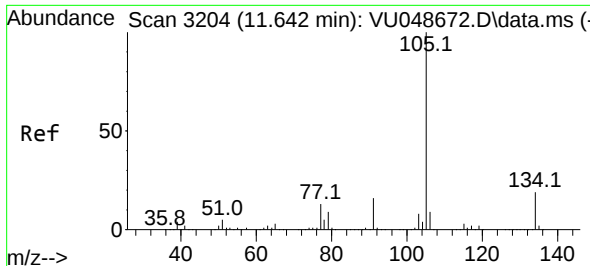
Tgt Ion:119 Resp: 577496
Ion Ratio Lower Upper
119 100
91 57.7 28.7 86.1
134 22.1 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 49.810 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion:105 Resp: 600751
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5

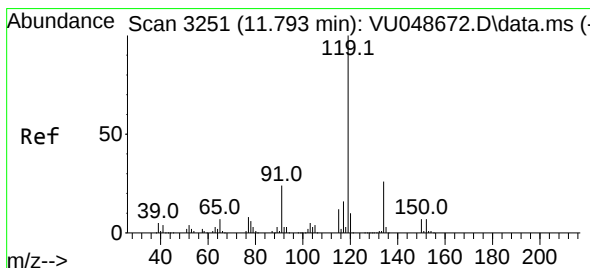
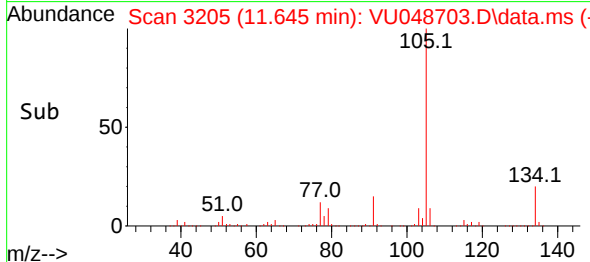
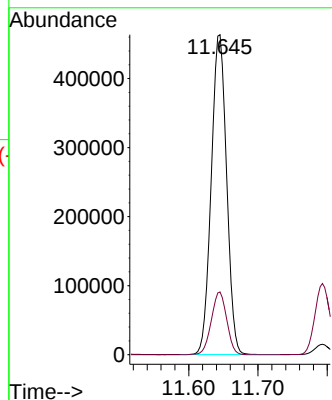
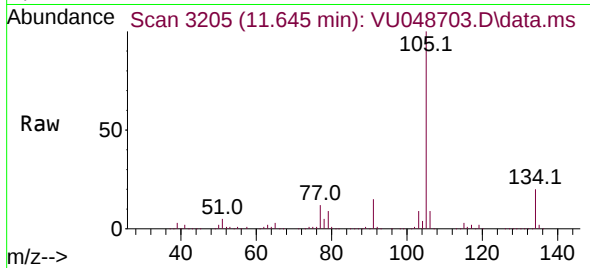




#85
 sec-Butylbenzene
 Concen: 52.972 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

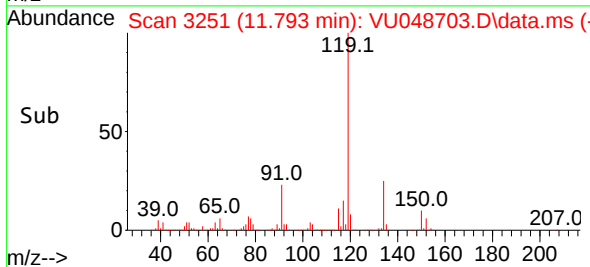
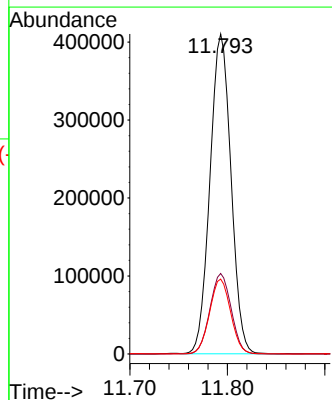
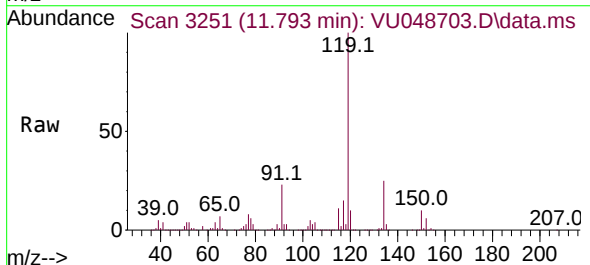
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MS

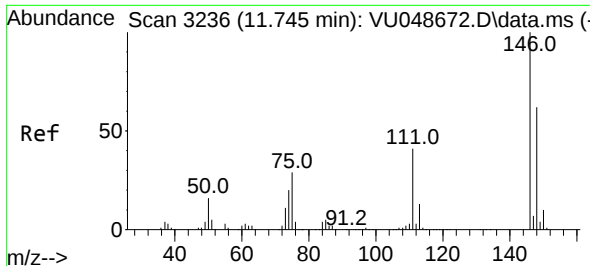
Tgt Ion:105 Resp: 711866
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 53.214 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048703.D
 Acq: 27 May 2022 18:59

Tgt Ion:119 Resp: 614109
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 23.6 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.887 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

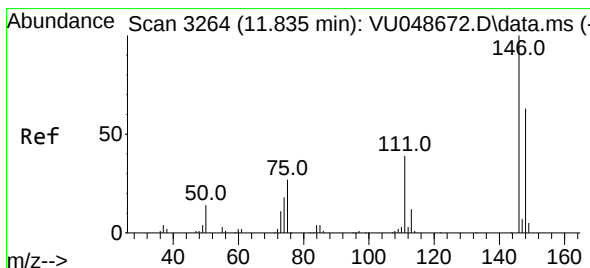
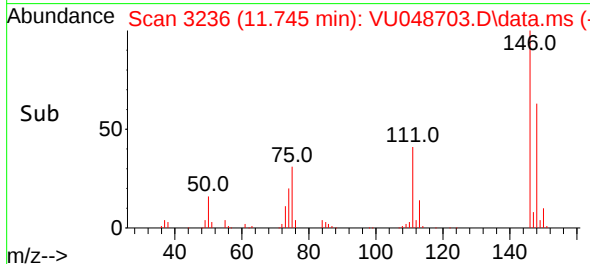
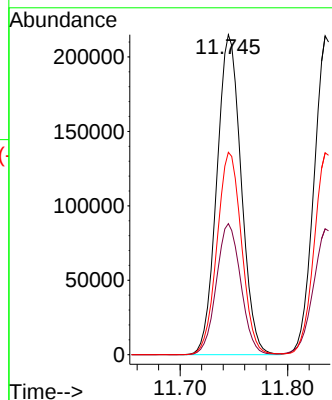
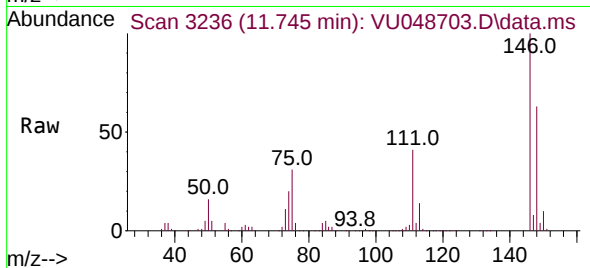
Tgt Ion:146 Resp: 338070

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.300 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

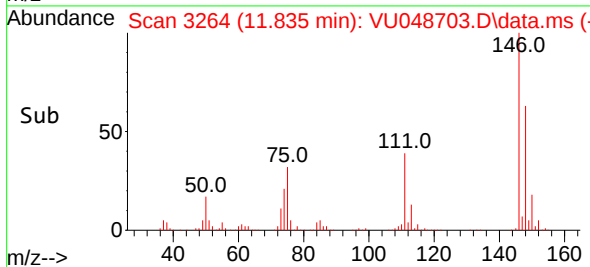
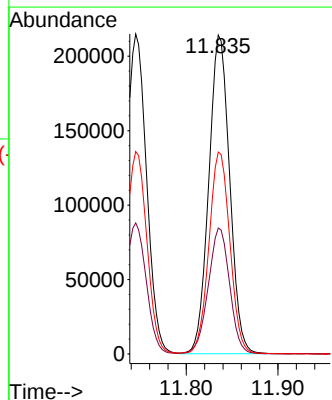
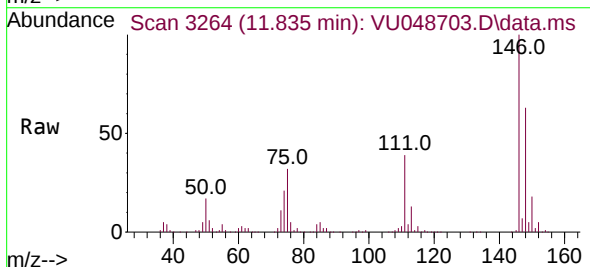
Tgt Ion:146 Resp: 338165

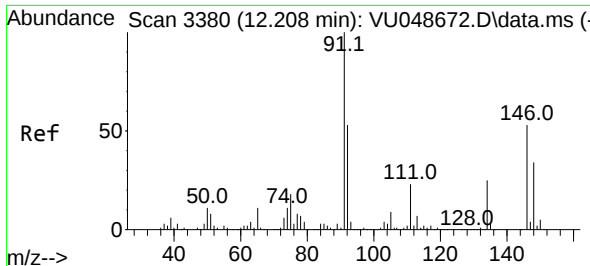
Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

148 63.6 32.4 97.0





#89

n-Butylbenzene

Concen: 44.553 ug/l

RT: 12.208 min Scan# 311

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

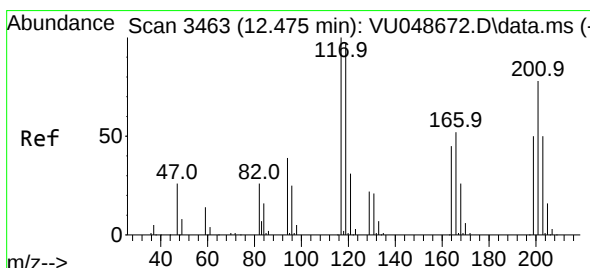
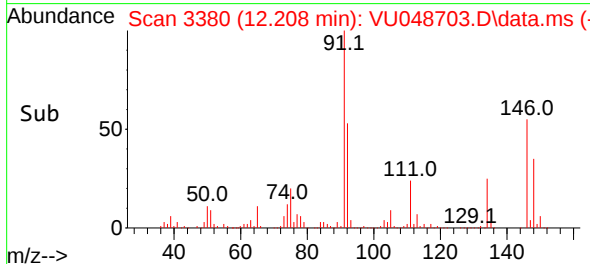
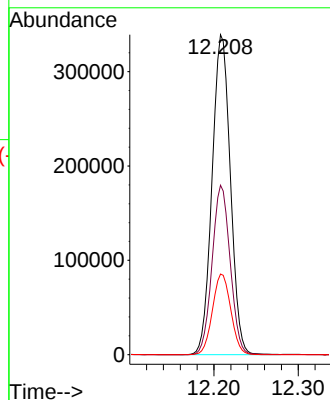
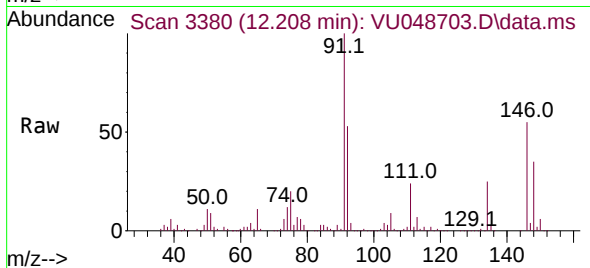
Tgt Ion: 91 Resp: 511767

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.8

134 25.2 12.5 37.5



#90

Hexachloroethane

Concen: 44.682 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.000 min

Lab File: VU048703.D

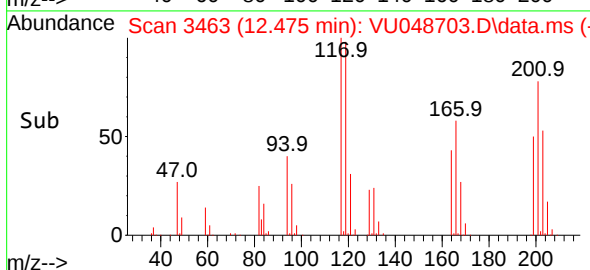
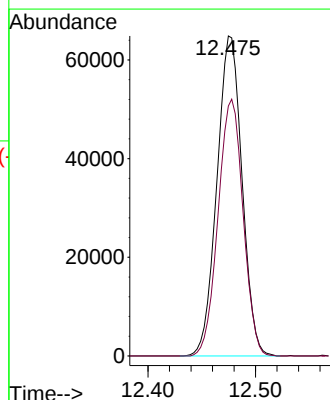
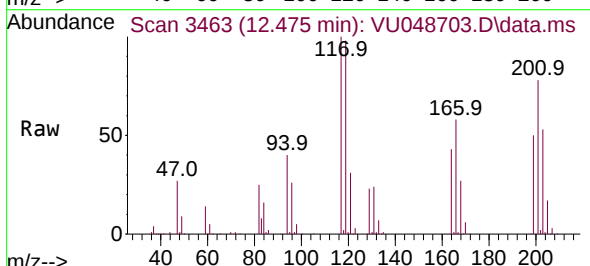
Acq: 27 May 2022 18:59

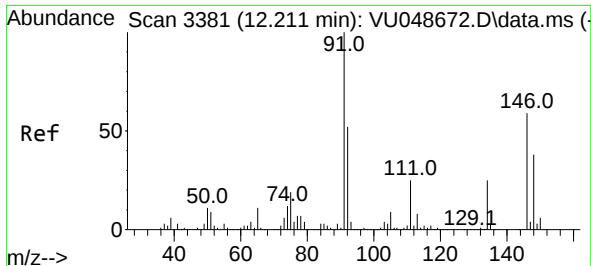
Tgt Ion:117 Resp: 105237

Ion Ratio Lower Upper

117 100

201 79.7 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 47.641 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

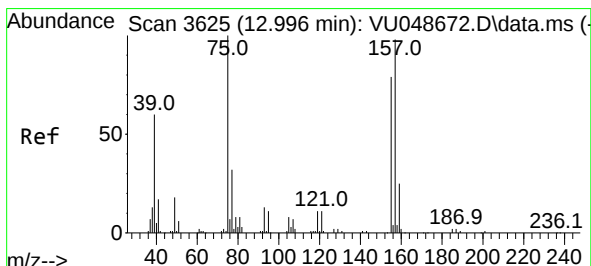
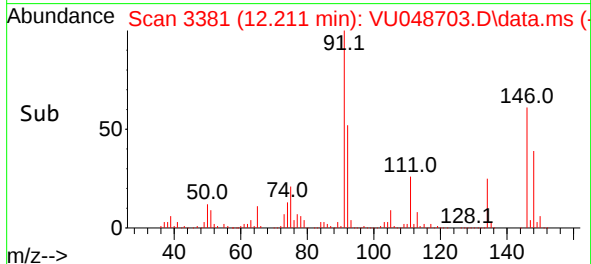
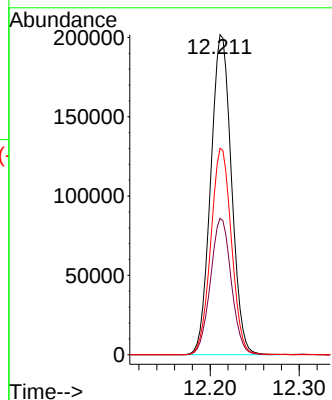
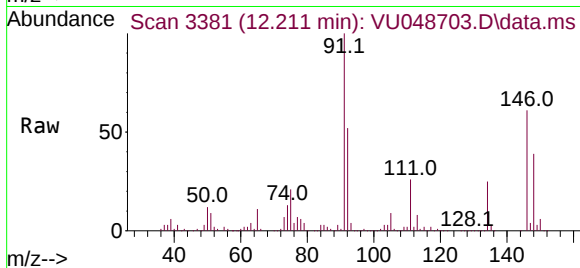
Tgt Ion:146 Resp: 326149

Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.3

148 64.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.221 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

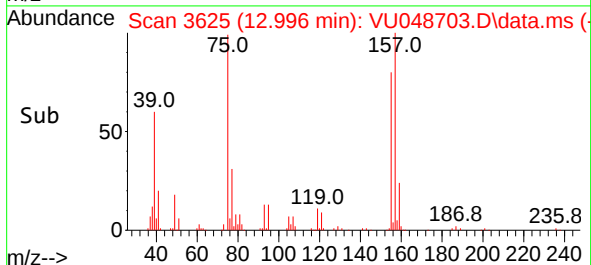
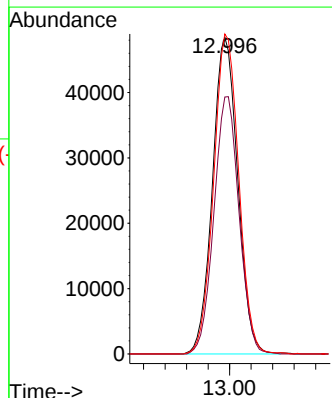
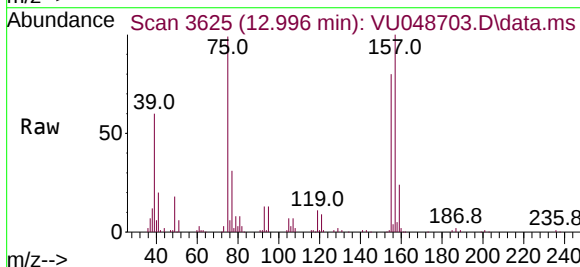
Tgt Ion: 75 Resp: 78969

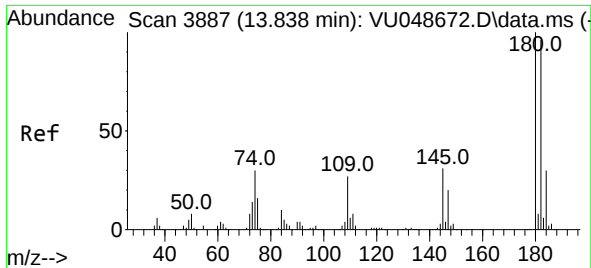
Ion Ratio Lower Upper

75 100

155 80.9 40.3 120.8

157 100.5 50.0 150.0

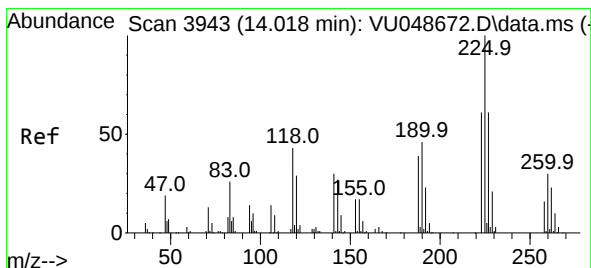
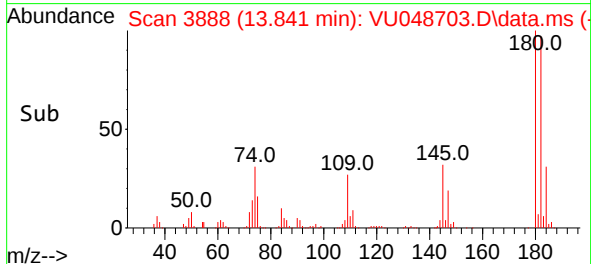
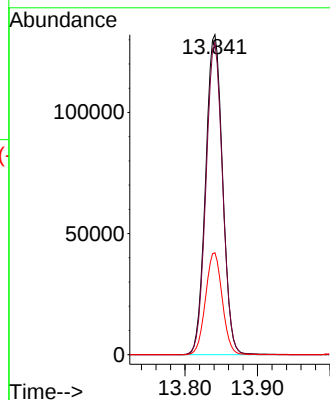
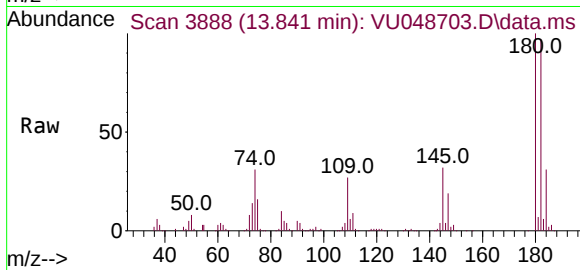




#93
1,2,4-Trichlorobenzene
Concen: 47.915 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

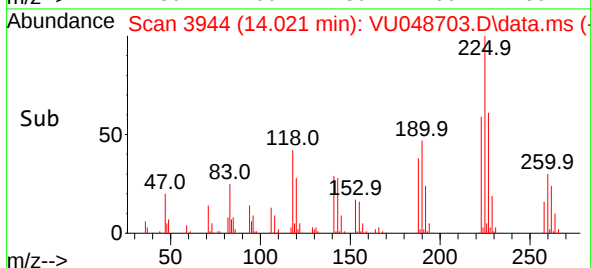
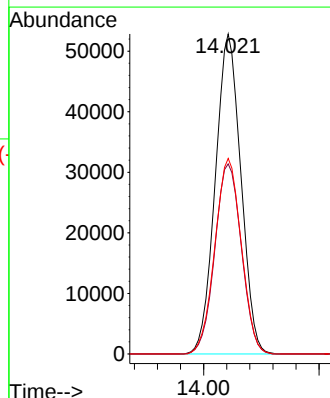
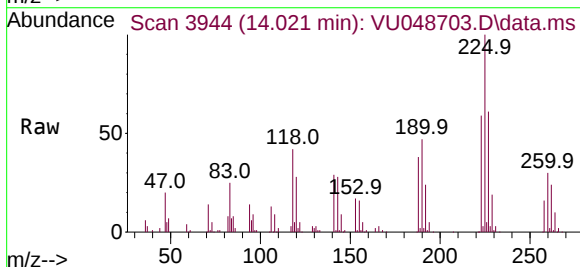
Instrument :
MSVOA_U
ClientSampleId :
MW-1MS

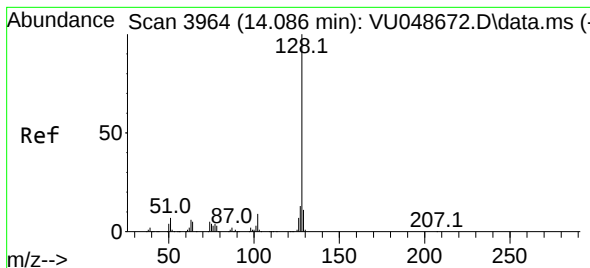
Tgt Ion:180 Resp: 215254
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 31.3 15.6 46.7



#94
Hexachlorobutadiene
Concen: 37.761 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048703.D
Acq: 27 May 2022 18:59

Tgt Ion:225 Resp: 81309
Ion Ratio Lower Upper
225 100
223 61.6 30.9 92.8
227 63.1 31.1 93.5





#95

Naphthalene

Concen: 48.097 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1MS

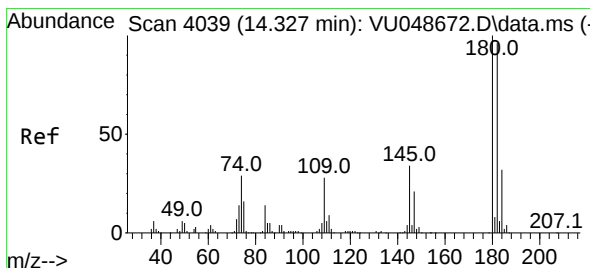
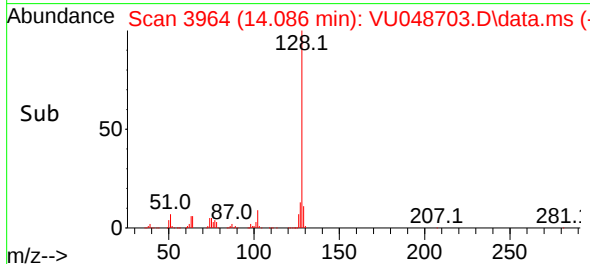
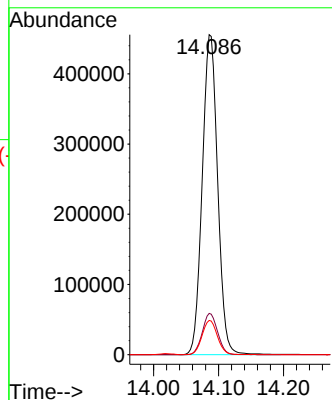
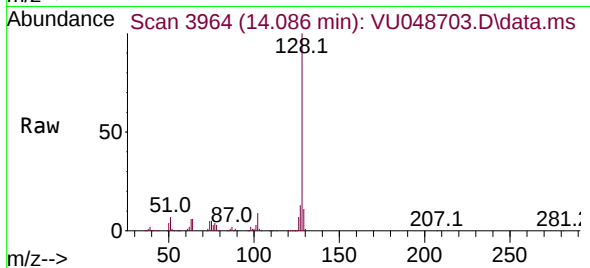
Tgt Ion:128 Resp: 753118

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.352 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048703.D

Acq: 27 May 2022 18:59

Tgt Ion:180 Resp: 219593

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 33.1 16.6 49.8

