

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048705.D
 Acq On : 27 May 2022 19:46
 Operator : SY/MD
 Sample : N3056-10MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02MS

Quant Time: May 28 00:24:43 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	5.372	168	240120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	411786	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	391843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	183905	50.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.000%
35) Dibromofluoromethane	5.288	113	144354	49.137	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.280%
50) Toluene-d8	7.899	98	534225	50.729	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.460%
62) 4-Bromofluorobenzene	10.632	95	212606	53.383	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	131182	47.723	ug/l	99
3) Chloromethane	1.520	50	167618	47.368	ug/l	99
4) Vinyl Chloride	1.604	62	167749	51.183	ug/l	99
5) Bromomethane	1.845	94	71882	38.400	ug/l	99
6) Chloroethane	1.928	64	98599	55.040	ug/l	100
7) Trichlorofluoromethane	2.134	101	220021	47.005	ug/l	98
8) Diethyl Ether	2.375	74	85262	49.361	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.581	101	119756	46.739	ug/l	99
10) Methyl Iodide	2.719	142	182114	47.979	ug/l	98
11) Tert butyl alcohol	3.173	59	253840	277.646	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	121101	49.552	ug/l	99
13) Acrolein	2.481	56	48261	157.724	ug/l #	66
14) Allyl chloride	2.922	41	228712	48.317	ug/l	95
15) Acrylonitrile	3.308	53	581708	293.368	ug/l	95
16) Acetone	2.620	43	559372	304.373	ug/l	98
17) Carbon Disulfide	2.790	76	337700	47.334	ug/l	100
18) Methyl Acetate	2.944	43	219383	47.545	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	608446	65.614	ug/l #	1
20) Methylene Chloride	3.044	84	156447	50.060	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	137200	49.078	ug/l	96
22) Diisopropyl ether	3.993	45	471469	53.996	ug/l	91
23) Vinyl Acetate	3.954	43	1661832	219.671	ug/l	99
24) 1,1-Dichloroethane	3.867	63	277618	50.625	ug/l	99
25) 2-Butanone	4.697	43	788561	298.681	ug/l	98
26) 2,2-Dichloropropane	4.665	77	111064	22.575	ug/l	94
27) cis-1,2-Dichloroethene	4.668	96	164164	50.733	ug/l	93
28) Bromochloromethane	4.973	49	108986	50.668	ug/l	99
29) Tetrahydrofuran	5.047	42	468455	281.692	ug/l	98
30) Chloroform	5.089	83	289768	52.810	ug/l	99
31) Cyclohexane	5.388	56	372570	81.981	ug/l	99
32) 1,1,1-Trichloroethane	5.317	97	236794	47.567	ug/l	100
36) 1,1-Dichloropropene	5.526	75	196418	45.810	ug/l	99
37) Ethyl Acetate	4.800	43	225689	41.637	ug/l	99
38) Carbon Tetrachloride	5.523	117	213127	43.327	ug/l	100
39) Methylcyclohexane	6.764	83	360456	80.178	ug/l	99
40) Benzene	5.774	78	2940221	232.276	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	142463	52.011	ug/l	98
42) 1,2-Dichloroethane	5.793	62	242197	48.878	ug/l	96
43) Isopropyl Acetate	5.909	43	491256	62.444	ug/l #	79
44) Trichloroethene	6.542	130	147372	45.190	ug/l	98
45) 1,2-Dichloropropane	6.790	63	170316	53.445	ug/l	99
46) Dibromomethane	6.919	93	116077	48.754	ug/l	94
47) Bromodichloromethane	7.105	83	223462	46.412	ug/l	98
48) Methyl methacrylate	6.957	41	204825	57.996	ug/l	95
49) 1,4-Dioxane	6.960	88	79169	1002.775	ug/l	95
51) 4-Methyl-2-Pentanone	7.790	43	1448984	283.651	ug/l	100
52) Toluene	7.970	92	418201	55.233	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	227899	43.879	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	228702	42.494	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	199650	59.747	ug/l	98
56) Ethyl methacrylate	8.333	69	262845	49.789	ug/l	95
57) 1,3-Dichloropropane	8.574	76	264935	47.107	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.449	63	689	30.266	ug/l #	47
59) 2-Hexanone	8.684	43	1120079	267.081	ug/l	99
60) Dibromochloromethane	8.809	129	169813	45.334	ug/l	99
61) 1,2-Dibromoethane	8.925	107	163896	44.536	ug/l	92
64) Tetrachloroethene	8.552	164	119292	43.702	ug/l	97
65) Chlorobenzene	9.446	112	400358	48.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	153687	48.856	ug/l	99
67) Ethyl Benzene	9.574	91	11598583	829.789	ug/l	99
68) m/p-Xylenes	9.697	106	3880220	709.773	ug/l	100
69) o-Xylene	10.102	106	551643	102.709	ug/l	99
70) Styrene	10.115	104	498120	56.385	ug/l	92
71) Bromoform	10.291	173	148792	51.157	ug/l #	99
73) Isopropylbenzene	10.484	105	1640877	115.186	ug/l	100
74) N-amyl acetate	10.320	43	295826	41.461	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	298292	51.311	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	324025	45.544	ug/l	100
77) Bromobenzene	10.783	156	190564	49.810	ug/l	98
78) n-propylbenzene	10.906	91	3010852	177.373	ug/l	99
79) 2-Chlorotoluene	10.989	91	630494	59.728	ug/l	91
80) 1,3,5-Trimethylbenzene	11.089	105	2681333	216.440	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	75113	38.334	ug/l	98
82) 4-Chlorotoluene	11.095	91	829239	68.085	ug/l	87
83) tert-Butylbenzene	11.423	119	653887	54.995	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	14345431	1050.148	ug/l	98
85) sec-Butylbenzene	11.645	105	881182	59.240	ug/l	94
86) p-Isopropyltoluene	11.796	119	730639	57.199	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	362950	48.387	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	371469	47.934	ug/l	99
89) n-Butylbenzene	12.208	91	863399	66.761	ug/l #	78
90) Hexachloroethane	12.471	117	239263	91.779	ug/l #	53
91) 1,2-Dichlorobenzene	12.211	146	353952	46.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	109484	65.409	ug/l	81
93) 1,2,4-Trichlorobenzene	13.841	180	250456	50.368	ug/l	97
94) Hexachlorobutadiene	14.021	225	90766	38.082	ug/l	97
95) Naphthalene	14.089	128	8667069	476.262	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	250494	50.861	ug/l	95

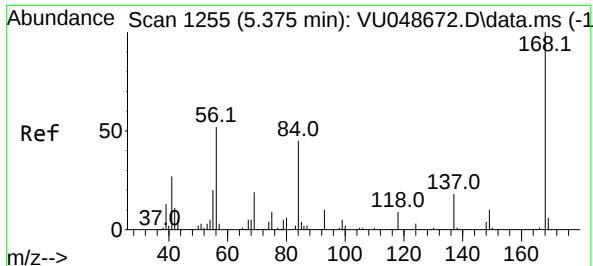
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Response via : Initial Calibration

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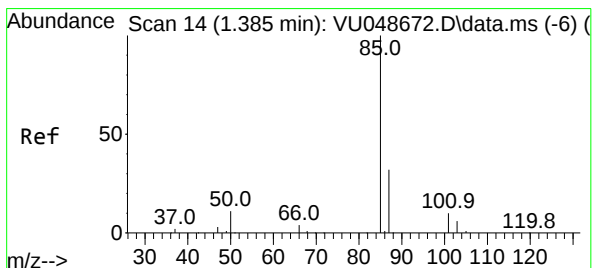
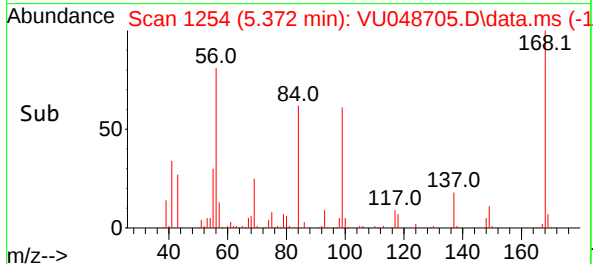
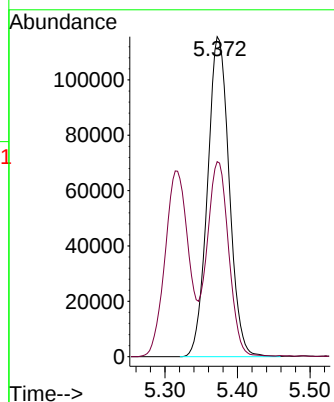
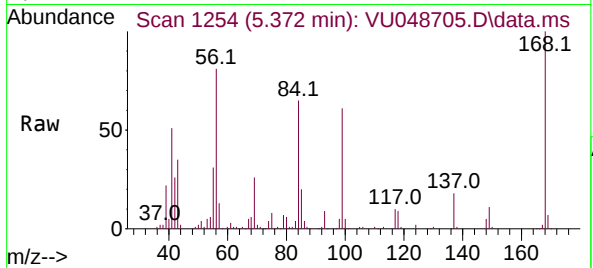
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

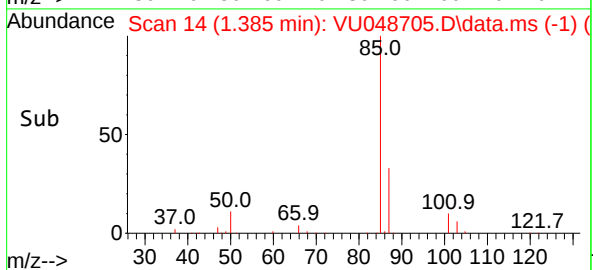
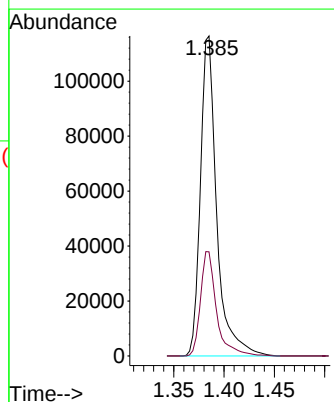
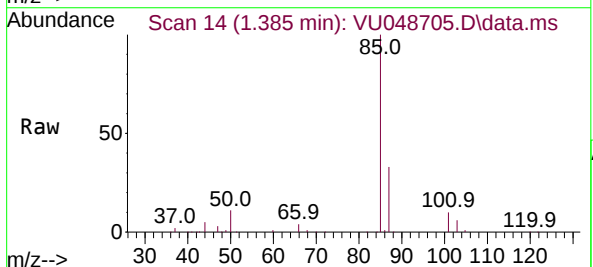
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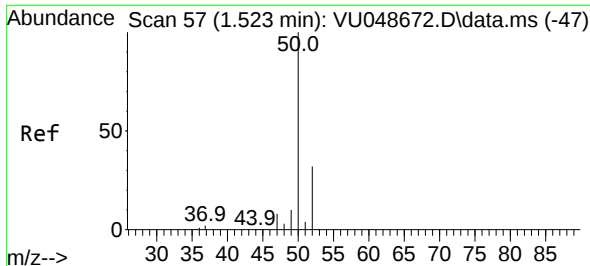
Tgt Ion:168 Resp: 240120
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 47.723 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 85 Resp: 131182
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

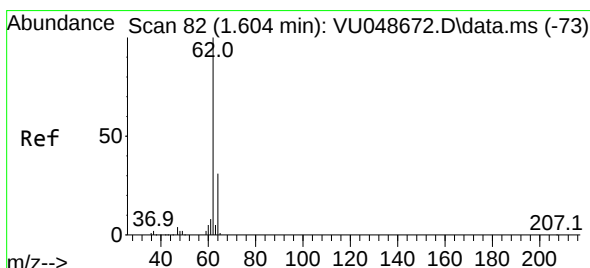
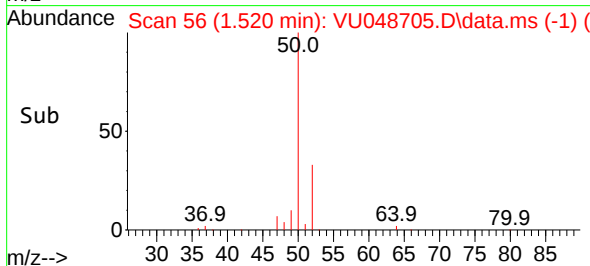
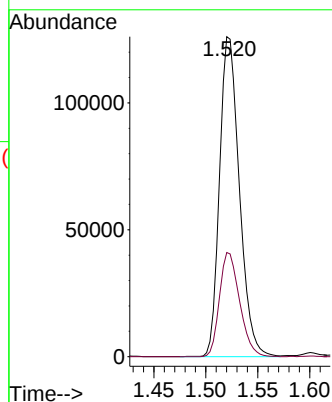
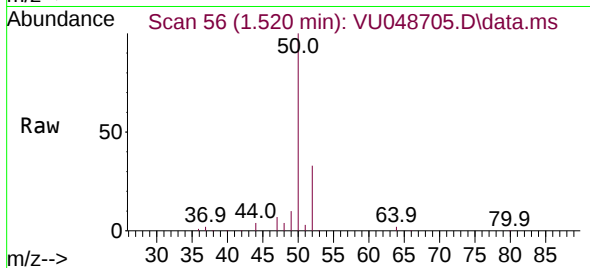




#3
Chloromethane
Concen: 47.368 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048705.D
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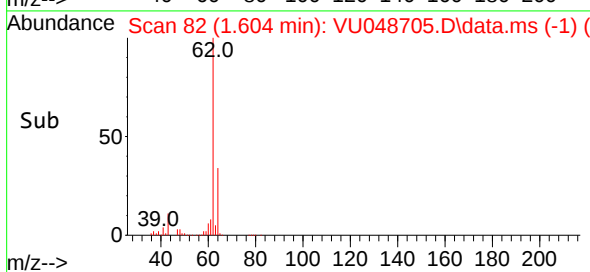
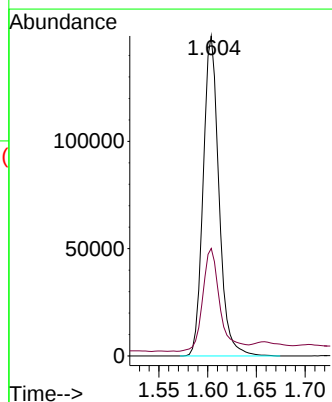
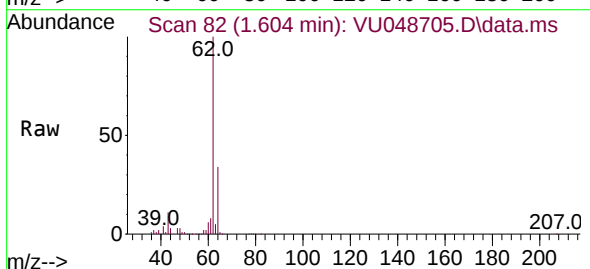
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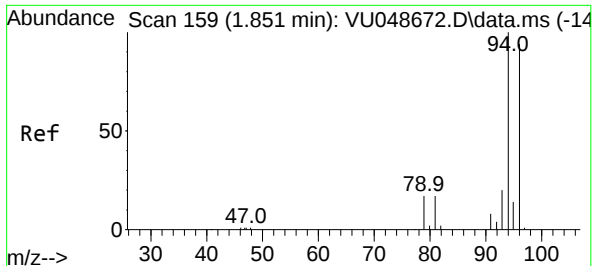
Tgt Ion: 50 Resp: 167618
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5



#4
Vinyl Chloride
Concen: 51.183 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 62 Resp: 167749
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8

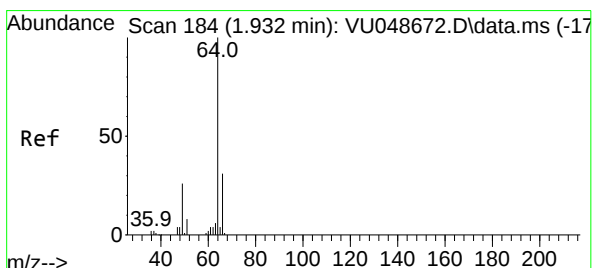
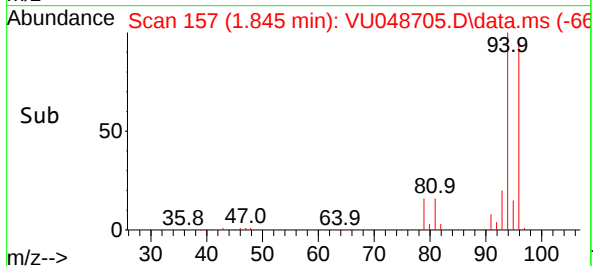
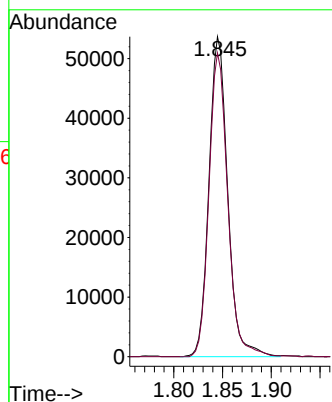
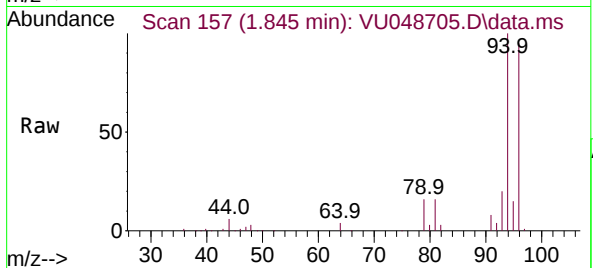




#5
Bromomethane
Concen: 38.400 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

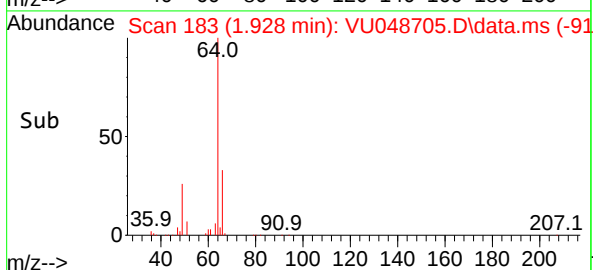
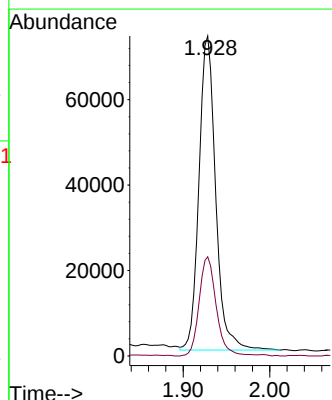
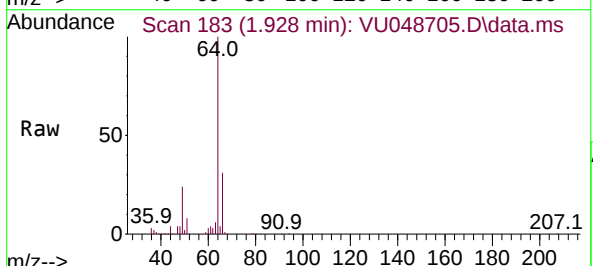
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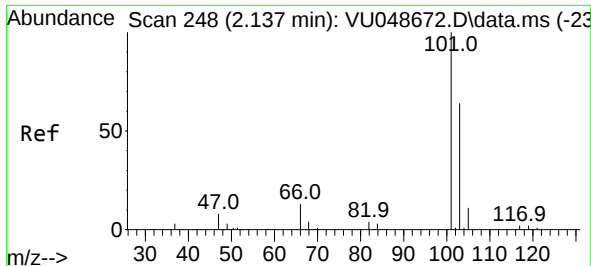
Tgt Ion: 94 Resp: 71882
Ion Ratio Lower Upper
94 100
96 94.9 75.1 112.7



#6
Chloroethane
Concen: 55.040 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.004 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 64 Resp: 98599
Ion Ratio Lower Upper
64 100
66 31.6 25.2 37.8

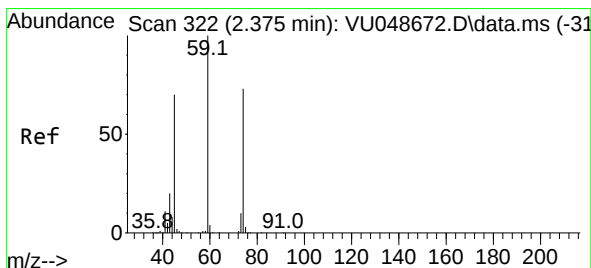
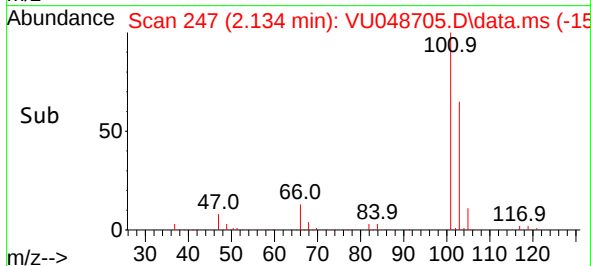
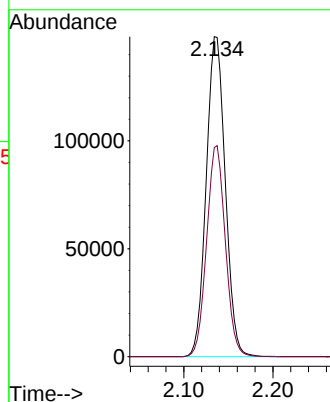
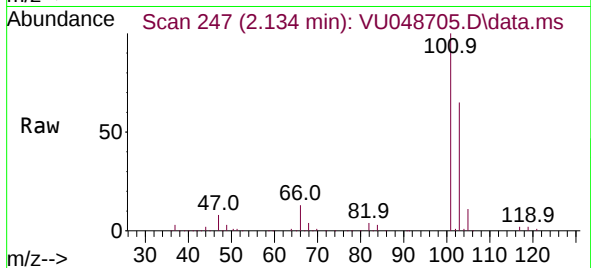




#7
Trichlorofluoromethane
Concen: 47.005 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

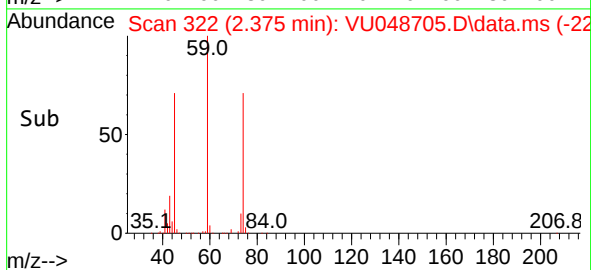
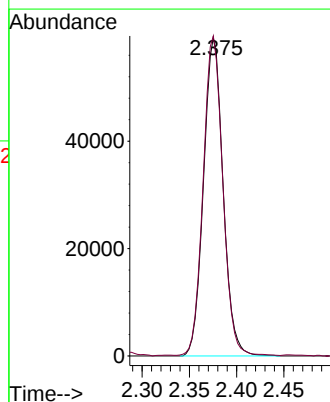
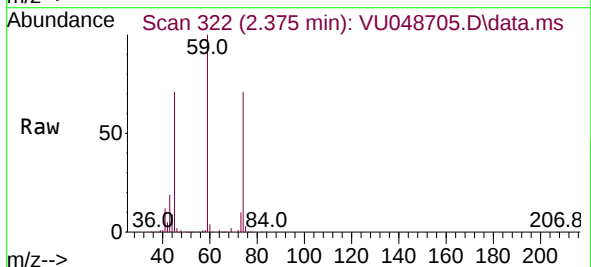
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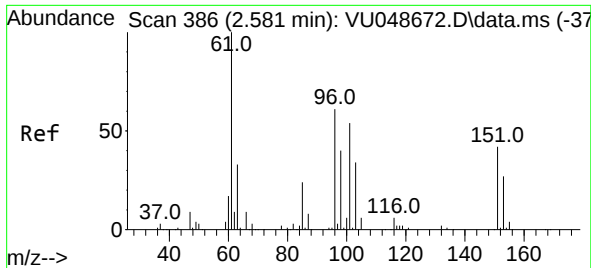
Tgt Ion:101 Resp: 220021
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4



#8
Diethyl Ether
Concen: 49.361 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 74 Resp: 85262
Ion Ratio Lower Upper
74 100
45 100.4 47.7 143.1

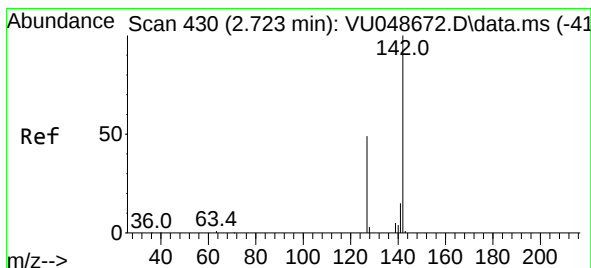
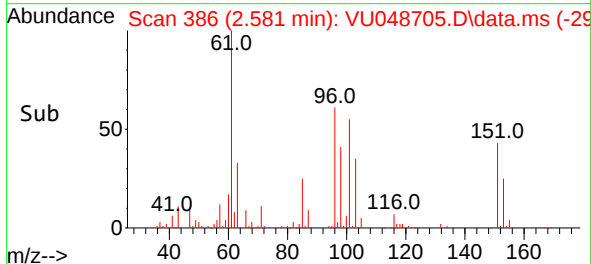
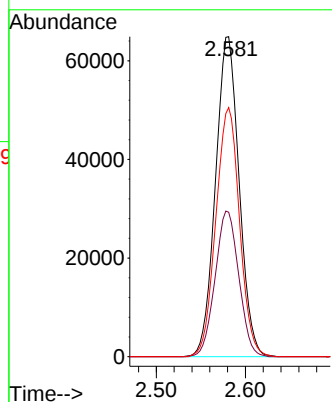
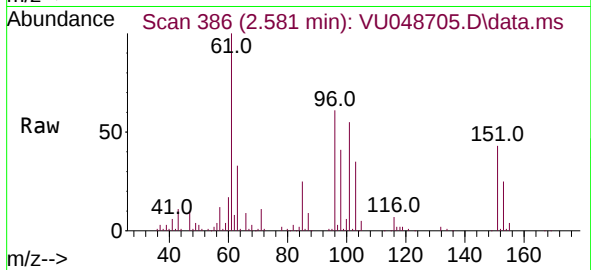




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.739 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048705.D
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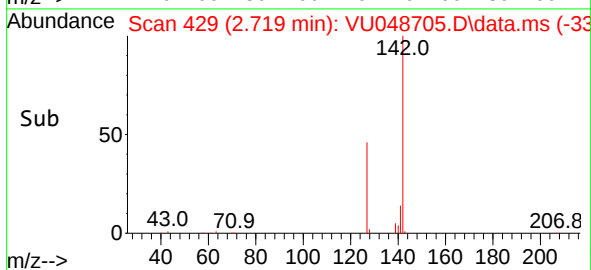
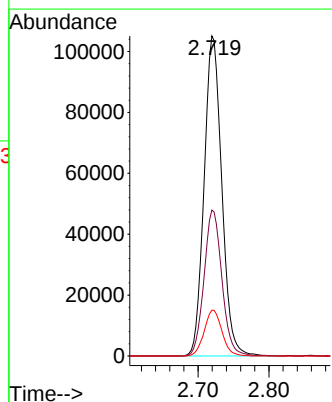
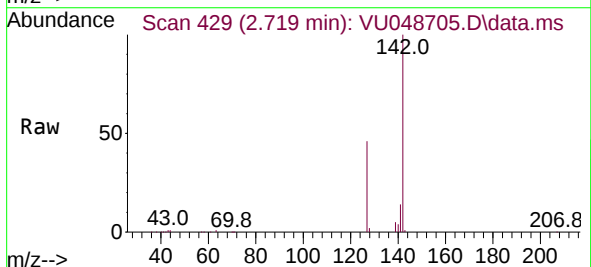
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

Tgt Ion:101 Resp: 119756
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.2
151 78.0 62.5 93.7



#10
Methyl Iodide
Concen: 47.979 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion:142 Resp: 182114
Ion Ratio Lower Upper
142 100
127 46.0 38.4 57.6
141 14.4 11.5 17.3

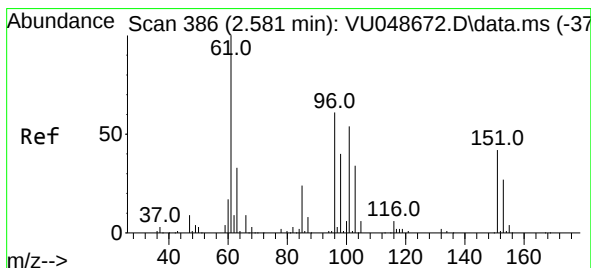
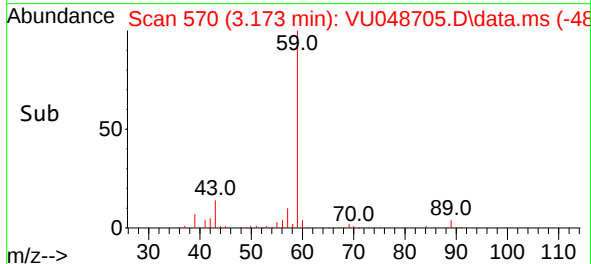
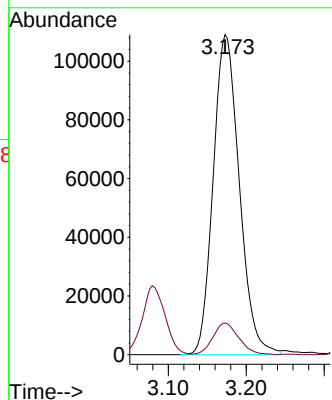
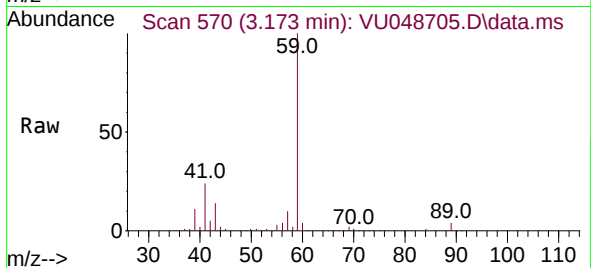




#11
Tert butyl alcohol
Concen: 277.646 ug/l
RT: 3.173 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

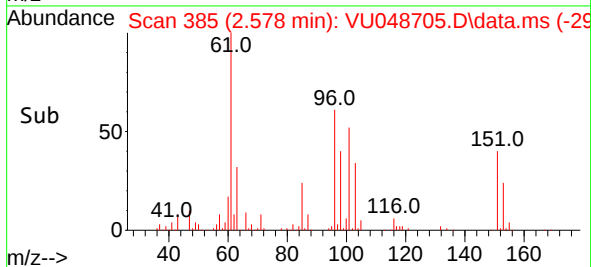
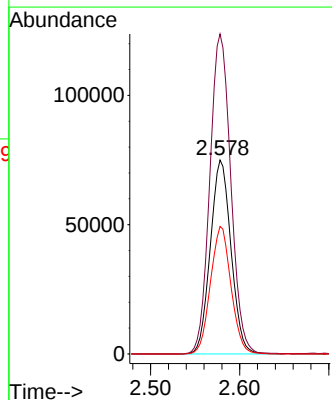
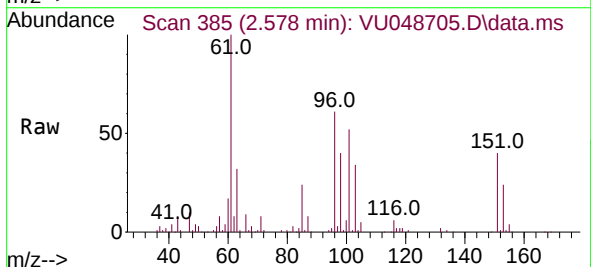
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

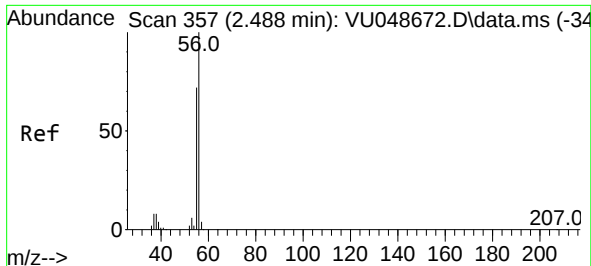
Tgt Ion: 59 Resp: 253840
Ion Ratio Lower Upper
59 100
57 9.8 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 49.552 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 96 Resp: 121101
Ion Ratio Lower Upper
96 100
61 165.0 131.1 196.7
98 65.7 51.8 77.8

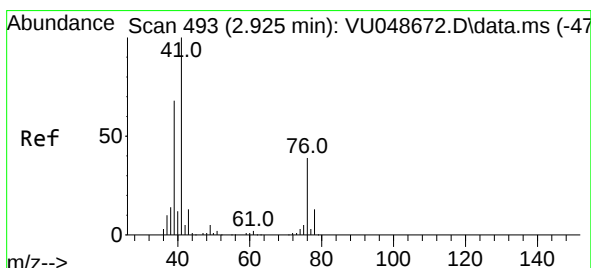
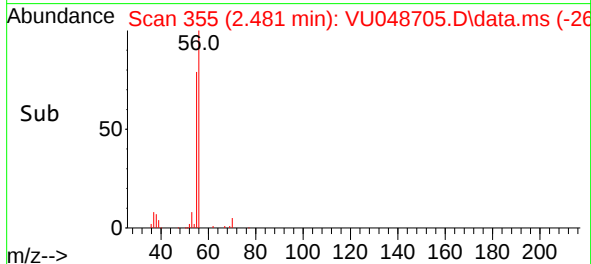
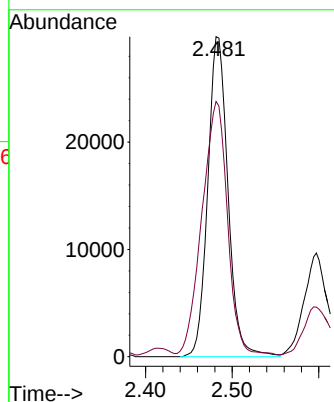
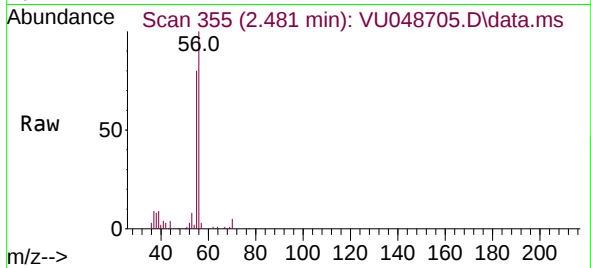




#13
Acrolein
Concen: 157.724 ug/l
RT: 2.481 min Scan# 355
Delta R.T. -0.007 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

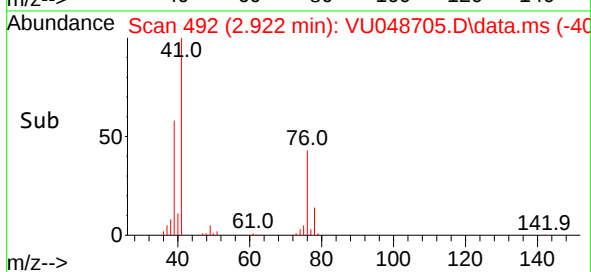
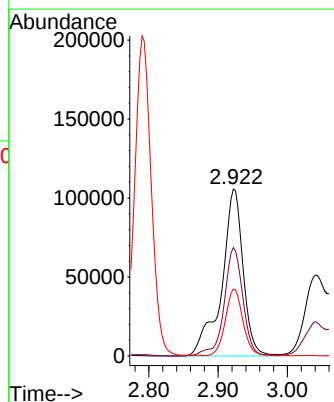
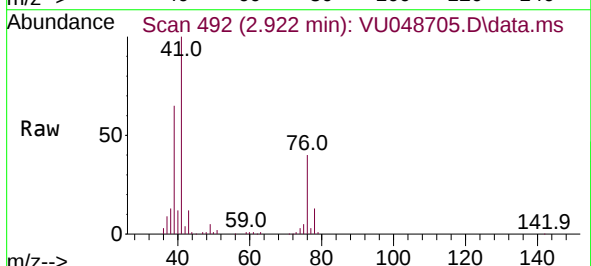
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

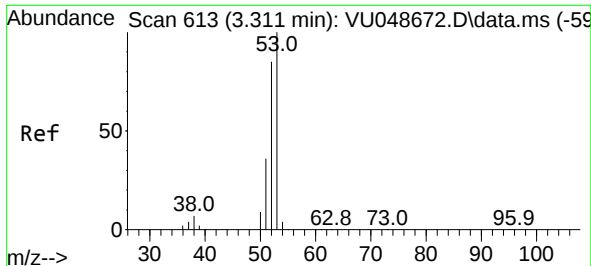
Tgt Ion: 56 Resp: 48261
Ion Ratio Lower Upper
56 100
55 100.7 57.7 86.5#



#14
Allyl chloride
Concen: 48.317 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 41 Resp: 228712
Ion Ratio Lower Upper
41 100
39 56.3 48.6 72.8
76 32.4 27.0 40.4

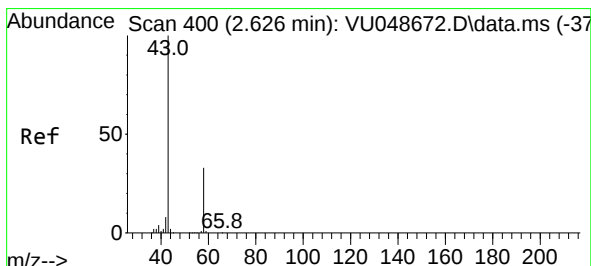
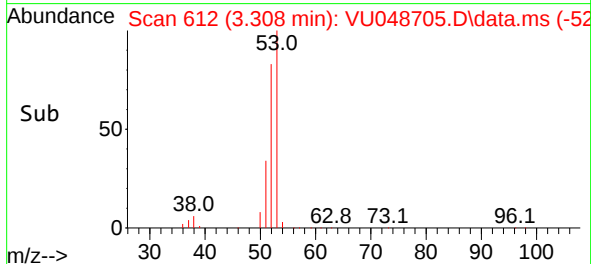
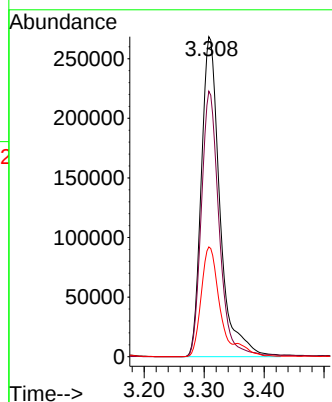
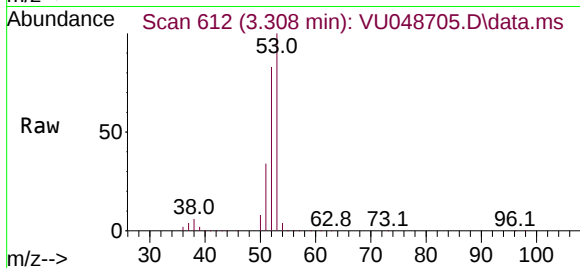




#15
Acrylonitrile
Concen: 293.368 ug/l
RT: 3.308 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

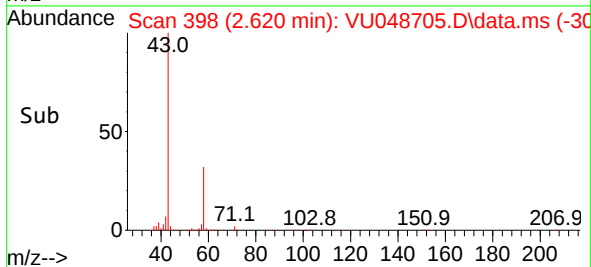
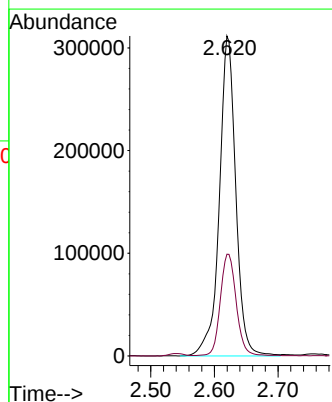
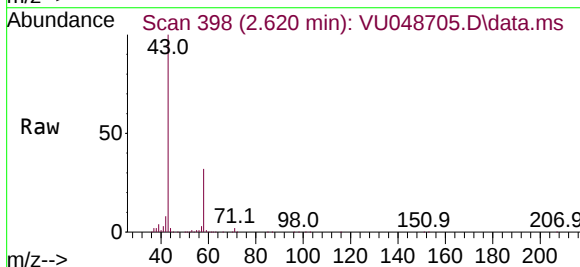
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

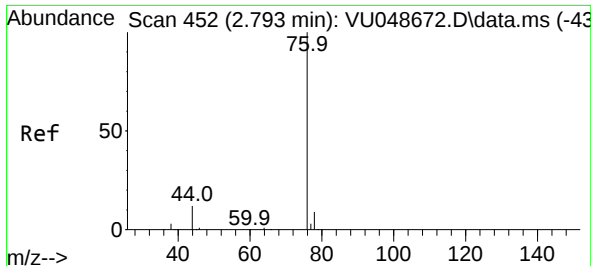
Tgt Ion: 53 Resp: 581708
Ion Ratio Lower Upper
53 100
52 78.7 66.3 99.5
51 32.7 28.6 42.8



#16
Acetone
Concen: 304.373 ug/l
RT: 2.620 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 43 Resp: 559372
Ion Ratio Lower Upper
43 100
58 31.6 26.3 39.5

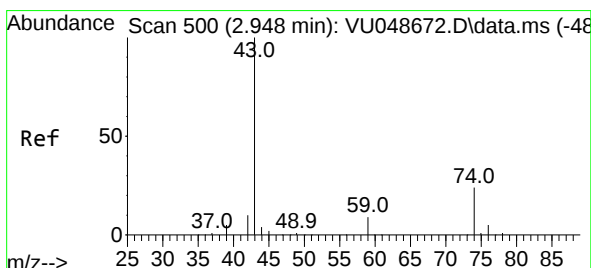
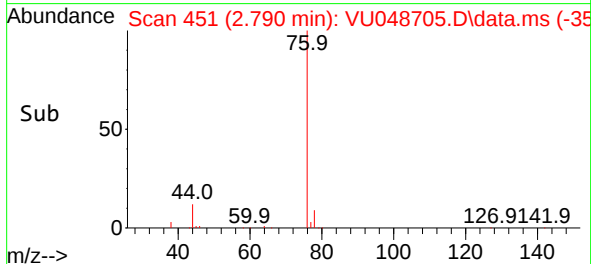
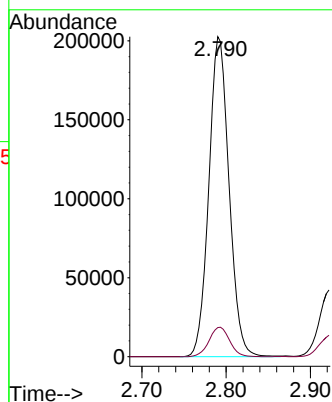
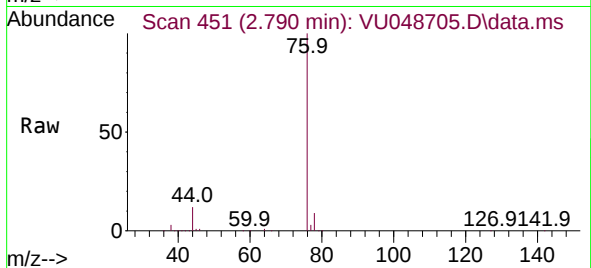




#17
Carbon Disulfide
Concen: 47.334 ug/l
RT: 2.790 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

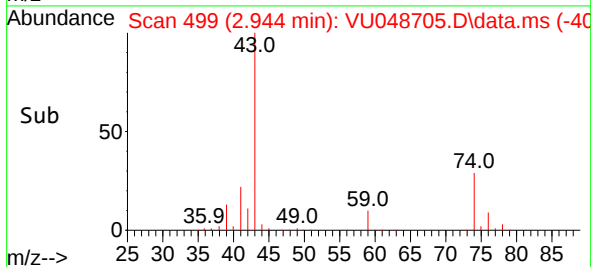
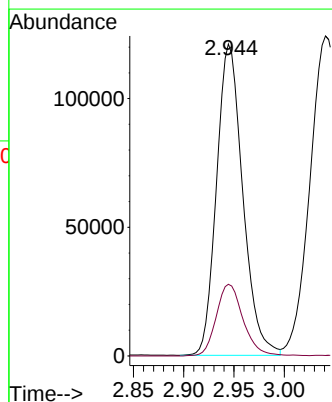
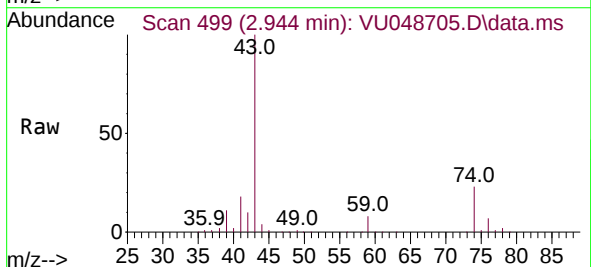
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

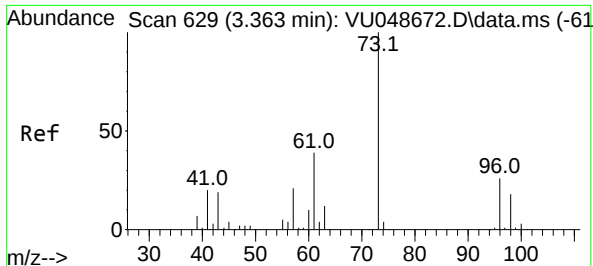
Tgt Ion: 76 Resp: 337700
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 47.545 ug/l
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 43 Resp: 219383
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 65.614 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

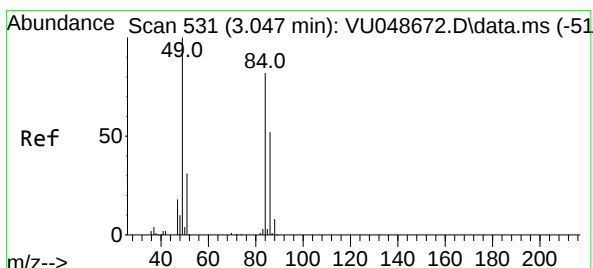
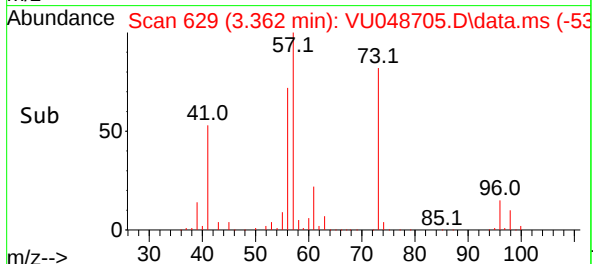
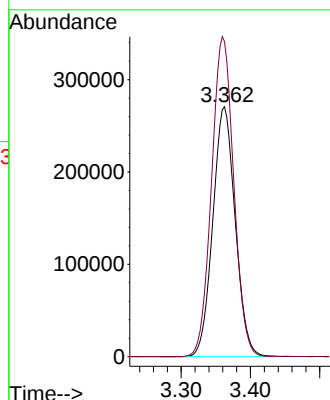
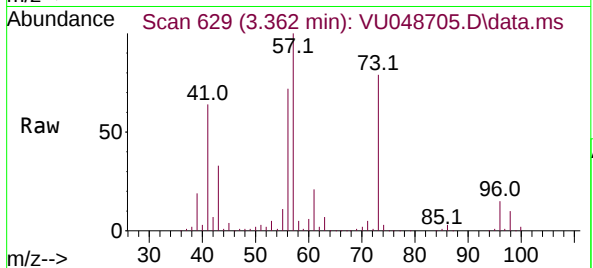
MW-02MS

Tgt Ion: 73 Resp: 608446

Ion Ratio Lower Upper

73 100

57 126.1 17.1 25.7#



#20

Methylene Chloride

Concen: 50.060 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Tgt Ion: 84 Resp: 156447

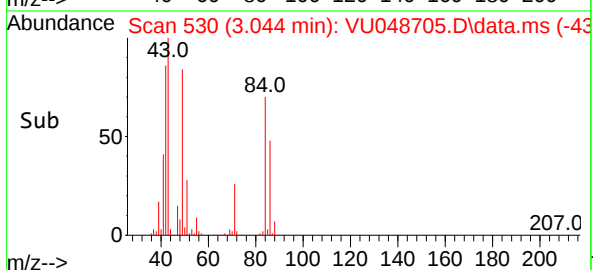
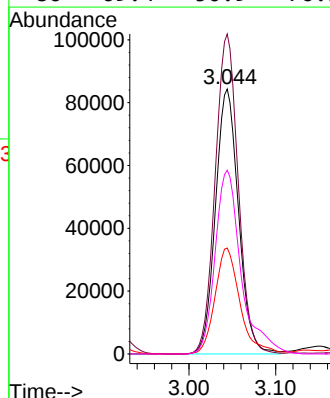
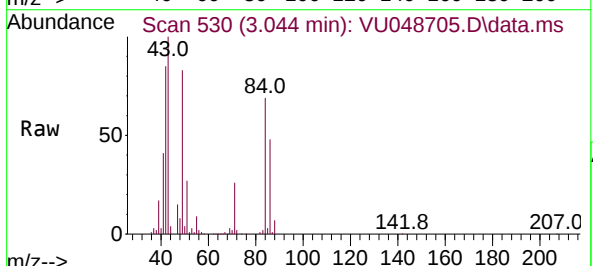
Ion Ratio Lower Upper

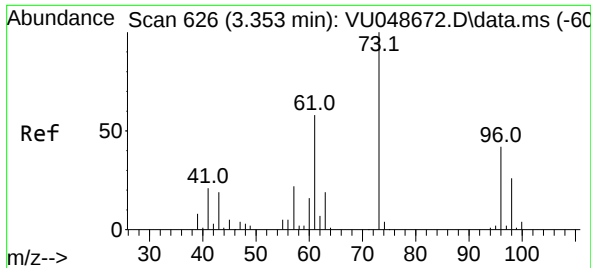
84 100

49 120.8 97.0 145.4

51 40.0 29.8 44.8

86 69.4 50.9 76.3

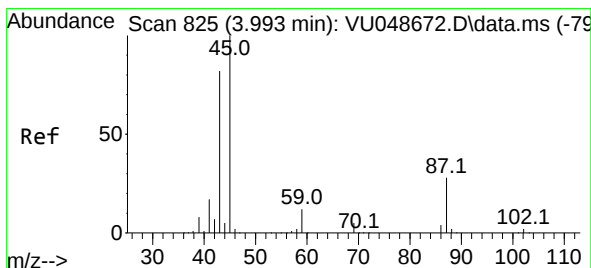
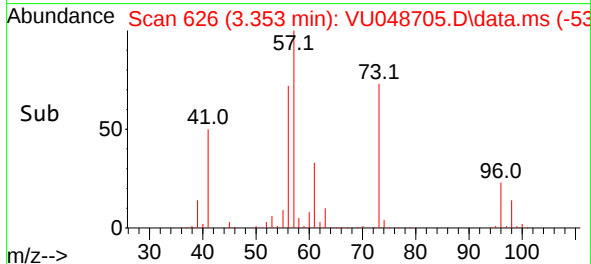
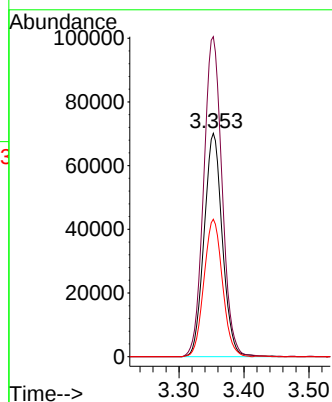
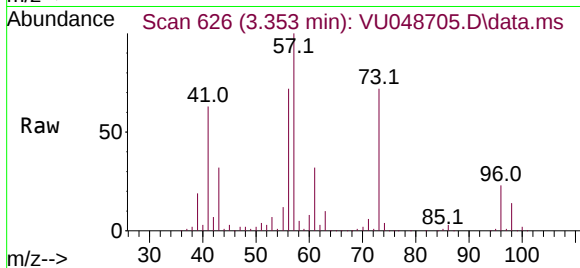




#21
trans-1,2-Dichloroethene
Concen: 49.078 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

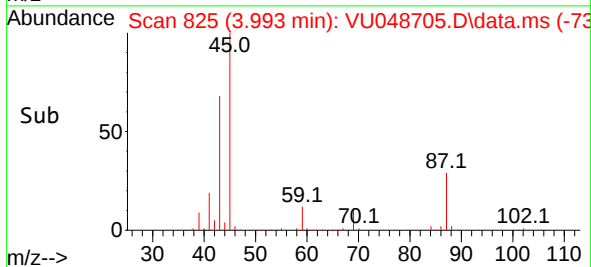
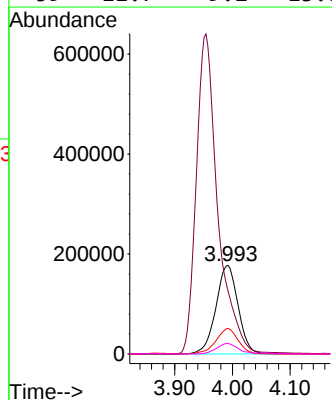
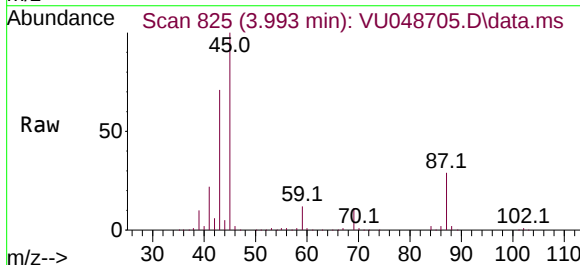
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

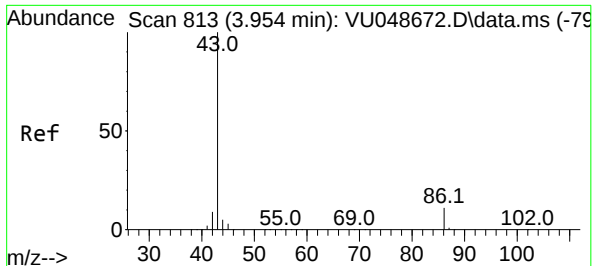
Tgt Ion: 96 Resp: 137200
Ion Ratio Lower Upper
96 100
61 143.2 109.4 164.2
98 61.5 48.9 73.3



#22
Diisopropyl ether
Concen: 53.996 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 45 Resp: 471469
Ion Ratio Lower Upper
45 100
43 69.7 65.2 97.8
87 28.8 22.7 34.1
59 11.7 9.2 13.8

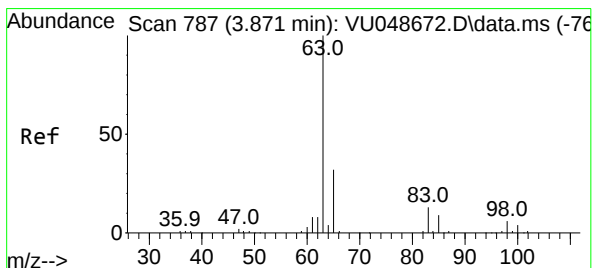
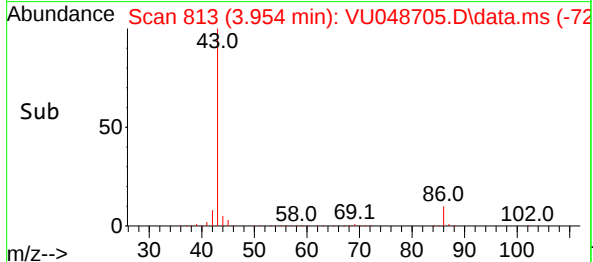
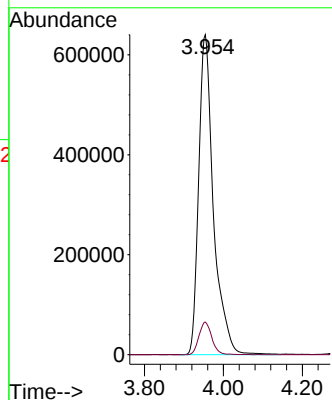
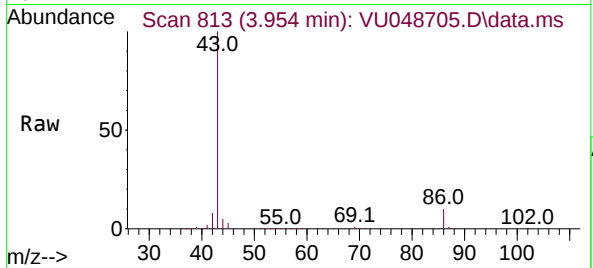




#23
 Vinyl Acetate
 Concen: 219.671 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

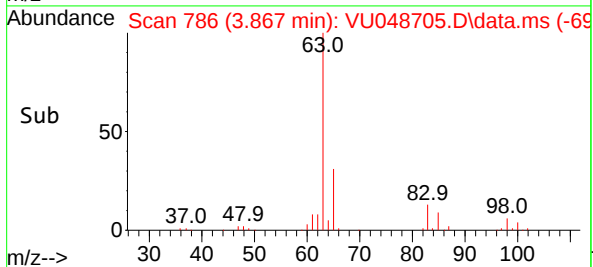
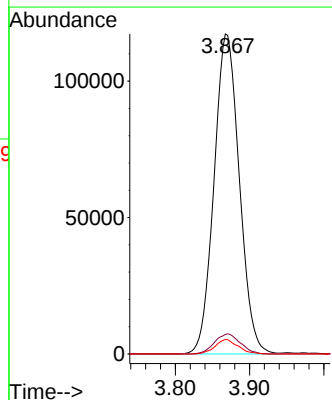
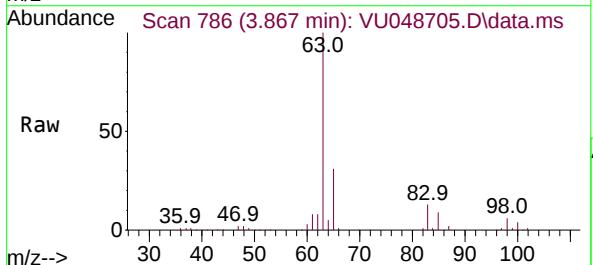
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02MS

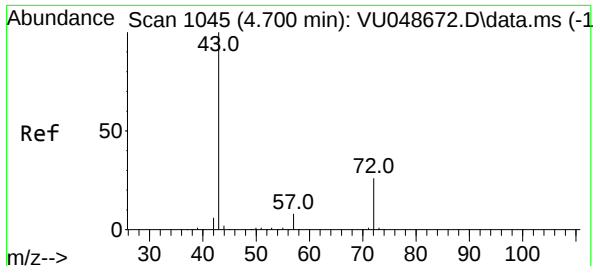
Tgt Ion: 43 Resp: 1661832
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 50.625 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

Tgt Ion: 63 Resp: 277618
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.3
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 298.681 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

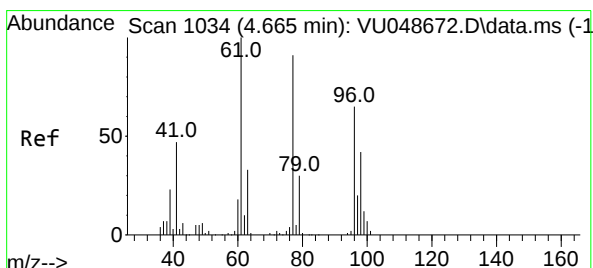
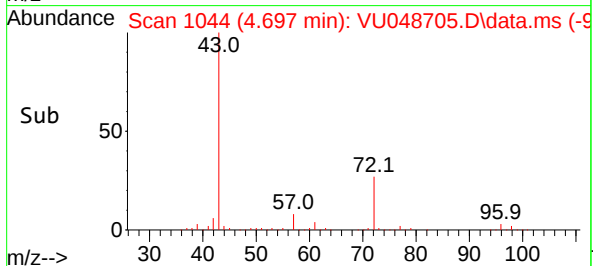
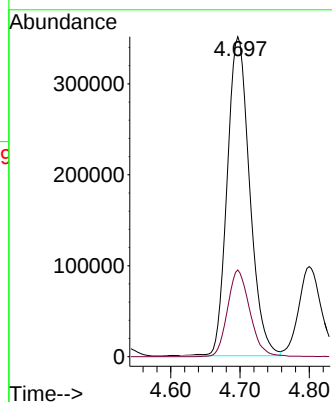
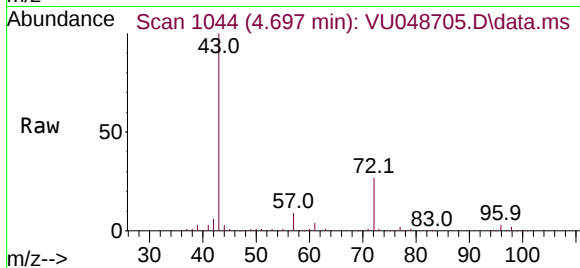
MW-02MS

Tgt Ion: 43 Resp: 788561

Ion Ratio Lower Upper

43 100

72 27.2 21.1 31.7



#26

2,2-Dichloropropane

Concen: 22.575 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048705.D

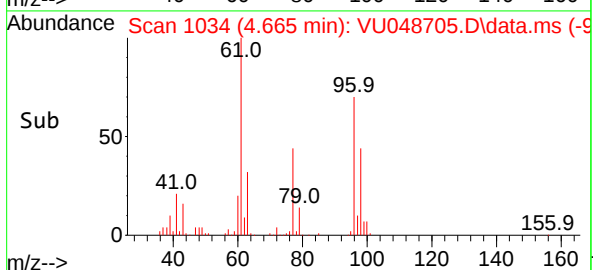
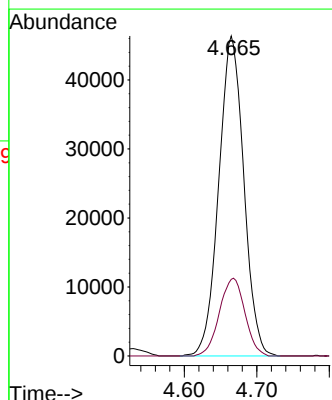
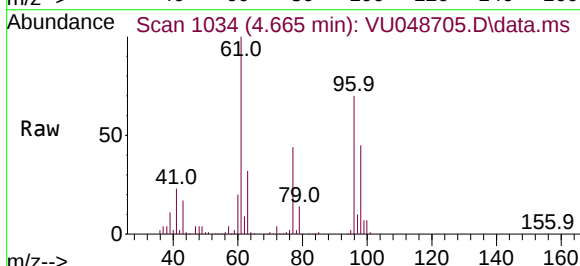
Acq: 27 May 2022 19:46

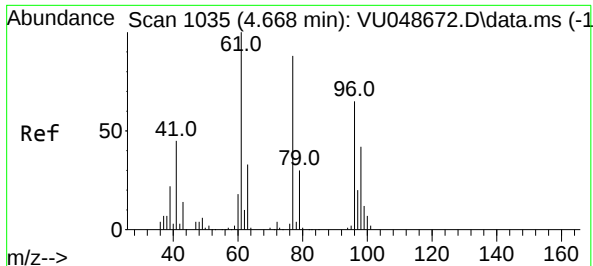
Tgt Ion: 77 Resp: 111064

Ion Ratio Lower Upper

77 100

97 24.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.733 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

MW-02MS

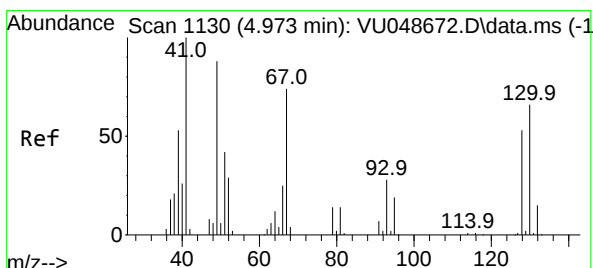
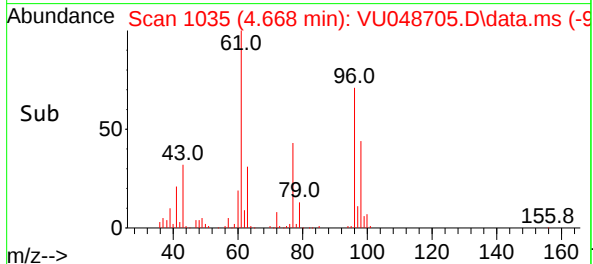
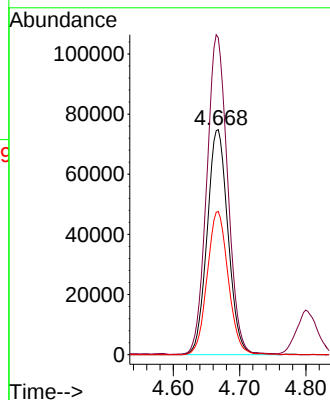
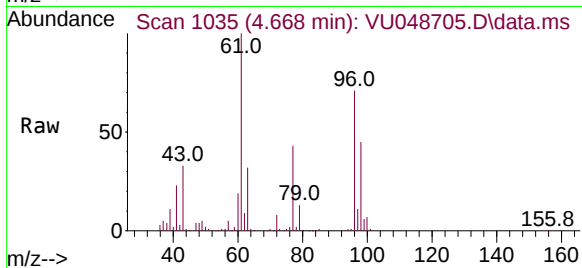
Tgt Ion: 96 Resp: 164164

Ion Ratio Lower Upper

96 100

61 141.9 0.0 306.2

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 50.668 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

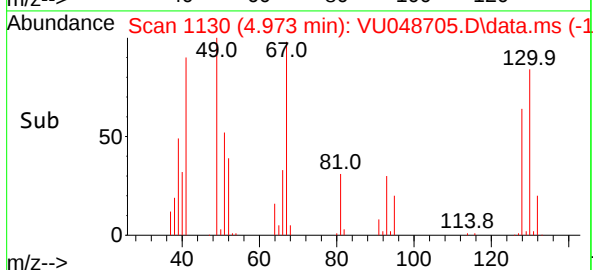
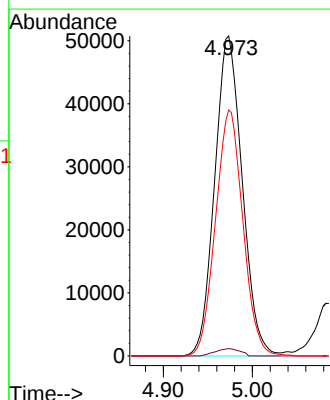
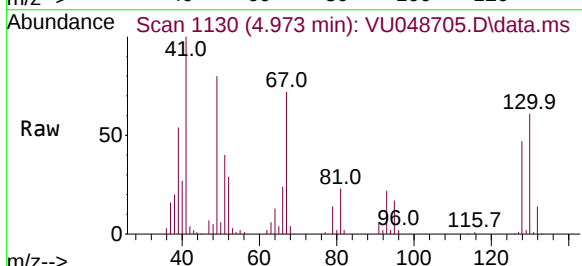
Tgt Ion: 49 Resp: 108986

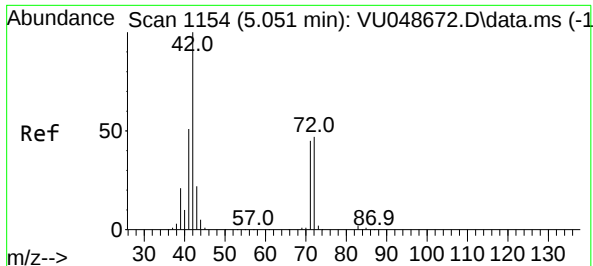
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 76.5 62.1 93.1





#29

Tetrahydrofuran

Concen: 281.692 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

MW-02MS

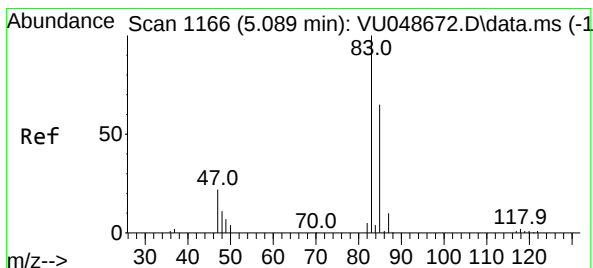
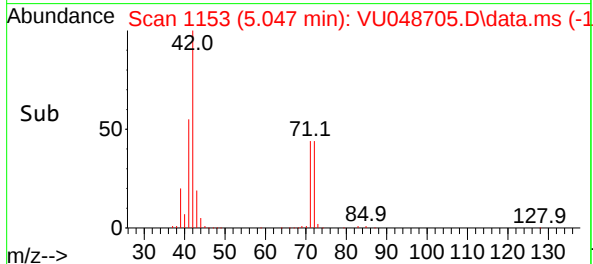
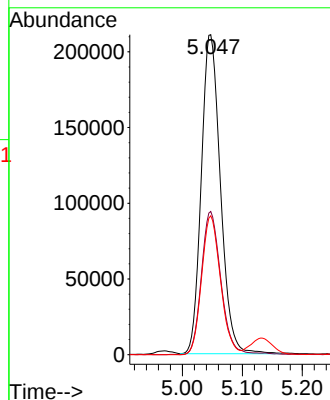
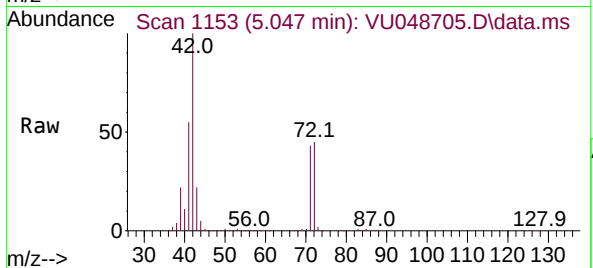
Tgt Ion: 42 Resp: 468455

Ion Ratio Lower Upper

42 100

72 45.6 37.6 56.4

71 43.0 35.0 52.4



#30

Chloroform

Concen: 52.810 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048705.D

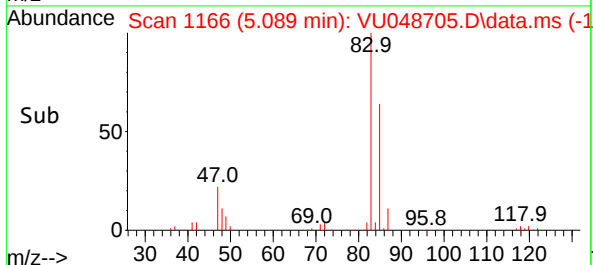
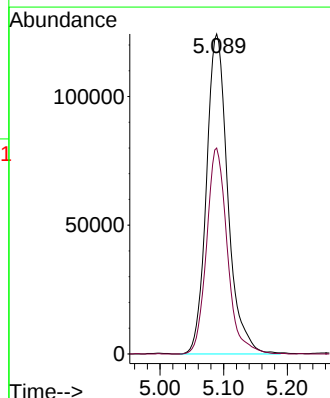
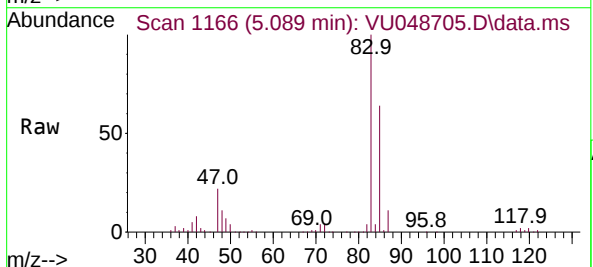
Acq: 27 May 2022 19:46

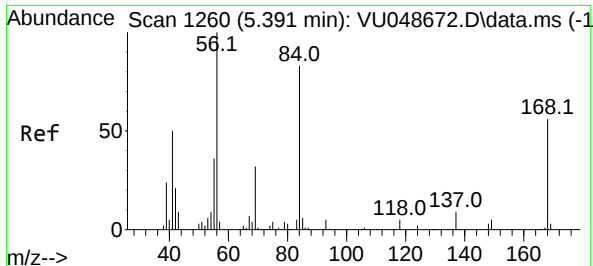
Tgt Ion: 83 Resp: 289768

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2

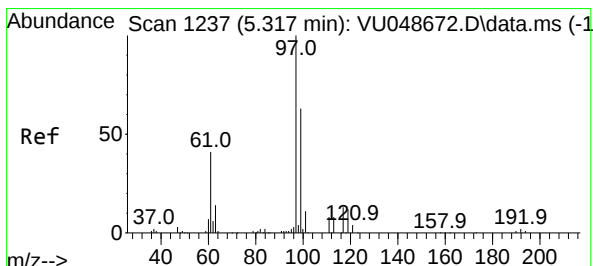
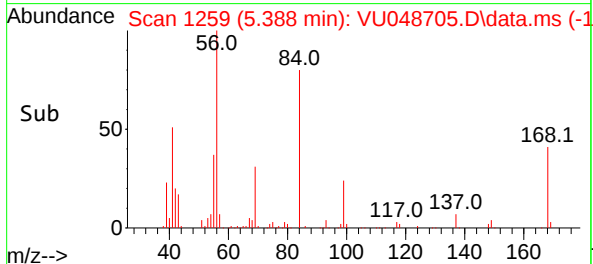
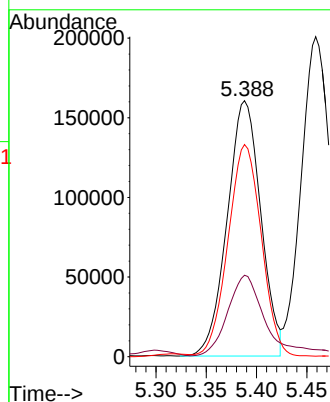
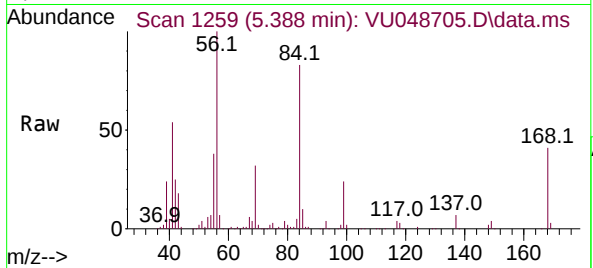




#31
Cyclohexane
Concen: 81.981 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

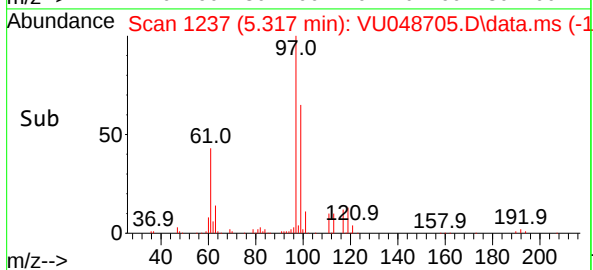
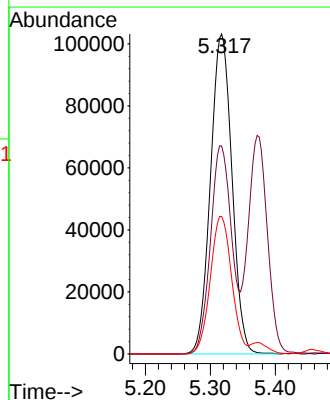
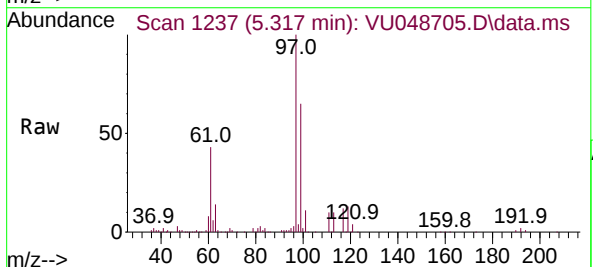
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

Tgt Ion: 56 Resp: 372570
Ion Ratio Lower Upper
56 100
69 30.9 25.6 38.4
84 82.1 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 47.567 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 97 Resp: 236794
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 42.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.998 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

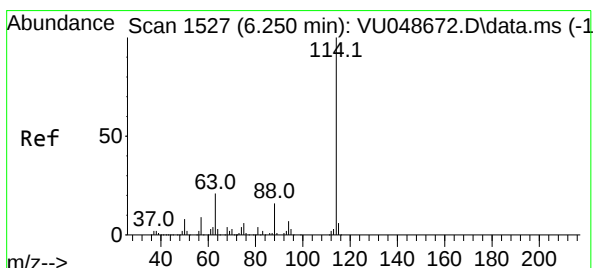
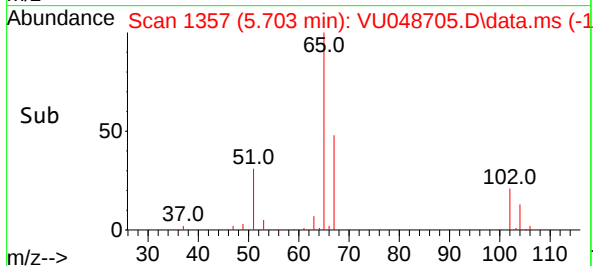
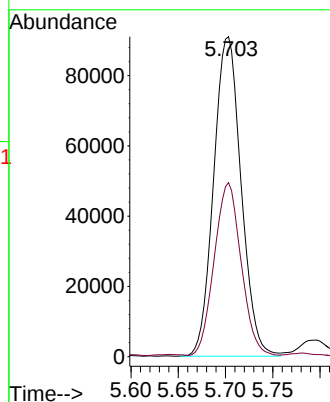
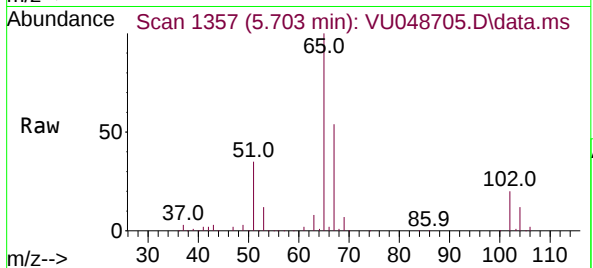
MW-02MS

Tgt Ion: 65 Resp: 183905

Ion Ratio Lower Upper

65 100

67 52.6 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: VU048705.D

Acq: 27 May 2022 19:46

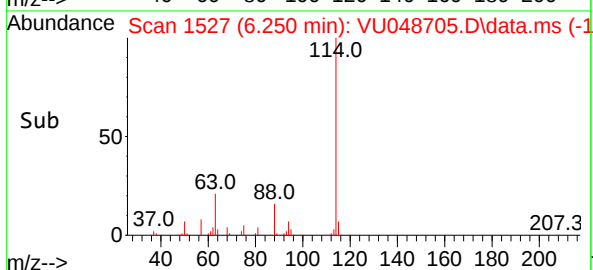
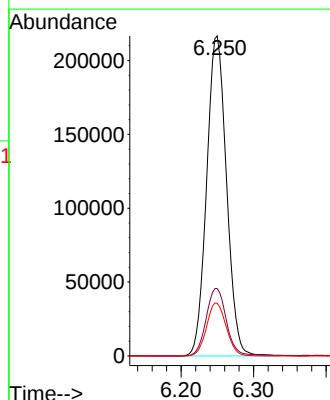
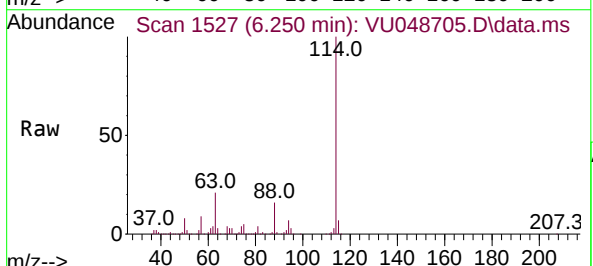
Tgt Ion: 114 Resp: 411786

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 16.5 0.0 32.2

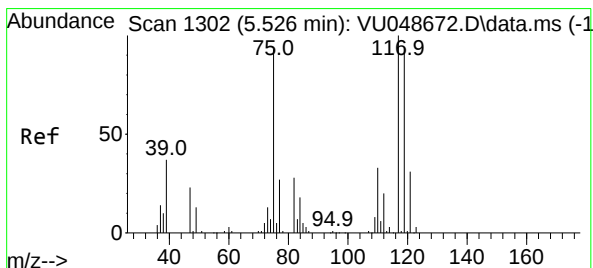
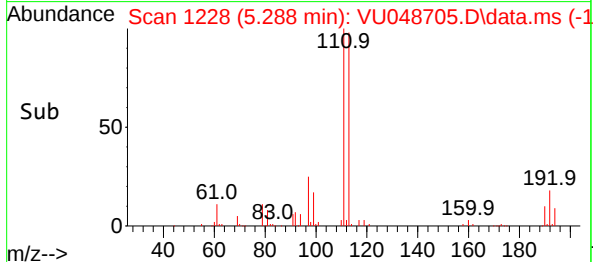
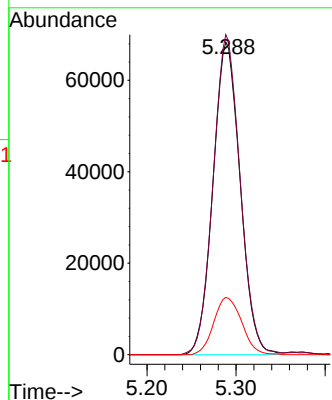
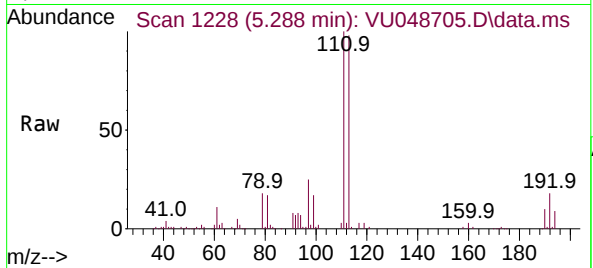




#35
 Dibromofluoromethane
 Concen: 49.137 ug/l
 RT: 5.288 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

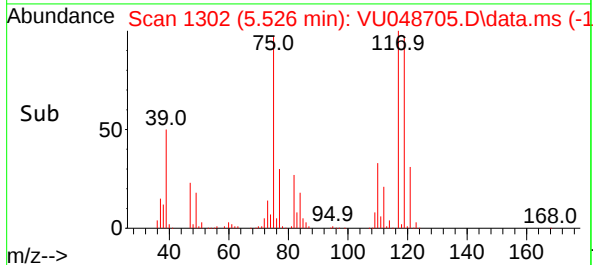
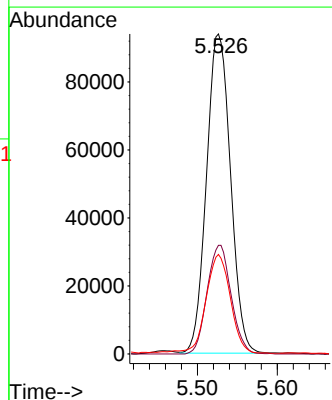
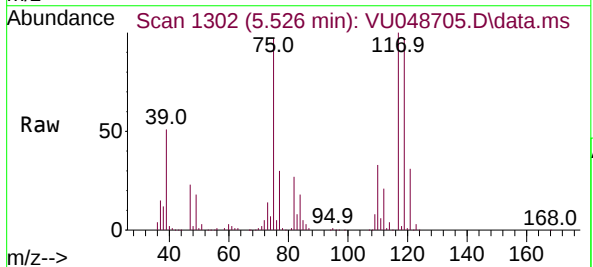
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02MS

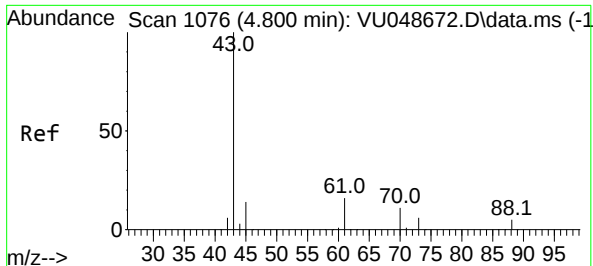
Tgt Ion:113 Resp: 144354
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 18.9 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 45.810 ug/l
 RT: 5.526 min Scan# 1302
 Delta R.T. -0.000 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

Tgt Ion: 75 Resp: 196418
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.4 52.3
 77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 41.637 ug/l

RT: 4.800 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

MW-02MS

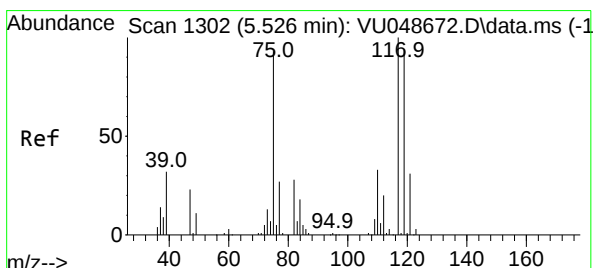
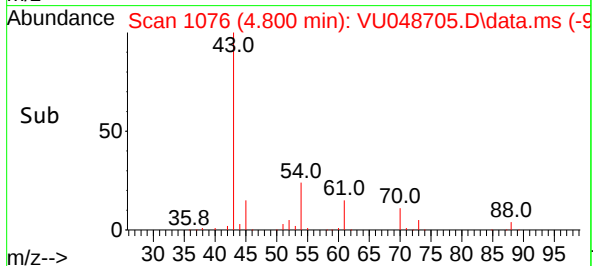
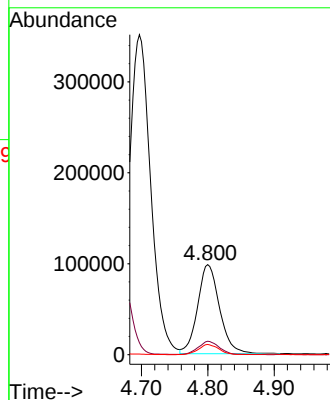
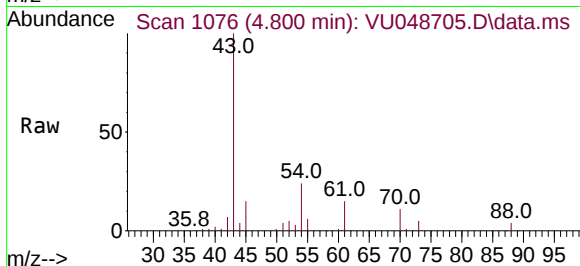
Tgt Ion: 43 Resp: 225689

Ion Ratio Lower Upper

43 100

61 14.8 11.7 17.5

70 10.9 8.4 12.6



#38

Carbon Tetrachloride

Concen: 43.327 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

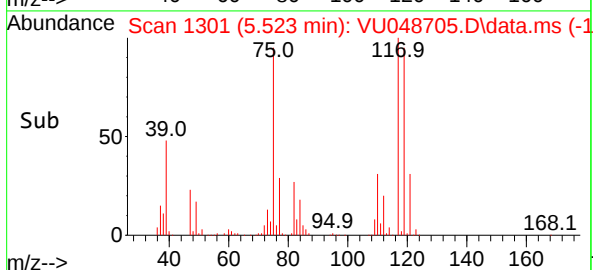
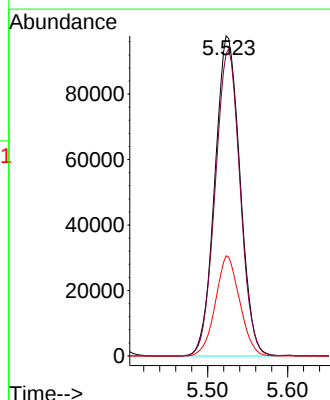
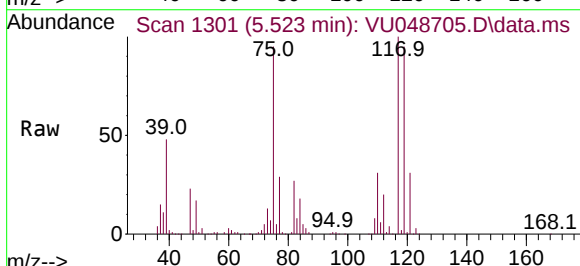
Tgt Ion: 117 Resp: 213127

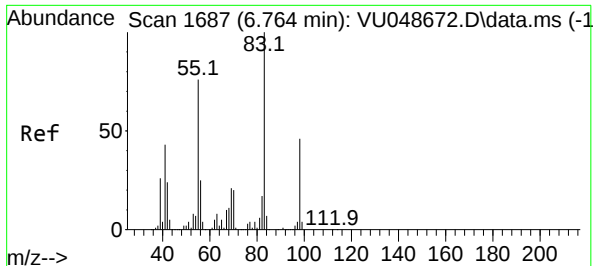
Ion Ratio Lower Upper

117 100

119 94.6 75.4 113.2

121 31.3 24.6 36.8





#39

Methylcyclohexane

Concen: 80.178 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

MW-02MS

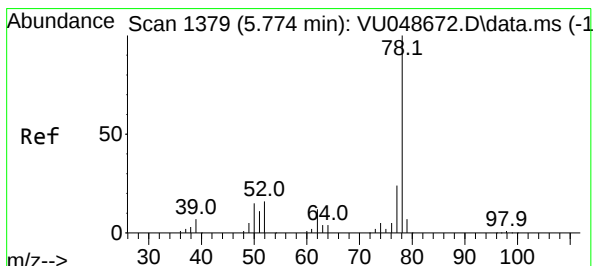
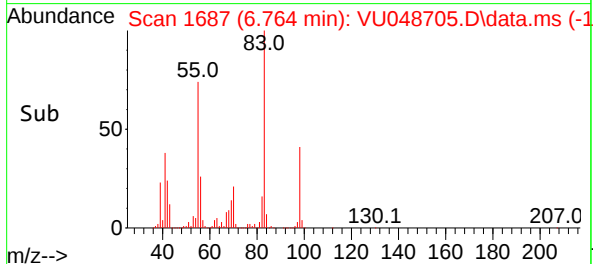
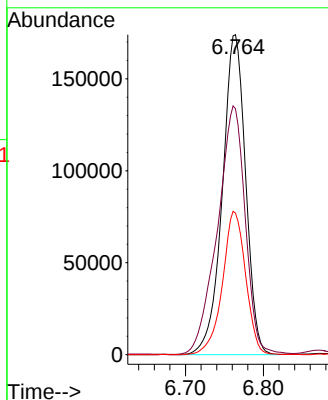
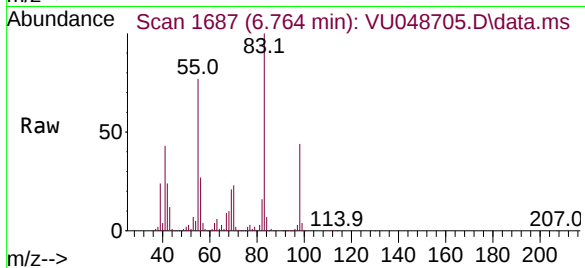
Tgt Ion: 83 Resp: 360456

Ion Ratio Lower Upper

83 100

55 76.7 61.0 91.6

98 44.3 36.8 55.2



#40

Benzene

Concen: 232.276 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048705.D

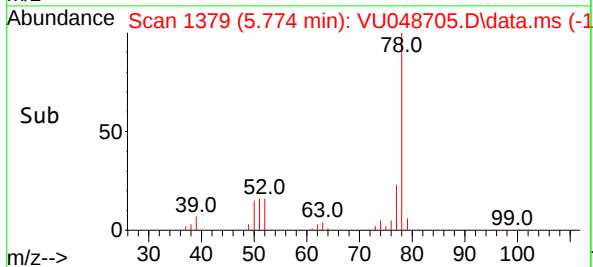
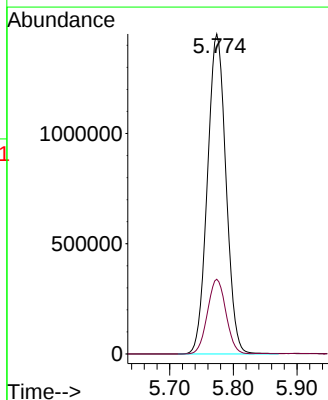
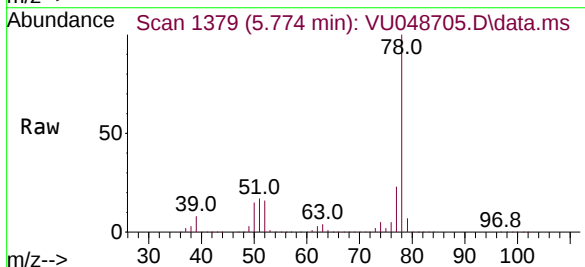
Acq: 27 May 2022 19:46

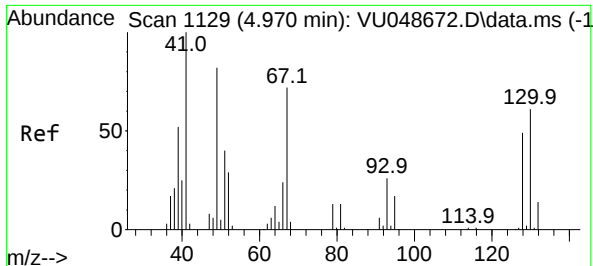
Tgt Ion: 78 Resp: 2940221

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6



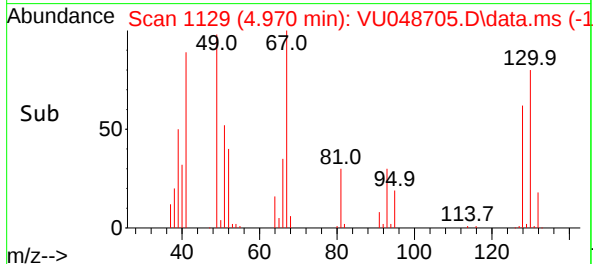
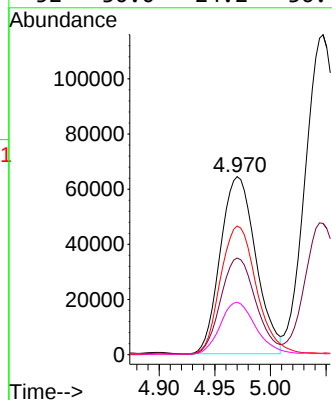
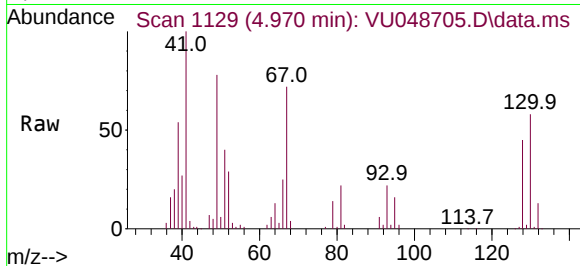


#41
Methacrylonitrile
Concen: 52.011 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

Tgt Ion: 41 Resp: 142463

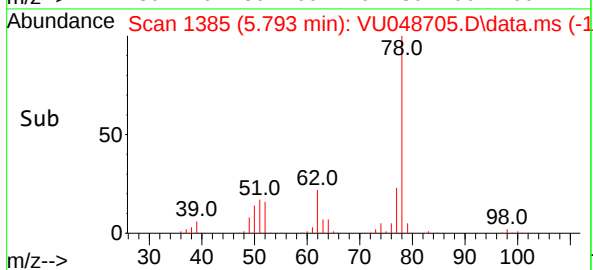
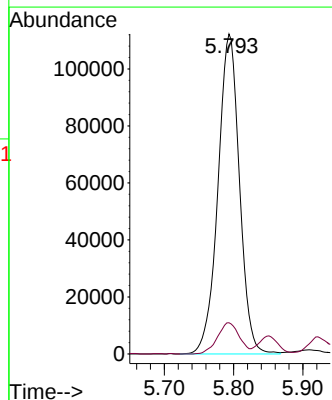
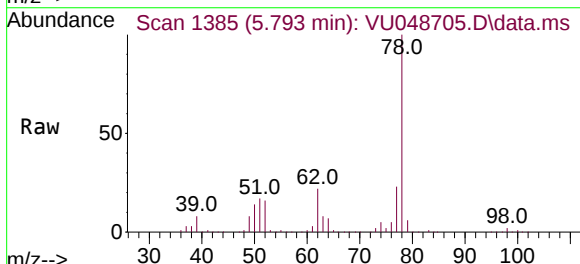
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.6	64.0
67	73.8	61.0	91.4
52	30.0	24.2	36.4

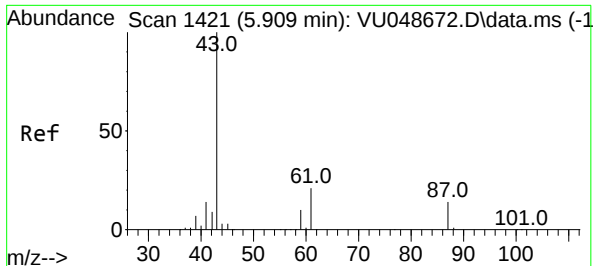


#42
1,2-Dichloroethane
Concen: 48.878 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 62 Resp: 242197

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	17.0





#43

Isopropyl Acetate

Concen: 62.444 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

MW-02MS

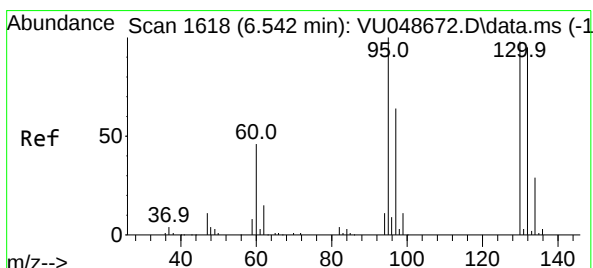
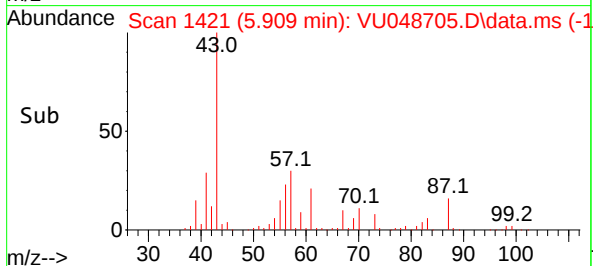
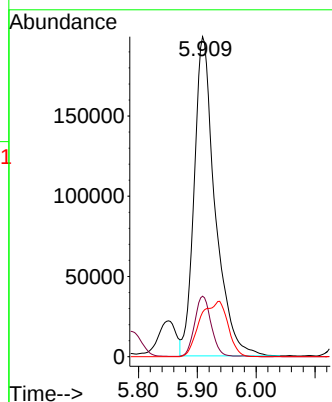
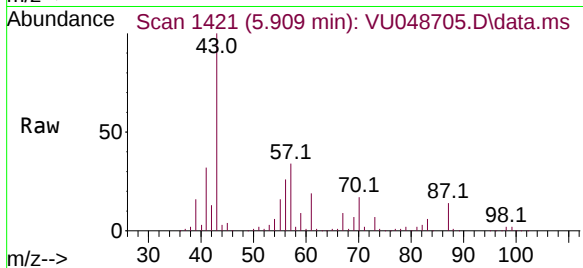
Tgt Ion: 43 Resp: 491256

Ion Ratio Lower Upper

43 100

61 14.9 16.7 25.1#

87 0.0 10.9 16.3#



#44

Trichloroethene

Concen: 45.190 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU048705.D

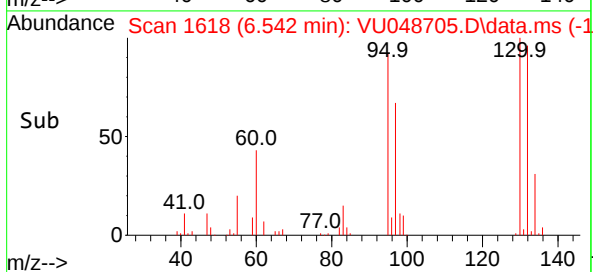
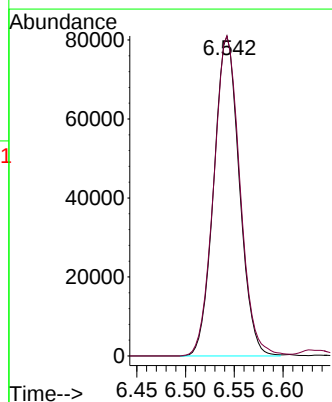
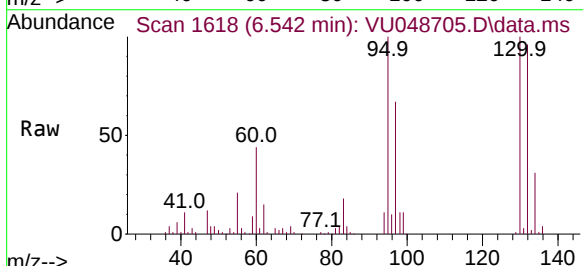
Acq: 27 May 2022 19:46

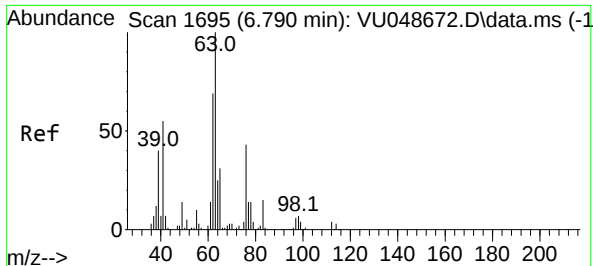
Tgt Ion:130 Resp: 147372

Ion Ratio Lower Upper

130 100

95 100.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 53.445 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

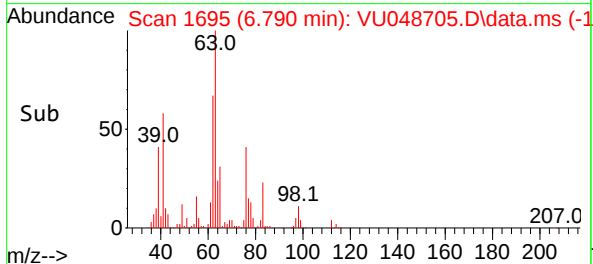
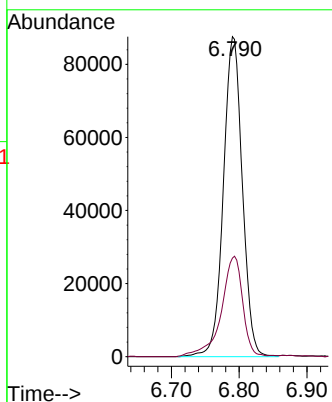
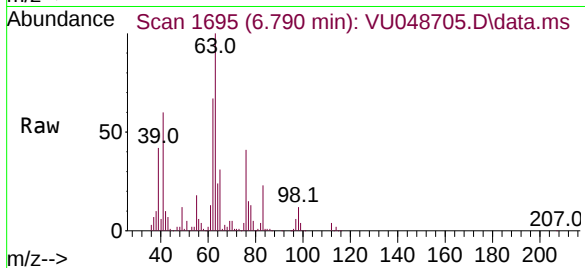
MW-02MS

Tgt Ion: 63 Resp: 170316

Ion Ratio Lower Upper

63 100

65 30.7 24.8 37.2



#46

Dibromomethane

Concen: 48.754 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

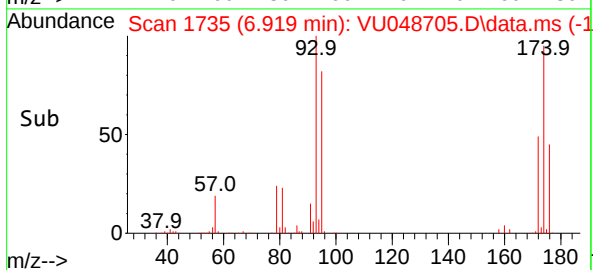
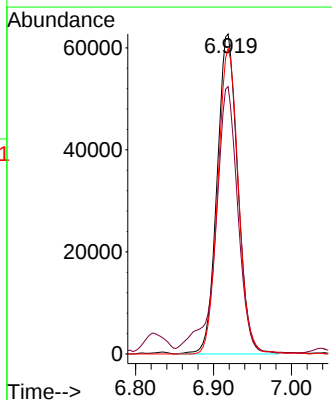
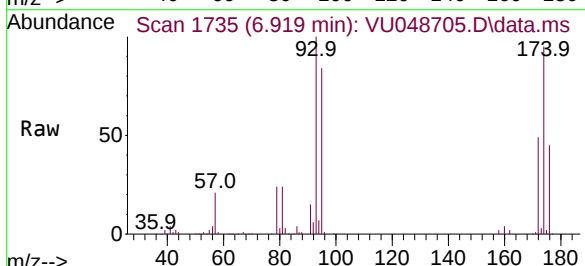
Tgt Ion: 93 Resp: 116077

Ion Ratio Lower Upper

93 100

95 89.0 65.1 97.7

174 94.2 77.8 116.6

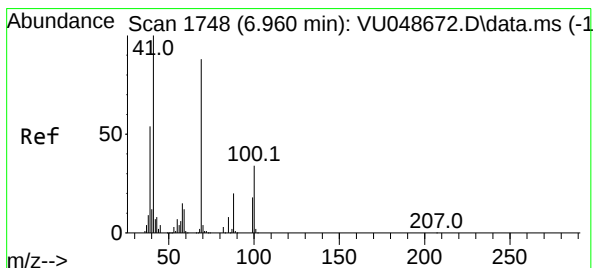
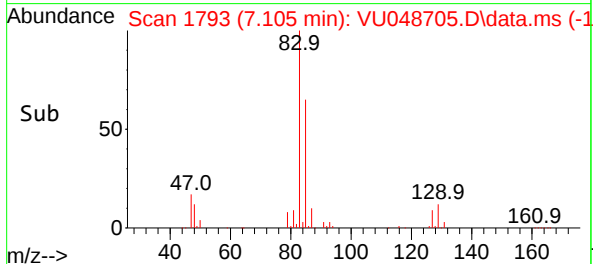
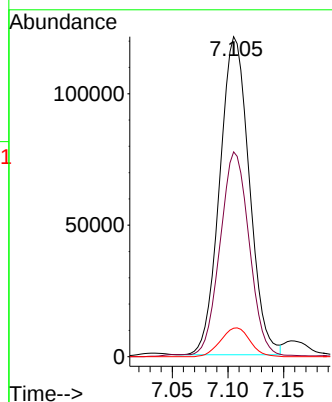
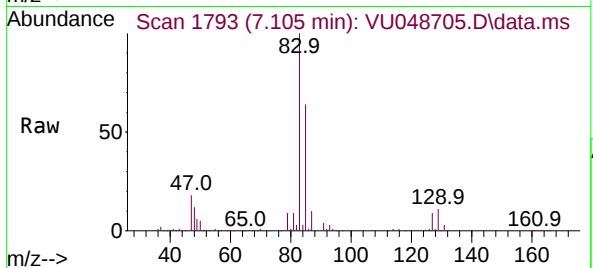




#47
Bromodichloromethane
Concen: 46.412 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

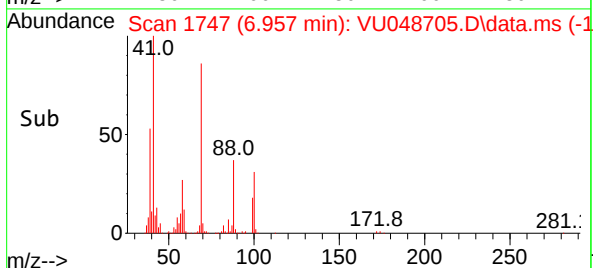
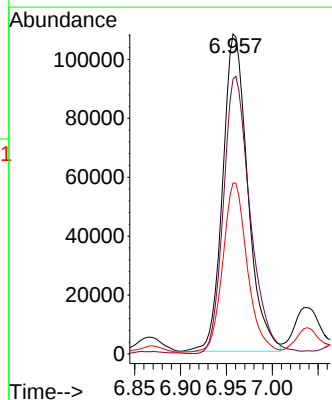
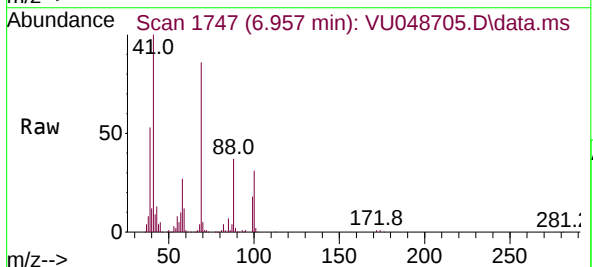
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

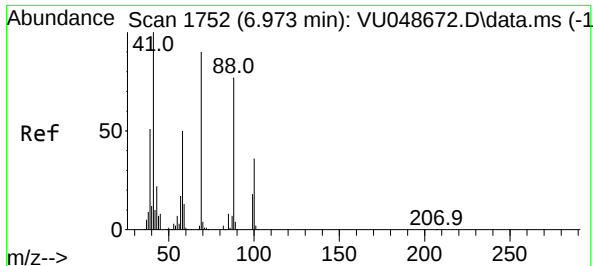
Tgt Ion: 83 Resp: 223462
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 9.0 6.9 10.3



#48
Methyl methacrylate
Concen: 57.996 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 41 Resp: 204825
Ion Ratio Lower Upper
41 100
69 93.4 70.7 106.1
39 51.7 43.4 65.2





#49

1,4-Dioxane

Concen: 1002.775 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

MW-02MS

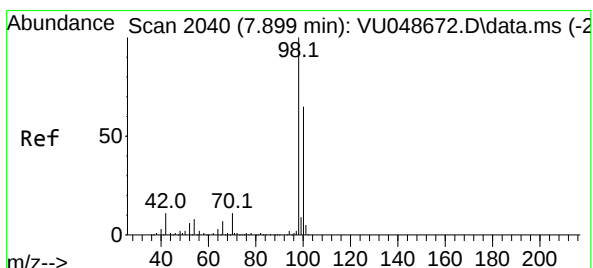
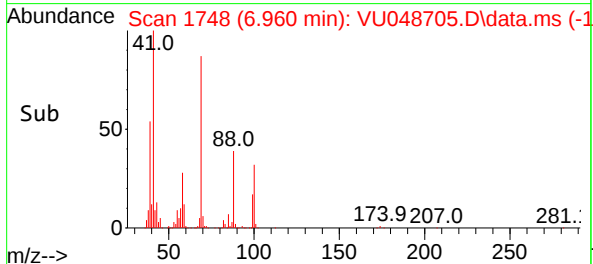
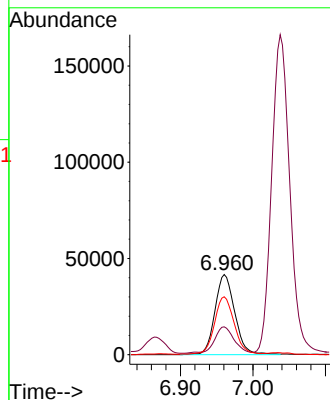
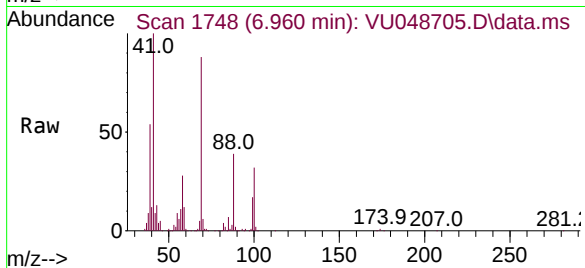
Tgt Ion: 88 Resp: 79169

Ion Ratio Lower Upper

88 100

43 32.1 24.6 36.8

58 72.9 54.7 82.1



#50

Toluene-d8

Concen: 50.729 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048705.D

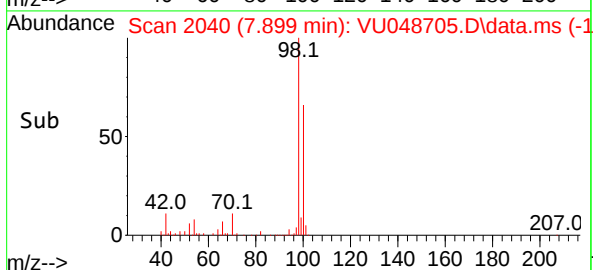
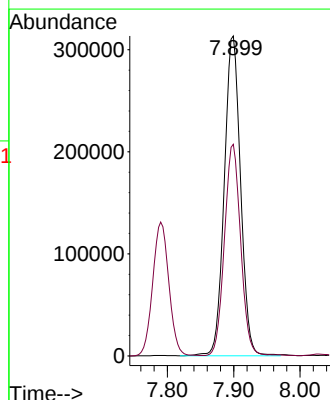
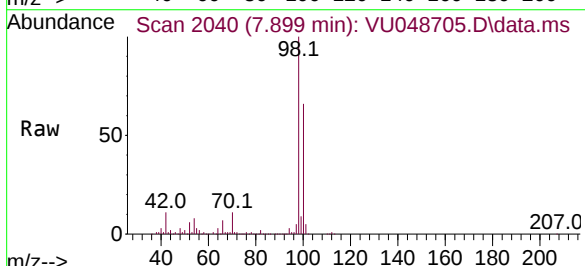
Acq: 27 May 2022 19:46

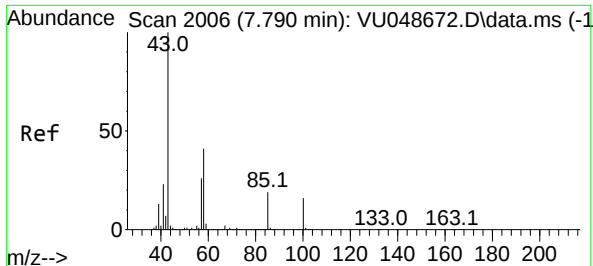
Tgt Ion: 98 Resp: 534225

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 283.651 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

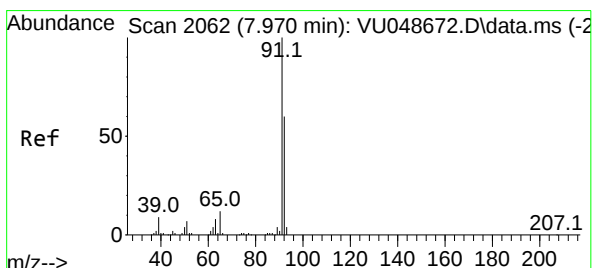
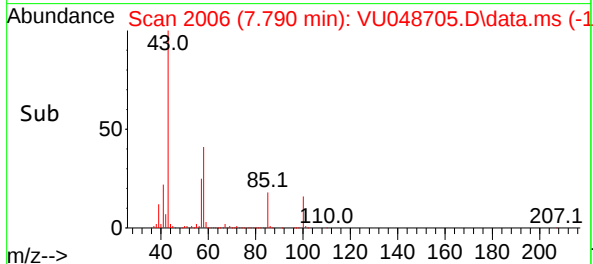
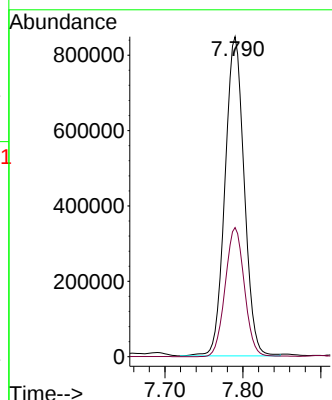
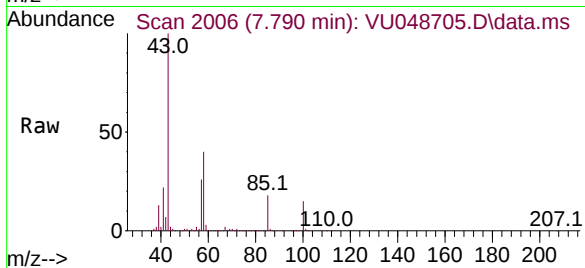
MW-02MS

Tgt Ion: 43 Resp: 1448984

Ion Ratio Lower Upper

43 100

58 40.7 32.7 49.1



#52

Toluene

Concen: 55.233 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048705.D

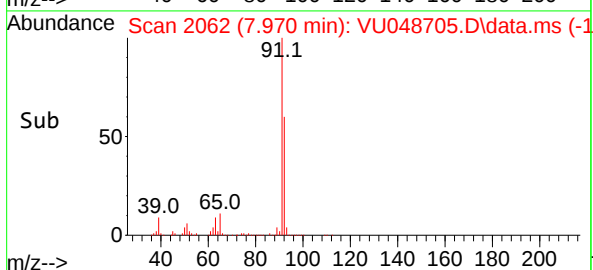
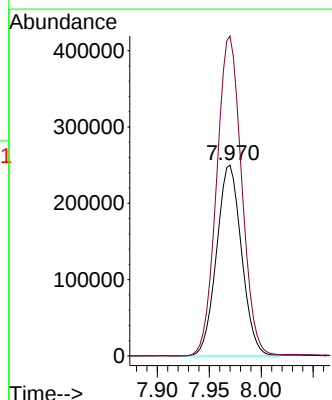
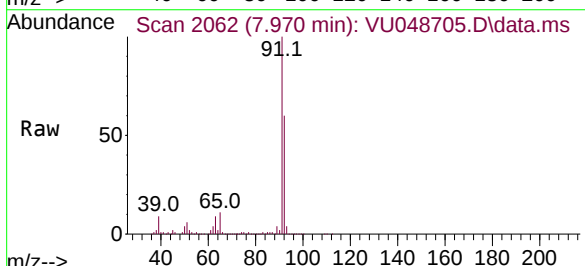
Acq: 27 May 2022 19:46

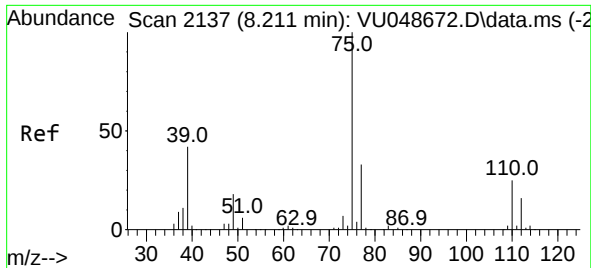
Tgt Ion: 92 Resp: 418201

Ion Ratio Lower Upper

92 100

91 168.1 135.0 202.4

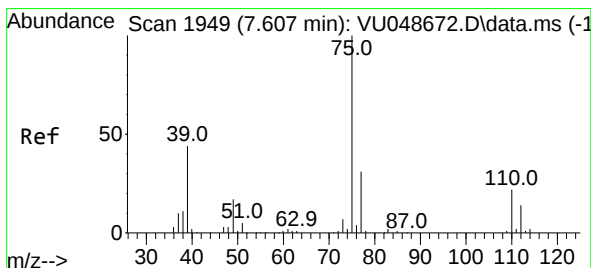
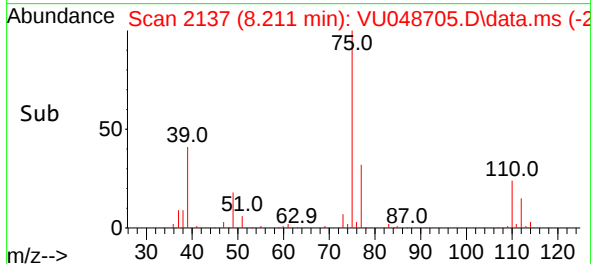
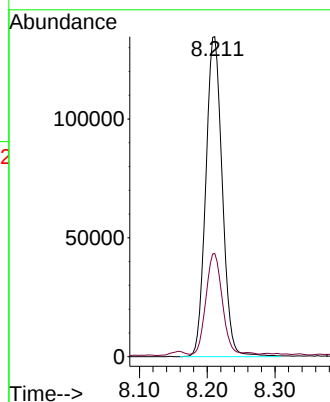
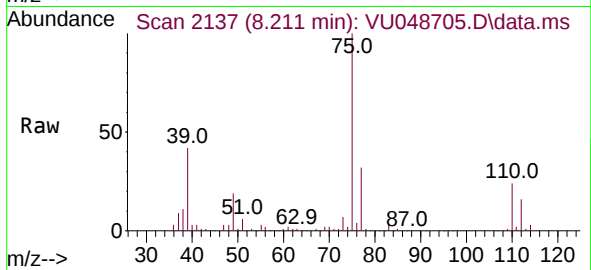




#53
 t-1,3-Dichloropropene
 Concen: 43.879 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

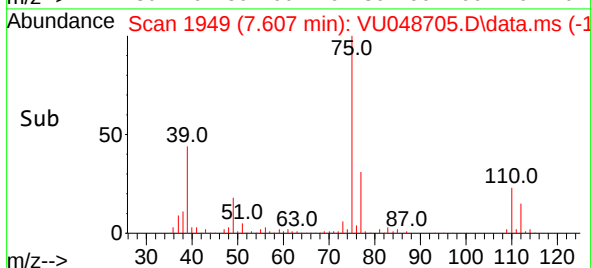
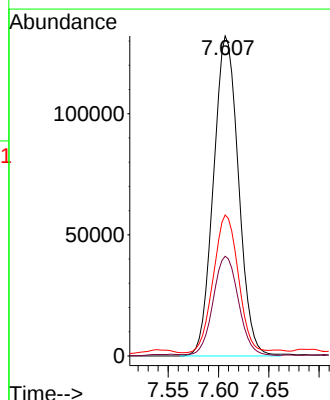
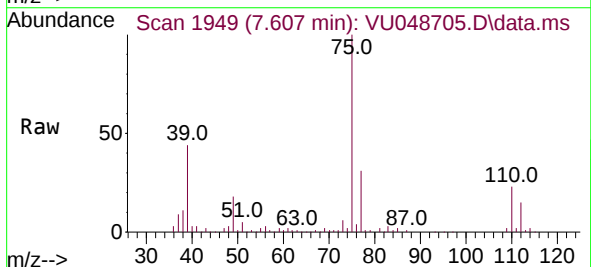
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02MS

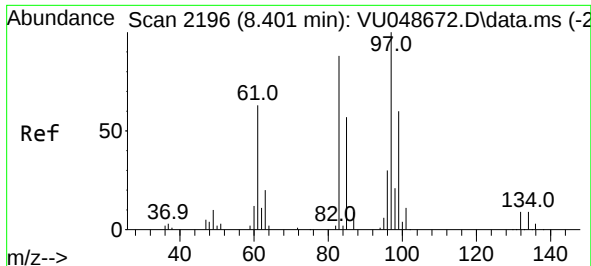
Tgt Ion: 75 Resp: 227899
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 42.494 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

Tgt Ion: 75 Resp: 228702
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.9 37.3
 39 43.0 35.2 52.8

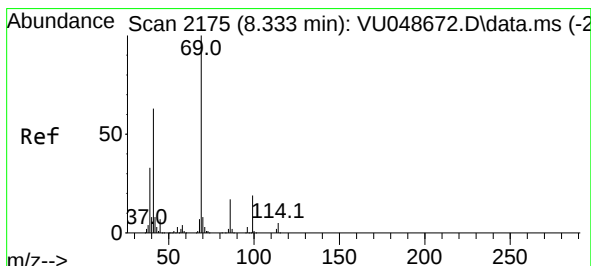
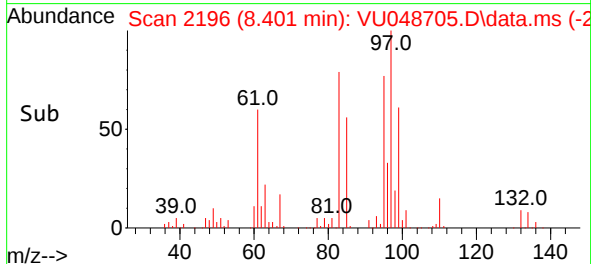
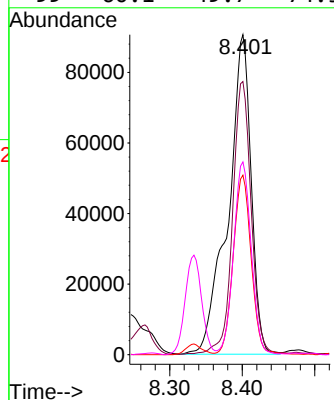
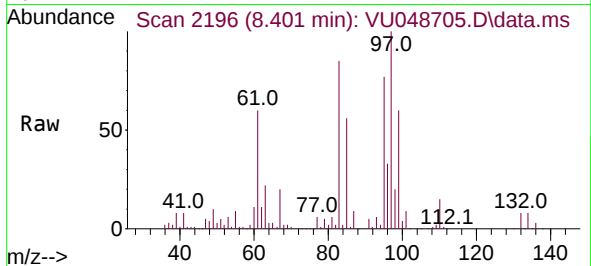




#55
1,1,2-Trichloroethane
Concen: 59.747 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

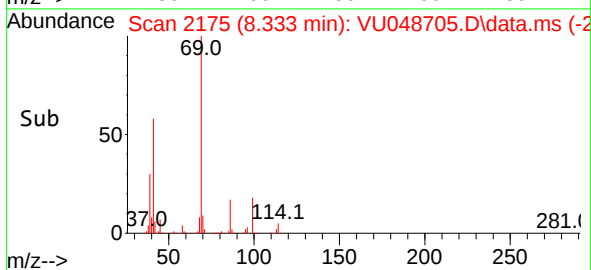
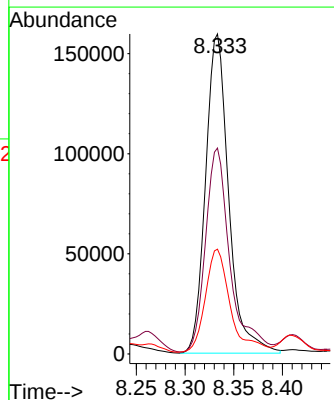
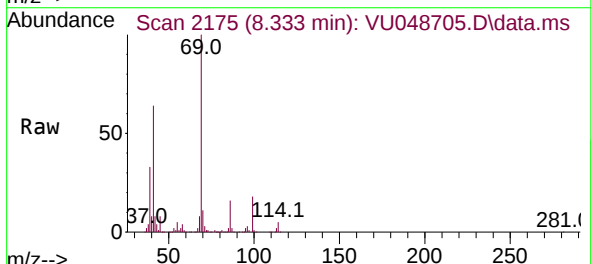
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

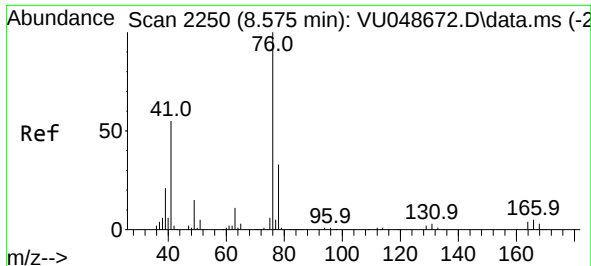
Tgt Ion:	97	Resp:	199650
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.2	105.4
85	55.8	45.6	68.4
99	60.1	49.7	74.5



#56
Ethyl methacrylate
Concen: 49.789 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion:	69	Resp:	262845
Ion	Ratio	Lower	Upper
69	100		
41	67.8	50.6	76.0
39	34.8	26.6	40.0





#57

1,3-Dichloropropane

Concen: 47.107 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

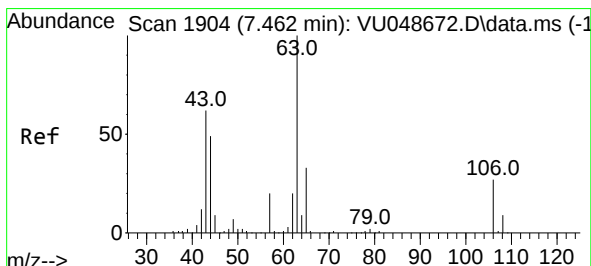
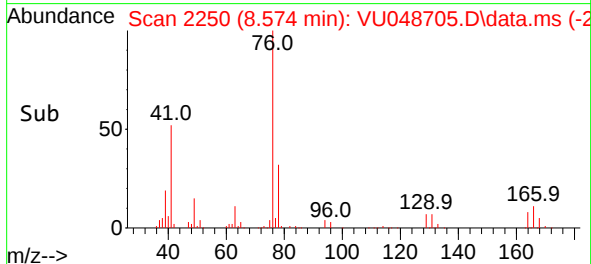
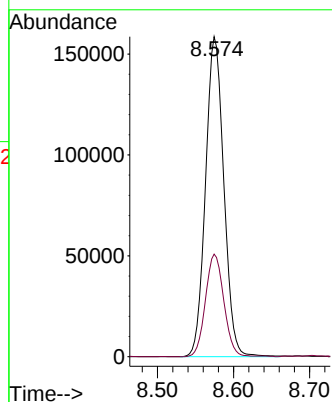
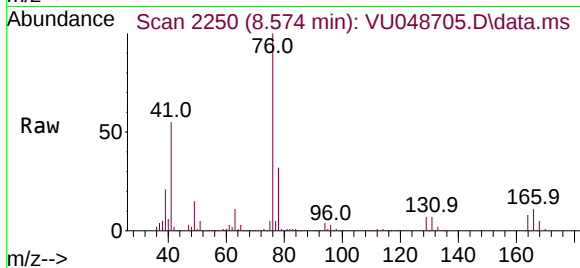
MW-02MS

Tgt Ion: 76 Resp: 264935

Ion Ratio Lower Upper

76 100

78 32.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 30.266 ug/l

RT: 7.449 min Scan# 1900

Delta R.T. -0.013 min

Lab File: VU048705.D

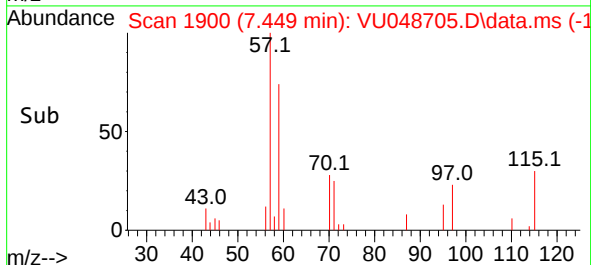
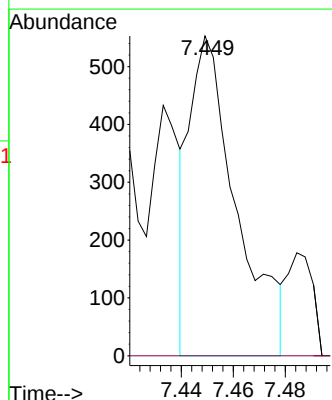
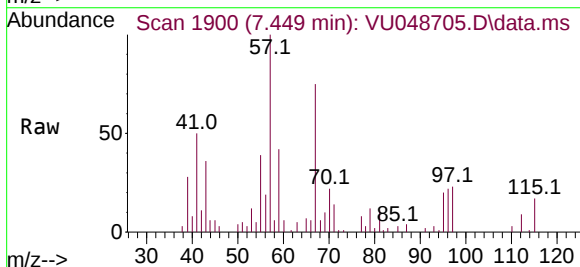
Acq: 27 May 2022 19:46

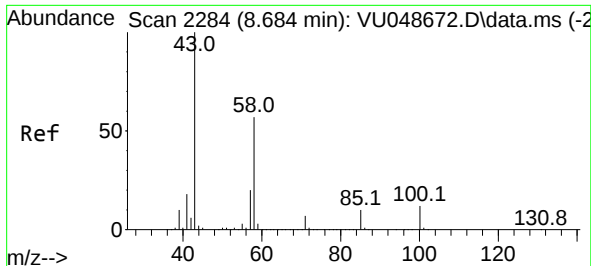
Tgt Ion: 63 Resp: 689

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#





#59

2-Hexanone

Concen: 267.081 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

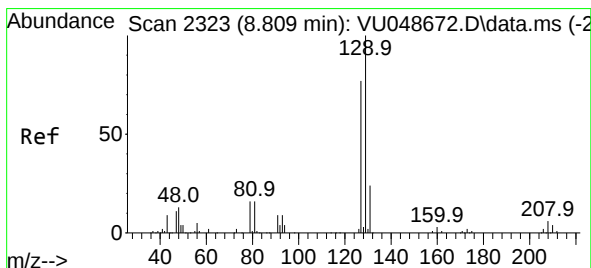
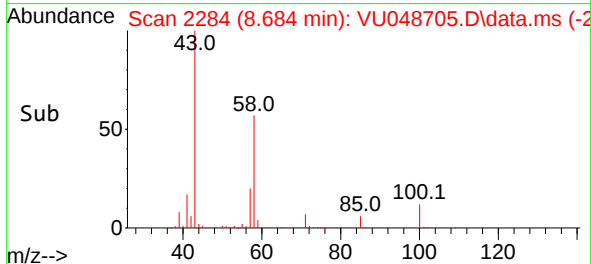
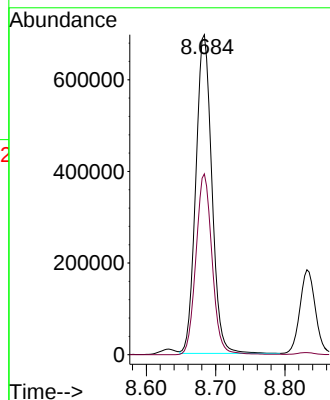
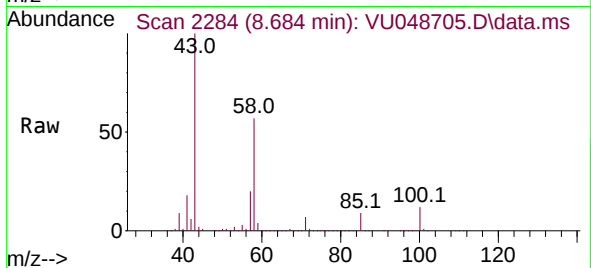
MW-02MS

Tgt Ion: 43 Resp: 1120079

Ion Ratio Lower Upper

43 100

58 57.3 28.2 84.6



#60

Dibromochloromethane

Concen: 45.334 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU048705.D

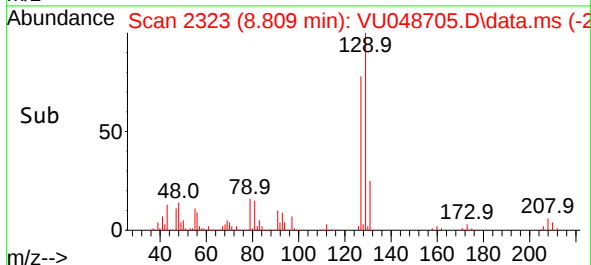
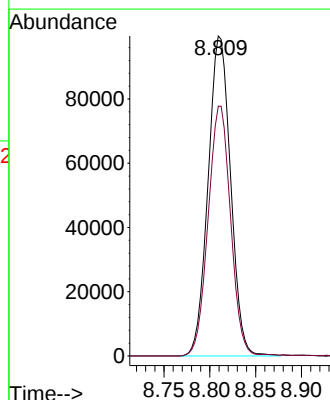
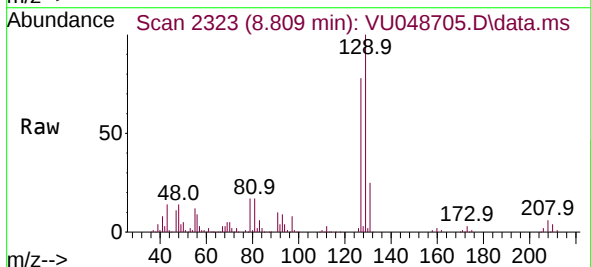
Acq: 27 May 2022 19:46

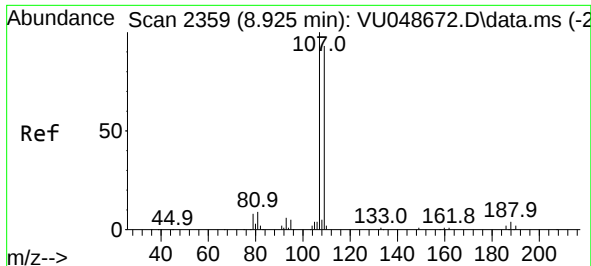
Tgt Ion:129 Resp: 169813

Ion Ratio Lower Upper

129 100

127 77.8 38.5 115.3

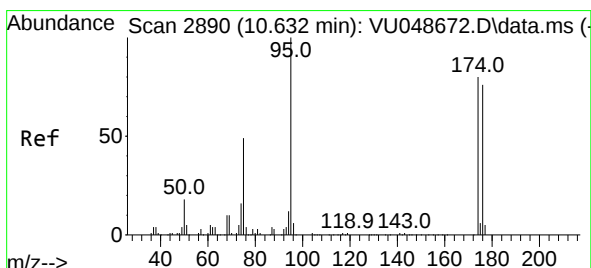
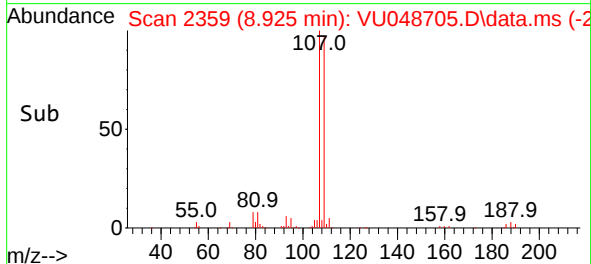
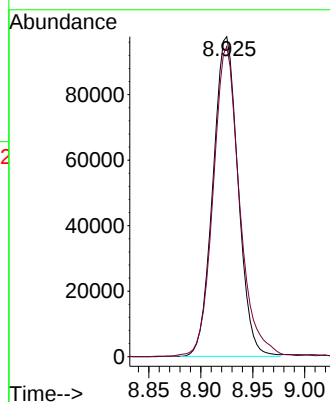
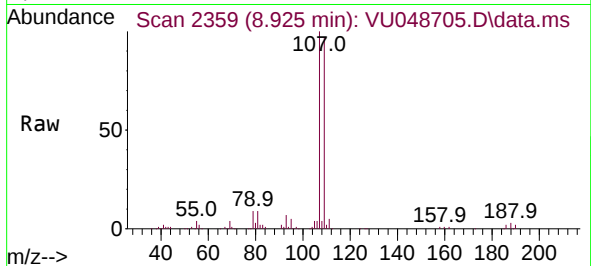




#61
1,2-Dibromoethane
Concen: 44.536 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

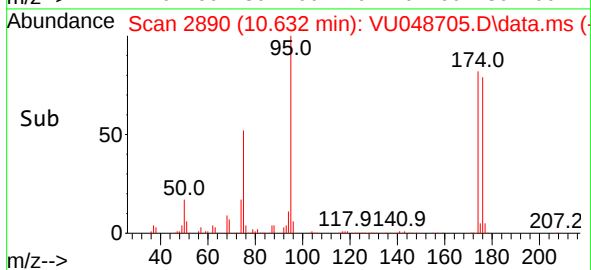
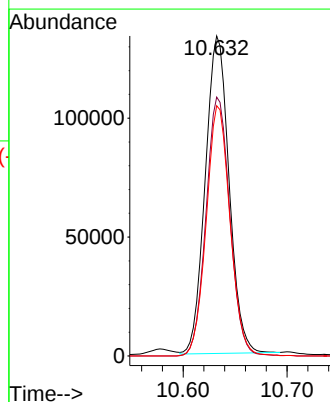
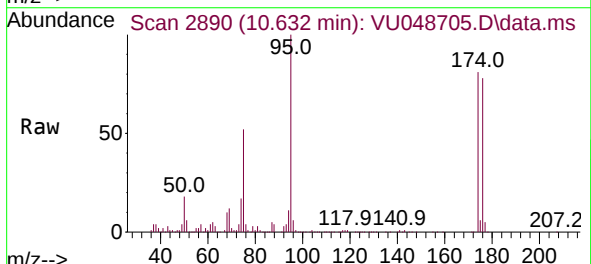
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

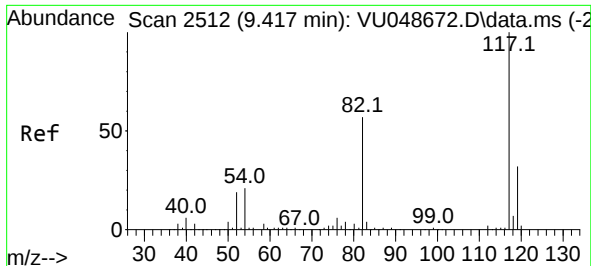
Tgt Ion:107 Resp: 163896
Ion Ratio Lower Upper
107 100
109 102.3 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 53.383 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 95 Resp: 212606
Ion Ratio Lower Upper
95 100
174 81.8 0.0 159.4
176 78.7 0.0 152.4

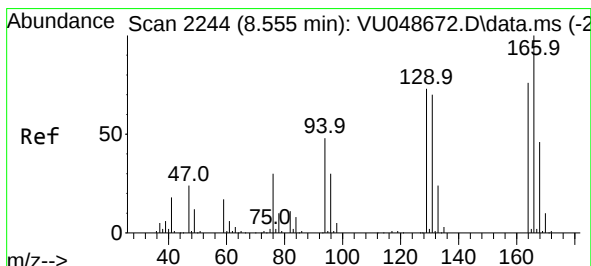
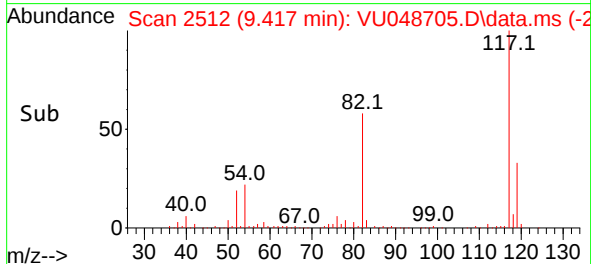
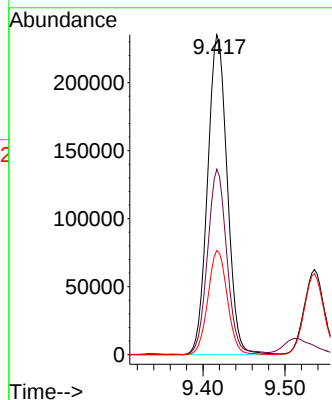
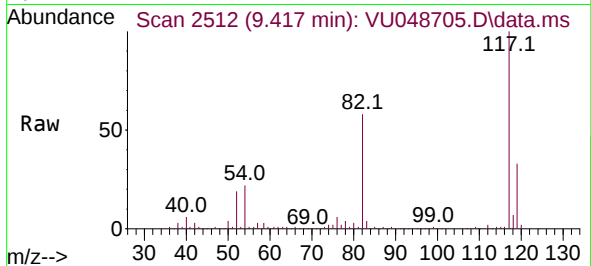




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

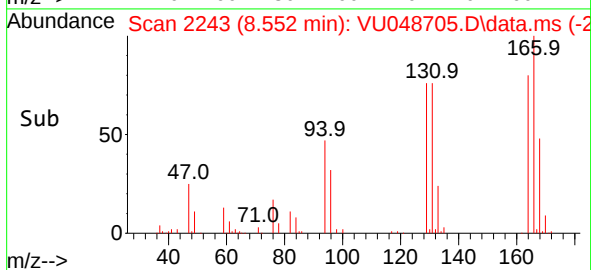
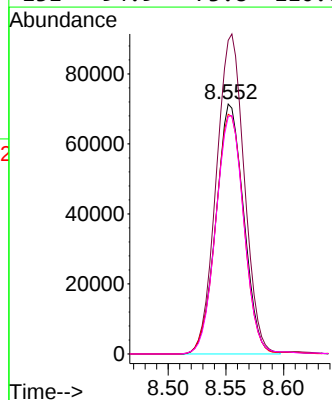
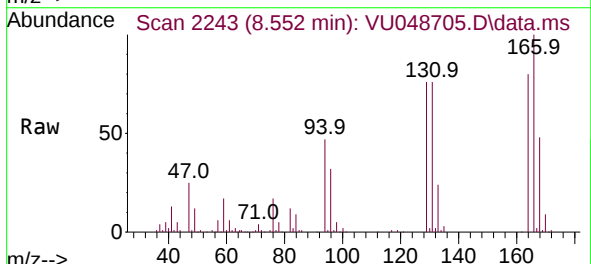
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

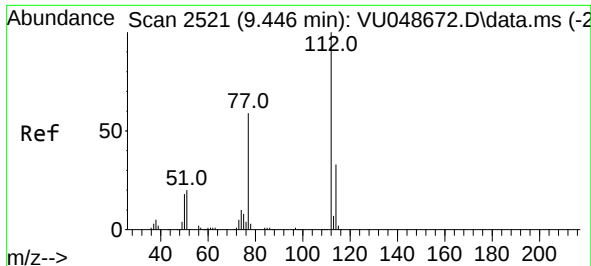
Tgt Ion:117 Resp: 391843
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 43.702 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion:164 Resp: 119292
Ion Ratio Lower Upper
164 100
166 125.5 105.0 157.4
129 95.9 76.5 114.7
131 94.9 73.8 110.6

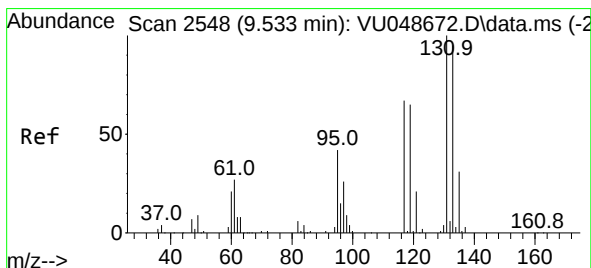
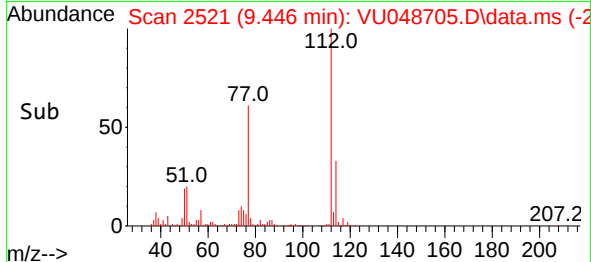
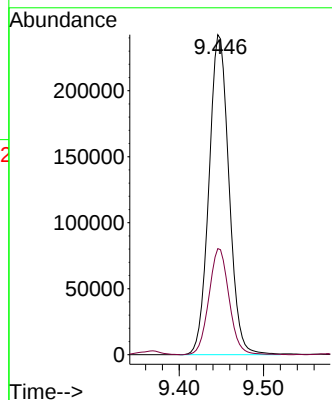
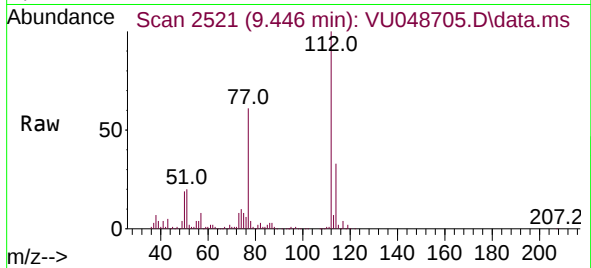




#65
Chlorobenzene
Concen: 48.309 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

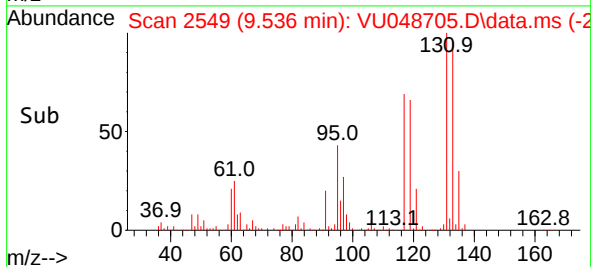
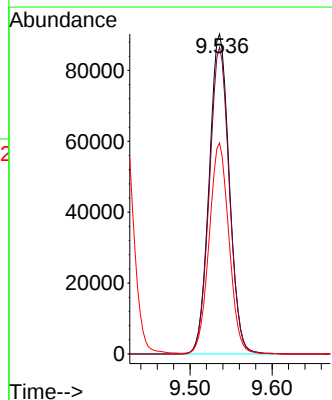
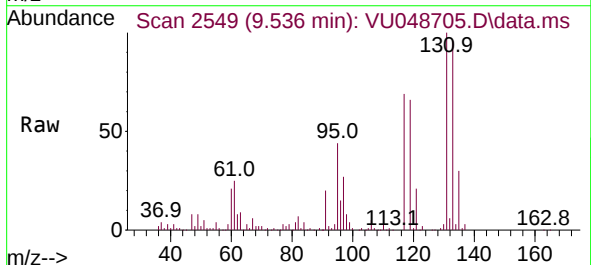
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

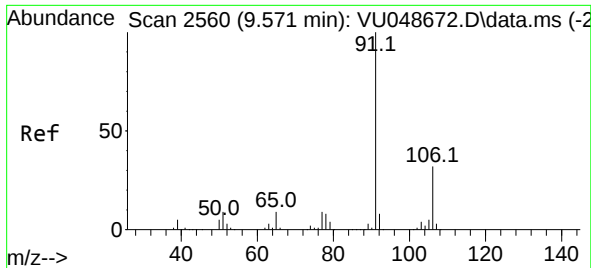
Tgt Ion:112 Resp: 400358
Ion Ratio Lower Upper
112 100
114 33.2 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.856 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion:131 Resp: 153687
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.5
119 65.4 32.7 98.1





#67

Ethyl Benzene

Concen: 829.789 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

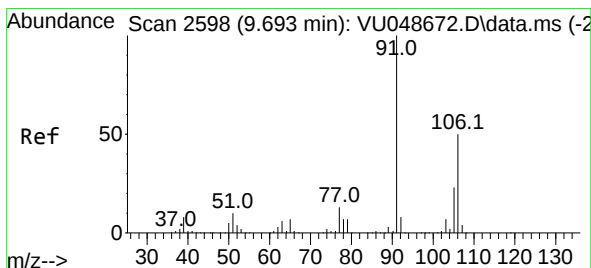
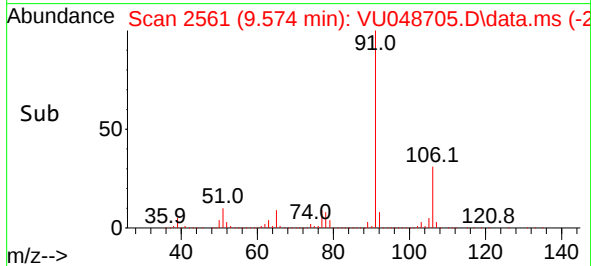
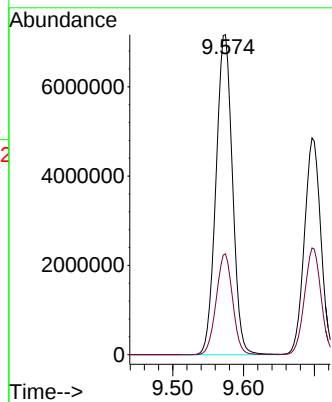
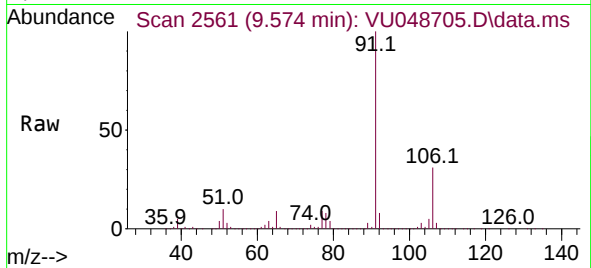
MW-02MS

Tgt Ion: 91 Resp:11598583

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.2



#68

m/p-Xylenes

Concen: 709.773 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU048705.D

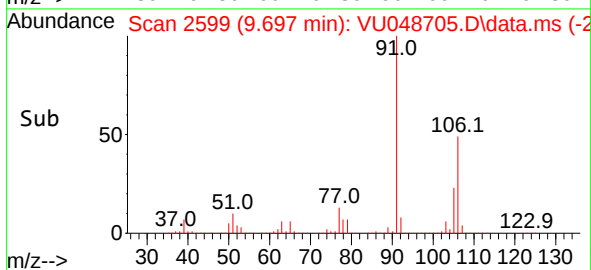
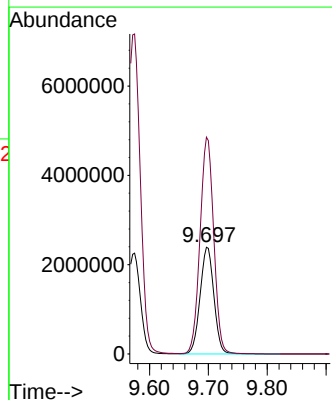
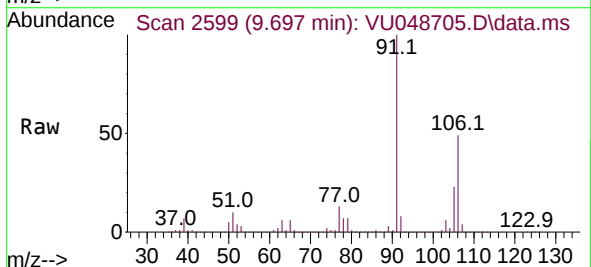
Acq: 27 May 2022 19:46

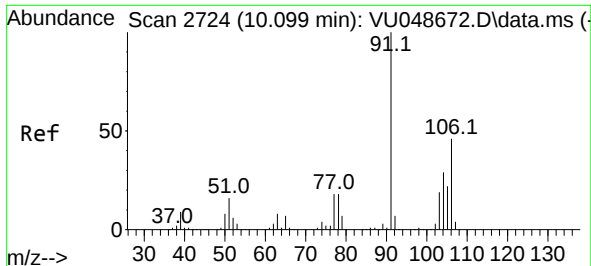
Tgt Ion:106 Resp: 3880220

Ion Ratio Lower Upper

106 100

91 202.5 162.4 243.6

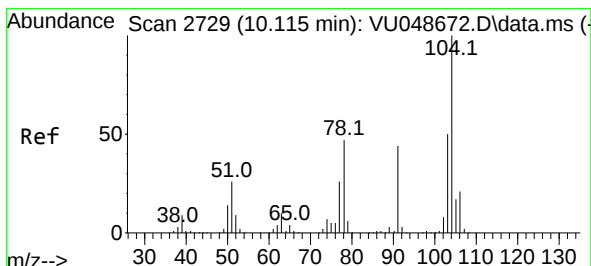
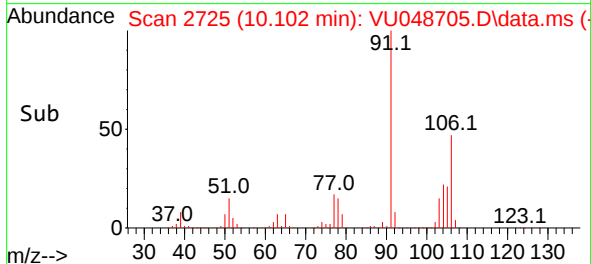
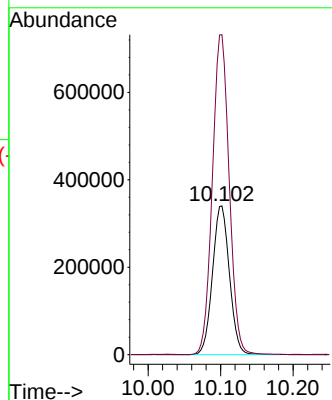
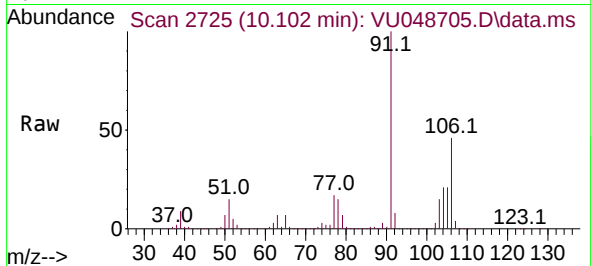




#69
o-Xylene
Concen: 102.709 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

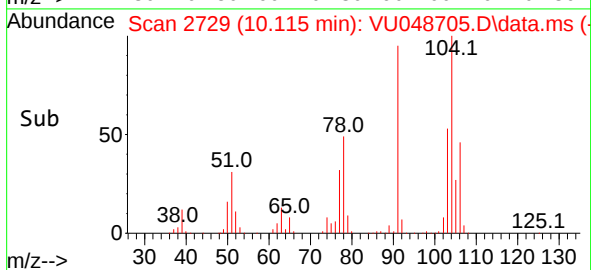
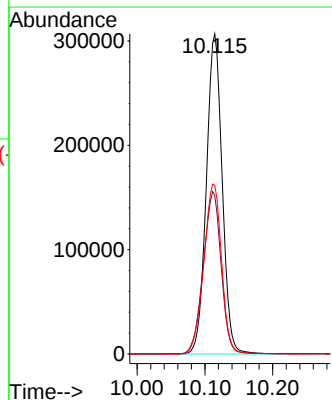
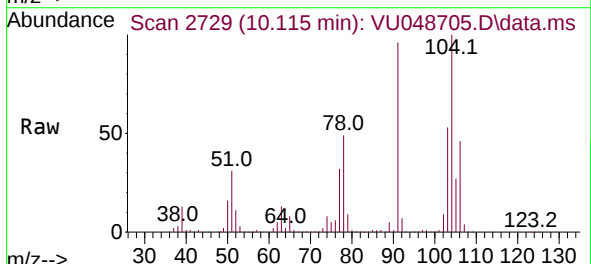
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

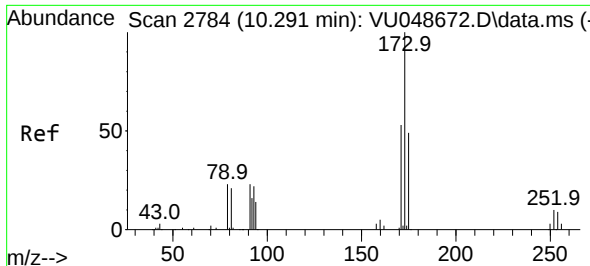
Tgt Ion:106 Resp: 551643
Ion Ratio Lower Upper
106 100
91 214.0 107.7 323.3



#70
Styrene
Concen: 56.385 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion:104 Resp: 498120
Ion Ratio Lower Upper
104 100
78 57.1 41.2 61.8
103 59.6 43.4 65.2

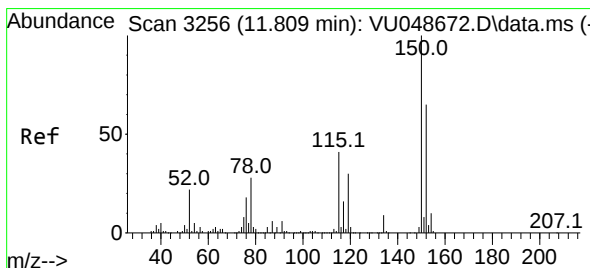
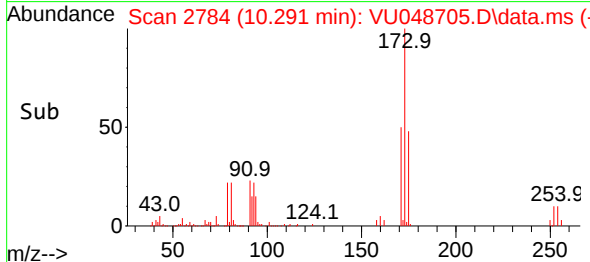
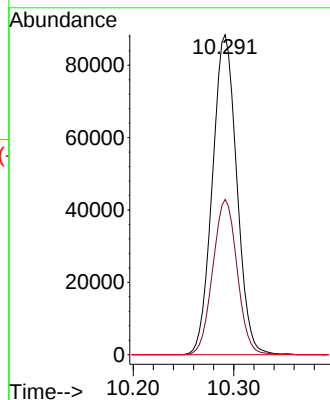
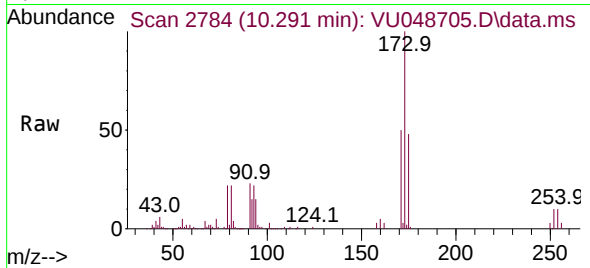




#71
Bromoform
Concen: 51.157 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

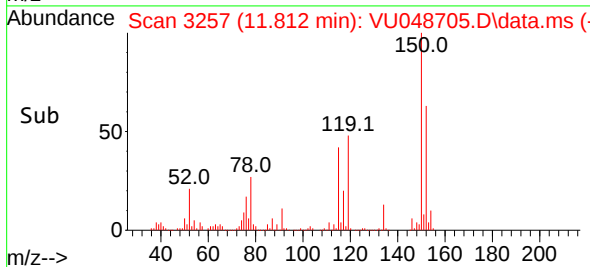
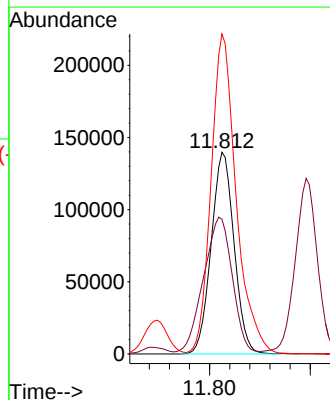
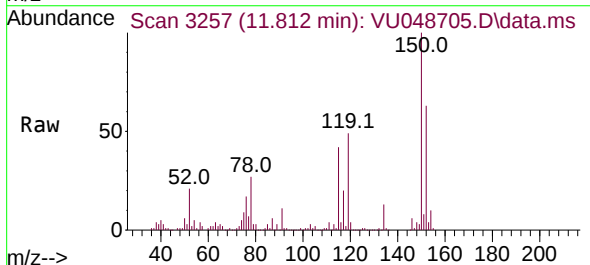
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

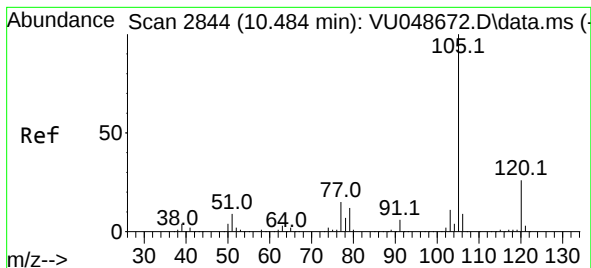
Tgt Ion:173 Resp: 148792
Ion Ratio Lower Upper
173 100
175 48.5 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion:152 Resp: 220657
Ion Ratio Lower Upper
152 100
115 82.6 41.8 125.4
150 173.8 0.0 341.0





#73

Isopropylbenzene

Concen: 115.186 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

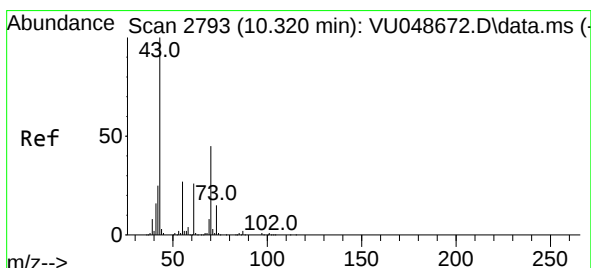
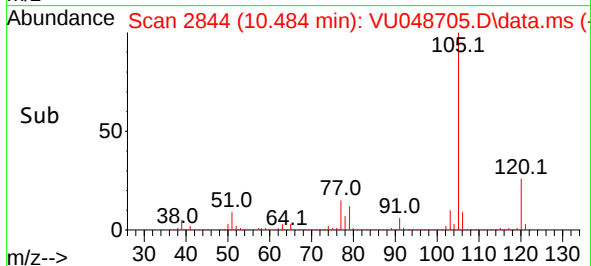
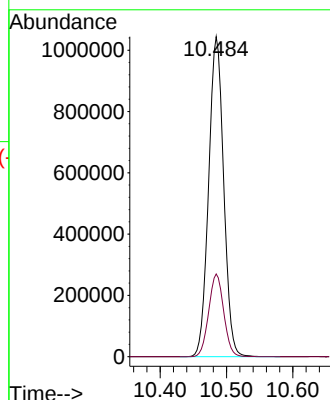
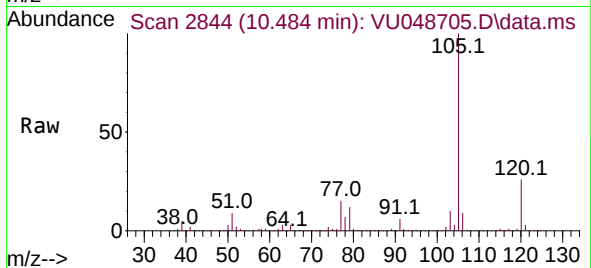
MW-02MS

Tgt Ion:105 Resp: 1640877

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 41.461 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Tgt Ion: 43 Resp: 295826

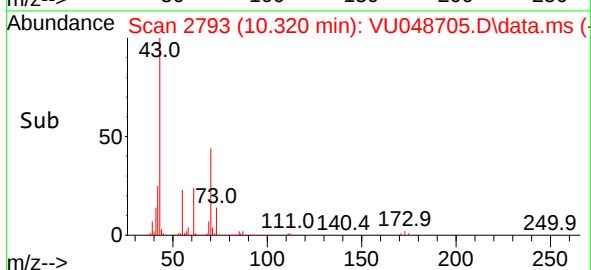
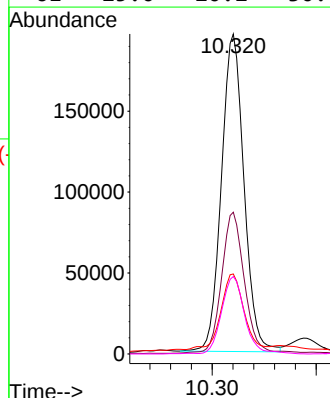
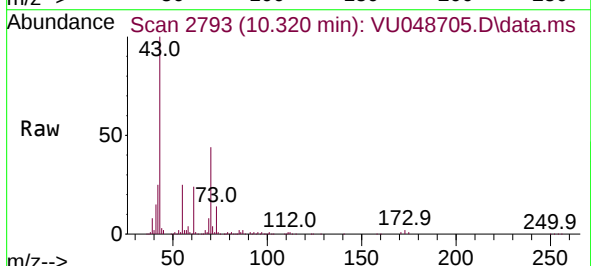
Ion Ratio Lower Upper

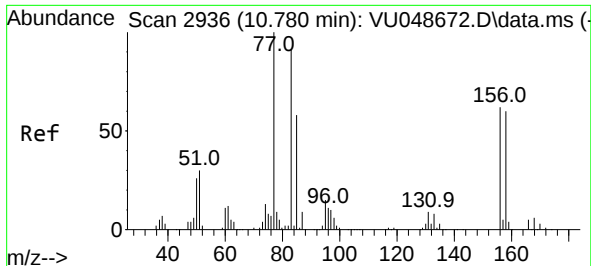
43 100

70 44.4 35.8 53.6

55 24.0 21.1 31.7

61 25.0 20.2 30.4

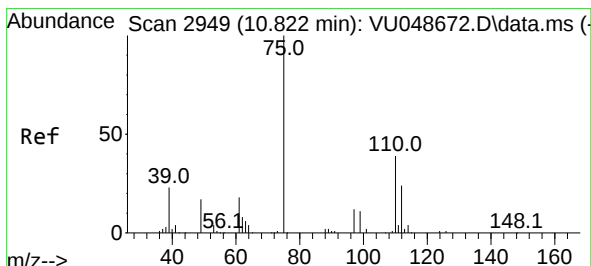
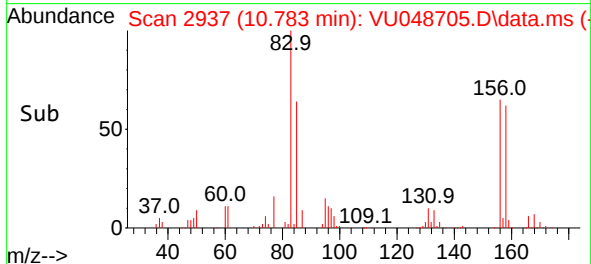
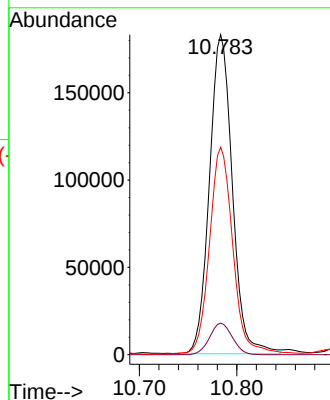
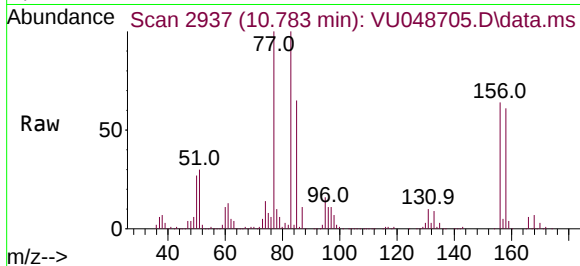




#75
1,1,2,2-Tetrachloroethane
Concen: 51.311 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

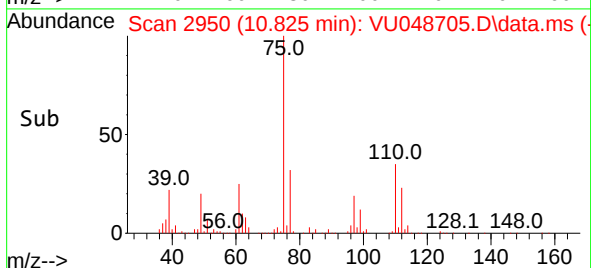
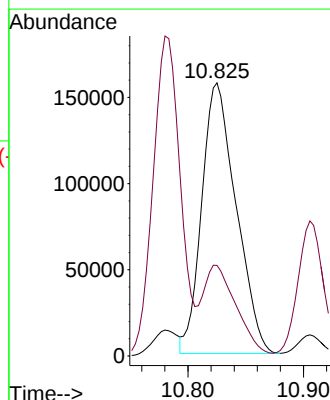
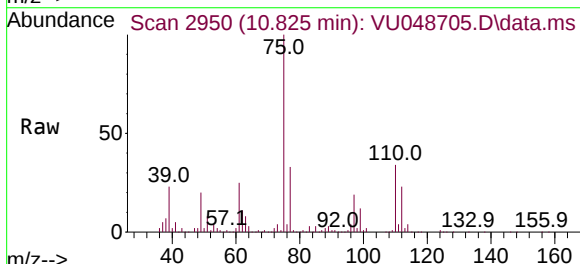
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

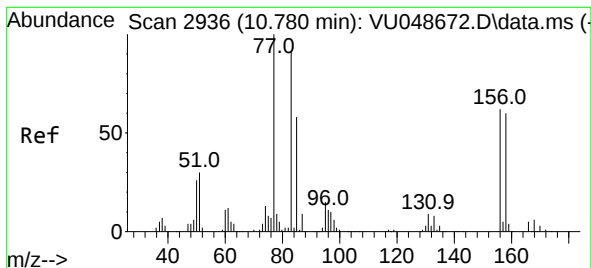
Tgt Ion: 83 Resp: 298292
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 66.0 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 45.544 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 75 Resp: 324025
Ion Ratio Lower Upper
75 100
77 29.5 14.8 44.3





#77

Bromobenzene

Concen: 49.810 ug/l

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

MW-02MS

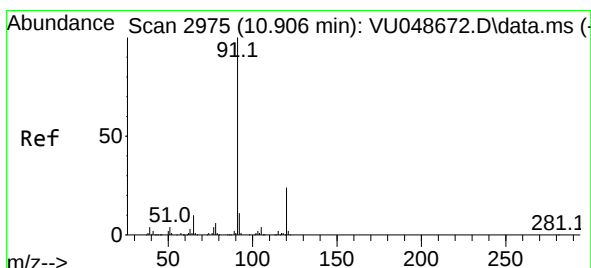
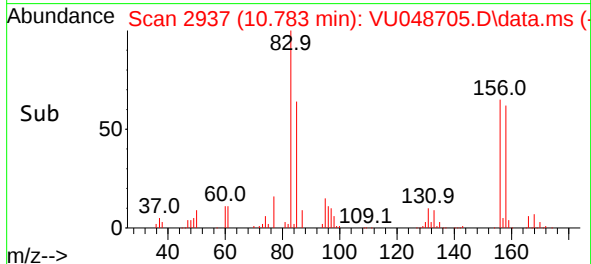
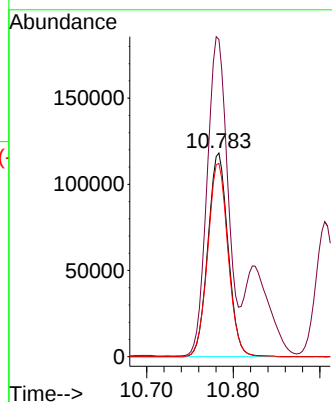
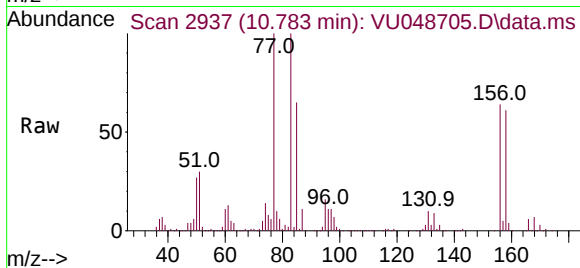
Tgt Ion:156 Resp: 190564

Ion Ratio Lower Upper

156 100

77 159.5 81.1 243.3

158 95.9 48.8 146.4



#78

n-propylbenzene

Concen: 177.373 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU048705.D

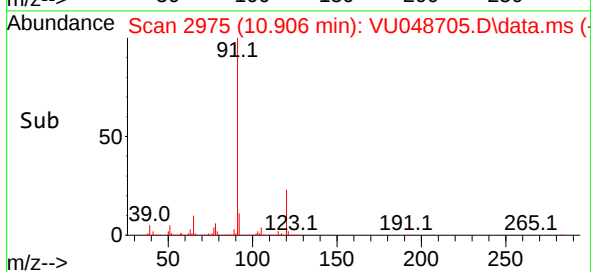
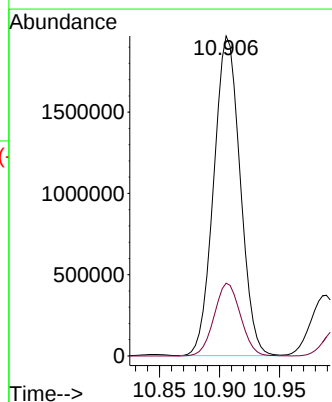
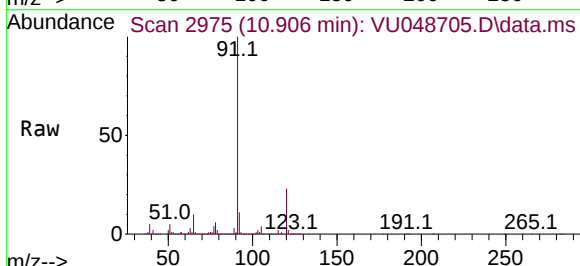
Acq: 27 May 2022 19:46

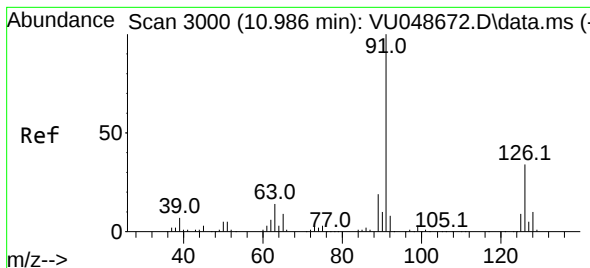
Tgt Ion: 91 Resp: 3010852

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.7





#79

2-Chlorotoluene

Concen: 59.728 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

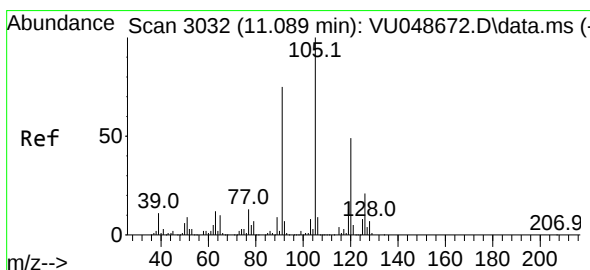
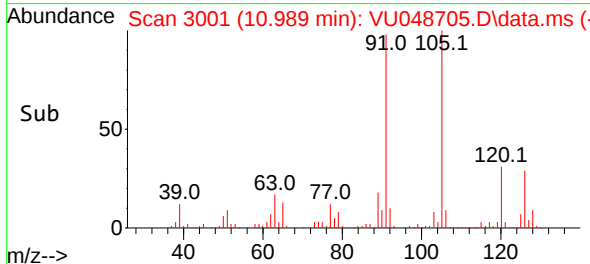
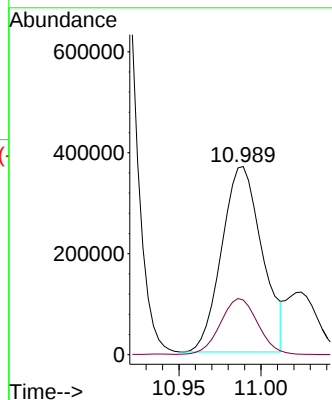
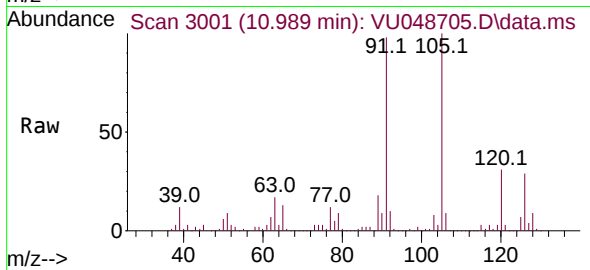
MW-02MS

Tgt Ion: 91 Resp: 630494

Ion Ratio Lower Upper

91 100

126 27.9 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 216.440 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048705.D

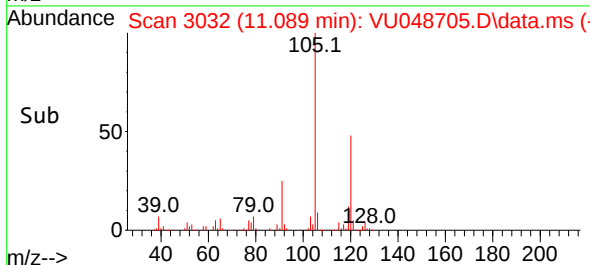
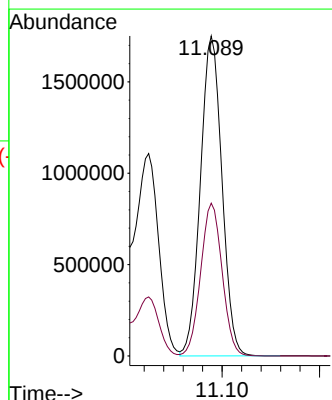
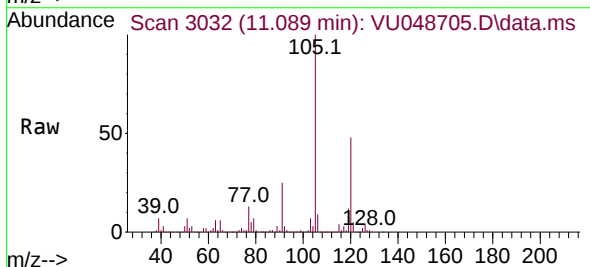
Acq: 27 May 2022 19:46

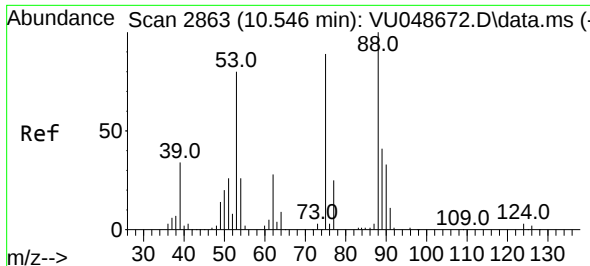
Tgt Ion:105 Resp: 2681333

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.3

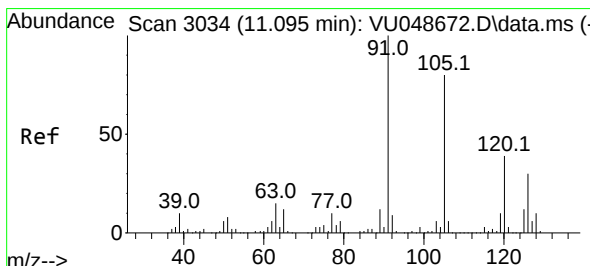
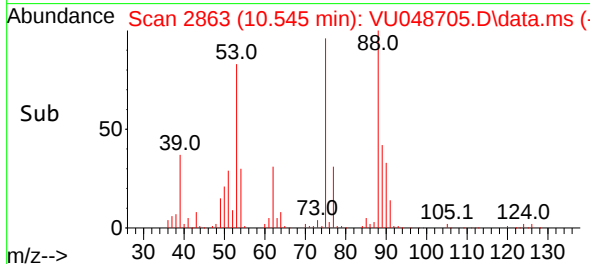
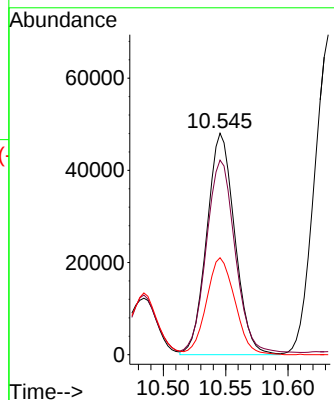
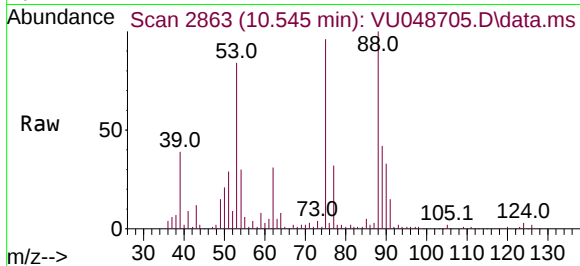




#81
trans-1,4-Dichloro-2-butene
Concen: 38.334 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

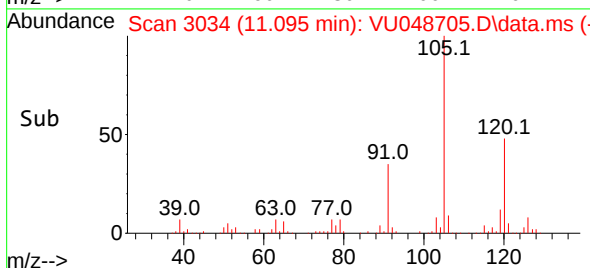
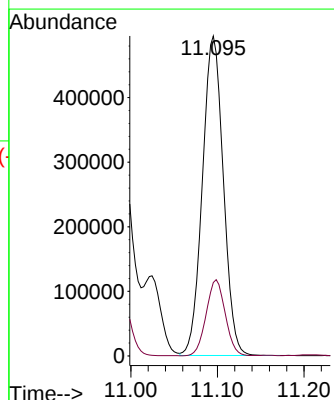
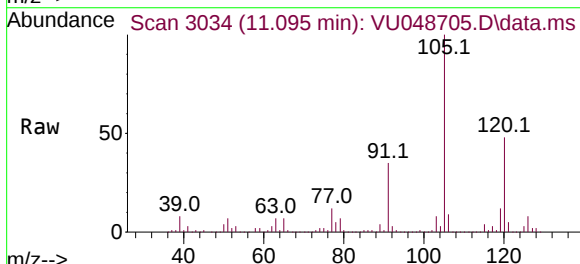
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

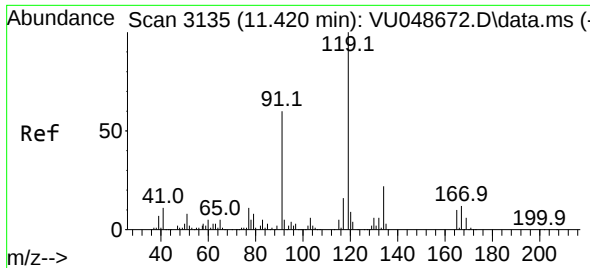
Tgt Ion: 75 Resp: 75113
Ion Ratio Lower Upper
75 100
53 88.7 72.5 108.7
89 44.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 68.085 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 91 Resp: 829239
Ion Ratio Lower Upper
91 100
126 21.8 14.4 43.2

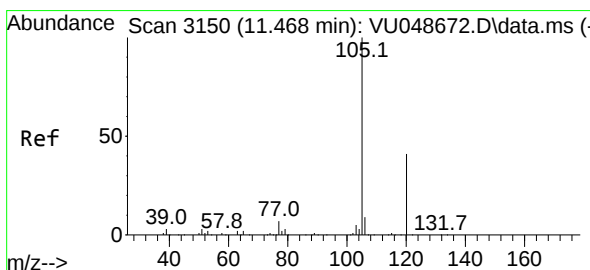
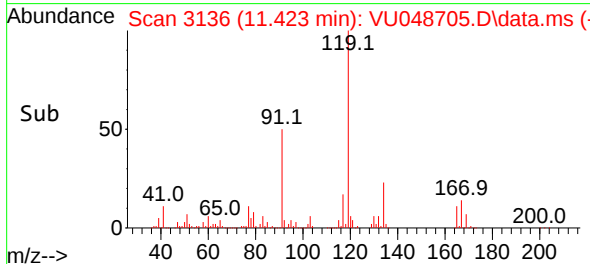
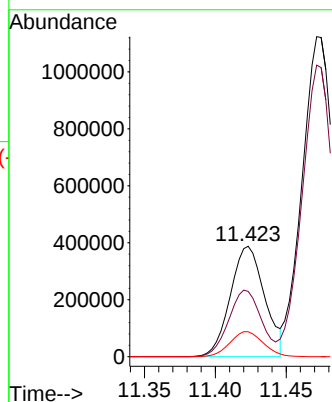
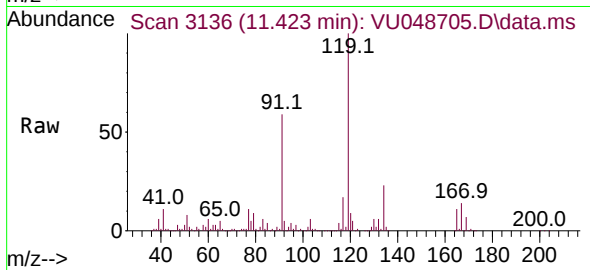




#83
tert-Butylbenzene
Concen: 54.995 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

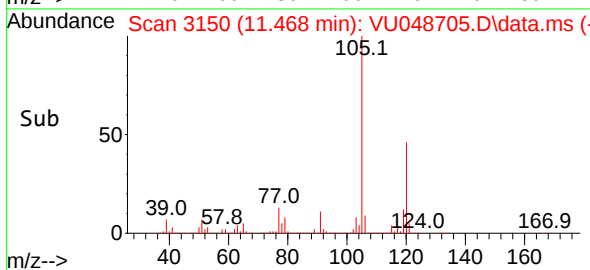
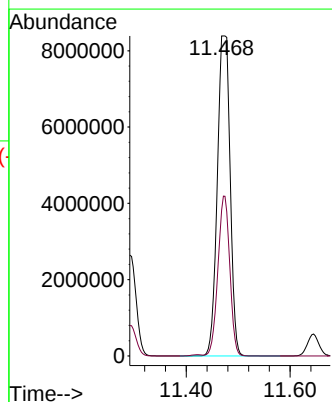
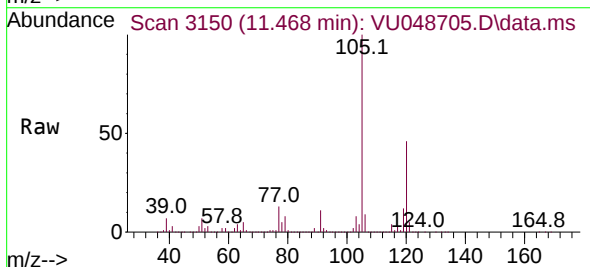
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

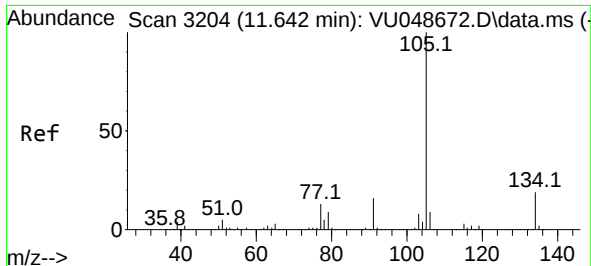
Tgt Ion:119 Resp: 653887
Ion Ratio Lower Upper
119 100
91 57.2 28.7 86.1
134 22.1 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 1050.148 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion:105 Resp:14345431
Ion Ratio Lower Upper
105 100
120 46.0 22.5 67.5

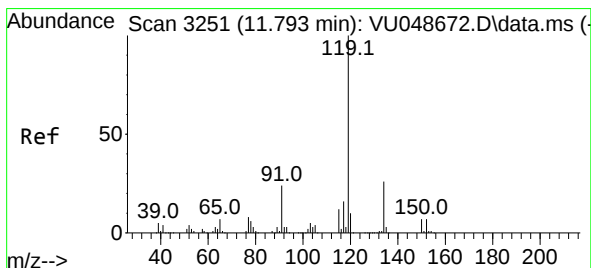
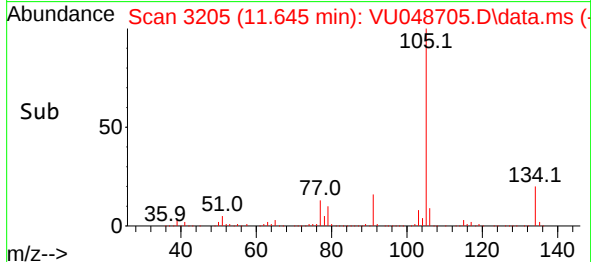
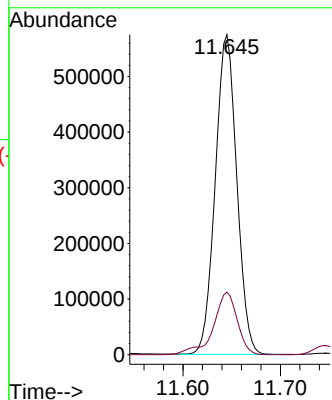
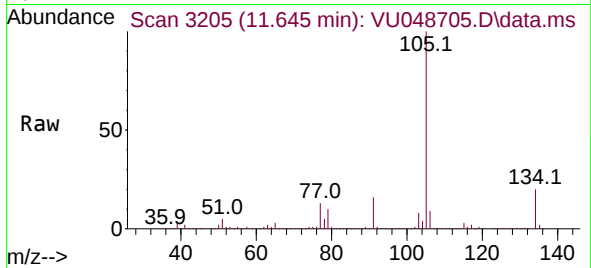




#85
 sec-Butylbenzene
 Concen: 59.240 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

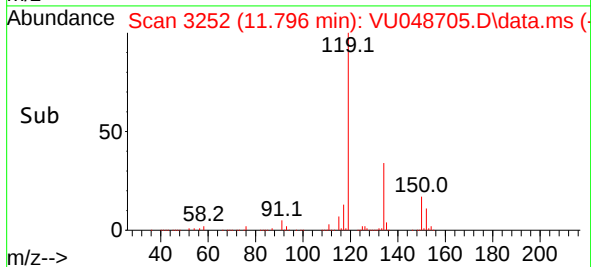
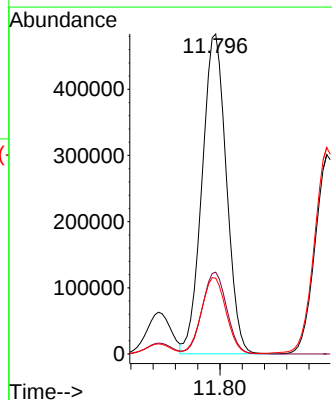
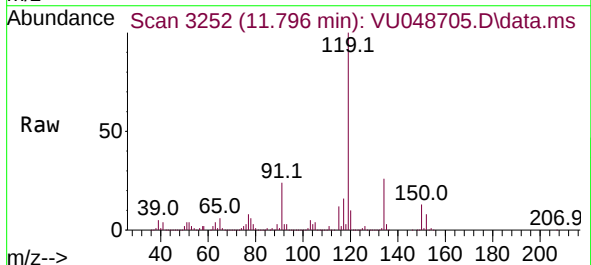
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02MS

Tgt Ion:105 Resp: 881182
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 57.199 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

Tgt Ion:119 Resp: 730639
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 24.0 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 48.387 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

MW-02MS

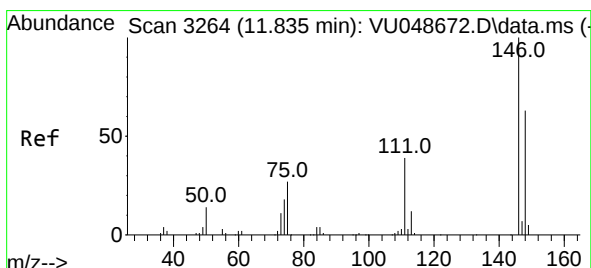
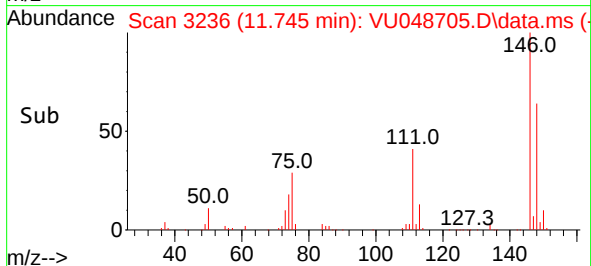
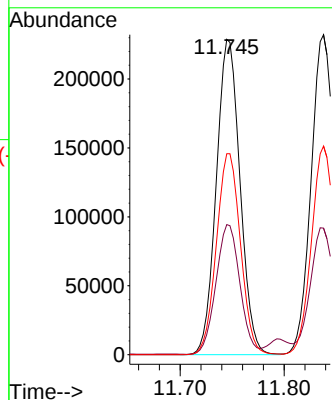
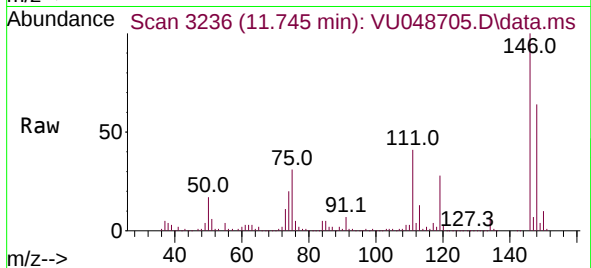
Tgt Ion:146 Resp: 362950

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 64.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.934 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

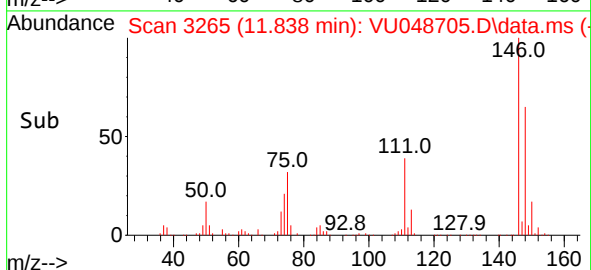
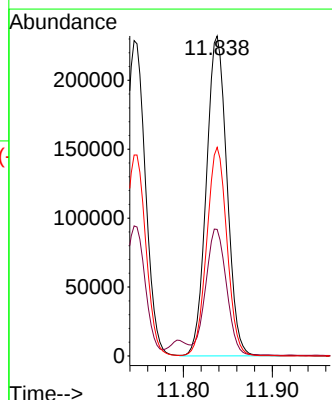
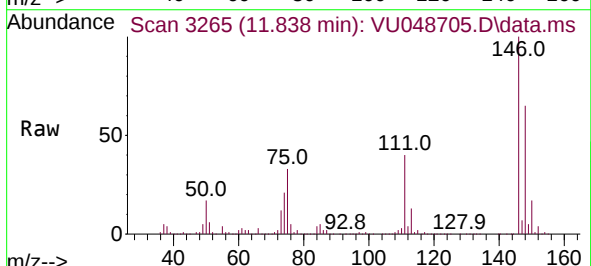
Tgt Ion:146 Resp: 371469

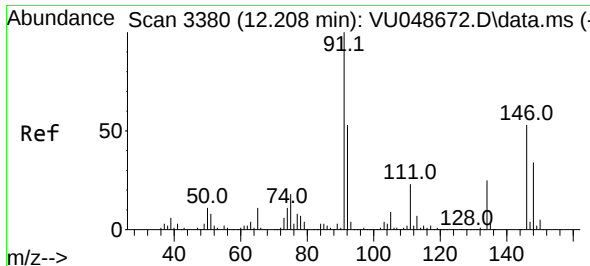
Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.6

148 64.4 32.4 97.0

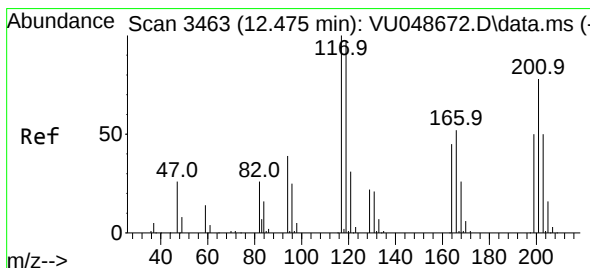
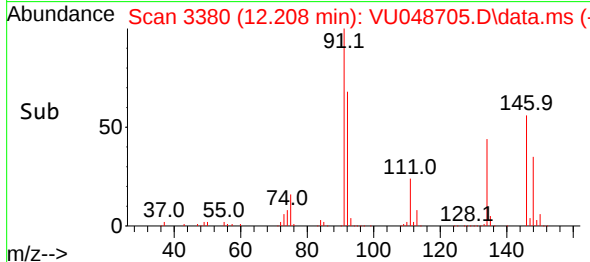
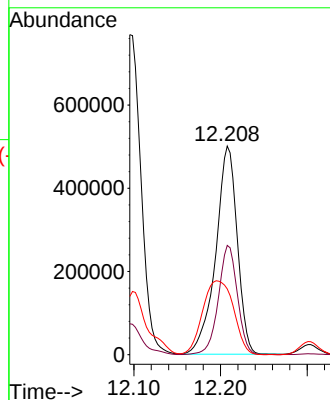
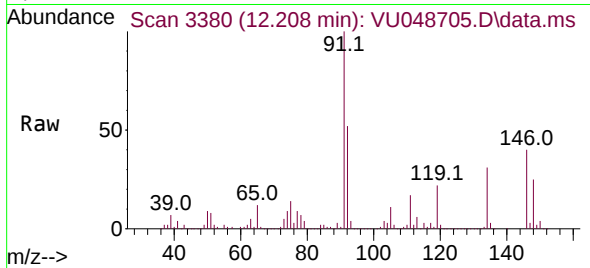




#89
n-Butylbenzene
Concen: 66.761 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

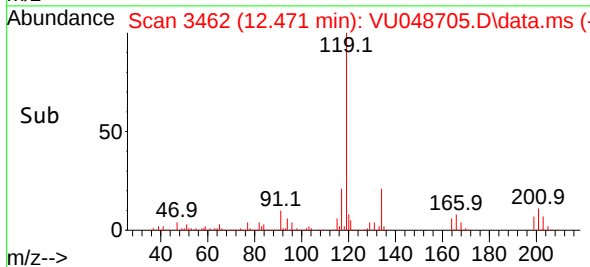
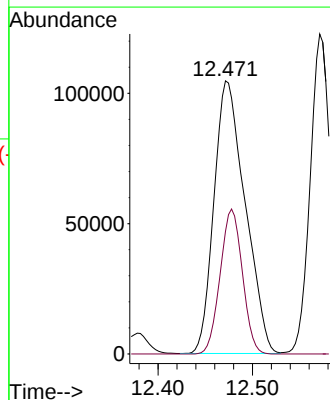
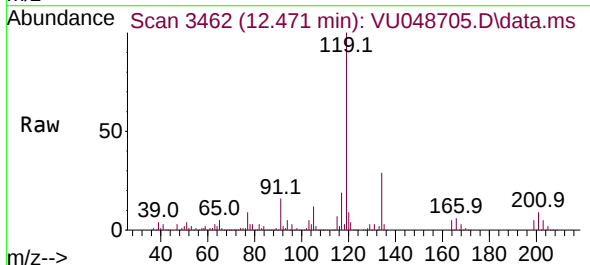
Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

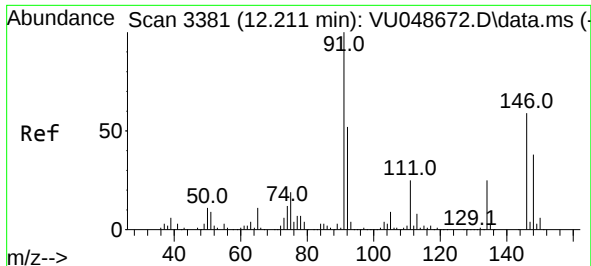
Tgt Ion: 91 Resp: 863399
Ion Ratio Lower Upper
91 100
92 46.3 25.9 77.8
134 50.9 12.5 37.5#



#90
Hexachloroethane
Concen: 91.779 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion: 117 Resp: 239263
Ion Ratio Lower Upper
117 100
201 37.9 39.6 119.0#

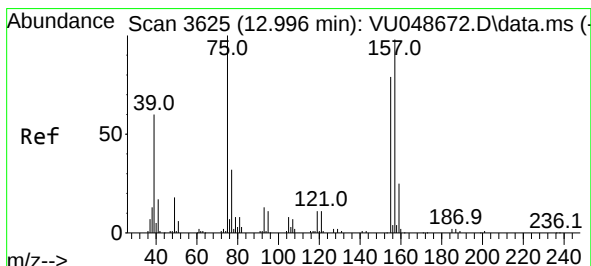
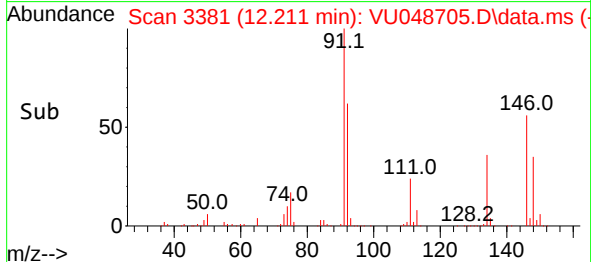
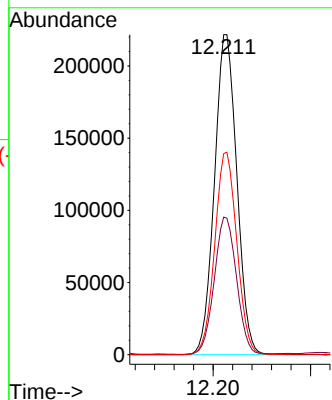
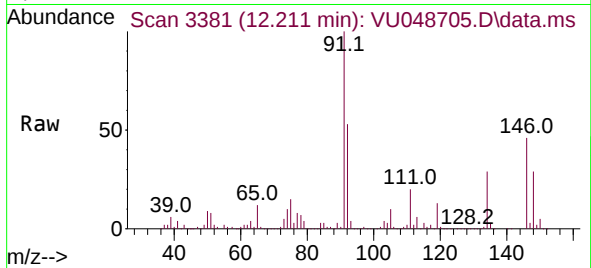




#91
 1,2-Dichlorobenzene
 Concen: 46.710 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.000 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

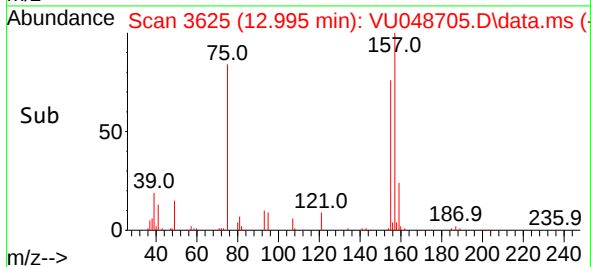
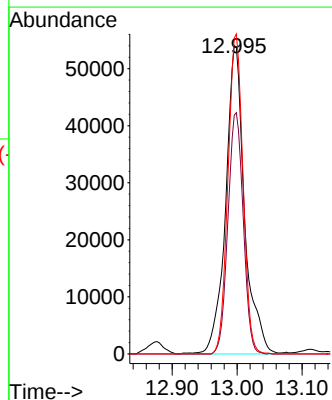
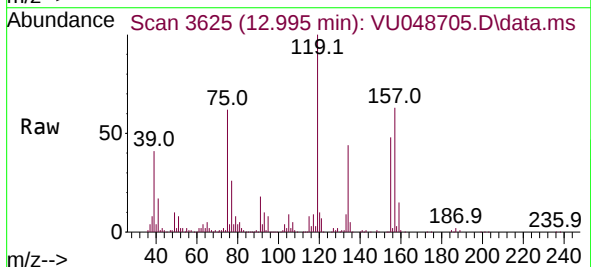
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02MS

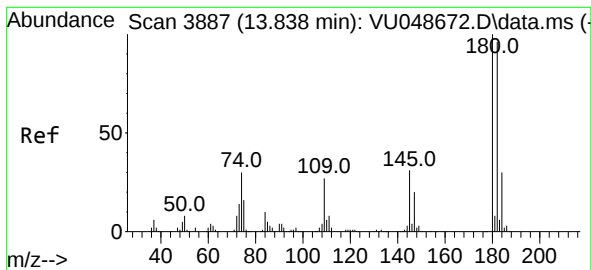
Tgt Ion:146 Resp: 353952
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.4 64.3
 148 62.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 65.409 ug/l
 RT: 12.995 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU048705.D
 Acq: 27 May 2022 19:46

Tgt Ion: 75 Resp: 109484
 Ion Ratio Lower Upper
 75 100
 155 63.0 40.3 120.8
 157 82.3 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 50.368 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

MW-02MS

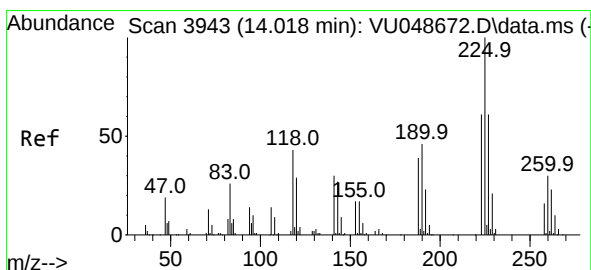
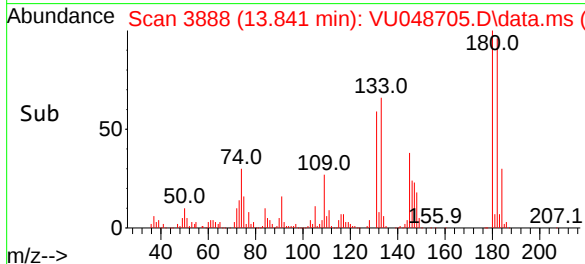
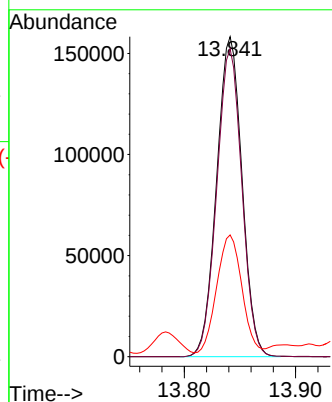
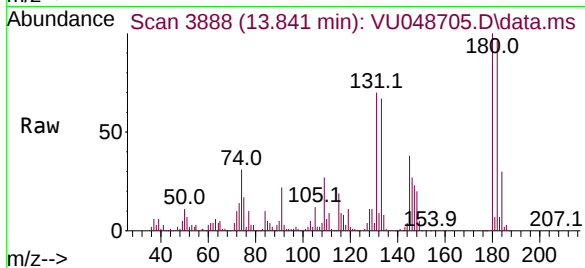
Tgt Ion:180 Resp: 250456

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.9

145 36.3 15.6 46.7



#94

Hexachlorobutadiene

Concen: 38.082 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048705.D

Acq: 27 May 2022 19:46

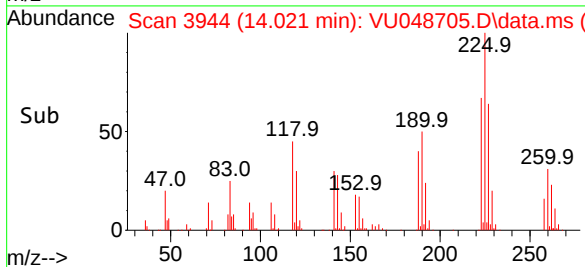
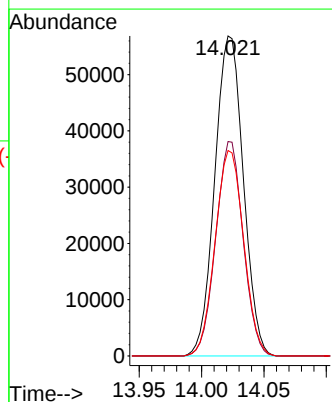
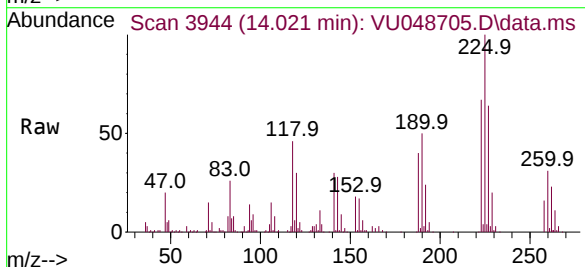
Tgt Ion:225 Resp: 90766

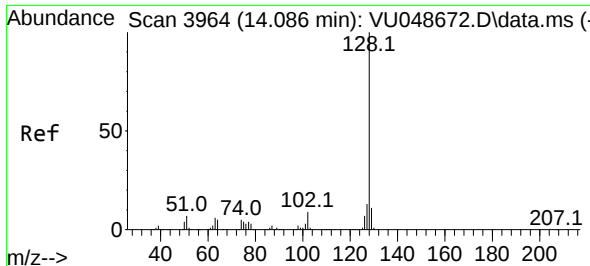
Ion Ratio Lower Upper

225 100

223 64.1 30.9 92.8

227 64.2 31.1 93.5

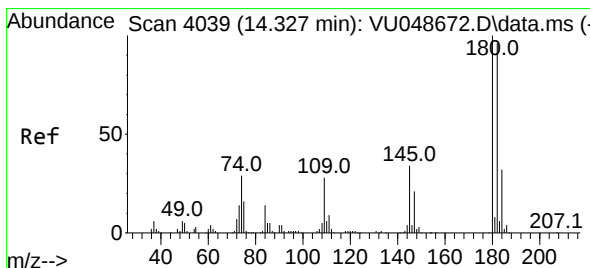
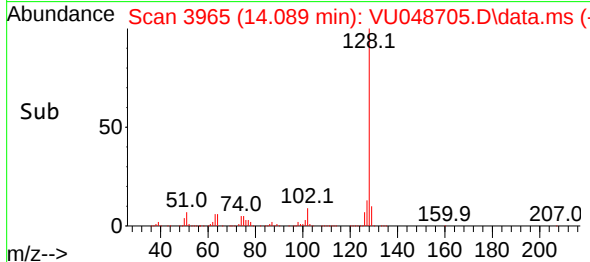
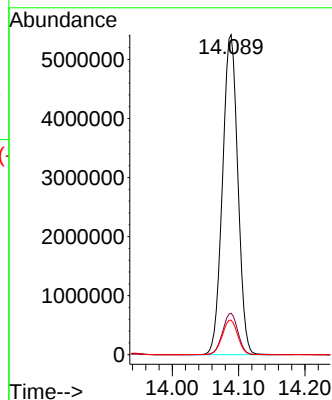
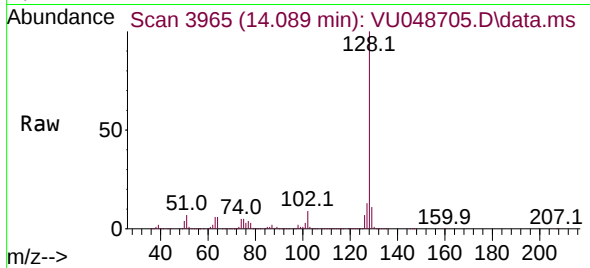




#95
Naphthalene
Concen: 476.262 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Instrument :
MSVOA_U
ClientSampleId :
MW-02MS

Tgt Ion:128 Resp: 8667069
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.861 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048705.D
Acq: 27 May 2022 19:46

Tgt Ion:180 Resp: 250494
Ion Ratio Lower Upper
180 100
182 96.9 47.4 142.2
145 39.8 16.6 49.8

