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 Data File : VU054908.D
 Acq On : 28 Jul 2023 12:25
 Operator : MD/SY
 Sample : VV0727WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01

Quant Time: Jul 28 23:12:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	24167	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7344	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9152	1.105	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	8276	1.798	ug/l	100
3) Chloromethane	1.515	50	10217	1.976	ug/l	99
4) Vinyl Chloride	1.599	62	13737	1.990	ug/l	94
5) Bromomethane	1.853	94	10295	1.880	ug/l	84
6) Chloroethane	1.930	64	12454	1.745	ug/l	90
7) Trichlorofluoromethane	2.133	101	27756	1.711	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	10623	2.021	ug/l	91
9) 1,1-Dichloroethene	2.576	96	7663	1.837	ug/l	87
10) Iodomethane	2.718	142	11594	1.780	ug/l	99
11) Allyl Chloride	2.920	41	9957	1.997	ug/l	97
12) Acrylonitrile	3.329	53	3938	3.761	ug/l	# 86
13) Acetone	2.641	43	10912	9.970	ug/l	91
14) Carbon Disulfide	2.785	76	13197	1.826	ug/l	95
15) Methylene Chloride	3.043	84	13103	2.422	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	9077	1.998	ug/l	98
17) 1,1-Dichloroethane	3.869	63	20611	2.029	ug/l	94
18) 2-Butanone	4.724	43	16502	11.953	ug/l	96
19) Cyclohexane	5.390	56	11242	1.967	ug/l	# 83
20) Methylcyclohexane	6.759	83	15652	2.048	ug/l	96
21) 2,2-Dichloropropane	4.657	77	17444	1.852	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	12165	2.015	ug/l	93
23) Diethyl Ether	2.374	59	13023	2.116	ug/l	97
24) tert-Butyl Alcohol	3.226	59	4492	7.844	ug/l	# 69
25) Methyl tert-Butyl Ether	3.361	73	28089	2.176	ug/l	97
26) Bromochloromethane	4.975	128	5150	2.080	ug/l	99
27) Chloroform	5.084	83	22708	2.081	ug/l	99
28) 1,1,1-Trichloroethane	5.313	97	18105	1.921	ug/l	98
29) 1,1-Dichloropropene	5.525	75	13624	1.960	ug/l	98
30) Carbon Tetrachloride	5.525	117	14952	1.901	ug/l	92
31) Isopropyl Ether	3.988	45	30274	2.019	ug/l	100
32) Ethyl-t-butyl ether	4.496	59	30810	1.996	ug/l	95
33) Tert-Amyl methyl ether	5.936	73	29387	2.013	ug/l	96
34) Propionitrile	4.805	54	2431	6.387	ug/l	# 96
35) Benzene	5.772	78	43649	2.005	ug/l	99
36) 1,2-Dichloroethane	5.792	62	13956	2.254	ug/l	96
37) Trichloroethene	6.541	130	11933	2.038	ug/l	96
38) 1,2-Dichloropropane	6.785	63	13046	2.120	ug/l	95
39) Methacrylonitrile	4.981	41	2625	1.720	ug/l	# 63
40) Methyl acrylate	4.859	55	4428	1.825	ug/l	# 93
41) Tetrahydrofuran	5.065	42	4111	4.712	ug/l	# 68
42) 1-Chlorobutane	5.454	56	17418	1.914	ug/l	92
43) Dibromomethane	6.917	93	6201	2.146	ug/l	96
44) Bromodichloromethane	7.103	83	17187	2.134	ug/l	# 89

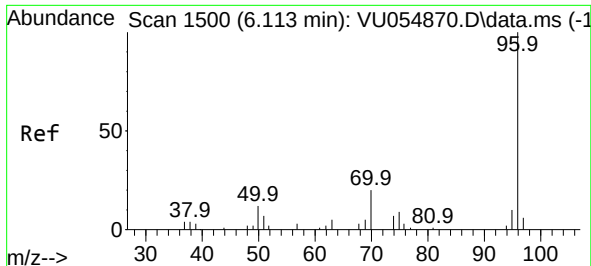
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Quant Time: Jul 28 23:12:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	38329	11.366	ug/l	99
46) t-1,4-Dichloro-2-butene	10.820	75	14050	10.355	ug/l #	48
47) Methyl methacrylate	6.962	69	11913	4.509	ug/l	95
48) Ethyl methacrylate	8.332	69	11765	2.201	ug/l	98
49) Toluene	7.965	92	27888	2.011	ug/l	97
50) t-1,3-Dichloropropene	8.210	75	14690	2.055	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	17187	1.956	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	9953	2.172	ug/l #	81
53) 1,3-Dichloropropane	8.573	76	16544	2.232	ug/l	94
54) 2-Hexanone	8.685	43	26463	11.043	ug/l	97
55) Dibromochloromethane	8.808	129	10561	2.012	ug/l	94
56) 1,2-Dibromoethane	8.917	107	8439	2.173	ug/l	98
58) Tetrachloroethene	8.550	164	10606	2.076	ug/l	94
59) Chlorobenzene	9.444	112	34343	2.041	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.528	131	11957	2.013	ug/l	98
61) Pentachloroethane	11.422	117	8857	1.908	ug/l	96
62) Hexachloroethane	12.470	117	9108	1.908	ug/l	98
63) Ethyl Benzene	9.566	91	55877	1.979	ug/l	98
64) m/p-Xylenes	9.692	106	42325	4.007	ug/l	98
65) o-Xylene	10.097	106	21174	1.951	ug/l	99
66) Styrene	10.113	104	35119	2.024	ug/l	98
67) Bromoform	10.290	173	6008	2.207	ug/l	95
69) Isopropylbenzene	10.483	105	58265	2.000	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.775	83	12242	2.159	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	14050	3.478	ug/l #	79
72) Bromobenzene	10.782	156	13902	2.143	ug/l	98
73) n-propylbenzene	10.901	120	15565	1.997	ug/l	99
74) 2-Chlorotoluene	10.984	126	14515	2.151	ug/l	91
75) 1,3,5-Trimethylbenzene	11.084	105	46147	1.956	ug/l	99
76) 4-Chlorotoluene	11.097	126	15083	2.151	ug/l	97
77) tert-Butylbenzene	11.415	119	49730	2.027	ug/l	99
78) 1,2,4-Trimethylbenzene	11.467	105	46365	1.920	ug/l	97
79) sec-Butylbenzene	11.640	105	60842	1.908	ug/l	99
80) Nitrobenzene	13.209	77	1334	8.953	ug/l #	93
81) p-Isopropyltoluene	11.791	119	49735	1.976	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	29442	2.132	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	29372	2.134	ug/l	99
84) n-Butylbenzene	12.206	91	42817	1.894	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	28057	2.120	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1684	2.234	ug/l	85
87) 1,2,4-Trichlorobenzene	13.839	180	17014	2.015	ug/l	97
88) Hexachlorobutadiene	14.016	225	9577	2.127	ug/l	94
89) Naphthalene	14.084	128	28858	2.208	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	14607	1.950	ug/l	96

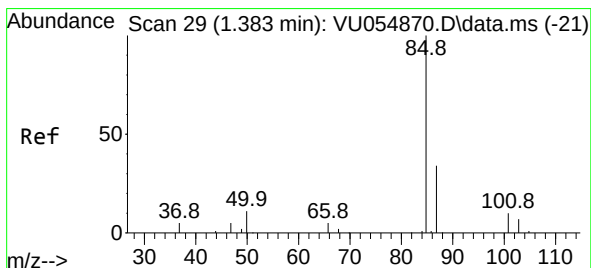
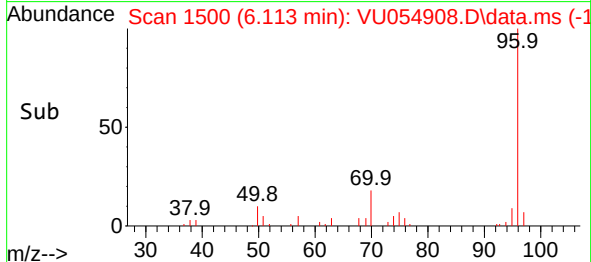
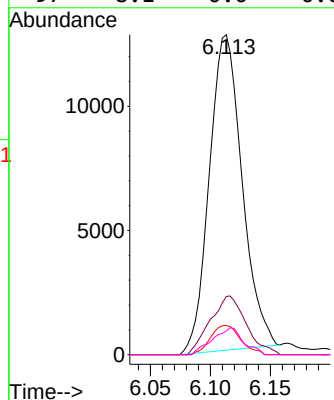
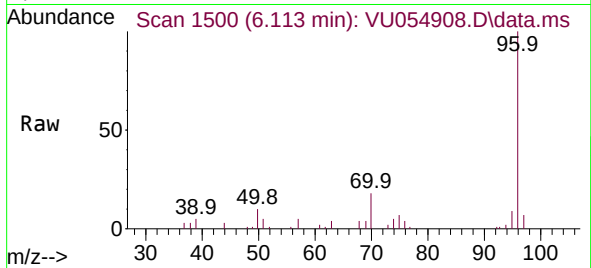
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

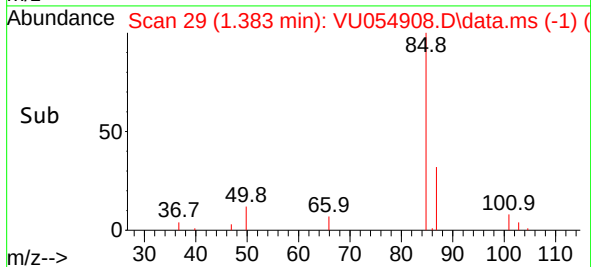
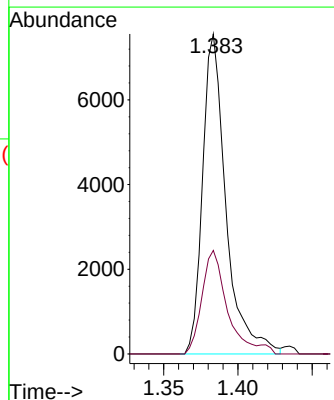
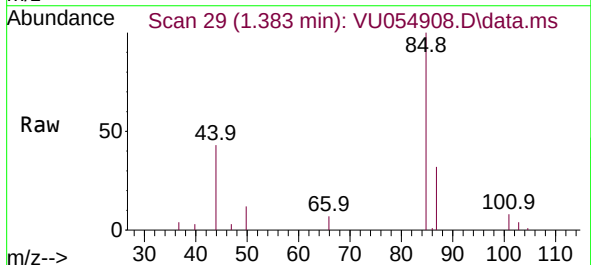
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

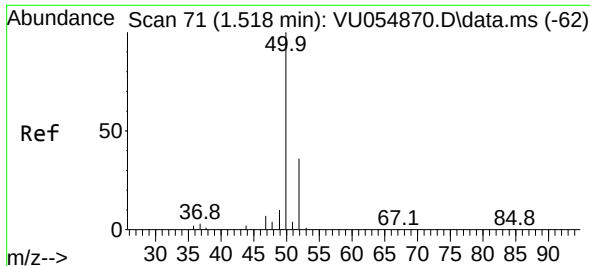
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Ion Ratio	Lower Upper
96 100	
70 20.4	14.0 21.0
95 8.5	8.7 13.1#
97 8.1	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.798 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 85	Resp: 8276
Ion Ratio	Lower Upper
85 100	
87 32.4	16.2 48.6

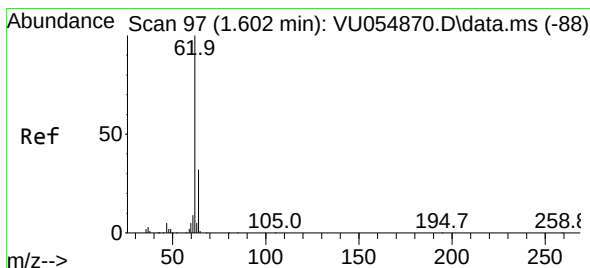
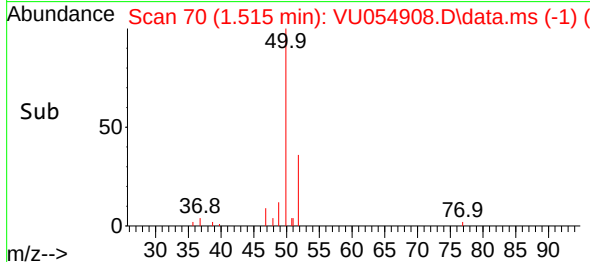
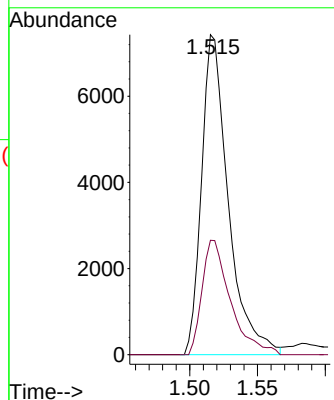
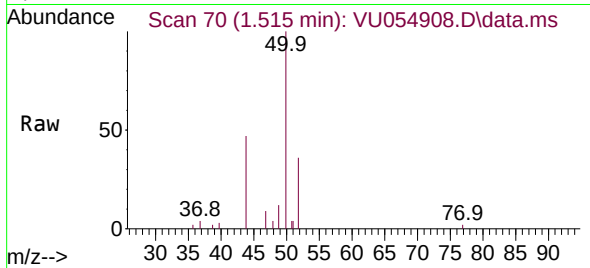




#3
Chloromethane
Concen: 1.976 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

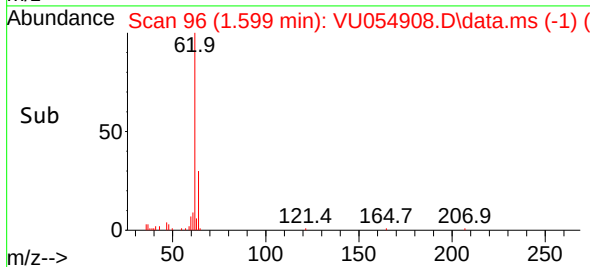
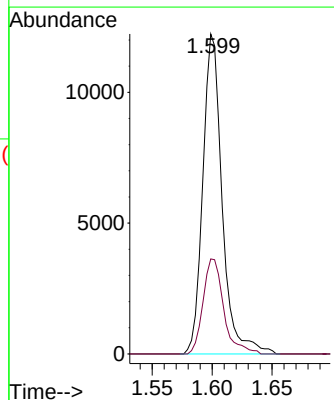
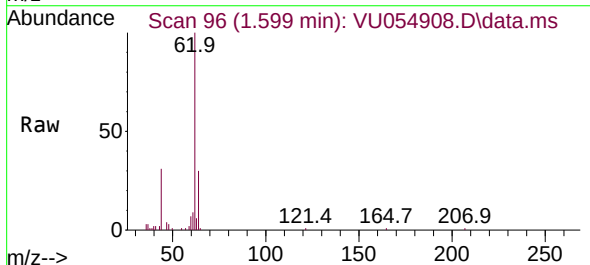
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MSVOA_U
ClientSampleId :
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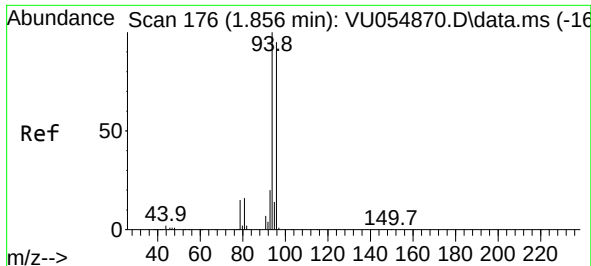
Tgt Ion: 50 Resp: 10217
Ion Ratio Lower Upper
50 100
52 35.8 28.2 42.2



#4
Vinyl Chloride
Concen: 1.990 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 62 Resp: 13737
Ion Ratio Lower Upper
62 100
64 29.7 26.4 39.6

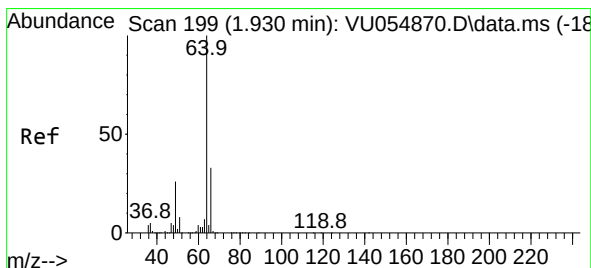
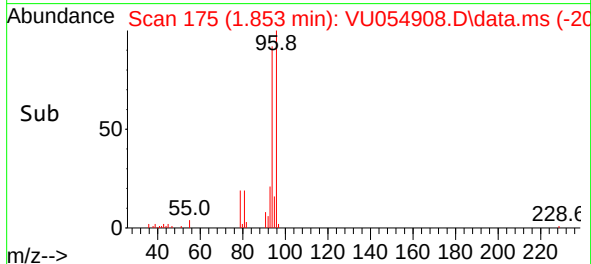
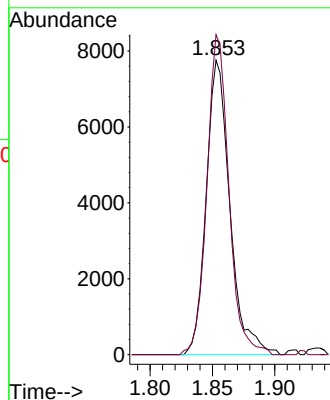
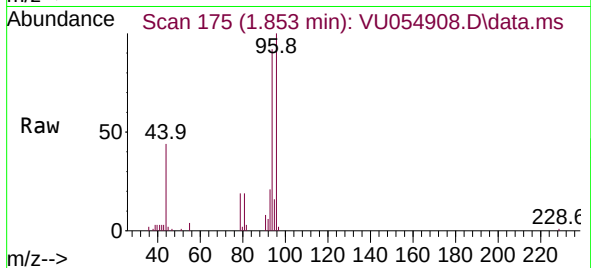




#5
Bromomethane
Concen: 1.880 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

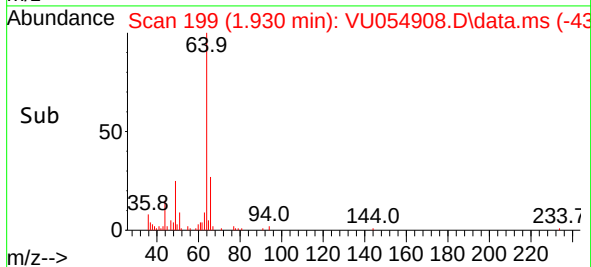
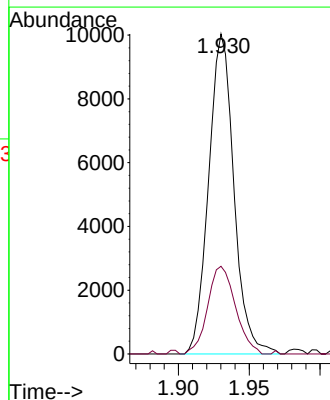
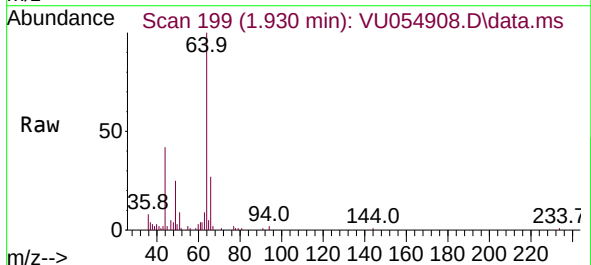
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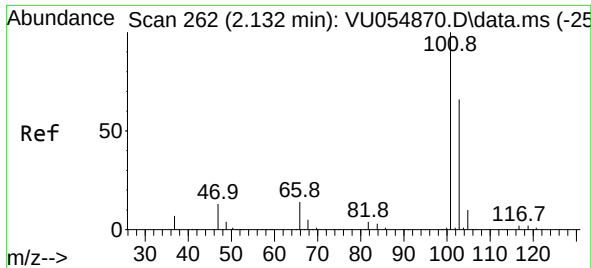
Tgt Ion: 94 Resp: 10295
Ion Ratio Lower Upper
94 100
96 108.7 74.6 111.8



#6
Chloroethane
Concen: 1.745 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 64 Resp: 12454
Ion Ratio Lower Upper
64 100
66 27.4 26.2 39.4

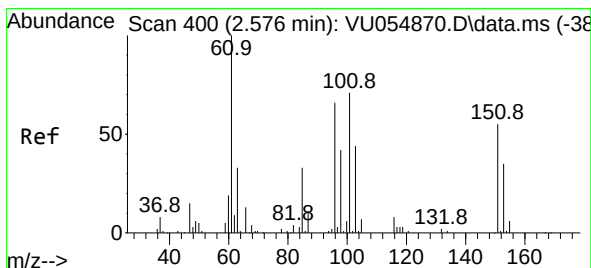
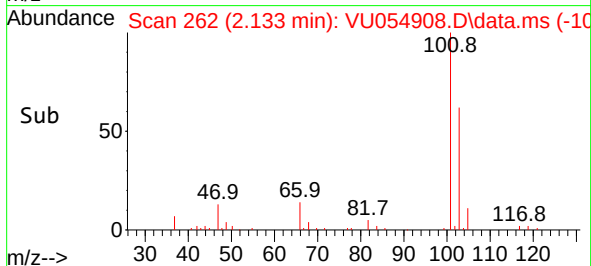
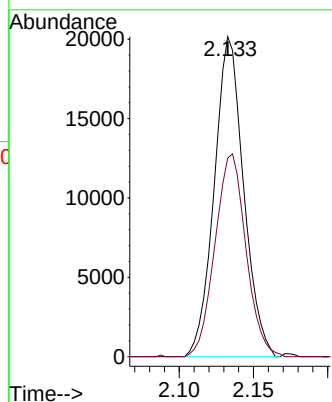
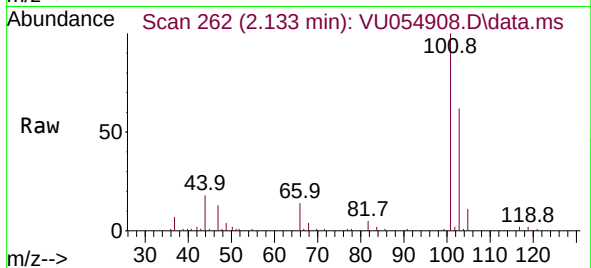




#7
 Trichlorofluoromethane
 Concen: 1.711 ug/l
 RT: 2.133 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

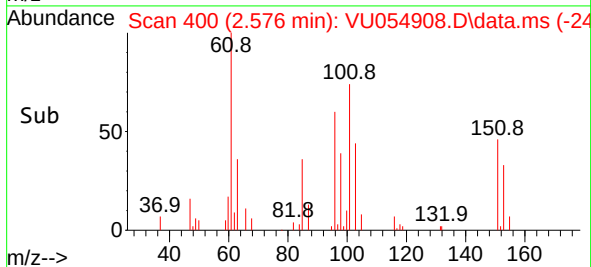
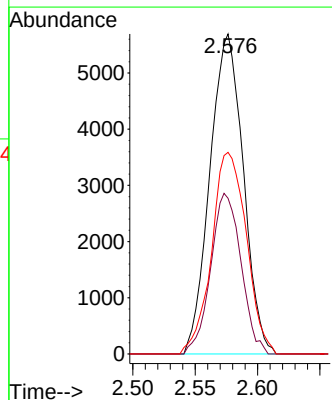
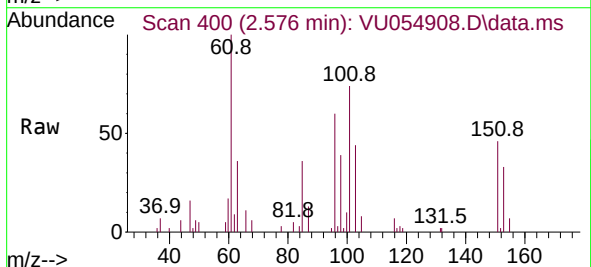
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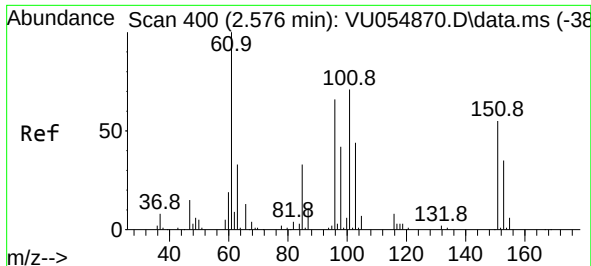
Tgt Ion:101 Resp: 27756
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.9 79.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.021 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Tgt Ion:101 Resp: 10623
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.8 52.2
 151 65.5 60.5 90.7

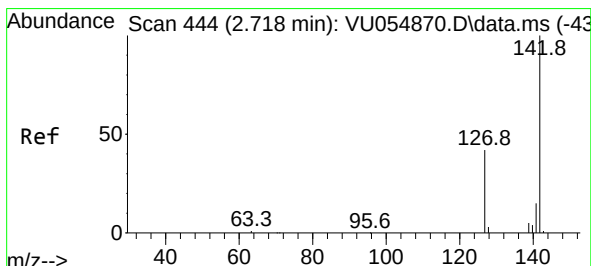
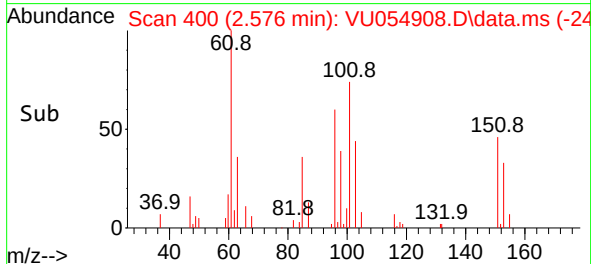
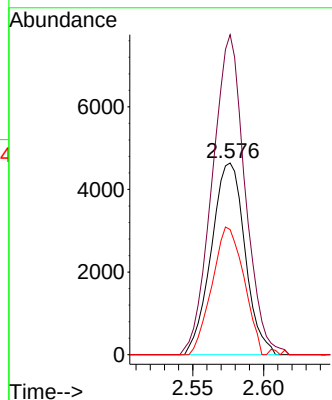
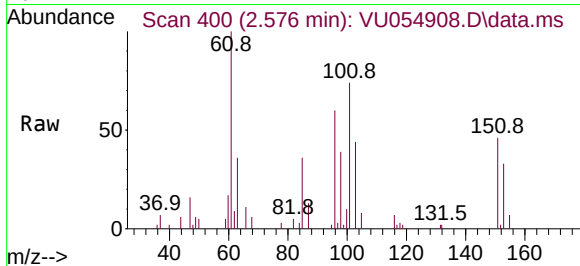




#9
1,1-Dichloroethene
Concen: 1.837 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

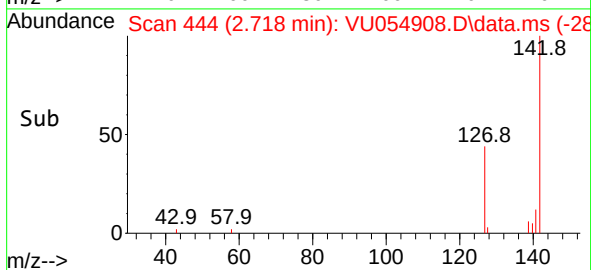
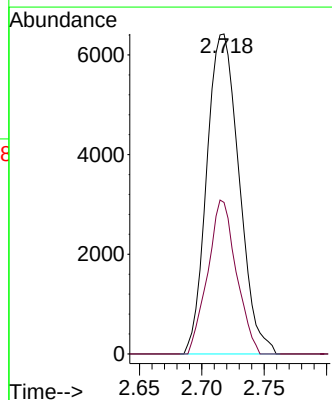
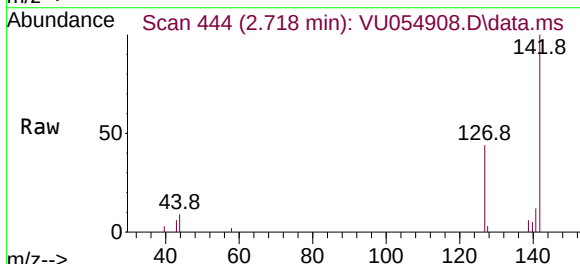
Instrument :
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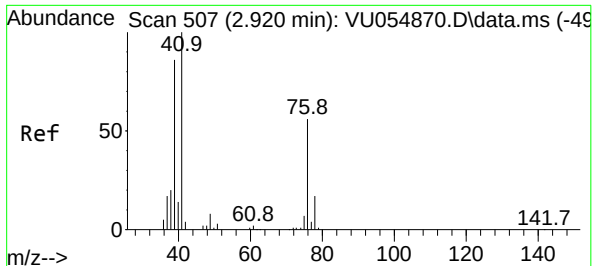
Tgt Ion:	96	Resp:	7663
Ion	Ratio	Lower	Upper
96	100		
61	167.0	0.0	440.1
98	65.3	0.0	121.8



#10
Iodomethane
Concen: 1.780 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:	142	Resp:	11594
Ion	Ratio	Lower	Upper
142	100		
127	42.4	34.3	51.5





#11

Allyl Chloride

Concen: 1.997 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

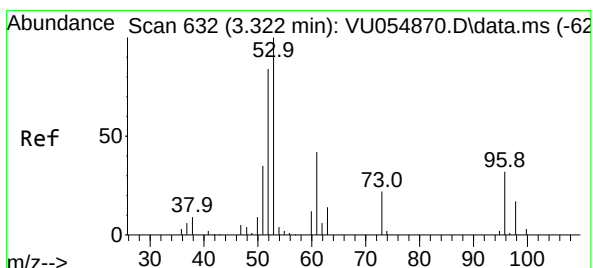
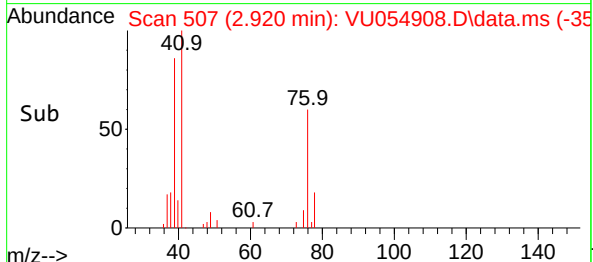
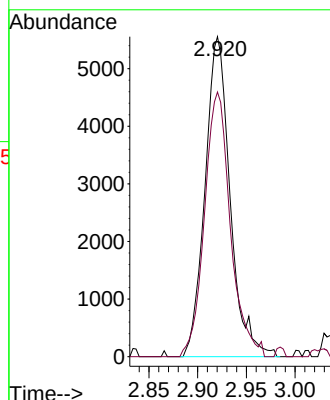
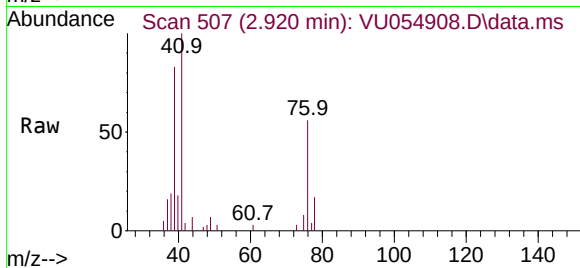
VU0728WBSD01

Tgt Ion: 41 Resp: 9957

Ion Ratio Lower Upper

41 100

39 85.4 70.2 105.2



#12

Acrylonitrile

Concen: 3.761 ug/l

RT: 3.329 min Scan# 634

Delta R.T. 0.007 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

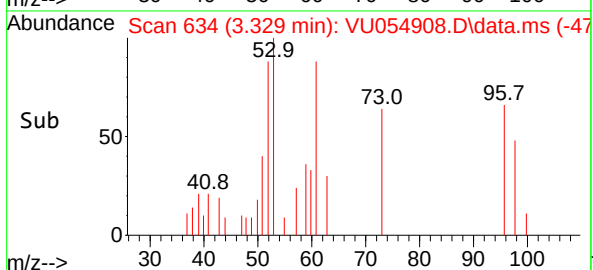
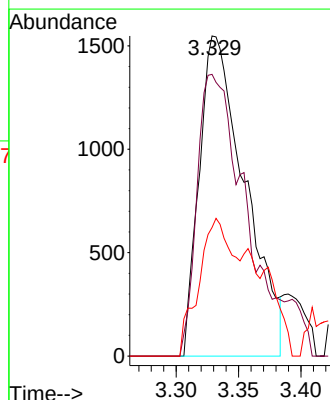
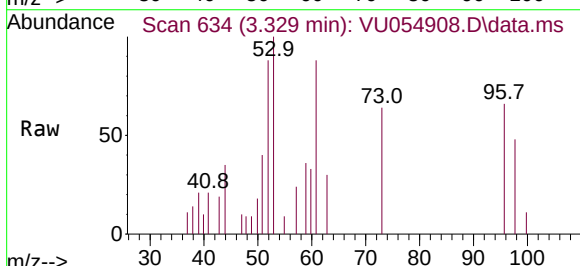
Tgt Ion: 53 Resp: 3938

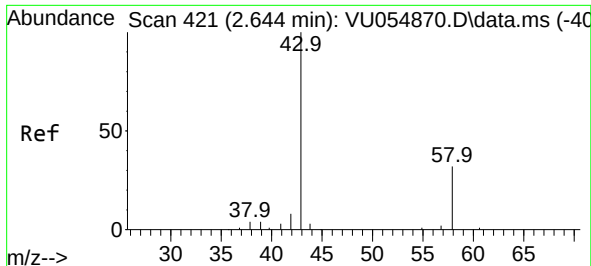
Ion Ratio Lower Upper

53 100

52 92.8 64.2 96.4

51 33.3 33.6 50.4#





#13

Acetone

Concen: 9.970 ug/l

RT: 2.641 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

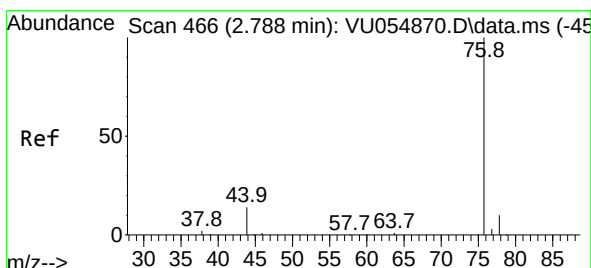
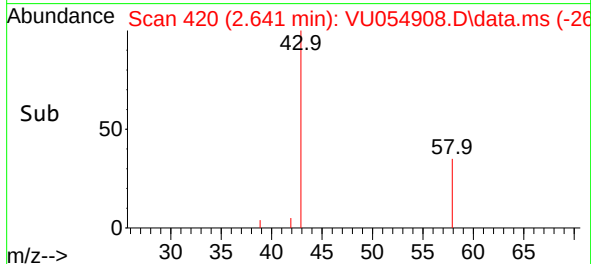
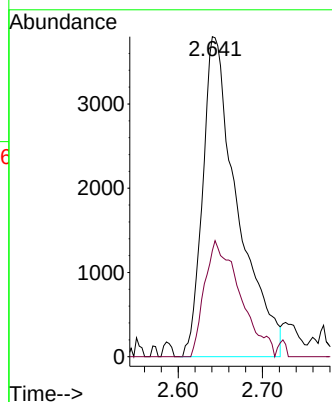
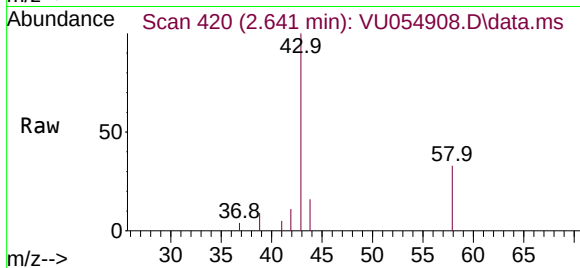
VU0728WBSD01

Tgt Ion: 43 Resp: 10912

Ion Ratio Lower Upper

43 100

58 33.2 30.7 46.1



#14

Carbon Disulfide

Concen: 1.826 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU054908.D

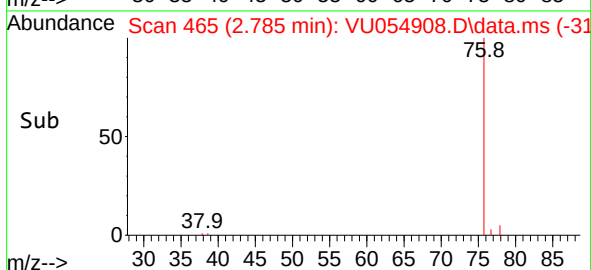
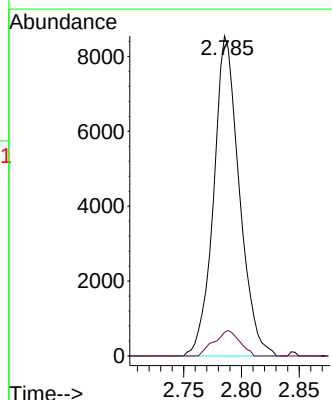
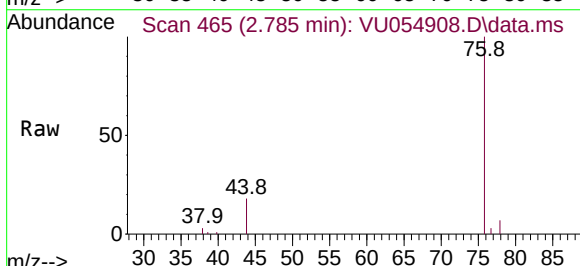
Acq: 28 Jul 2023 12:25

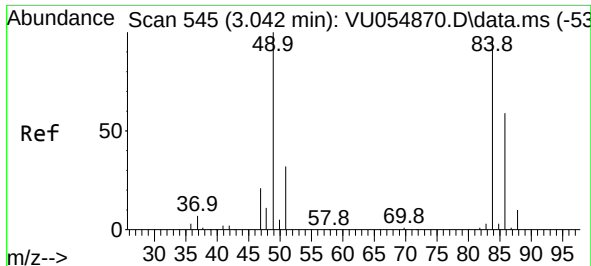
Tgt Ion: 76 Resp: 13197

Ion Ratio Lower Upper

76 100

78 7.2 7.1 10.7

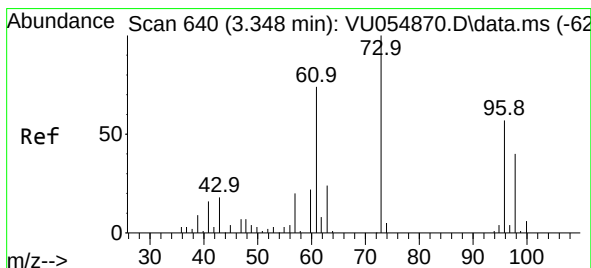
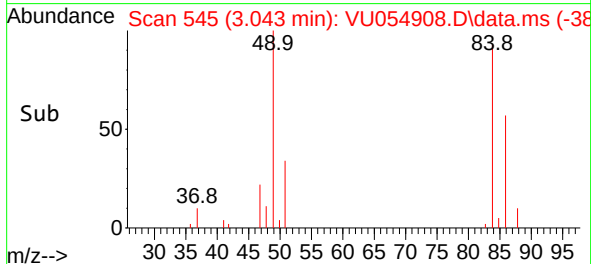
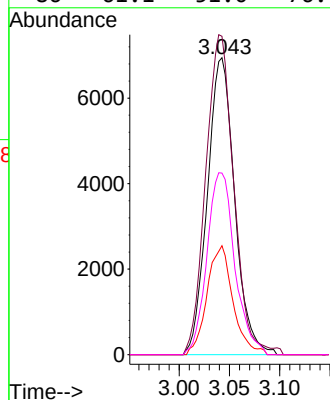
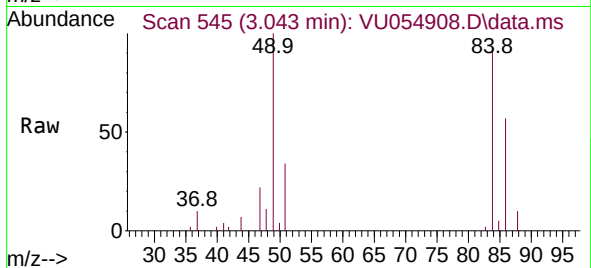




#15
Methylene Chloride
Concen: 2.422 ug/l
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

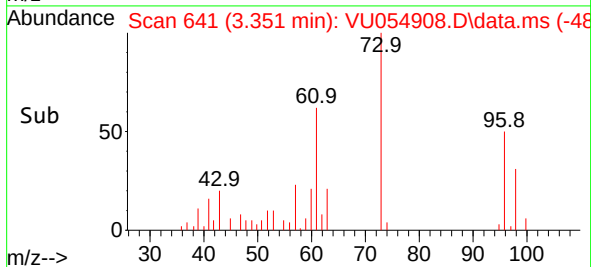
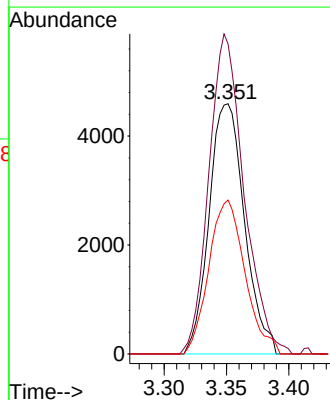
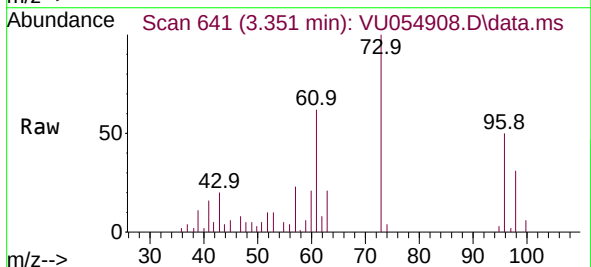
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

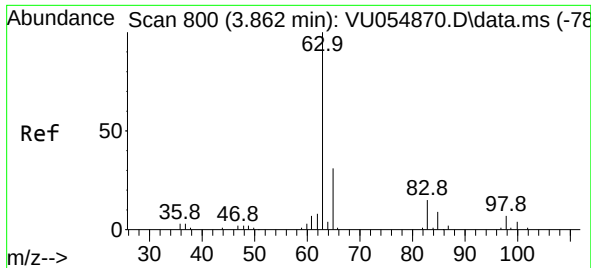
Tgt Ion:	84	Resp:	13103
Ion	Ratio	Lower	Upper
84	100		
49	107.2	87.8	131.6
51	36.7	0.0	68.2
86	61.1	51.0	76.4



#16
trans-1,2-Dichloroethene
Concen: 1.998 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:	96	Resp:	9077
Ion	Ratio	Lower	Upper
96	100		
61	123.9	96.4	144.6
98	61.5	49.3	73.9

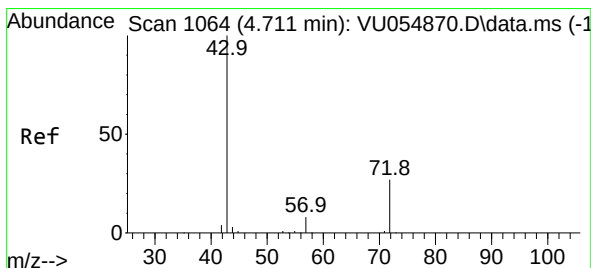
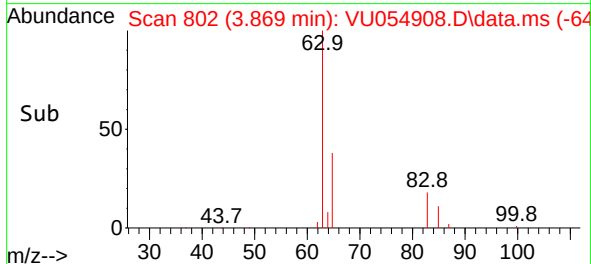
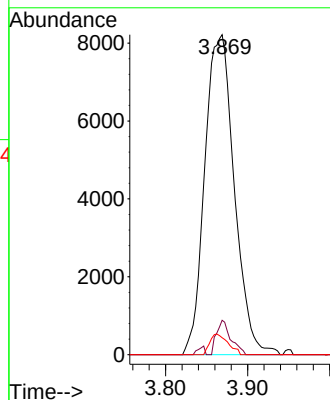
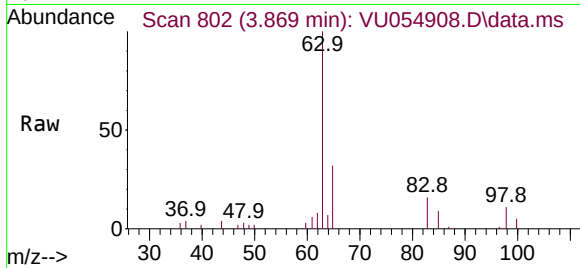




#17
 1,1-Dichloroethane
 Concen: 2.029 ug/l
 RT: 3.869 min Scan# 800
 Delta R.T. 0.007 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

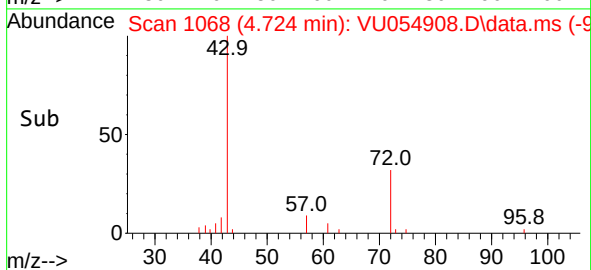
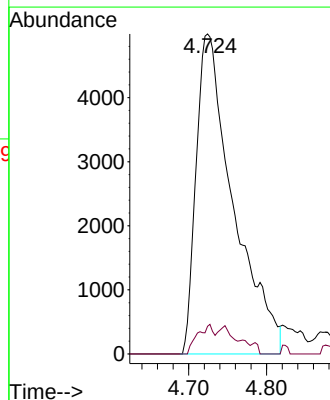
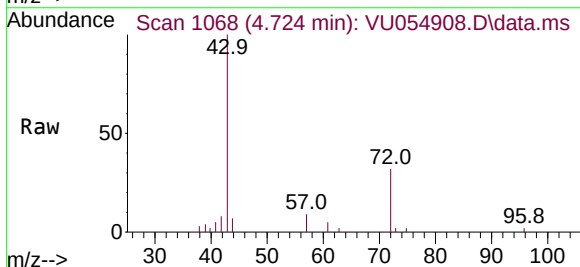
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01

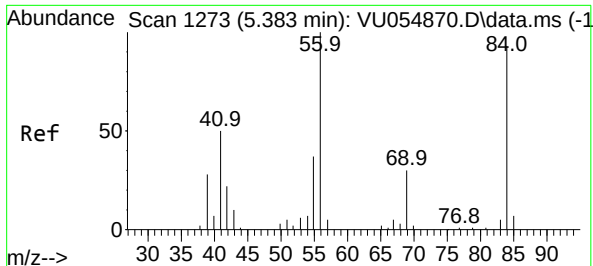
Tgt Ion:	63	Resp:	20611
Ion Ratio	Lower	Upper	
63	100		
98	10.7	3.6	10.8
100	5.3	2.8	8.4



#18
 2-Butanone
 Concen: 11.953 ug/l
 RT: 4.724 min Scan# 1068
 Delta R.T. 0.013 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Tgt Ion:	43	Resp:	16502
Ion Ratio	Lower	Upper	
43	100		
57	9.0	0.0	20.8





#19

Cyclohexane

Concen: 1.967 ug/l

RT: 5.390 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

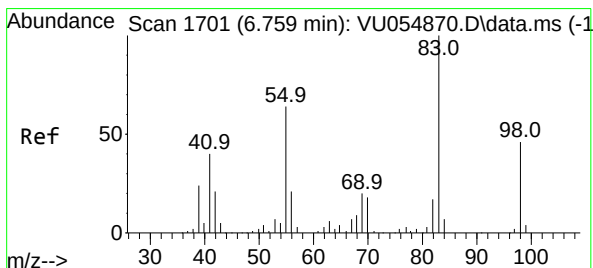
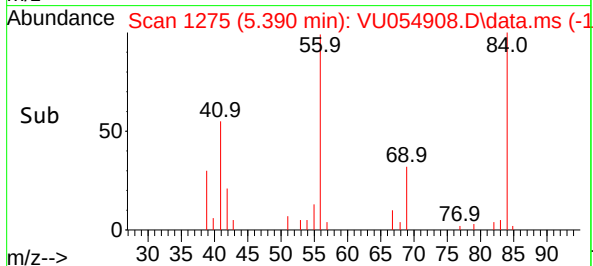
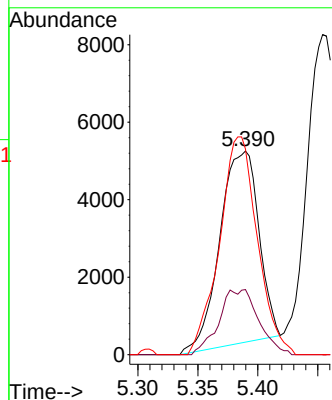
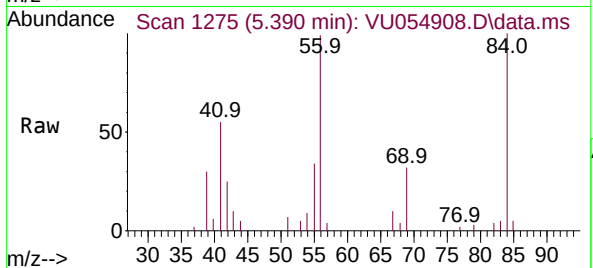
Tgt Ion: 56 Resp: 11242

Ion Ratio Lower Upper

56 100

69 17.6 24.7 37.1#

84 110.2 76.5 114.7



#20

Methylcyclohexane

Concen: 2.048 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

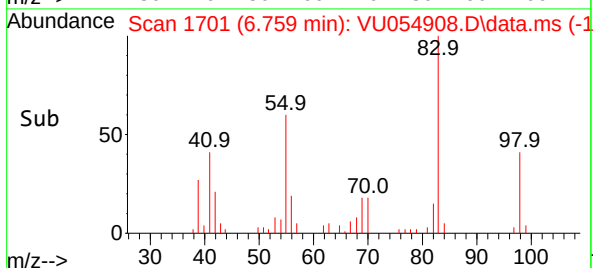
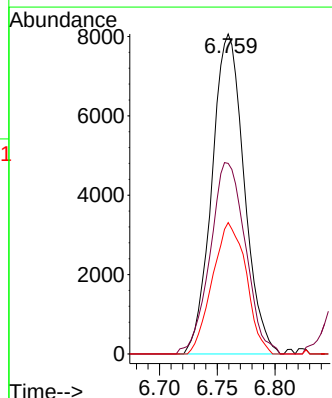
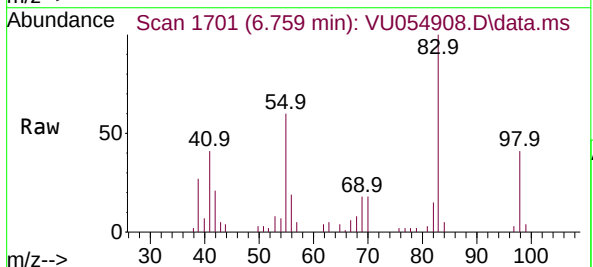
Tgt Ion: 83 Resp: 15652

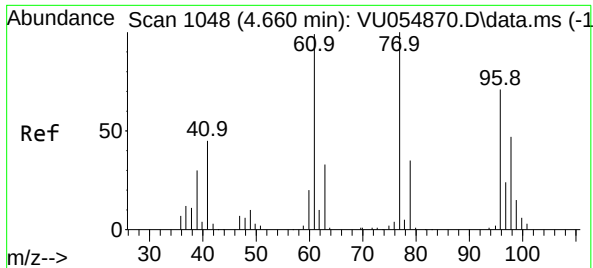
Ion Ratio Lower Upper

83 100

55 65.3 51.6 77.4

98 43.0 38.2 57.2





#21

2,2-Dichloropropane

Concen: 1.852 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

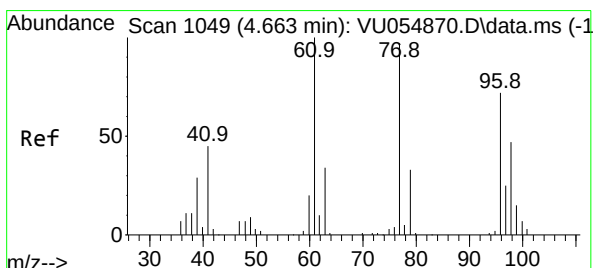
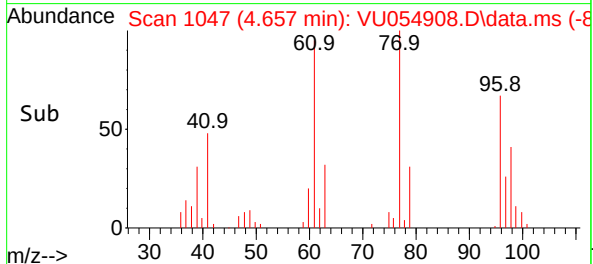
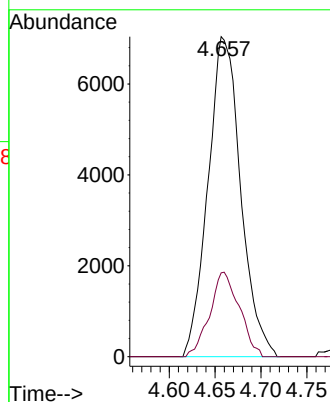
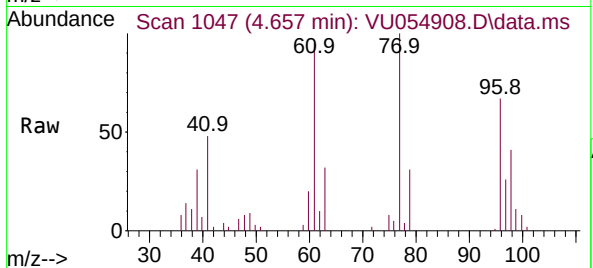
VU0728WBSD01

Tgt Ion: 77 Resp: 17444

Ion Ratio Lower Upper

77 100

97 23.9 18.0 27.0



#22

cis-1,2-Dichloroethene

Concen: 2.015 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

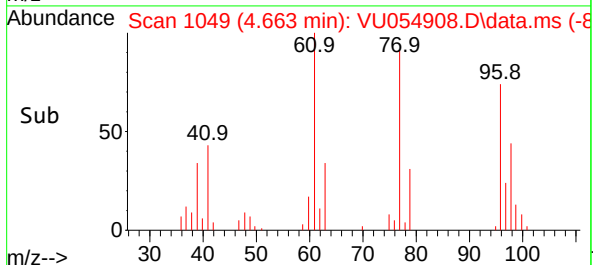
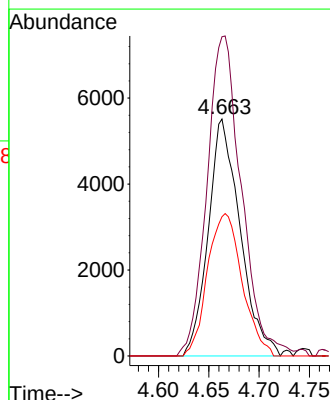
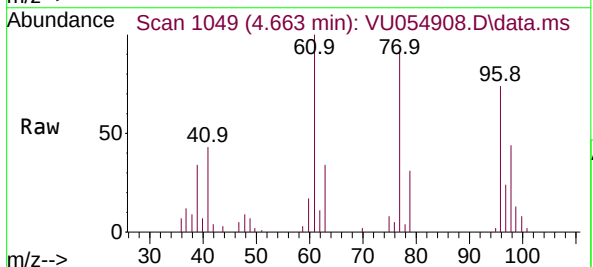
Tgt Ion: 96 Resp: 12165

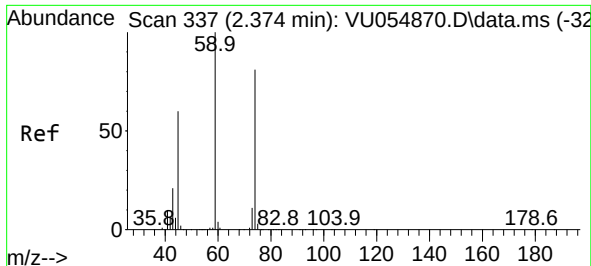
Ion Ratio Lower Upper

96 100

61 145.7 0.0 332.0

98 65.2 32.5 97.5

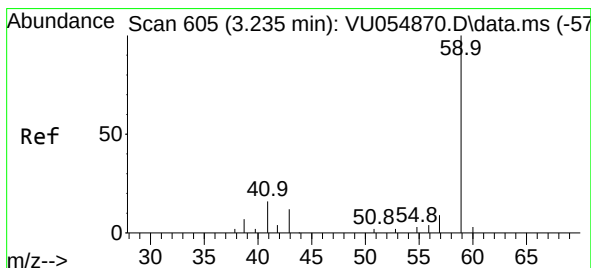
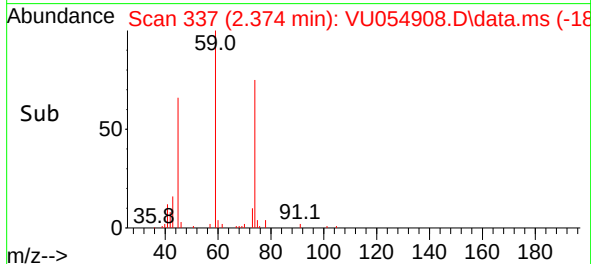
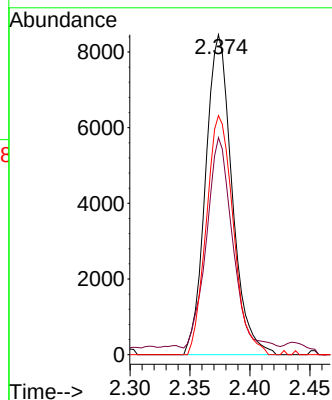
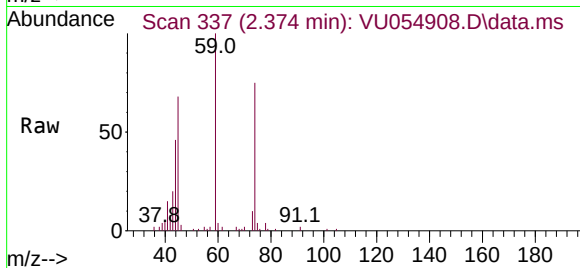




#23
Diethyl Ether
Concen: 2.116 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

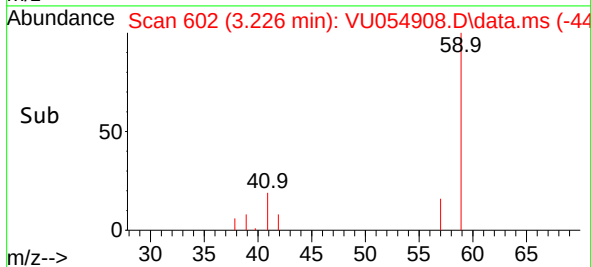
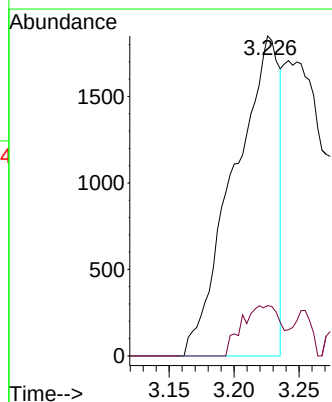
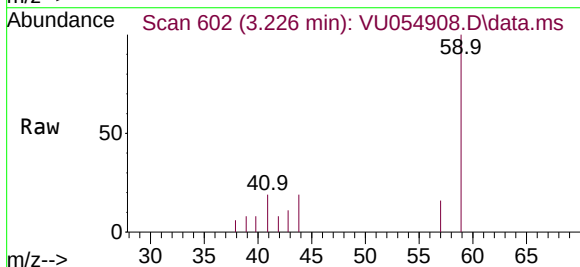
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

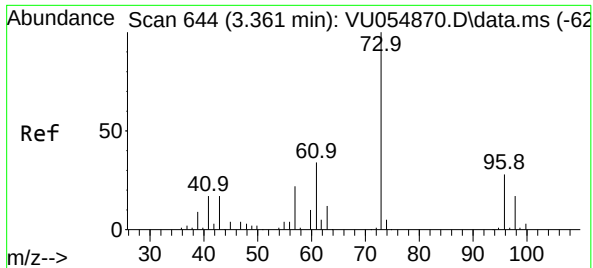
Tgt Ion: 59 Resp: 13023
Ion Ratio Lower Upper
59 100
45 66.2 51.4 77.0
74 76.0 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 7.844 ug/l
RT: 3.226 min Scan# 602
Delta R.T. -0.009 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 59 Resp: 4492
Ion Ratio Lower Upper
59 100
57 13.1 2.2 3.2#

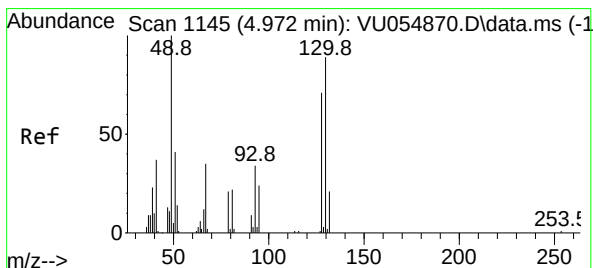
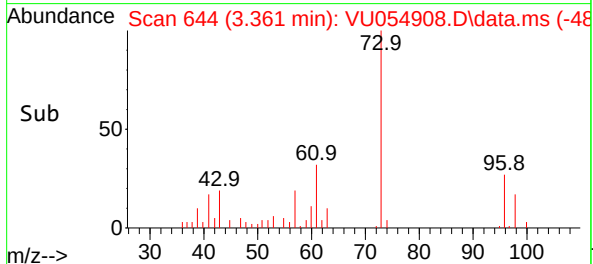
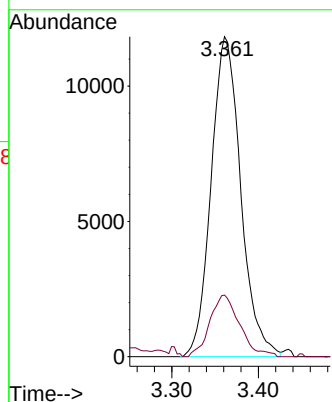
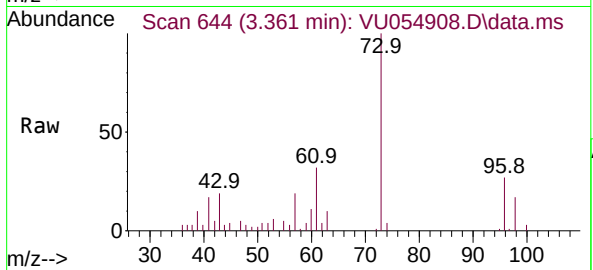




#25
Methyl tert-Butyl Ether
Concen: 2.176 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

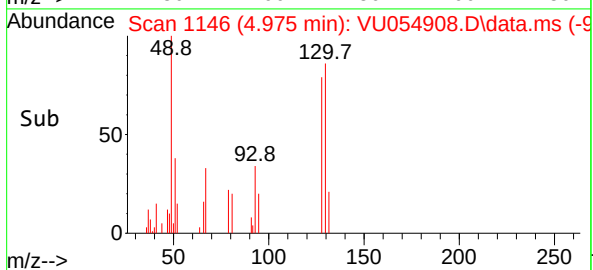
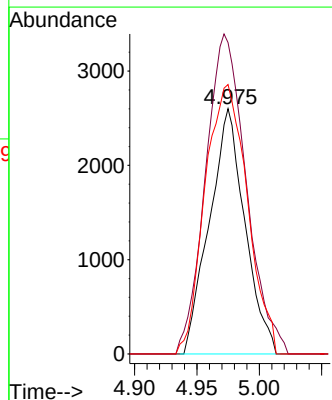
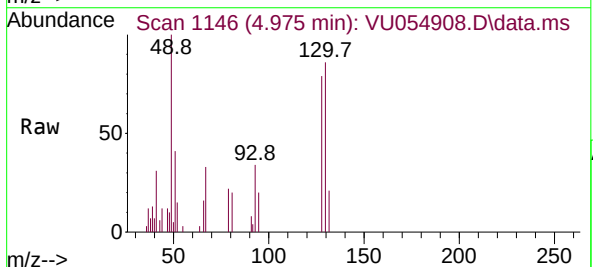
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

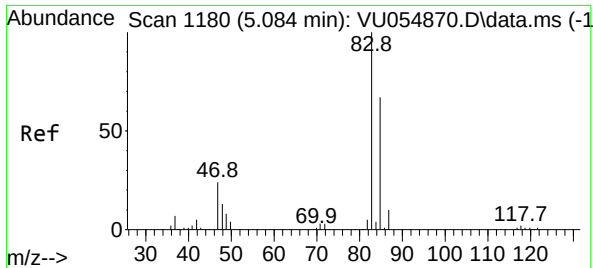
Tgt Ion: 73 Resp: 28089
Ion Ratio Lower Upper
73 100
43 19.5 14.6 22.0



#26
Bromochloromethane
Concen: 2.080 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 128 Resp: 5150
Ion Ratio Lower Upper
128 100
49 149.4 0.0 304.0
130 131.1 104.3 156.5





#27

Chloroform

Concen: 2.081 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

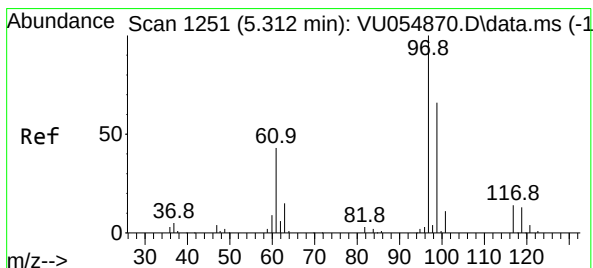
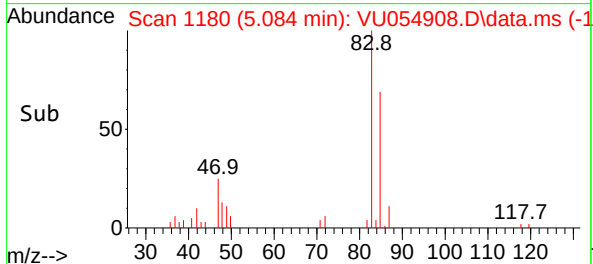
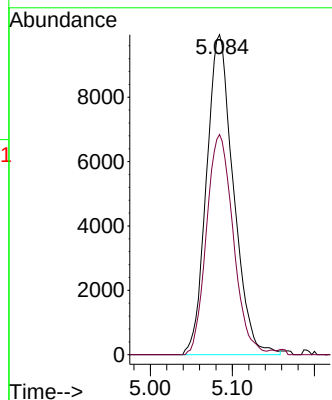
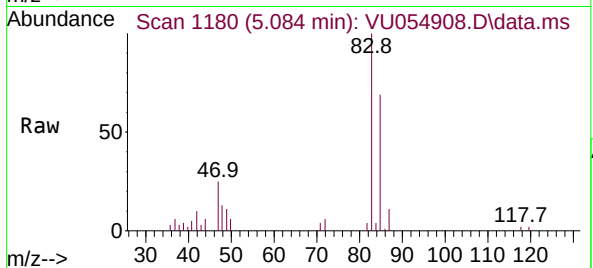
VU0728WBSD01

Tgt Ion: 83 Resp: 22708

Ion Ratio Lower Upper

83 100

85 68.8 0.0 135.2



#28

1,1,1-Trichloroethane

Concen: 1.921 ug/l

RT: 5.313 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

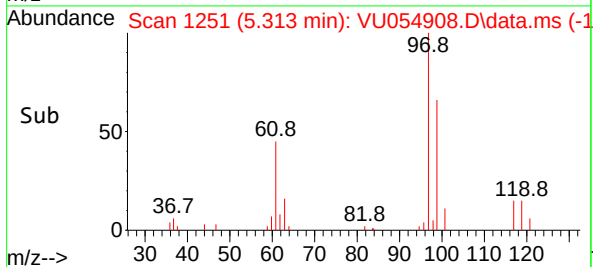
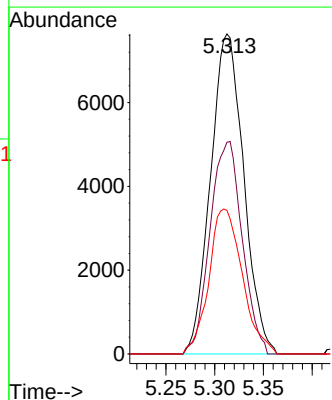
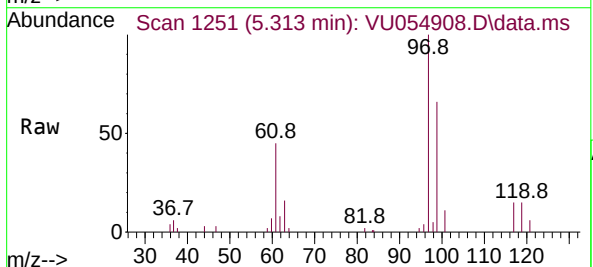
Tgt Ion: 97 Resp: 18105

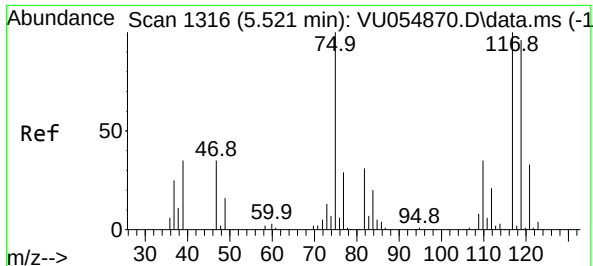
Ion Ratio Lower Upper

97 100

99 64.3 32.0 96.2

61 45.7 21.0 63.0





#29

1,1-Dichloropropene

Concen: 1.960 ug/l

RT: 5.525 min Scan# 1317

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

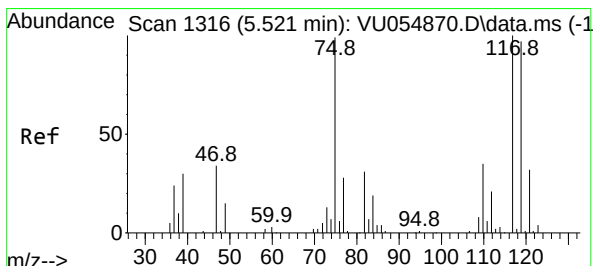
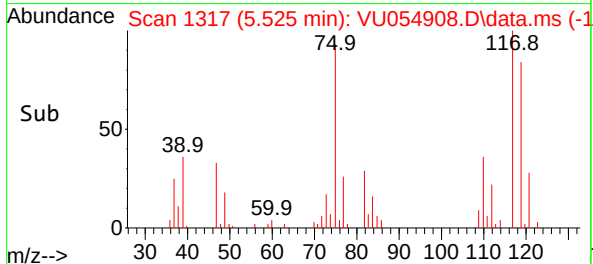
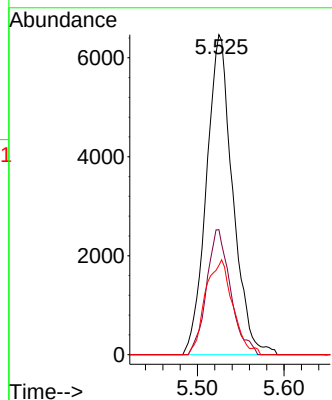
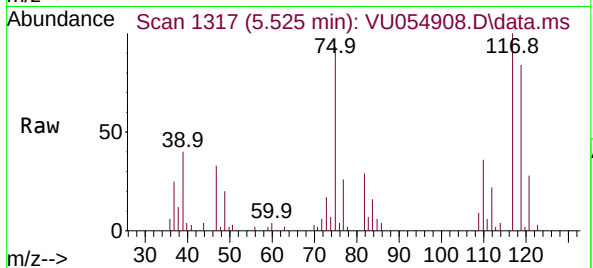
Tgt Ion: 75 Resp: 13624

Ion Ratio Lower Upper

75 100

110 35.6 18.5 55.5

77 30.7 24.9 37.3



#30

Carbon Tetrachloride

Concen: 1.901 ug/l

RT: 5.525 min Scan# 1317

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

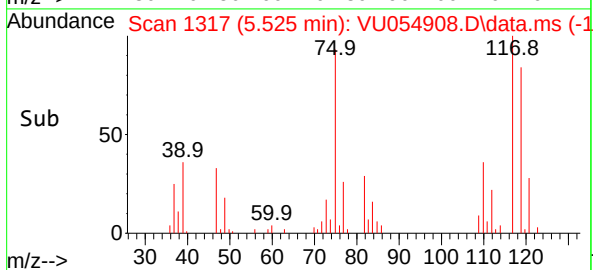
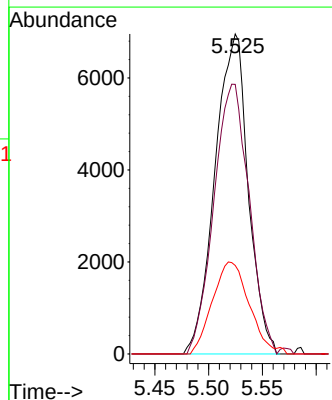
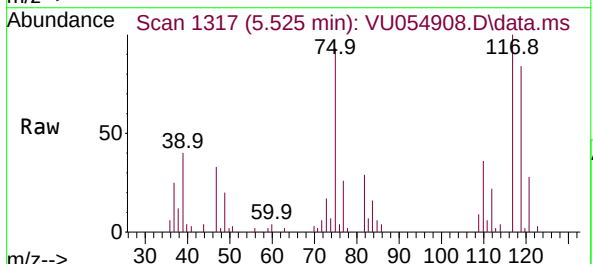
Tgt Ion: 117 Resp: 14952

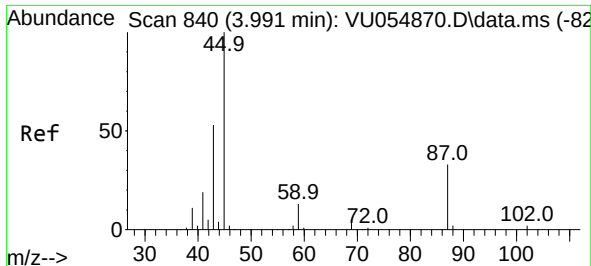
Ion Ratio Lower Upper

117 100

119 85.8 75.6 113.4

121 27.6 23.4 35.0

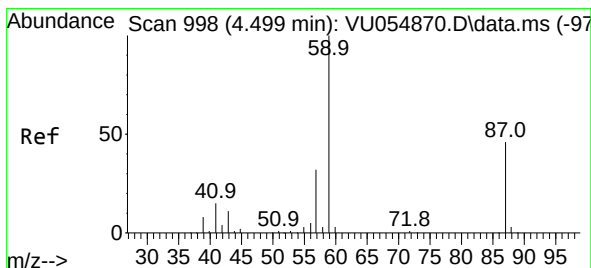
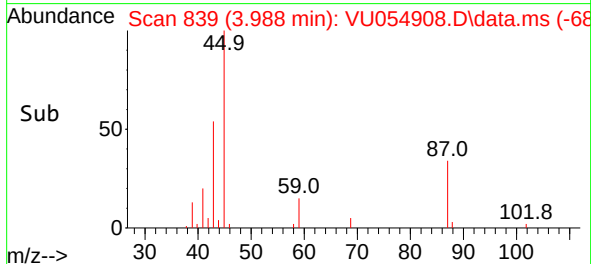
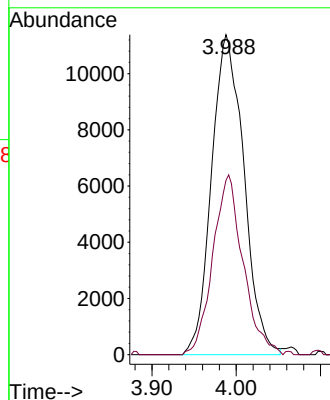
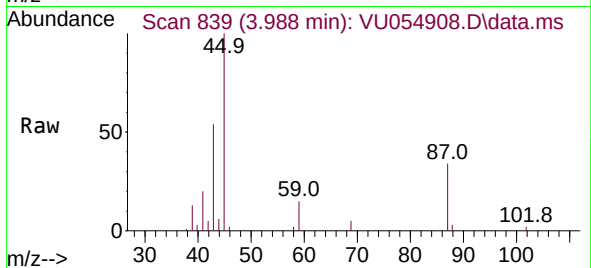




#31
Isopropyl Ether
Concen: 2.019 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

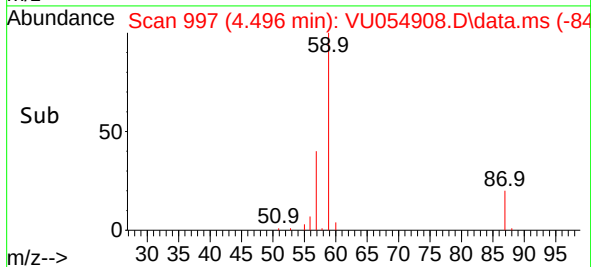
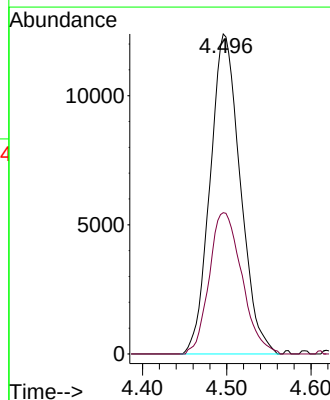
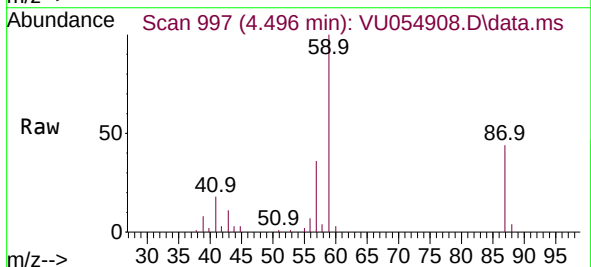
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

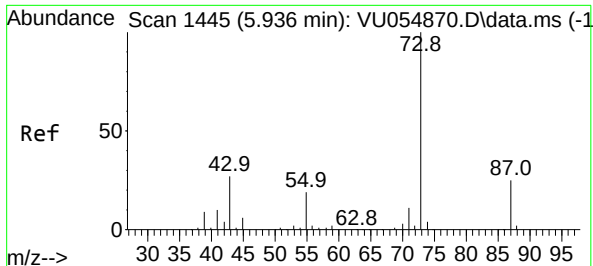
Tgt Ion: 45 Resp: 30274
Ion Ratio Lower Upper
45 100
43 52.5 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 1.996 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 59 Resp: 30810
Ion Ratio Lower Upper
59 100
87 47.7 35.7 53.5

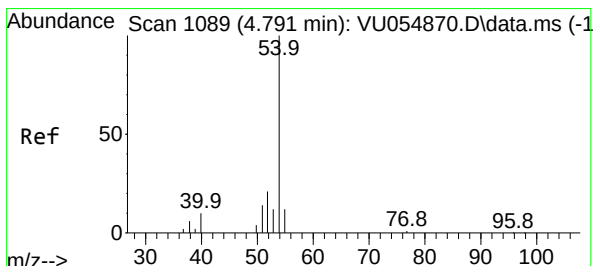
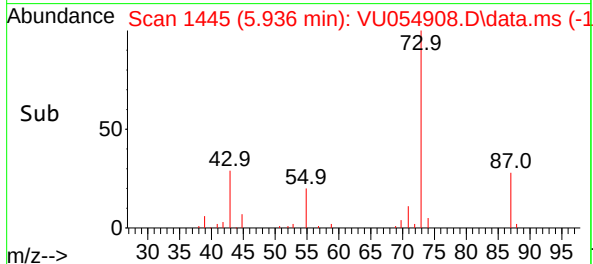
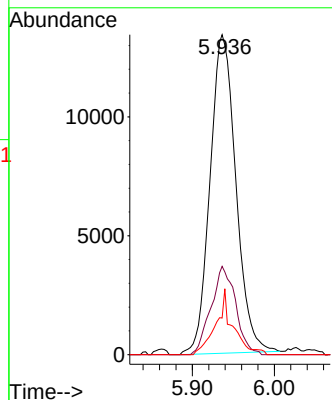
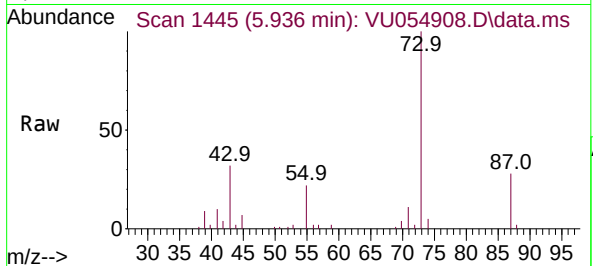




#33
Tert-Amyl methyl ether
Concen: 2.013 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

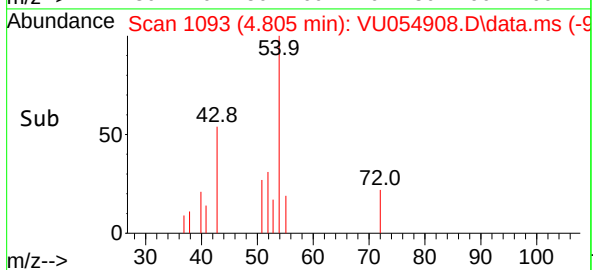
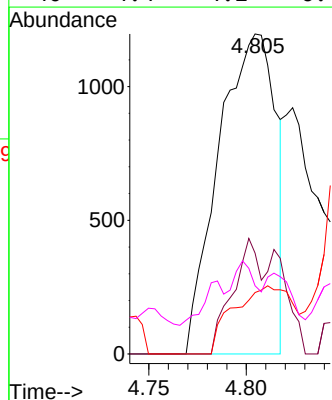
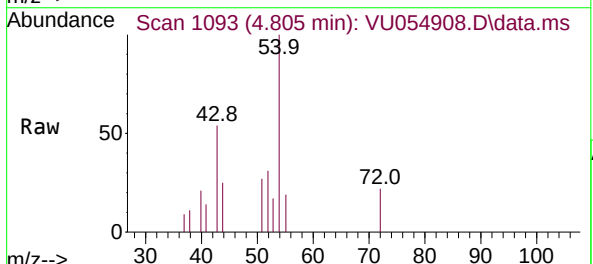
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

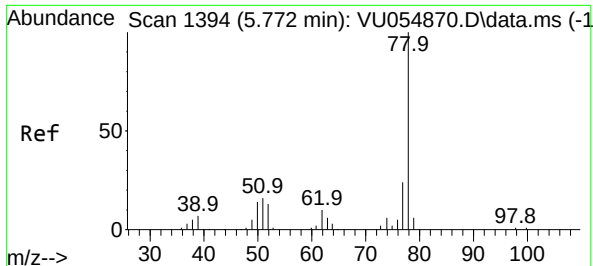
Tgt Ion:	73	Resp:	29387
Ion	Ratio	Lower	Upper
73	100		
87	26.4	19.6	29.4
71	13.5	9.1	13.7



#34
Propionitrile
Concen: 6.387 ug/l
RT: 4.805 min Scan# 1093
Delta R.T. 0.013 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:	54	Resp:	2431
Ion	Ratio	Lower	Upper
54	100		
52	17.4	13.8	20.8
55	0.0	4.8	7.2
40	4.4	4.2	6.4

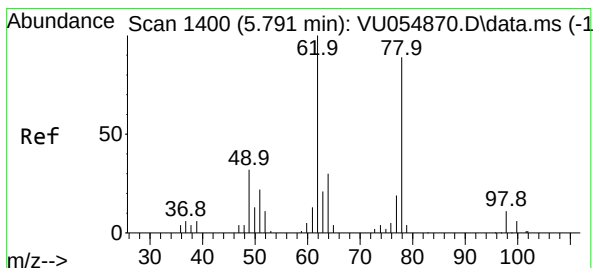
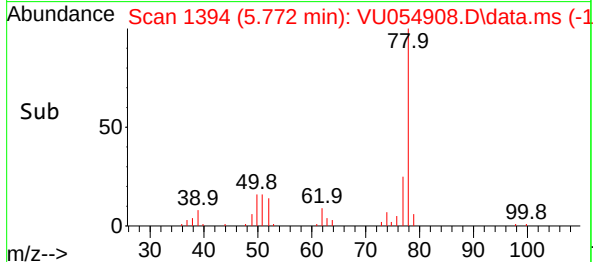
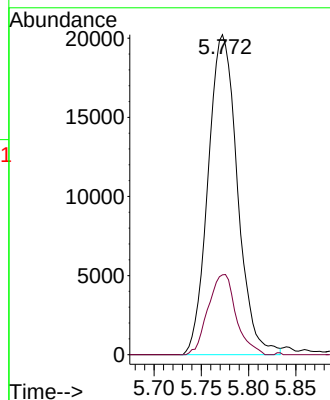
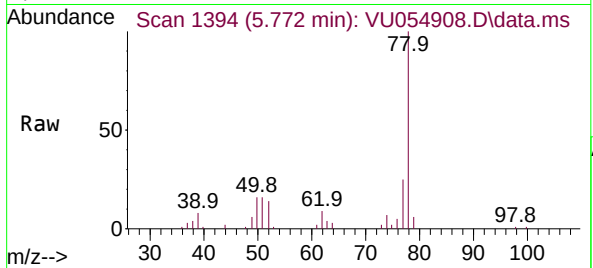




#35
Benzene
Concen: 2.005 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

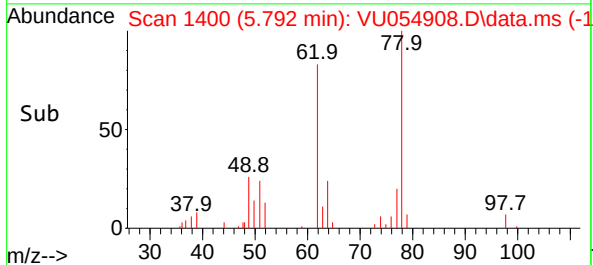
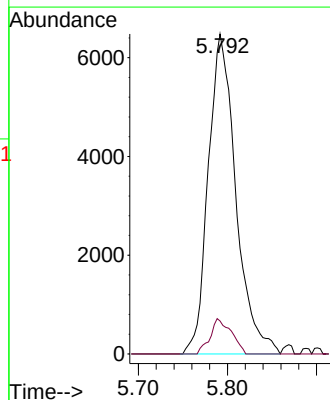
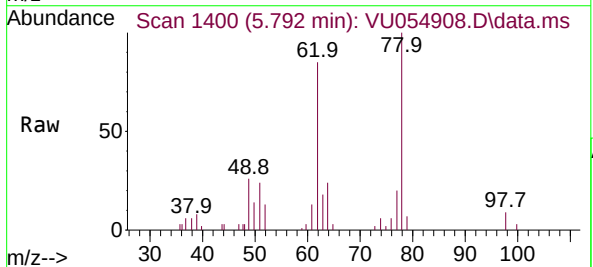
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

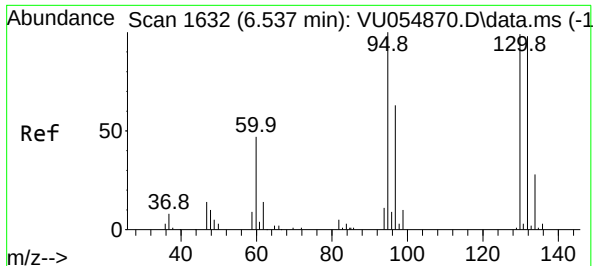
Tgt Ion: 78 Resp: 43649
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.2



#36
1,2-Dichloroethane
Concen: 2.254 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 62 Resp: 13956
Ion Ratio Lower Upper
62 100
98 8.5 7.8 11.8





#37

Trichloroethene

Concen: 2.038 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

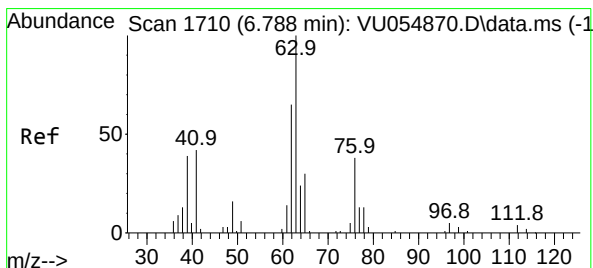
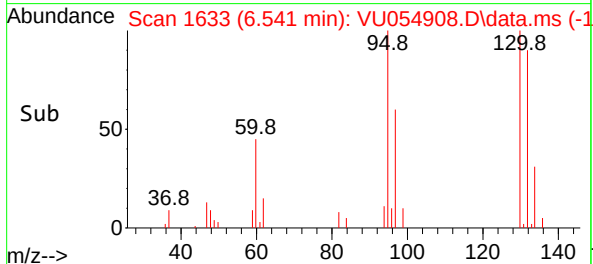
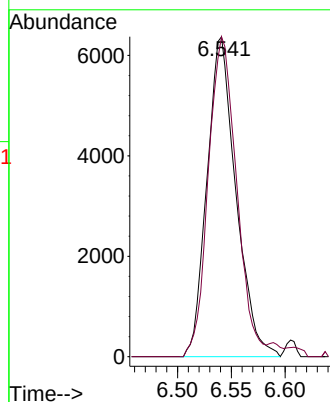
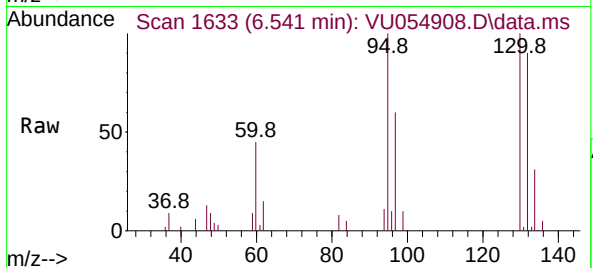
VU0728WBSD01

Tgt Ion:130 Resp: 11933

Ion Ratio Lower Upper

130 100

95 100.1 76.8 115.2



#38

1,2-Dichloropropane

Concen: 2.120 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.003 min

Lab File: VU054908.D

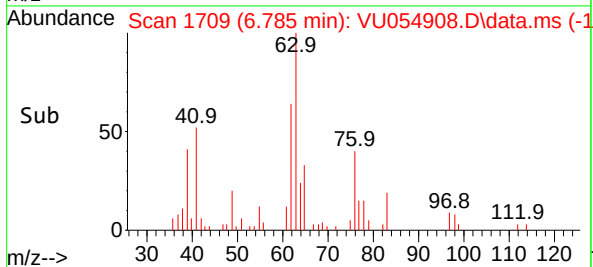
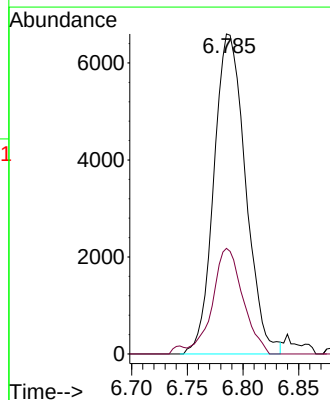
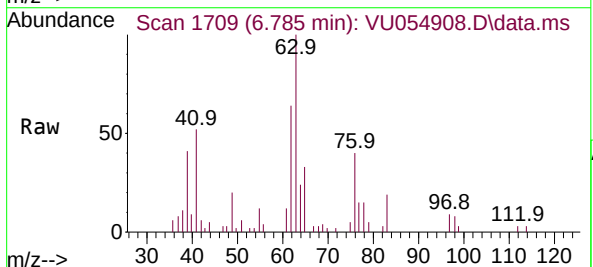
Acq: 28 Jul 2023 12:25

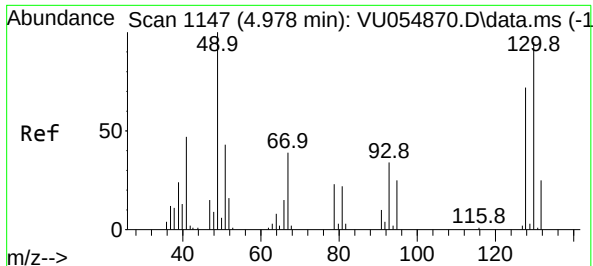
Tgt Ion: 63 Resp: 13046

Ion Ratio Lower Upper

63 100

65 33.0 24.3 36.5





#39

Methacrylonitrile

Concen: 1.720 ug/l

RT: 4.981 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VU054908.D

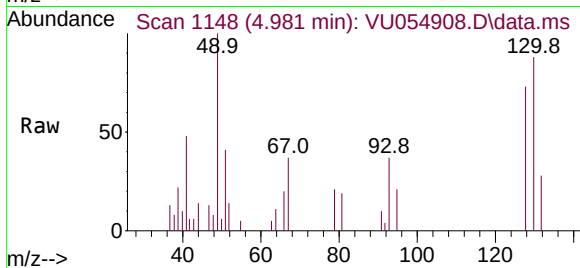
Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01



Tgt Ion: 41 Resp: 2625

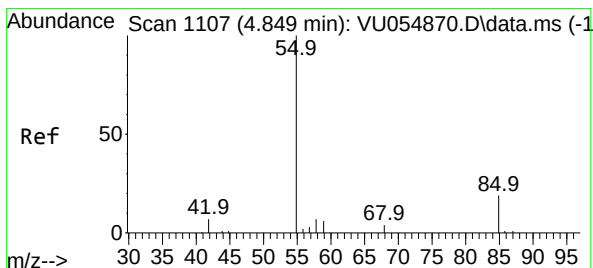
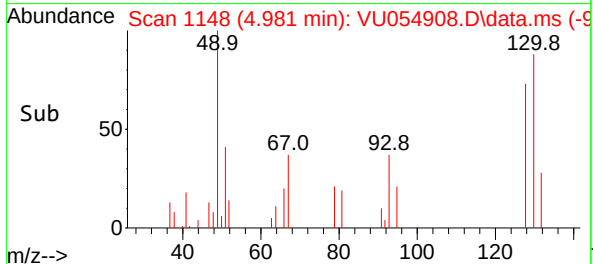
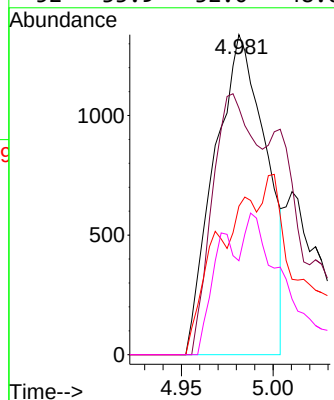
Ion Ratio Lower Upper

41 100

67 70.4 77.0 115.4#

39 7.4 50.4 75.6#

52 33.9 32.0 48.0



#40

Methyl acrylate

Concen: 1.825 ug/l

RT: 4.859 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Tgt Ion: 55 Resp: 4428

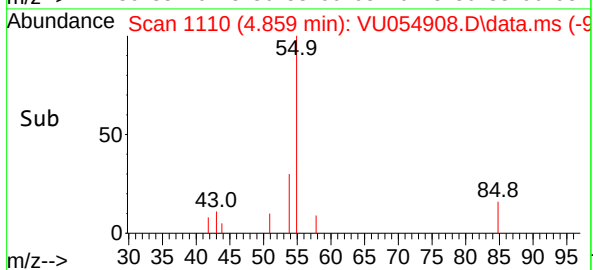
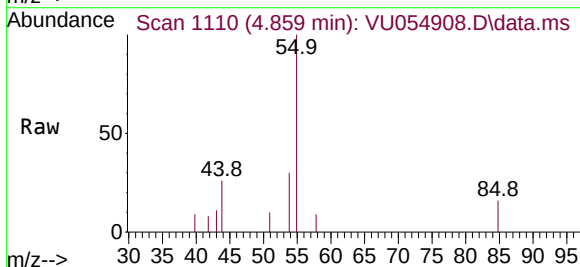
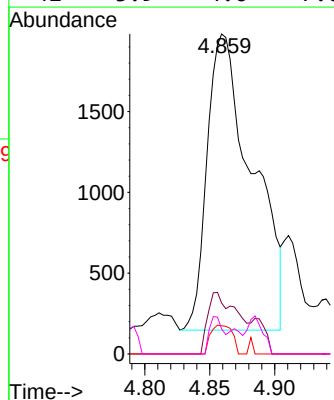
Ion Ratio Lower Upper

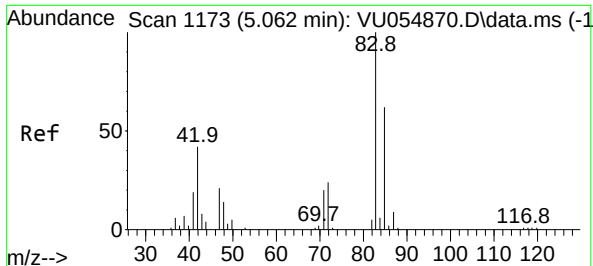
55 100

85 13.3 13.0 19.6

58 4.6 5.7 8.5#

42 3.9 4.6 7.0#





#41

Tetrahydrofuran

Concen: 4.712 ug/l

RT: 5.065 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

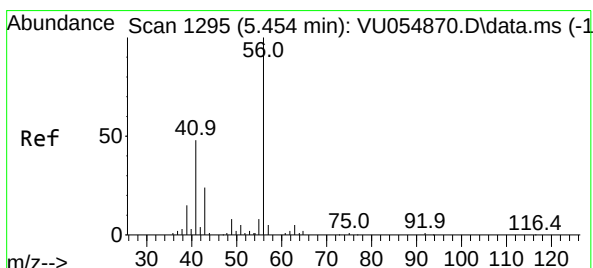
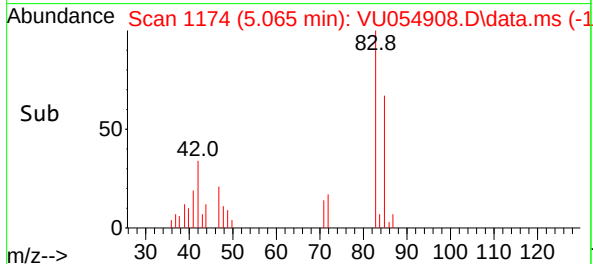
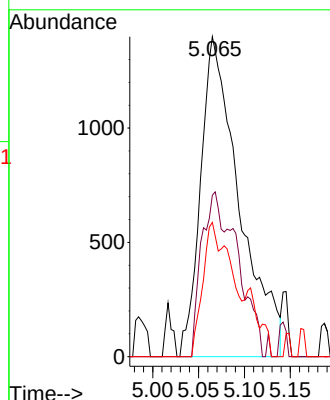
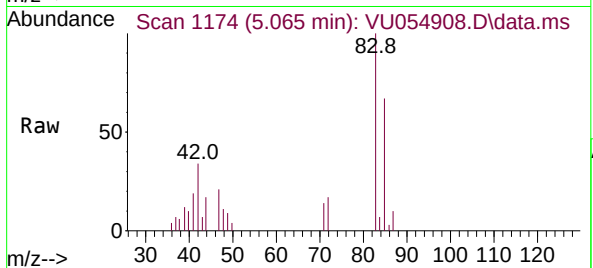
Tgt Ion: 42 Resp: 4111

Ion Ratio Lower Upper

42 100

72 27.8 42.1 63.1#

71 30.5 39.7 59.5#



#42

1-Chlorobutane

Concen: 1.914 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VU054908.D

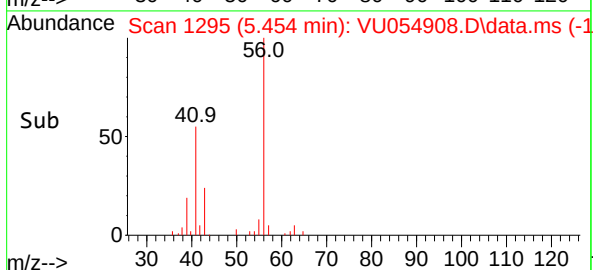
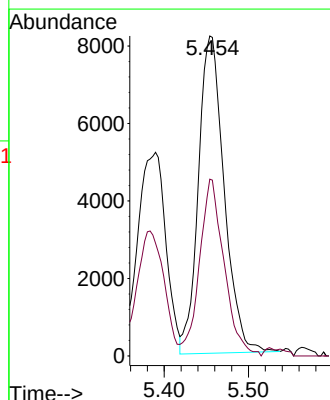
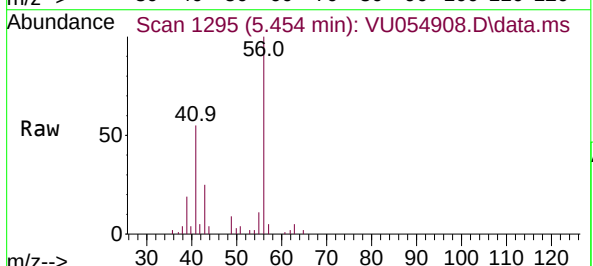
Acq: 28 Jul 2023 12:25

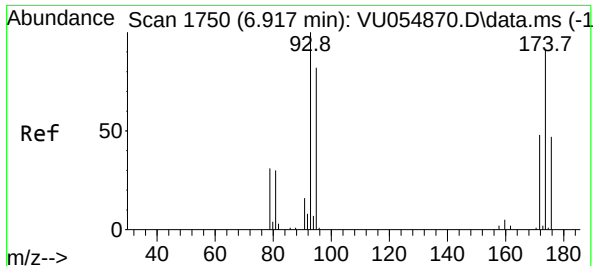
Tgt Ion: 56 Resp: 17418

Ion Ratio Lower Upper

56 100

41 53.1 23.9 71.7

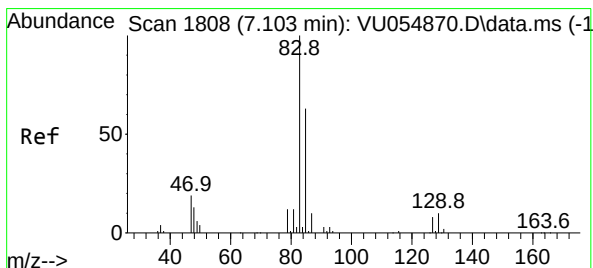
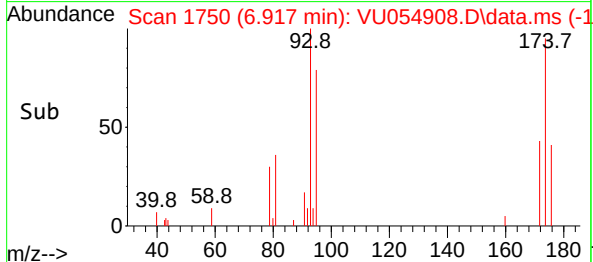
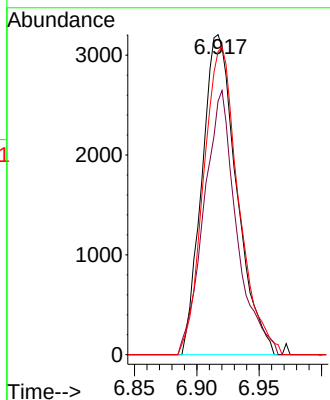
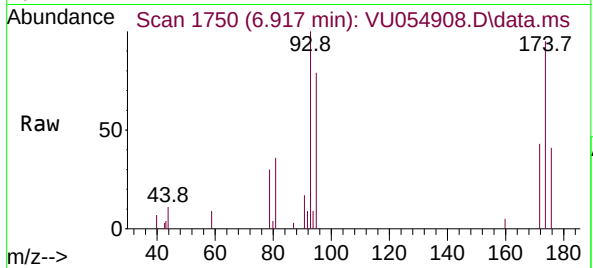




#43
Dibromomethane
Concen: 2.146 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

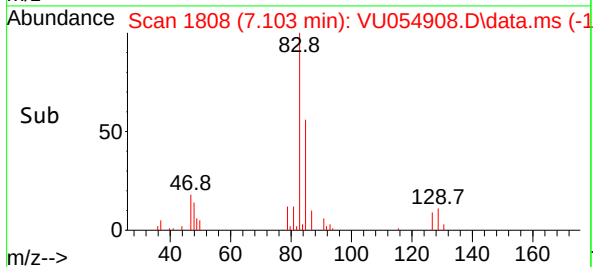
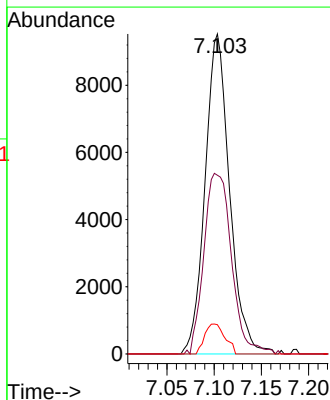
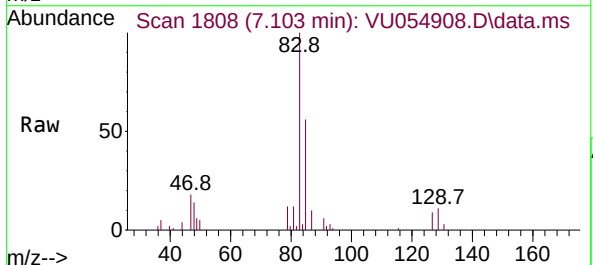
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

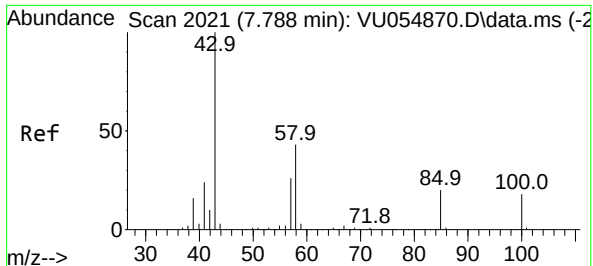
Tgt Ion: 93 Resp: 6201
Ion Ratio Lower Upper
93 100
95 77.8 64.7 97.1
174 97.2 74.4 111.6



#44
Bromodichloromethane
Concen: 2.134 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 83 Resp: 17187
Ion Ratio Lower Upper
83 100
85 55.9 52.2 78.2
127 9.1 6.1 9.1#

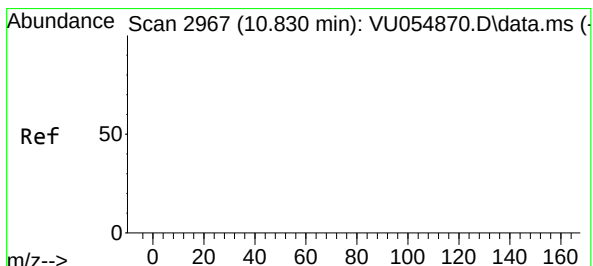
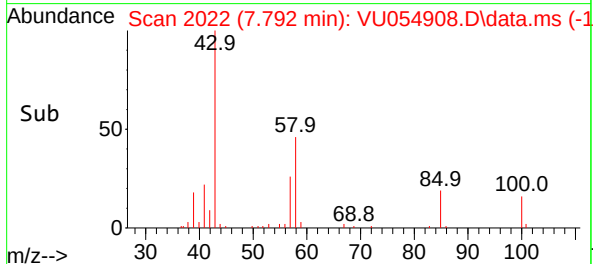
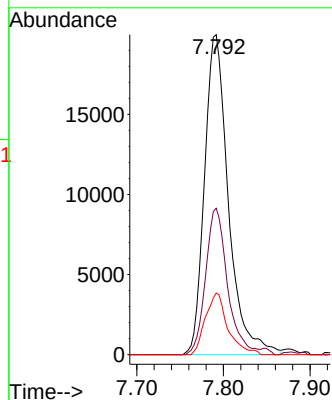
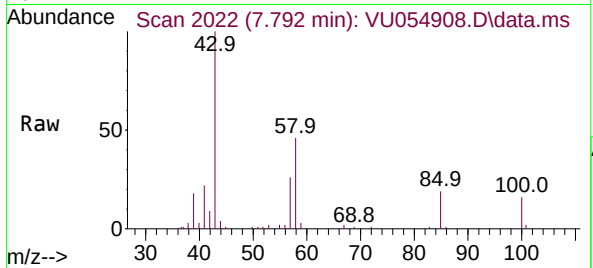




#45
4-Methyl-2-Pentanone
Concen: 11.366 ug/l
RT: 7.792 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

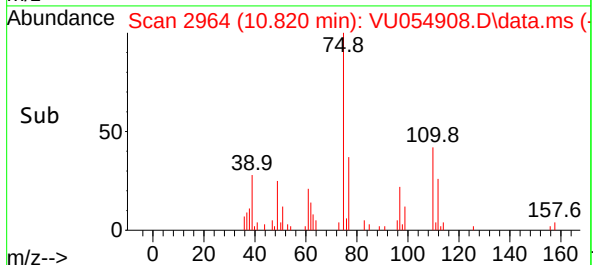
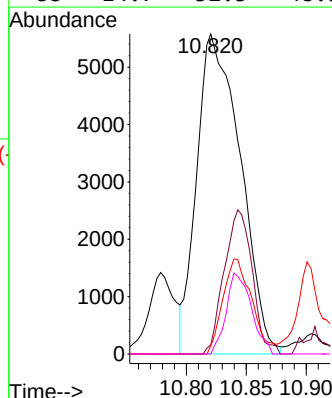
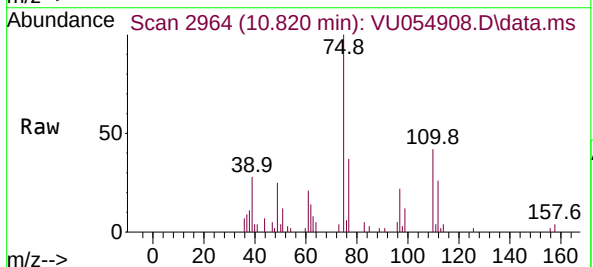
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

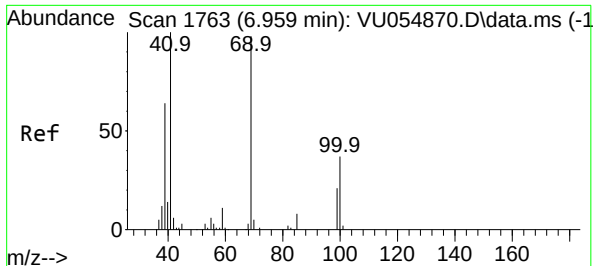
Tgt Ion: 43 Resp: 38329
Ion Ratio Lower Upper
43 100
58 42.0 21.3 63.7
85 18.0 15.3 22.9



#46
t-1,4-Dichloro-2-butene
Concen: 10.355 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.009 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 75 Resp: 14050
Ion Ratio Lower Upper
75 100
53 29.0 62.9 94.3#
89 19.8 47.8 71.8#
88 14.7 32.3 48.5#





#47

Methyl methacrylate

Concen: 4.509 ug/l

RT: 6.962 min Scan# 11913

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

Tgt Ion: 69 Resp: 11913

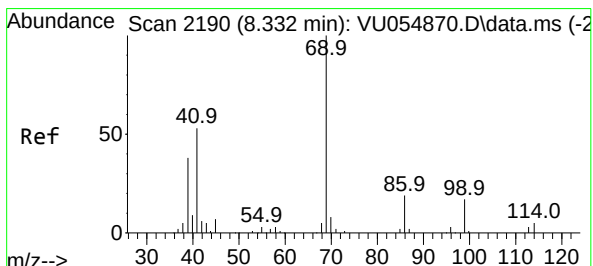
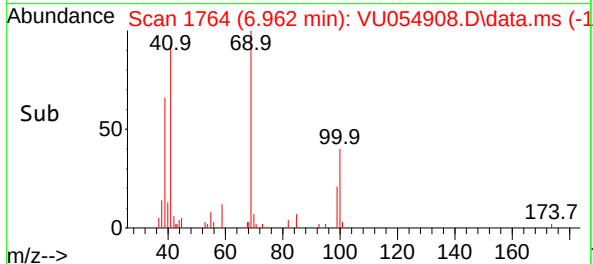
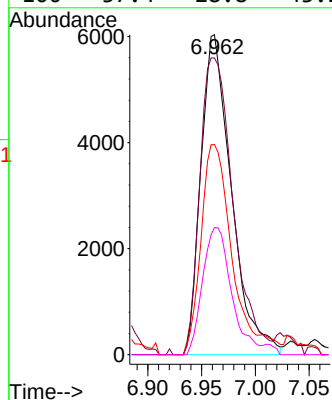
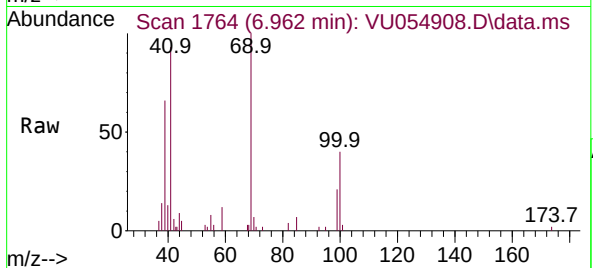
Ion Ratio Lower Upper

69 100

41 101.1 0.0 193.0

39 67.5 50.4 75.6

100 37.4 28.8 43.2



#48

Ethyl methacrylate

Concen: 2.201 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU054908.D

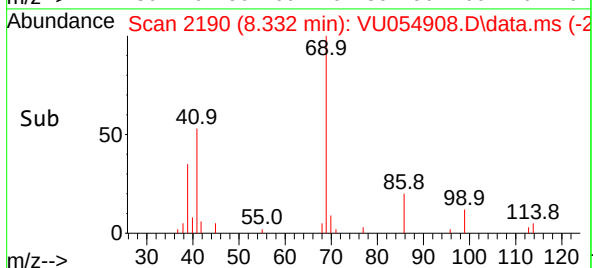
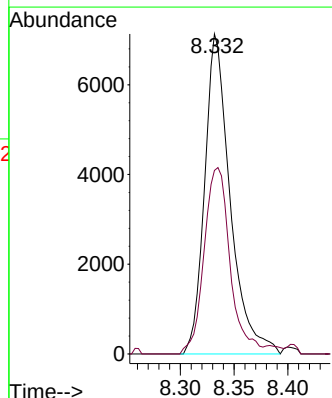
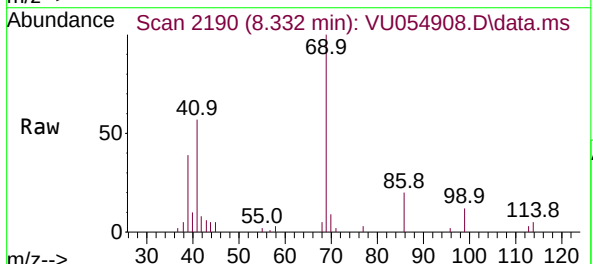
Acq: 28 Jul 2023 12:25

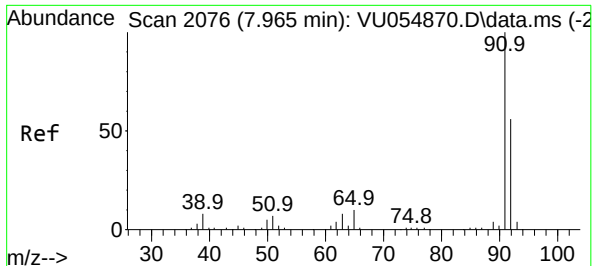
Tgt Ion: 69 Resp: 11765

Ion Ratio Lower Upper

69 100

41 59.3 28.8 86.5





#49

Toluene

Concen: 2.011 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

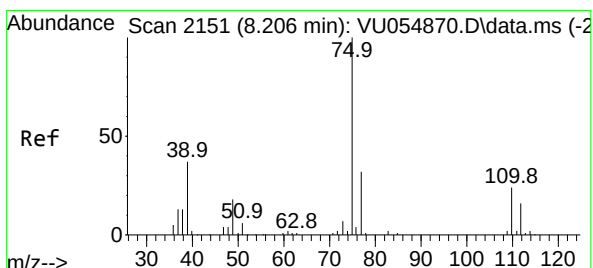
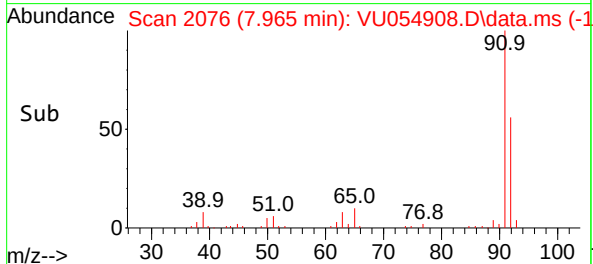
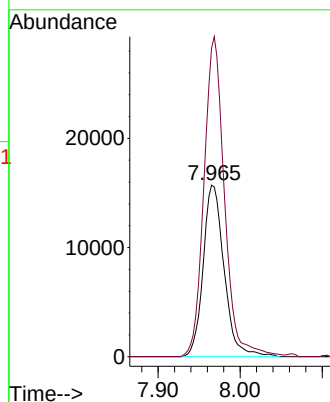
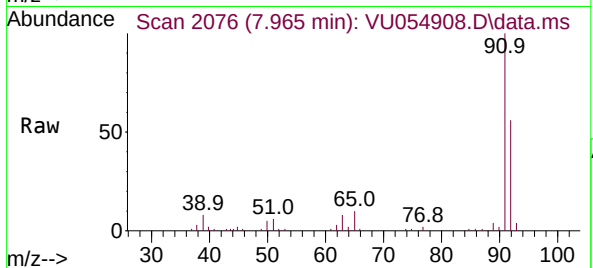
VU0728WBSD01

Tgt Ion: 92 Resp: 27888

Ion Ratio Lower Upper

92 100

91 182.6 142.9 214.3



#50

t-1,3-Dichloropropene

Concen: 2.055 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054908.D

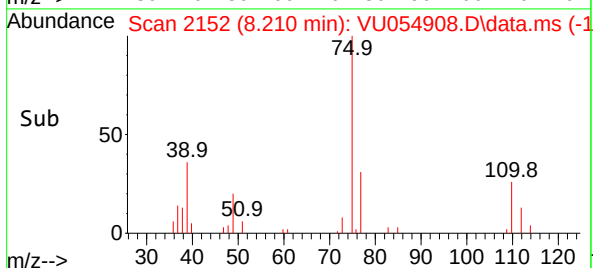
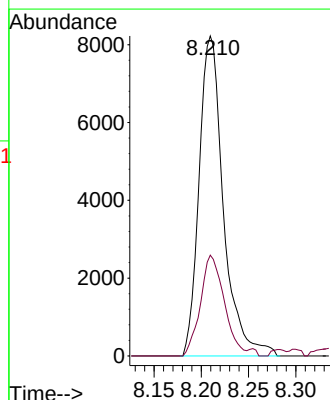
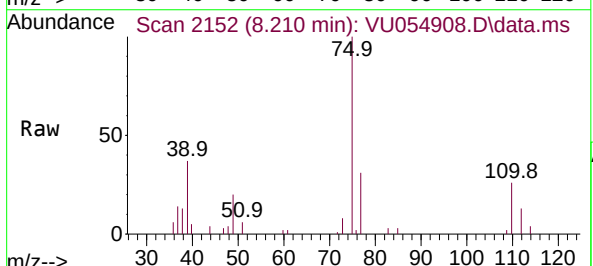
Acq: 28 Jul 2023 12:25

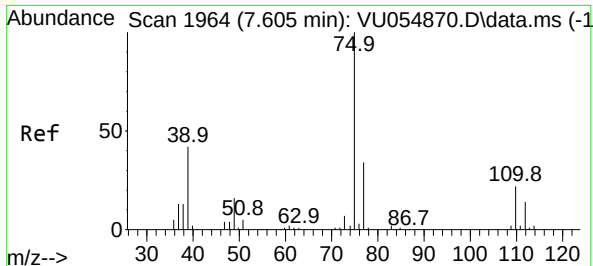
Tgt Ion: 75 Resp: 14690

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 1.956 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

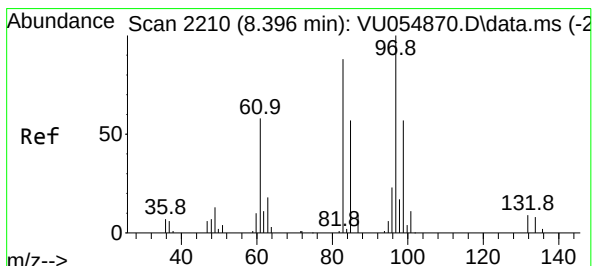
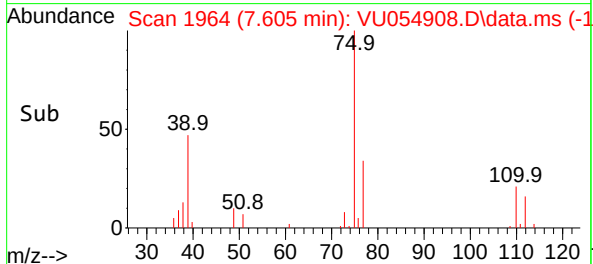
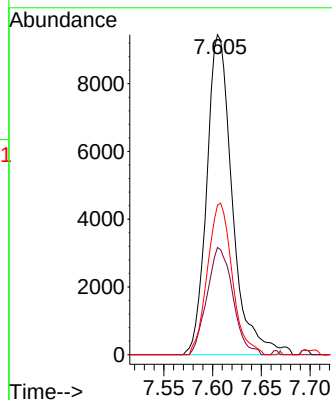
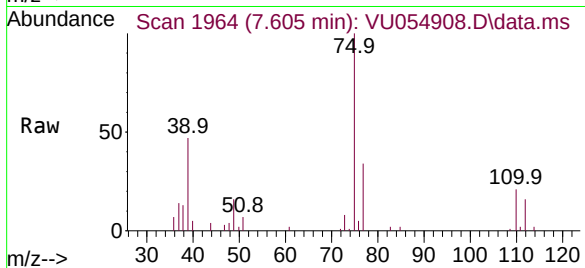
Tgt Ion: 75 Resp: 17187

Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.8

39 45.6 31.7 47.5



#52

1,1,2-Trichloroethane

Concen: 2.172 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Tgt Ion: 97 Resp: 9953

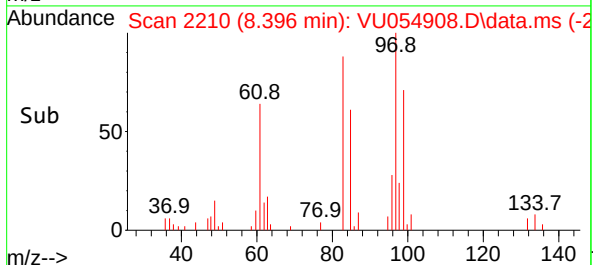
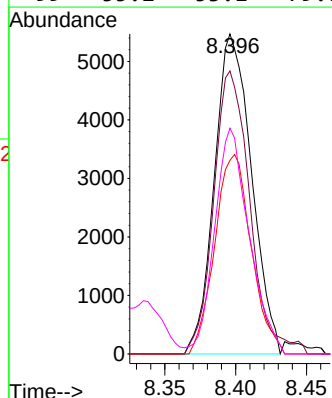
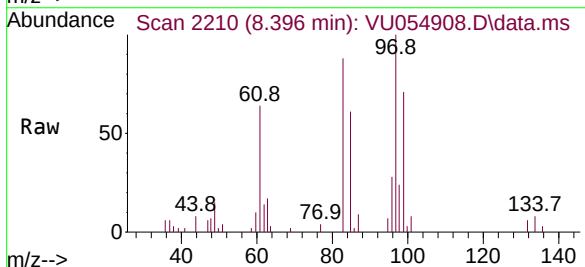
Ion Ratio Lower Upper

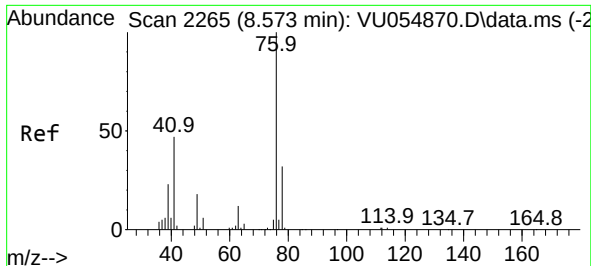
97 100

83 71.4 77.4 116.2#

85 48.9 47.8 71.8

99 55.2 53.1 79.7





#53

1,3-Dichloropropane

Concen: 2.232 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

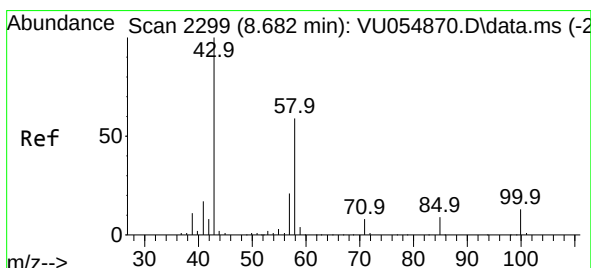
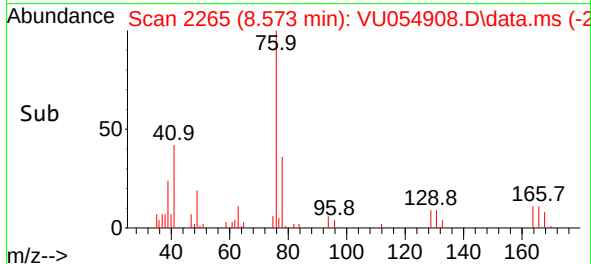
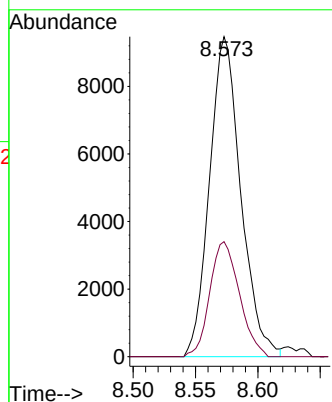
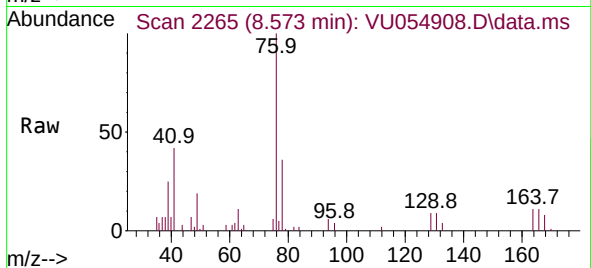
VU0728WBSD01

Tgt Ion: 76 Resp: 16544

Ion Ratio Lower Upper

76 100

78 34.0 24.6 36.8



#54

2-Hexanone

Concen: 11.043 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

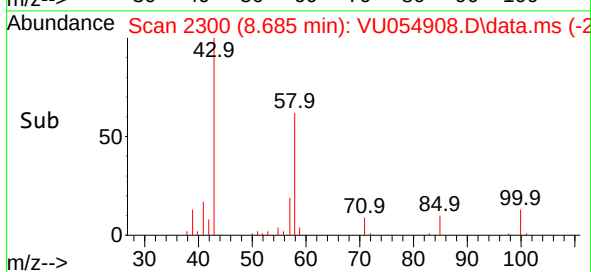
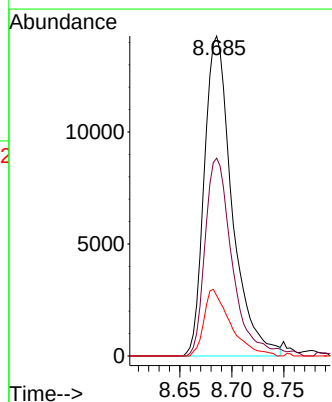
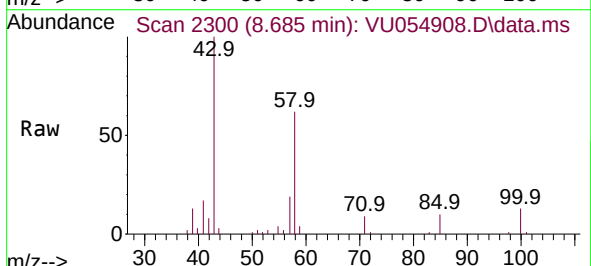
Tgt Ion: 43 Resp: 26463

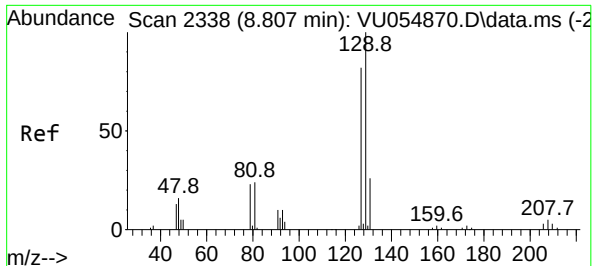
Ion Ratio Lower Upper

43 100

58 61.0 38.9 78.9

57 19.9 0.0 38.7





#55

Dibromochloromethane

Concen: 2.012 ug/l

RT: 8.808 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

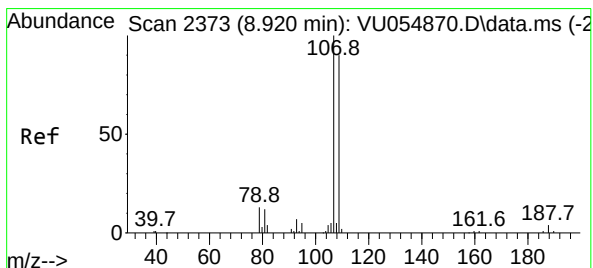
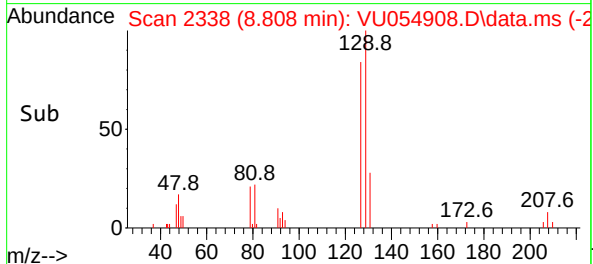
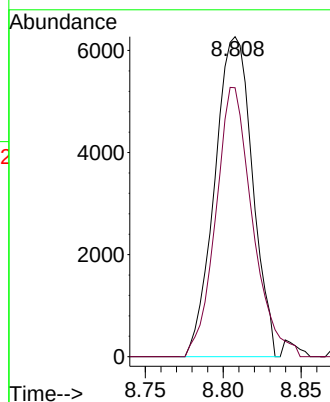
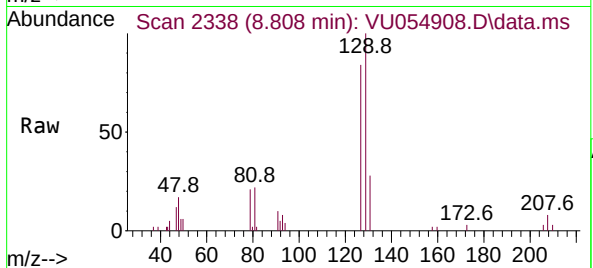
VU0728WBSD01

Tgt Ion:129 Resp: 10561

Ion Ratio Lower Upper

129 100

127 81.7 61.4 92.0



#56

1,2-Dibromoethane

Concen: 2.173 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

Lab File: VU054908.D

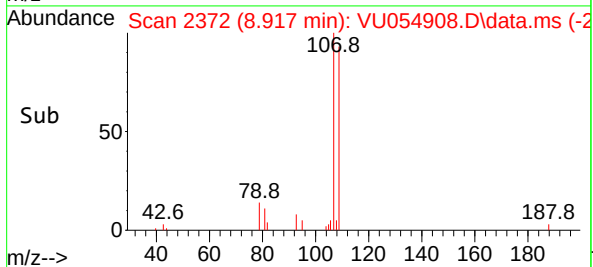
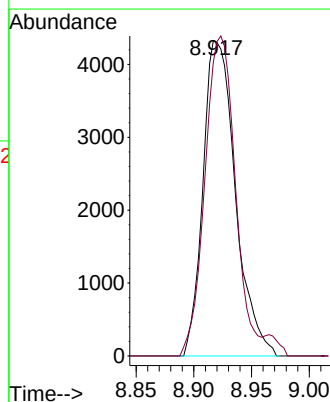
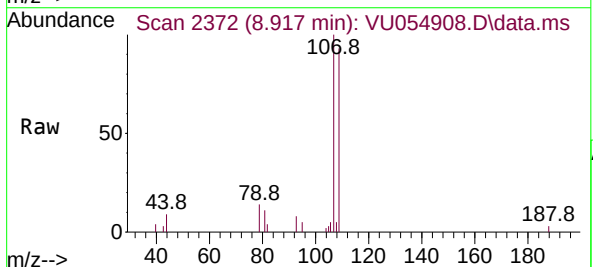
Acq: 28 Jul 2023 12:25

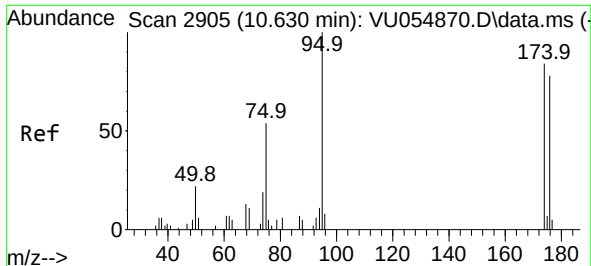
Tgt Ion:107 Resp: 8439

Ion Ratio Lower Upper

107 100

109 95.1 0.0 185.4





#57

4-Bromofluorobenzene

Concen: 1.002 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

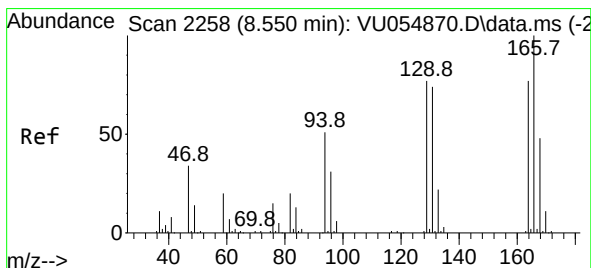
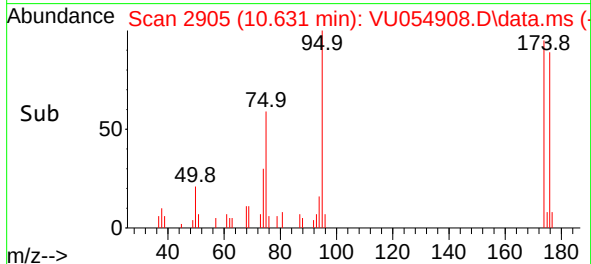
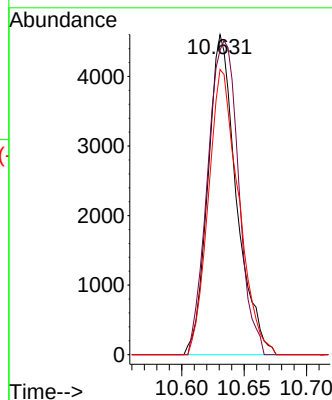
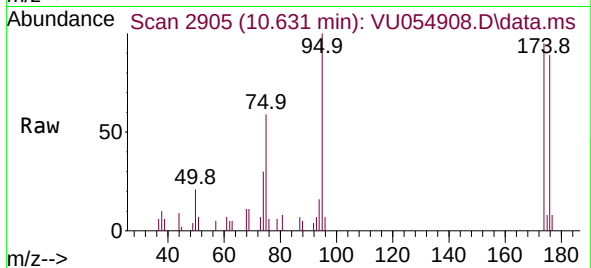
Tgt Ion: 95 Resp: 7344

Ion Ratio Lower Upper

95 100

174 105.8 79.3 118.9

176 94.0 71.5 107.3



#58

Tetrachloroethene

Concen: 2.076 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Tgt Ion: 164 Resp: 10606

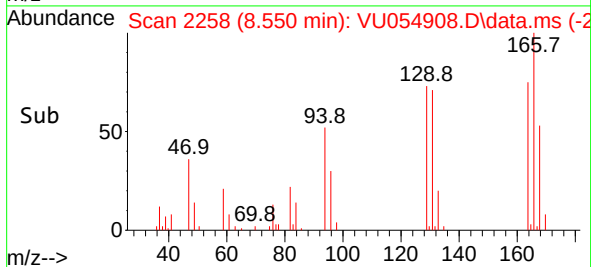
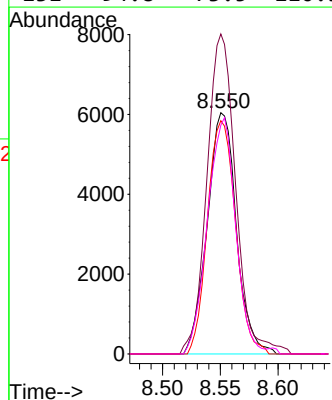
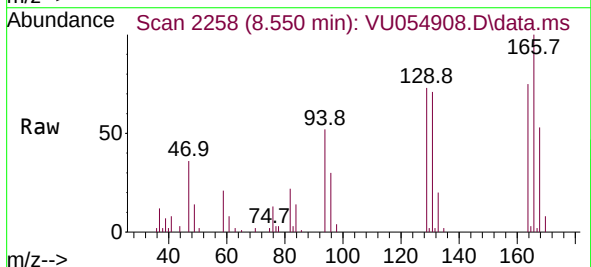
Ion Ratio Lower Upper

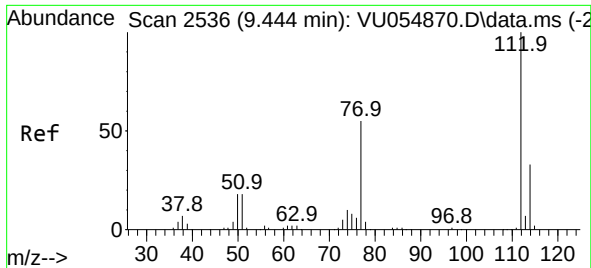
164 100

166 132.6 100.4 150.6

129 96.7 71.9 107.9

131 94.8 73.5 110.3

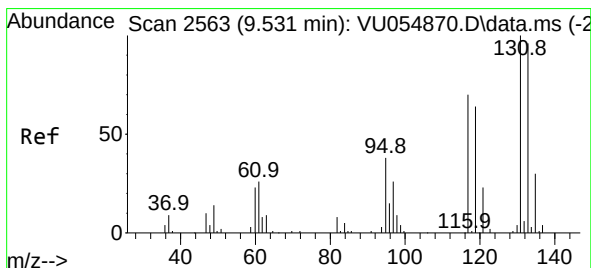
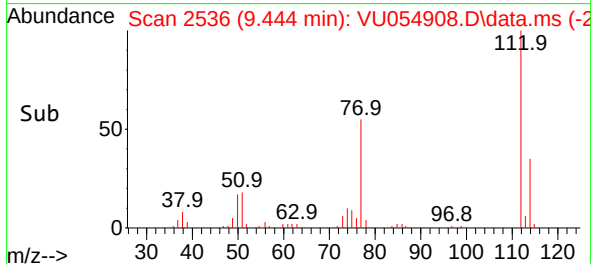
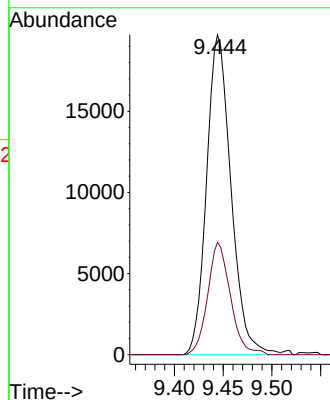
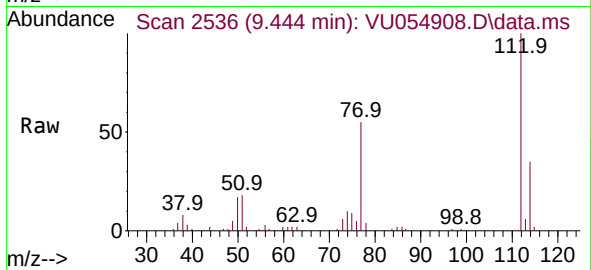




#59
Chlorobenzene
Concen: 2.041 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

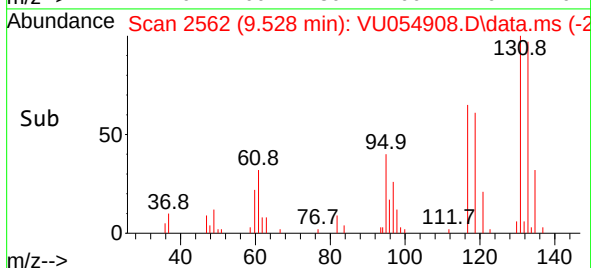
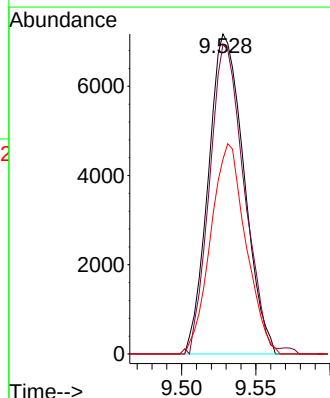
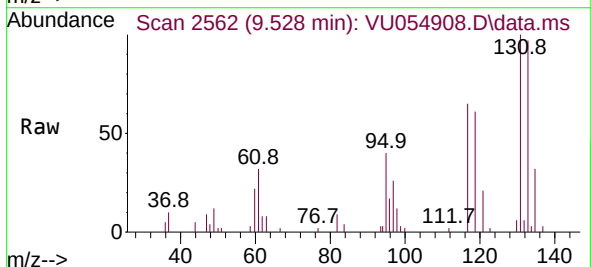
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

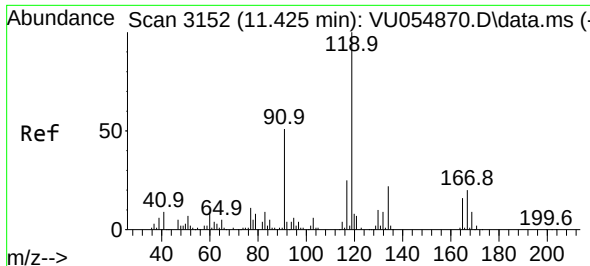
Tgt Ion:112 Resp: 34343
Ion Ratio Lower Upper
112 100
114 35.1 25.0 37.6



#60
1,1,1,2-Tetrachloroethane
Concen: 2.013 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:131 Resp: 11957
Ion Ratio Lower Upper
131 100
133 94.5 74.2 111.4
119 64.9 51.0 76.4

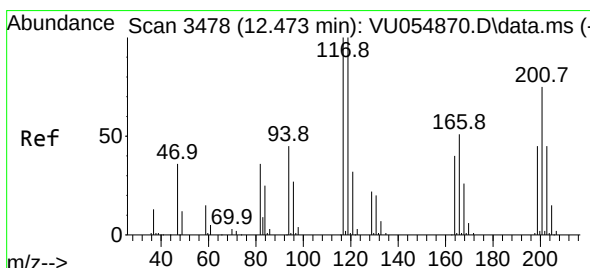
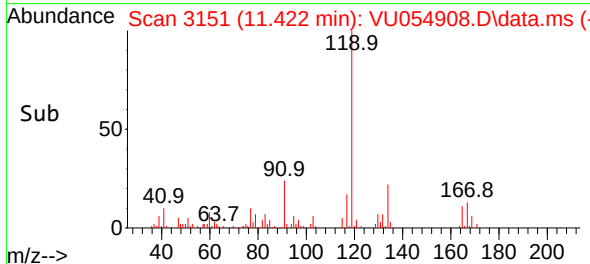
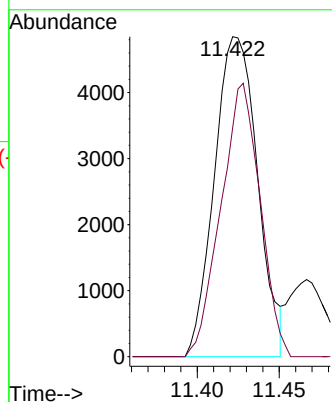
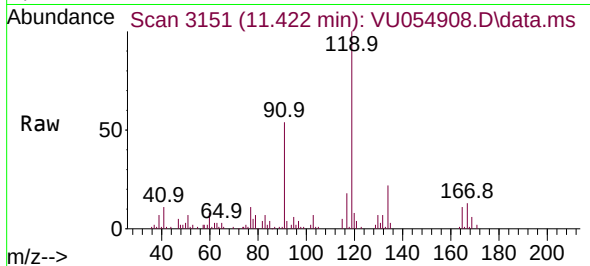




#61
 Pentachloroethane
 Concen: 1.908 ug/l
 RT: 11.422 min Scan# 3152
 Delta R.T. -0.003 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

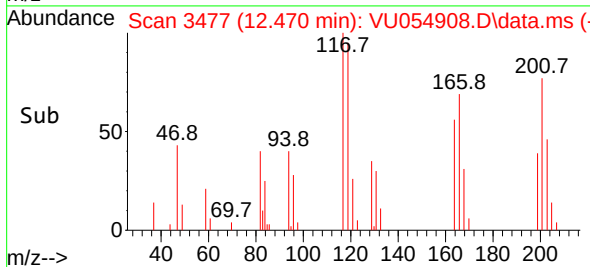
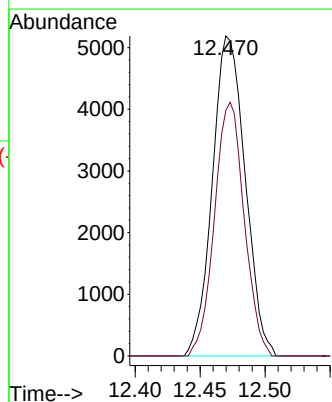
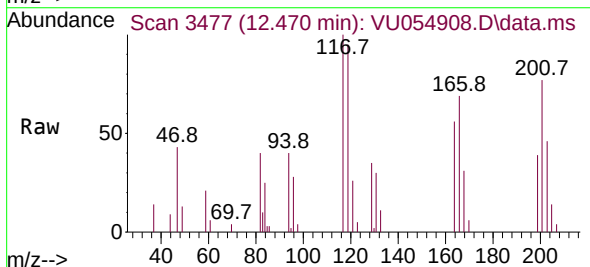
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01

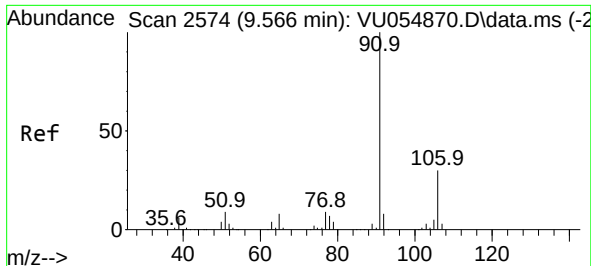
Tgt Ion:117 Resp: 8857
 Ion Ratio Lower Upper
 117 100
 167 77.6 65.3 97.9



#62
 Hexachloroethane
 Concen: 1.908 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Tgt Ion:117 Resp: 9108
 Ion Ratio Lower Upper
 117 100
 201 71.8 56.1 84.1

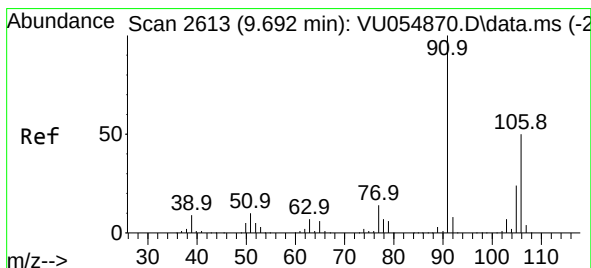
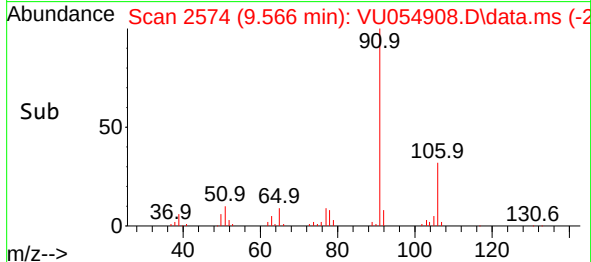
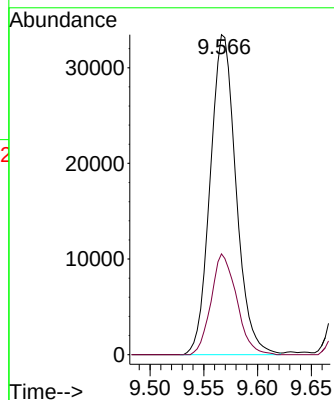
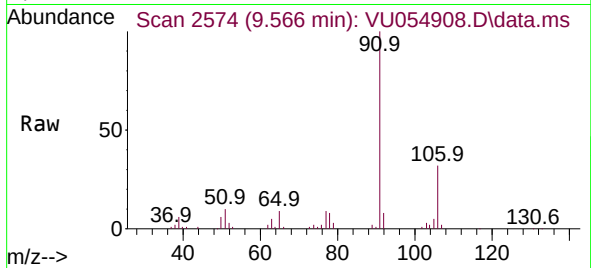




#63
Ethyl Benzene
Concen: 1.979 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

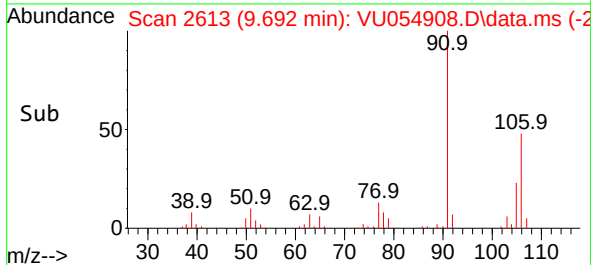
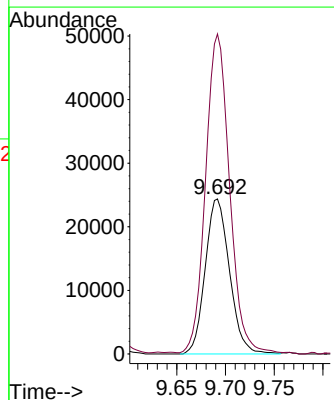
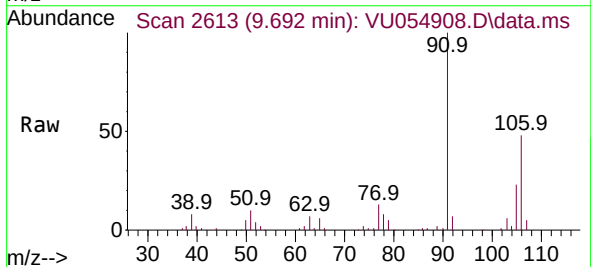
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

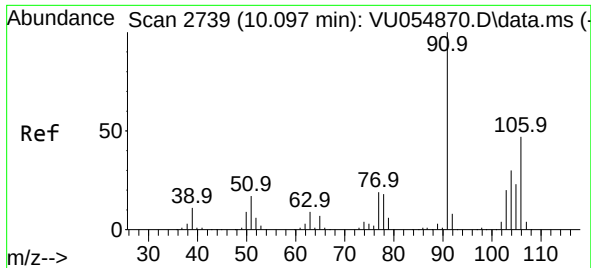
Tgt Ion: 91 Resp: 55877
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.2



#64
m/p-Xylenes
Concen: 4.007 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:106 Resp: 42325
Ion Ratio Lower Upper
106 100
91 201.4 158.8 238.2

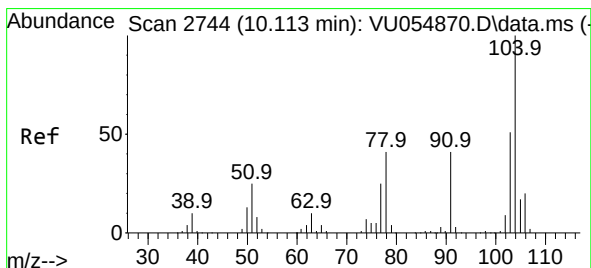
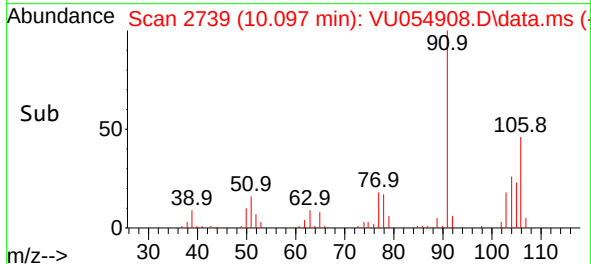
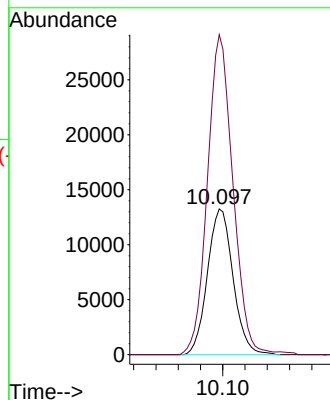
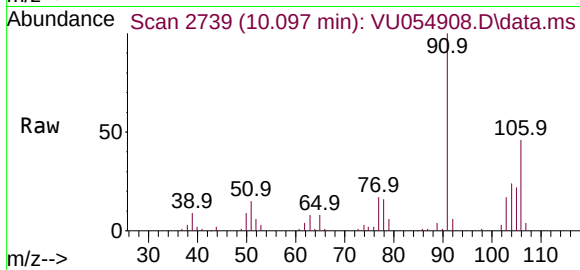




#65
o-Xylene
Concen: 1.951 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

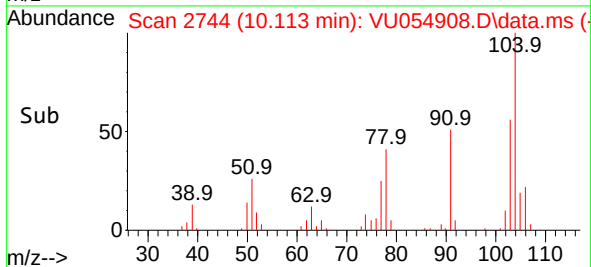
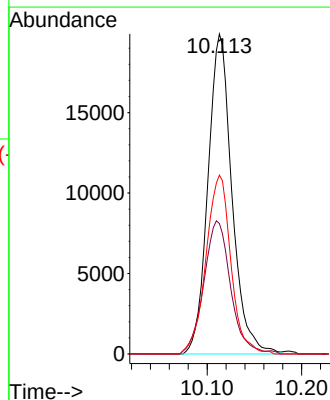
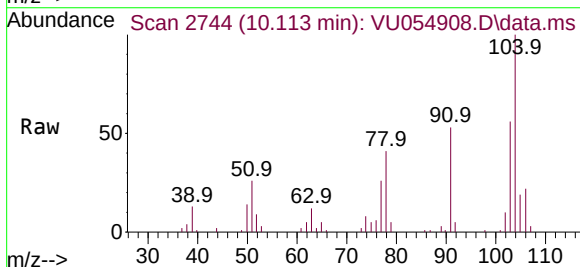
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

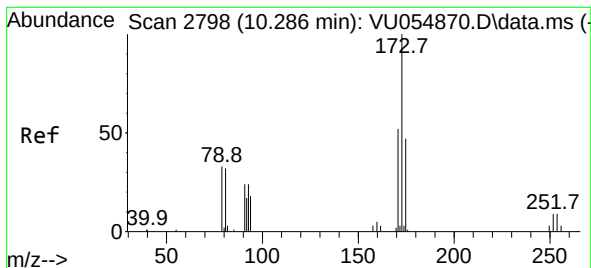
Tgt Ion:106 Resp: 21174
Ion Ratio Lower Upper
106 100
91 219.0 108.9 326.8



#66
Styrene
Concen: 2.024 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:104 Resp: 35119
Ion Ratio Lower Upper
104 100
78 46.0 37.5 56.3
103 57.9 45.2 67.8





#67

Bromoform

Concen: 2.207 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

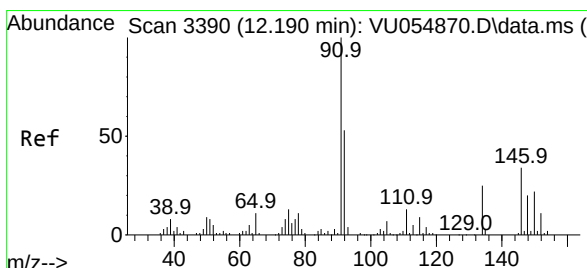
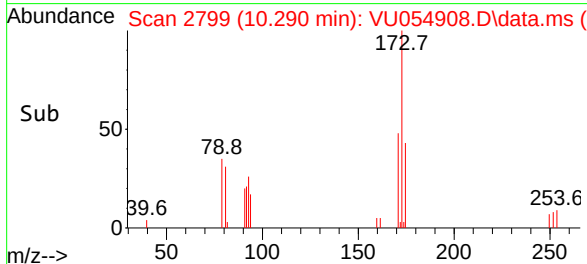
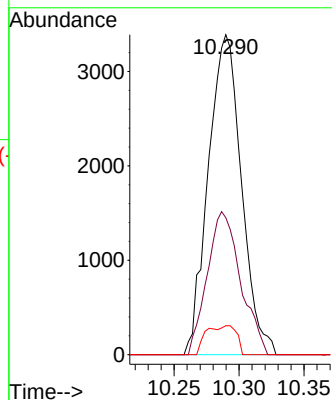
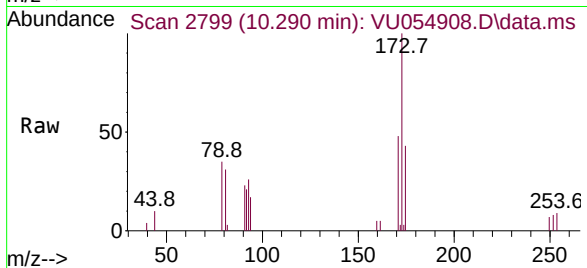
Tgt Ion:173 Resp: 6008

Ion Ratio Lower Upper

173 100

175 45.0 39.0 58.6

254 8.3 7.4 11.0



#68

1,2-Dichlorobenzene-d4

Concen: 1.105 ug/l

RT: 12.193 min Scan# 3391

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

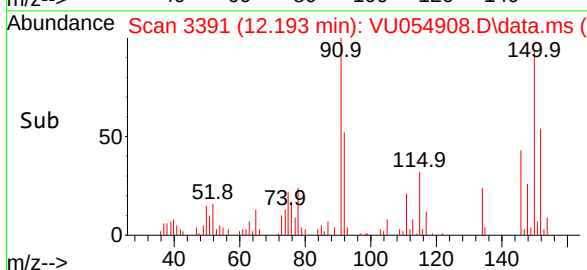
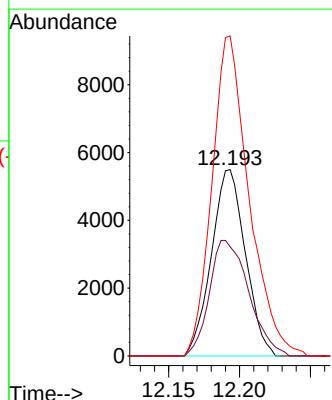
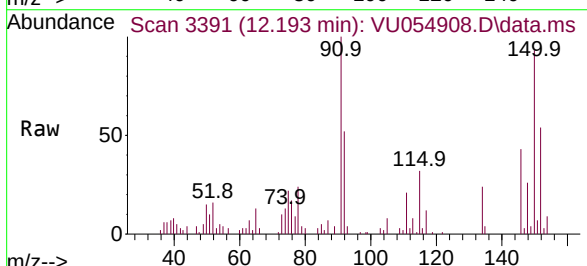
Tgt Ion:152 Resp: 9152

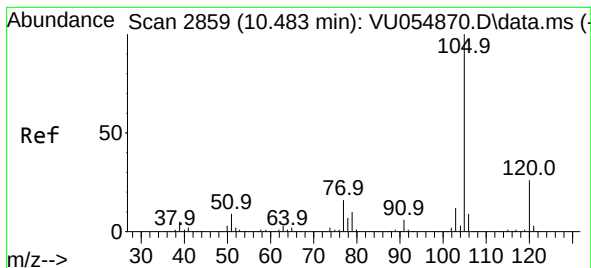
Ion Ratio Lower Upper

152 100

115 71.8 0.0 234.8

150 187.6 0.0 598.2





#69

Isopropylbenzene

Concen: 2.000 ug/l

RT: 10.483 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

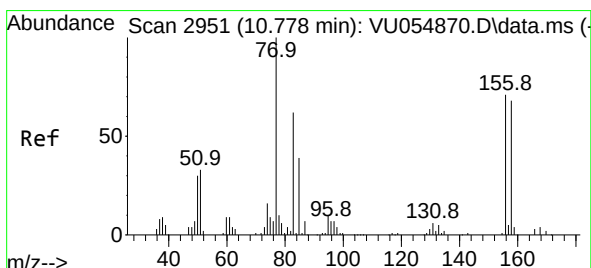
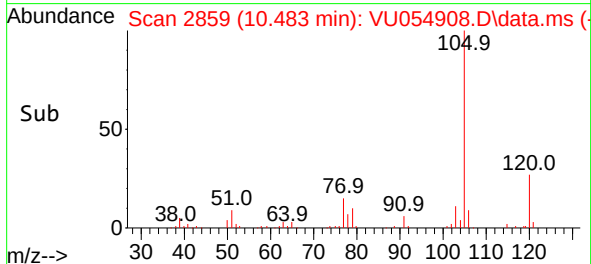
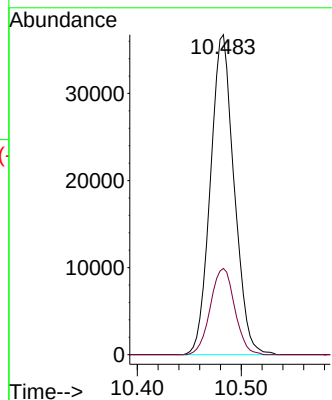
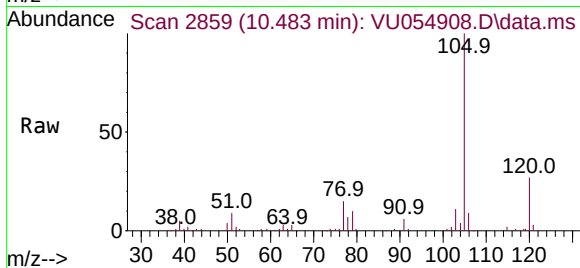
VU0728WBSD01

Tgt Ion:105 Resp: 58265

Ion Ratio Lower Upper

105 100

120 27.7 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 2.159 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

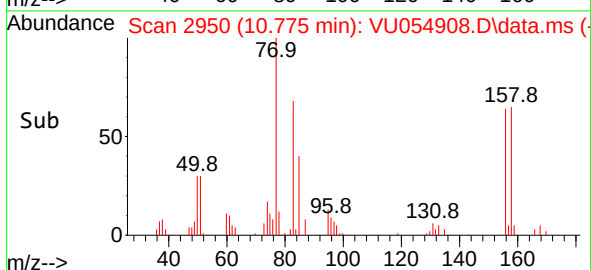
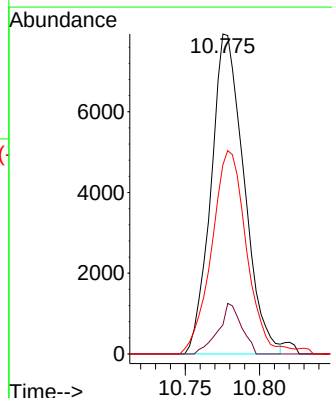
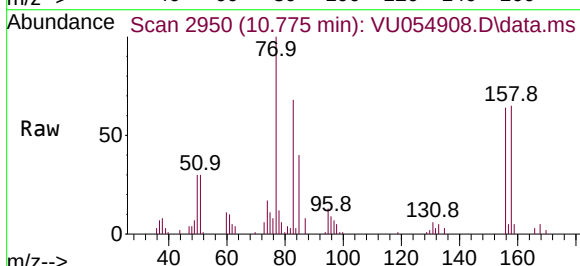
Tgt Ion: 83 Resp: 12242

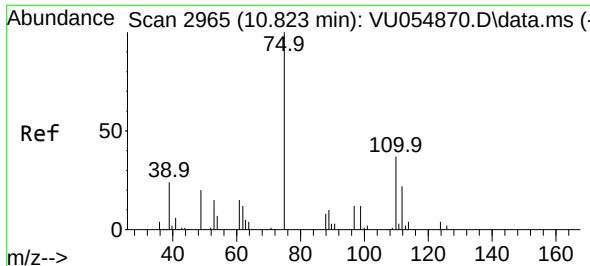
Ion Ratio Lower Upper

83 100

131 11.1 7.5 11.3

85 67.3 53.0 79.6

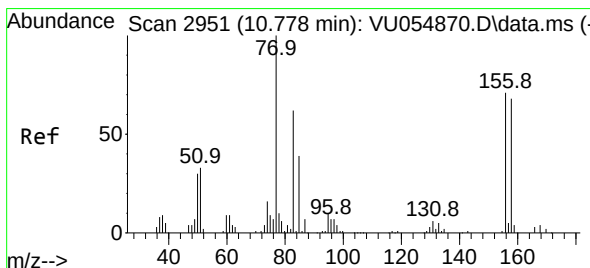
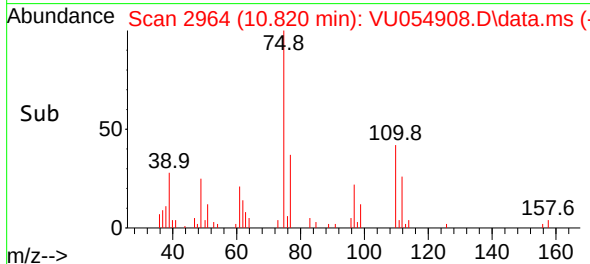
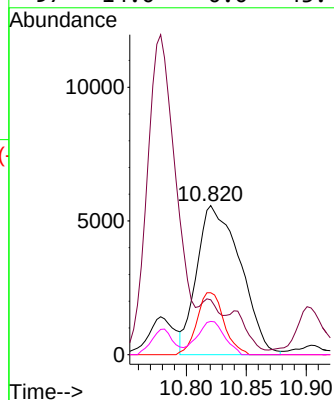
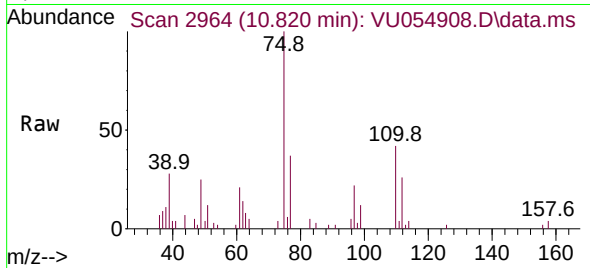




#71
1,2,3-Trichloropropane
Concen: 3.478 ug/l
RT: 10.820 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

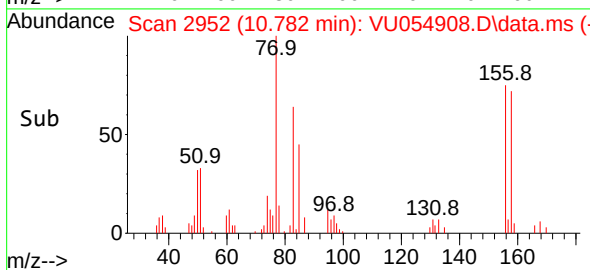
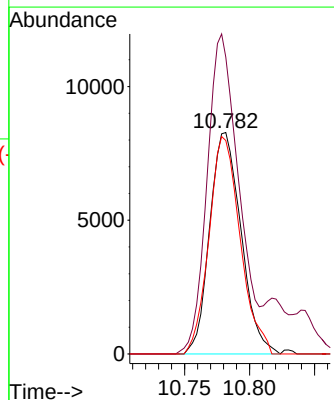
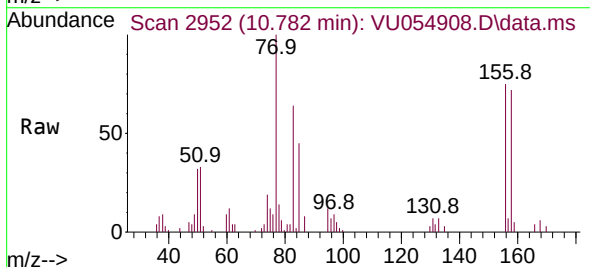
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

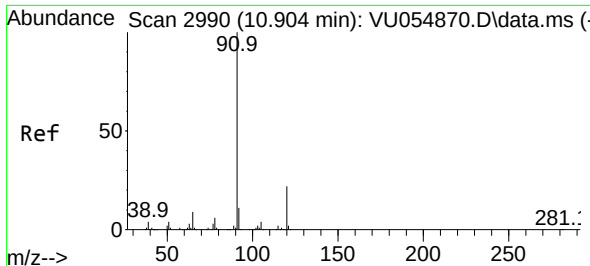
Tgt Ion:	75	Resp:	14050
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	25.8	0.0	80.8
97	14.0	0.0	43.4



#72
Bromobenzene
Concen: 2.143 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:	156	Resp:	13902
Ion	Ratio	Lower	Upper
156	100		
77	145.2	0.0	293.2
158	97.7	0.0	189.8

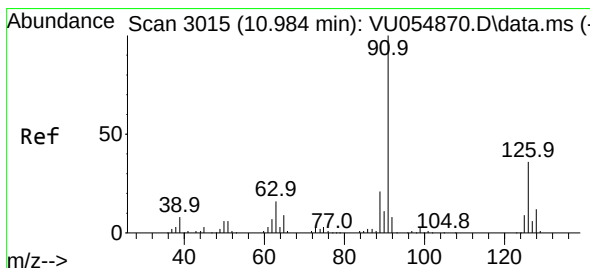
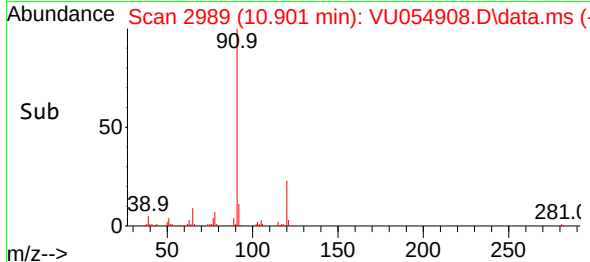
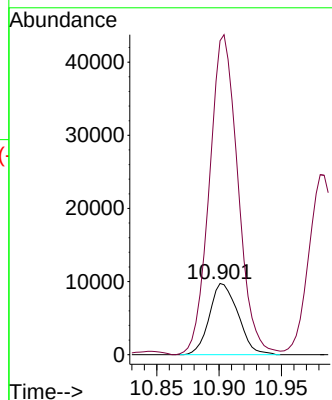
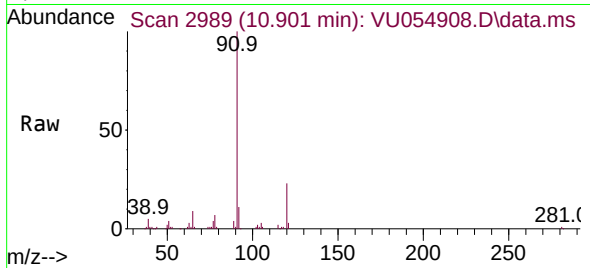




#73
n-propylbenzene
Concen: 1.997 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

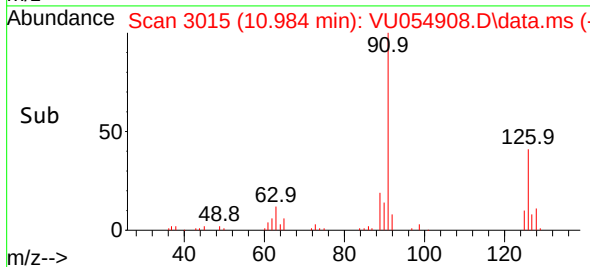
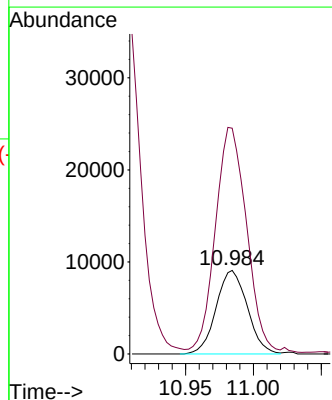
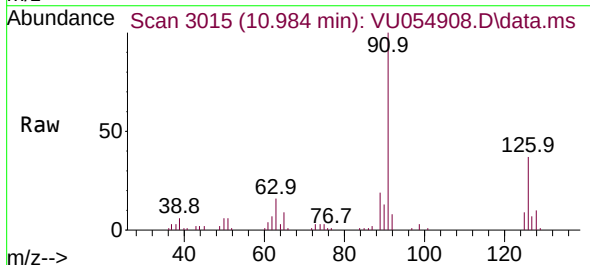
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

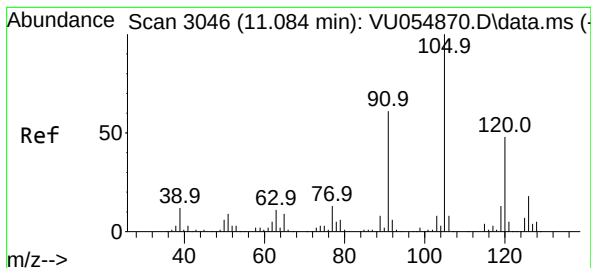
Tgt Ion:120 Resp: 15565
Ion Ratio Lower Upper
120 100
91 448.8 361.8 542.6



#74
2-Chlorotoluene
Concen: 2.151 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:126 Resp: 14515
Ion Ratio Lower Upper
126 100
91 264.2 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 1.956 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

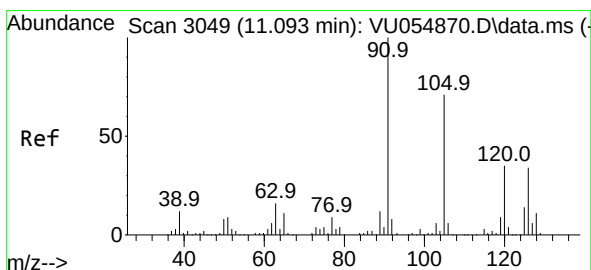
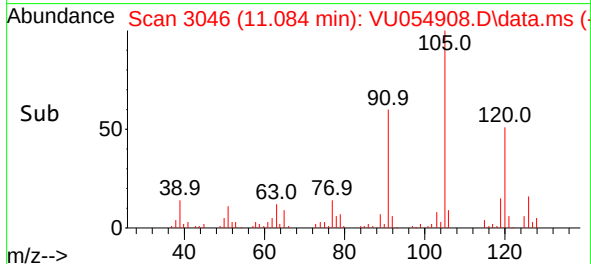
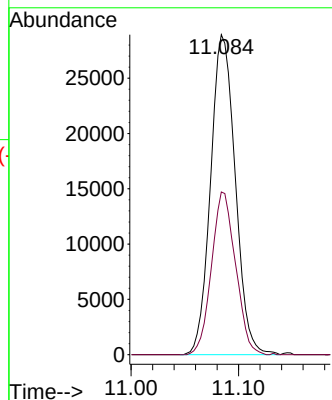
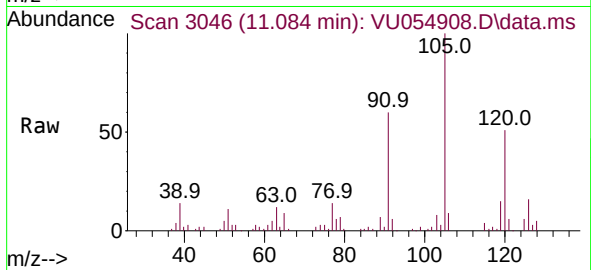
VU0728WBSD01

Tgt Ion:105 Resp: 46147

Ion Ratio Lower Upper

105 100

120 49.5 39.0 58.4



#76

4-Chlorotoluene

Concen: 2.151 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VU054908.D

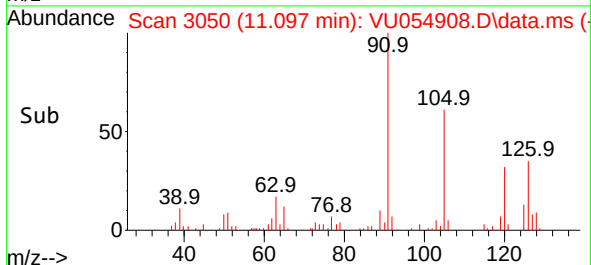
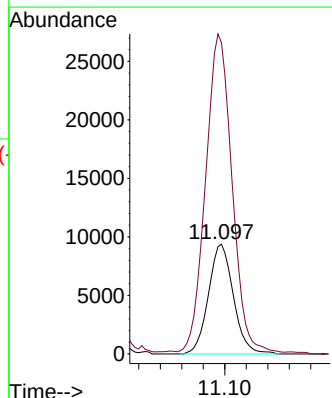
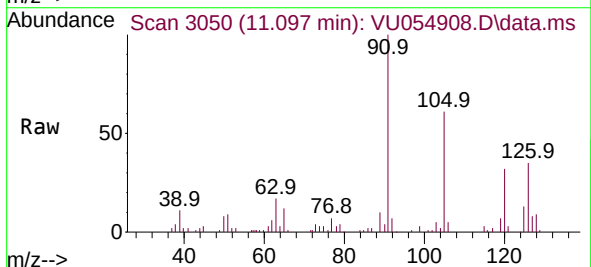
Acq: 28 Jul 2023 12:25

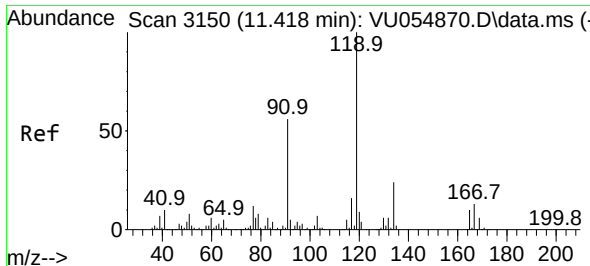
Tgt Ion:126 Resp: 15083

Ion Ratio Lower Upper

126 100

91 305.7 0.0 623.4

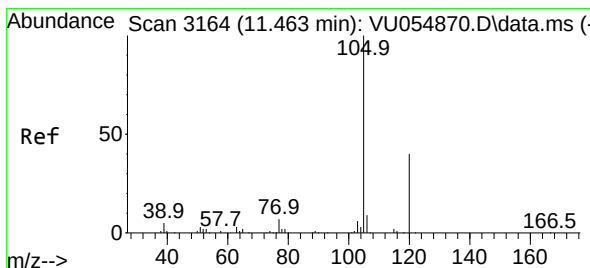
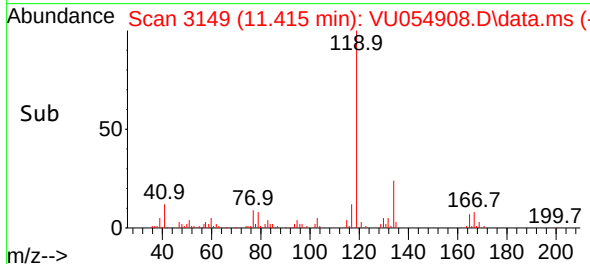
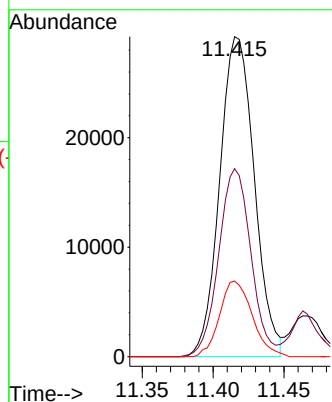
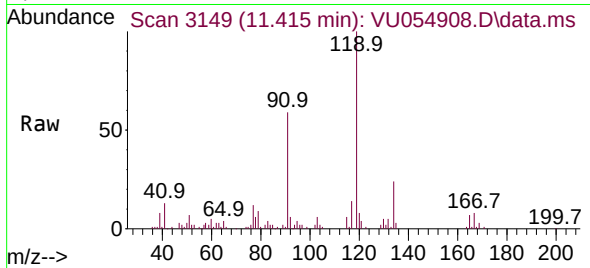




#77
tert-Butylbenzene
Concen: 2.027 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

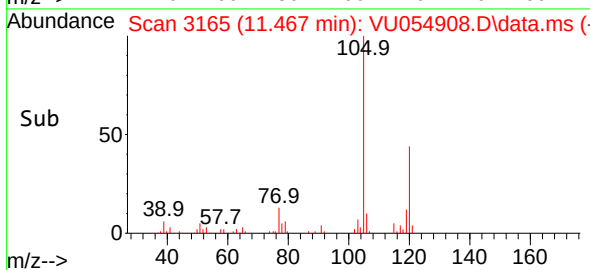
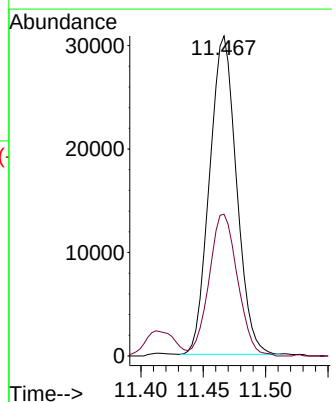
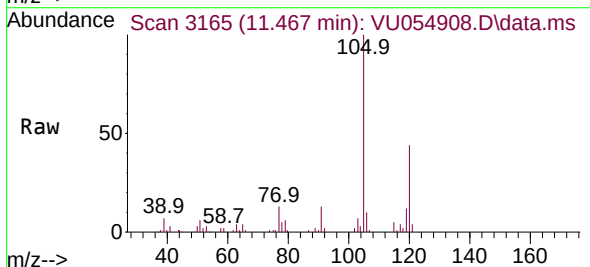
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

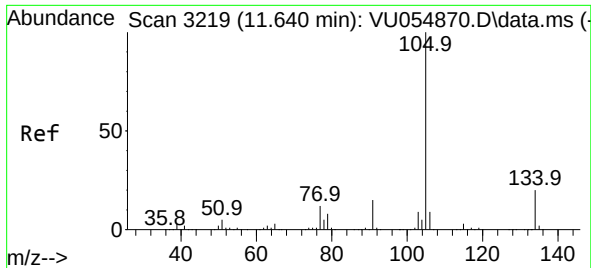
Tgt Ion:119 Resp: 49730
Ion Ratio Lower Upper
119 100
91 54.6 27.7 83.1
134 22.3 18.6 27.8



#78
1,2,4-Trimethylbenzene
Concen: 1.920 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:105 Resp: 46365
Ion Ratio Lower Upper
105 100
120 47.0 22.4 67.3

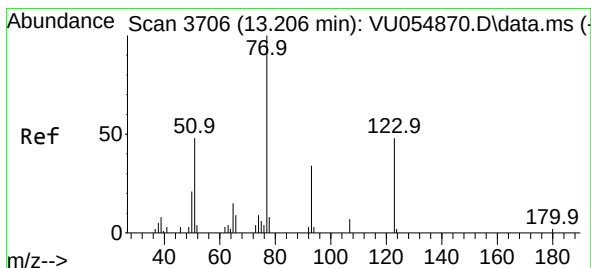
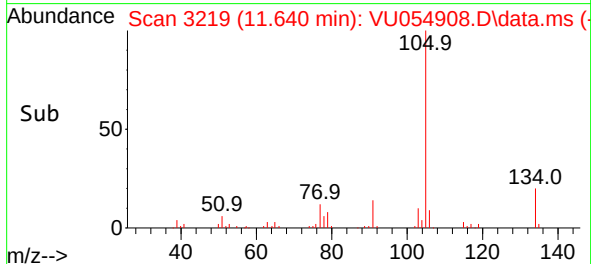
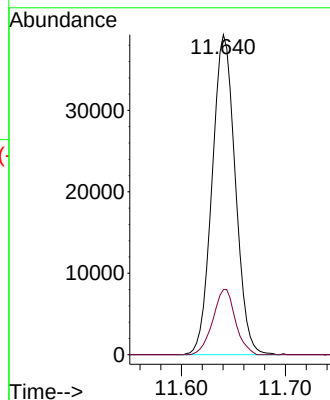
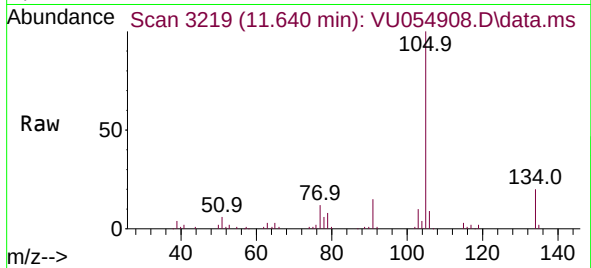




#79
 sec-Butylbenzene
 Concen: 1.908 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

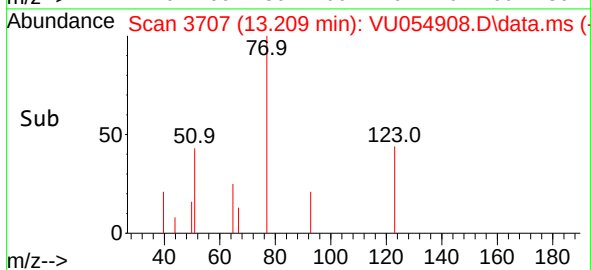
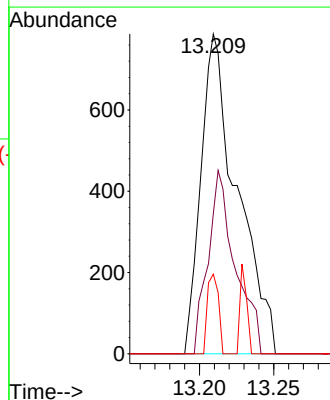
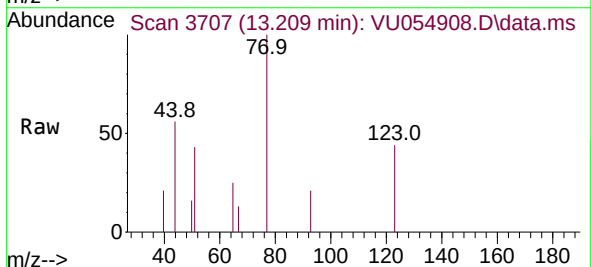
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01

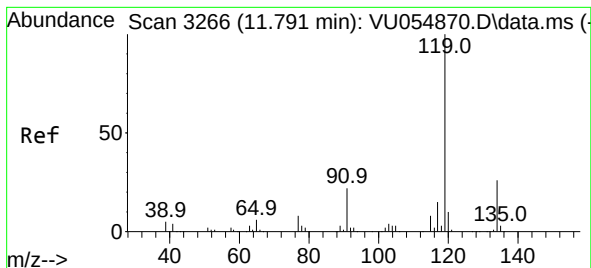
Tgt Ion:105 Resp: 60842
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.7 23.5



#80
 Nitrobenzene
 Concen: 8.953 ug/l
 RT: 13.209 min Scan# 3707
 Delta R.T. 0.003 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Tgt Ion: 77 Resp: 1334
 Ion Ratio Lower Upper
 77 100
 123 43.2 20.2 71.8
 65 7.6 11.7 14.9#





#81

p-Isopropyltoluene

Concen: 1.976 ug/l

RT: 11.791 min Scan# 3266

Delta R.T. 0.000 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

VU0728WBSD01

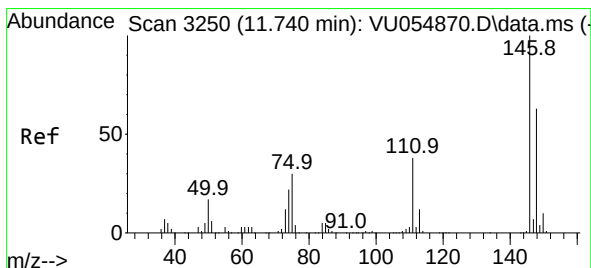
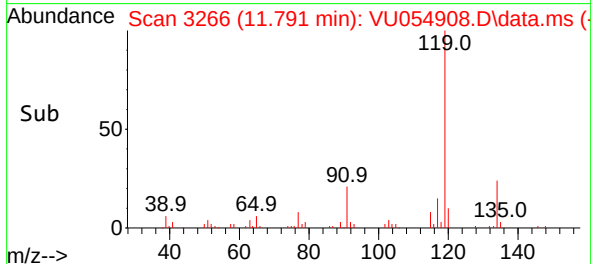
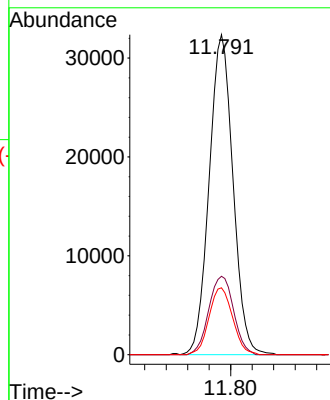
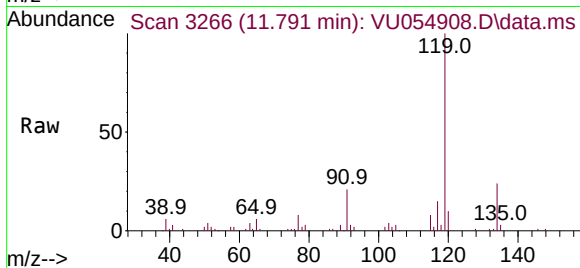
Tgt Ion:119 Resp: 49735

Ion Ratio Lower Upper

119 100

134 25.6 20.6 31.0

91 20.7 18.2 27.4



#82

1,3-Dichlorobenzene

Concen: 2.132 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU054908.D

Acq: 28 Jul 2023 12:25

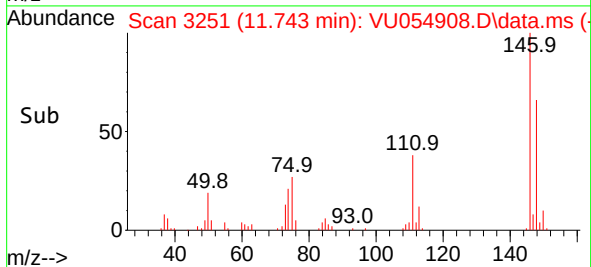
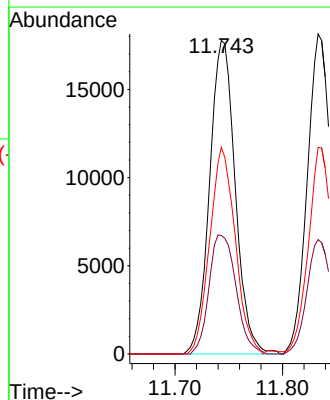
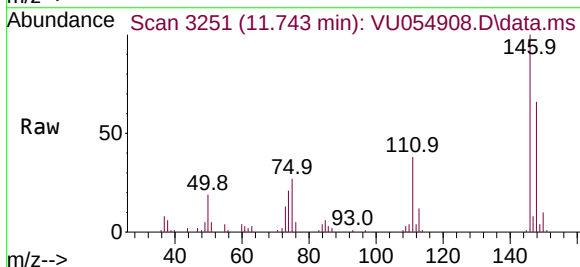
Tgt Ion:146 Resp: 29442

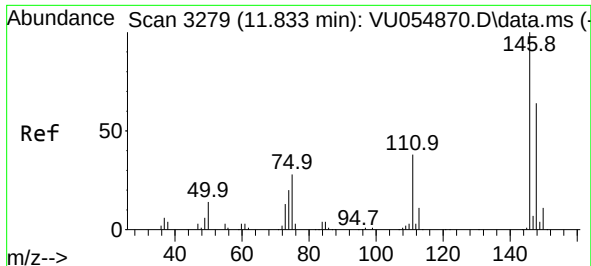
Ion Ratio Lower Upper

146 100

111 39.9 30.5 45.7

148 65.5 51.0 76.6

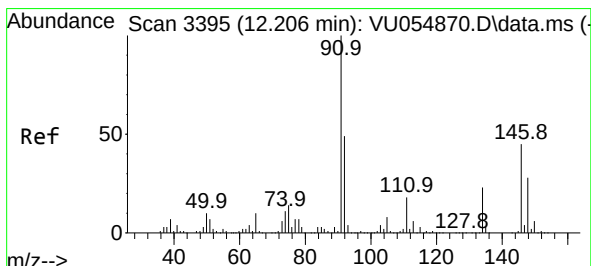
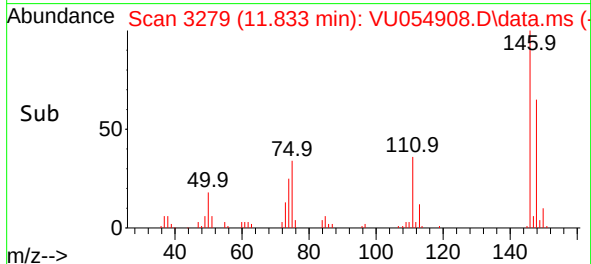
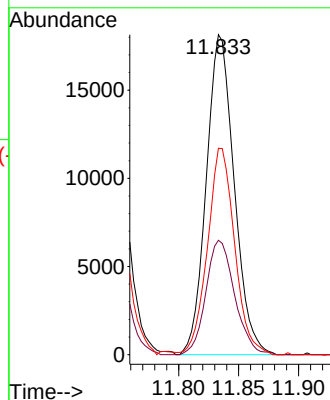
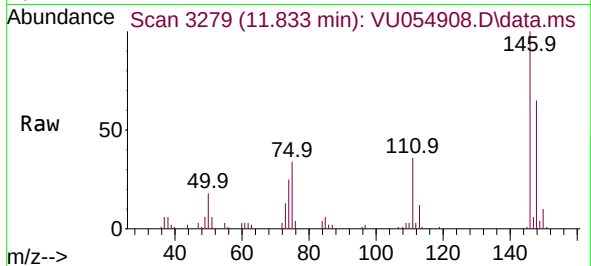




#83
1,4-Dichlorobenzene
Concen: 2.134 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

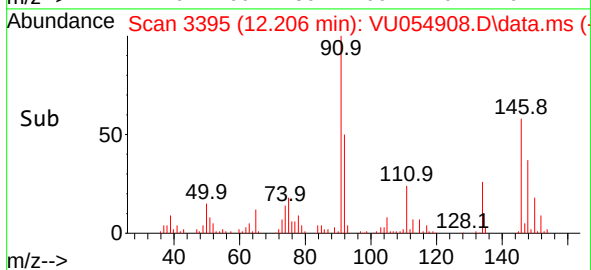
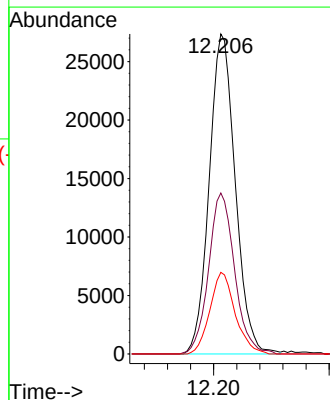
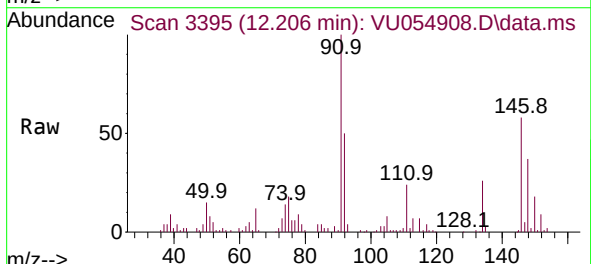
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

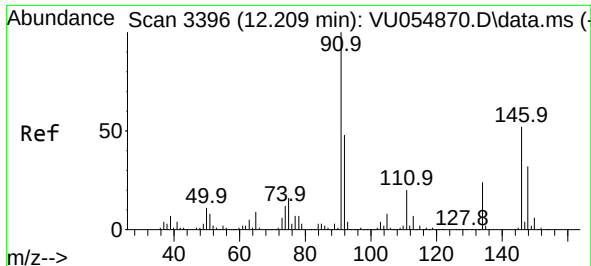
Tgt Ion:146 Resp: 29372
Ion Ratio Lower Upper
146 100
111 36.8 29.5 44.3
148 62.9 51.2 76.8



#84
n-Butylbenzene
Concen: 1.894 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 91 Resp: 42817
Ion Ratio Lower Upper
91 100
92 50.2 39.8 59.8
134 24.8 20.2 30.4

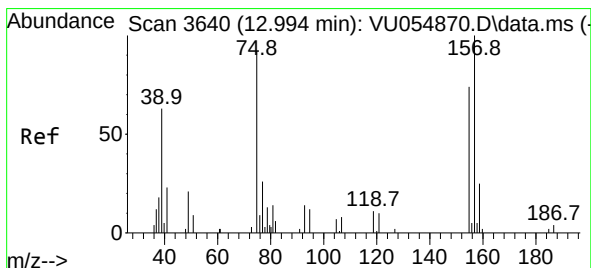
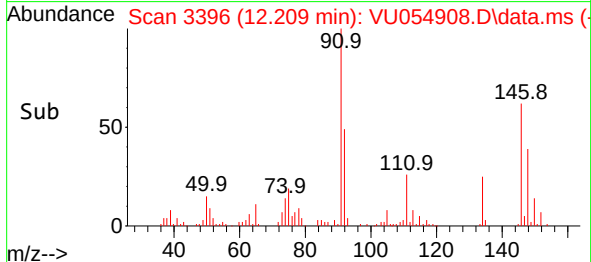
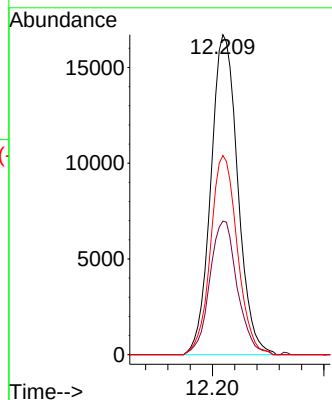
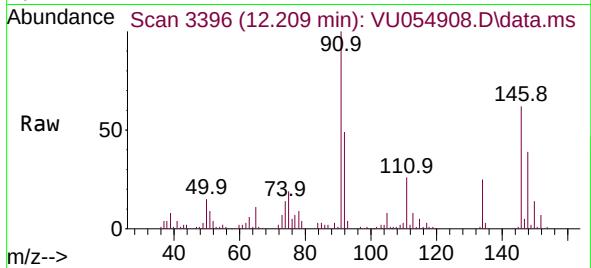




#85
1,2-Dichlorobenzene
Concen: 2.120 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

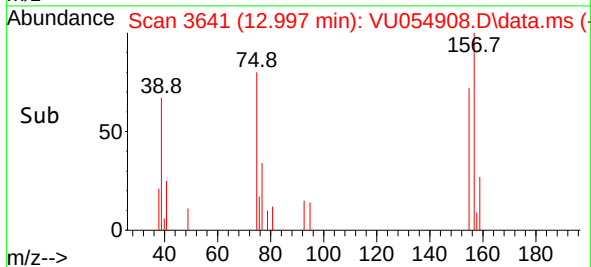
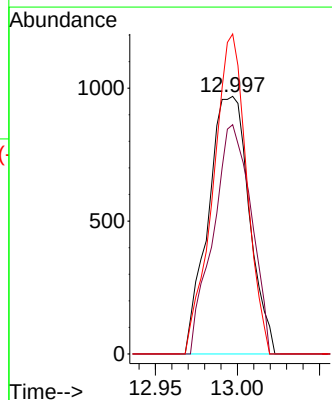
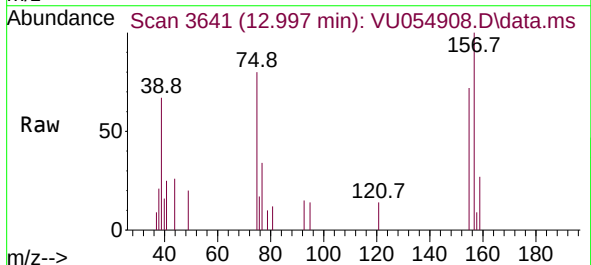
Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

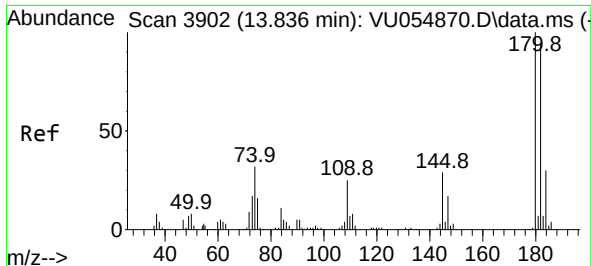
Tgt Ion:146 Resp: 28057
Ion Ratio Lower Upper
146 100
111 42.7 19.8 59.4
148 61.9 31.8 95.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.234 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion: 75 Resp: 1684
Ion Ratio Lower Upper
75 100
155 82.5 74.8 112.2
157 102.0 97.4 146.0

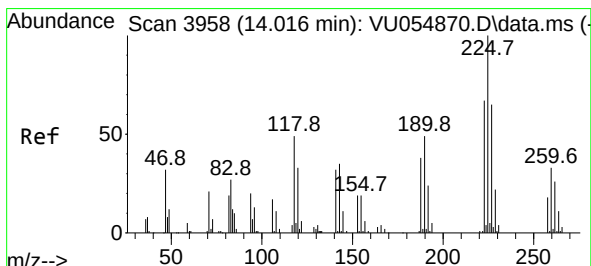
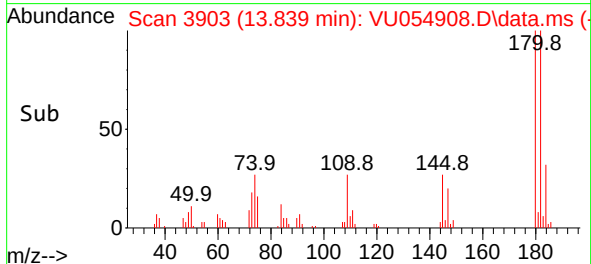
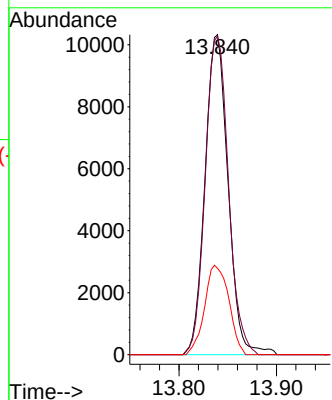
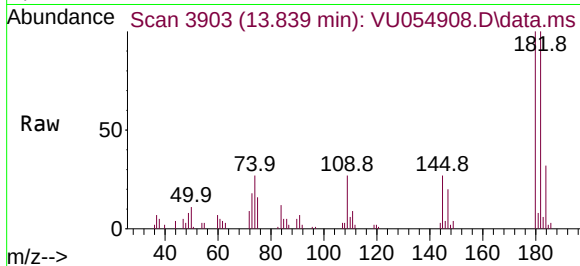




#87
 1,2,4-Trichlorobenzene
 Concen: 2.015 ug/l
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.003 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

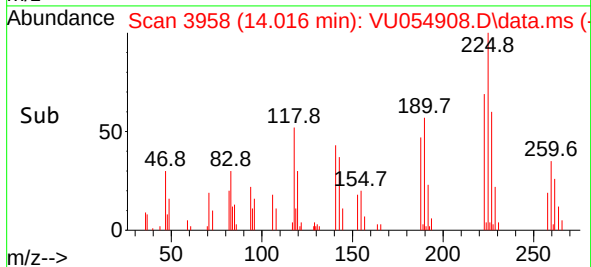
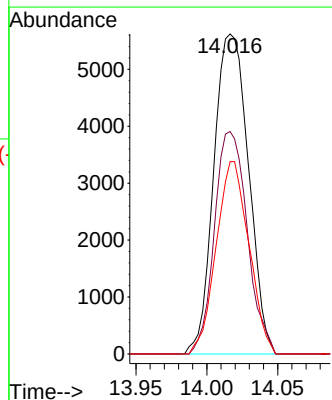
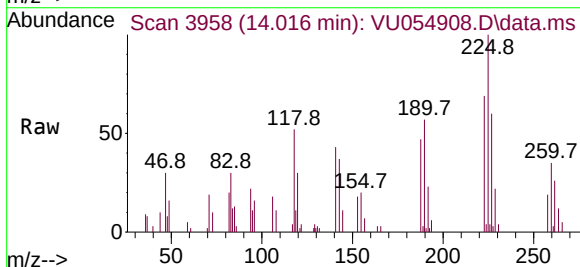
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0728WBSD01

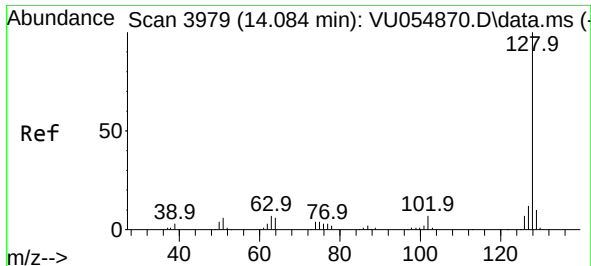
Tgt Ion:180 Resp: 17014
 Ion Ratio Lower Upper
 180 100
 182 99.7 77.0 115.6
 145 29.2 23.4 35.0



#88
 Hexachlorobutadiene
 Concen: 2.127 ug/l
 RT: 14.016 min Scan# 3958
 Delta R.T. 0.000 min
 Lab File: VU054908.D
 Acq: 28 Jul 2023 12:25

Tgt Ion:225 Resp: 9577
 Ion Ratio Lower Upper
 225 100
 223 65.7 50.6 76.0
 227 56.8 50.7 76.1

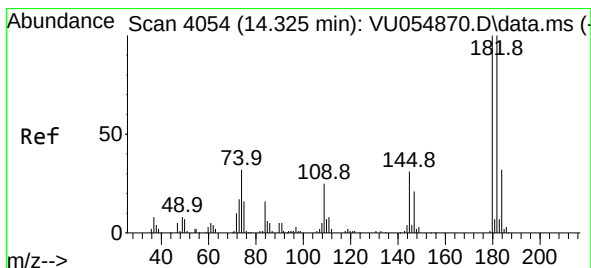
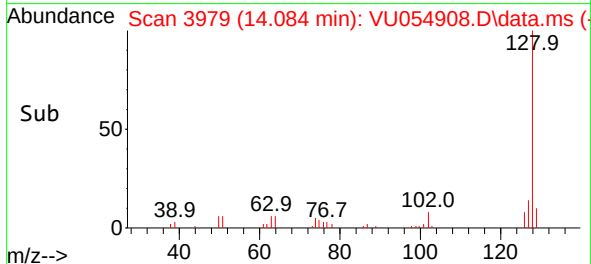
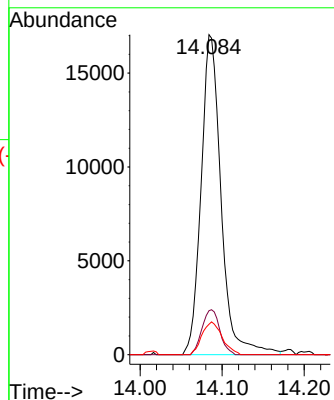
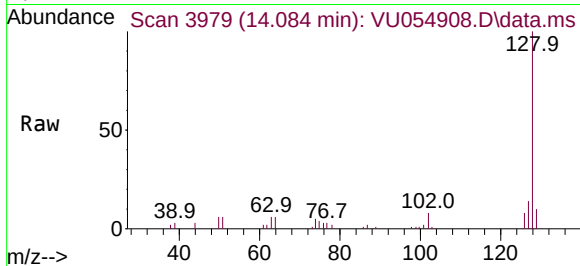




#89
Naphthalene
Concen: 2.208 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :
VU0728WBSD01

Tgt Ion:	128	Resp:	28858
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.6	15.8
129	10.3	8.7	13.1



#90
1,2,3-Trichlorobenzene
Concen: 1.950 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054908.D
Acq: 28 Jul 2023 12:25

Tgt Ion:	180	Resp:	14607
Ion Ratio	Lower	Upper	
180	100		
182	98.7	76.0	114.0
145	32.3	24.3	36.5

