

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048704.D
 Acq On : 27 May 2022 19:23
 Operator : SY/MD
 Sample : N3064-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MSD

Quant Time: May 28 00:24:00 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	221016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	387019	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	371161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	191958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	180487	54.376	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.760%	
35) Dibromofluoromethane	5.289	113	141369	51.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.400%	
50) Toluene-d8	7.896	98	524124	52.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.920%	
62) 4-Bromofluorobenzene	10.633	95	200846	53.657	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.382	85	125740	49.697	ug/l	98
3) Chloromethane	1.524	50	164814	50.601	ug/l	98
4) Vinyl Chloride	1.604	62	158968	52.696	ug/l	99
5) Bromomethane	1.845	94	69945	40.872	ug/l	95
6) Chloroethane	1.929	64	92343	56.049	ug/l	98
7) Trichlorofluoromethane	2.134	101	207398	48.138	ug/l	99
8) Diethyl Ether	2.376	74	82711	52.023	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.578	101	114455	48.531	ug/l	97
10) Methyl Iodide	2.720	142	170599	48.777	ug/l	97
11) Tert butyl alcohol	3.173	59	236352	280.863	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	117767	52.353	ug/l	97
13) Acrolein	2.485	56	45685	162.333	ug/l	96
14) Allyl chloride	2.922	41	219969	50.487	ug/l	97
15) Acrylonitrile	3.308	53	539547	295.625	ug/l	99
16) Acetone	2.620	43	474386	280.441	ug/l	99
17) Carbon Disulfide	2.790	76	322964	49.181	ug/l	99
18) Methyl Acetate	2.945	43	203696	47.961	ug/l	100
19) Methyl tert-butyl Ether	3.363	73	465206	54.503	ug/l	98
20) Methylene Chloride	3.044	84	149711	52.046	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	131245	51.006	ug/l	95
22) Diisopropyl ether	3.990	45	453155	56.385	ug/l	93
23) Vinyl Acetate	3.954	43	1484721	213.223	ug/l	99
24) 1,1-Dichloroethane	3.871	63	268500	53.194	ug/l	100
25) 2-Butanone	4.697	43	738078	303.724	ug/l	99
26) 2,2-Dichloropropane	4.665	77	106631	23.547	ug/l	93
27) cis-1,2-Dichloroethene	4.665	96	156867	52.668	ug/l	92
28) Bromochloromethane	4.970	49	112027	56.584	ug/l	98
29) Tetrahydrofuran	5.048	42	471088	307.760	ug/l	98
30) Chloroform	5.089	83	292003	57.817	ug/l	100
31) Cyclohexane	5.388	56	207733	49.661	ug/l	99
32) 1,1,1-Trichloroethane	5.318	97	228324	49.830	ug/l	98
36) 1,1-Dichloropropene	5.527	75	181261	44.981	ug/l	99
37) Ethyl Acetate	4.800	43	208254	40.879	ug/l	99
38) Carbon Tetrachloride	5.523	117	197261	42.668	ug/l	98
39) Methylcyclohexane	6.765	83	195104	46.175	ug/l	99
40) Benzene	5.774	78	547440	46.015	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	137812	53.533	ug/l	99
42) 1,2-Dichloroethane	5.793	62	210649	45.232	ug/l	100
43) Isopropyl Acetate	5.909	43	320898	43.400	ug/l	100
44) Trichloroethene	6.543	130	142113	46.366	ug/l	98
45) 1,2-Dichloropropane	6.790	63	157953	52.737	ug/l	98
46) Dibromomethane	6.919	93	110170	49.234	ug/l	99
47) Bromodichloromethane	7.105	83	216968	47.947	ug/l	100
48) Methyl methacrylate	6.957	41	181181	54.584	ug/l	99
49) 1,4-Dioxane	6.961	88	83850	1130.032	ug/l	95
51) 4-Methyl-2-Pentanone	7.790	43	1369952	285.342	ug/l	99
52) Toluene	7.970	92	358525	50.382	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	216849	44.423	ug/l	96
54) cis-1,3-Dichloropropene	7.607	75	218745	43.245	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	145512	46.332	ug/l	99
56) Ethyl methacrylate	8.334	69	244804	49.362	ug/l	98
57) 1,3-Dichloropropane	8.575	76	253341	47.928	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	43	29.791	ug/l #	47
59) 2-Hexanone	8.684	43	1058581	268.570	ug/l	99
60) Dibromochloromethane	8.809	129	166235	47.219	ug/l	99
61) 1,2-Dibromoethane	8.922	107	163813	47.362	ug/l	99
64) Tetrachloroethene	8.552	164	116226	44.984	ug/l	96
65) Chlorobenzene	9.446	112	384804	49.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	146460	49.152	ug/l	99
67) Ethyl Benzene	9.571	91	687623	51.935	ug/l	98
68) m/p-Xylenes	9.694	106	539476	104.180	ug/l	99
69) o-Xylene	10.099	106	257555	50.626	ug/l	100
70) Styrene	10.112	104	437138	52.239	ug/l	99
71) Bromoform	10.289	173	136669	49.608	ug/l #	99
73) Isopropylbenzene	10.485	105	674857	54.456	ug/l	99
74) N-amyl acetate	10.317	43	241981	39.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	277544	54.880	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	306764	49.564	ug/l	95
77) Bromobenzene	10.780	156	171634	51.570	ug/l	99
78) n-propylbenzene	10.906	91	781671	52.934	ug/l	100
79) 2-Chlorotoluene	10.986	91	474287	51.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	586471	54.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	67506	39.602	ug/l	98
82) 4-Chlorotoluene	11.096	91	566334	53.451	ug/l	99
83) tert-Butylbenzene	11.420	119	568692	54.981	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	590185	50.794	ug/l	99
85) sec-Butylbenzene	11.642	105	678682	52.448	ug/l	98
86) p-Isopropyltoluene	11.793	119	580155	52.208	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	324020	49.655	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	320467	47.535	ug/l	99
89) n-Butylbenzene	12.208	91	520048	46.896	ug/l	100
90) Hexachloroethane	12.475	117	108388	47.793	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	333169	50.541	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	77183	53.005	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	217899	50.372	ug/l	99
94) Hexachlorobutadiene	14.021	225	81973	39.535	ug/l	98
95) Naphthalene	14.086	128	811562	53.523	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	218781	51.064	ug/l	99

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QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

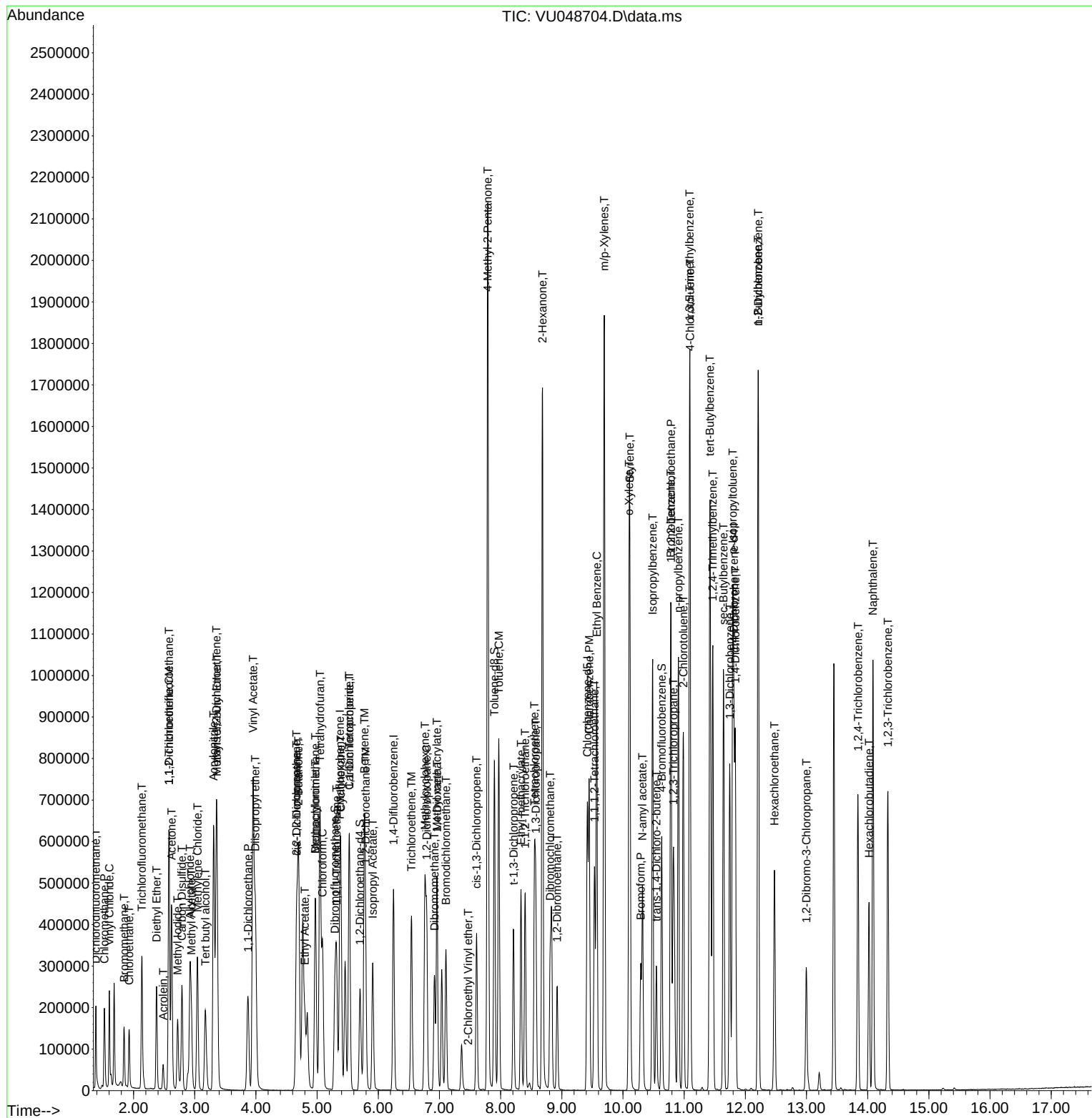
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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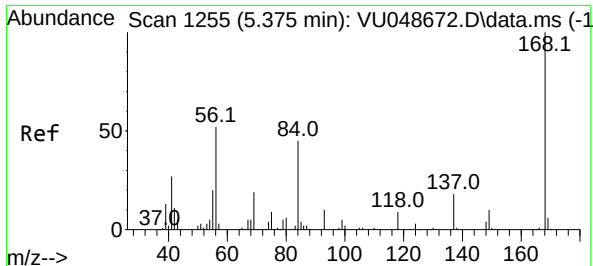
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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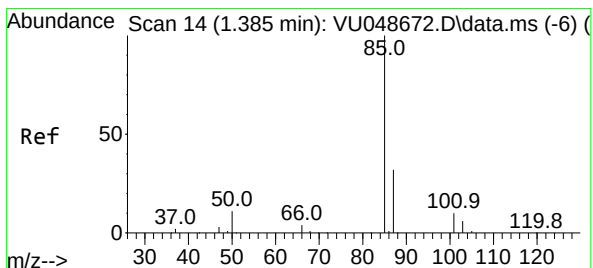
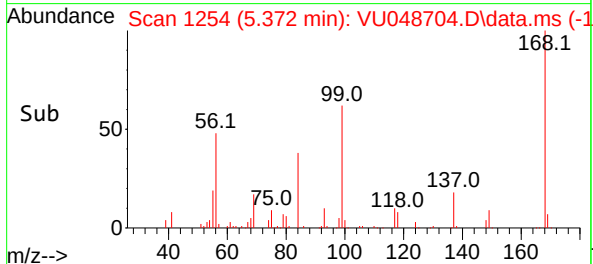
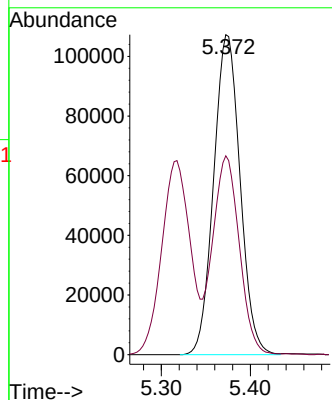
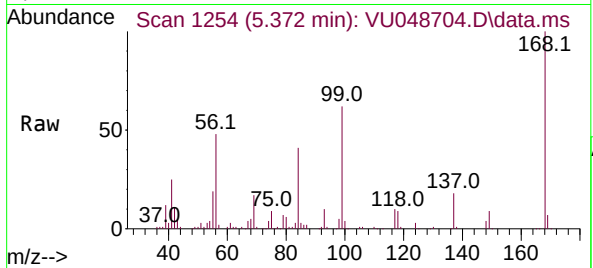




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048704.D
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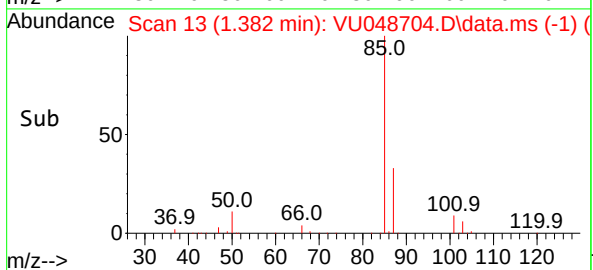
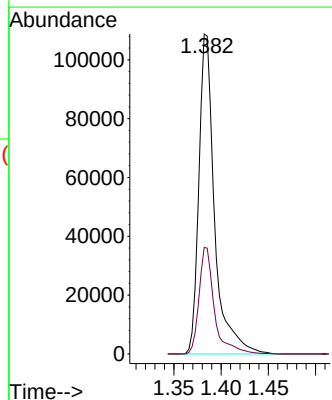
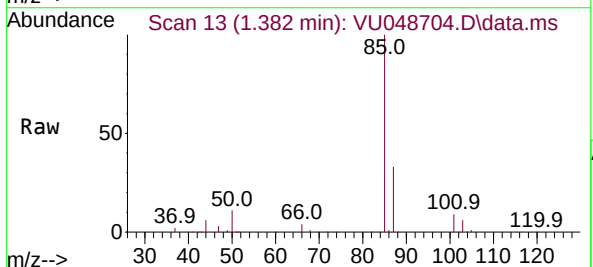
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

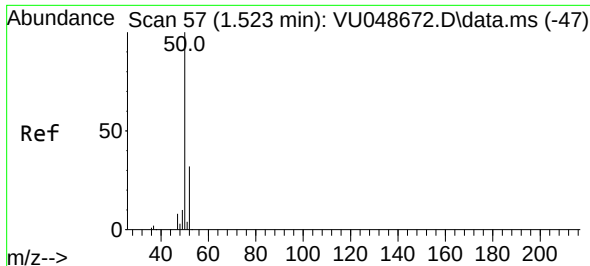
Tgt Ion:168 Resp: 221016
Ion Ratio Lower Upper
168 100
99 61.9 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 49.697 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 85 Resp: 125740
Ion Ratio Lower Upper
85 100
87 33.3 16.0 48.0

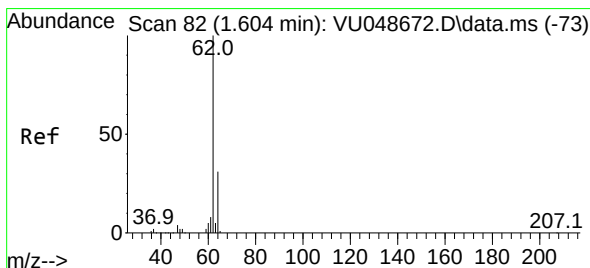
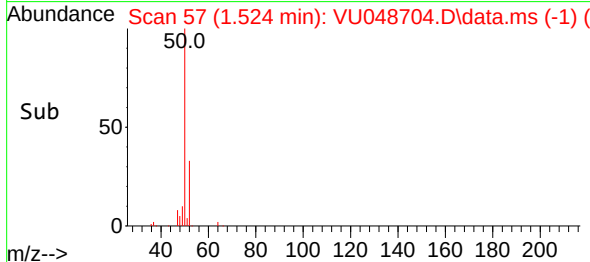
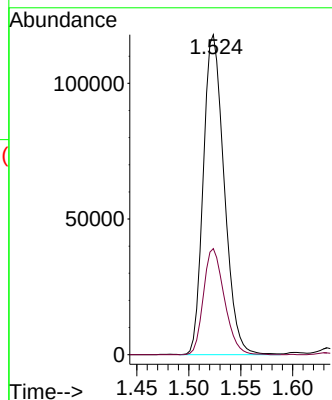
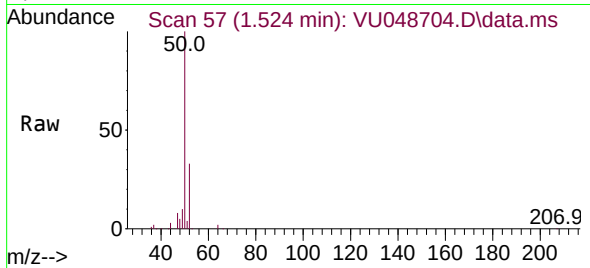




#3
Chloromethane
Concen: 50.601 ug/l
RT: 1.524 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

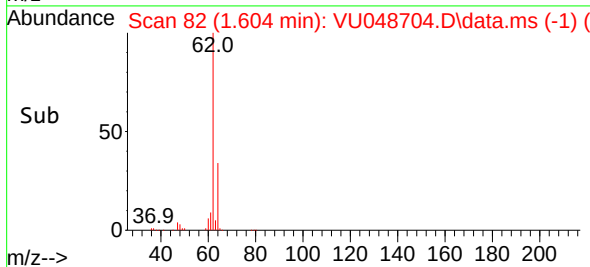
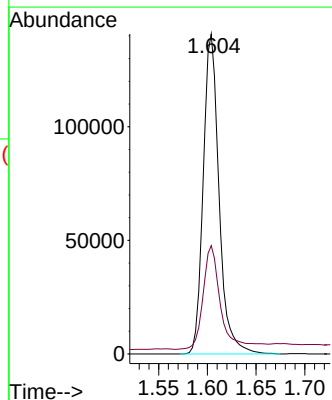
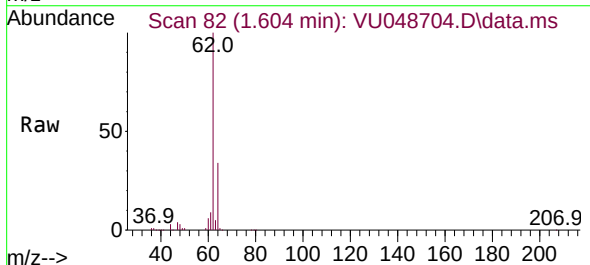
Instrument :
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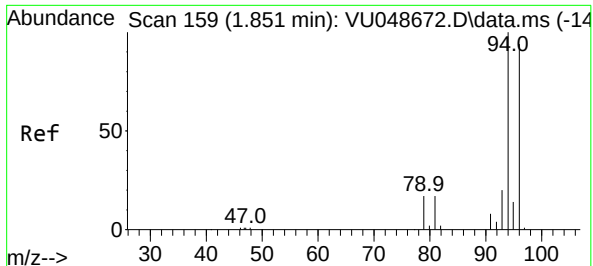
Tgt Ion: 50 Resp: 164814
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5



#4
Vinyl Chloride
Concen: 52.696 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 62 Resp: 158968
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8

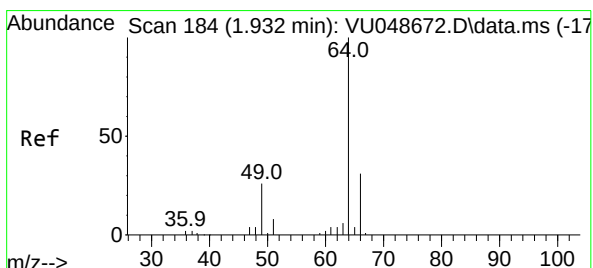
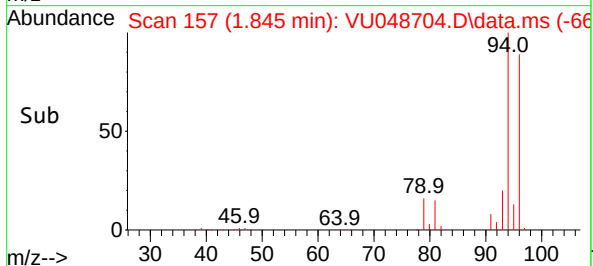
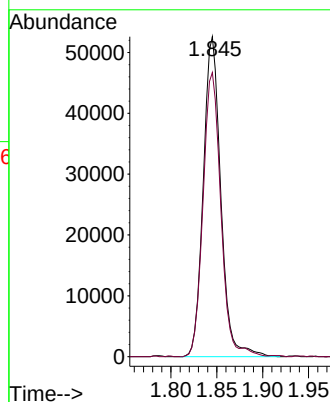
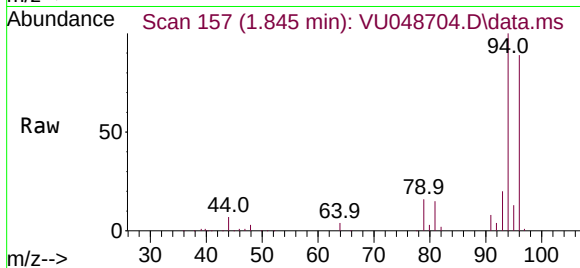




#5
Bromomethane
Concen: 40.872 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048704.D
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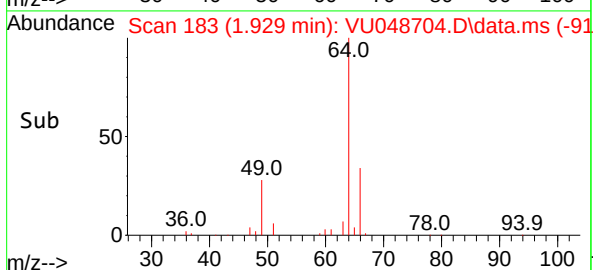
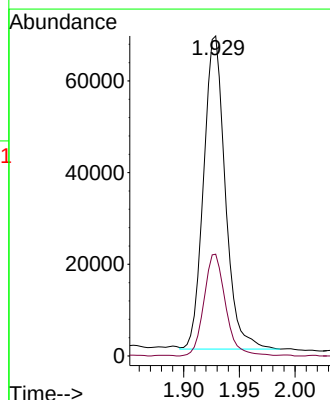
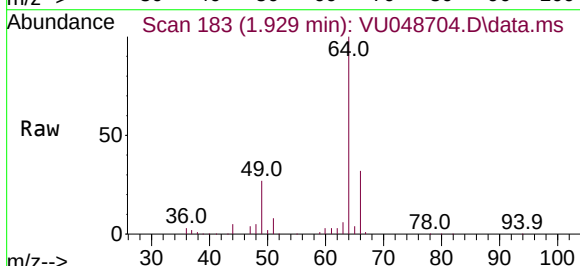
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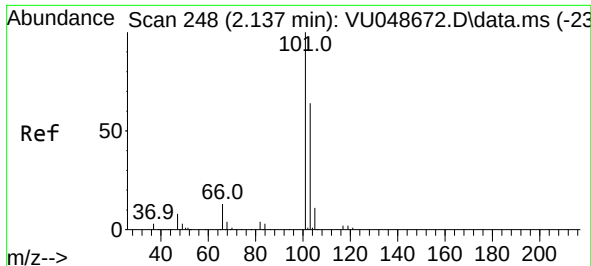
Tgt Ion: 94 Resp: 69945
Ion Ratio Lower Upper
94 100
96 88.8 75.1 112.7



#6
Chloroethane
Concen: 56.049 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 64 Resp: 92343
Ion Ratio Lower Upper
64 100
66 32.5 25.2 37.8

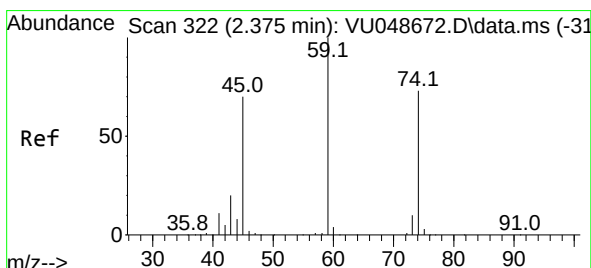
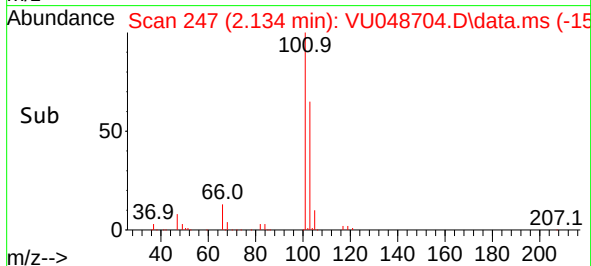
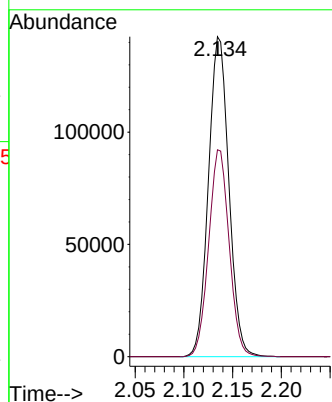
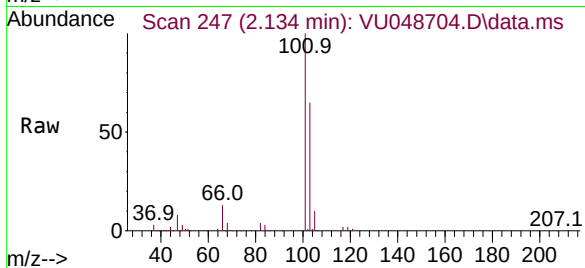




#7
 Trichlorofluoromethane
 Concen: 48.138 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU048704.D
 Acq: 27 May 2022 19:23

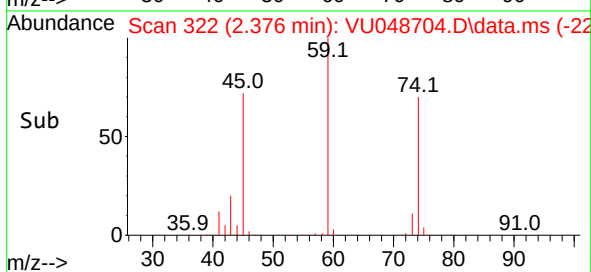
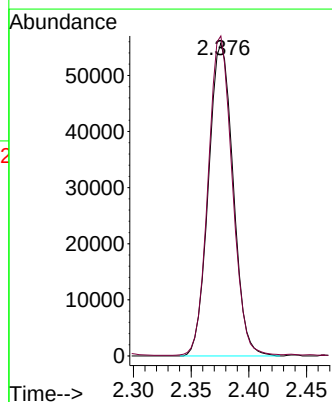
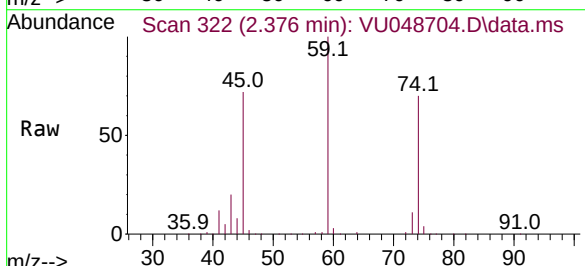
Instrument :
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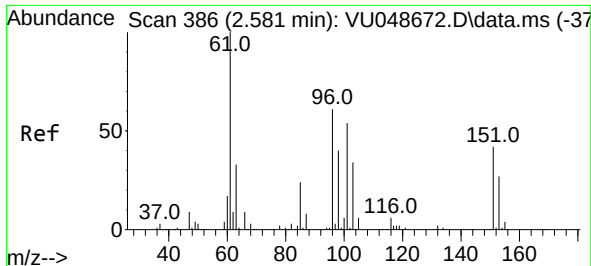
Tgt Ion:101 Resp: 207398
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.4



#8
 Diethyl Ether
 Concen: 52.023 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VU048704.D
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Tgt Ion: 74 Resp: 82711
 Ion Ratio Lower Upper
 74 100
 45 100.1 47.7 143.1

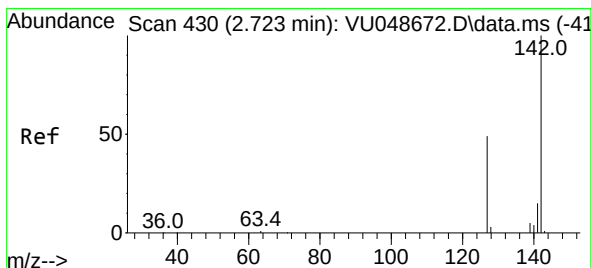
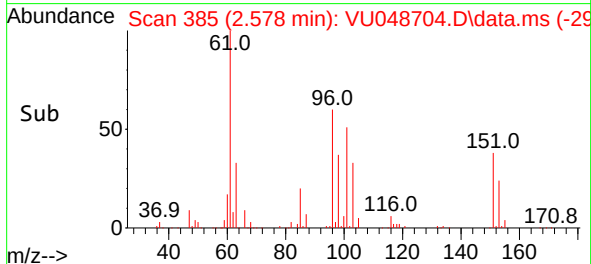
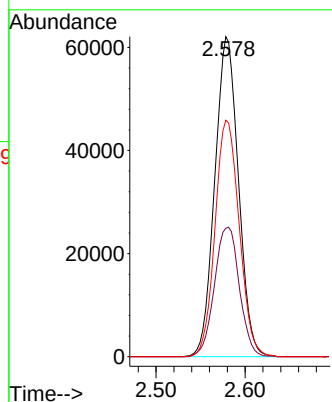
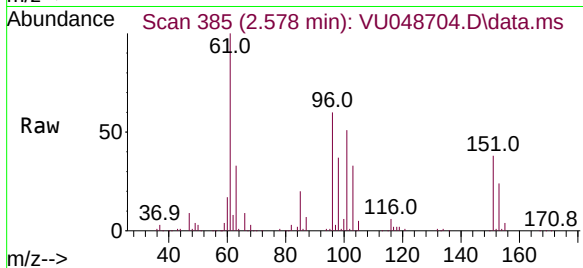




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.531 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

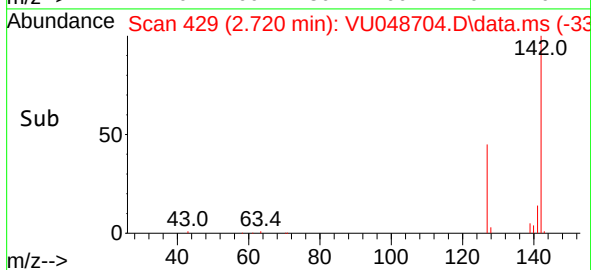
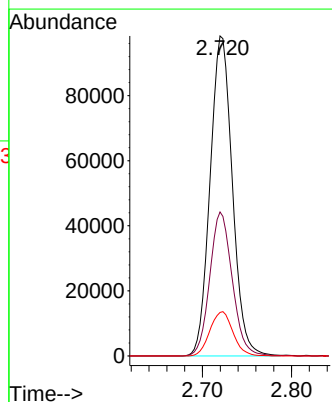
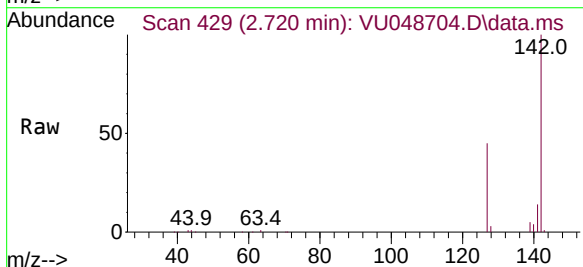
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

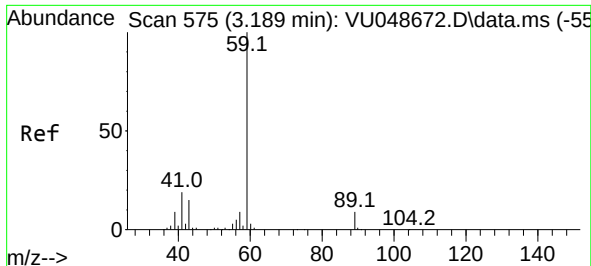
Tgt Ion:101 Resp: 114455
Ion Ratio Lower Upper
101 100
85 42.7 35.4 53.2
151 75.8 62.5 93.7



#10
Methyl Iodide
Concen: 48.777 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion:142 Resp: 170599
Ion Ratio Lower Upper
142 100
127 45.4 38.4 57.6
141 14.3 11.5 17.3

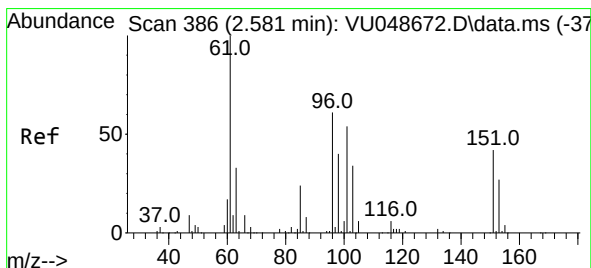
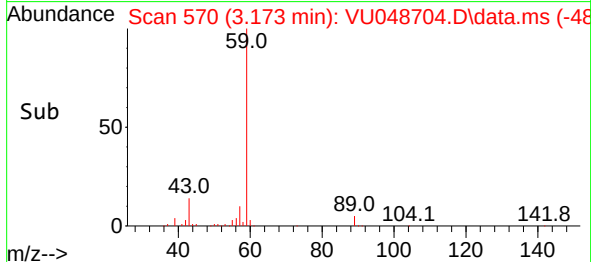
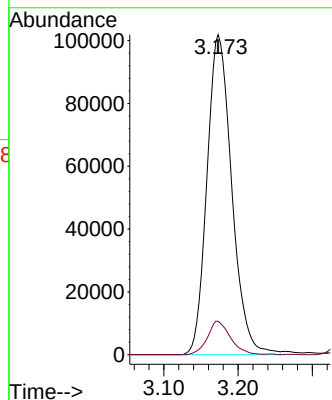
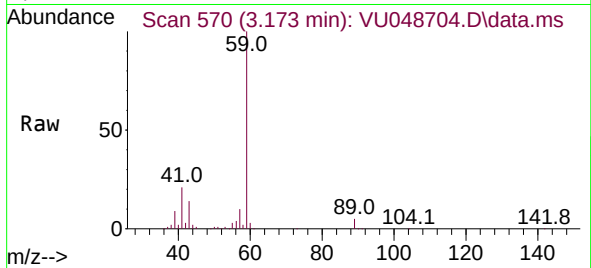




#11
Tert butyl alcohol
Concen: 280.863 ug/l
RT: 3.173 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

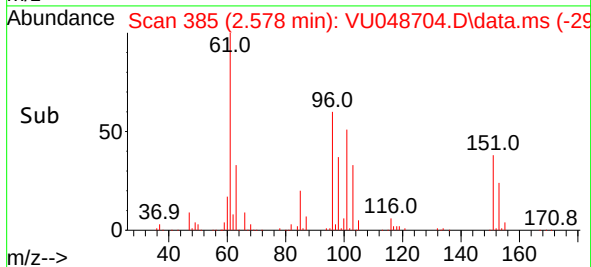
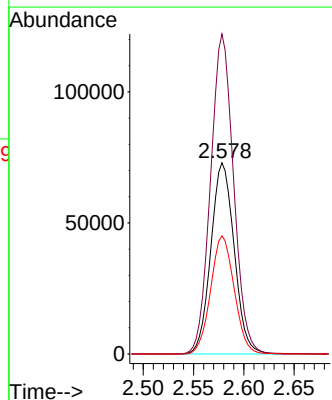
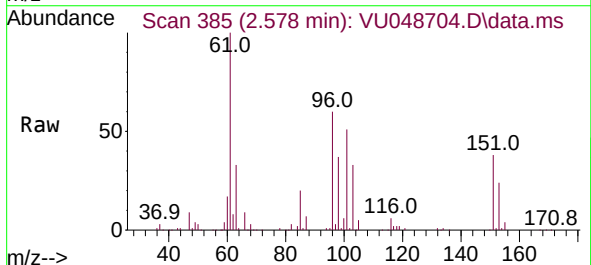
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

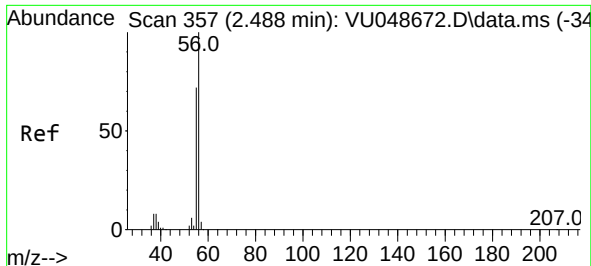
Tgt Ion: 59 Resp: 236352
Ion Ratio Lower Upper
59 100
57 9.7 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 52.353 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 96 Resp: 117767
Ion Ratio Lower Upper
96 100
61 167.4 131.1 196.7
98 61.8 51.8 77.8

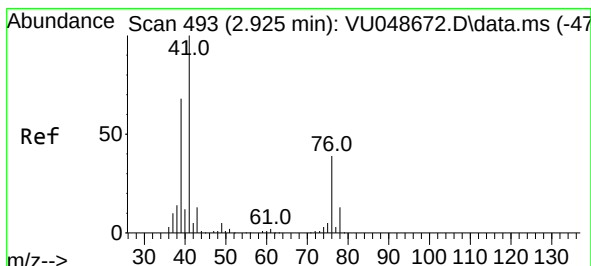
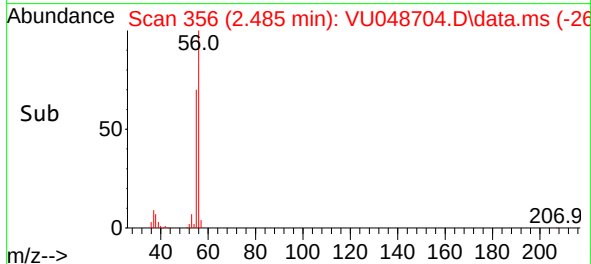
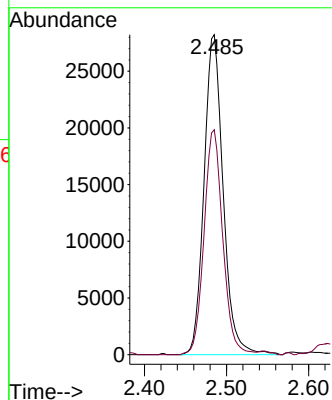
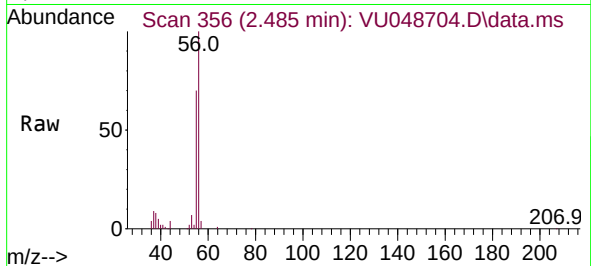




#13
Acrolein
Concen: 162.333 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

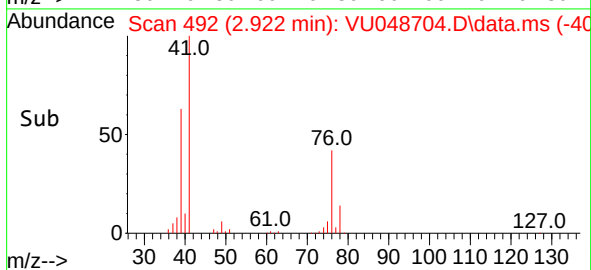
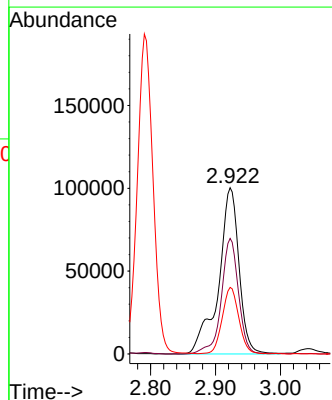
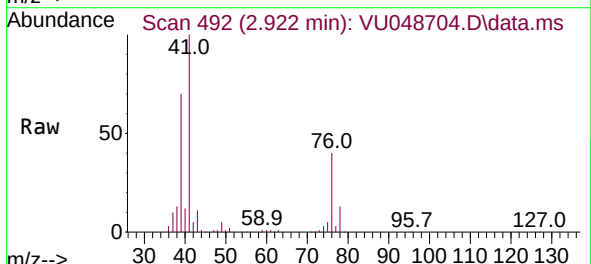
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

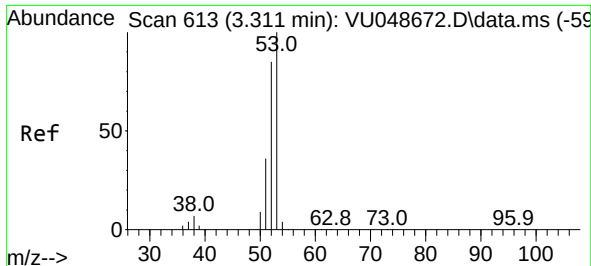
Tgt Ion: 56 Resp: 45685
Ion Ratio Lower Upper
56 100
55 68.8 57.7 86.5



#14
Allyl chloride
Concen: 50.487 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 41 Resp: 219969
Ion Ratio Lower Upper
41 100
39 58.1 48.6 72.8
76 32.1 27.0 40.4

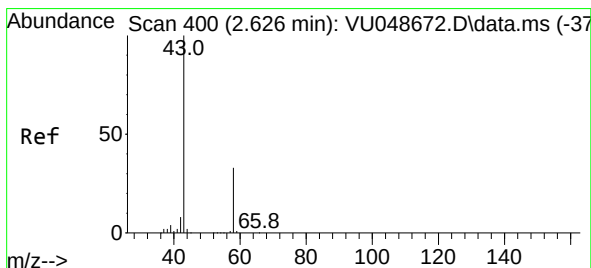
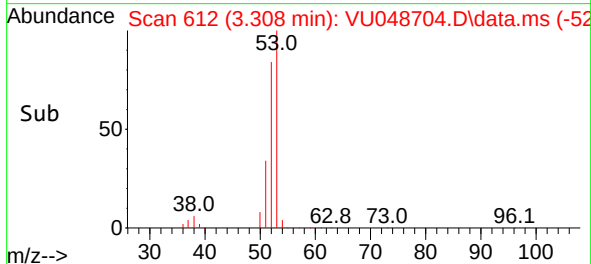
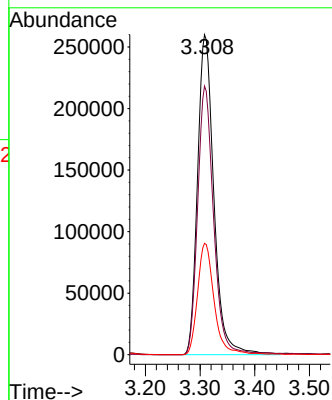
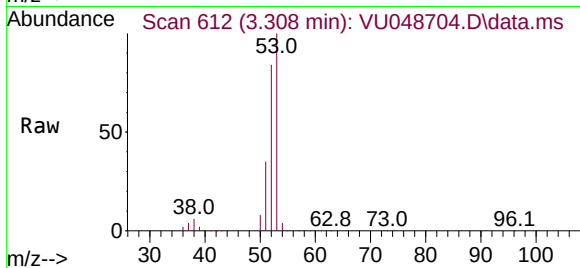




#15
Acrylonitrile
Concen: 295.625 ug/l
RT: 3.308 min Scan# 613
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

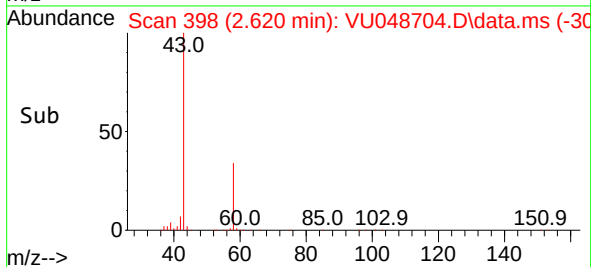
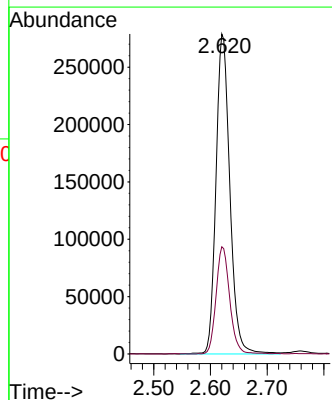
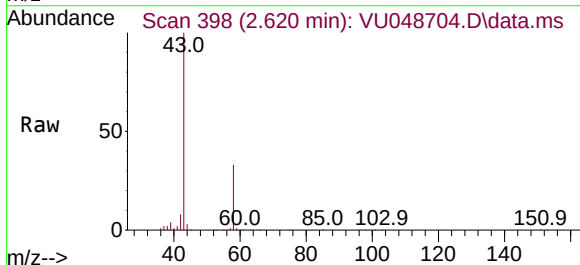
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

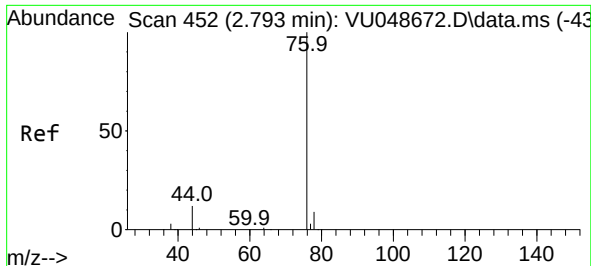
Tgt Ion:	53	Resp:	539547
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.3	99.5
51	35.3	28.6	42.8



#16
Acetone
Concen: 280.441 ug/l
RT: 2.620 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion:	43	Resp:	474386
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.3	39.5

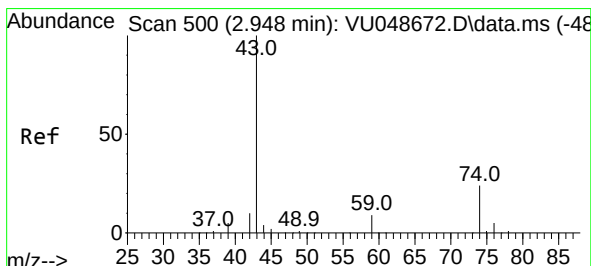
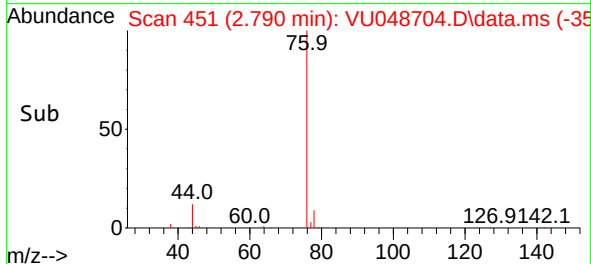
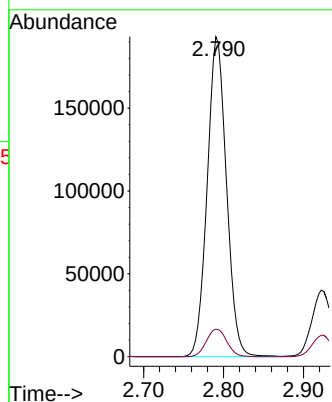
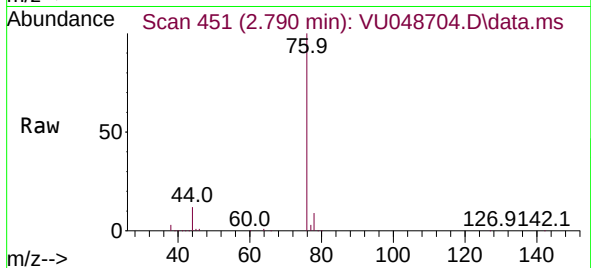




#17
Carbon Disulfide
Concen: 49.181 ug/l
RT: 2.790 min Scan# 419
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

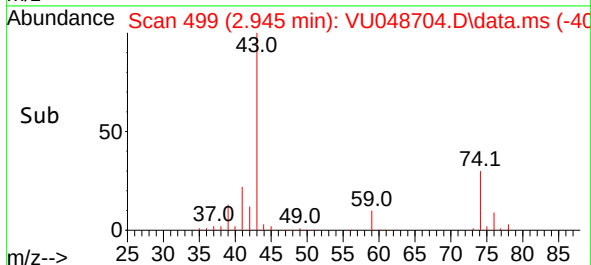
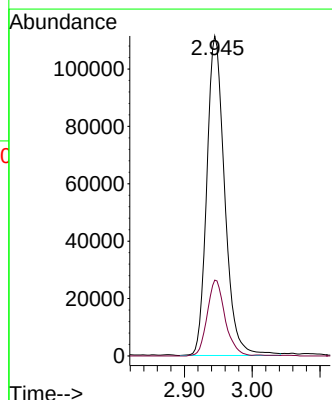
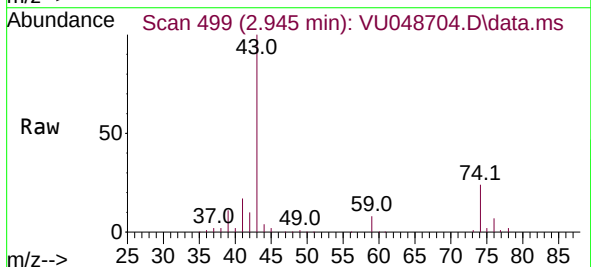
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

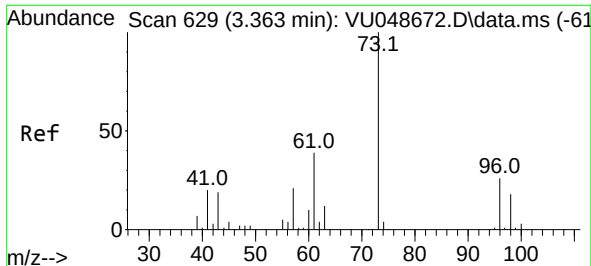
Tgt Ion: 76 Resp: 322964
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 47.961 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 43 Resp: 203696
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 54.503 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

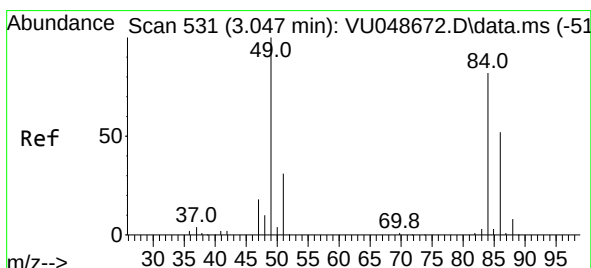
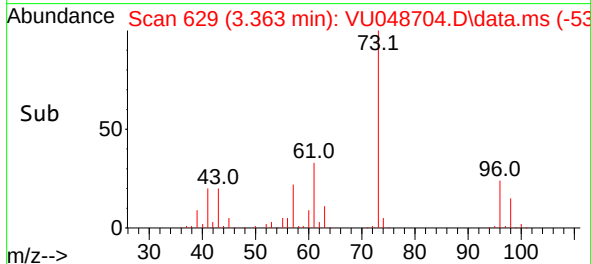
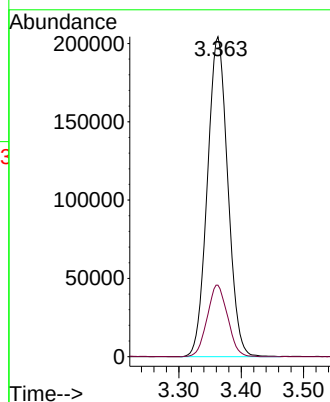
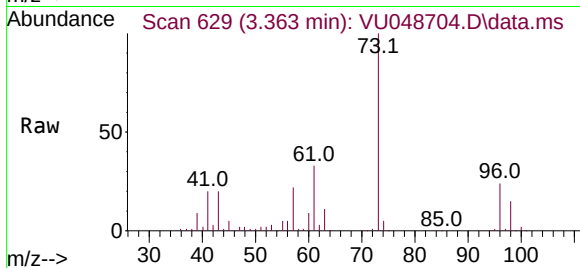
MW-1MSD

Tgt Ion: 73 Resp: 465206

Ion Ratio Lower Upper

73 100

57 22.4 17.1 25.7



#20

Methylene Chloride

Concen: 52.046 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Tgt Ion: 84 Resp: 149711

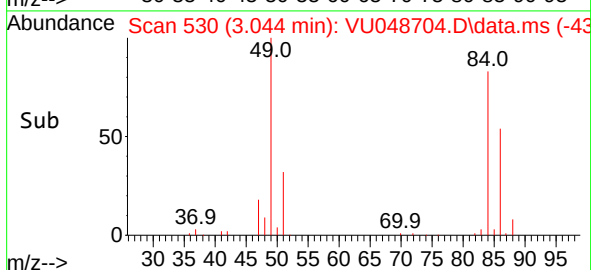
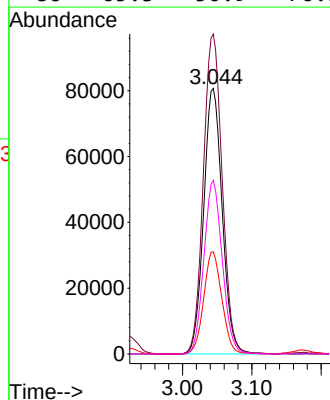
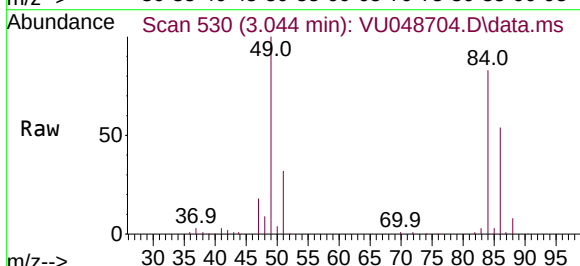
Ion Ratio Lower Upper

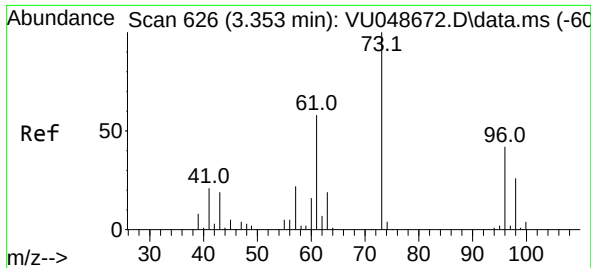
84 100

49 120.5 97.0 145.4

51 38.4 29.8 44.8

86 65.3 50.9 76.3

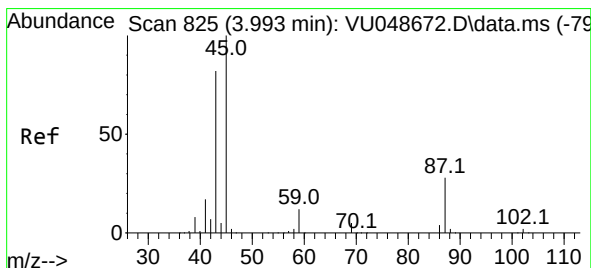
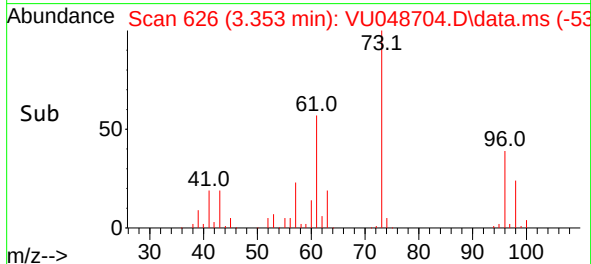
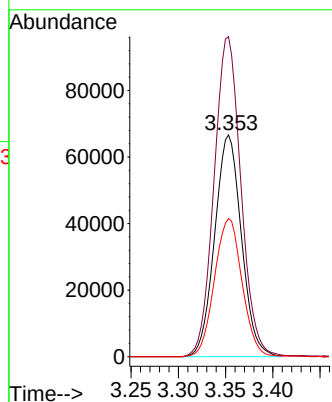
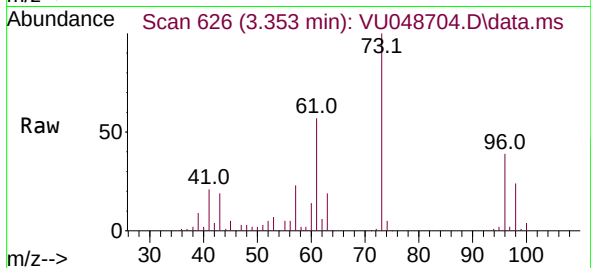




#21
trans-1,2-Dichloroethene
Concen: 51.006 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

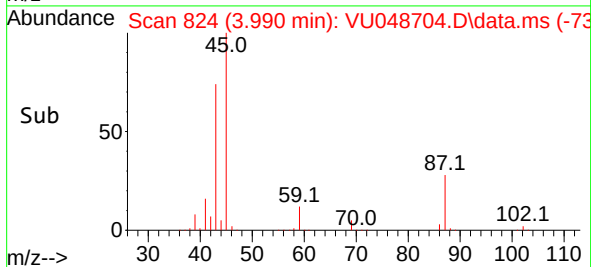
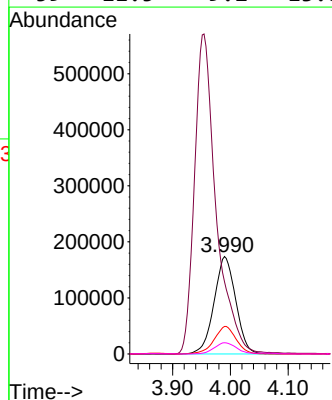
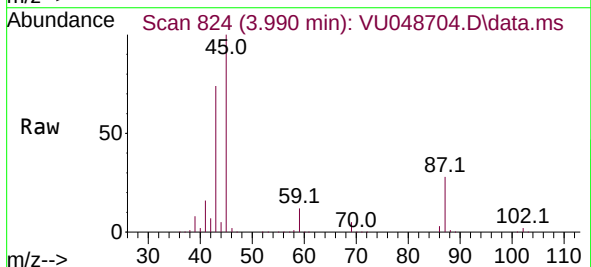
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

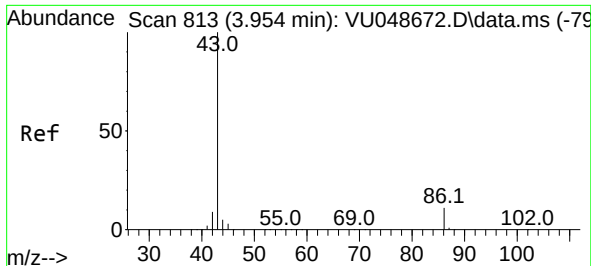
Tgt Ion: 96 Resp: 131245
Ion Ratio Lower Upper
96 100
61 144.3 109.4 164.2
98 62.3 48.9 73.3



#22
Diisopropyl ether
Concen: 56.385 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 45 Resp: 453155
Ion Ratio Lower Upper
45 100
43 72.9 65.2 97.8
87 28.2 22.7 34.1
59 11.5 9.2 13.8

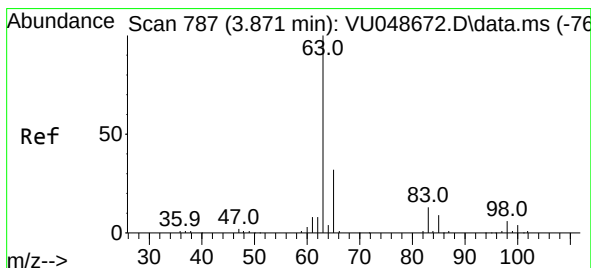
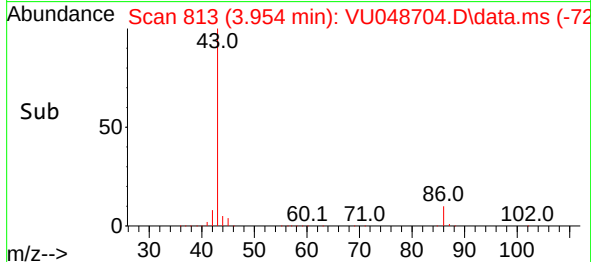
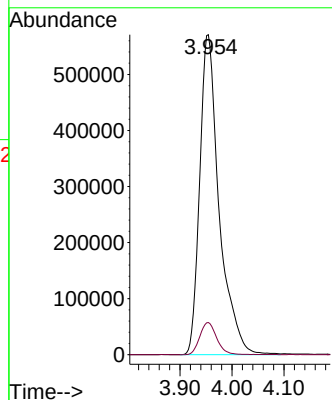
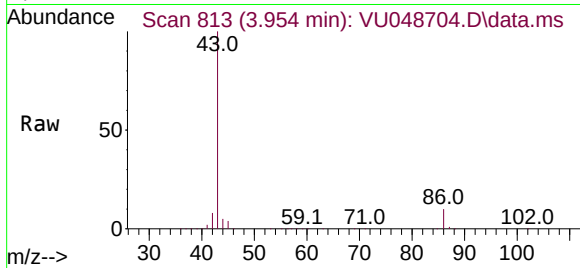




#23
 Vinyl Acetate
 Concen: 213.223 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VU048704.D
 Acq: 27 May 2022 19:23

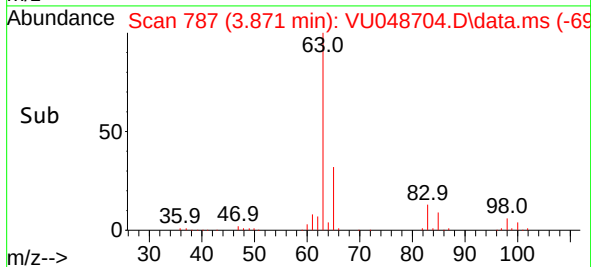
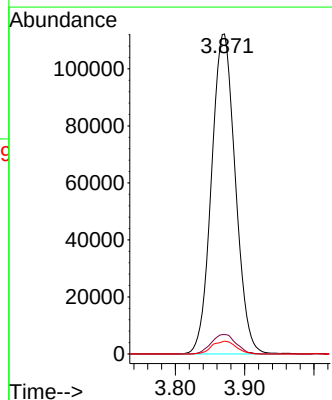
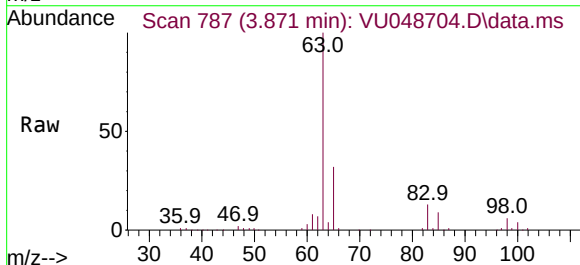
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MSD

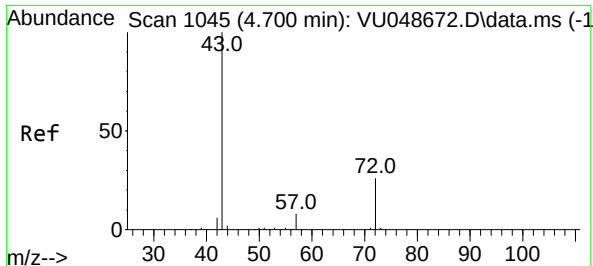
Tgt Ion: 43 Resp: 1484721
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 53.194 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VU048704.D
 Acq: 27 May 2022 19:23

Tgt Ion: 63 Resp: 268500
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.3
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 303.724 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

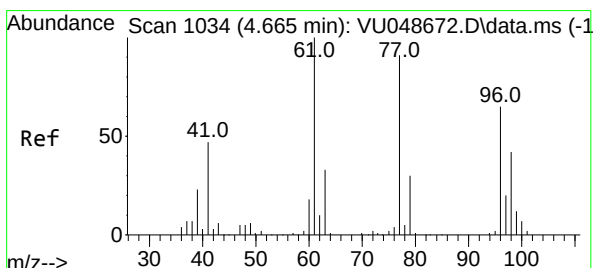
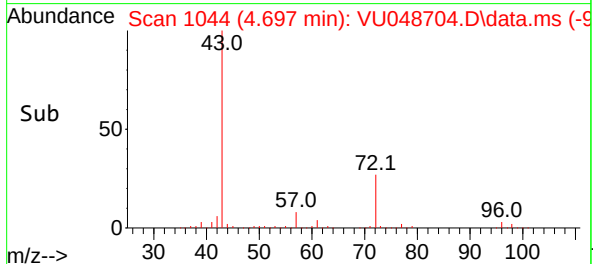
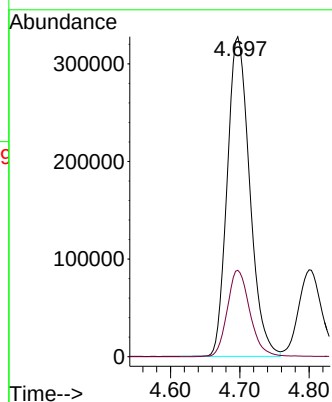
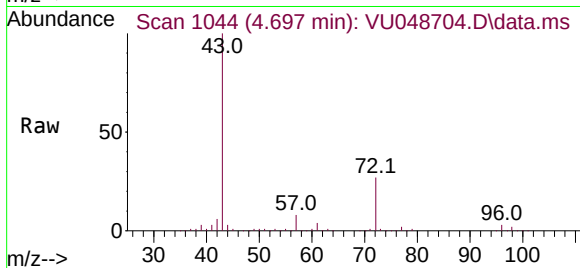
MW-1MSD

Tgt Ion: 43 Resp: 738078

Ion Ratio Lower Upper

43 100

72 27.0 21.1 31.7



#26

2,2-Dichloropropane

Concen: 23.547 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU048704.D

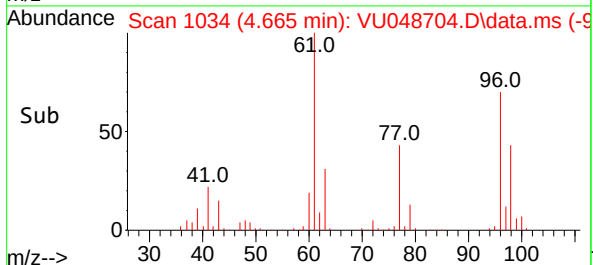
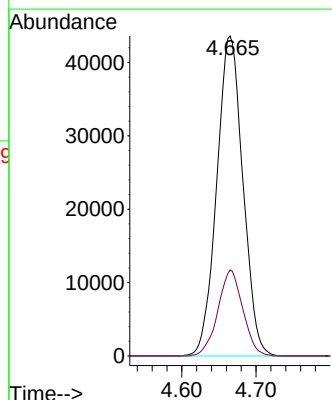
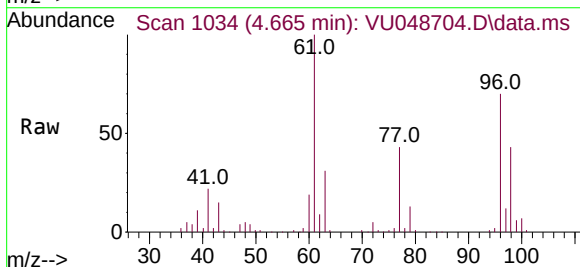
Acq: 27 May 2022 19:23

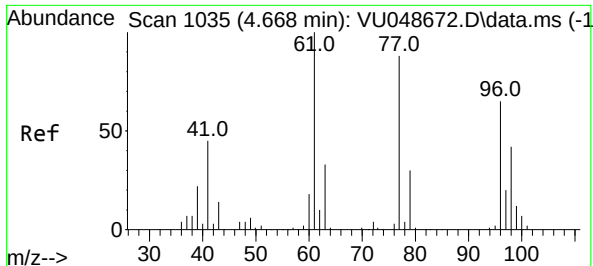
Tgt Ion: 77 Resp: 106631

Ion Ratio Lower Upper

77 100

97 25.6 11.1 33.1



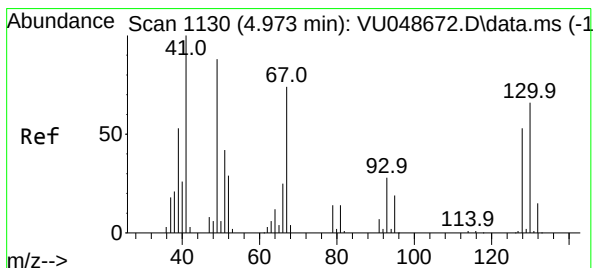
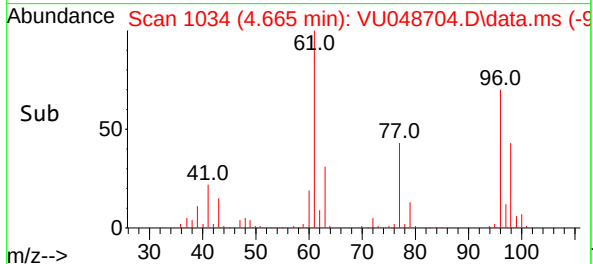
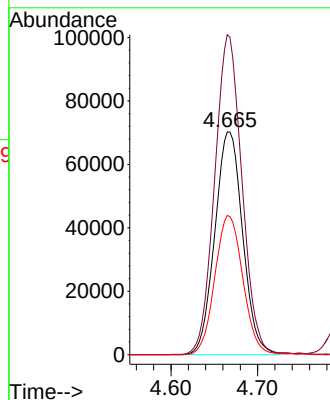
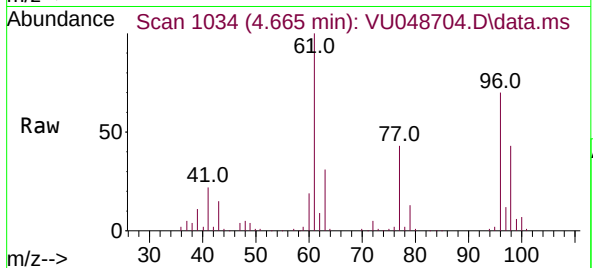


#27
 cis-1,2-Dichloroethene
 Concen: 52.668 ug/l
 RT: 4.665 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU048704.D
 Acq: 27 May 2022 19:23

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MSD

Tgt Ion: 96 Resp: 156867

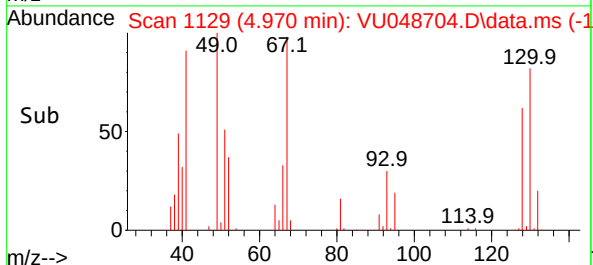
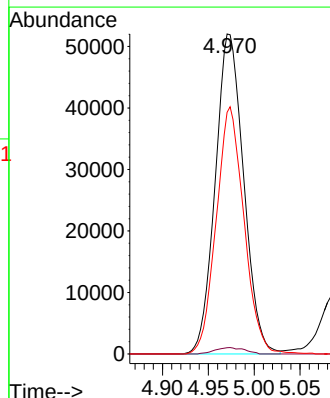
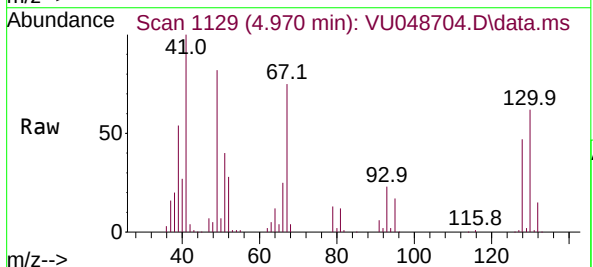
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	306.2
98	62.8	0.0	130.4

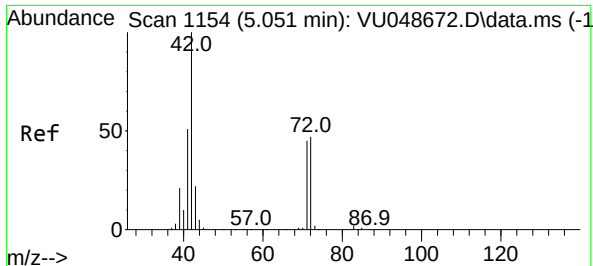


#28
 Bromochloromethane
 Concen: 56.584 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU048704.D
 Acq: 27 May 2022 19:23

Tgt Ion: 49 Resp: 112027

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	75.6	62.1	93.1





#29

Tetrahydrofuran

Concen: 307.760 ug/l

RT: 5.048 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

MW-1MSD

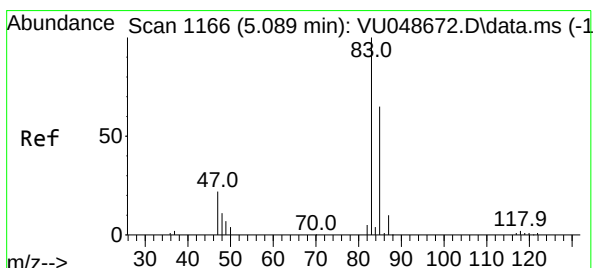
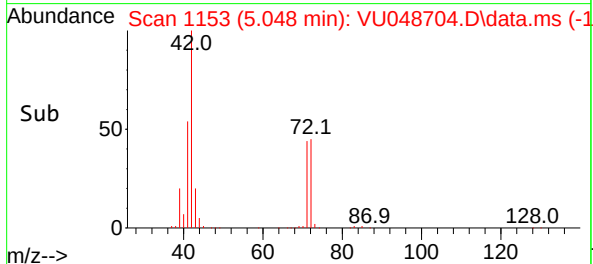
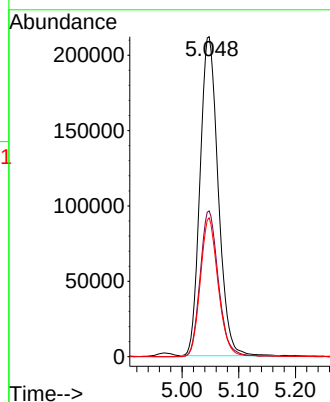
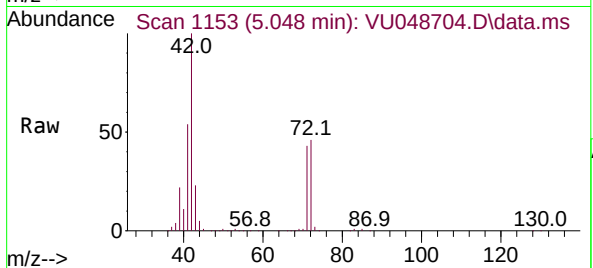
Tgt Ion: 42 Resp: 471088

Ion Ratio Lower Upper

42 100

72 46.0 37.6 56.4

71 42.4 35.0 52.4



#30

Chloroform

Concen: 57.817 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048704.D

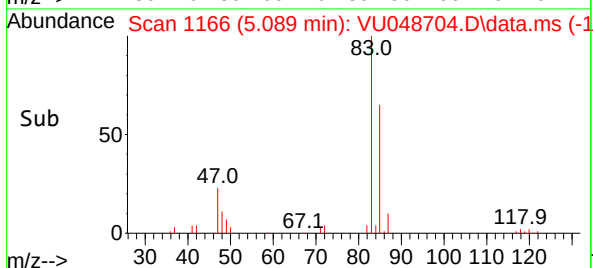
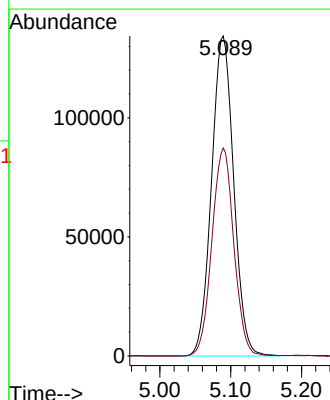
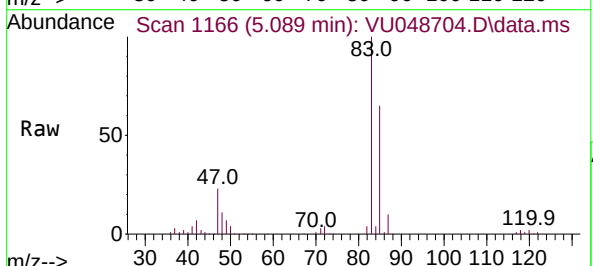
Acq: 27 May 2022 19:23

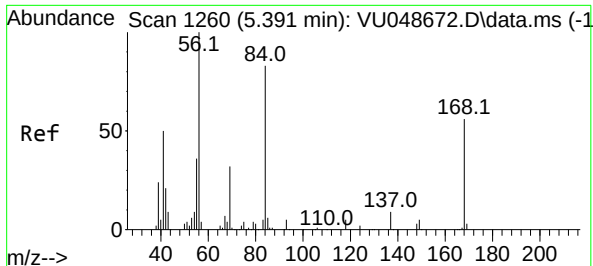
Tgt Ion: 83 Resp: 292003

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.2





#31

Cyclohexane

Concen: 49.661 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

MW-1MSD

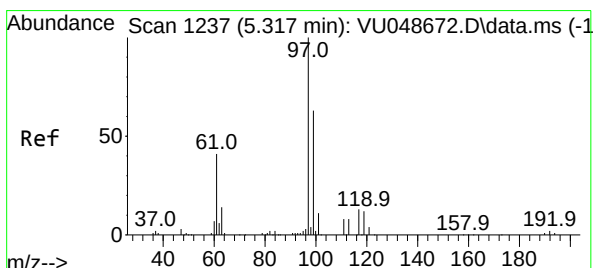
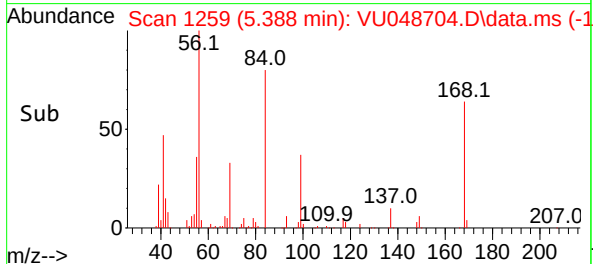
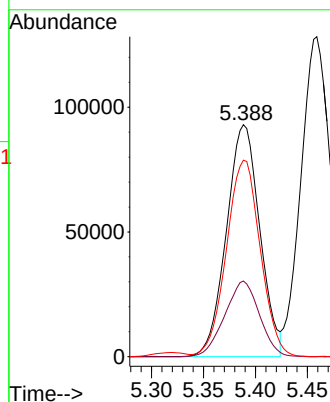
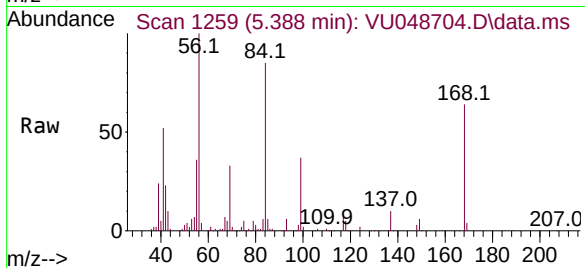
Tgt Ion: 56 Resp: 207733

Ion Ratio Lower Upper

56 100

69 32.6 25.6 38.4

84 83.1 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 49.830 ug/l

RT: 5.318 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

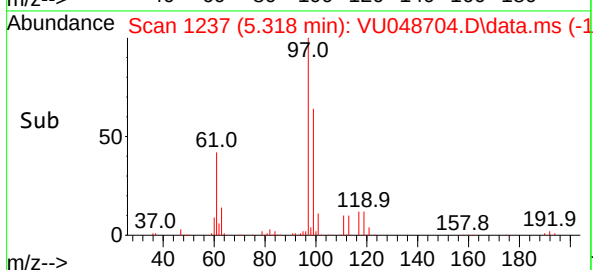
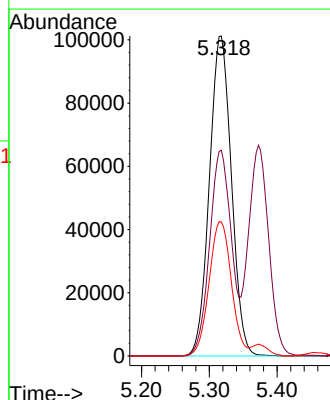
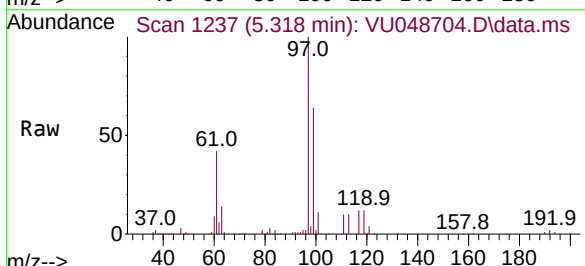
Tgt Ion: 97 Resp: 228324

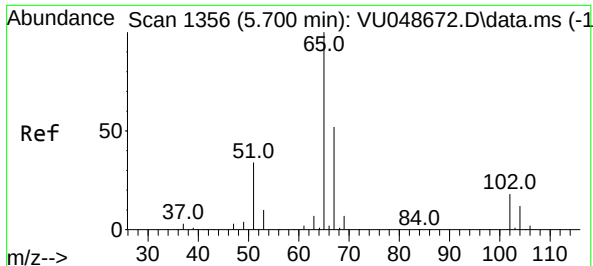
Ion Ratio Lower Upper

97 100

99 62.8 51.6 77.4

61 42.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 54.376 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

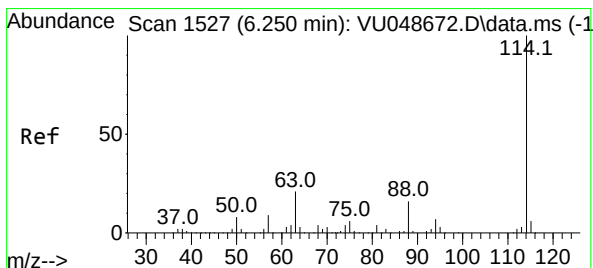
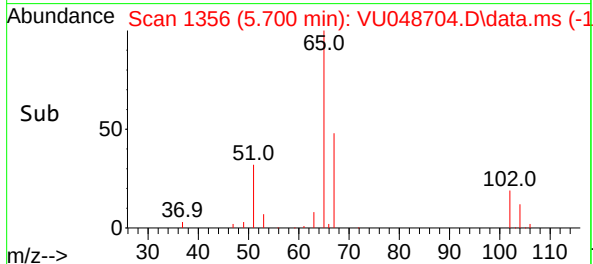
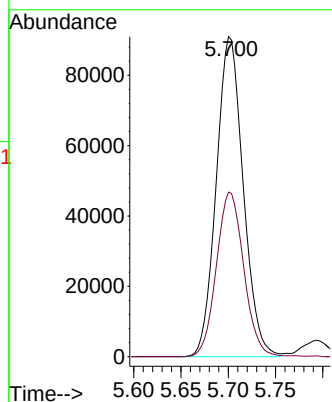
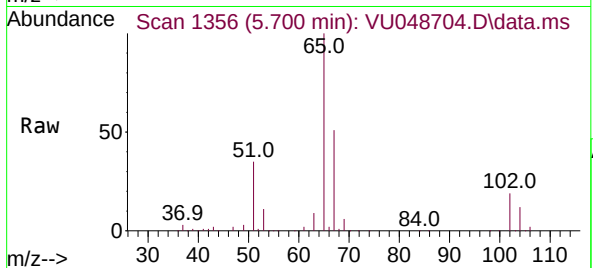
MW-1MSD

Tgt Ion: 65 Resp: 180487

Ion Ratio Lower Upper

65 100

67 52.0 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: VU048704.D

Acq: 27 May 2022 19:23

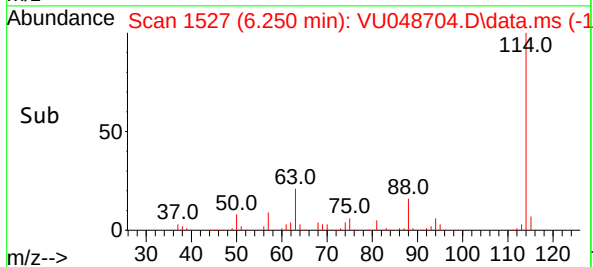
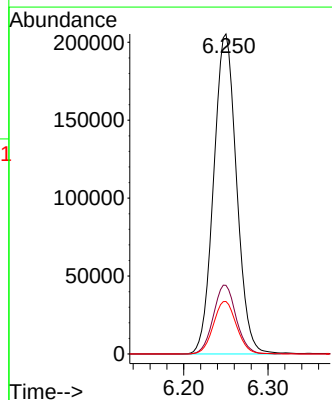
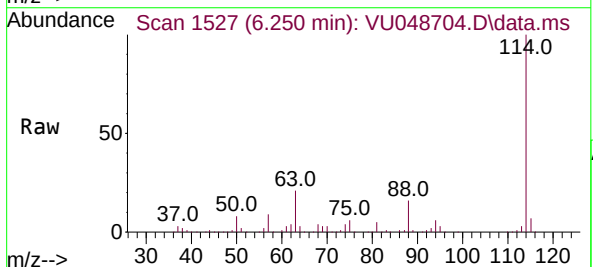
Tgt Ion: 114 Resp: 387019

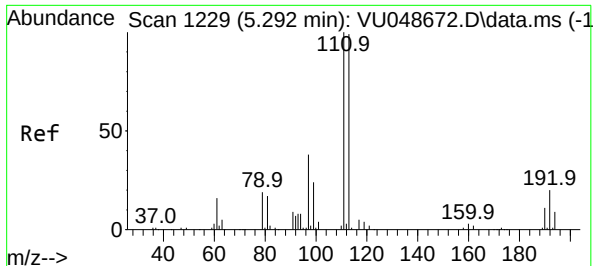
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.4 0.0 32.2

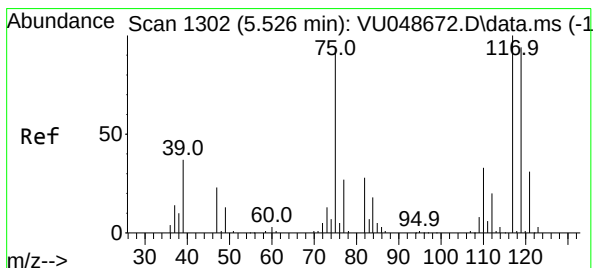
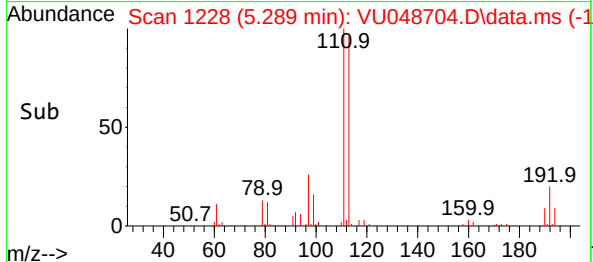
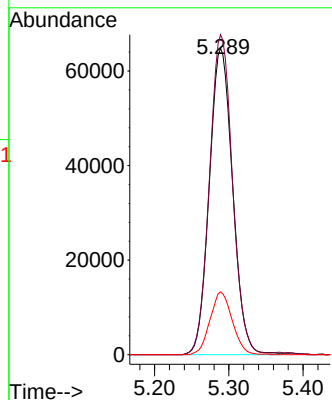
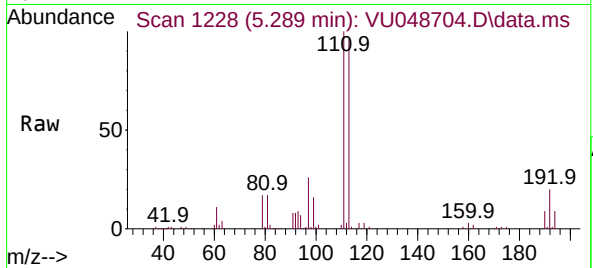




#35
 Dibromofluoromethane
 Concen: 51.201 ug/l
 RT: 5.289 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU048704.D
 Acq: 27 May 2022 19:23

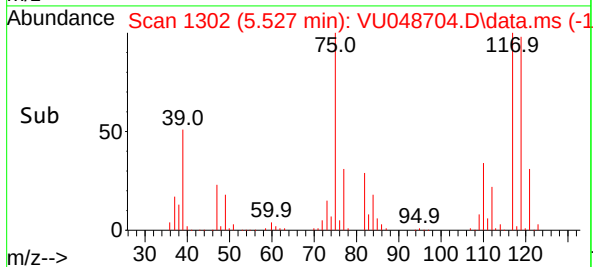
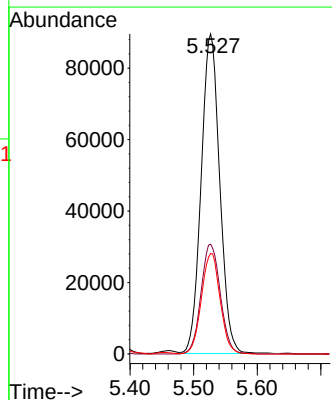
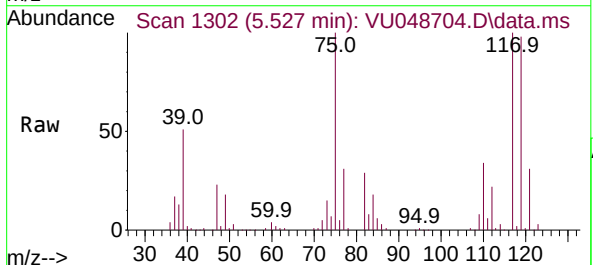
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MSD

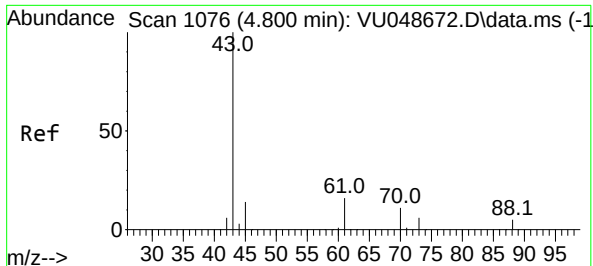
Tgt Ion:113 Resp: 141369
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.7 121.1
 192 19.5 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 44.981 ug/l
 RT: 5.527 min Scan# 1302
 Delta R.T. 0.000 min
 Lab File: VU048704.D
 Acq: 27 May 2022 19:23

Tgt Ion: 75 Resp: 181261
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.4 52.3
 77 31.8 24.8 37.2





#37

Ethyl Acetate

Concen: 40.879 ug/l

RT: 4.800 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

MW-1MSD

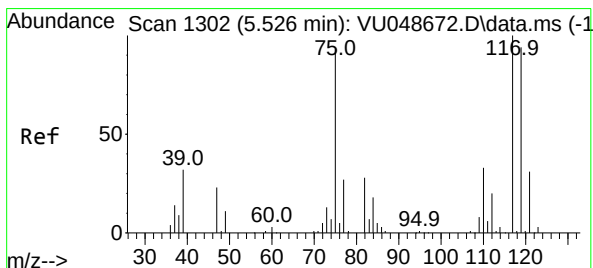
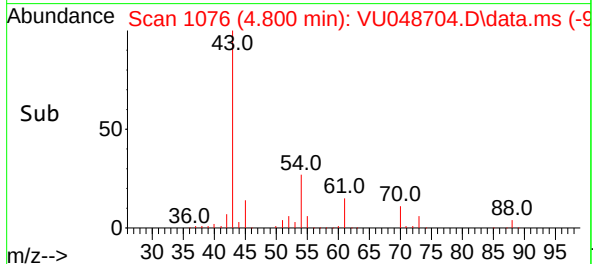
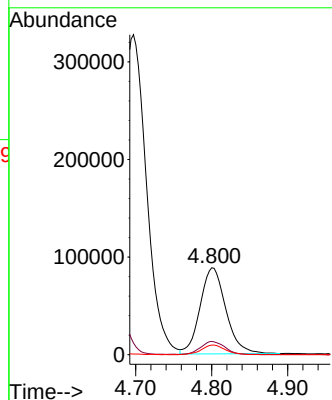
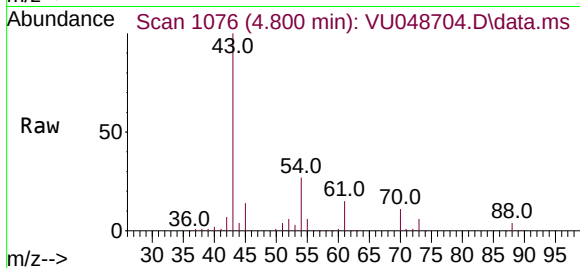
Tgt Ion: 43 Resp: 208254

Ion Ratio Lower Upper

43 100

61 14.3 11.7 17.5

70 10.4 8.4 12.6



#38

Carbon Tetrachloride

Concen: 42.668 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

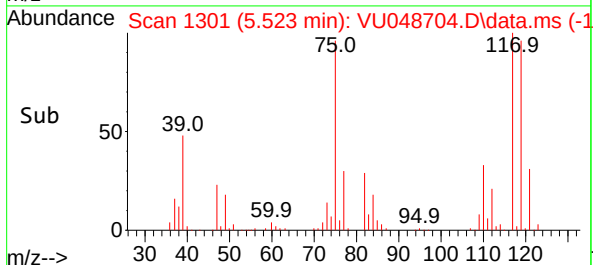
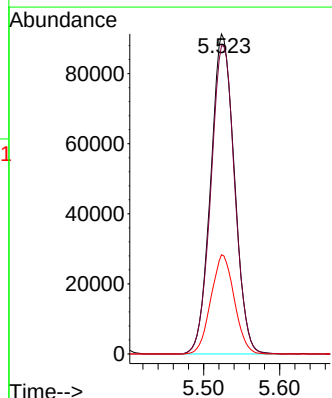
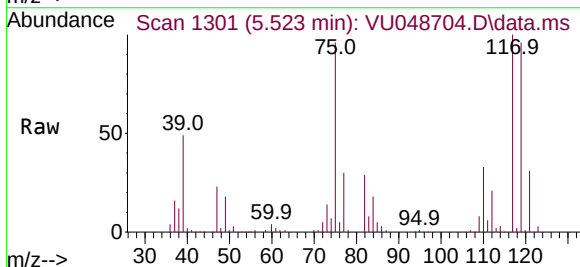
Tgt Ion: 117 Resp: 197261

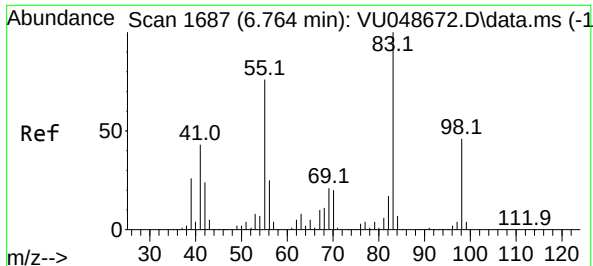
Ion Ratio Lower Upper

117 100

119 96.3 75.4 113.2

121 31.0 24.6 36.8





#39

Methylcyclohexane

Concen: 46.175 ug/l

RT: 6.765 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

MW-1MSD

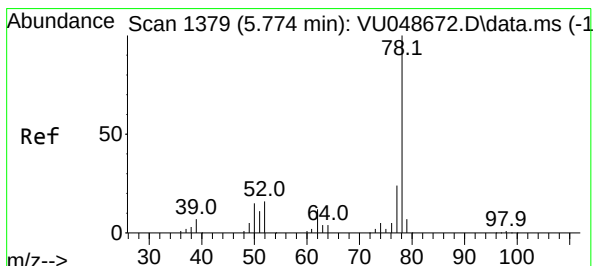
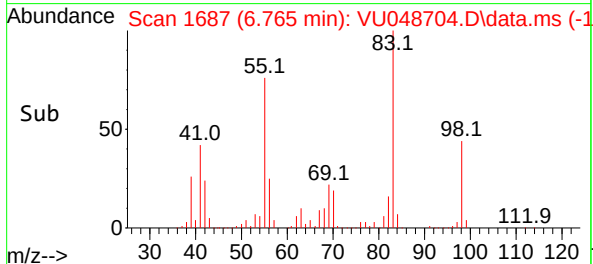
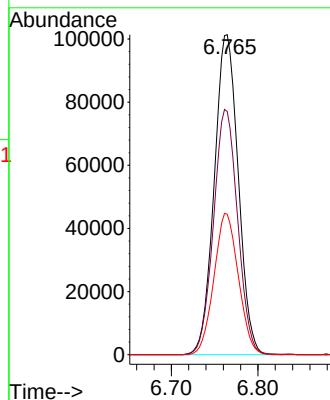
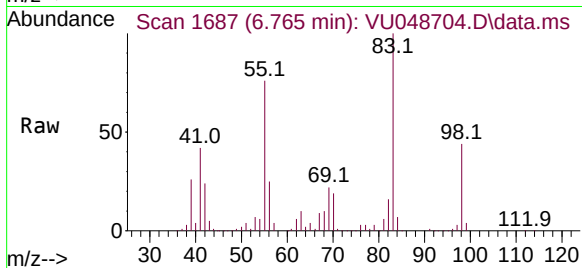
Tgt Ion: 83 Resp: 195104

Ion Ratio Lower Upper

83 100

55 76.0 61.0 91.6

98 43.9 36.8 55.2



#40

Benzene

Concen: 46.015 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048704.D

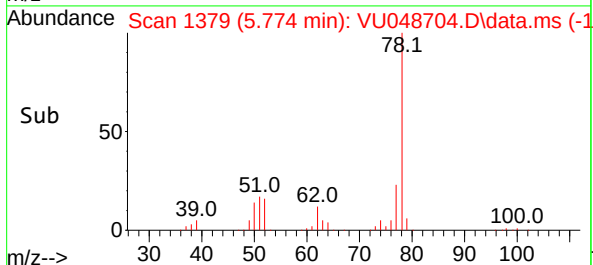
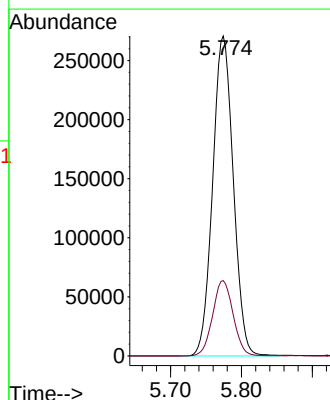
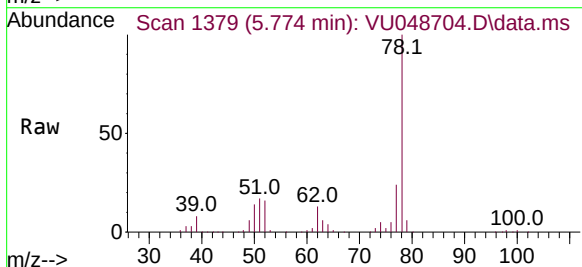
Acq: 27 May 2022 19:23

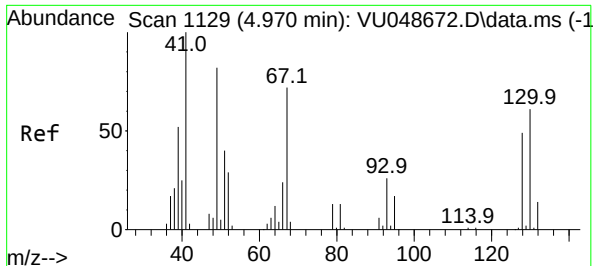
Tgt Ion: 78 Resp: 547440

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6



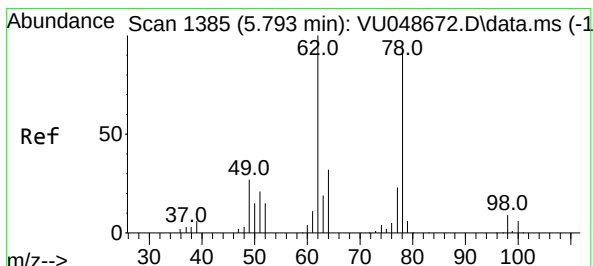
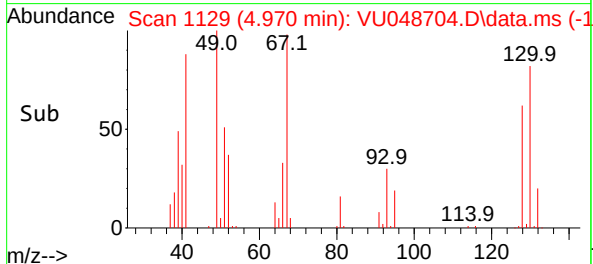
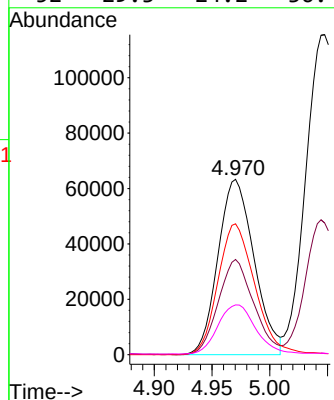
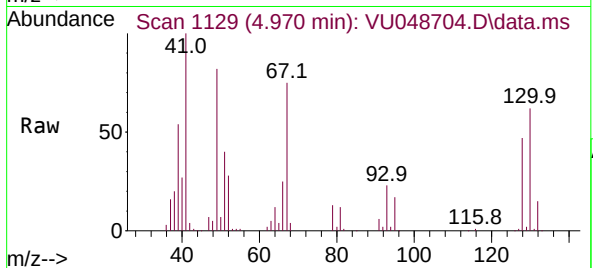


#41
Methacrylonitrile
Concen: 53.533 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

Tgt Ion: 41 Resp: 137812

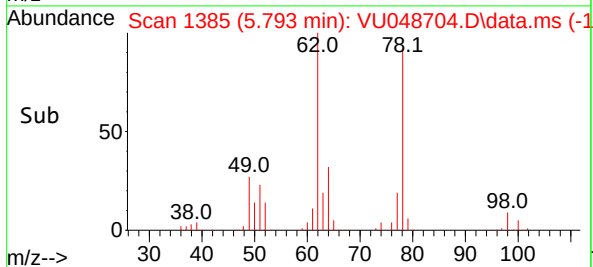
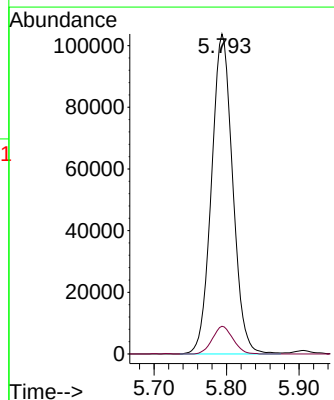
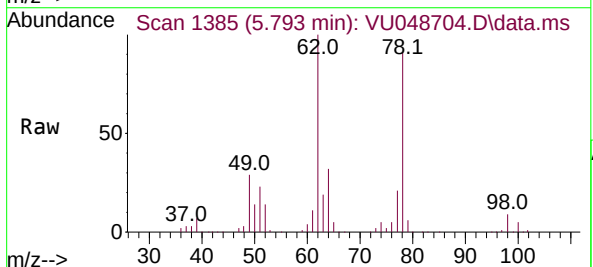
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.6	64.0
67	76.6	61.0	91.4
52	29.3	24.2	36.4

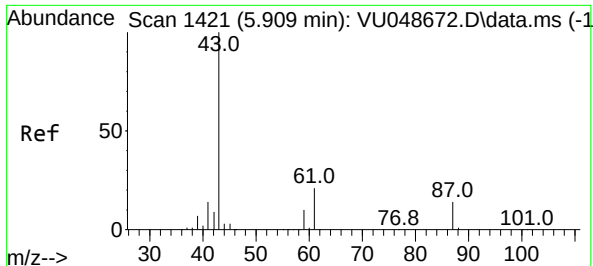


#42
1,2-Dichloroethane
Concen: 45.232 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 62 Resp: 210649

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0

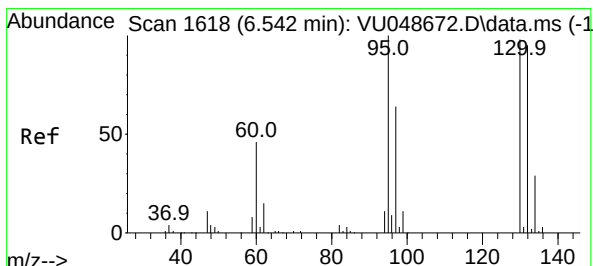
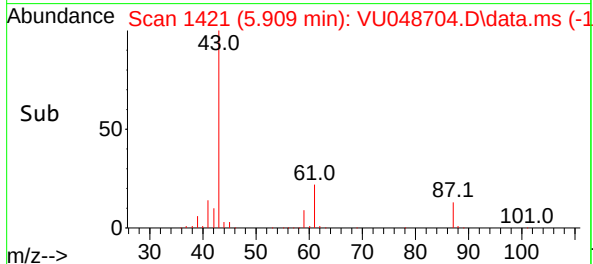
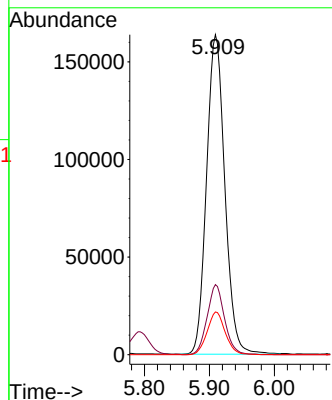
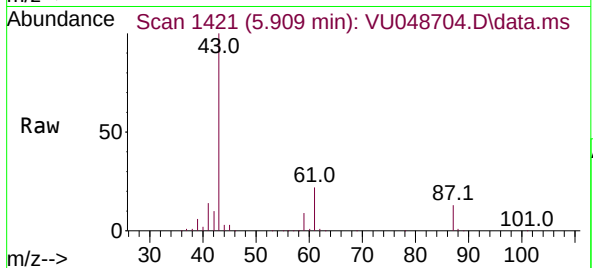




#43
Isopropyl Acetate
Concen: 43.400 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

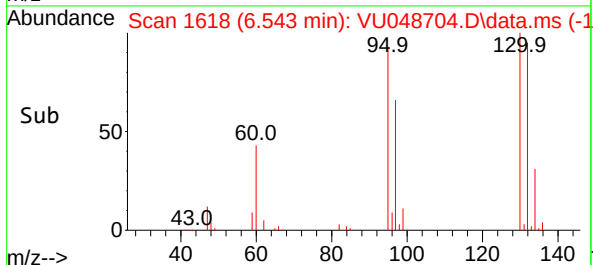
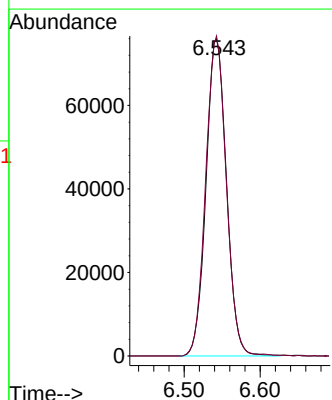
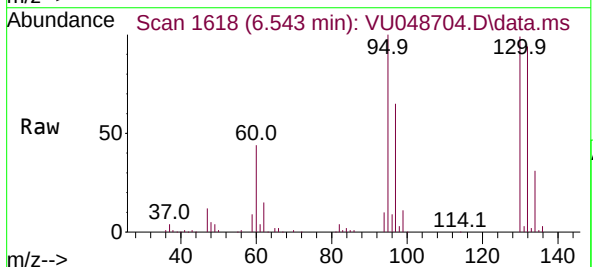
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

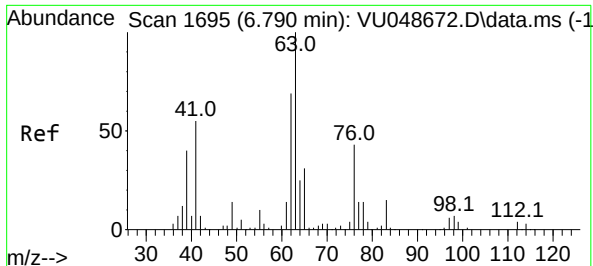
Tgt Ion: 43 Resp: 320898
Ion Ratio Lower Upper
43 100
61 20.9 16.7 25.1
87 13.2 10.9 16.3



#44
Trichloroethene
Concen: 46.366 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion:130 Resp: 142113
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.8





#45

1,2-Dichloropropane

Concen: 52.737 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

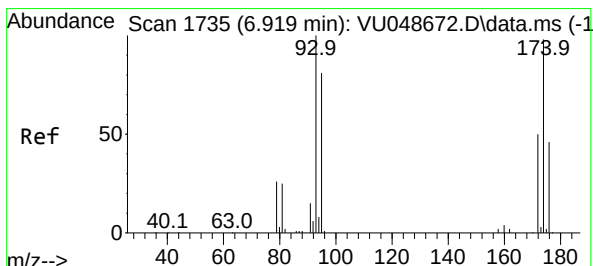
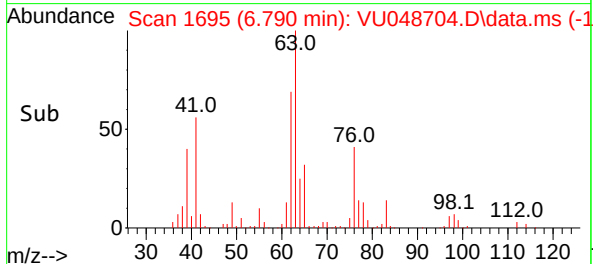
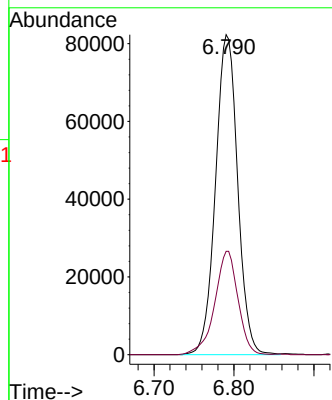
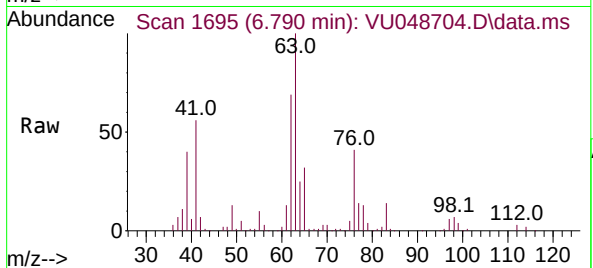
MW-1MSD

Tgt Ion: 63 Resp: 157953

Ion Ratio Lower Upper

63 100

65 32.2 24.8 37.2



#46

Dibromomethane

Concen: 49.234 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

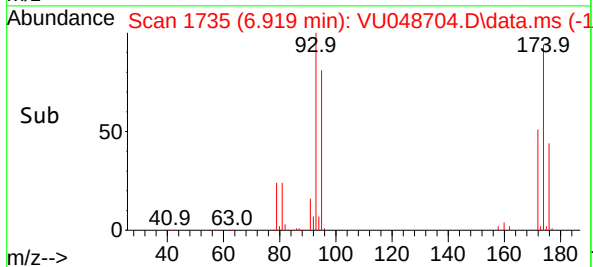
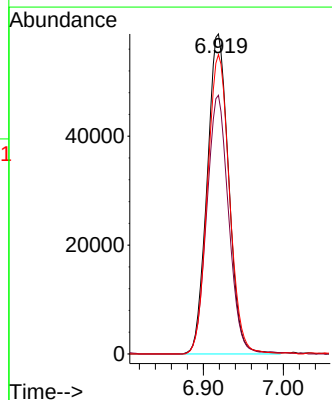
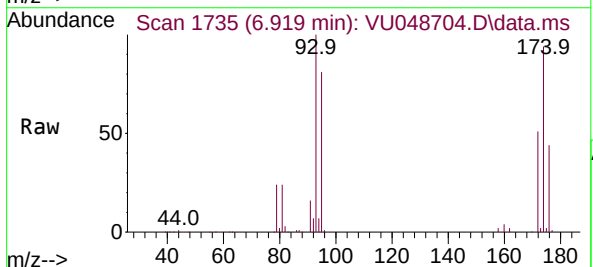
Tgt Ion: 93 Resp: 110170

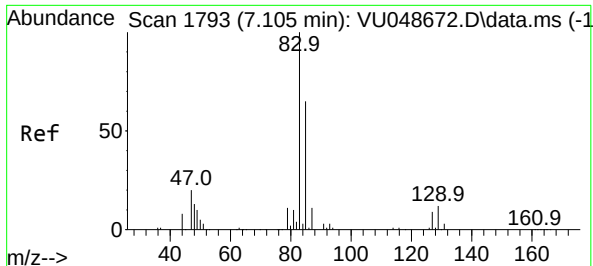
Ion Ratio Lower Upper

93 100

95 81.5 65.1 97.7

174 95.3 77.8 116.6





#47

Bromodichloromethane

Concen: 47.947 ug/l

RT: 7.105 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

MW-1MSD

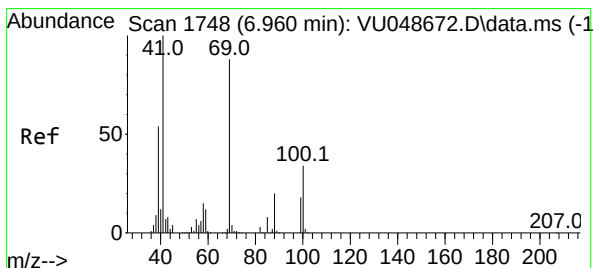
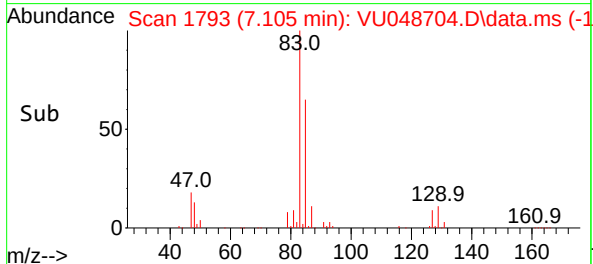
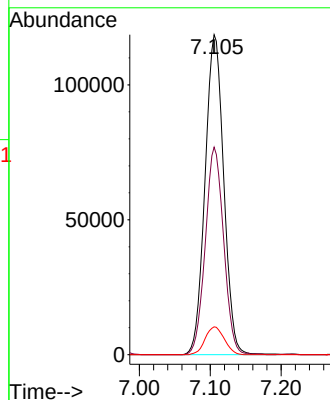
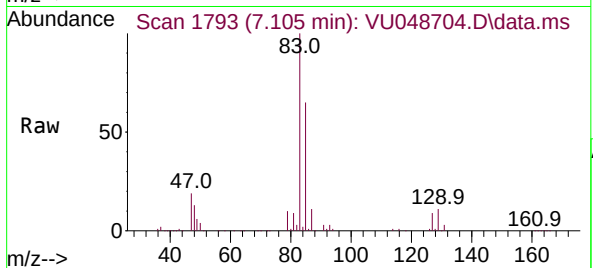
Tgt Ion: 83 Resp: 216968

Ion Ratio Lower Upper

83 100

85 64.9 52.1 78.1

127 8.7 6.9 10.3



#48

Methyl methacrylate

Concen: 54.584 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. -0.003 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

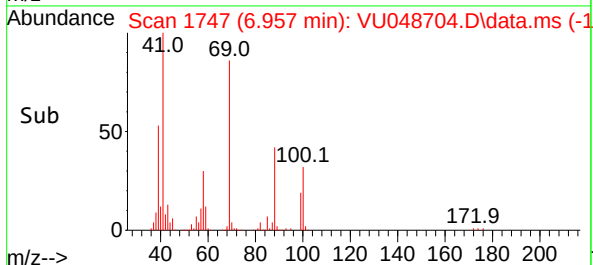
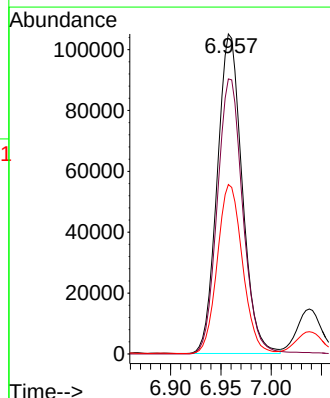
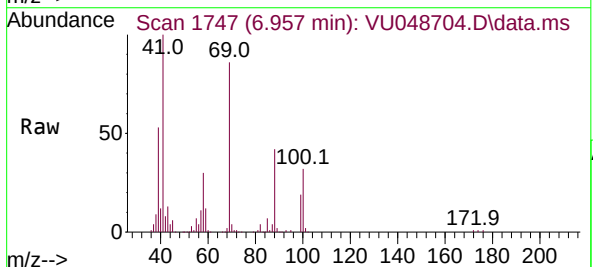
Tgt Ion: 41 Resp: 181181

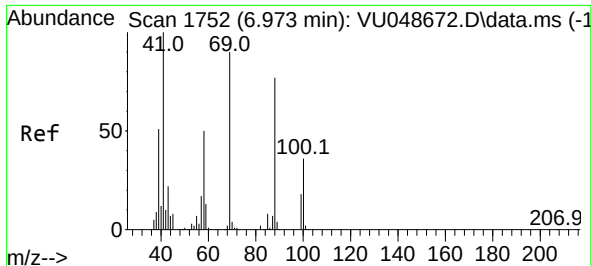
Ion Ratio Lower Upper

41 100

69 88.2 70.7 106.1

39 53.4 43.4 65.2

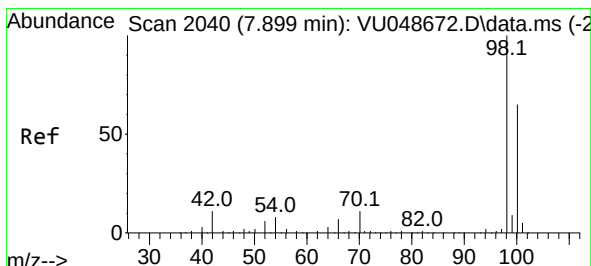
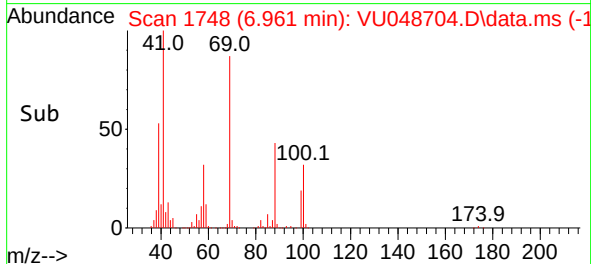
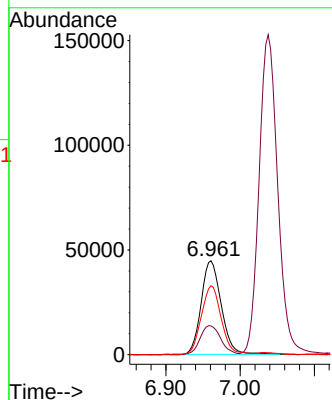
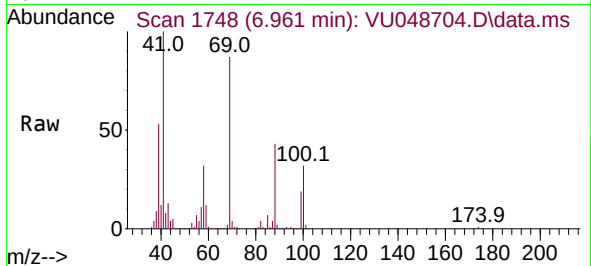




#49
1,4-Dioxane
Concen: 1130.032 ug/l
RT: 6.961 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

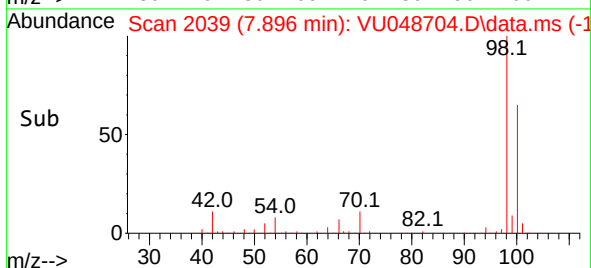
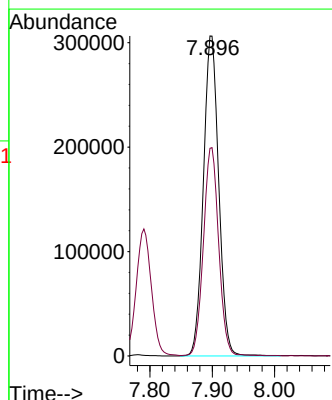
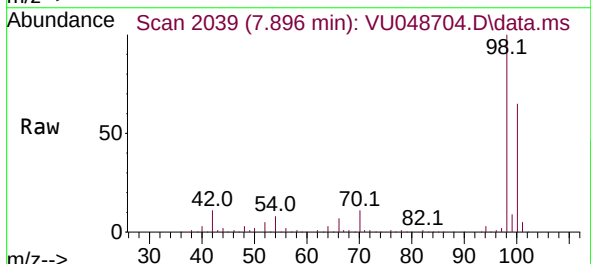
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

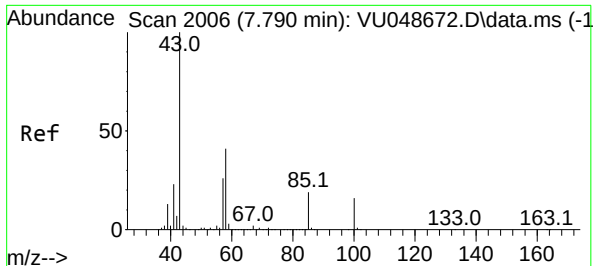
Tgt Ion: 88 Resp: 83850
Ion Ratio Lower Upper
88 100
43 32.1 24.6 36.8
58 73.2 54.7 82.1



#50
Toluene-d8
Concen: 52.955 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 98 Resp: 524124
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 285.342 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

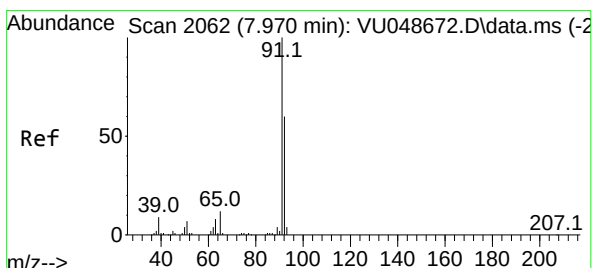
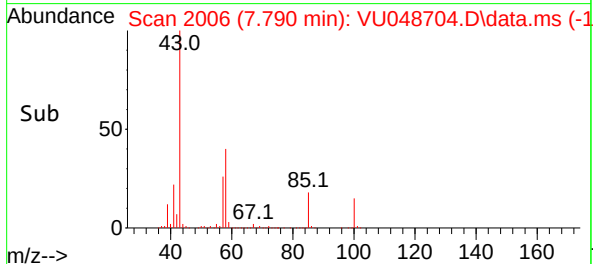
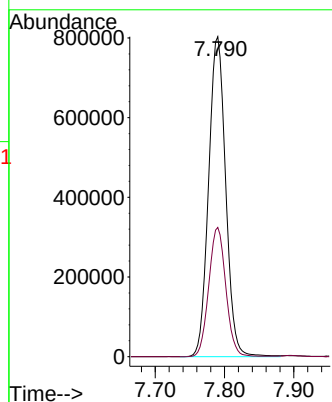
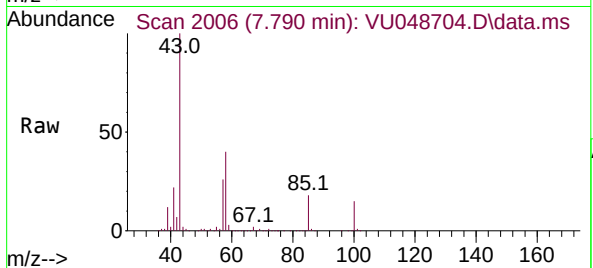
MW-1MSD

Tgt Ion: 43 Resp: 1369952

Ion Ratio Lower Upper

43 100

58 40.4 32.7 49.1



#52

Toluene

Concen: 50.382 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048704.D

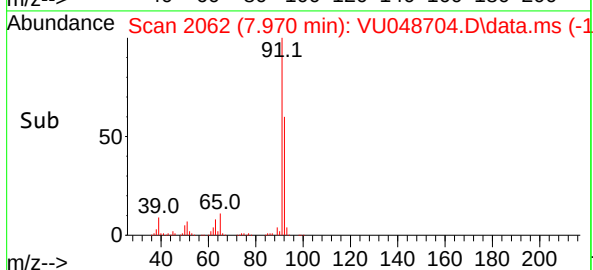
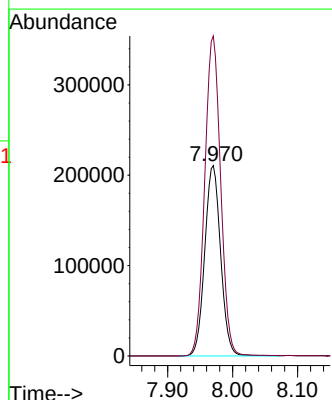
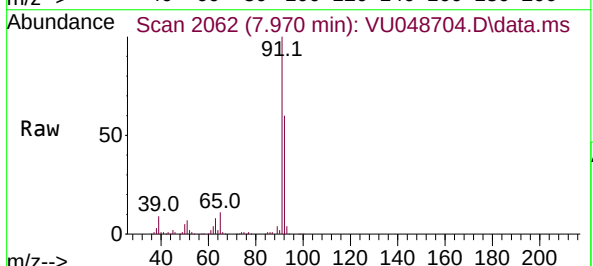
Acq: 27 May 2022 19:23

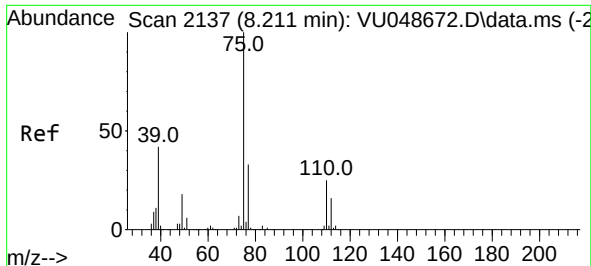
Tgt Ion: 92 Resp: 358525

Ion Ratio Lower Upper

92 100

91 168.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 44.423 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

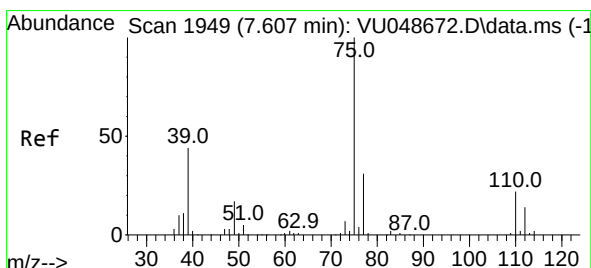
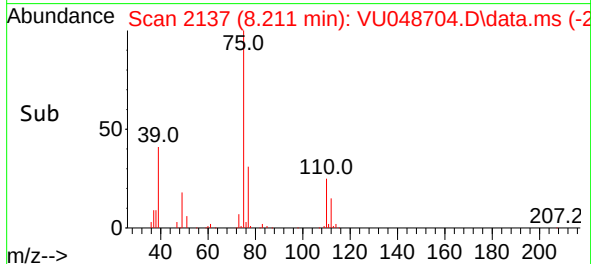
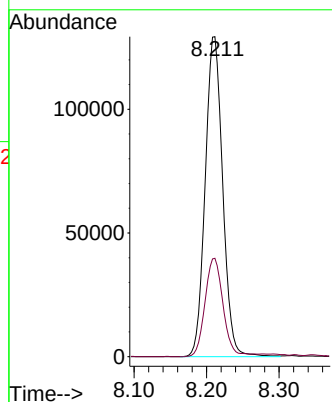
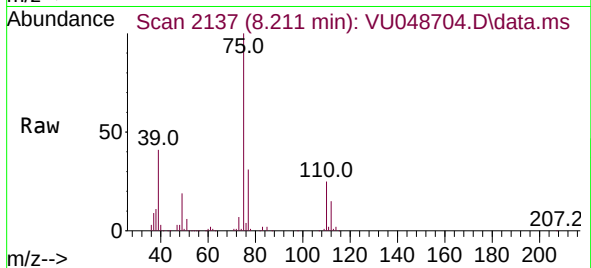
MW-1MSD

Tgt Ion: 75 Resp: 216849

Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 43.245 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

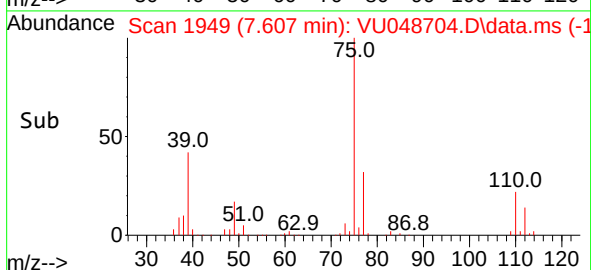
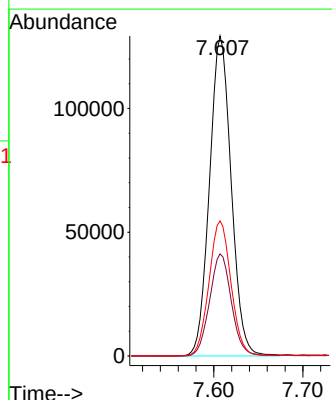
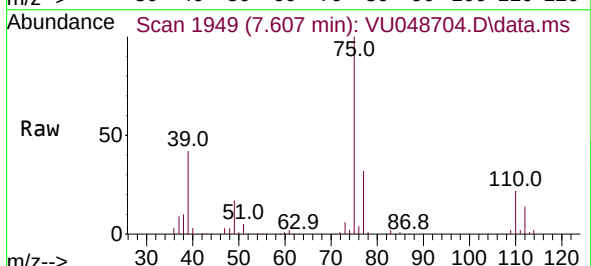
Tgt Ion: 75 Resp: 218745

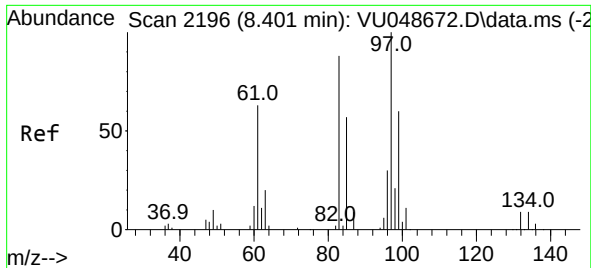
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 42.1 35.2 52.8

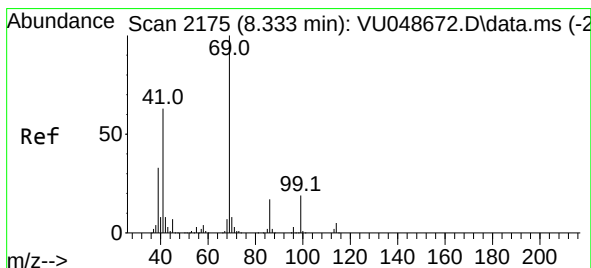
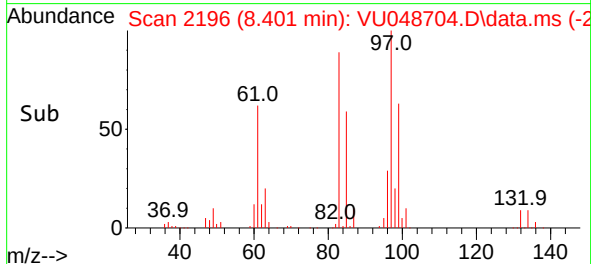
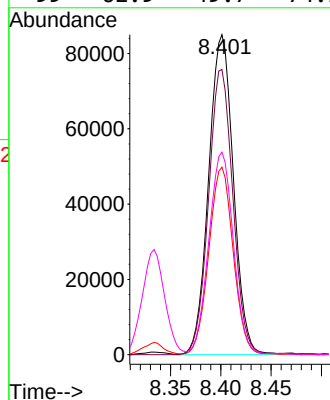
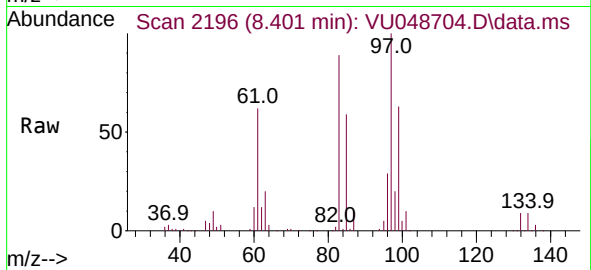




#55
1,1,2-Trichloroethane
Concen: 46.332 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

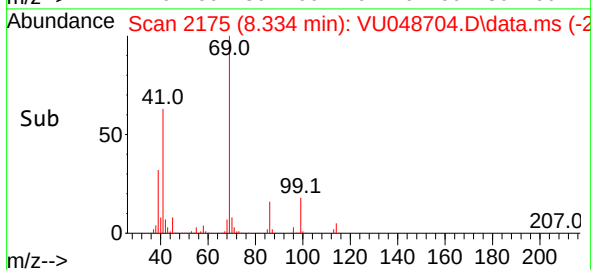
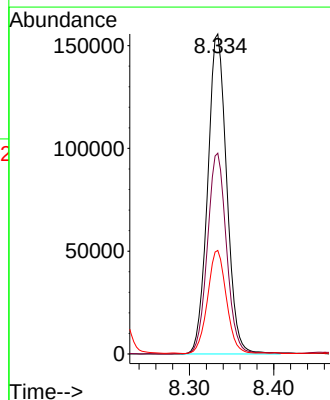
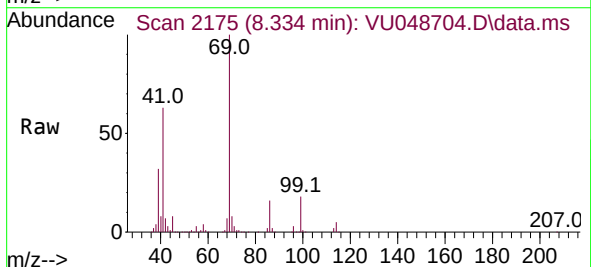
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

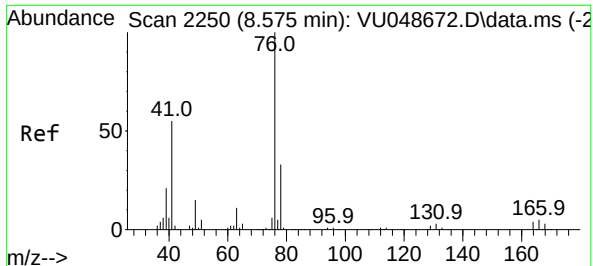
Tgt Ion:	97	Resp:	145512
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.2	105.4
85	58.5	45.6	68.4
99	62.9	49.7	74.5



#56
Ethyl methacrylate
Concen: 49.362 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. 0.001 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion:	69	Resp:	244804
Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.6	76.0
39	31.8	26.6	40.0





#57

1,3-Dichloropropane

Concen: 47.928 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

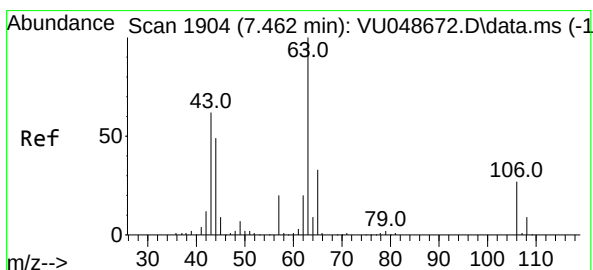
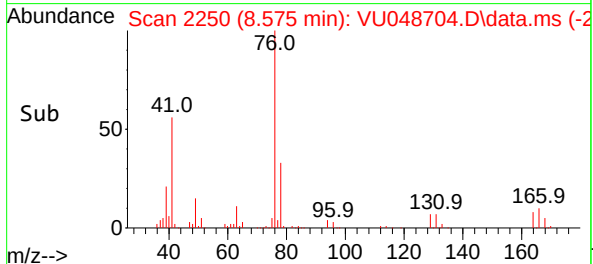
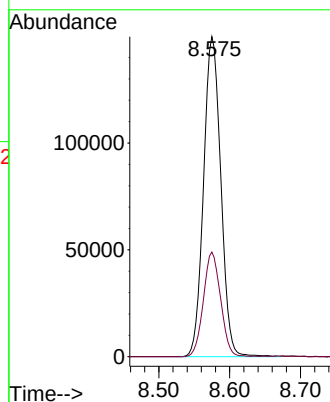
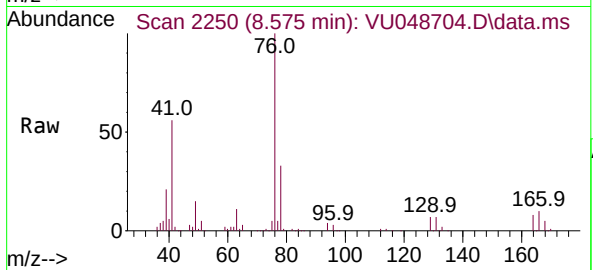
MW-1MSD

Tgt Ion: 76 Resp: 253341

Ion Ratio Lower Upper

76 100

78 32.5 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 29.791 ug/l

RT: 7.469 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VU048704.D

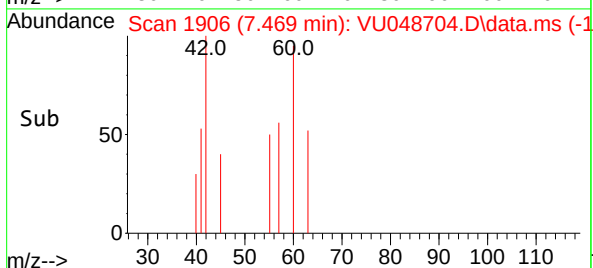
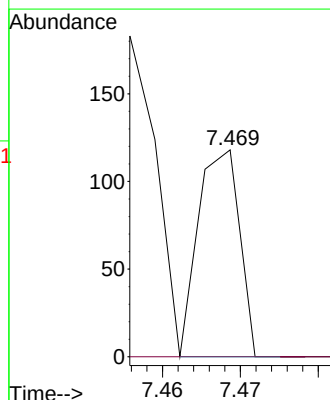
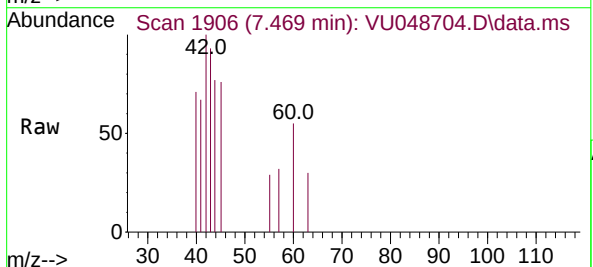
Acq: 27 May 2022 19:23

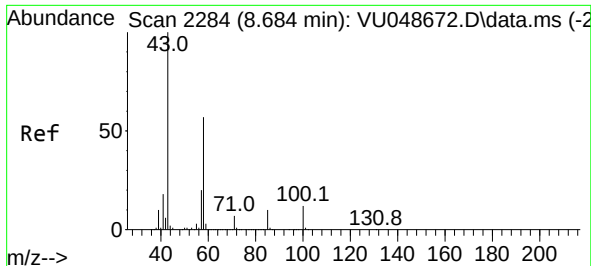
Tgt Ion: 63 Resp: 43

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#

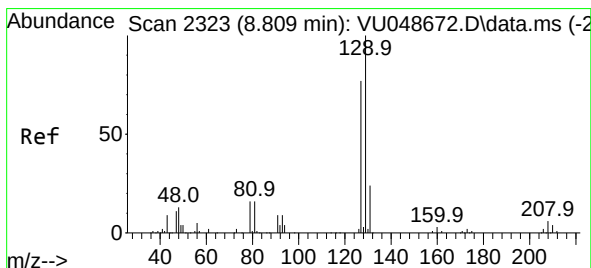
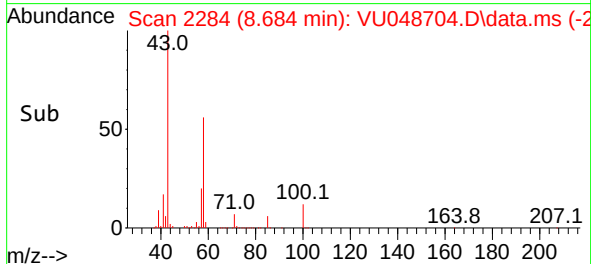
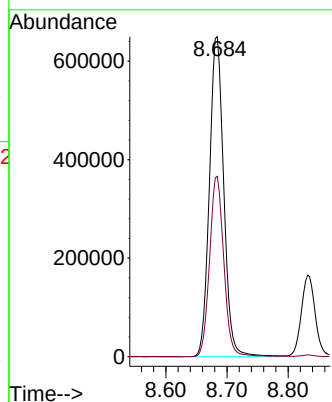
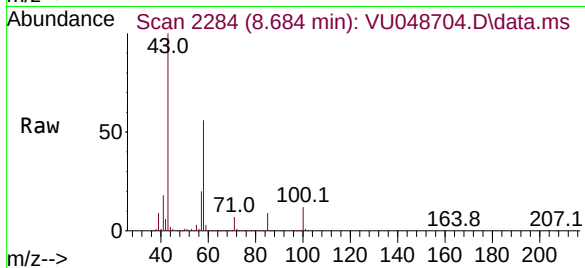




#59
2-Hexanone
Concen: 268.570 ug/l
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

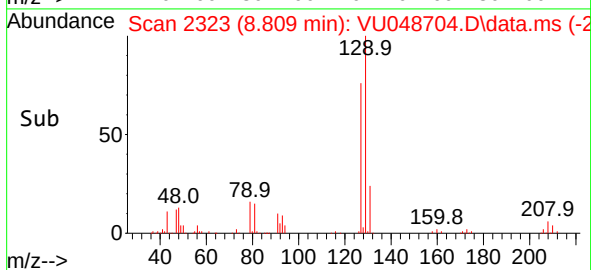
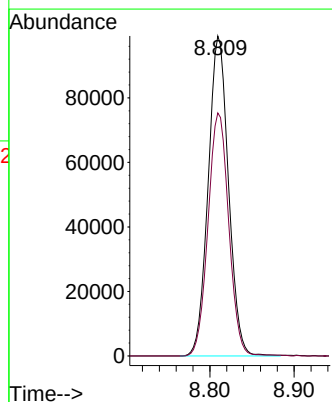
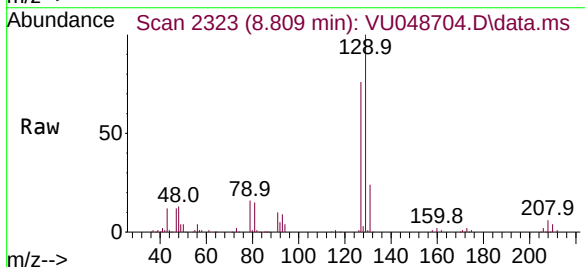
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

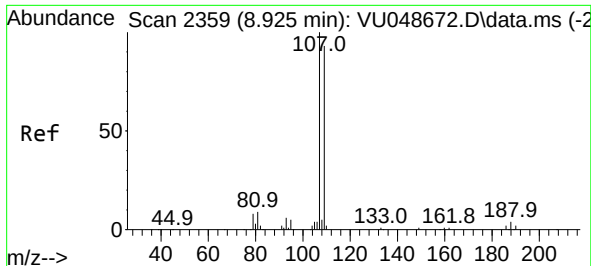
Tgt Ion: 43 Resp: 1058581
Ion Ratio Lower Upper
43 100
58 56.0 28.2 84.6



#60
Dibromochloromethane
Concen: 47.219 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 129 Resp: 166235
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

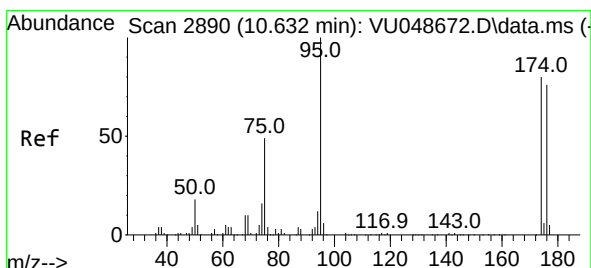
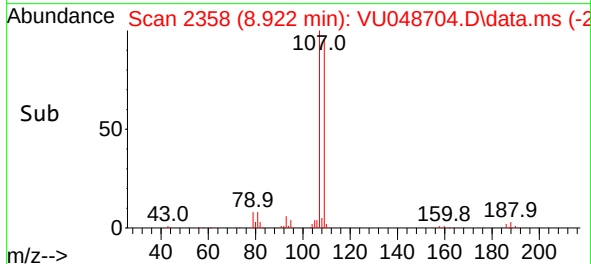
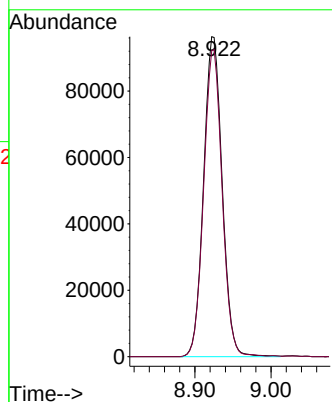
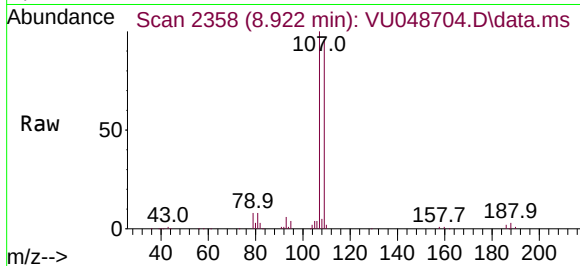




#61
1,2-Dibromoethane
Concen: 47.362 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

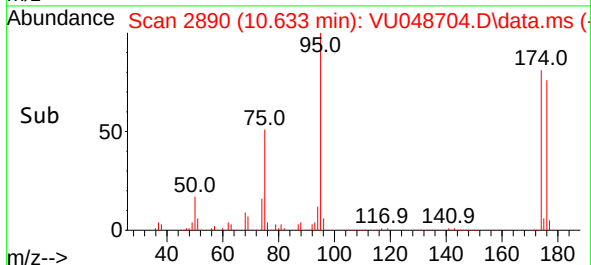
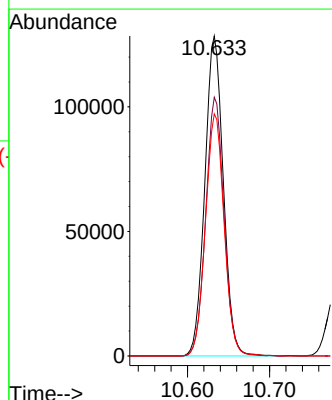
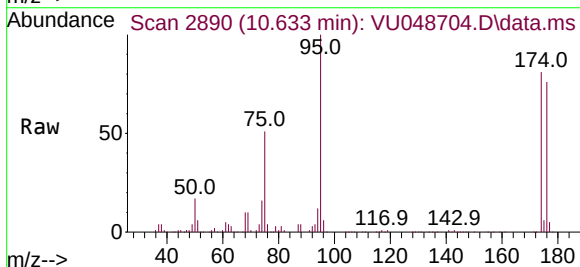
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

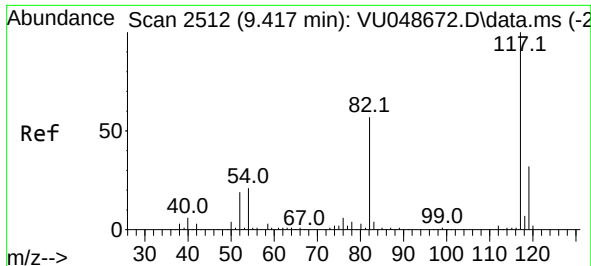
Tgt Ion:107 Resp: 163813
Ion Ratio Lower Upper
107 100
109 95.3 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 53.657 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 95 Resp: 200846
Ion Ratio Lower Upper
95 100
174 80.1 0.0 159.4
176 76.5 0.0 152.4

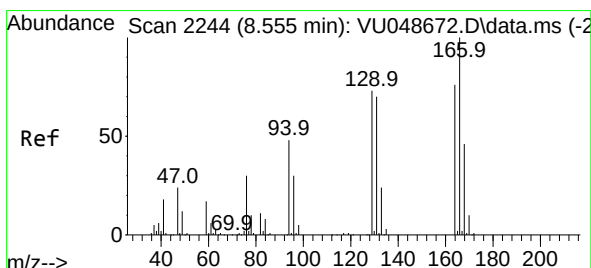
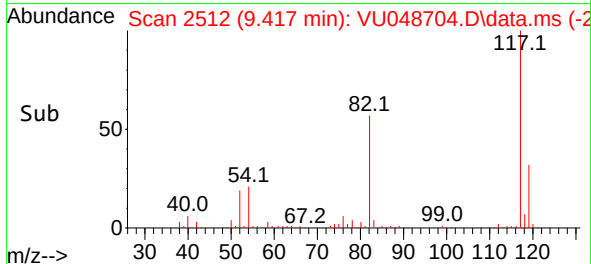
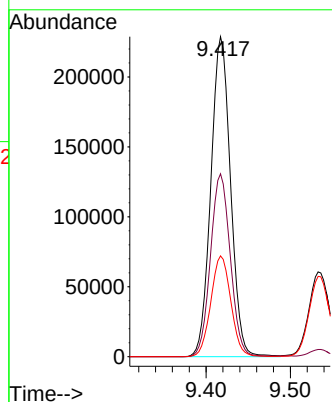
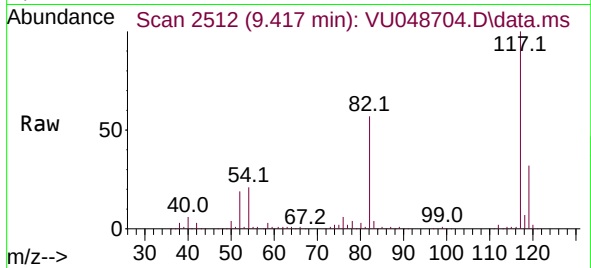




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

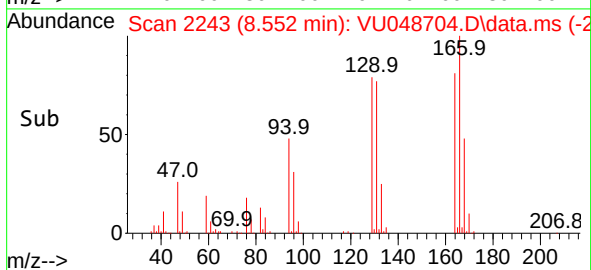
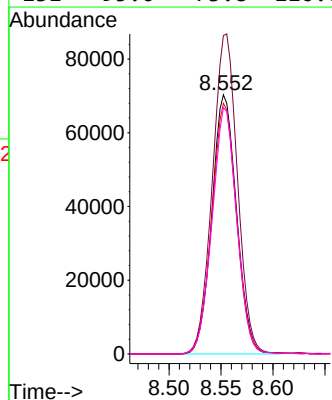
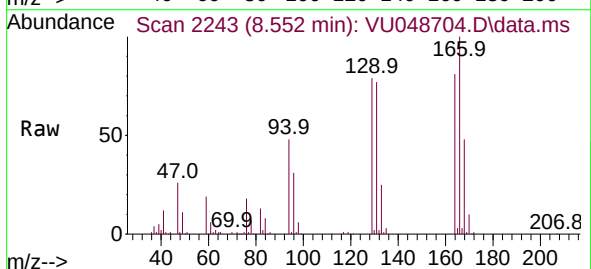
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

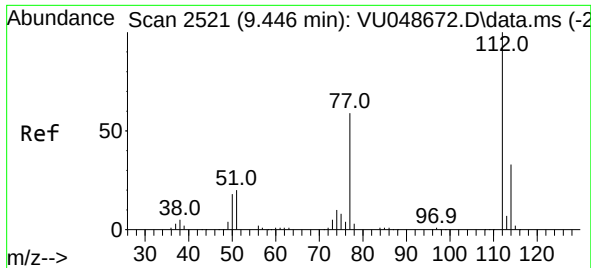
Tgt Ion:117 Resp: 371161
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 44.984 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion:164 Resp: 116226
Ion Ratio Lower Upper
164 100
166 122.8 105.0 157.4
129 96.7 76.5 114.7
131 95.0 73.8 110.6

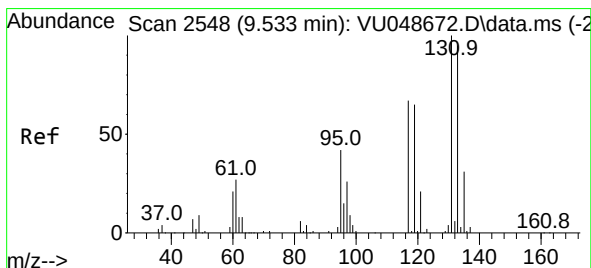
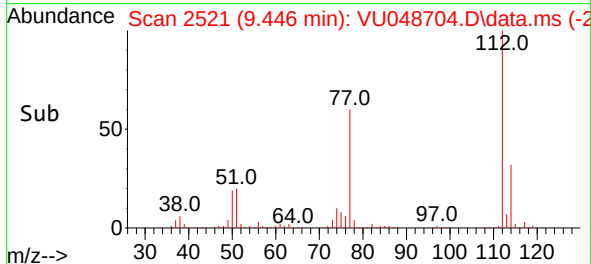
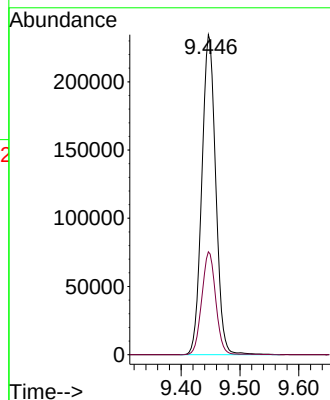
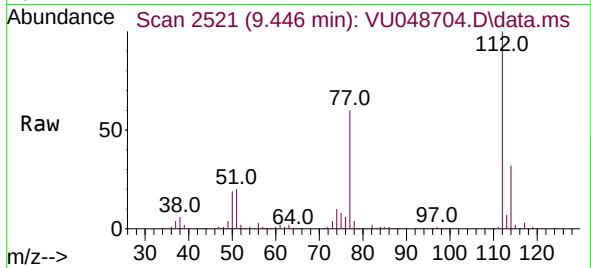




#65
Chlorobenzene
Concen: 49.019 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

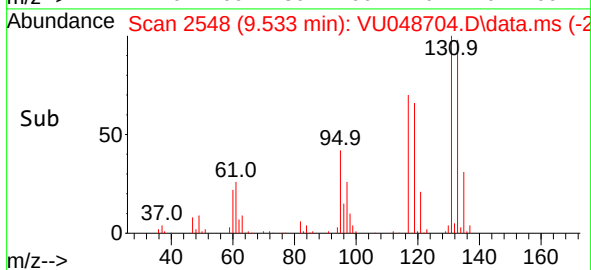
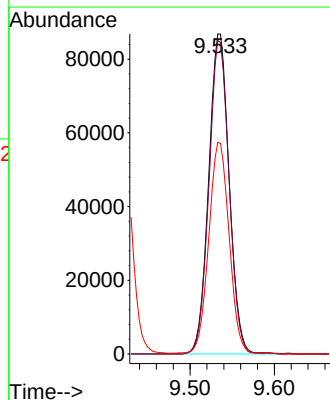
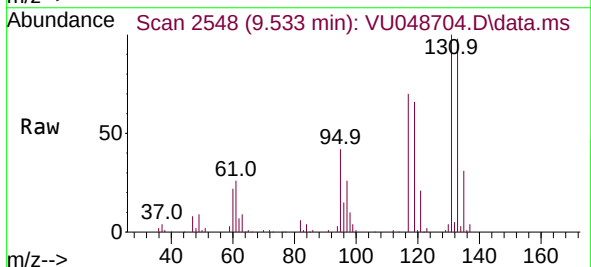
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

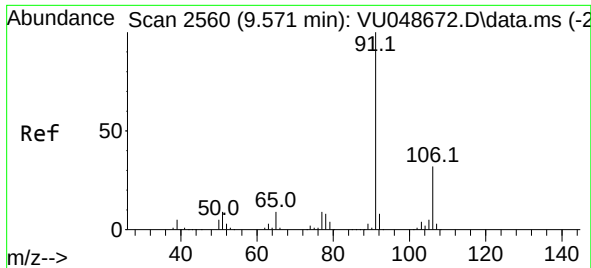
Tgt Ion:112 Resp: 384804
Ion Ratio Lower Upper
112 100
114 32.1 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.152 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion:131 Resp: 146460
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 66.4 32.7 98.1

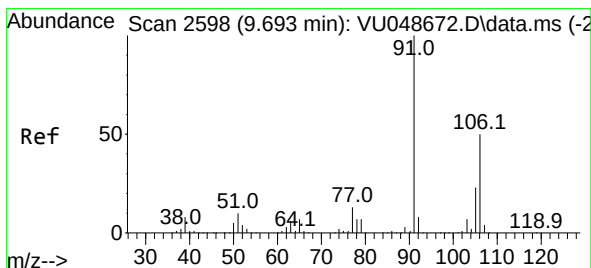
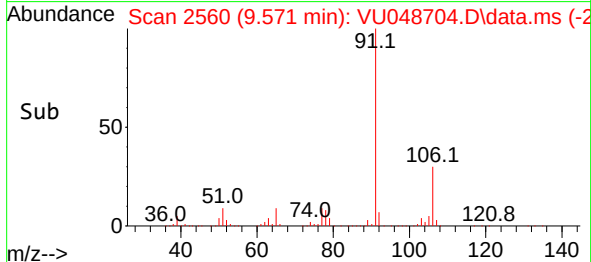
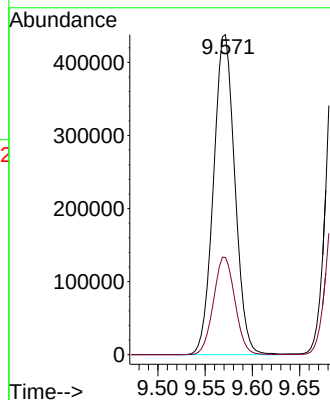
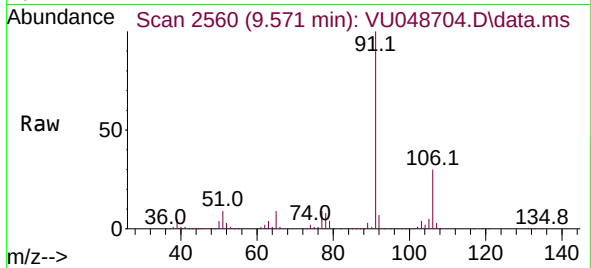




#67
Ethyl Benzene
Concen: 51.935 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

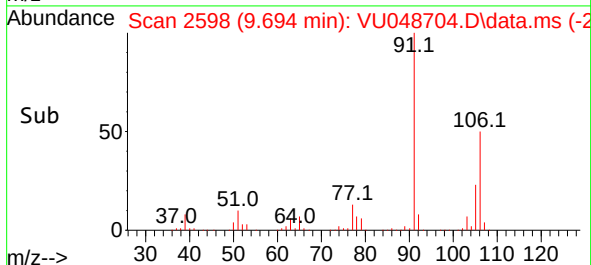
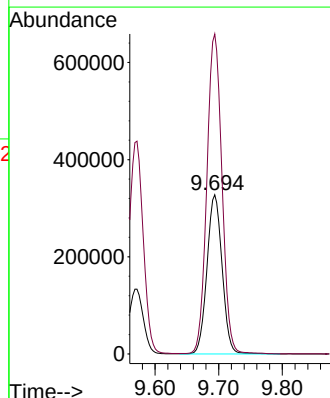
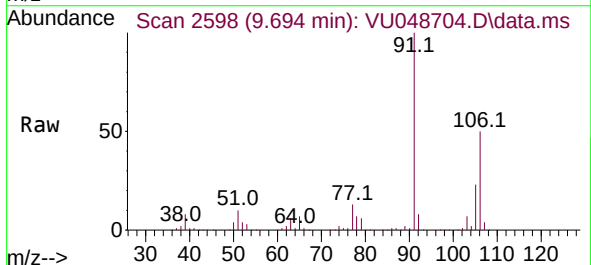
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

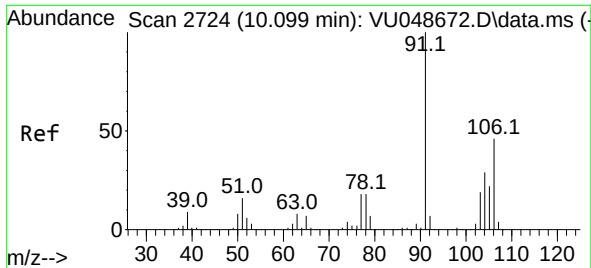
Tgt Ion: 91 Resp: 687623
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.2



#68
m/p-Xylenes
Concen: 104.180 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 106 Resp: 539476
Ion Ratio Lower Upper
106 100
91 201.3 162.4 243.6

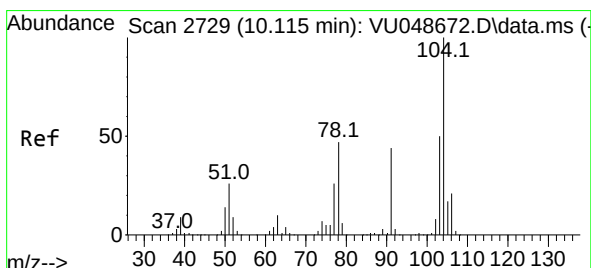
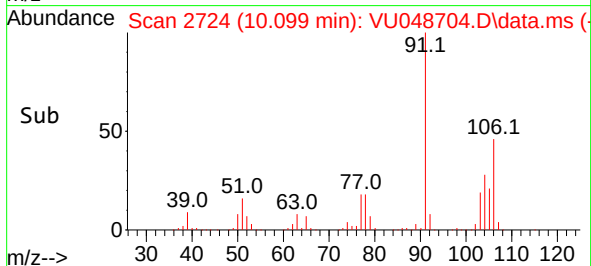
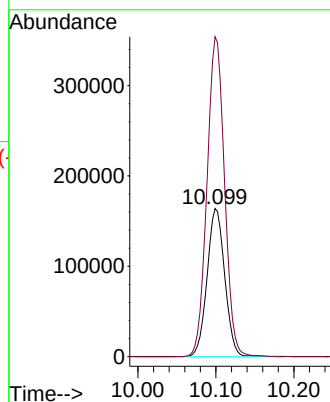
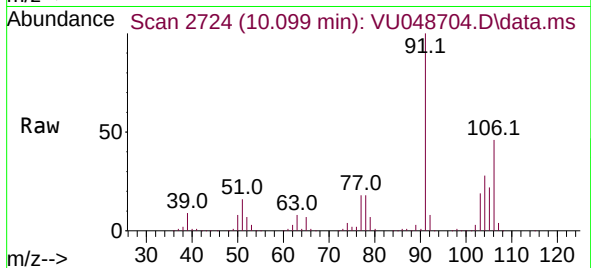




#69
o-Xylene
Concen: 50.626 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

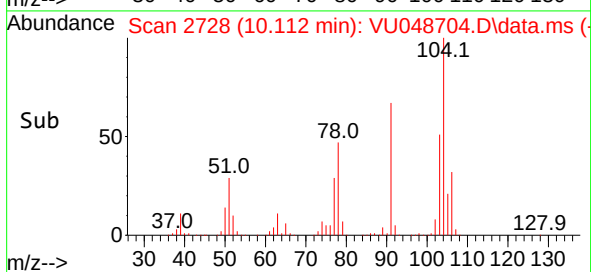
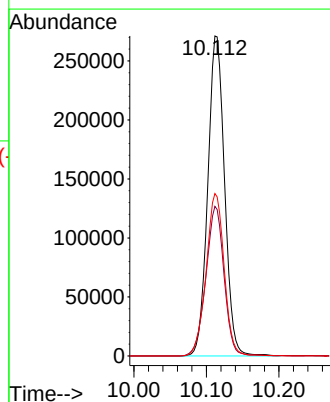
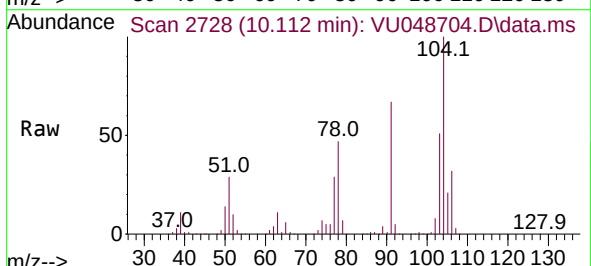
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

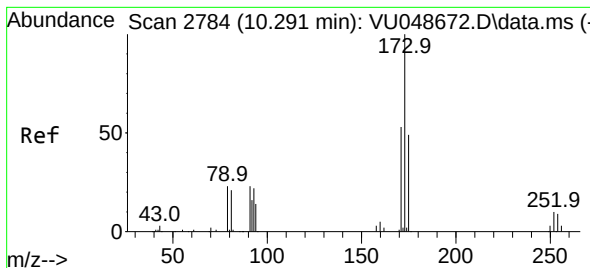
Tgt Ion:106 Resp: 257555
Ion Ratio Lower Upper
106 100
91 215.2 107.7 323.3



#70
Styrene
Concen: 52.239 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion:104 Resp: 437138
Ion Ratio Lower Upper
104 100
78 50.4 41.2 61.8
103 54.2 43.4 65.2





#71

Bromoform

Concen: 49.608 ug/l

RT: 10.289 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

MW-1MSD

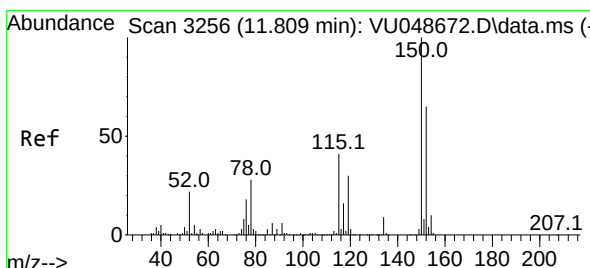
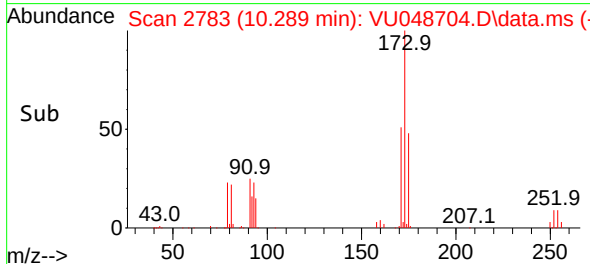
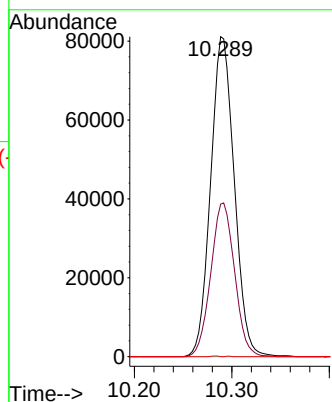
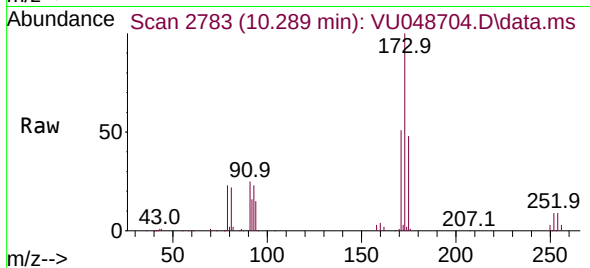
Tgt Ion:173 Resp: 136669

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.813 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

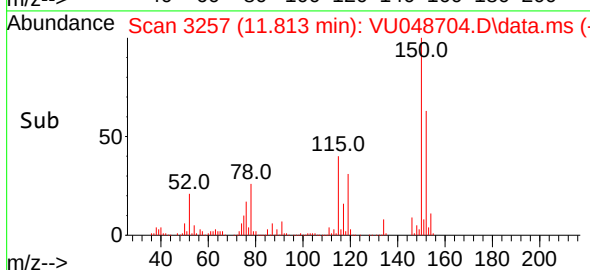
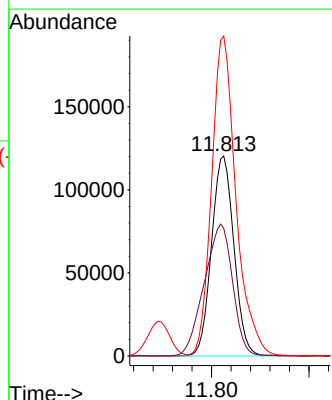
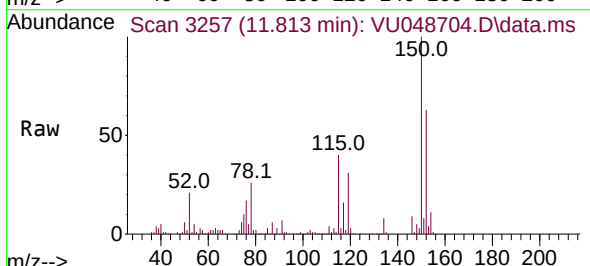
Tgt Ion:152 Resp: 191958

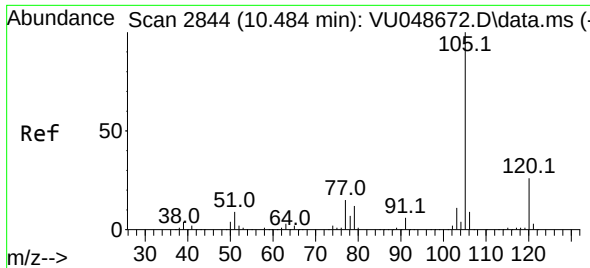
Ion Ratio Lower Upper

152 100

115 83.5 41.8 125.4

150 173.7 0.0 341.0

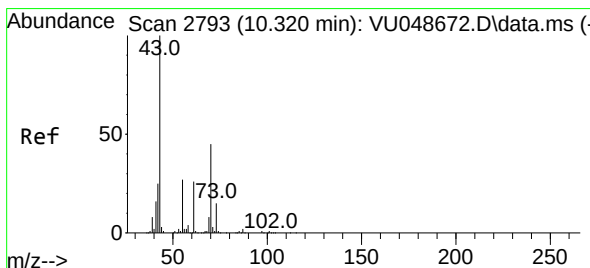
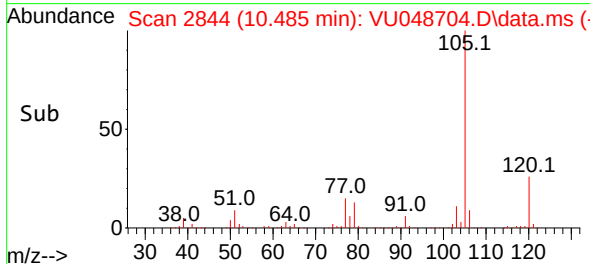
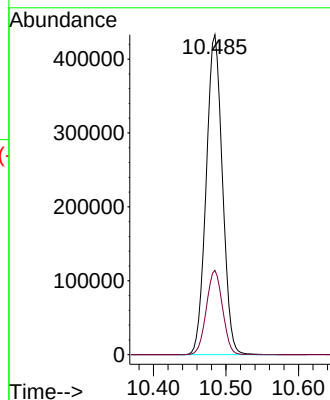
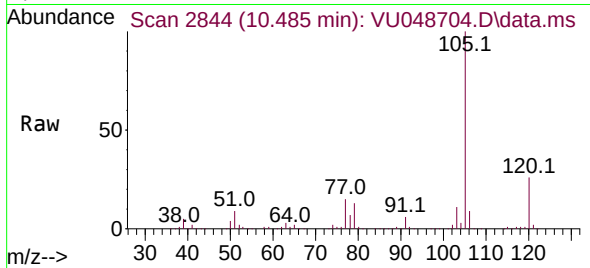




#73
Isopropylbenzene
Concen: 54.456 ug/l
RT: 10.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

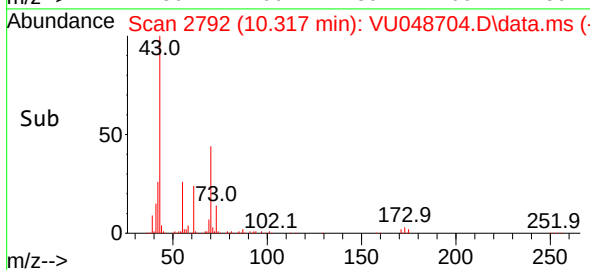
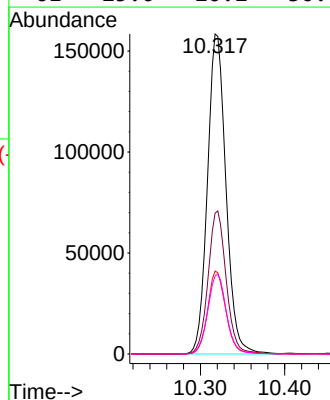
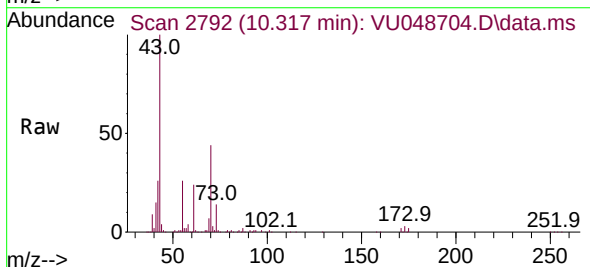
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

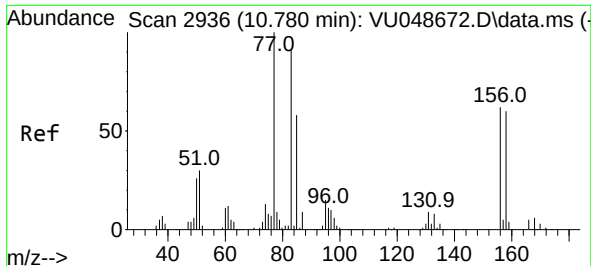
Tgt Ion:105 Resp: 674857
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#74
N-ethyl acetate
Concen: 39.133 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. -0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 43 Resp: 241981
Ion Ratio Lower Upper
43 100
70 43.8 35.8 53.6
55 25.6 21.1 31.7
61 25.0 20.2 30.4

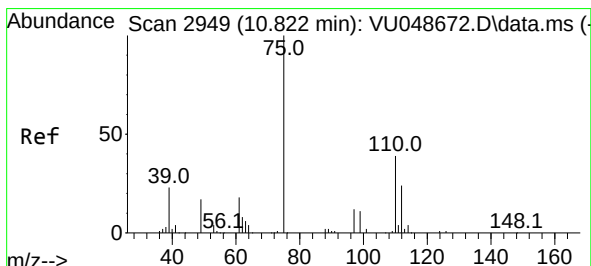
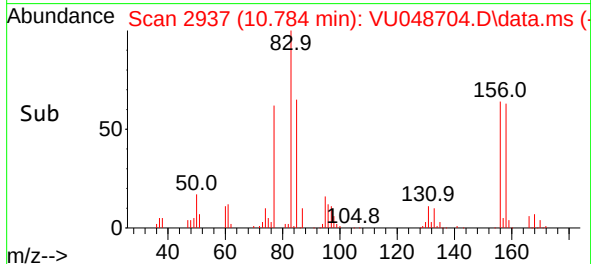
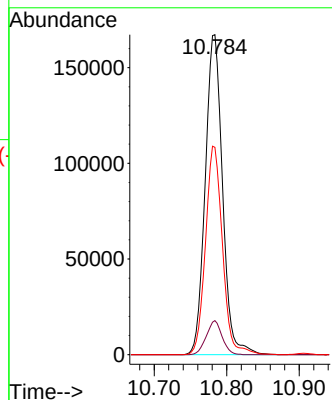
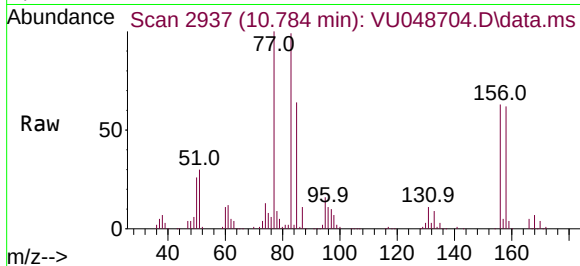




#75
1,1,2,2-Tetrachloroethane
Concen: 54.880 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

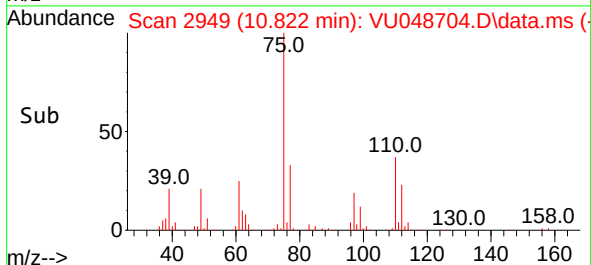
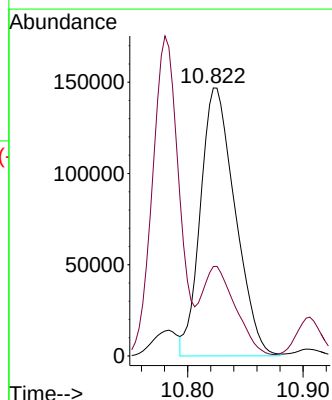
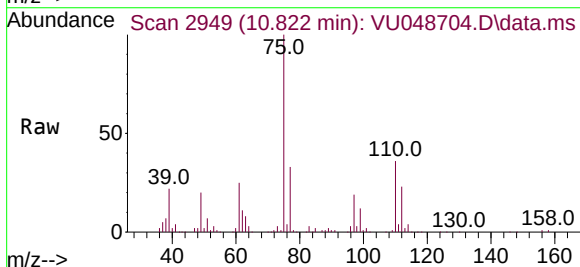
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

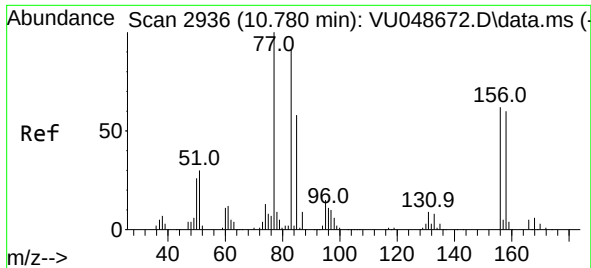
Tgt Ion: 83 Resp: 277544
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 64.1 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 49.564 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 75 Resp: 306764
Ion Ratio Lower Upper
75 100
77 32.2 14.8 44.3

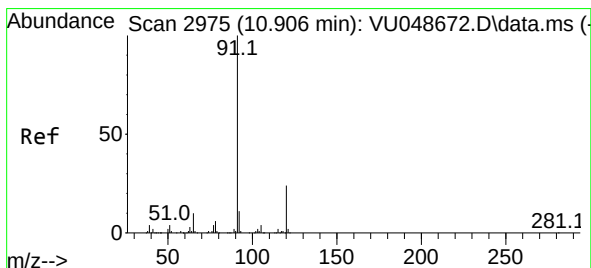
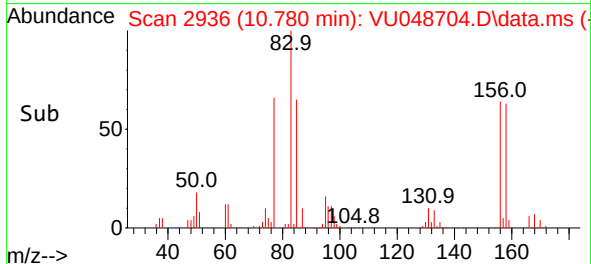
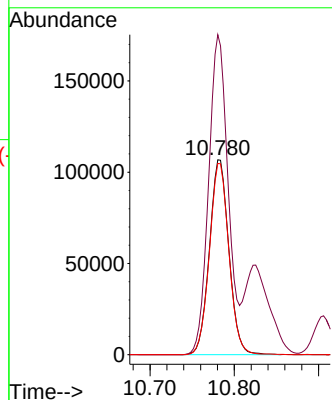
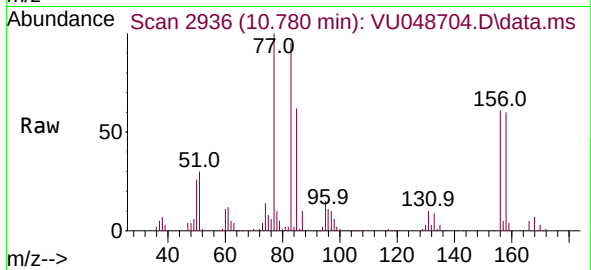




#77
Bromobenzene
Concen: 51.570 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

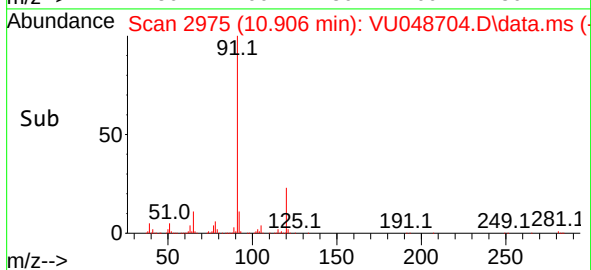
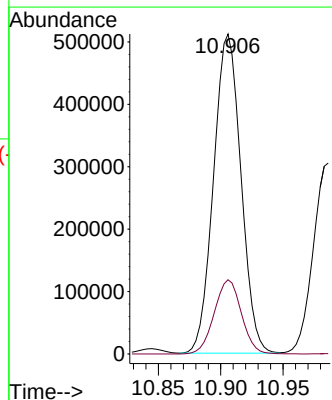
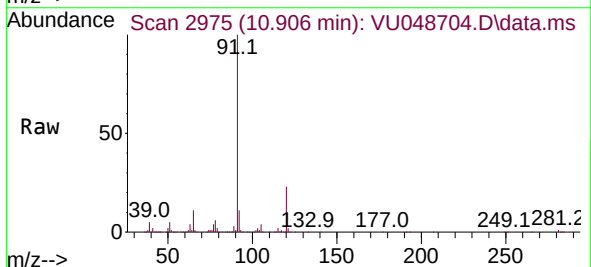
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

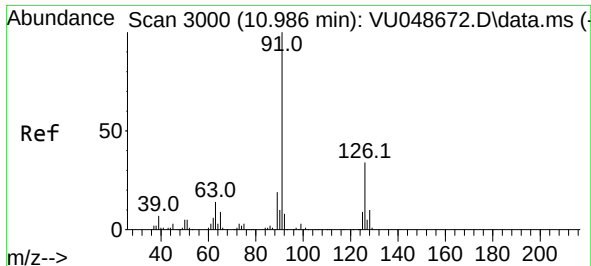
Tgt Ion:156 Resp: 171634
Ion Ratio Lower Upper
156 100
77 163.4 81.1 243.3
158 98.2 48.8 146.4



#78
n-propylbenzene
Concen: 52.934 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 91 Resp: 781671
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7

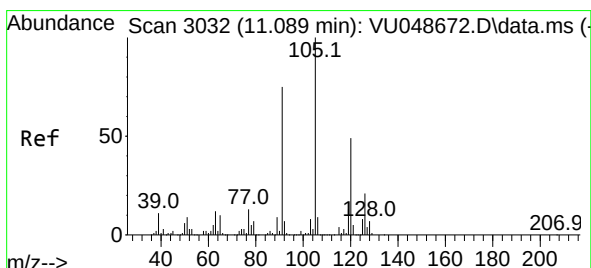
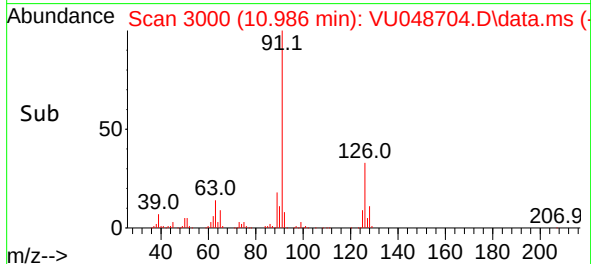
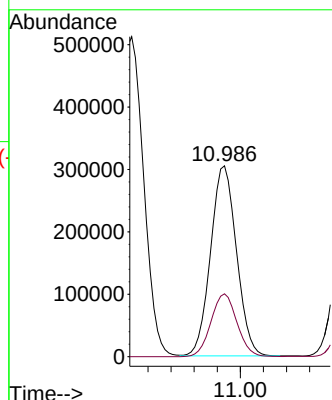
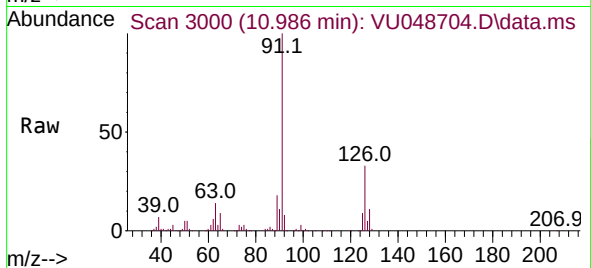




#79
2-Chlorotoluene
Concen: 51.647 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

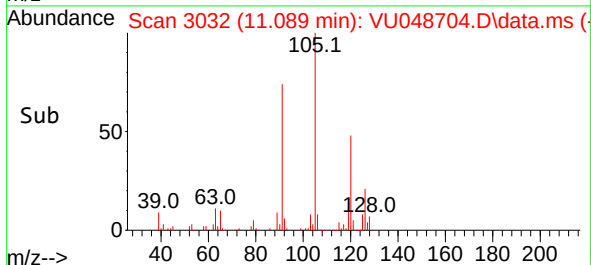
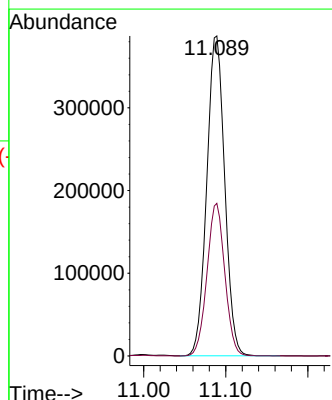
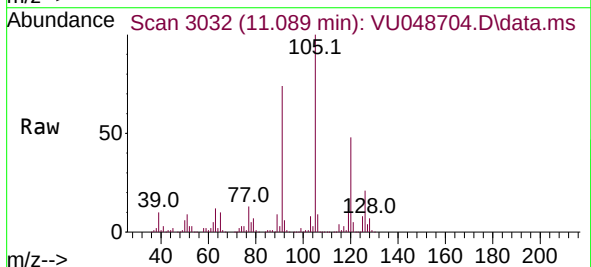
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

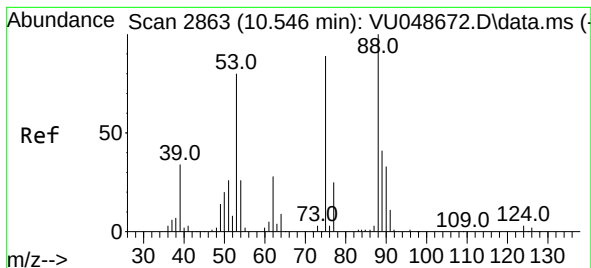
Tgt Ion: 91 Resp: 474287
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 54.418 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 105 Resp: 586471
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3

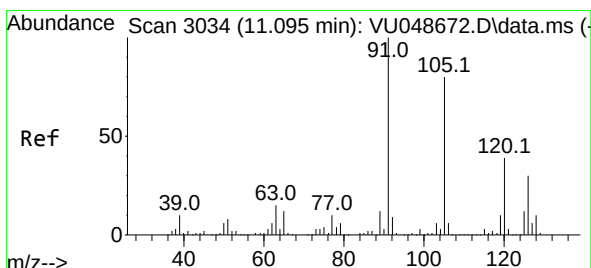
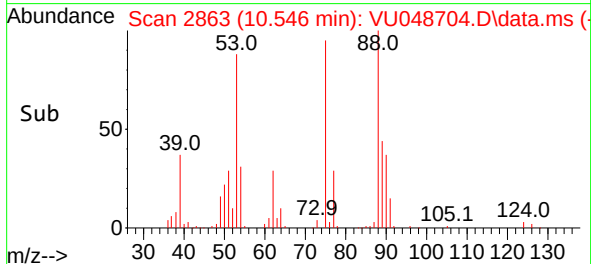
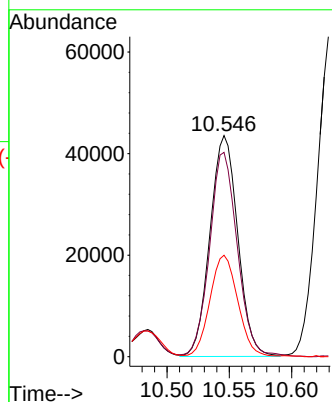
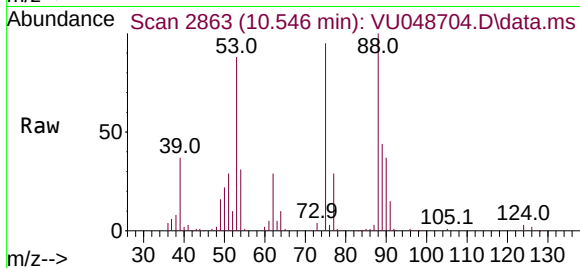




#81
trans-1,4-Dichloro-2-butene
Concen: 39.602 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

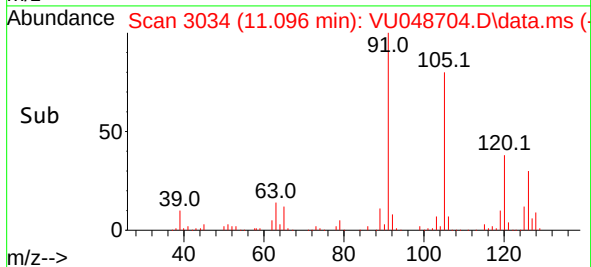
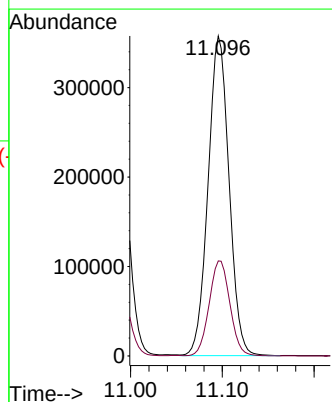
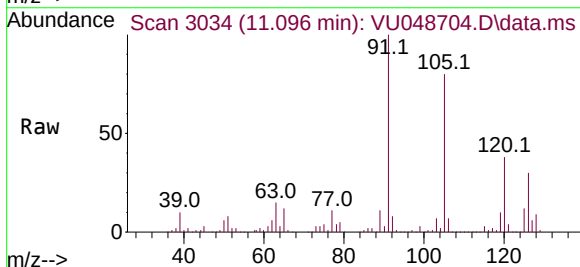
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

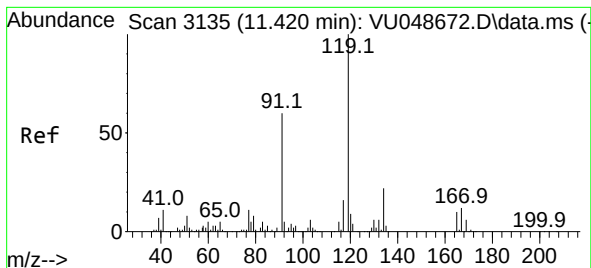
Tgt Ion: 75 Resp: 67506
Ion Ratio Lower Upper
75 100
53 92.8 72.5 108.7
89 45.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.451 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 91 Resp: 566334
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.2





#83

tert-Butylbenzene

Concen: 54.981 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

MW-1MSD

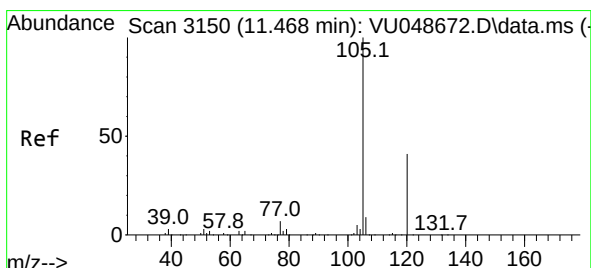
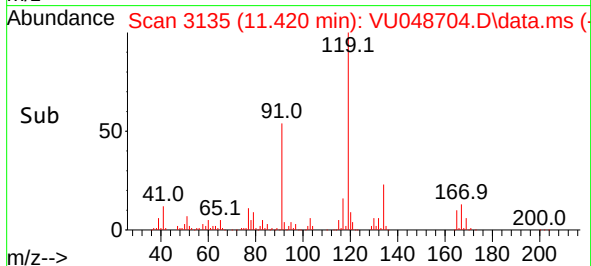
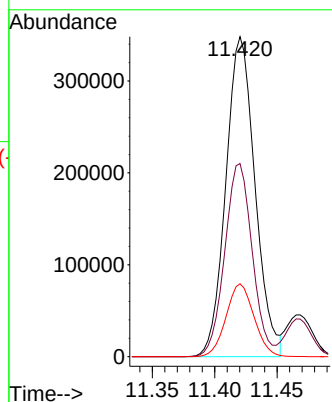
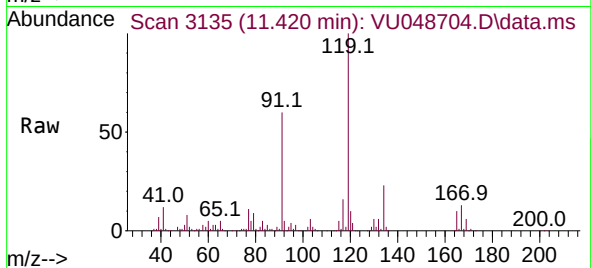
Tgt Ion:119 Resp: 568692

Ion Ratio Lower Upper

119 100

91 57.0 28.7 86.1

134 21.8 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 50.794 ug/l

RT: 11.469 min Scan# 3150

Delta R.T. 0.001 min

Lab File: VU048704.D

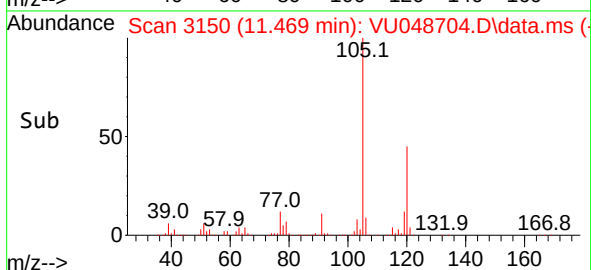
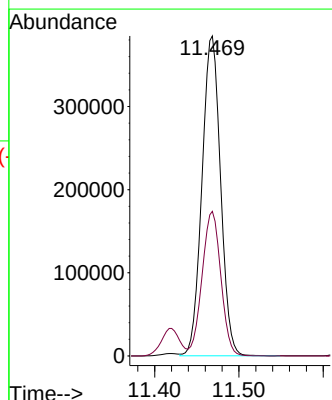
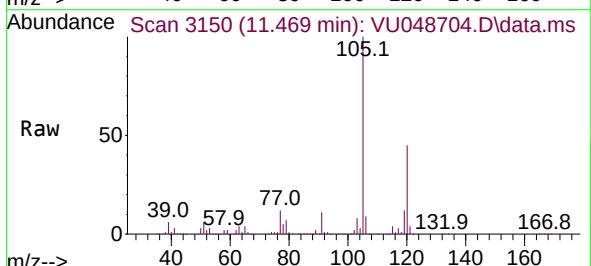
Acq: 27 May 2022 19:23

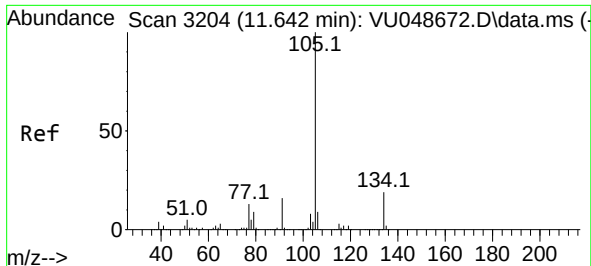
Tgt Ion:105 Resp: 590185

Ion Ratio Lower Upper

105 100

120 45.6 22.5 67.5

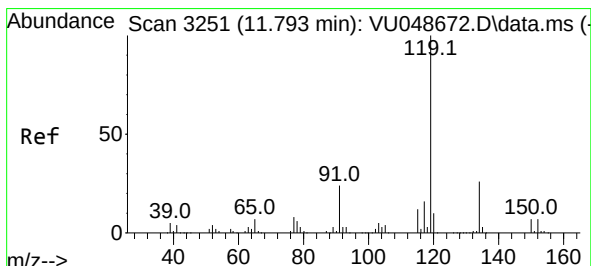
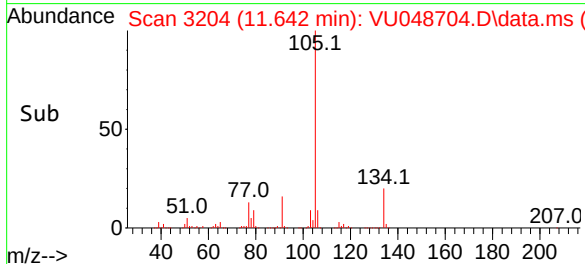
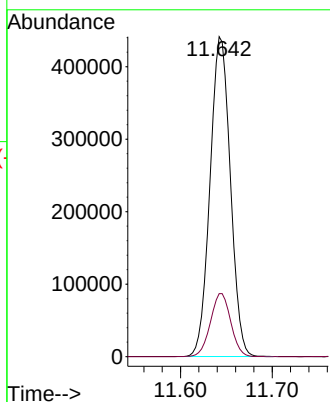
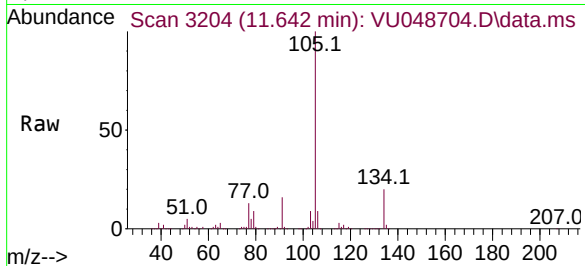




#85
 sec-Butylbenzene
 Concen: 52.448 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU048704.D
 Acq: 27 May 2022 19:23

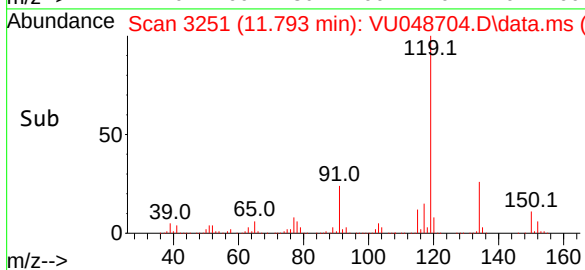
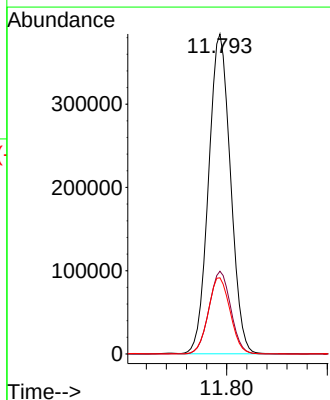
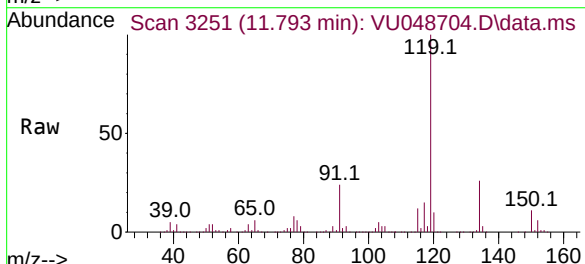
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1MSD

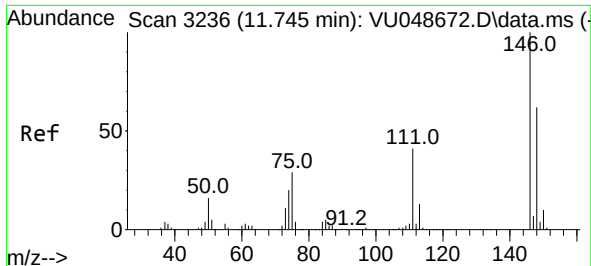
Tgt Ion:105 Resp: 678682
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 52.208 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048704.D
 Acq: 27 May 2022 19:23

Tgt Ion:119 Resp: 580155
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 23.8 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.655 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

MW-1MSD

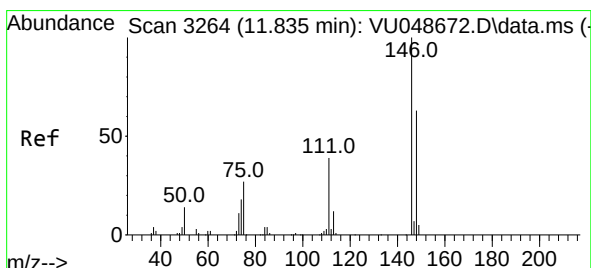
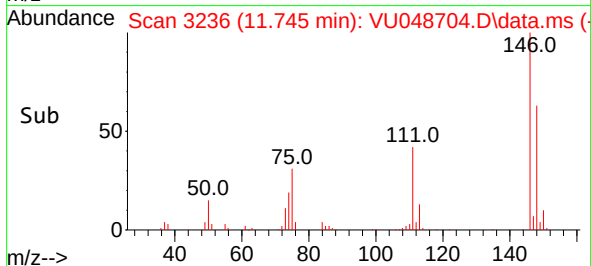
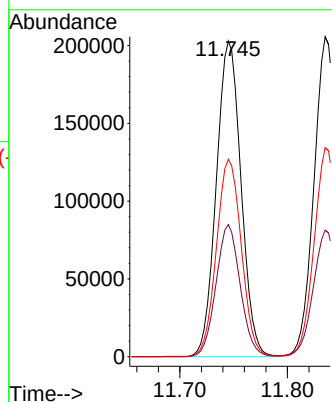
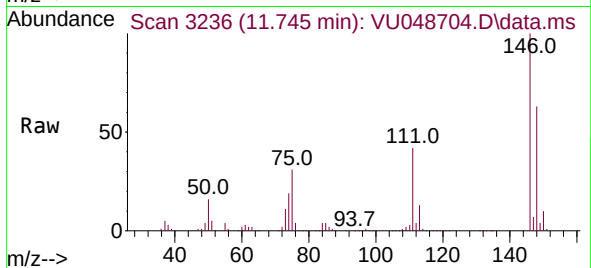
Tgt Ion:146 Resp: 324020

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.9

148 63.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.535 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

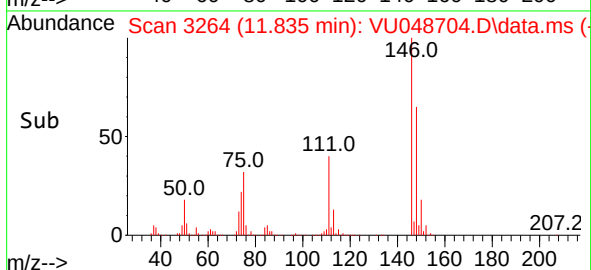
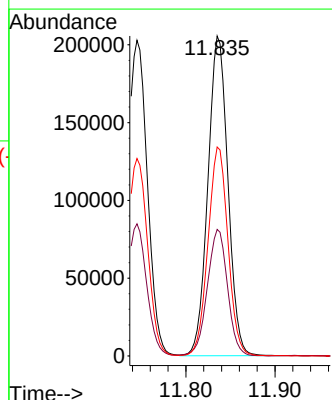
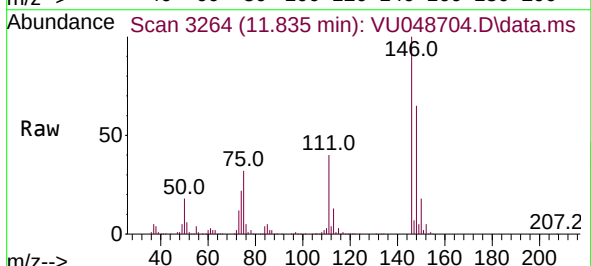
Tgt Ion:146 Resp: 320467

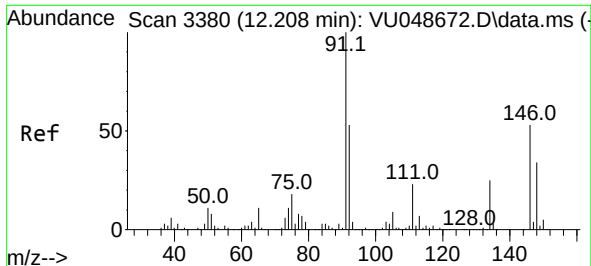
Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.6

148 65.1 32.4 97.0





#89

n-Butylbenzene

Concen: 46.896 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU048704.D

Acq: 27 May 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

MW-1MSD

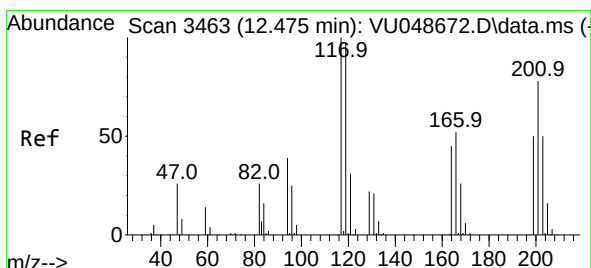
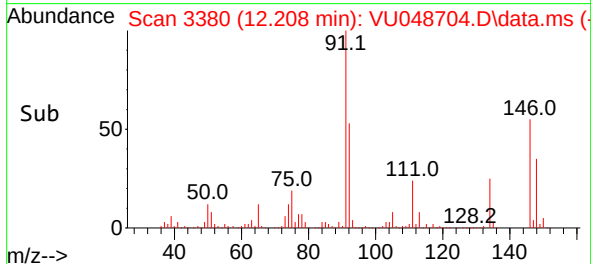
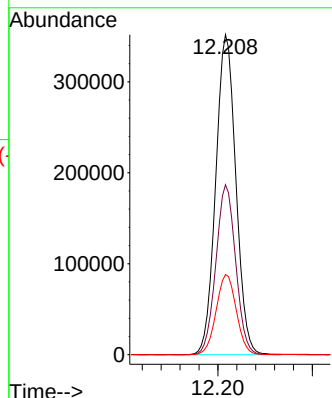
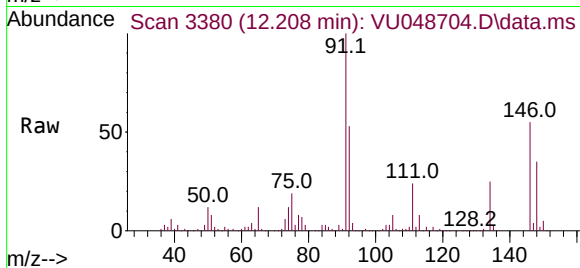
Tgt Ion: 91 Resp: 520048

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.8

134 25.1 12.5 37.5



#90

Hexachloroethane

Concen: 47.793 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU048704.D

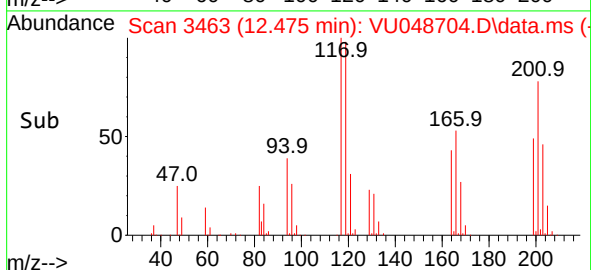
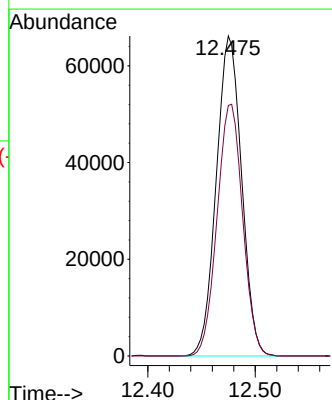
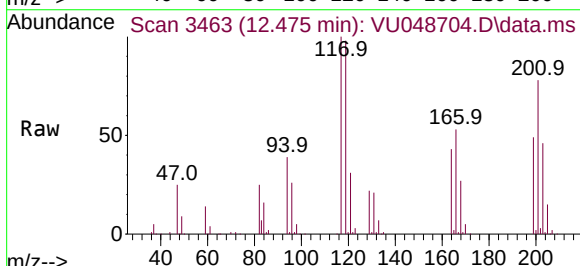
Acq: 27 May 2022 19:23

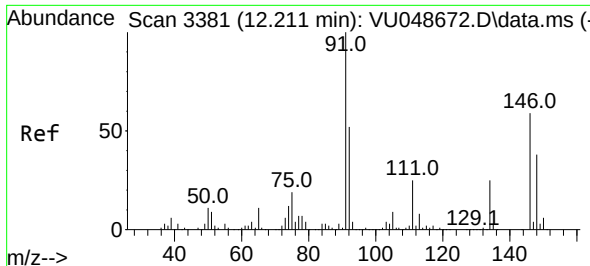
Tgt Ion:117 Resp: 108388

Ion Ratio Lower Upper

117 100

201 79.4 39.6 119.0

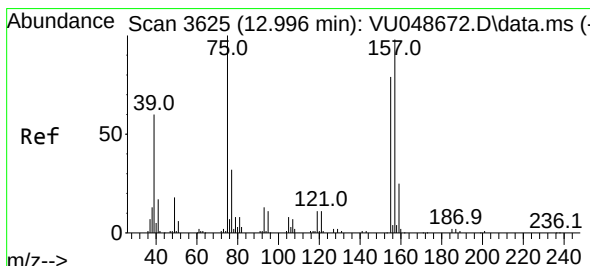
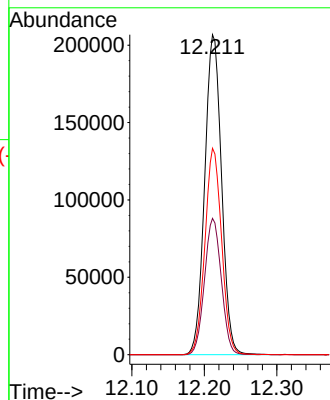
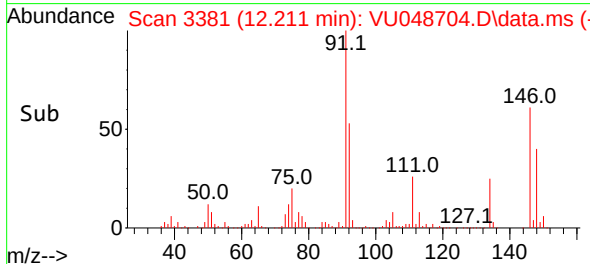
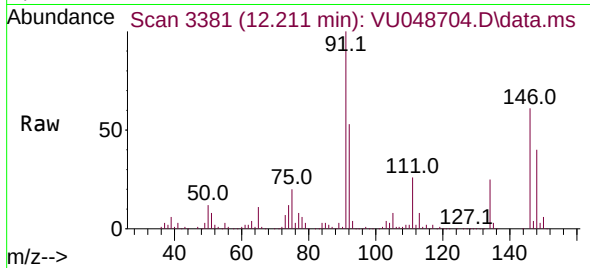




#91
1,2-Dichlorobenzene
Concen: 50.541 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

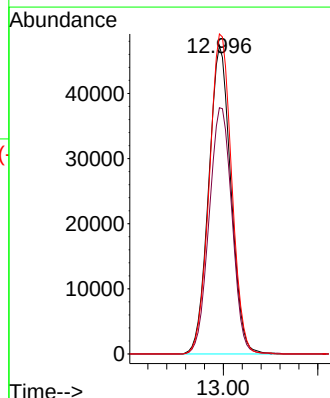
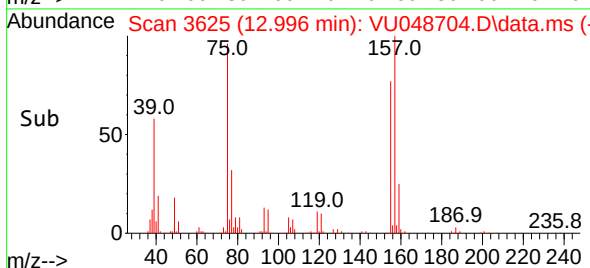
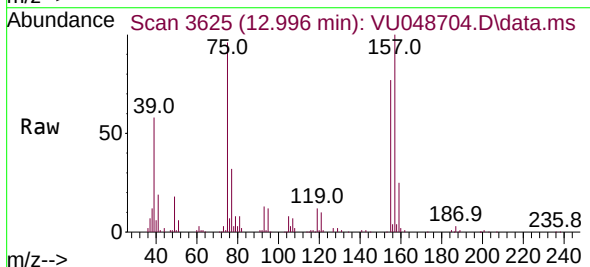
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

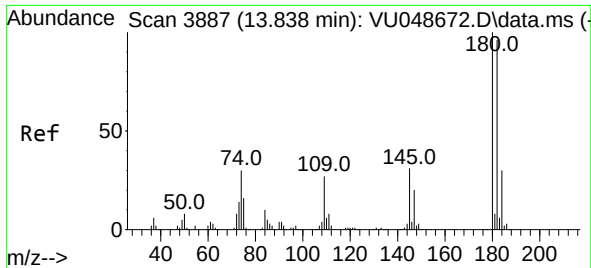
Tgt Ion:146 Resp: 333169
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.005 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion: 75 Resp: 77183
Ion Ratio Lower Upper
75 100
155 81.9 40.3 120.8
157 104.3 50.0 150.0

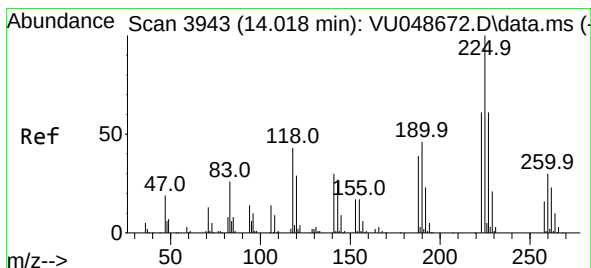
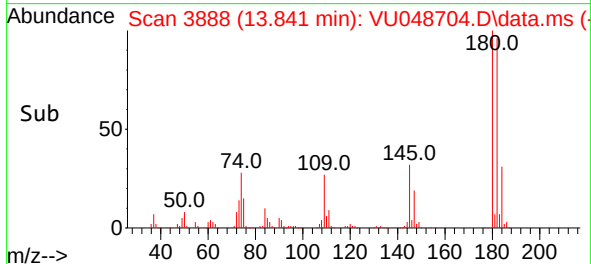
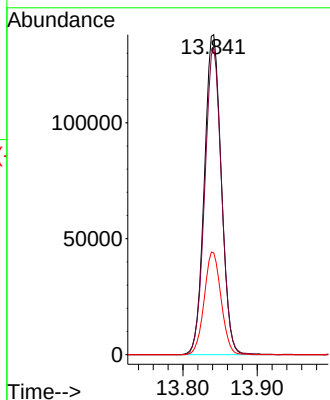
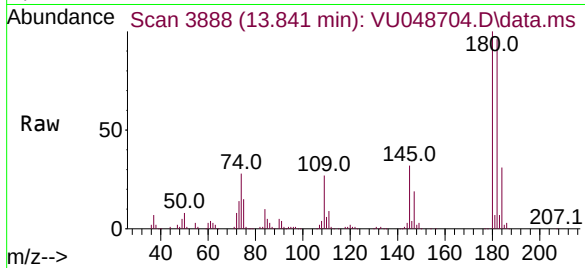




#93
1,2,4-Trichlorobenzene
Concen: 50.372 ug/l
RT: 13.841 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

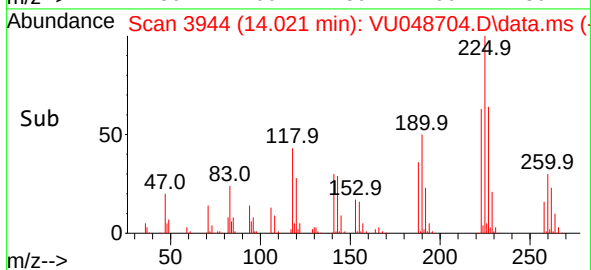
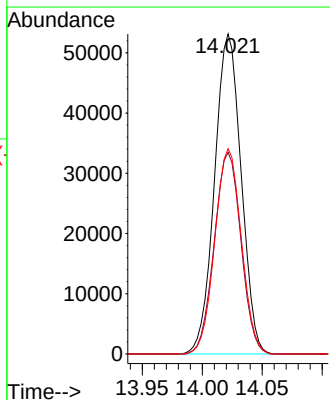
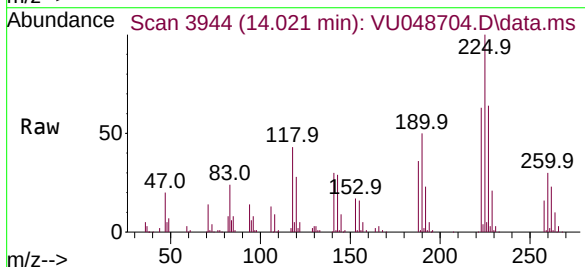
Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

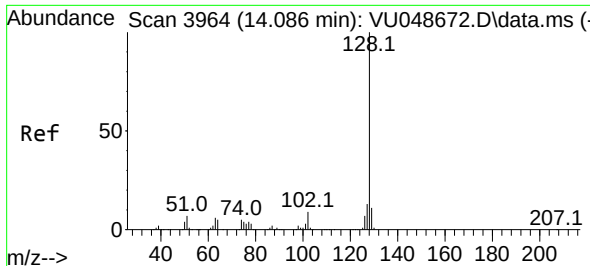
Tgt Ion:180 Resp: 217899
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 32.0 15.6 46.7



#94
Hexachlorobutadiene
Concen: 39.535 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion:225 Resp: 81973
Ion Ratio Lower Upper
225 100
223 63.1 30.9 92.8
227 63.7 31.1 93.5

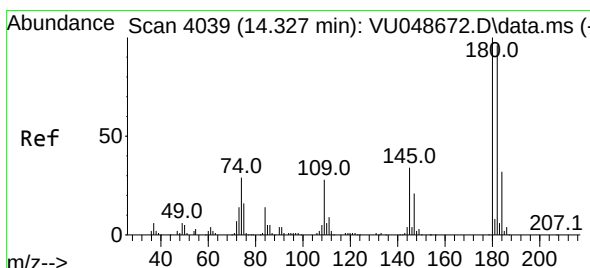
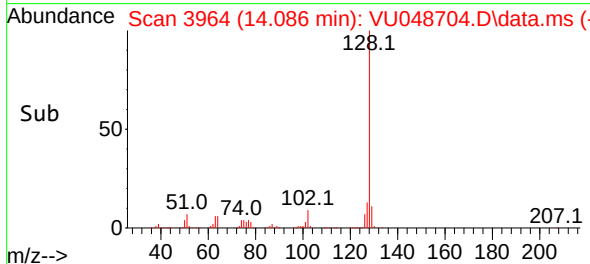
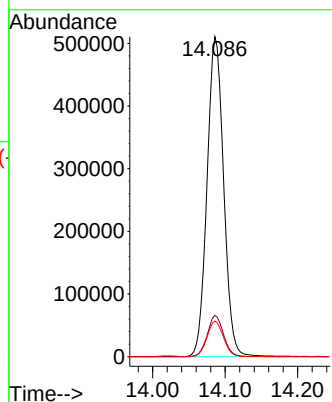
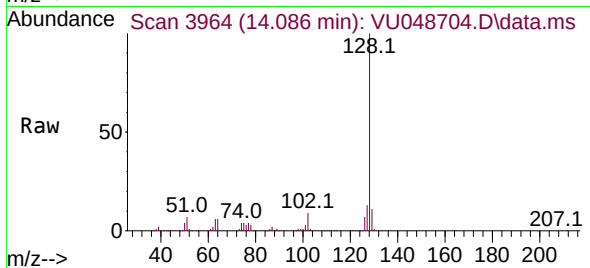




#95
Naphthalene
Concen: 53.523 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Instrument :
MSVOA_U
ClientSampleId :
MW-1MSD

Tgt Ion:128 Resp: 811562
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.064 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048704.D
Acq: 27 May 2022 19:23

Tgt Ion:180 Resp: 218781
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 33.2 16.6 49.8

