

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054875.D
 Acq On : 26 Jul 2023 13:21
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU072623

Quant Time: Jul 28 03:09:36 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	27955	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	11816	1.394	ug/l	0.00
Spiked Amount 1.000			Recovery	=	139.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11034	1.152	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	39713	7.460	ug/l	98
3) Chloromethane	1.518	50	56753	9.490	ug/l	95
4) Vinyl Chloride	1.602	62	73579	9.213	ug/l	98
5) Bromomethane	1.856	94	59192	9.342	ug/l	99
6) Chloroethane	1.930	64	70584	8.551	ug/l	99
7) Trichlorofluoromethane	2.136	101	171936	9.164	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	53269	8.761	ug/l	97
9) 1,1-Dichloroethene	2.576	96	47160	9.771	ug/l	95
10) Iodomethane	2.718	142	75834	10.065	ug/l	98
11) Allyl Chloride	2.920	41	59267	10.275	ug/l	92
12) Acrylonitrile	3.319	53	56581	46.713	ug/l	95
13) Acetone	2.650	43	46697	36.886	ug/l	93
14) Carbon Disulfide	2.788	76	92423	11.054	ug/l	99
15) Methylene Chloride	3.039	84	65993	10.718	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	51232	9.751	ug/l	92
17) 1,1-Dichloroethane	3.865	63	110011	9.362	ug/l	98
18) 2-Butanone	4.714	43	68144	42.669	ug/l	100
19) Cyclohexane	5.386	56	63593	9.617	ug/l	92
20) Methylcyclohexane	6.762	83	89710	10.146	ug/l	99
21) 2,2-Dichloropropane	4.660	77	100571	9.233	ug/l	98
22) cis-1,2-Dichloroethene	4.663	96	72246	10.347	ug/l	97
23) Diethyl Ether	2.374	59	64373	9.041	ug/l	99
24) tert-Butyl Alcohol	3.177	59	10334	15.600	ug/l	# 92
25) Methyl tert-Butyl Ether	3.361	73	146707	9.823	ug/l	100
26) Bromochloromethane	4.968	128	26052	9.097	ug/l	98
27) Chloroform	5.084	83	123441	9.781	ug/l	93
28) 1,1,1-Trichloroethane	5.312	97	101525	9.315	ug/l	99
29) 1,1-Dichloropropene	5.521	75	78022	9.704	ug/l	98
30) Carbon Tetrachloride	5.521	117	87706	9.640	ug/l	99
31) Isopropyl Ether	3.988	45	168573	9.719	ug/l	# 1
33) Tert-Amyl methyl ether	5.772	73	4016	0.238	ug/l	# 1
34) Propionitrile	4.788	54	49598	112.648	ug/l	# 97
35) Benzene	5.769	78	251058	9.971	ug/l	99
36) 1,2-Dichloroethane	5.791	62	70278	9.811	ug/l	99
37) Trichloroethene	6.541	130	64620	9.543	ug/l	98
38) 1,2-Dichloropropane	6.785	63	69061	9.703	ug/l	95
39) Methacrylonitrile	4.972	41	16780	9.506	ug/l	93
40) Methyl acrylate	4.846	55	29362	10.462	ug/l	# 94
41) Tetrahydrofuran	5.062	42	44653	44.242	ug/l	94
42) 1-Chlorobutane	5.454	56	103036	9.787	ug/l	100
43) Dibromomethane	6.917	93	35355	10.575	ug/l	96
44) Bromodichloromethane	7.103	83	92634	9.945	ug/l	100
45) 4-Methyl-2-Pentanone	7.788	43	191968	49.212	ug/l	99

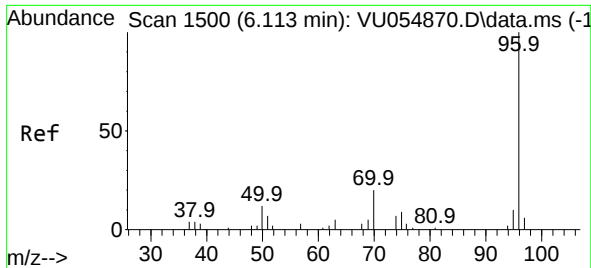
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.820	75	58648	37.365	ug/l #	38
47) Methyl methacrylate	6.962	69	32611	10.670	ug/l	96
48) Ethyl methacrylate	8.328	69	62379	10.090	ug/l	100
49) Toluene	7.965	92	157778	9.837	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	83718	10.123	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	102717	10.105	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	49216	9.286	ug/l	94
53) 1,3-Dichloropropane	8.573	76	85037	9.919	ug/l	96
54) 2-Hexanone	8.682	43	133966	48.330	ug/l	98
55) Dibromochloromethane	8.807	129	59977	9.877	ug/l	99
56) 1,2-Dibromoethane	8.920	107	46802	10.420	ug/l	100
58) Tetrachloroethene	8.550	164	59824	10.121	ug/l	97
59) Chlorobenzene	9.444	112	177534	9.121	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	66340	9.654	ug/l	97
61) Pentachloroethane	11.421	117	53773	10.016	ug/l	100
62) Hexachloroethane	12.470	117	55813	10.109	ug/l	97
63) Ethyl Benzene	9.566	91	325432	9.964	ug/l	100
64) m/p-Xylenes	9.692	106	246824	20.199	ug/l	98
65) o-Xylene	10.097	106	123237	9.819	ug/l	97
66) Styrene	10.110	104	206660	10.298	ug/l	99
67) Bromoform	10.286	173	32892	10.445	ug/l	98
69) Isopropylbenzene	10.479	105	331134	9.827	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	63882	9.738	ug/l	96
71) 1,2,3-Trichloropropane	10.820	75	58648	12.551	ug/l #	84
72) Bromobenzene	10.778	156	76630	10.214	ug/l	99
73) n-propylbenzene	10.904	120	90777	10.066	ug/l	96
74) 2-Chlorotoluene	10.981	126	80269	10.282	ug/l	94
75) 1,3,5-Trimethylbenzene	11.084	105	280639	10.284	ug/l	99
76) 4-Chlorotoluene	11.094	126	83143	10.251	ug/l	98
77) tert-Butylbenzene	11.415	119	284701	10.033	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	272947	9.771	ug/l	98
79) sec-Butylbenzene	11.640	105	376278	10.200	ug/l	100
80) Nitrobenzene	13.212	77	1571	9.115	ug/l #	76
81) p-Isopropyltoluene	11.788	119	303750	10.433	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	156600	9.805	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	153096	9.616	ug/l	99
84) n-Butylbenzene	12.206	91	268609	10.271	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	147309	9.622	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	9190	10.537	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	92759	9.499	ug/l	99
88) Hexachlorobutadiene	14.016	225	52728	10.125	ug/l	97
89) Naphthalene	14.084	128	142719	9.438	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	81218	9.374	ug/l	99

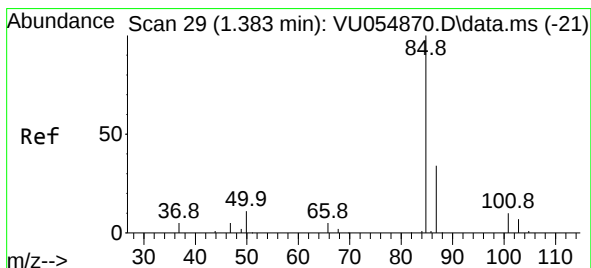
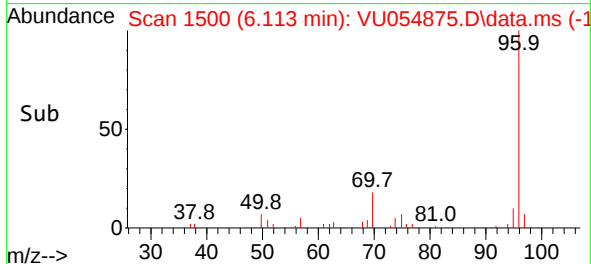
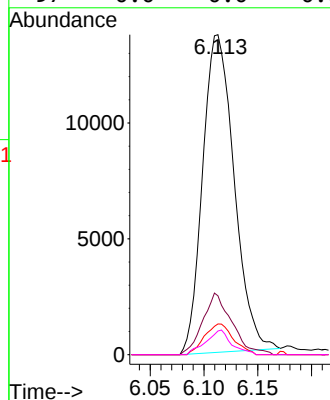
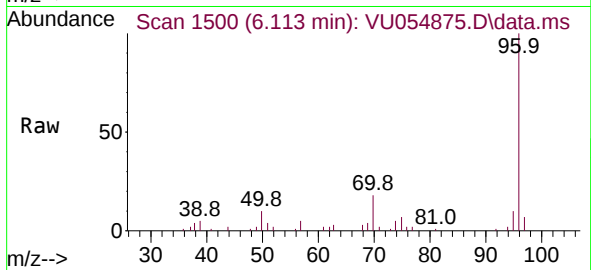
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

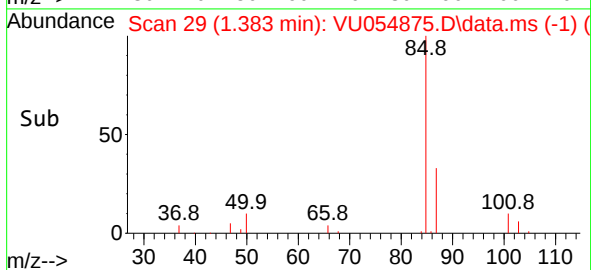
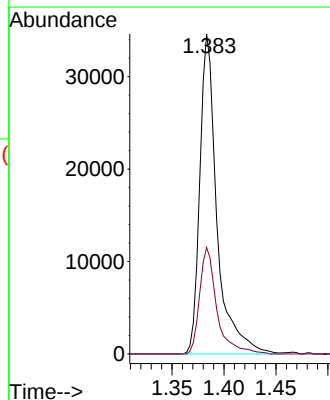
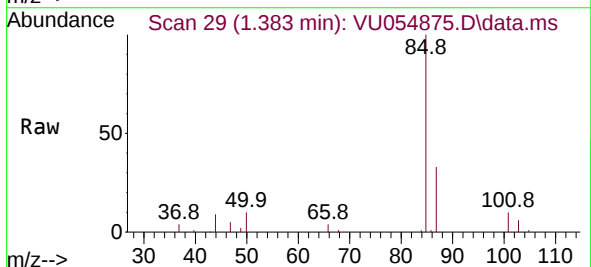
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

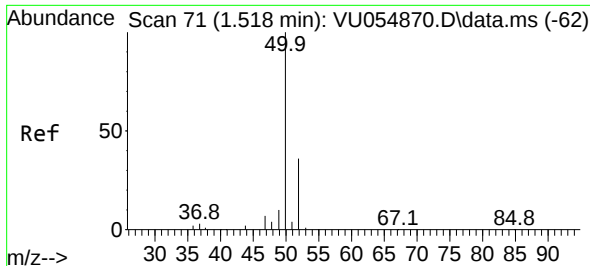
Tgt Ion:	96	Resp:	27955
Ion Ratio	Lower	Upper	
96	100		
70	17.9	14.0	21.0
95	8.9	8.7	13.1
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 7.460 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:	85	Resp:	39713
Ion Ratio	Lower	Upper	
85	100		
87	33.2	16.2	48.6

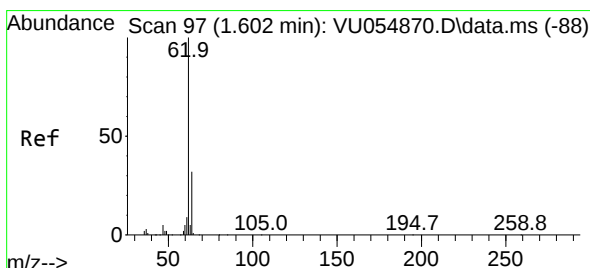
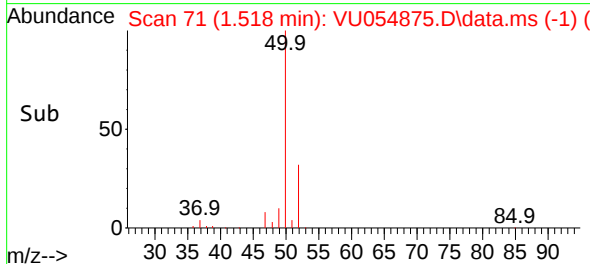
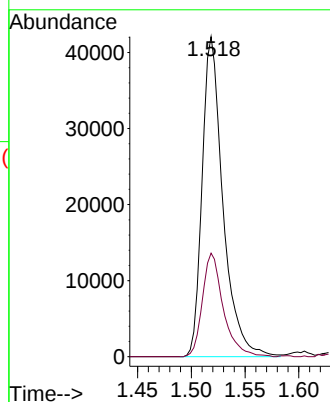
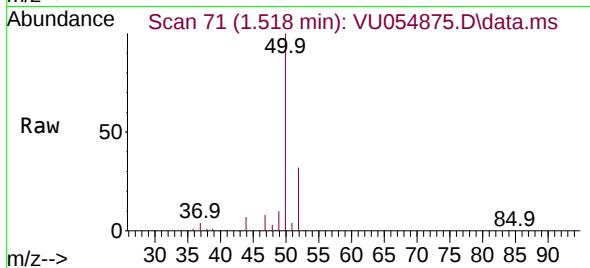




#3
Chloromethane
Concen: 9.490 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

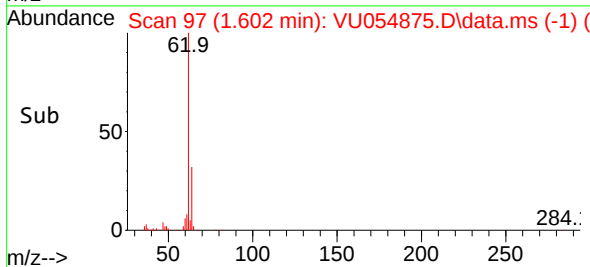
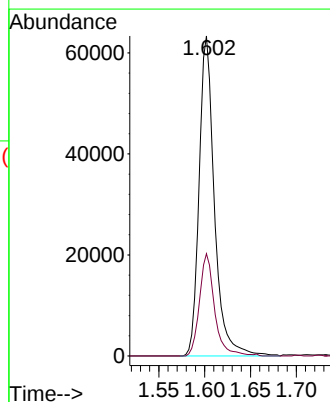
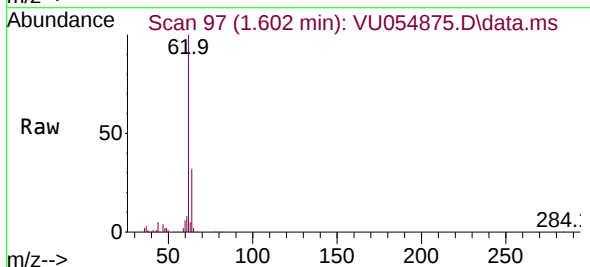
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ClientSampleId :
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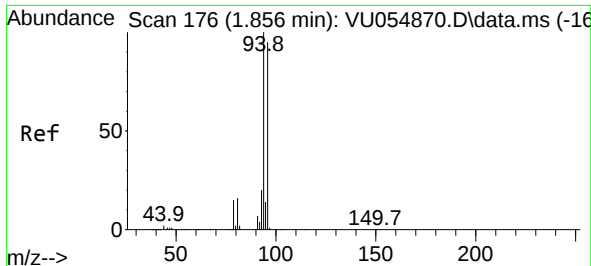
Tgt Ion: 50 Resp: 56753
Ion Ratio Lower Upper
50 100
52 32.4 28.2 42.2



#4
Vinyl Chloride
Concen: 9.213 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 62 Resp: 73579
Ion Ratio Lower Upper
62 100
64 32.0 26.4 39.6

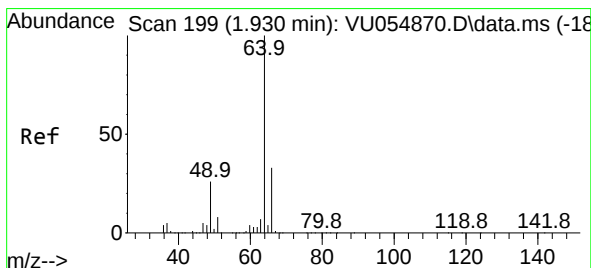
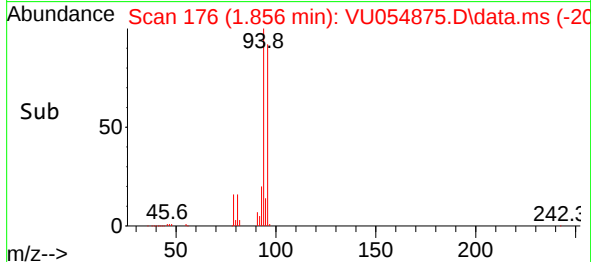
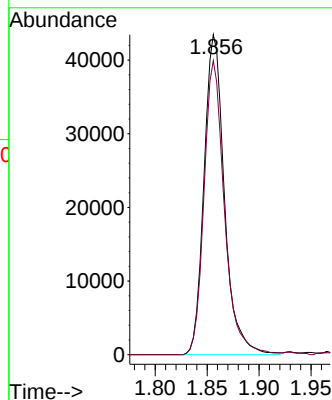
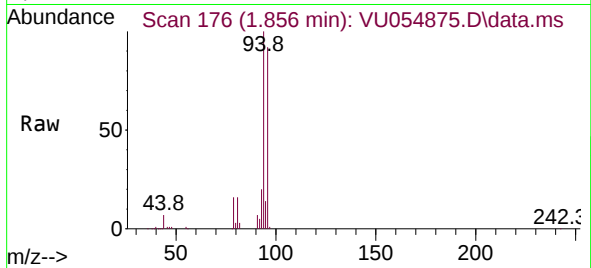




#5
Bromomethane
Concen: 9.342 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

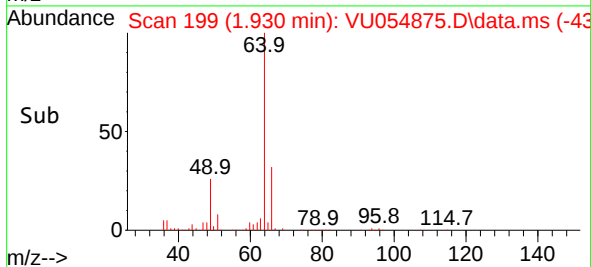
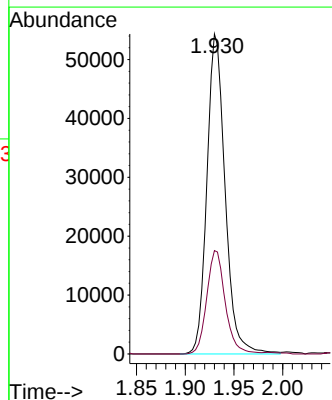
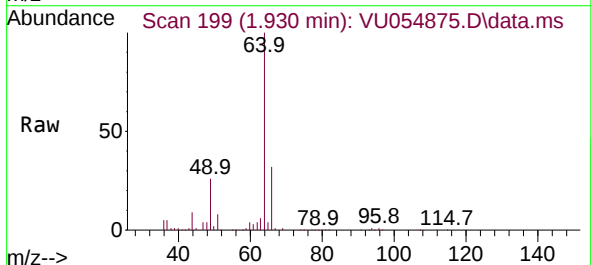
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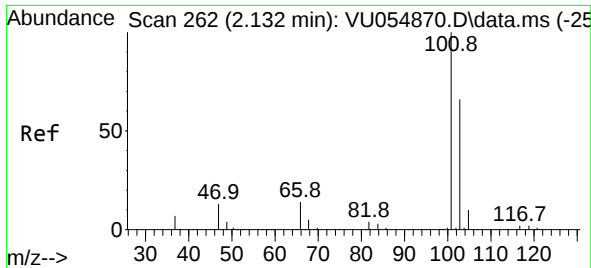
Tgt Ion: 94 Resp: 59192
Ion Ratio Lower Upper
94 100
96 91.8 74.6 111.8



#6
Chloroethane
Concen: 8.551 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 64 Resp: 70584
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

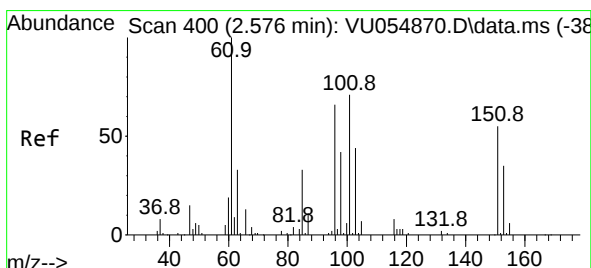
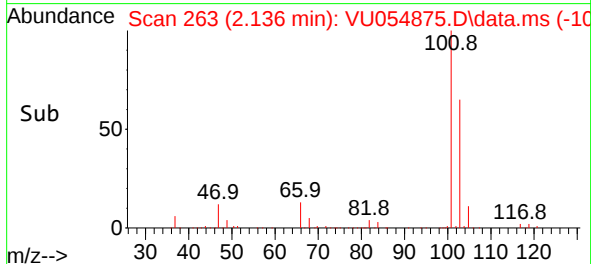
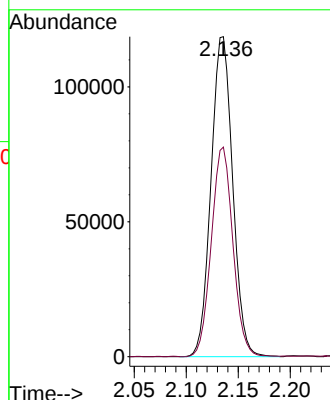
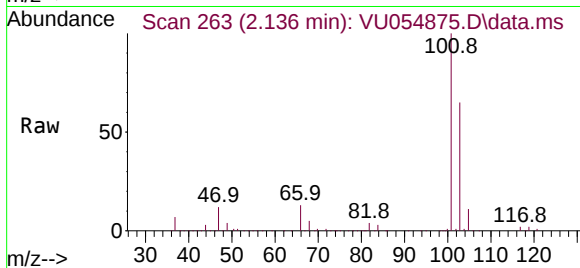




#7
Trichlorofluoromethane
Concen: 9.164 ug/l
RT: 2.136 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

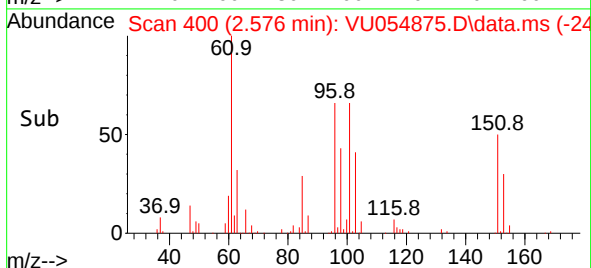
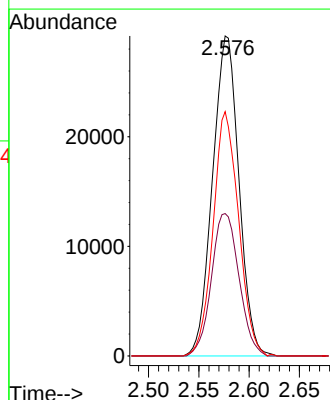
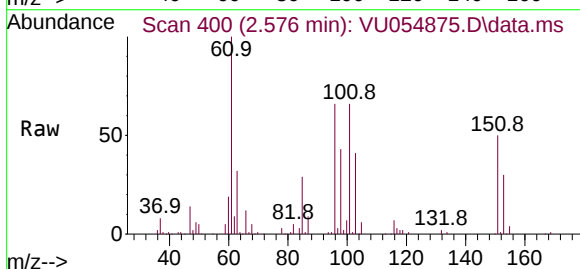
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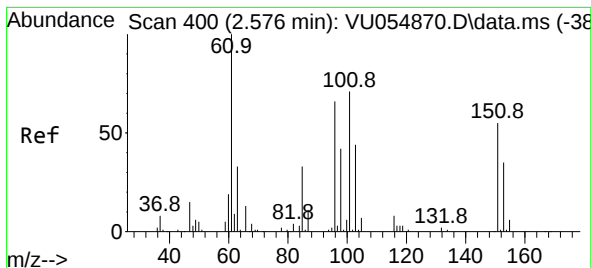
Tgt Ion:101 Resp: 171936
Ion Ratio Lower Upper
101 100
103 65.5 52.9 79.3



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.761 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:101 Resp: 53269
Ion Ratio Lower Upper
101 100
85 46.5 34.8 52.2
151 73.9 60.5 90.7





#9

1,1-Dichloroethene

Concen: 9.771 ug/l

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072623

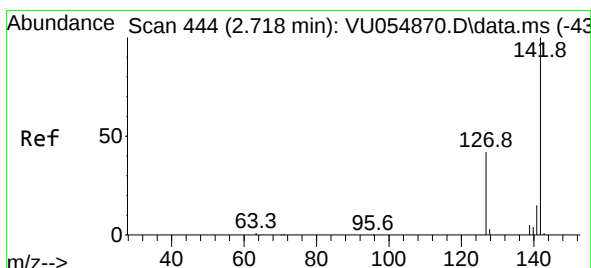
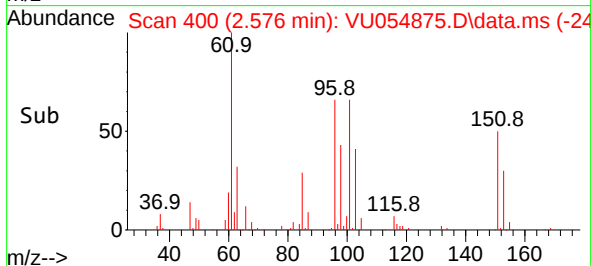
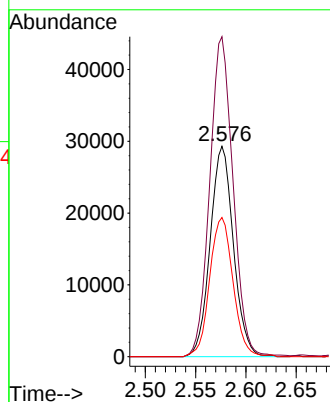
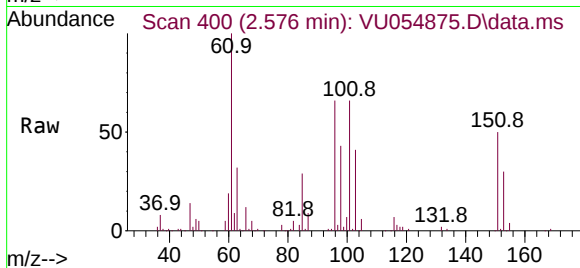
Tgt Ion: 96 Resp: 47160

Ion Ratio Lower Upper

96 100

61 152.1 0.0 440.1

98 66.2 0.0 121.8



#10

Iodomethane

Concen: 10.065 ug/l

RT: 2.718 min Scan# 444

Delta R.T. 0.000 min

Lab File: VU054875.D

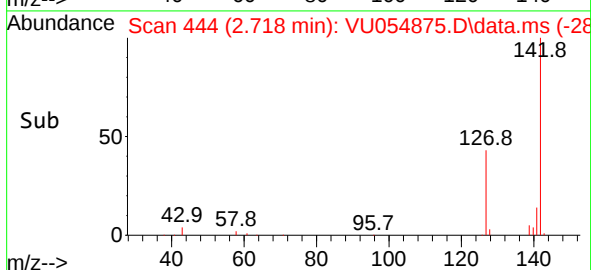
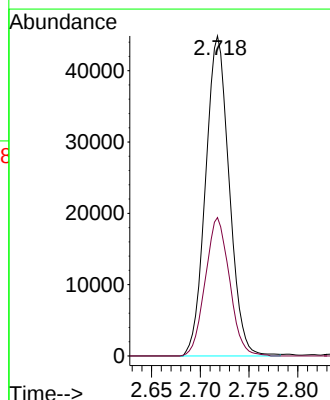
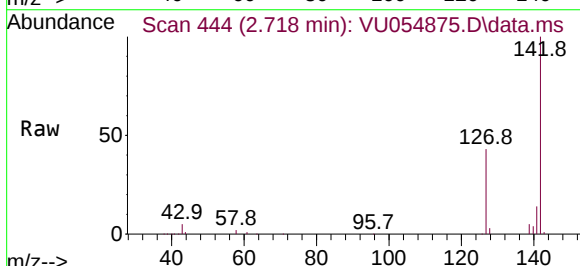
Acq: 26 Jul 2023 13:21

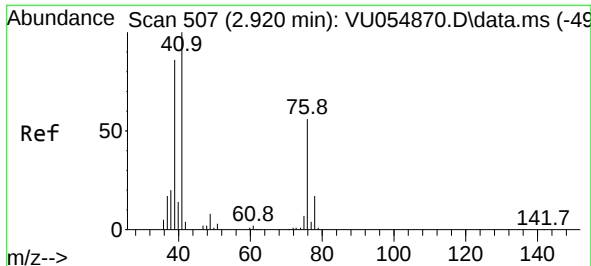
Tgt Ion: 142 Resp: 75834

Ion Ratio Lower Upper

142 100

127 44.2 34.3 51.5





#11

Allyl Chloride

Concen: 10.275 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

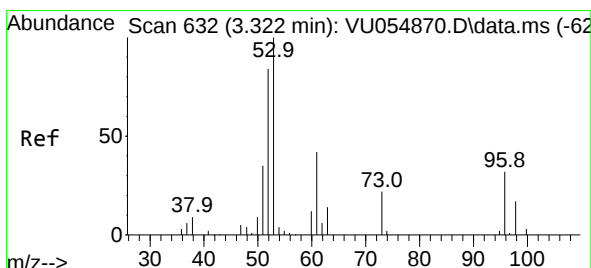
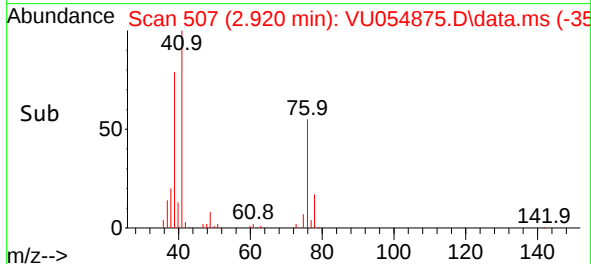
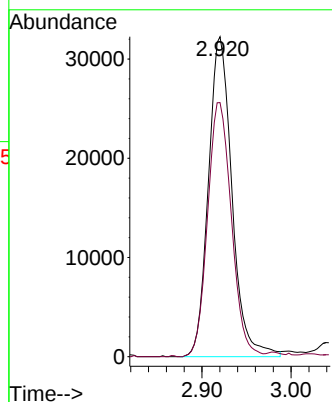
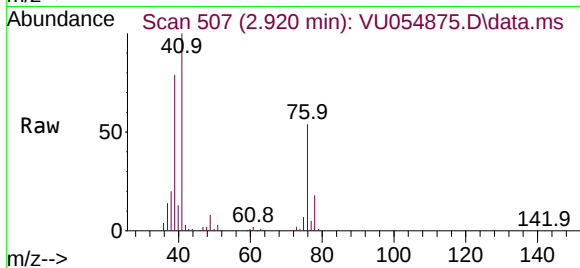
ICVVU072623

Tgt Ion: 41 Resp: 59267

Ion Ratio Lower Upper

41 100

39 80.3 70.2 105.2



#12

Acrylonitrile

Concen: 46.713 ug/l

RT: 3.319 min Scan# 631

Delta R.T. -0.003 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

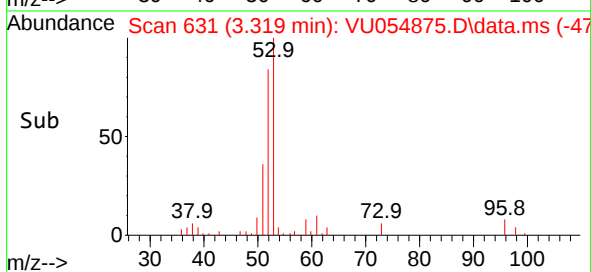
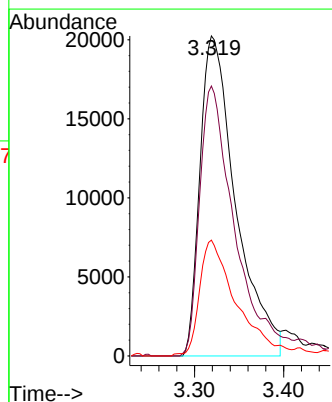
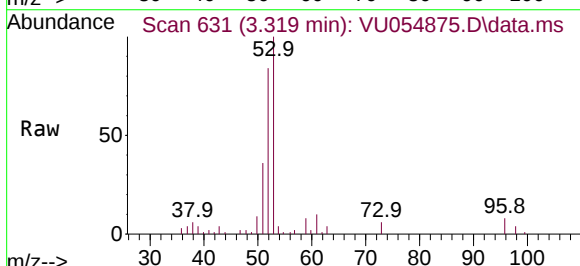
Tgt Ion: 53 Resp: 56581

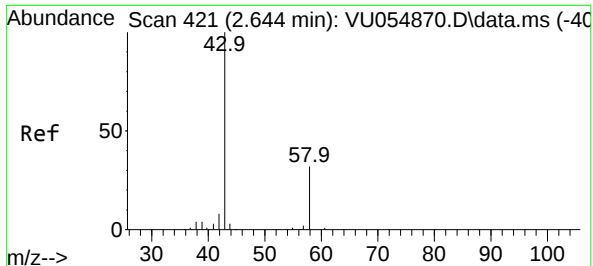
Ion Ratio Lower Upper

53 100

52 83.2 64.2 96.4

51 37.2 33.6 50.4





#13

Acetone

Concen: 36.886 ug/l

RT: 2.650 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

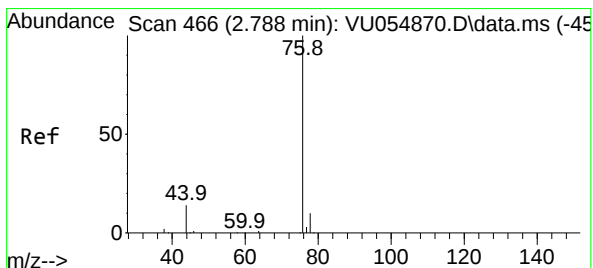
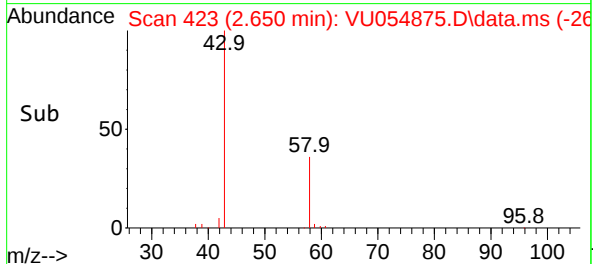
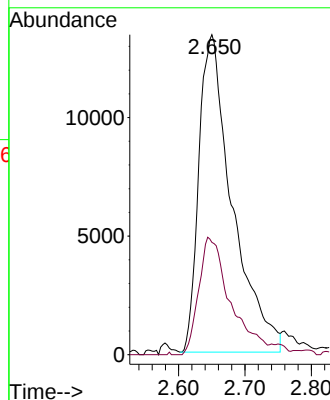
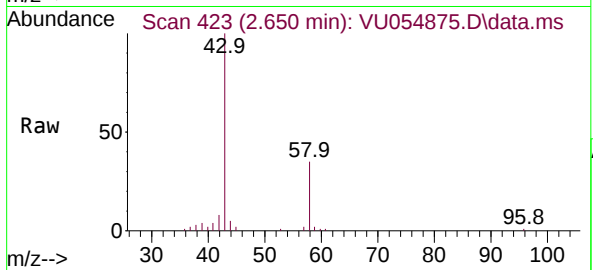
ICVVU072623

Tgt Ion: 43 Resp: 46697

Ion Ratio Lower Upper

43 100

58 34.1 30.7 46.1



#14

Carbon Disulfide

Concen: 11.054 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054875.D

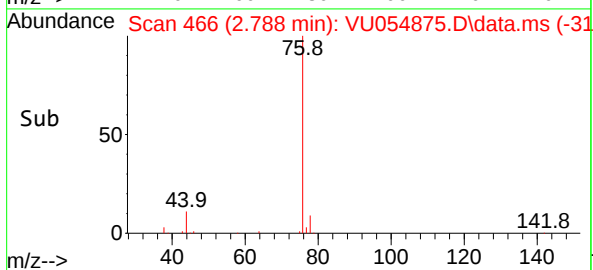
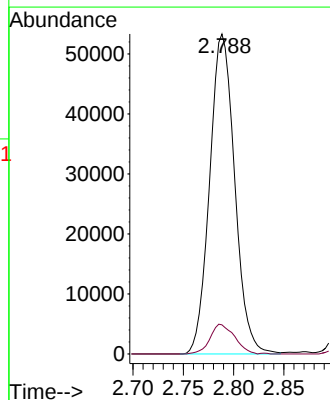
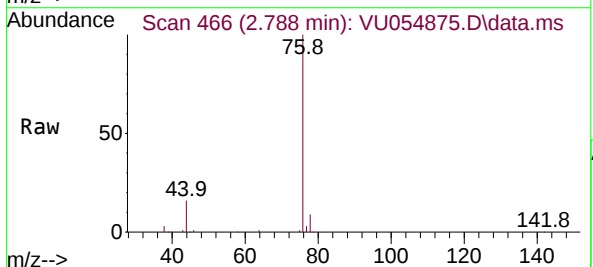
Acq: 26 Jul 2023 13:21

Tgt Ion: 76 Resp: 92423

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



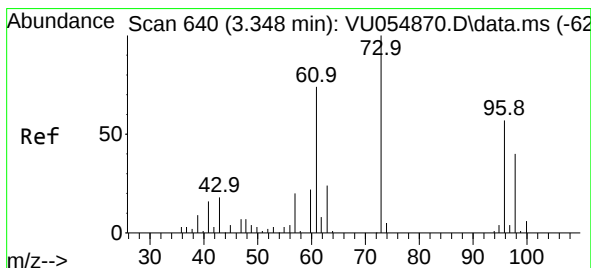
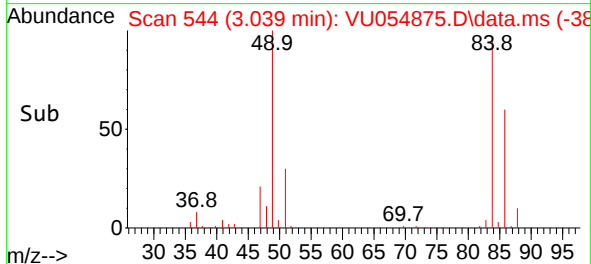
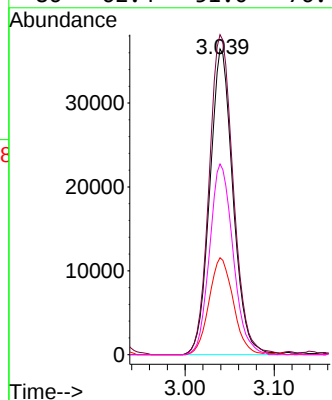
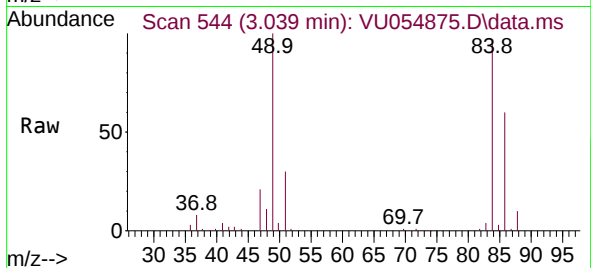


#15
Methylene Chloride
Concen: 10.718 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

Tgt Ion: 84 Resp: 65993

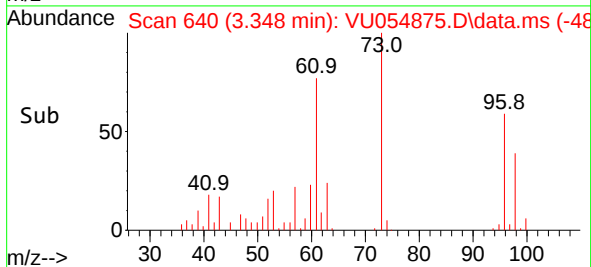
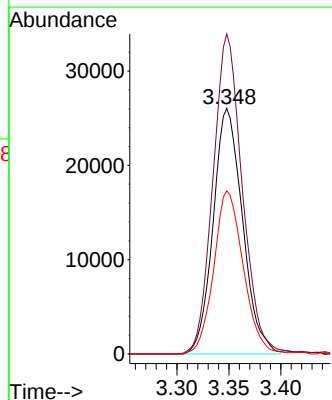
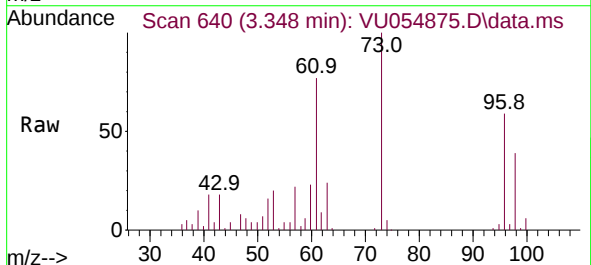
Ion	Ratio	Lower	Upper
84	100		
49	104.7	87.8	131.6
51	31.7	0.0	68.2
86	62.4	51.0	76.4

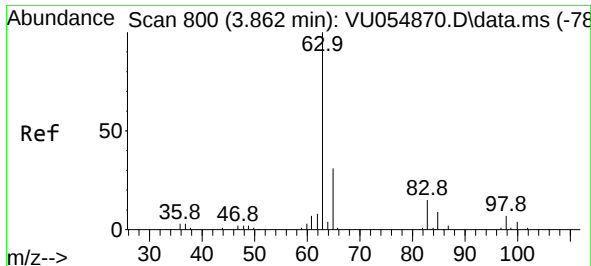


#16
trans-1,2-Dichloroethene
Concen: 9.751 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 96 Resp: 51232

Ion	Ratio	Lower	Upper
96	100		
61	130.4	96.4	144.6
98	66.5	49.3	73.9

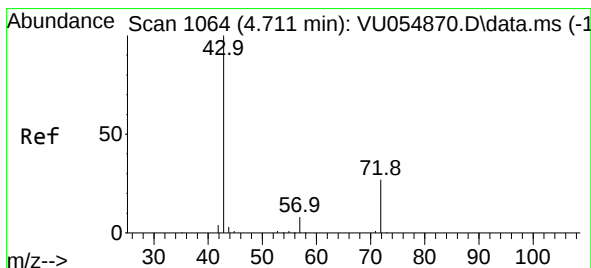
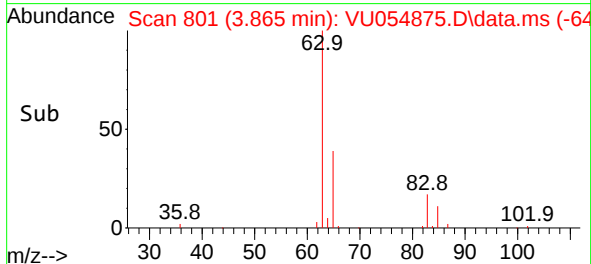
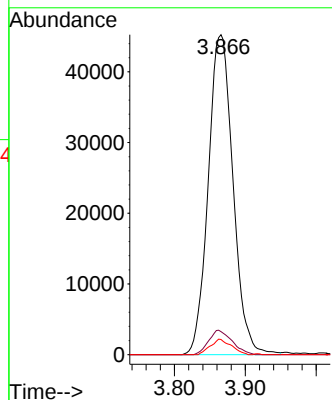
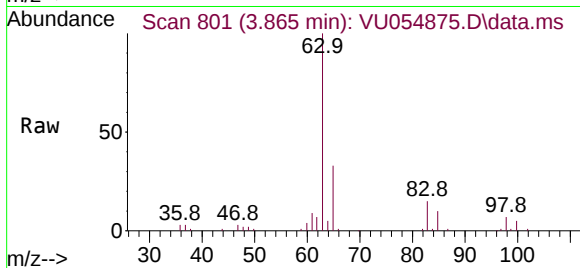




#17
 1,1-Dichloroethane
 Concen: 9.362 ug/l
 RT: 3.865 min Scan# 800
 Delta R.T. 0.003 min
 Lab File: VU054875.D
 Acq: 26 Jul 2023 13:21

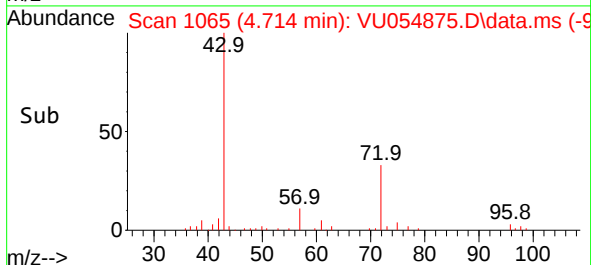
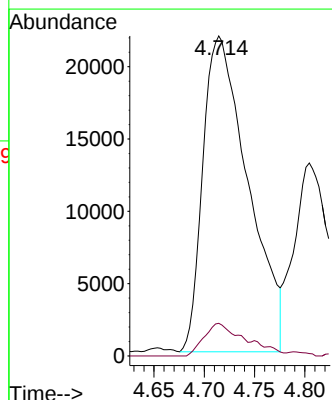
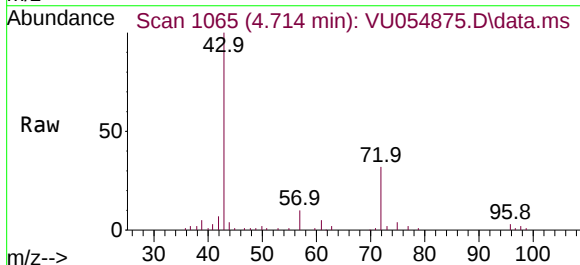
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072623

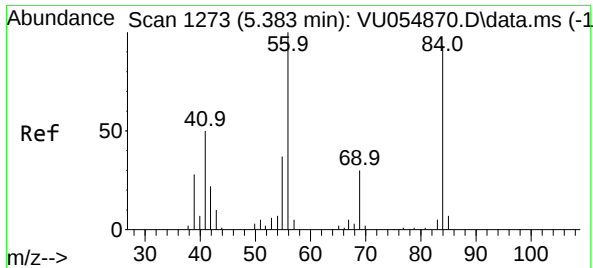
Tgt Ion: 63 Resp: 110011
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 4.7 2.8 8.4



#18
 2-Butanone
 Concen: 42.669 ug/l
 RT: 4.714 min Scan# 1065
 Delta R.T. 0.003 min
 Lab File: VU054875.D
 Acq: 26 Jul 2023 13:21

Tgt Ion: 43 Resp: 68144
 Ion Ratio Lower Upper
 43 100
 57 10.4 0.0 20.8

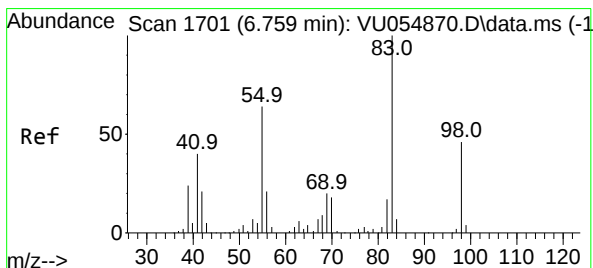
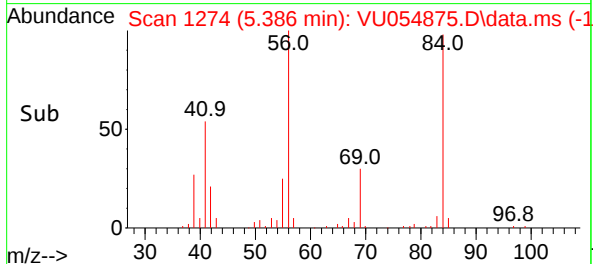
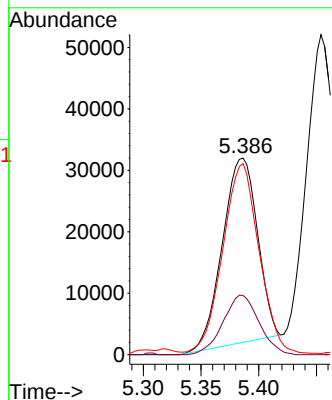
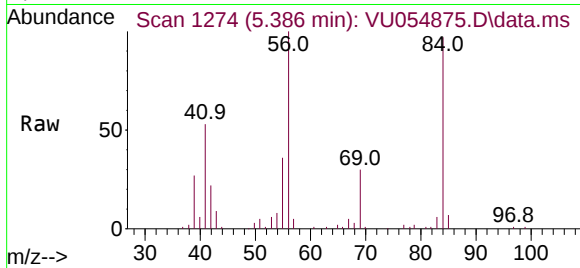




#19
Cyclohexane
Concen: 9.617 ug/l
RT: 5.386 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

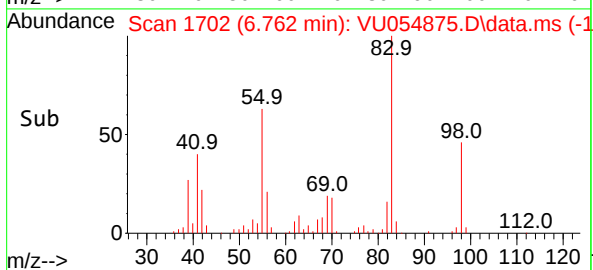
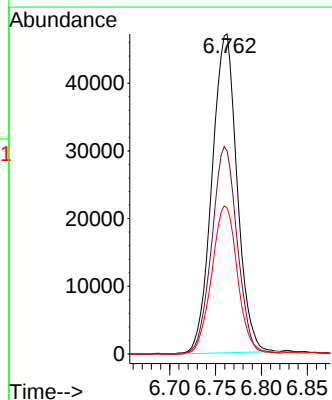
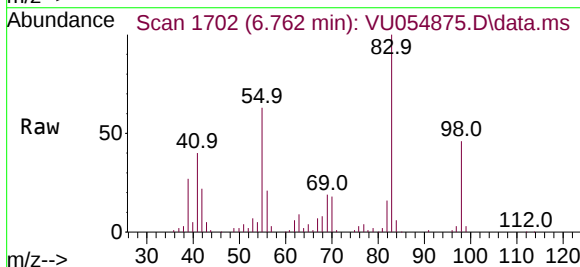
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

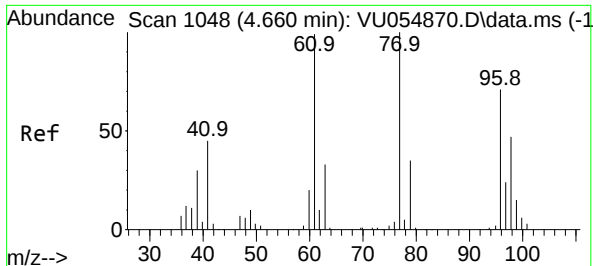
Tgt Ion:	56	Resp:	63593
Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.7	37.1
84	105.0	76.5	114.7



#20
Methylcyclohexane
Concen: 10.146 ug/l
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:	83	Resp:	89710
Ion	Ratio	Lower	Upper
83	100		
55	65.3	51.6	77.4
98	47.4	38.2	57.2





#21

2,2-Dichloropropane

Concen: 9.233 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

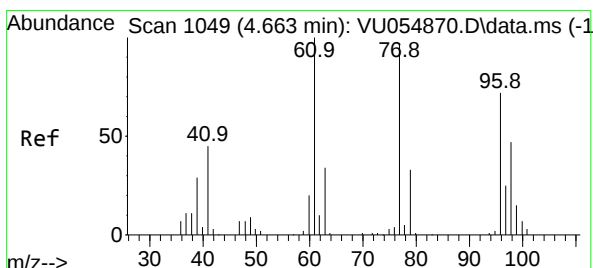
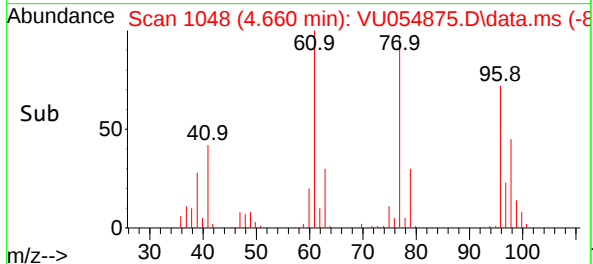
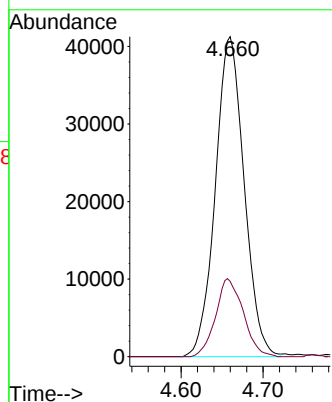
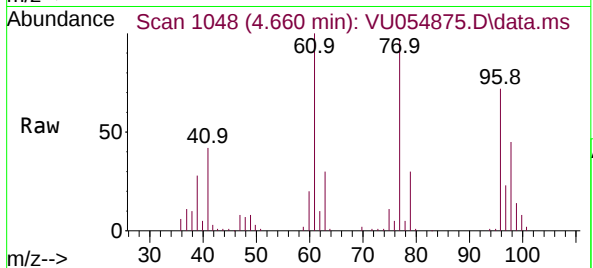
ICVVU072623

Tgt Ion: 77 Resp: 100571

Ion Ratio Lower Upper

77 100

97 23.5 18.0 27.0



#22

cis-1,2-Dichloroethene

Concen: 10.347 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

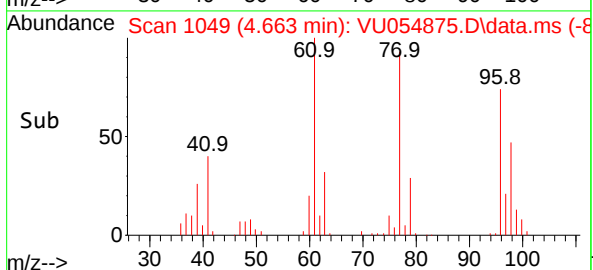
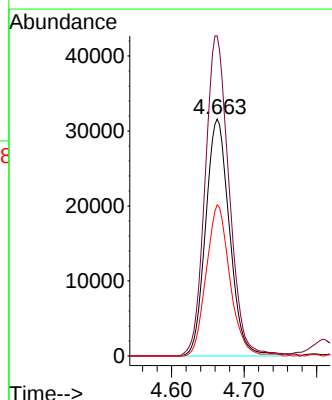
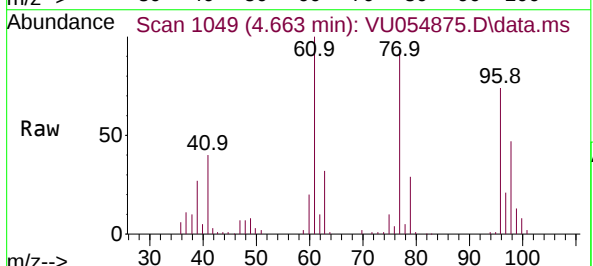
Tgt Ion: 96 Resp: 72246

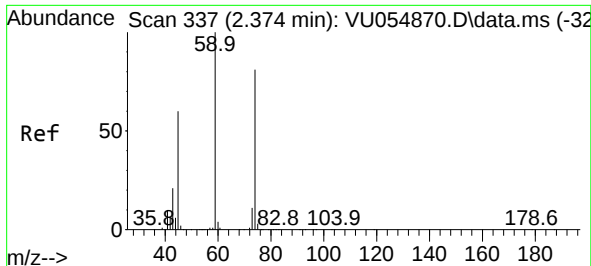
Ion Ratio Lower Upper

96 100

61 136.0 0.0 332.0

98 62.7 32.5 97.5

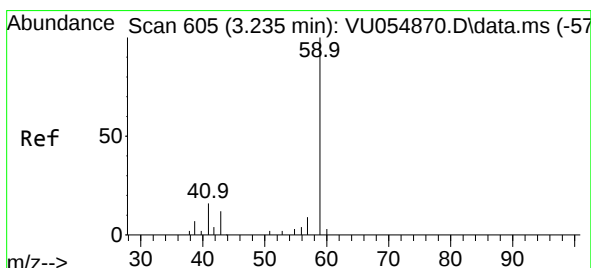
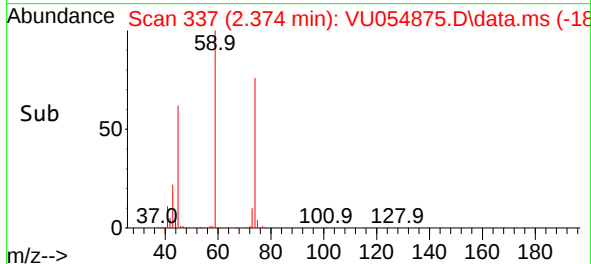
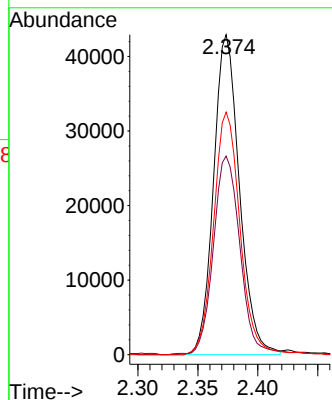
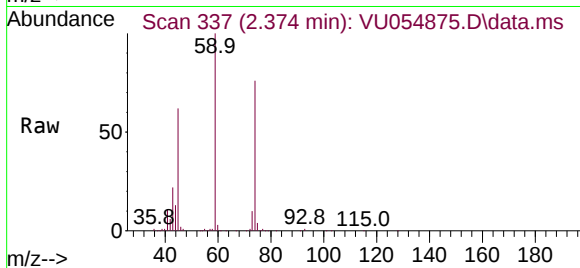




#23
Diethyl Ether
Concen: 9.041 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

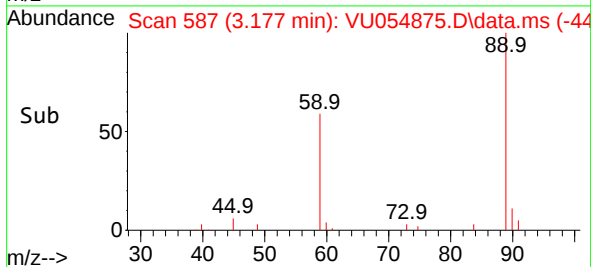
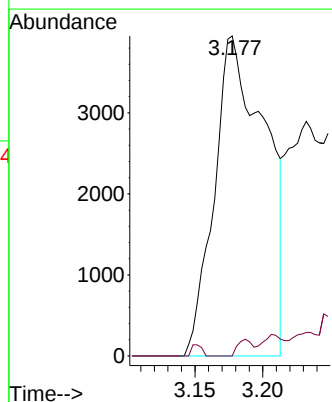
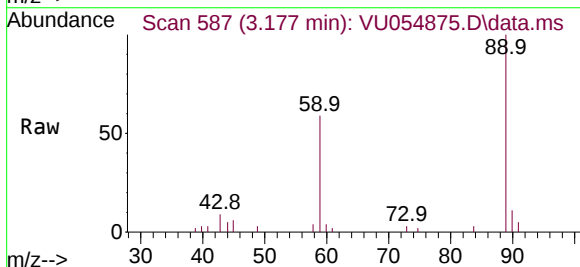
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

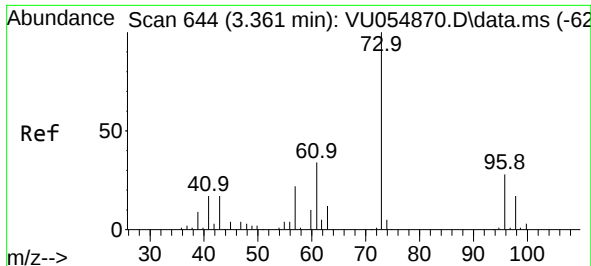
Tgt Ion: 59 Resp: 64373
Ion Ratio Lower Upper
59 100
45 64.6 51.4 77.0
74 77.2 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 15.600 ug/l
RT: 3.177 min Scan# 587
Delta R.T. -0.058 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 59 Resp: 10334
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#

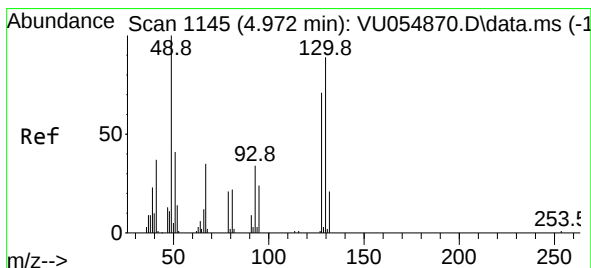
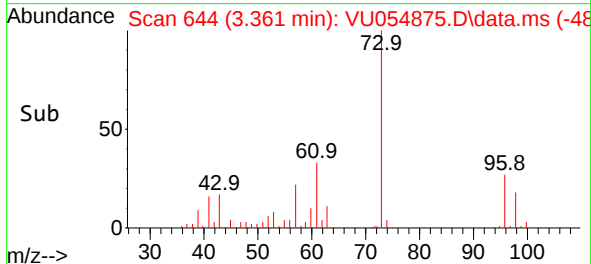
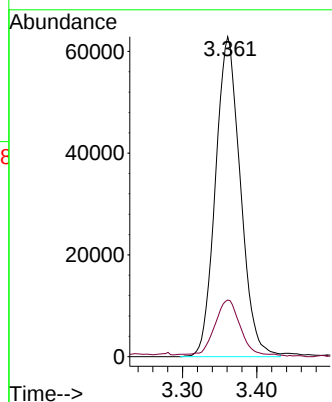
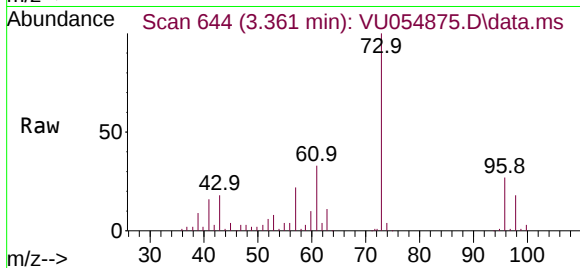




#25
Methyl tert-Butyl Ether
Concen: 9.823 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

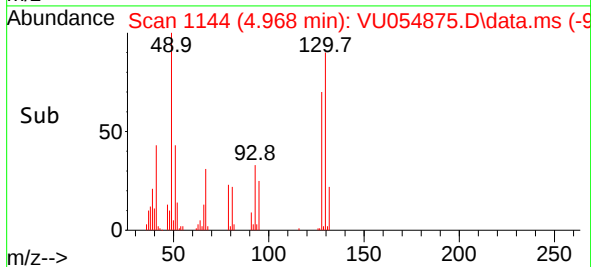
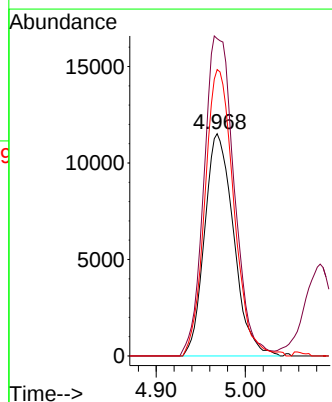
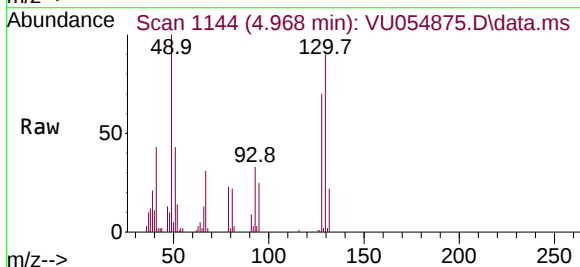
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

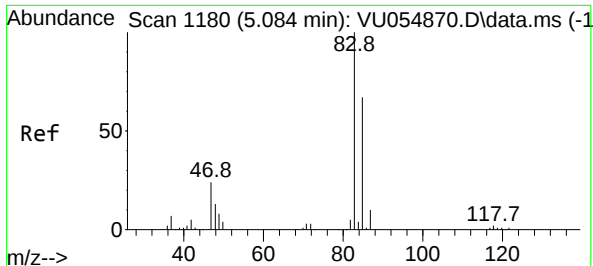
Tgt Ion: 73 Resp: 146707
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0



#26
Bromochloromethane
Concen: 9.097 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 128 Resp: 26052
Ion Ratio Lower Upper
128 100
49 149.8 0.0 304.0
130 128.5 104.3 156.5





#27

Chloroform

Concen: 9.781 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

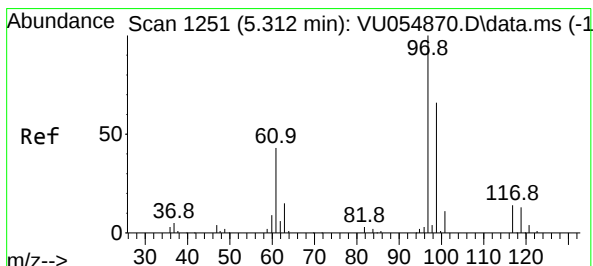
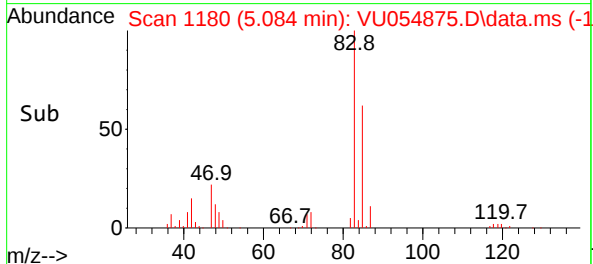
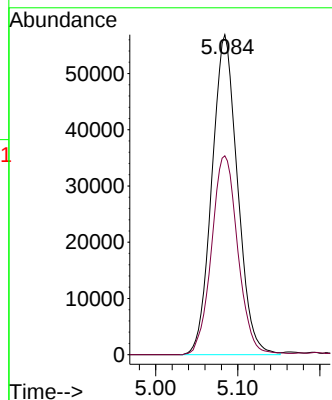
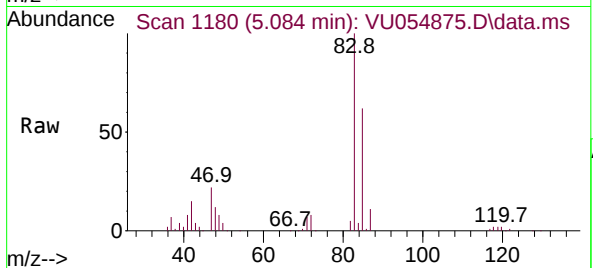
ICVVU072623

Tgt Ion: 83 Resp: 123441

Ion Ratio Lower Upper

83 100

85 62.2 0.0 135.2



#28

1,1,1-Trichloroethane

Concen: 9.315 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

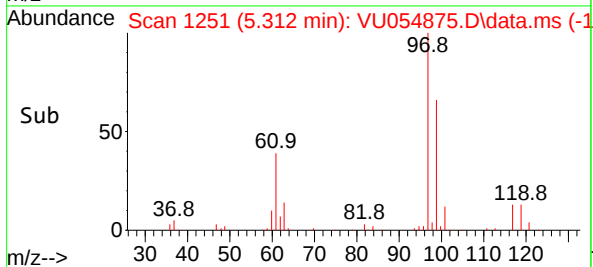
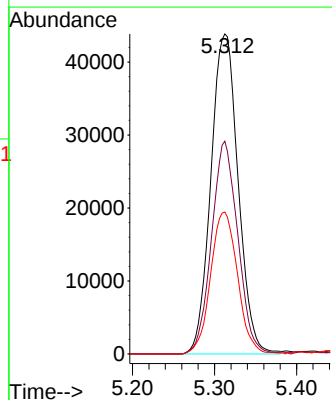
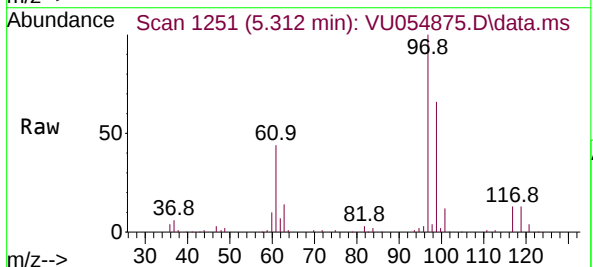
Tgt Ion: 97 Resp: 101525

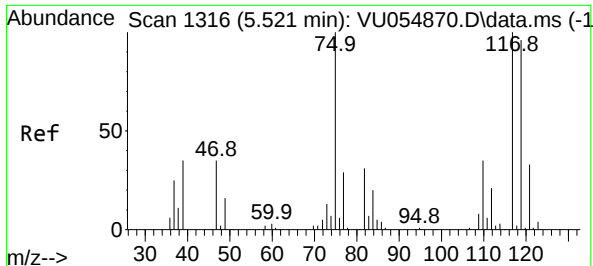
Ion Ratio Lower Upper

97 100

99 64.0 32.0 96.2

61 43.9 21.0 63.0





#29

1,1-Dichloropropene

Concen: 9.704 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072623

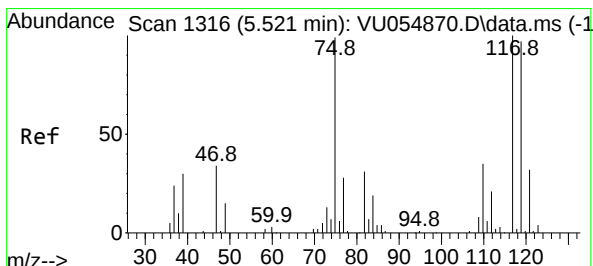
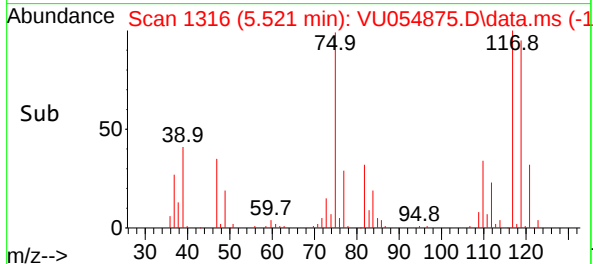
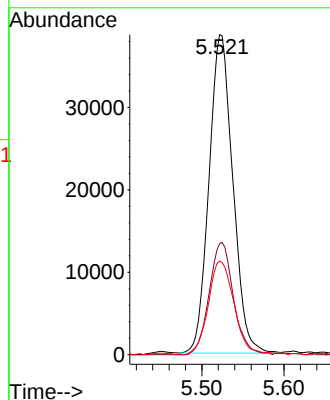
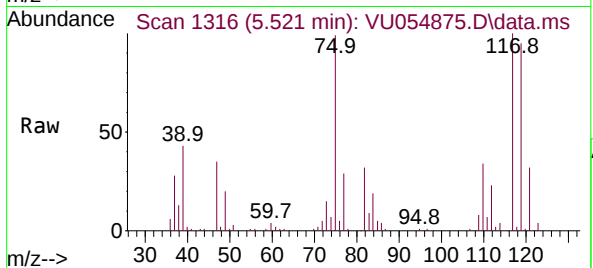
Tgt Ion: 75 Resp: 78022

Ion Ratio Lower Upper

75 100

110 35.8 18.5 55.5

77 31.9 24.9 37.3



#30

Carbon Tetrachloride

Concen: 9.640 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

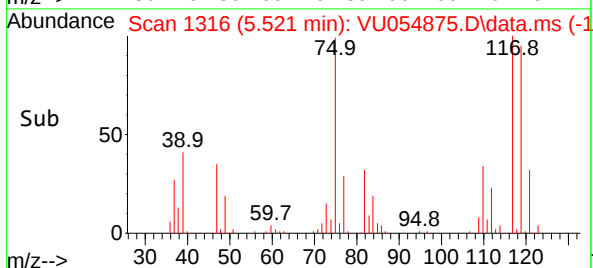
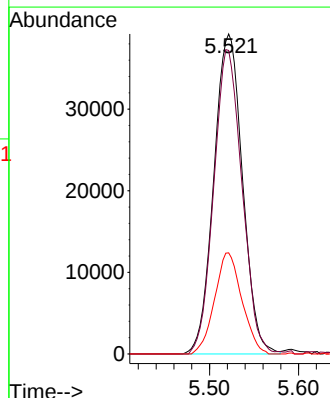
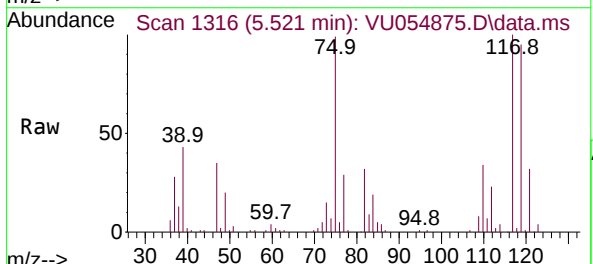
Tgt Ion: 117 Resp: 87706

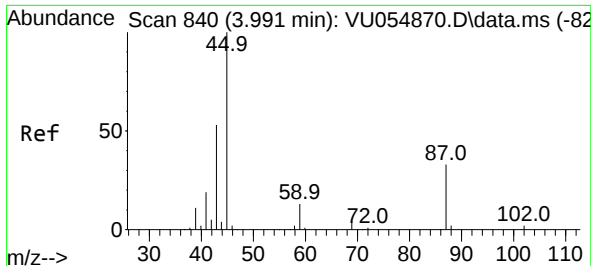
Ion Ratio Lower Upper

117 100

119 94.9 75.6 113.4

121 31.6 23.4 35.0

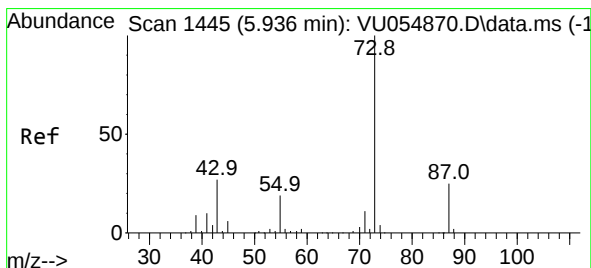
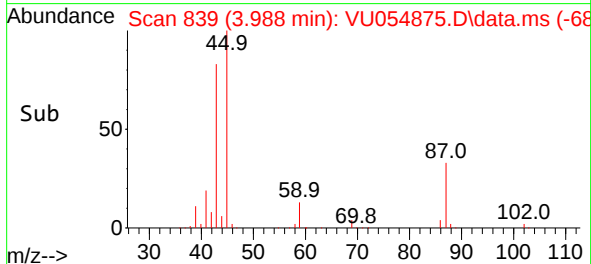
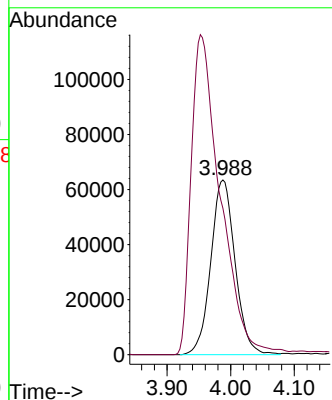
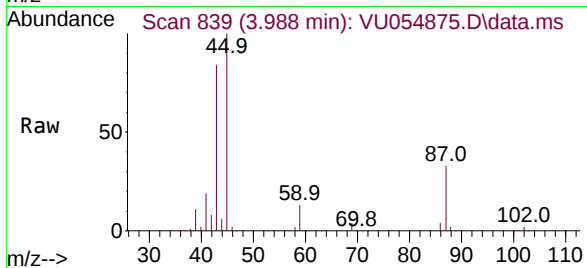




#31
Isopropyl Ether
Concen: 9.719 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

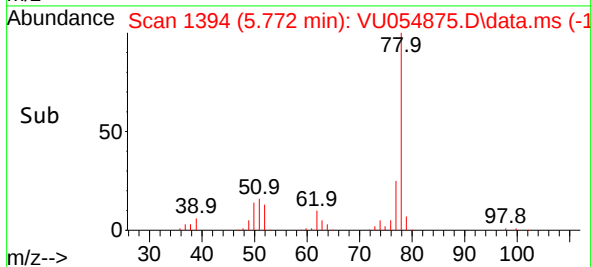
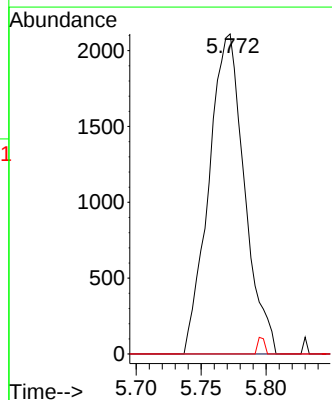
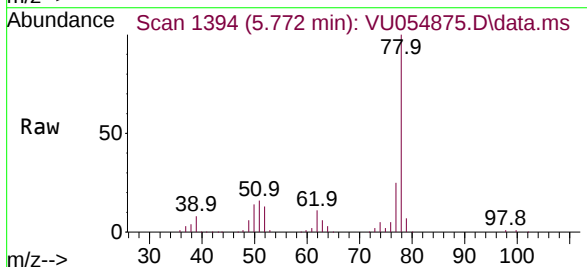
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

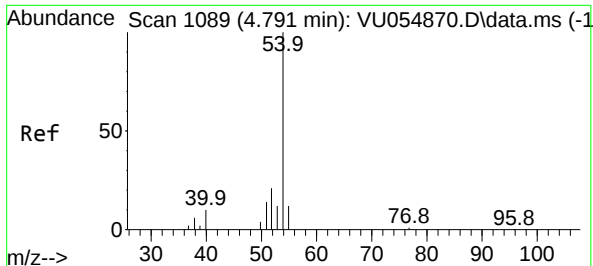
Tgt Ion: 45 Resp: 168573
Ion Ratio Lower Upper
45 100
43 218.9 26.4 79.2#



#33
Tert-Amyl methyl ether
Concen: 0.238 ug/l
RT: 5.772 min Scan# 1394
Delta R.T. -0.164 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 73 Resp: 4016
Ion Ratio Lower Upper
73 100
87 277.3 19.6 29.4#
71 1.0 9.1 13.7#

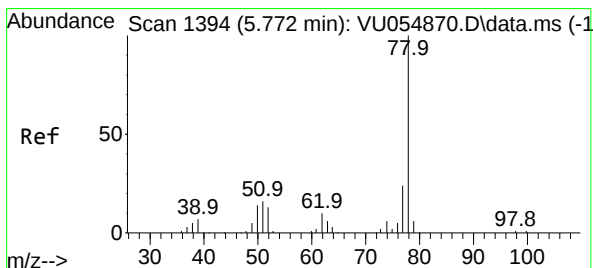
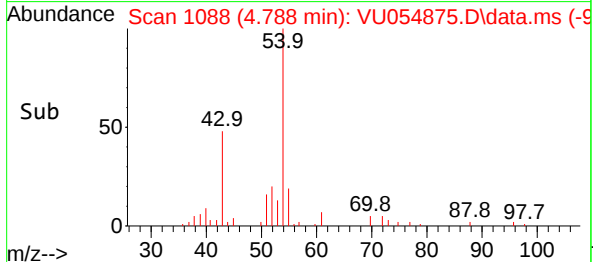
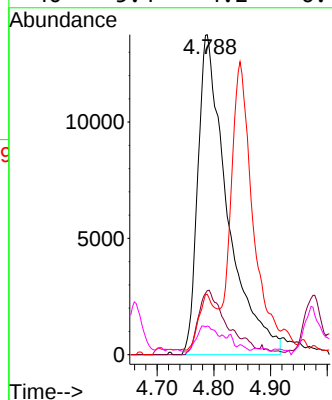
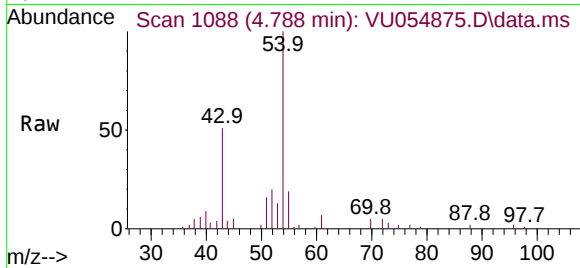




#34
 Propionitrile
 Concen: 112.648 ug/l
 RT: 4.788 min Scan# 1088
 Delta R.T. -0.003 min
 Lab File: VU054875.D
 Acq: 26 Jul 2023 13:21

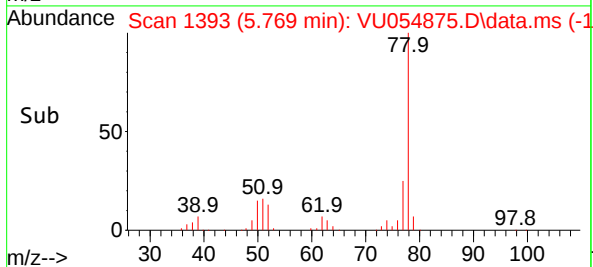
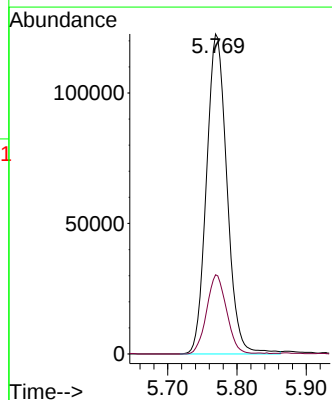
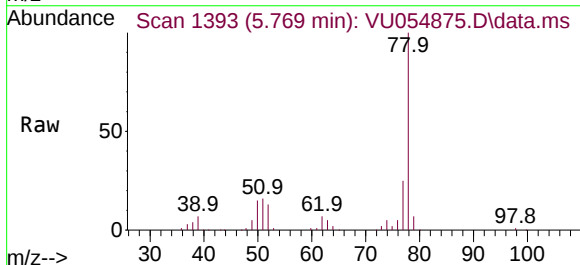
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072623

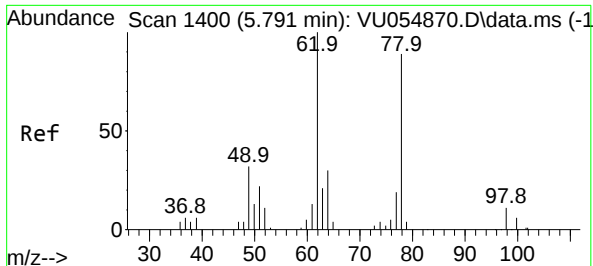
Tgt Ion: 54	Resp: 49598
Ion Ratio	Lower Upper
54	100
52	18.0 13.8 20.8
55	9.8 4.8 7.2#
40	5.4 4.2 6.4



#35
 Benzene
 Concen: 9.971 ug/l
 RT: 5.769 min Scan# 1393
 Delta R.T. -0.003 min
 Lab File: VU054875.D
 Acq: 26 Jul 2023 13:21

Tgt Ion: 78	Resp: 251058
Ion Ratio	Lower Upper
78	100
77	24.7 19.4 29.2





#36

1,2-Dichloroethane

Concen: 9.811 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

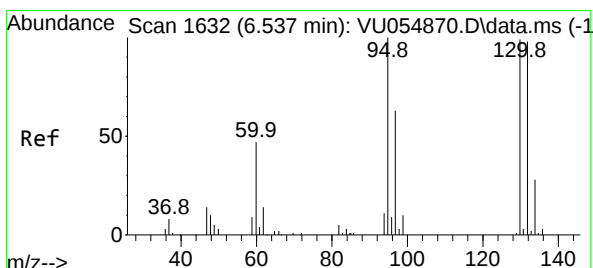
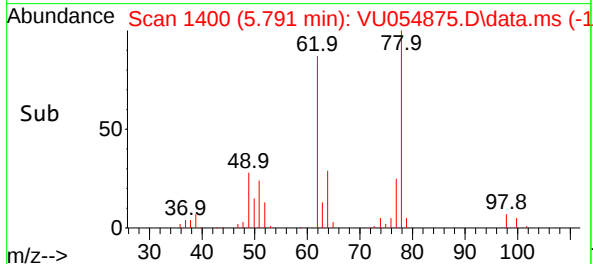
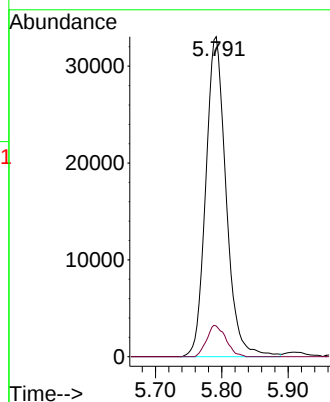
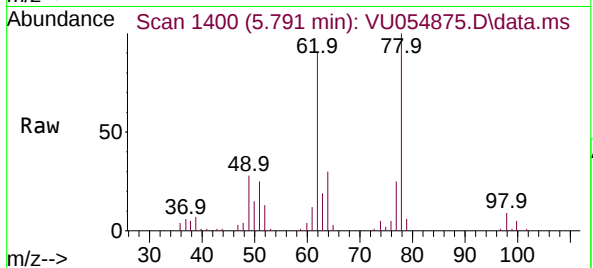
ICVVU072623

Tgt Ion: 62 Resp: 70278

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8



#37

Trichloroethene

Concen: 9.543 ug/l

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU054875.D

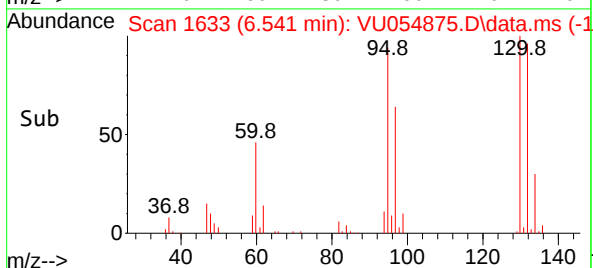
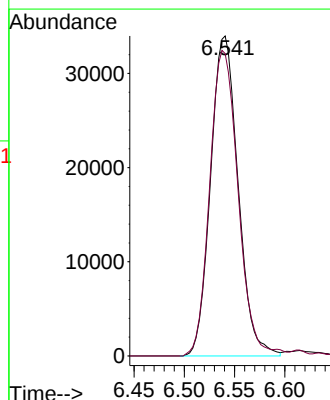
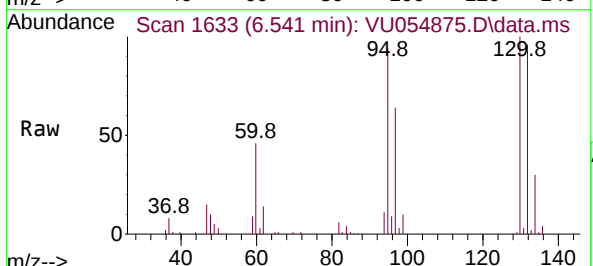
Acq: 26 Jul 2023 13:21

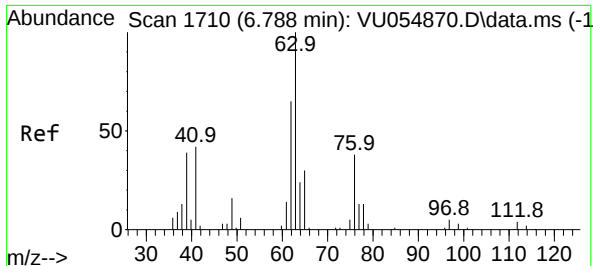
Tgt Ion: 130 Resp: 64620

Ion Ratio Lower Upper

130 100

95 94.5 76.8 115.2





#38

1,2-Dichloropropane

Concen: 9.703 ug/l

RT: 6.785 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

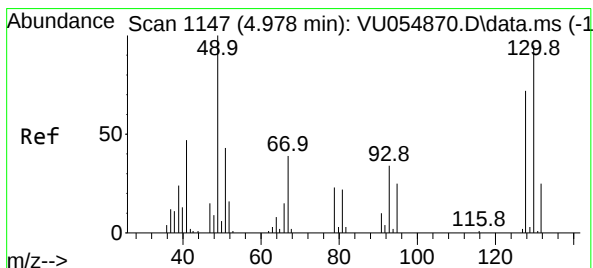
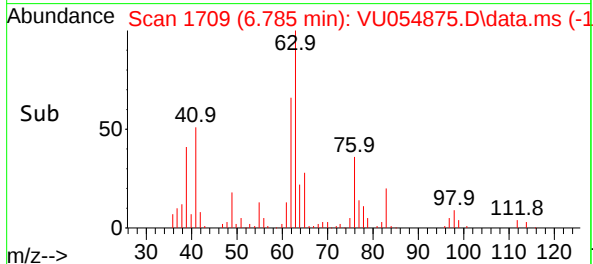
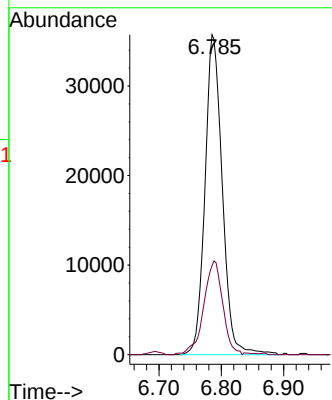
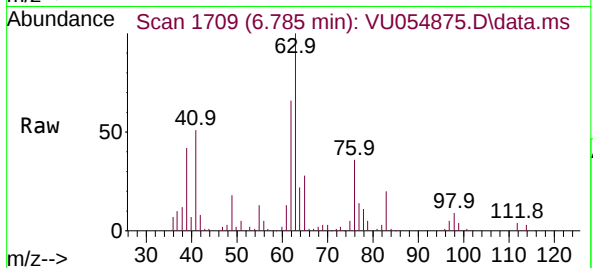
ICVVU072623

Tgt Ion: 63 Resp: 69061

Ion Ratio Lower Upper

63 100

65 27.9 24.3 36.5



#39

Methacrylonitrile

Concen: 9.506 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Tgt Ion: 41 Resp: 16780

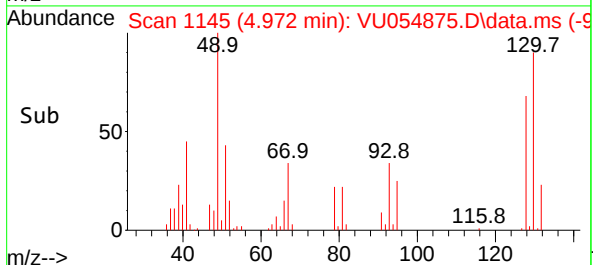
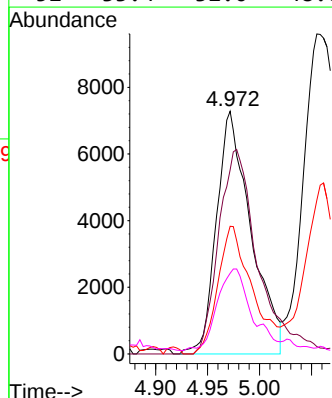
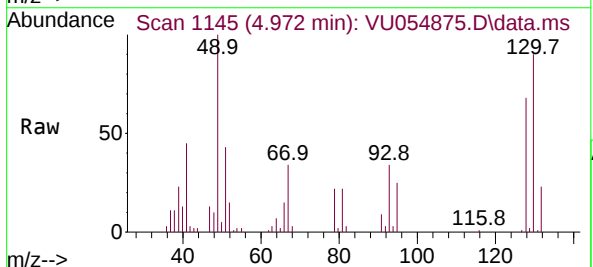
Ion Ratio Lower Upper

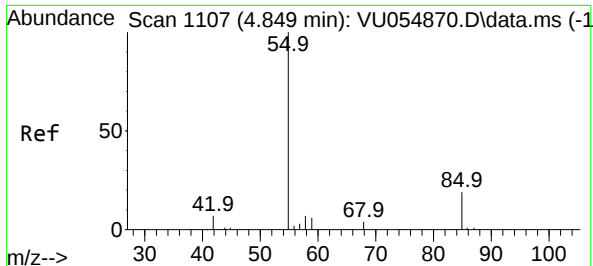
41 100

67 97.2 77.0 115.4

39 52.8 50.4 75.6

52 33.4 32.0 48.0

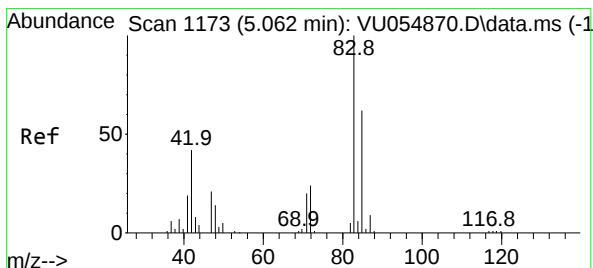
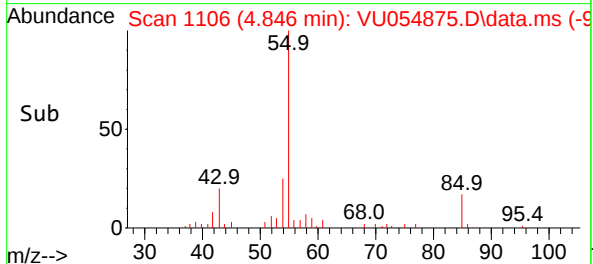
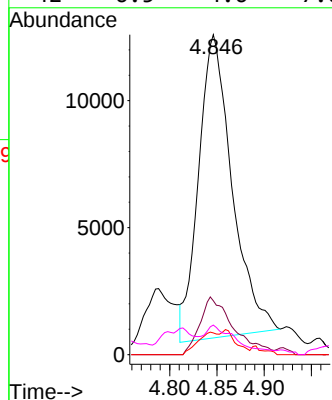
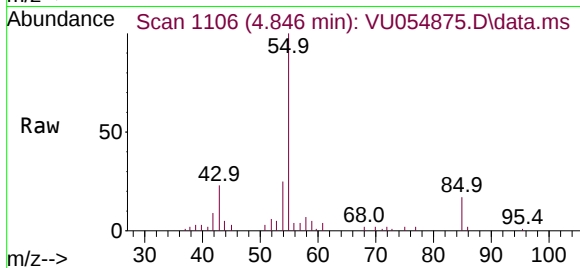




#40
Methyl acrylate
Concen: 10.462 ug/l
RT: 4.846 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

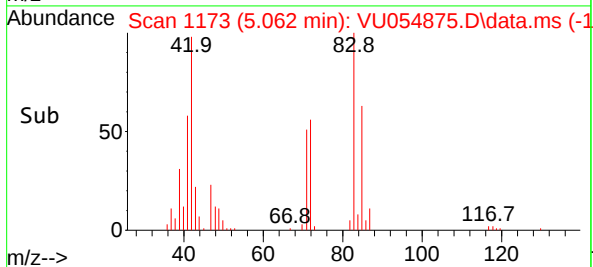
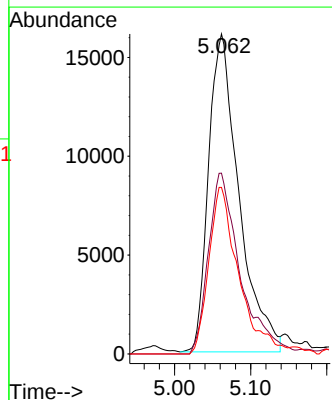
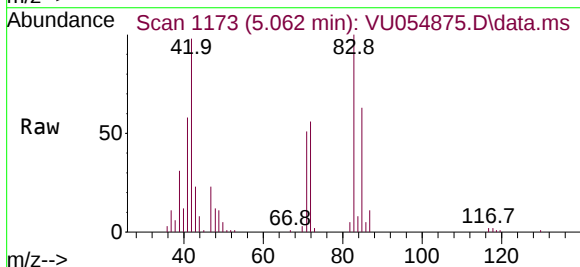
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

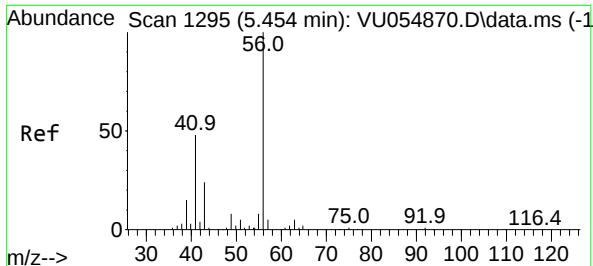
Tgt Ion:	55	Resp:	29362
Ion	Ratio	Lower	Upper
55	100		
85	19.2	13.0	19.6
58	4.7	5.7	8.5#
42	6.5	4.6	7.0



#41
Tetrahydrofuran
Concen: 44.242 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:	42	Resp:	44653
Ion	Ratio	Lower	Upper
42	100		
72	59.2	42.1	63.1
71	51.5	39.7	59.5





#42

1-Chlorobutane

Concen: 9.787 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

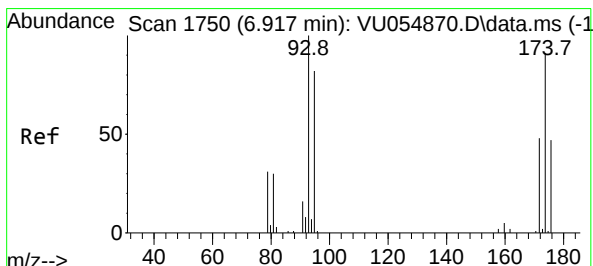
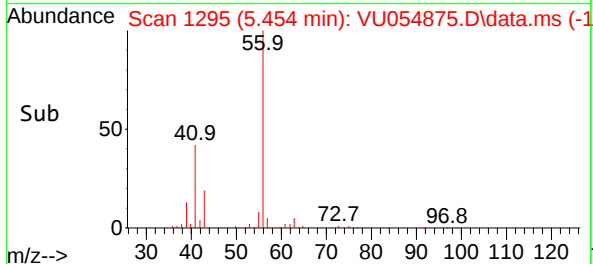
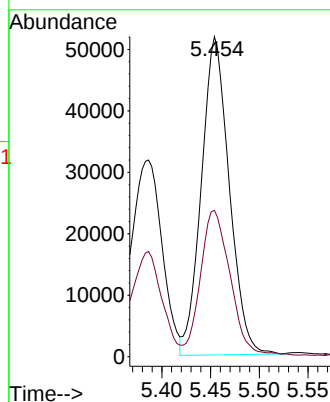
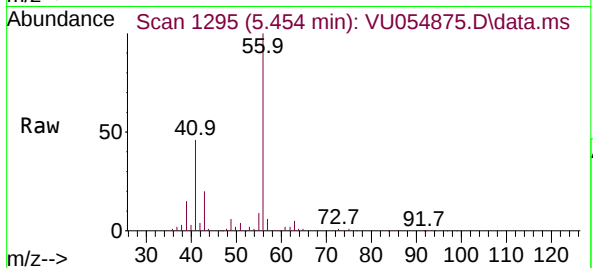
ICVVU072623

Tgt Ion: 56 Resp: 103036

Ion Ratio Lower Upper

56 100

41 48.1 23.9 71.7



#43

Dibromomethane

Concen: 10.575 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

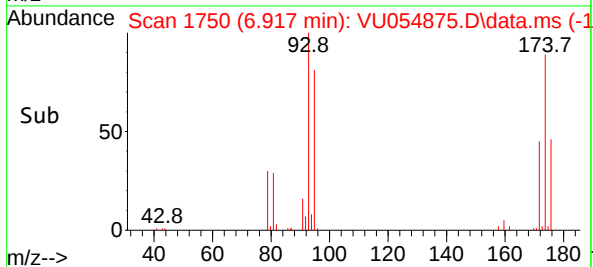
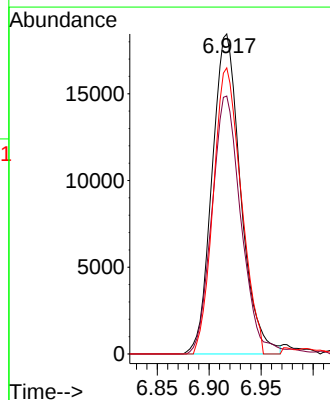
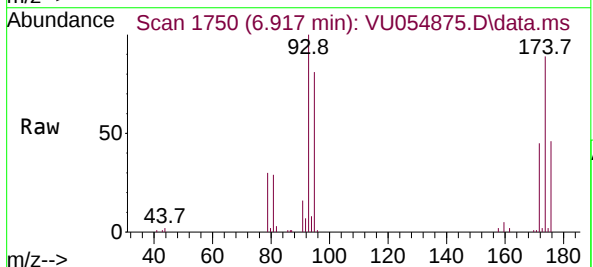
Tgt Ion: 93 Resp: 35355

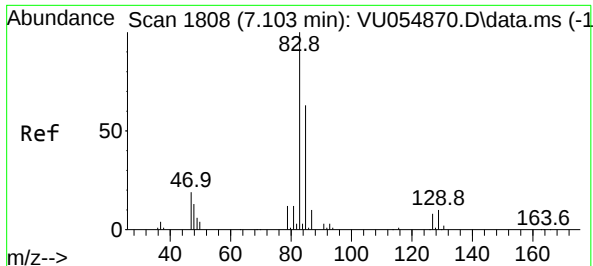
Ion Ratio Lower Upper

93 100

95 82.7 64.7 97.1

174 87.0 74.4 111.6

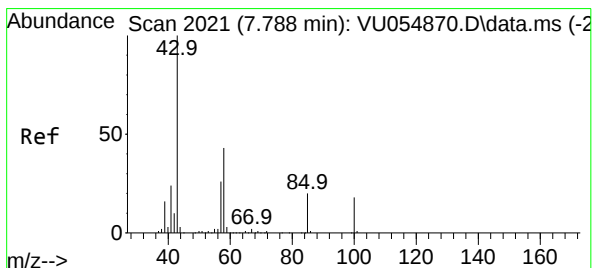
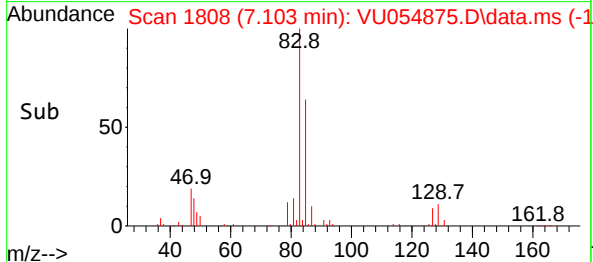
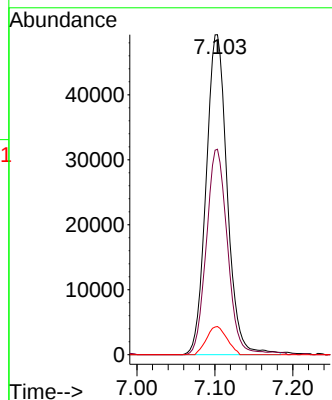
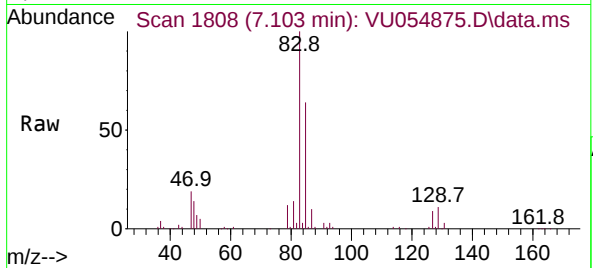




#44
Bromodichloromethane
Concen: 9.945 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

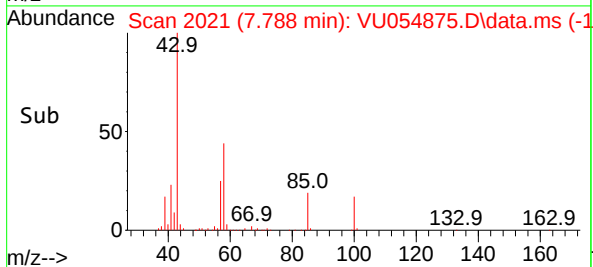
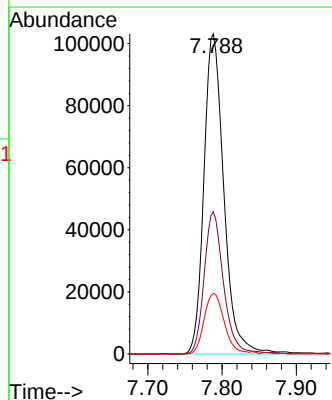
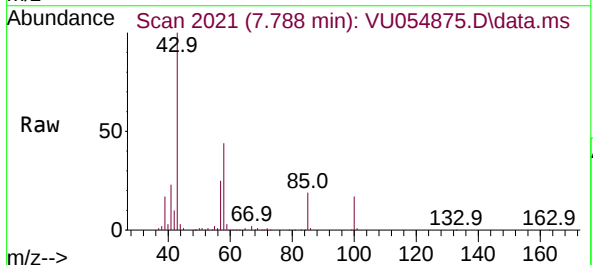
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

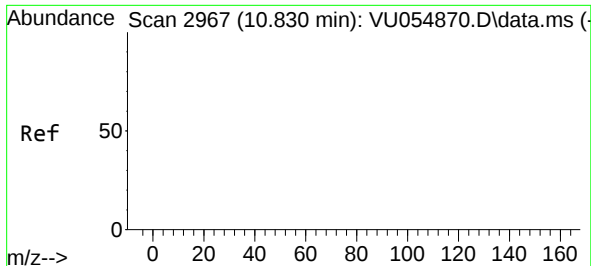
Tgt Ion: 83	Resp: 92634
Ion Ratio	Lower Upper
83 100	
85 65.1	52.2 78.2
127 8.8	6.1 9.1



#45
4-Methyl-2-Pentanone
Concen: 49.212 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 43	Resp: 191968
Ion Ratio	Lower Upper
43 100	
58 43.3	21.3 63.7
85 19.0	15.3 22.9

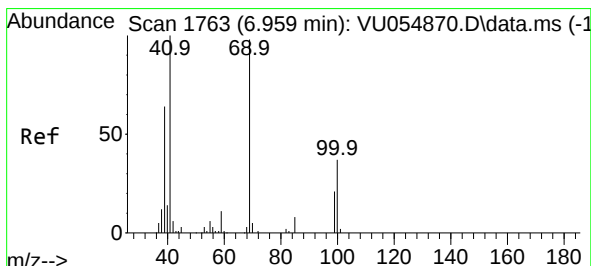
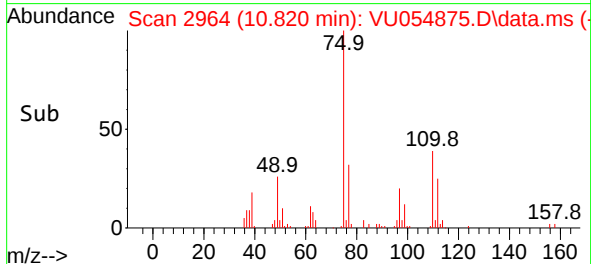
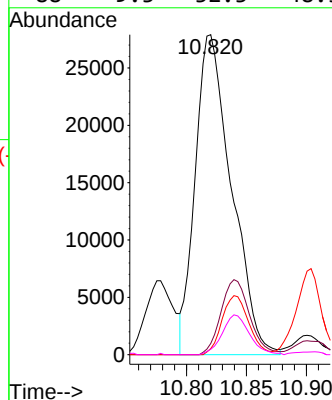
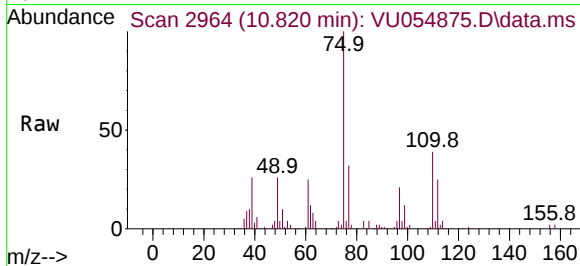




#46
t-1,4-Dichloro-2-butene
Concen: 37.365 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.010 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

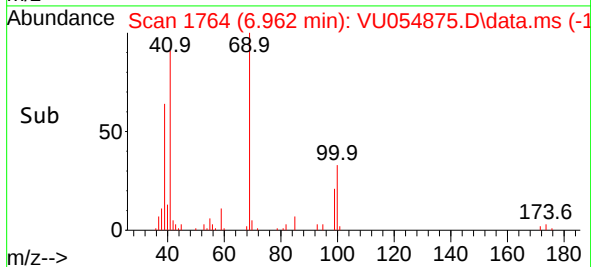
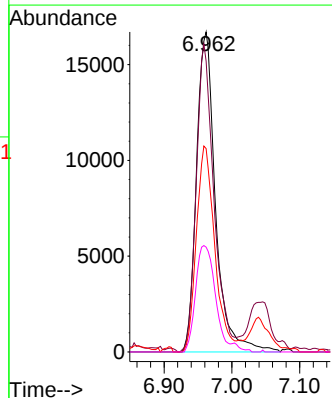
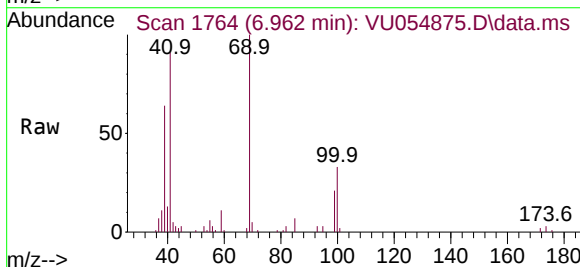
Instrument : MSVOA_U
ClientSampleId : ICVVU072623

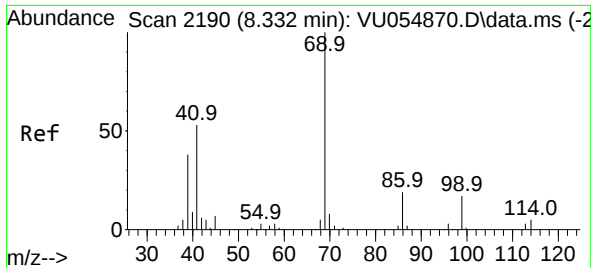
Tgt Ion: 75 Resp: 58648
Ion Ratio Lower Upper
75 100
53 18.5 62.9 94.3#
89 13.7 47.8 71.8#
88 9.3 32.3 48.5#



#47
Methyl methacrylate
Concen: 10.670 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 69 Resp: 32611
Ion Ratio Lower Upper
69 100
41 89.5 0.0 193.0
39 62.3 50.4 75.6
100 35.3 28.8 43.2

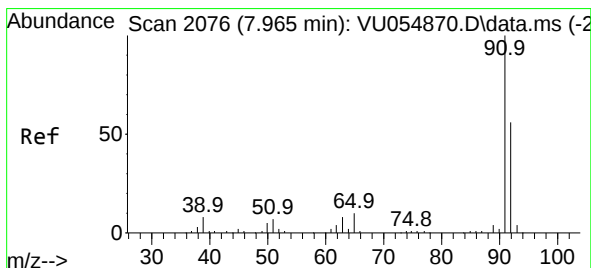
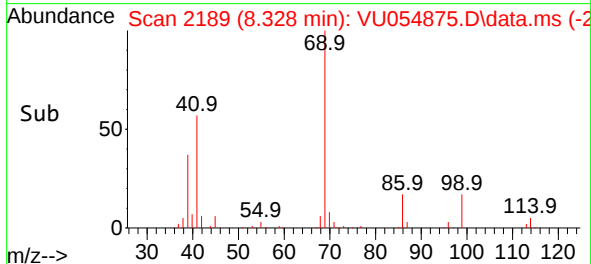
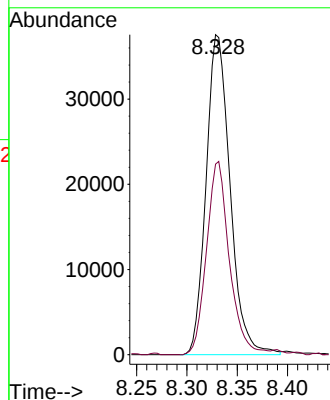
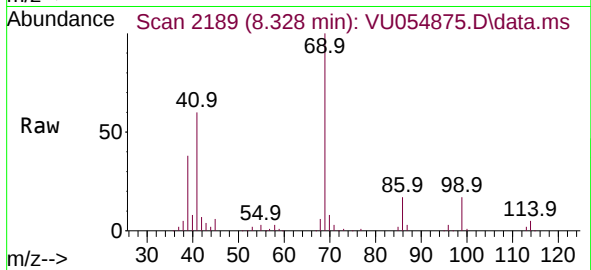




#48
Ethyl methacrylate
Concen: 10.090 ug/l
RT: 8.328 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

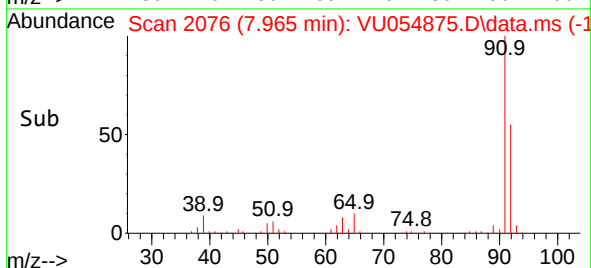
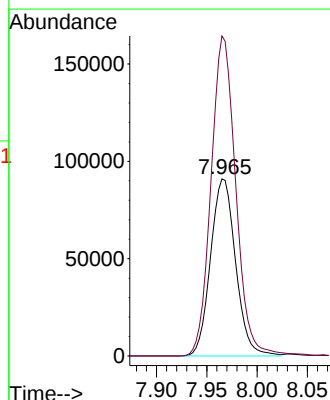
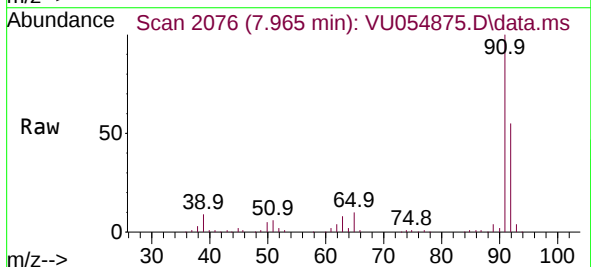
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

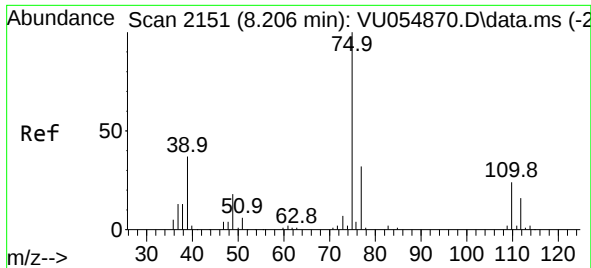
Tgt Ion: 69 Resp: 62379
Ion Ratio Lower Upper
69 100
41 57.6 28.8 86.5



#49
Toluene
Concen: 9.837 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 92 Resp: 157778
Ion Ratio Lower Upper
92 100
91 178.9 142.9 214.3

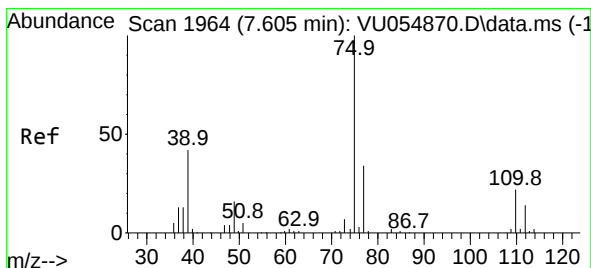
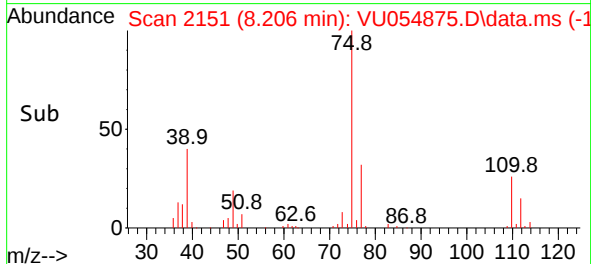
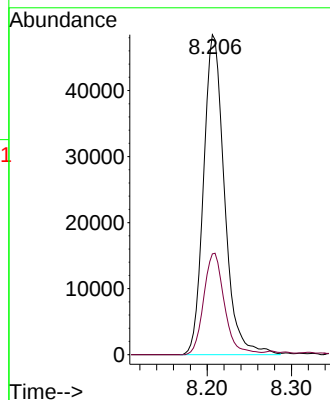
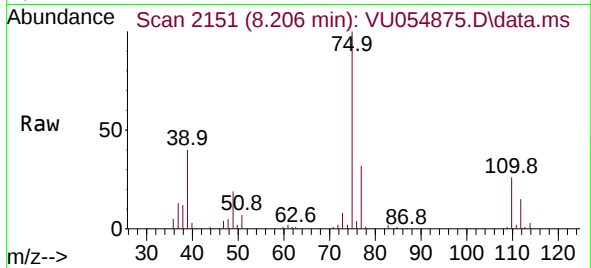




#50
t-1,3-Dichloropropene
Concen: 10.123 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

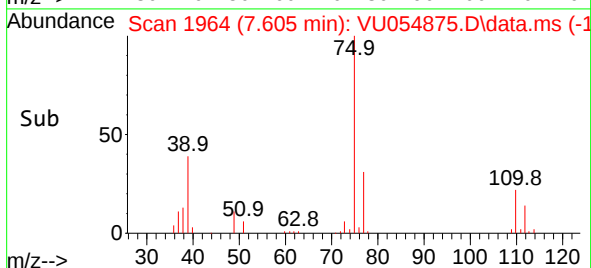
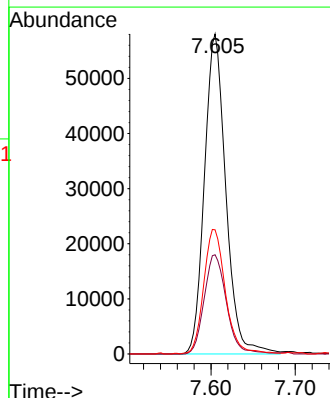
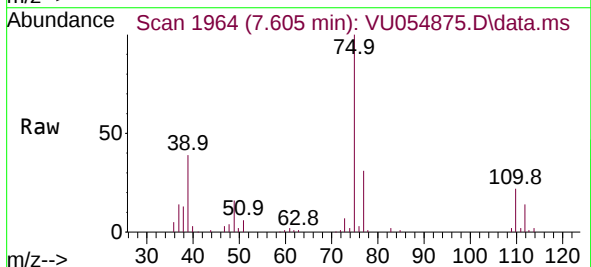
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

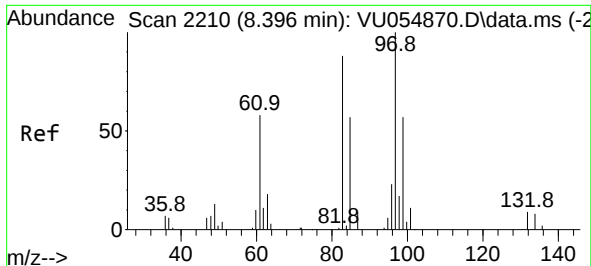
Tgt Ion: 75 Resp: 83718
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3



#51
cis-1,3-Dichloropropene
Concen: 10.105 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 75 Resp: 102717
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8
39 38.8 31.7 47.5

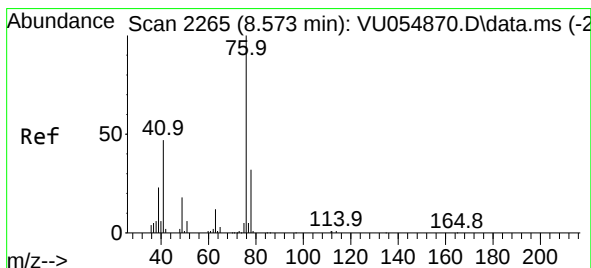
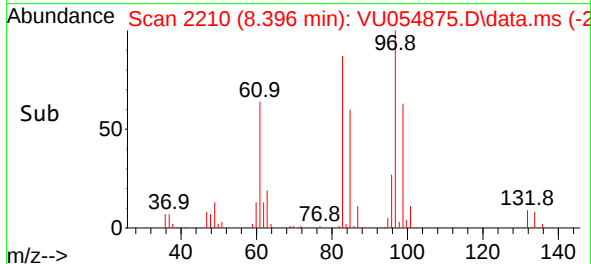
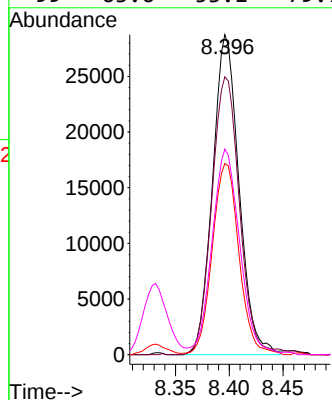
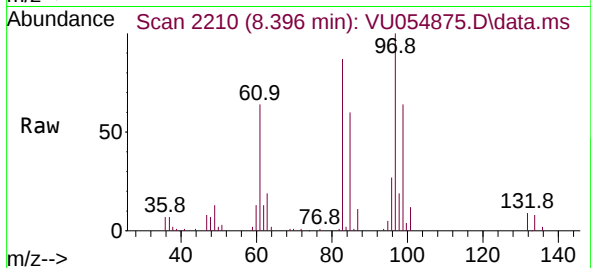




#52
1,1,2-Trichloroethane
Concen: 9.286 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

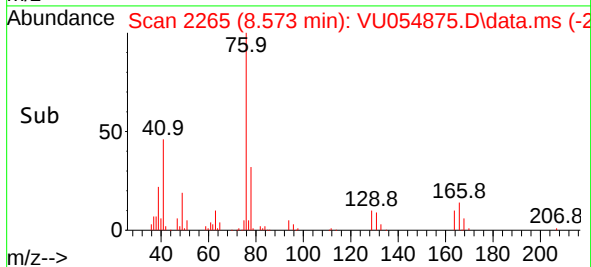
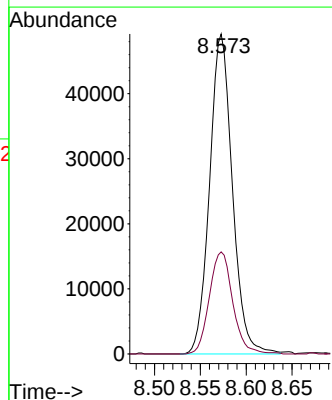
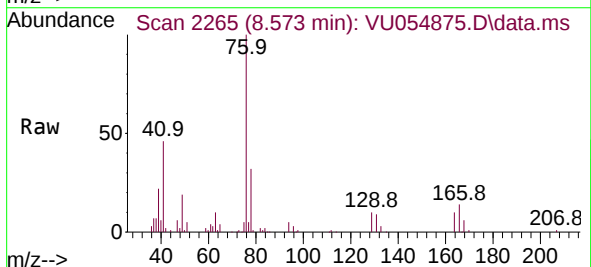
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

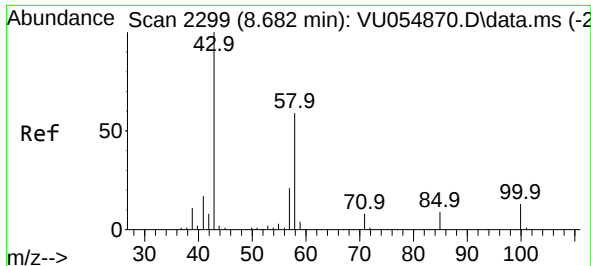
Tgt Ion: 97	Resp: 49216
Ion Ratio	Lower Upper
97 100	
83 86.9	77.4 116.2
85 59.3	47.8 71.8
99 63.6	53.1 79.7



#53
1,3-Dichloropropane
Concen: 9.919 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 76	Resp: 85037
Ion Ratio	Lower Upper
76 100	
78 32.8	24.6 36.8

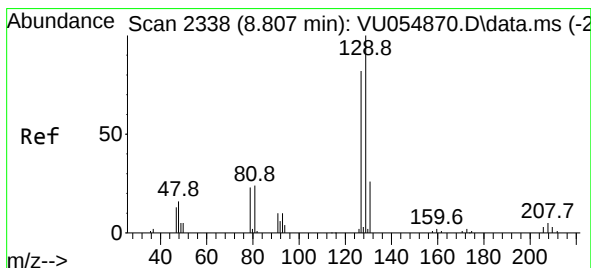
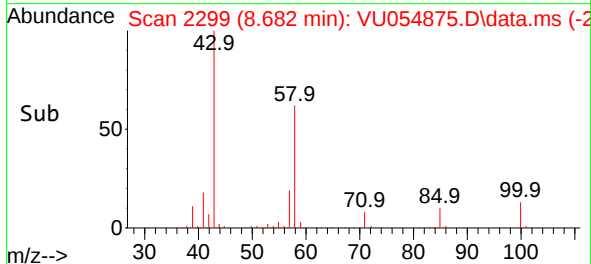
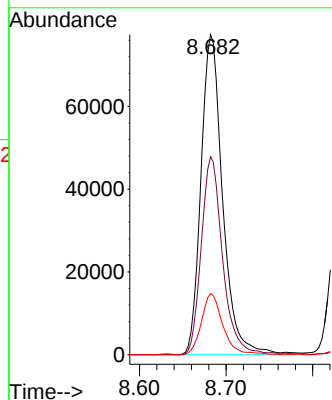
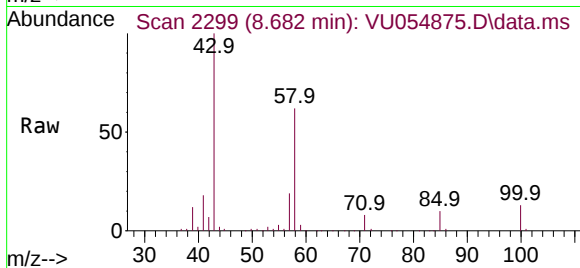




#54
2-Hexanone
Concen: 48.330 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

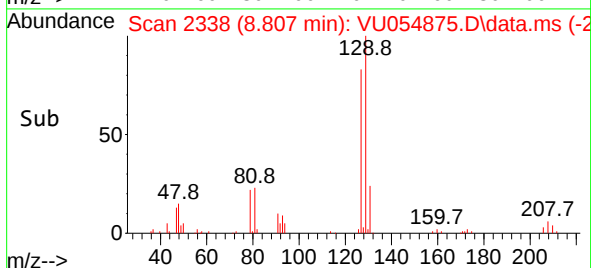
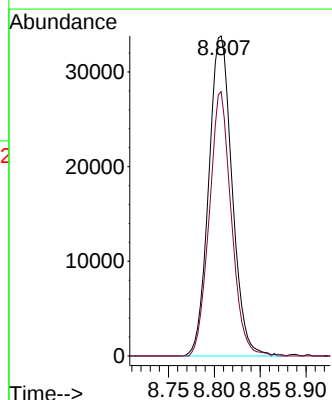
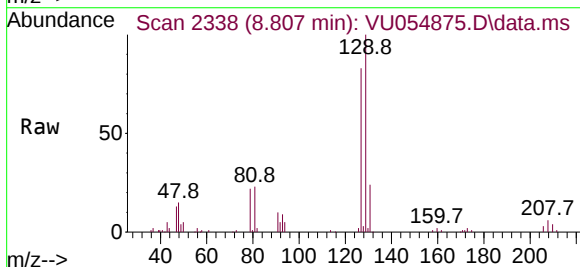
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

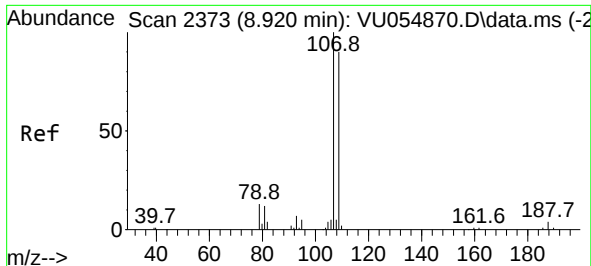
Tgt Ion: 43 Resp: 133966
Ion Ratio Lower Upper
43 100
58 61.2 38.9 78.9
57 18.9 0.0 38.7



#55
Dibromochloromethane
Concen: 9.877 ug/l
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 129 Resp: 59977
Ion Ratio Lower Upper
129 100
127 78.0 61.4 92.0

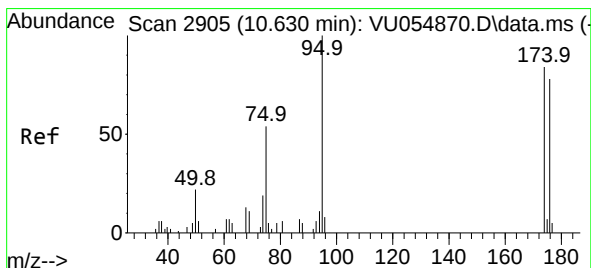
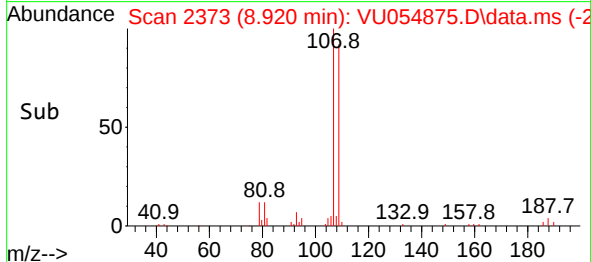
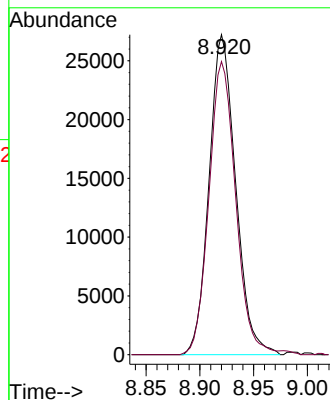
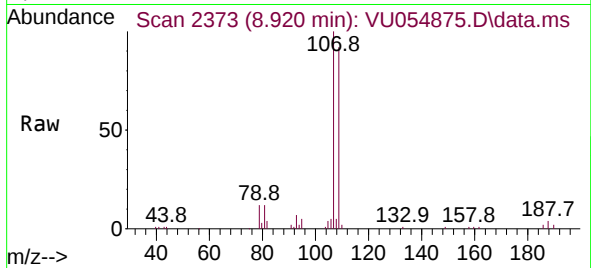




#56
1,2-Dibromoethane
Concen: 10.420 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

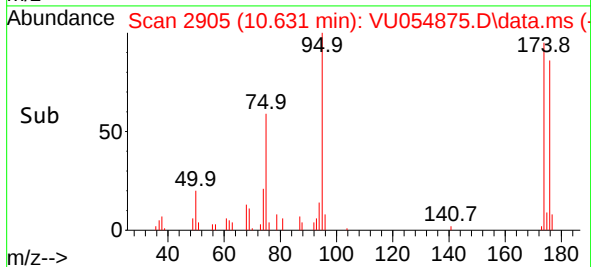
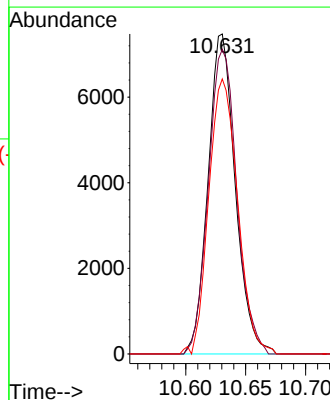
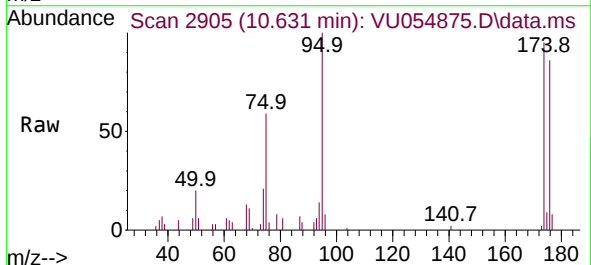
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

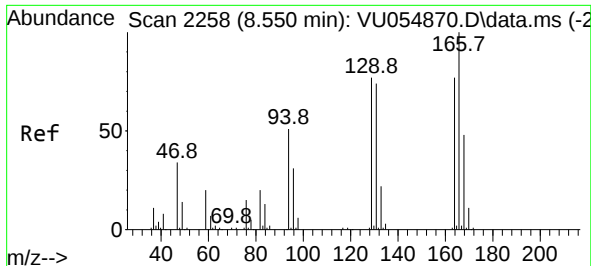
Tgt Ion:107 Resp: 46802
Ion Ratio Lower Upper
107 100
109 92.6 0.0 185.4



#57
4-Bromofluorobenzene
Concen: 1.394 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 95 Resp: 11816
Ion Ratio Lower Upper
95 100
174 99.2 79.3 118.9
176 91.0 71.5 107.3

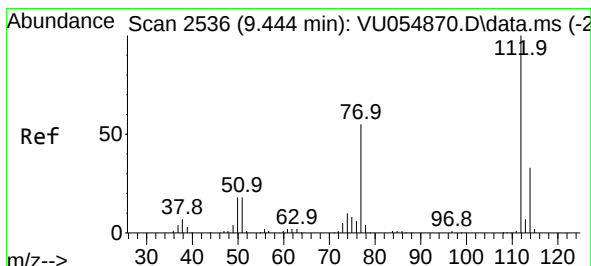
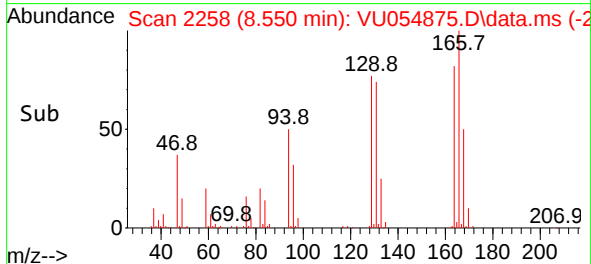
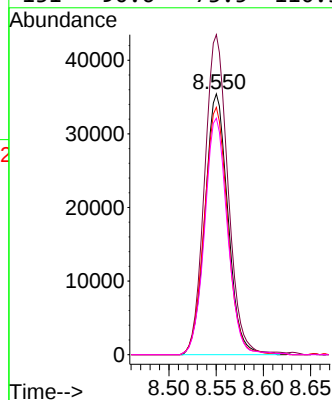
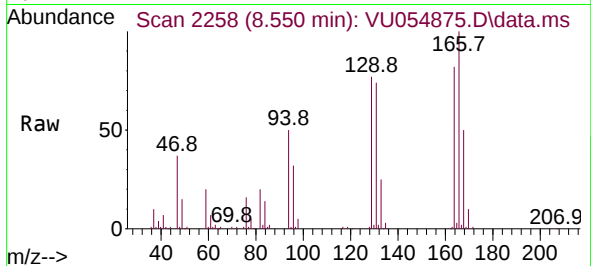




#58
Tetrachloroethene
Concen: 10.121 ug/l
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

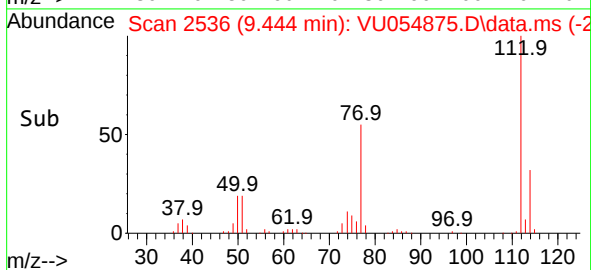
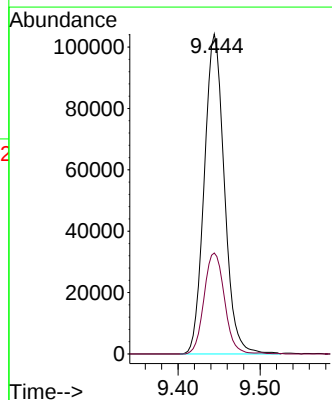
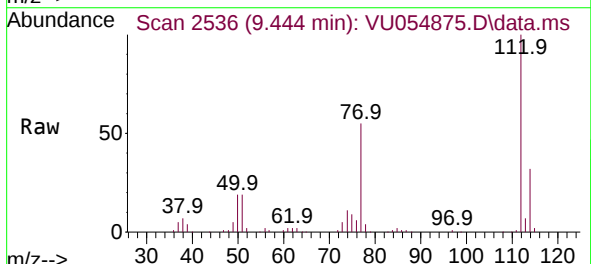
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

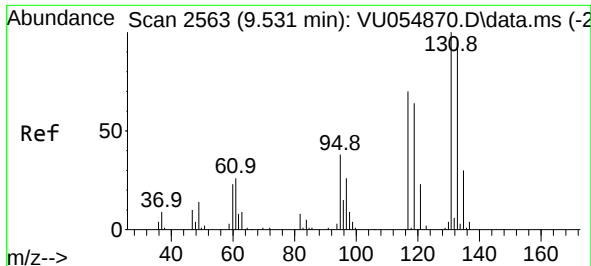
Tgt Ion:164	Resp:	59824
Ion	Ratio	Lower Upper
164	100	
166	122.7	100.4 150.6
129	94.8	71.9 107.9
131	90.6	73.5 110.3



#59
Chlorobenzene
Concen: 9.121 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:112	Resp:	177534
Ion	Ratio	Lower Upper
112	100	
114	31.6	25.0 37.6





#60

1,1,1,2-Tetrachloroethane

Concen: 9.654 ug/l

RT: 9.531 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072623

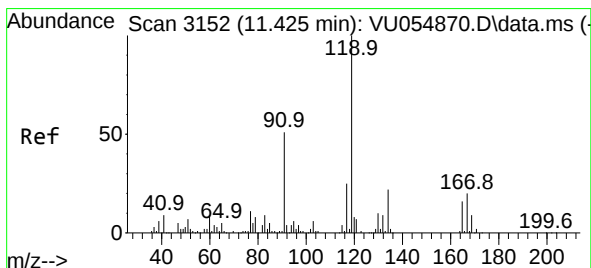
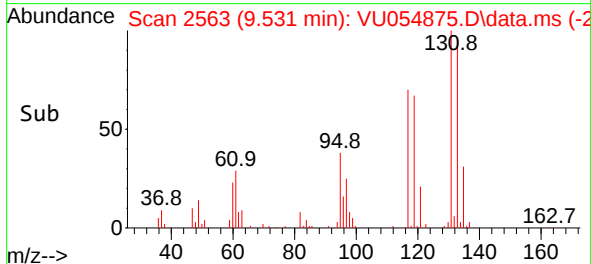
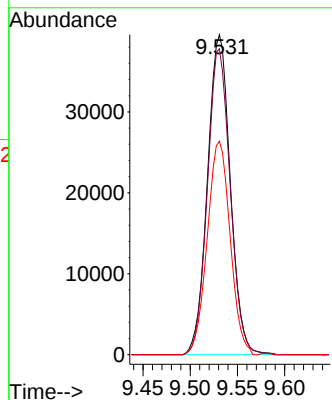
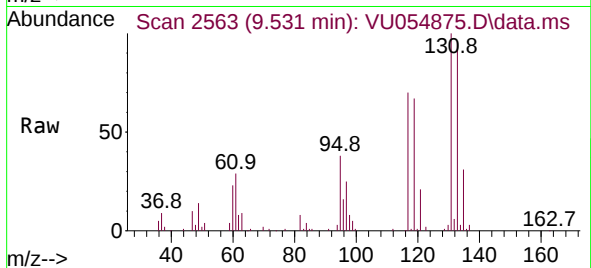
Tgt Ion:131 Resp: 66340

Ion Ratio Lower Upper

131 100

133 95.4 74.2 111.4

119 67.0 51.0 76.4



#61

Pentachloroethane

Concen: 10.016 ug/l

RT: 11.421 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VU054875.D

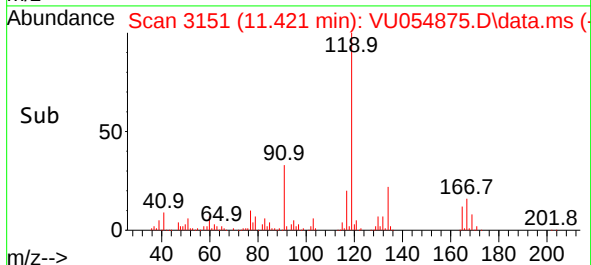
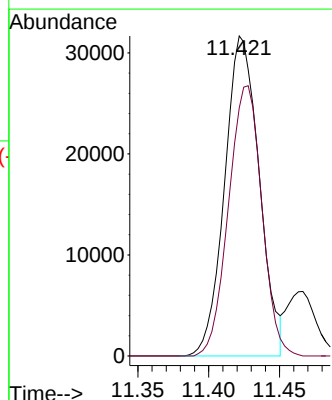
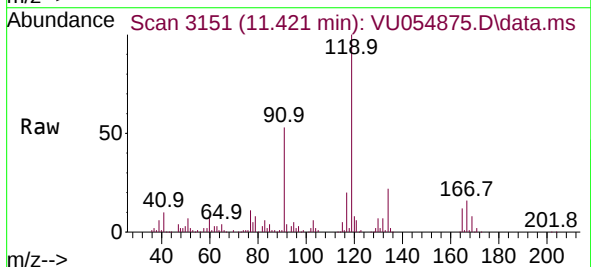
Acq: 26 Jul 2023 13:21

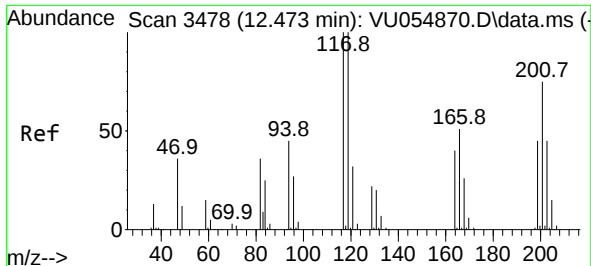
Tgt Ion:117 Resp: 53773

Ion Ratio Lower Upper

117 100

167 81.4 65.3 97.9

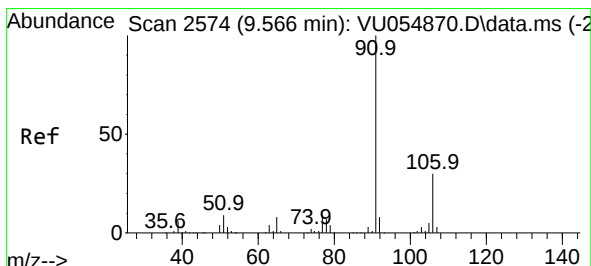
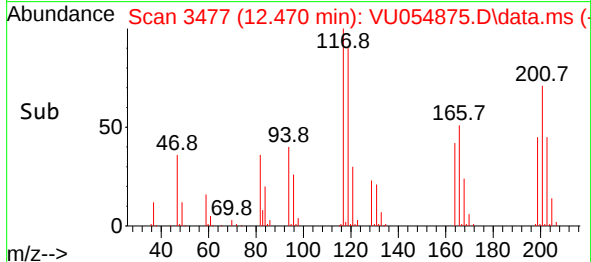
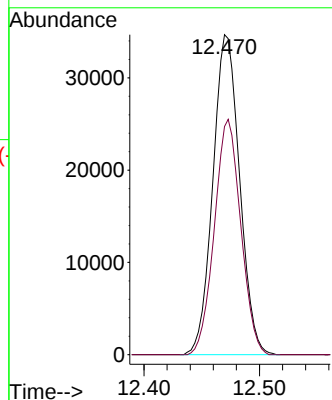
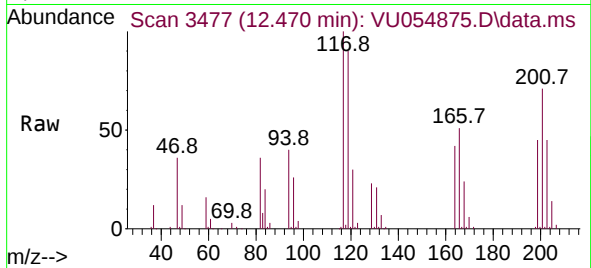




#62
Hexachloroethane
Concen: 10.109 ug/l
RT: 12.470 min Scan# 3478
Delta R.T. -0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

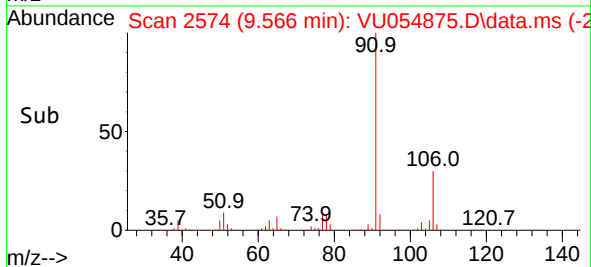
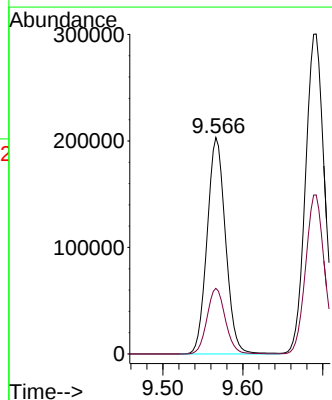
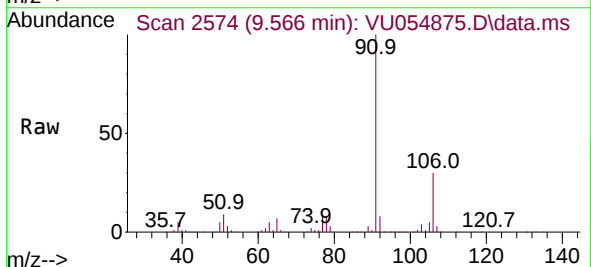
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

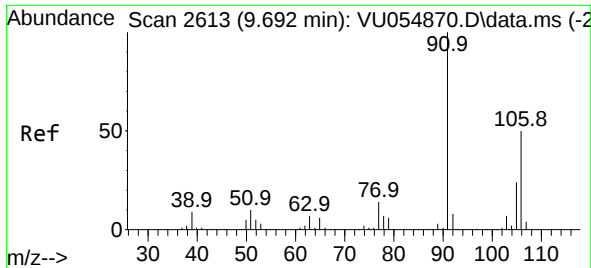
Tgt Ion:117 Resp: 55813
Ion Ratio Lower Upper
117 100
201 72.5 56.1 84.1



#63
Ethyl Benzene
Concen: 9.964 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion: 91 Resp: 325432
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

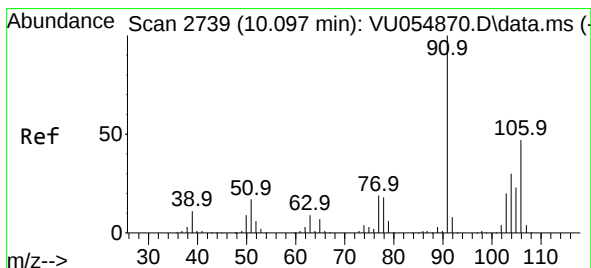
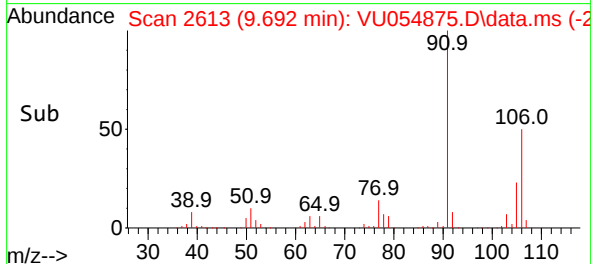
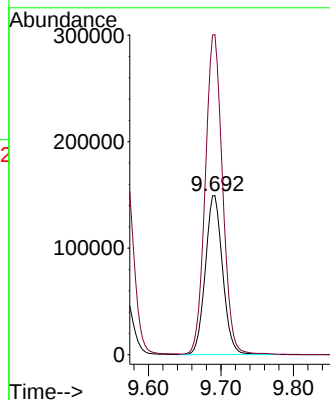
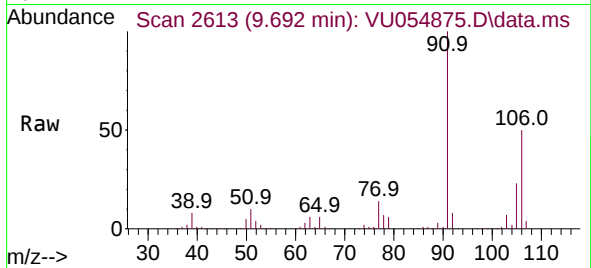




#64
m/p-Xylenes
Concen: 20.199 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

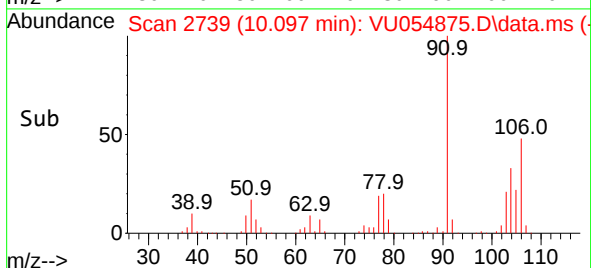
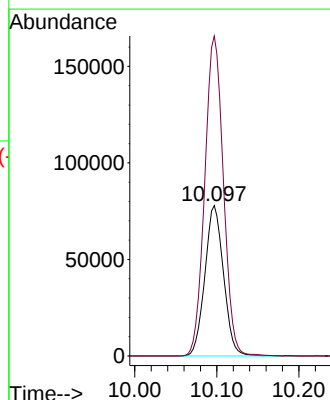
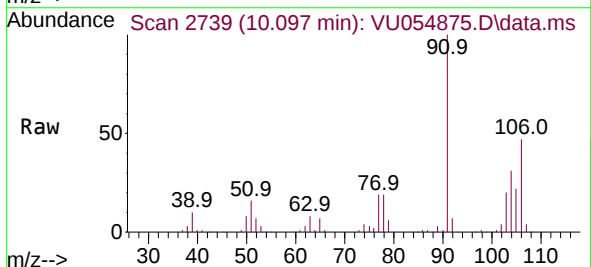
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

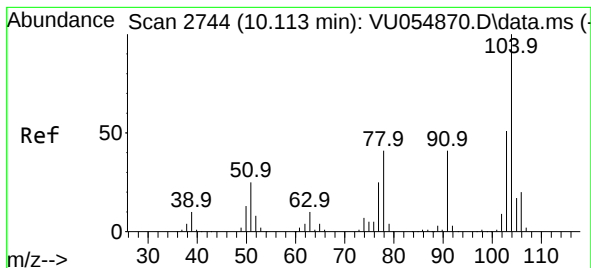
Tgt Ion:106 Resp: 246824
Ion Ratio Lower Upper
106 100
91 202.2 158.8 238.2



#65
o-Xylene
Concen: 9.819 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:106 Resp: 123237
Ion Ratio Lower Upper
106 100
91 212.9 108.9 326.8





#66

Styrene

Concen: 10.298 ug/l

RT: 10.110 min Scan# 2744

Delta R.T. -0.003 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072623

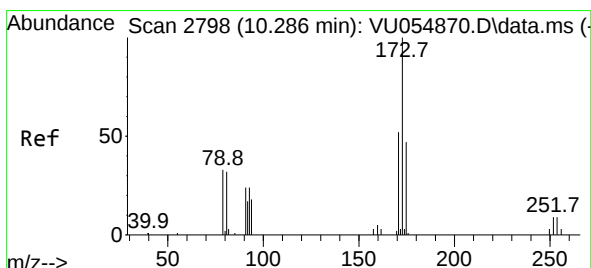
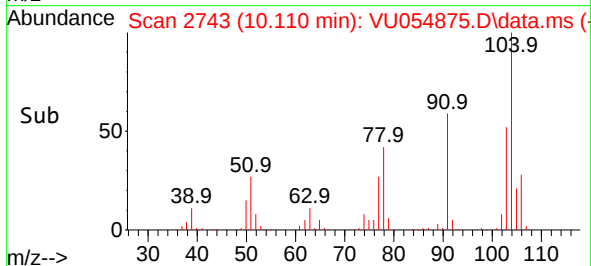
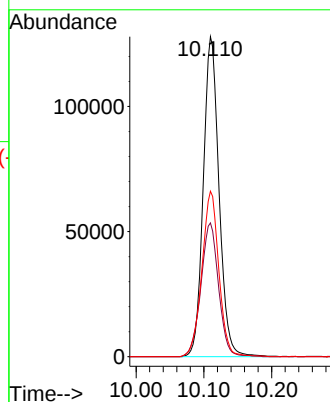
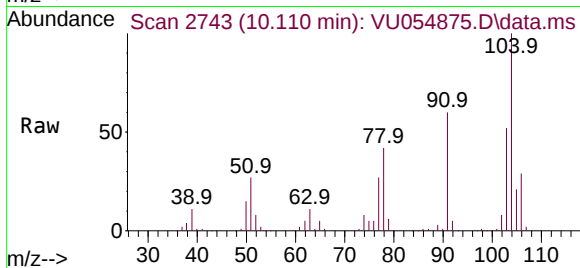
Tgt Ion:104 Resp: 206660

Ion Ratio Lower Upper

104 100

78 46.7 37.5 56.3

103 55.5 45.2 67.8



#67

Bromoform

Concen: 10.445 ug/l

RT: 10.286 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

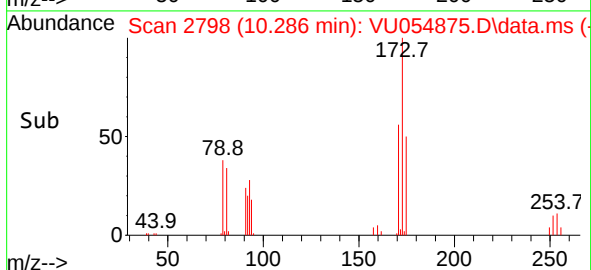
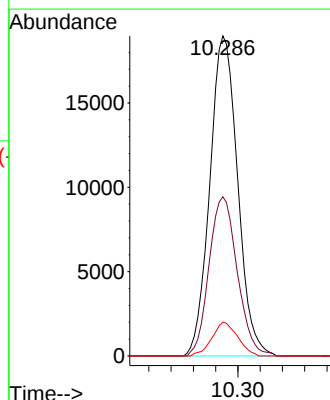
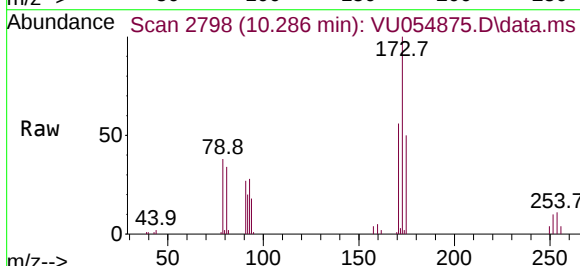
Tgt Ion:173 Resp: 32892

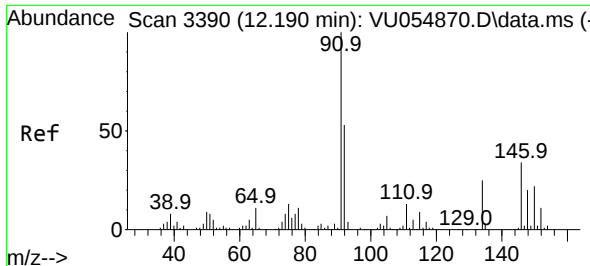
Ion Ratio Lower Upper

173 100

175 50.4 39.0 58.6

254 9.8 7.4 11.0

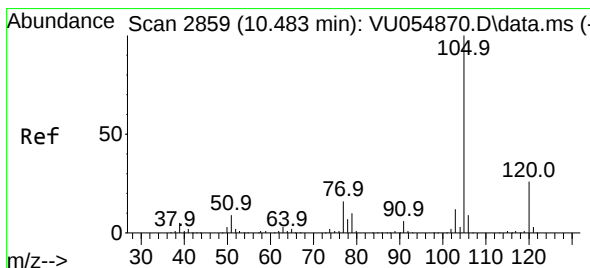
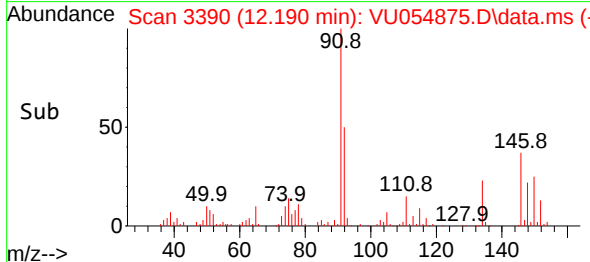
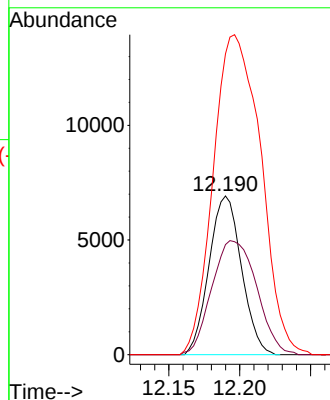
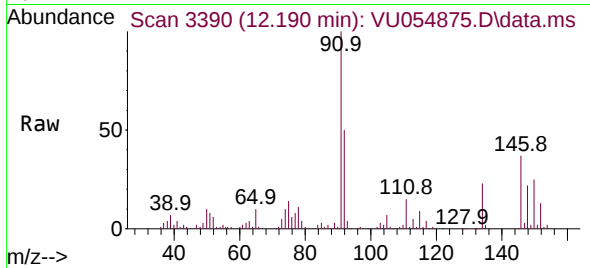




#68
1,2-Dichlorobenzene-d4
Concen: 1.152 ug/l
RT: 12.190 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

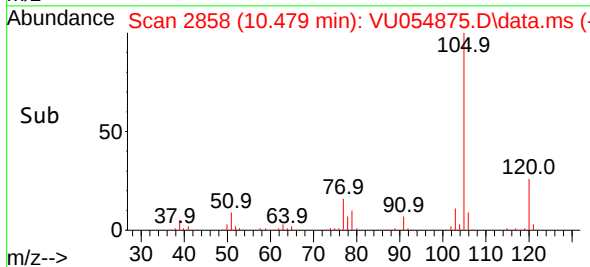
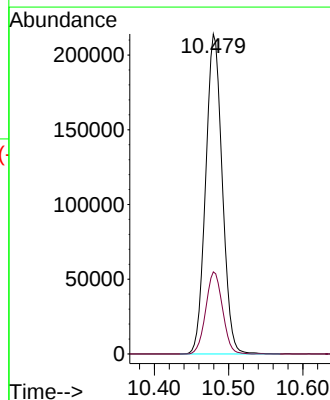
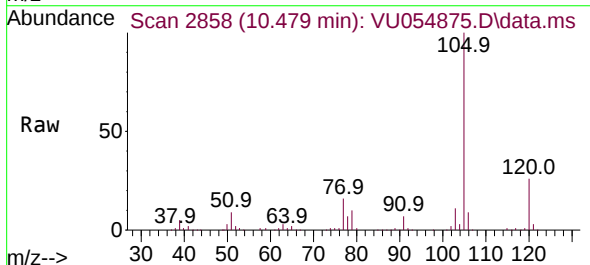
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

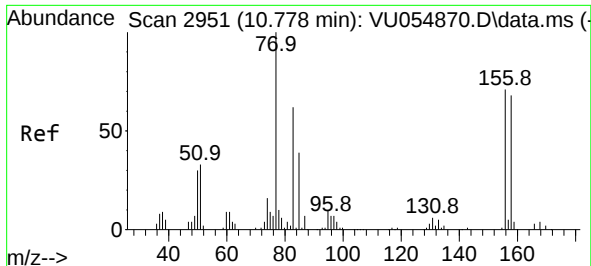
Tgt Ion:152 Resp: 11034
Ion Ratio Lower Upper
152 100
115 99.2 0.0 234.8
150 294.5 0.0 598.2



#69
Isopropylbenzene
Concen: 9.827 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:105 Resp: 331134
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6

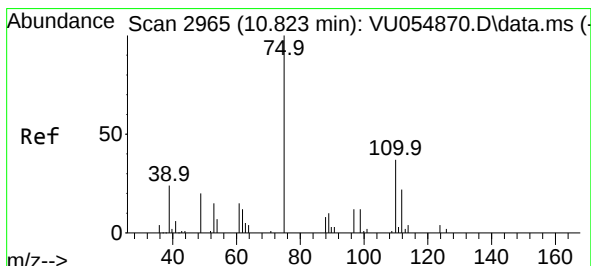
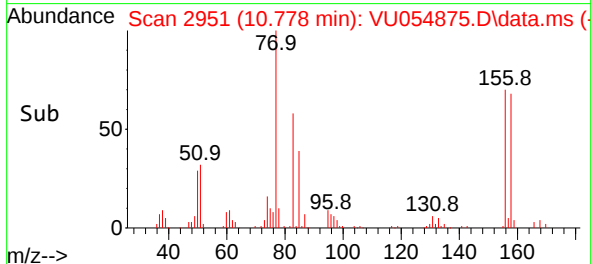
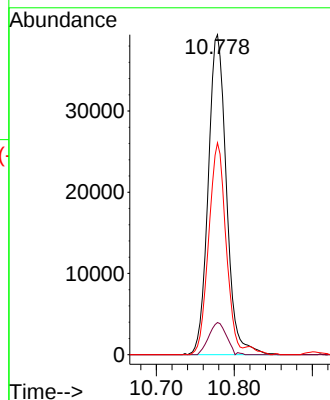
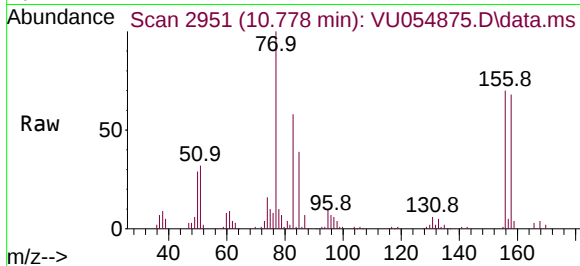




#70
 1,1,2,2-Tetrachloroethane
 Concen: 9.738 ug/l
 RT: 10.778 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VU054875.D
 Acq: 26 Jul 2023 13:21

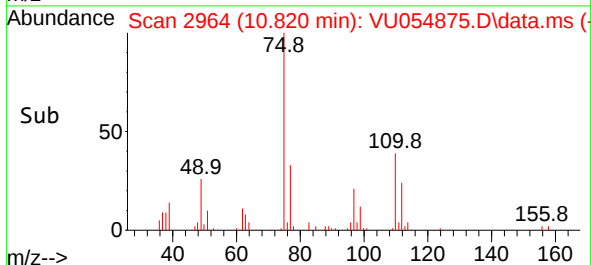
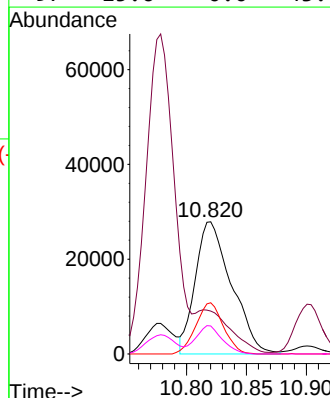
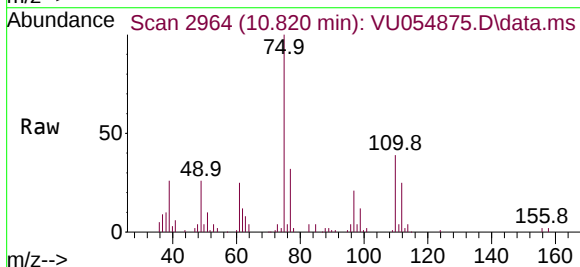
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072623

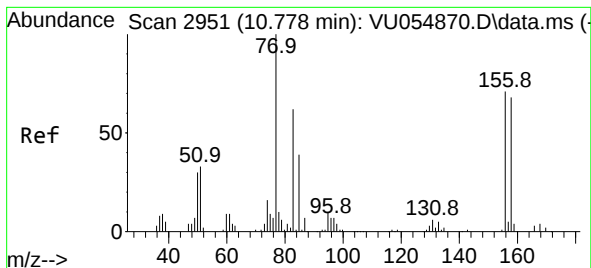
Tgt Ion: 83 Resp: 63882
 Ion Ratio Lower Upper
 83 100
 131 9.8 7.5 11.3
 85 62.9 53.0 79.6



#71
 1,2,3-Trichloropropane
 Concen: 12.551 ug/l
 RT: 10.820 min Scan# 2964
 Delta R.T. -0.003 min
 Lab File: VU054875.D
 Acq: 26 Jul 2023 13:21

Tgt Ion: 75 Resp: 58648
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0
 110 29.5 0.0 80.8
 97 15.6 0.0 43.4





#72

Bromobenzene

Concen: 10.214 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072623

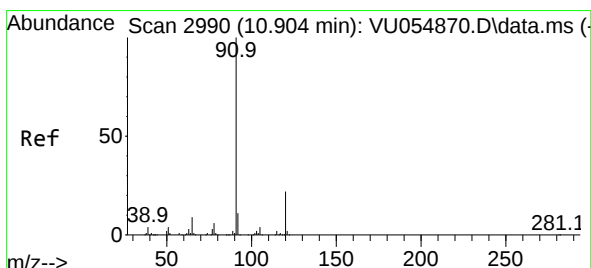
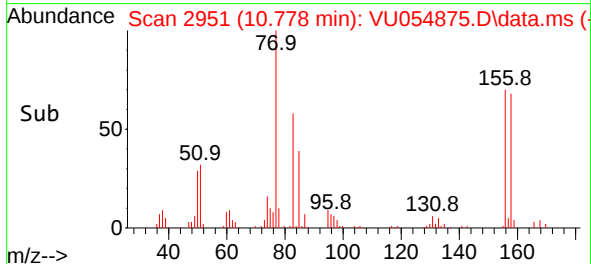
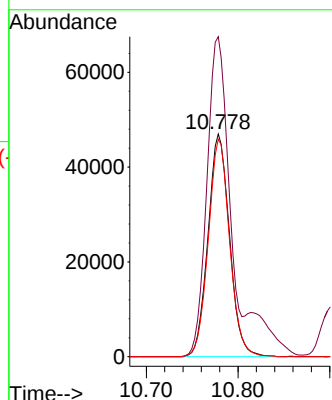
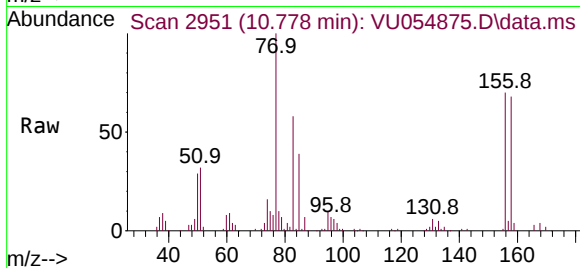
Tgt Ion:156 Resp: 76630

Ion Ratio Lower Upper

156 100

77 146.6 0.0 293.2

158 96.8 0.0 189.8



#73

n-propylbenzene

Concen: 10.066 ug/l

RT: 10.904 min Scan# 2990

Delta R.T. 0.000 min

Lab File: VU054875.D

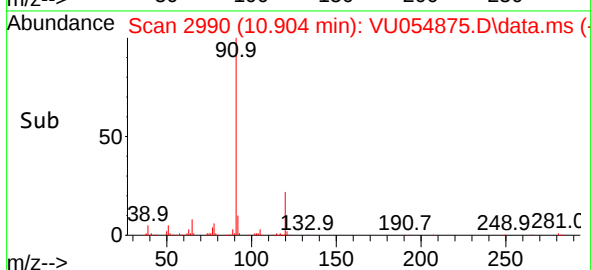
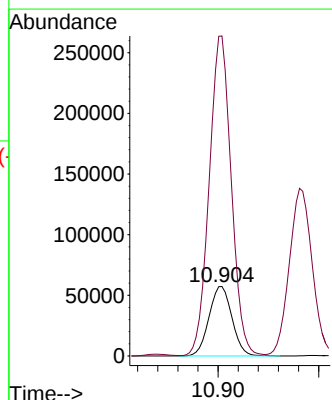
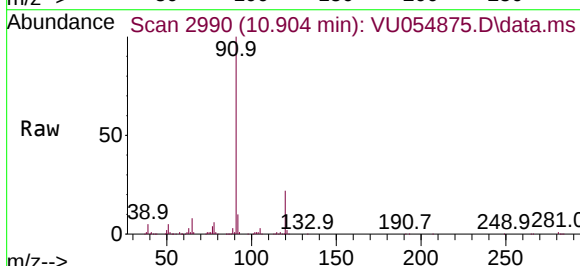
Acq: 26 Jul 2023 13:21

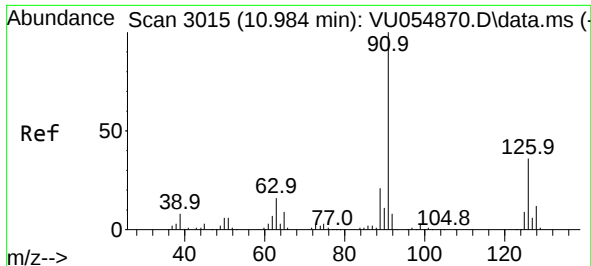
Tgt Ion:120 Resp: 90777

Ion Ratio Lower Upper

120 100

91 442.6 361.8 542.6

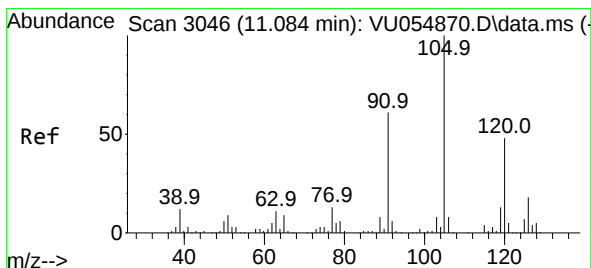
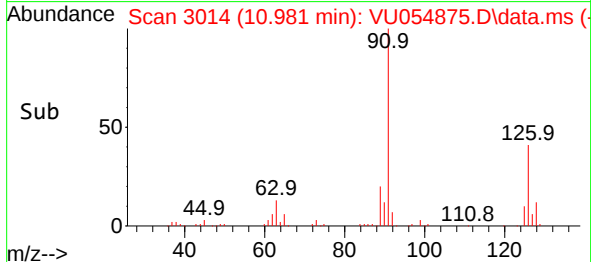
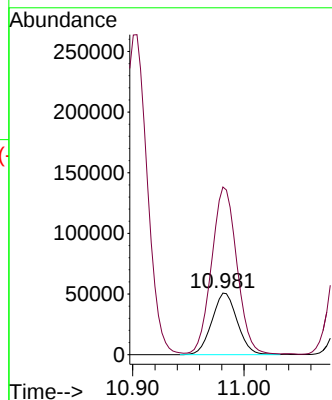
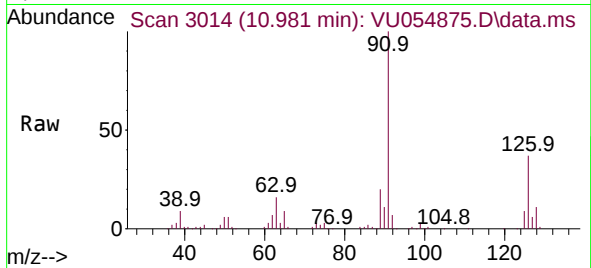




#74
2-Chlorotoluene
Concen: 10.282 ug/l
RT: 10.981 min Scan# 3015
Delta R.T. -0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

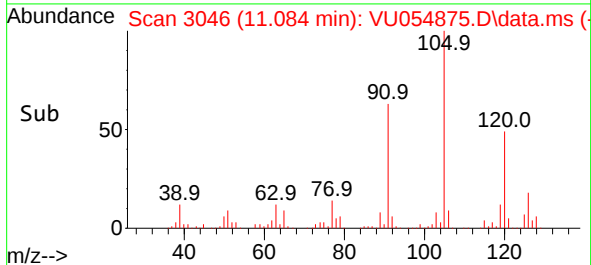
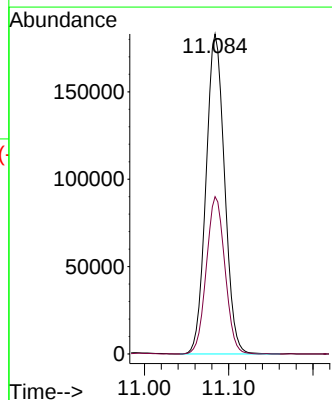
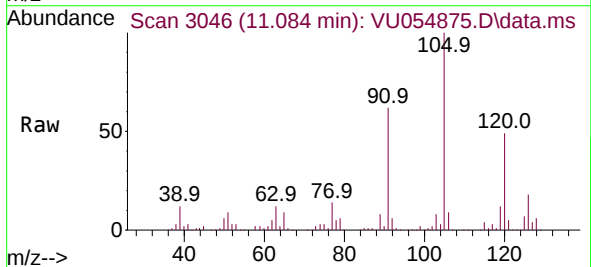
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

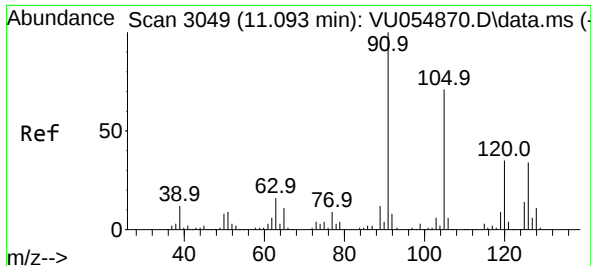
Tgt Ion:126 Resp: 80269
Ion Ratio Lower Upper
126 100
91 269.3 0.0 561.4



#75
1,3,5-Trimethylbenzene
Concen: 10.284 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:105 Resp: 280639
Ion Ratio Lower Upper
105 100
120 49.2 39.0 58.4

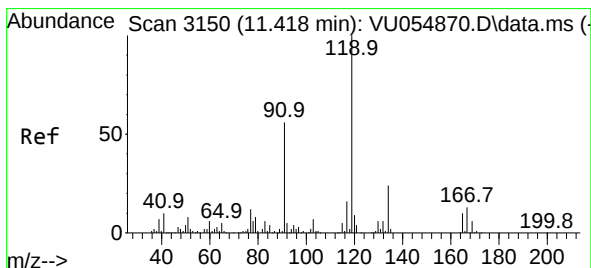
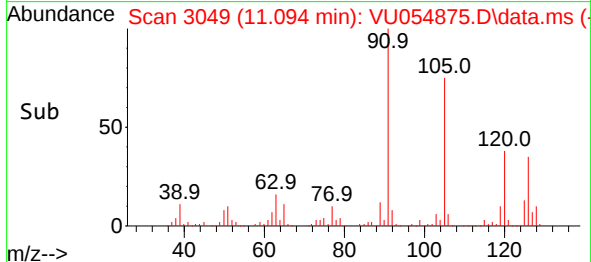
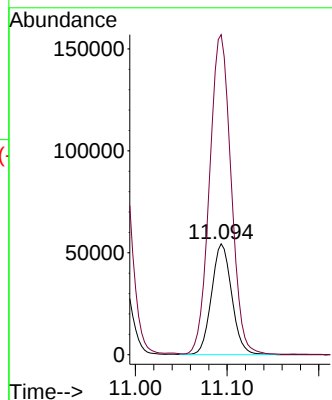
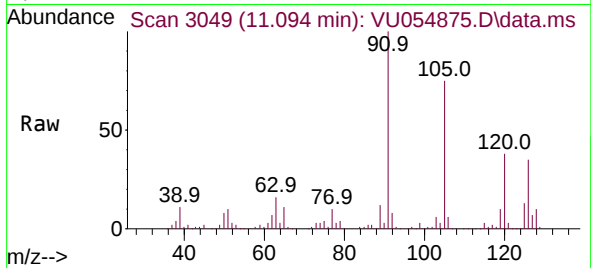




#76
4-Chlorotoluene
Concen: 10.251 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

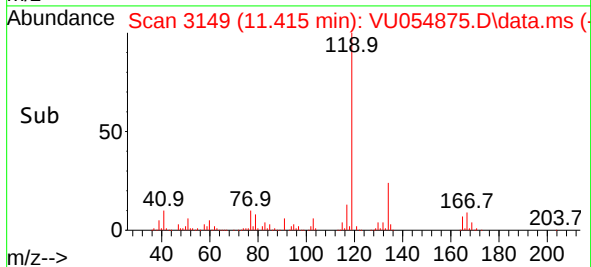
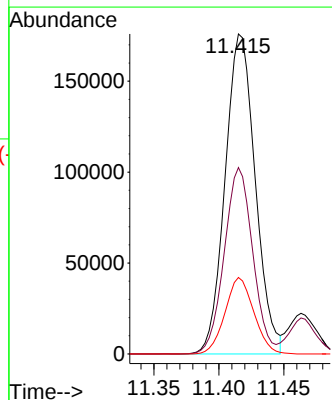
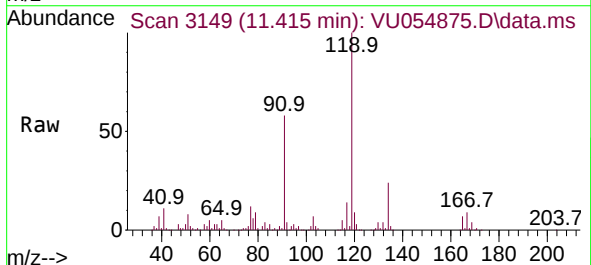
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

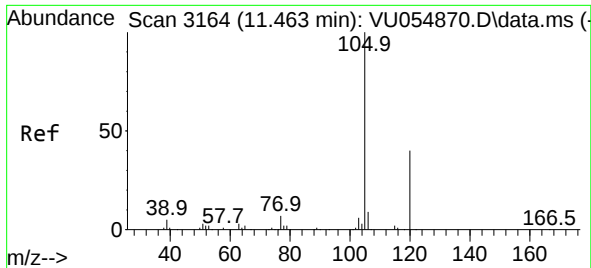
Tgt Ion:126 Resp: 83143
Ion Ratio Lower Upper
126 100
91 308.0 0.0 623.4



#77
tert-Butylbenzene
Concen: 10.033 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:119 Resp: 284701
Ion Ratio Lower Upper
119 100
91 54.9 27.7 83.1
134 22.8 18.6 27.8

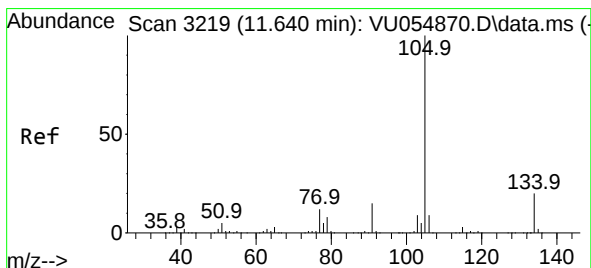
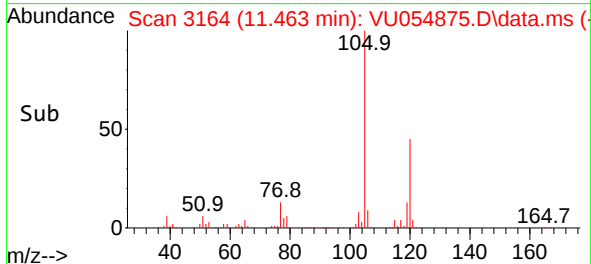
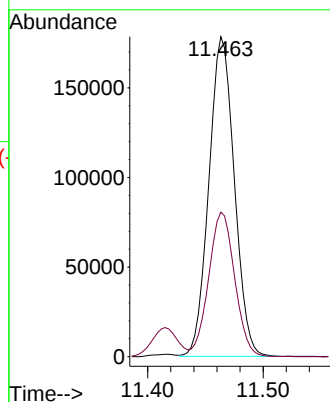
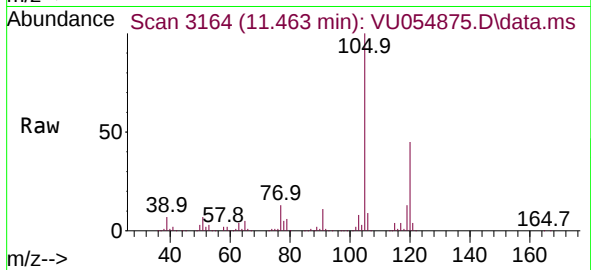




#78
1,2,4-Trimethylbenzene
Concen: 9.771 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

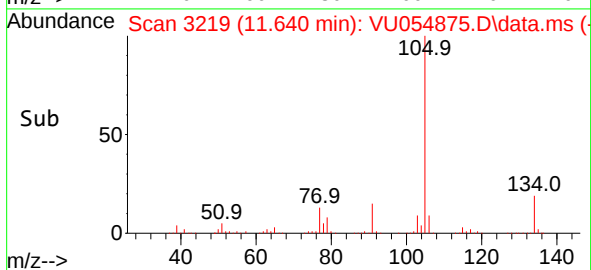
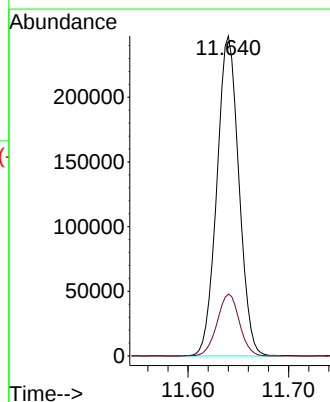
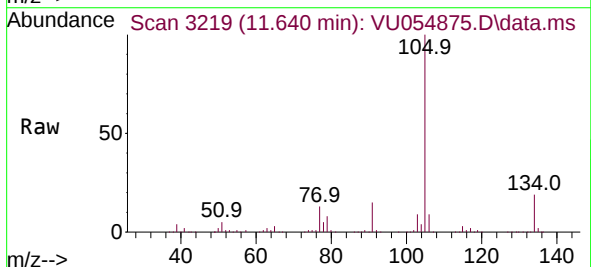
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

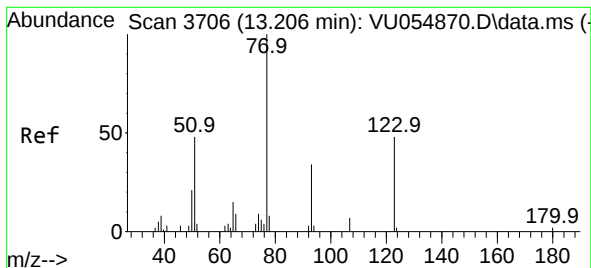
Tgt Ion:105 Resp: 272947
Ion Ratio Lower Upper
105 100
120 46.4 22.4 67.3



#79
sec-Butylbenzene
Concen: 10.200 ug/l
RT: 11.640 min Scan# 3219
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:105 Resp: 376278
Ion Ratio Lower Upper
105 100
134 19.6 15.7 23.5





#80

Nitrobenzene

Concen: 9.115 ug/l

RT: 13.212 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072623

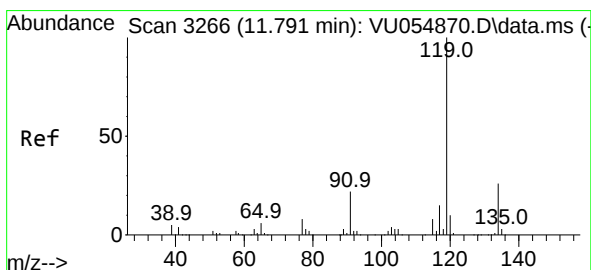
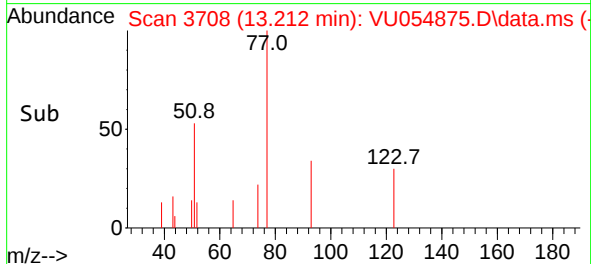
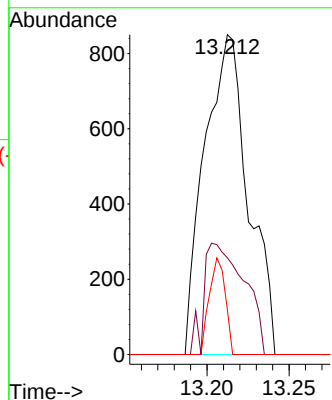
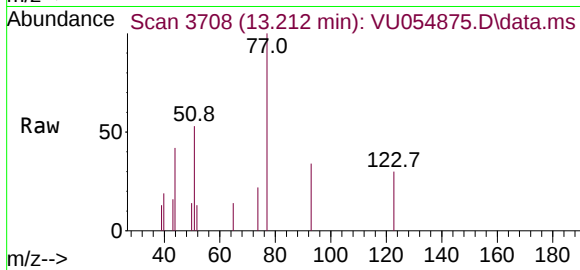
Tgt Ion: 77 Resp: 1571

Ion Ratio Lower Upper

77 100

123 32.1 20.2 71.8

65 0.0 11.7 14.9#



#81

p-Isopropyltoluene

Concen: 10.433 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

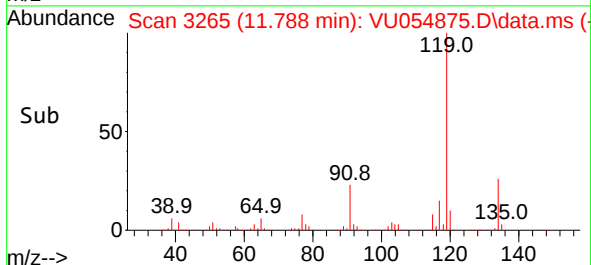
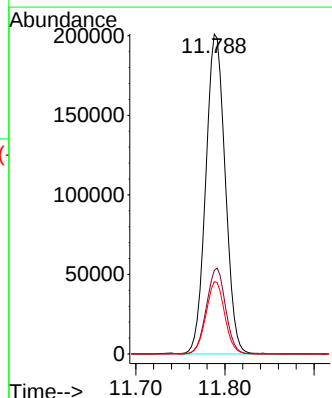
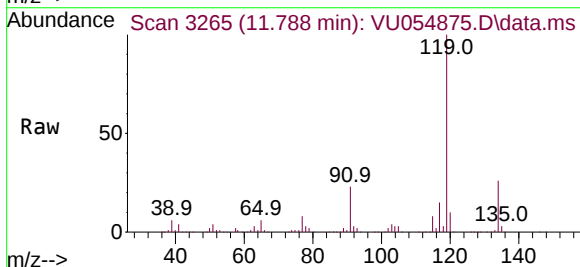
Tgt Ion: 119 Resp: 303750

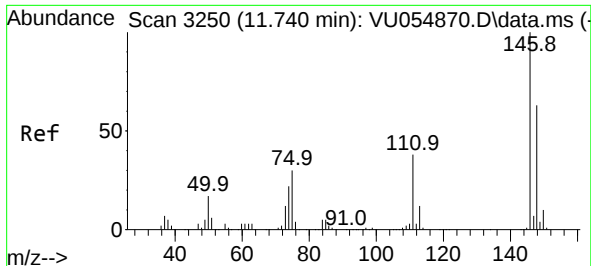
Ion Ratio Lower Upper

119 100

134 26.3 20.6 31.0

91 21.9 18.2 27.4





#82

1,3-Dichlorobenzene

Concen: 9.805 ug/l

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072623

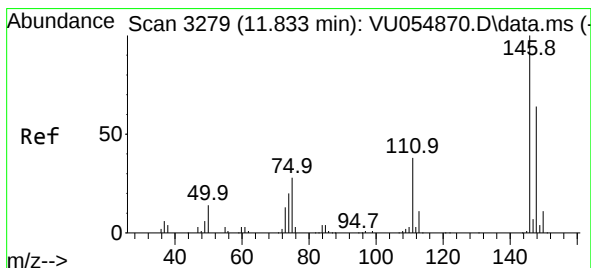
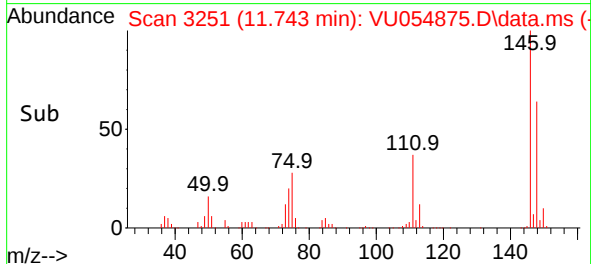
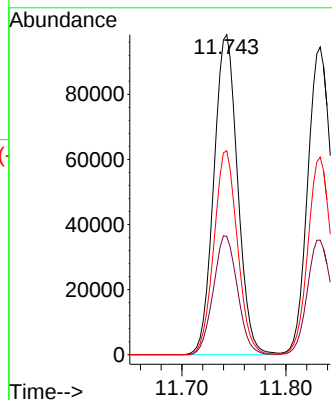
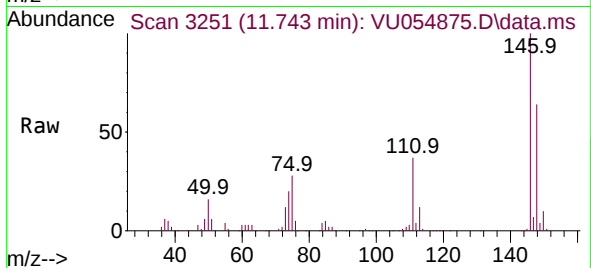
Tgt Ion:146 Resp: 156600

Ion Ratio Lower Upper

146 100

111 37.7 30.5 45.7

148 63.0 51.0 76.6



#83

1,4-Dichlorobenzene

Concen: 9.616 ug/l

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

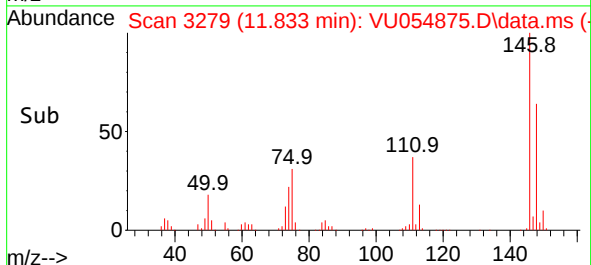
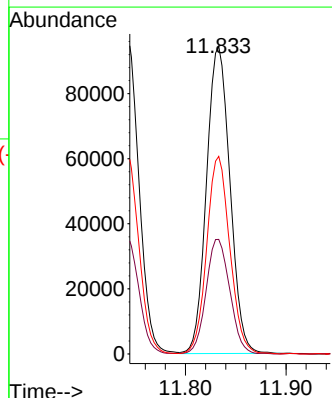
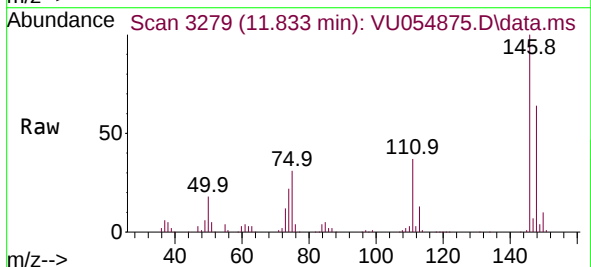
Tgt Ion:146 Resp: 153096

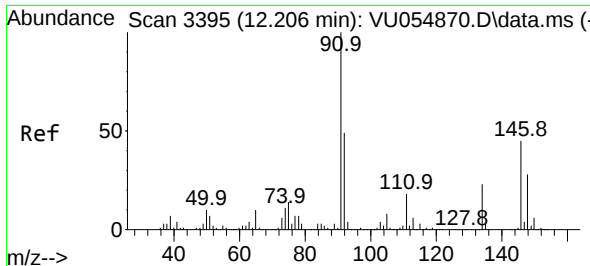
Ion Ratio Lower Upper

146 100

111 37.7 29.5 44.3

148 63.4 51.2 76.8

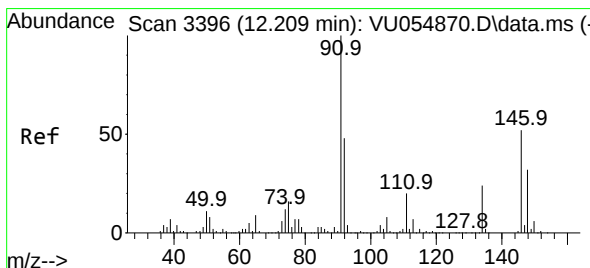
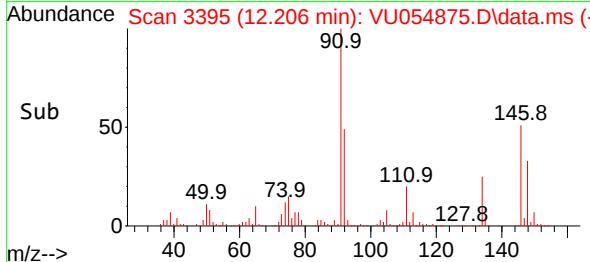
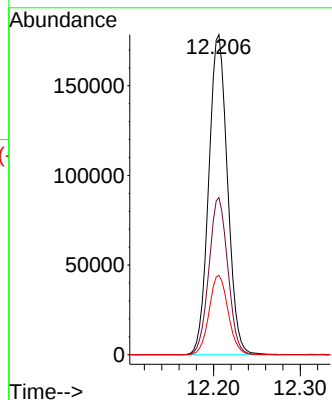
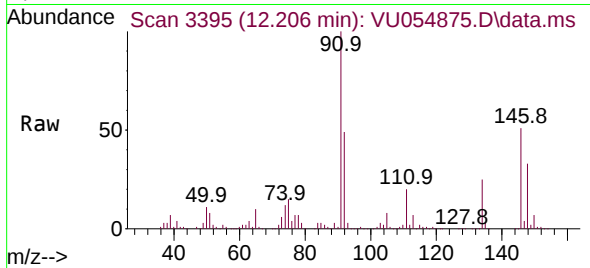




#84
n-Butylbenzene
Concen: 10.271 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

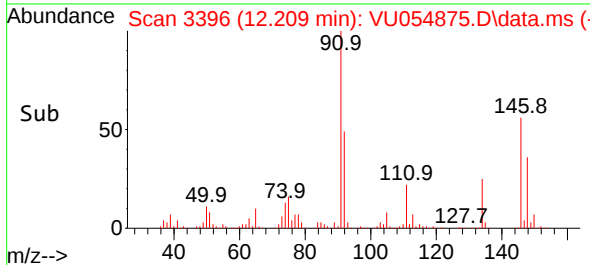
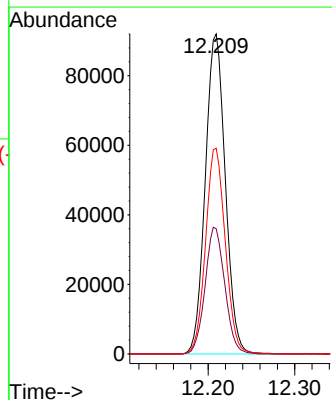
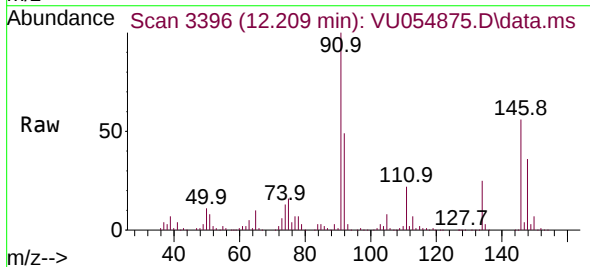
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

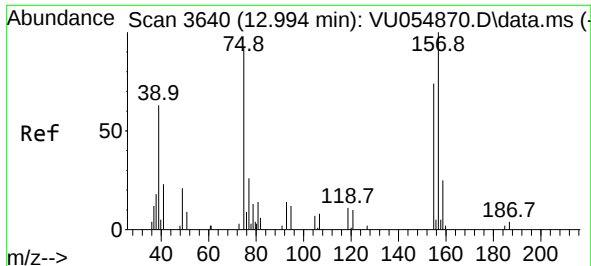
Tgt Ion: 91 Resp: 268609
Ion Ratio Lower Upper
91 100
92 49.6 39.8 59.8
134 25.1 20.2 30.4



#85
1,2-Dichlorobenzene
Concen: 9.622 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:146 Resp: 147309
Ion Ratio Lower Upper
146 100
111 39.0 19.8 59.4
148 63.7 31.8 95.3

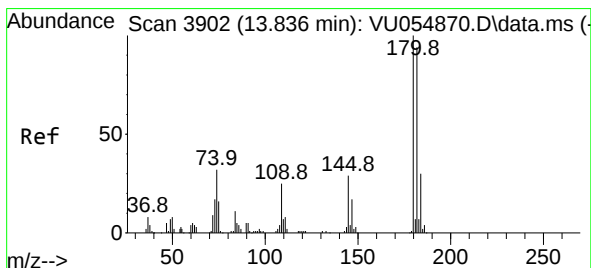
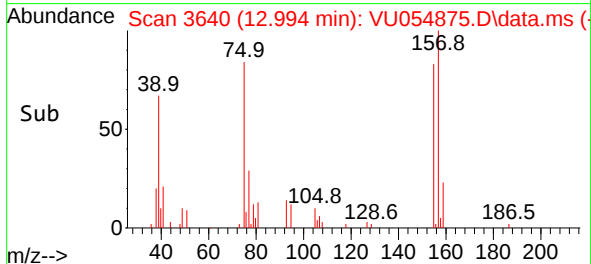
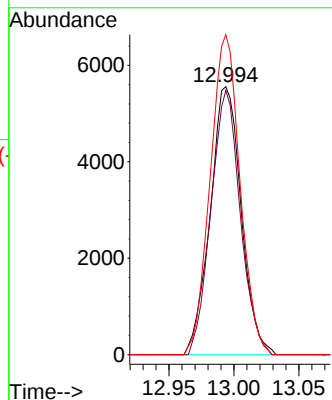
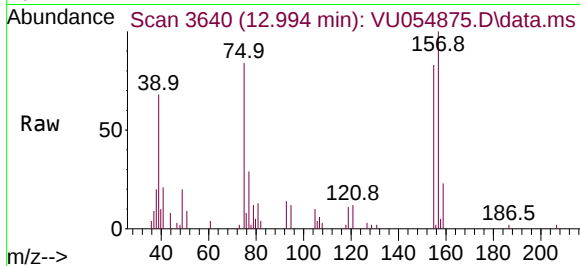




#86
1,2-Dibromo-3-Chloropropane
Concen: 10.537 ug/l
RT: 12.994 min Scan# 30
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

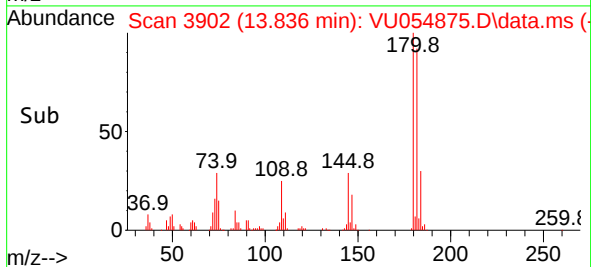
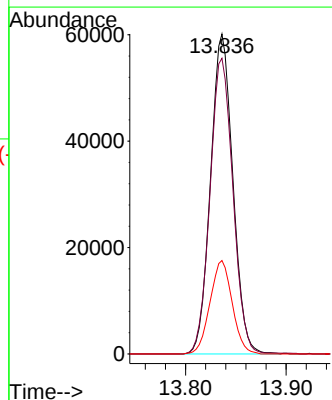
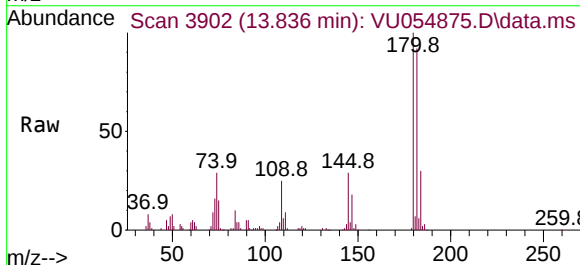
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072623

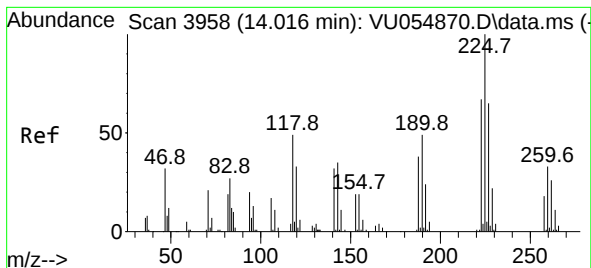
Tgt Ion: 75 Resp: 9190
Ion Ratio Lower Upper
75 100
155 93.4 74.8 112.2
157 115.2 97.4 146.0



#87
1,2,4-Trichlorobenzene
Concen: 9.499 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054875.D
Acq: 26 Jul 2023 13:21

Tgt Ion:180 Resp: 92759
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.6
145 29.0 23.4 35.0





#88

Hexachlorobutadiene

Concen: 10.125 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072623

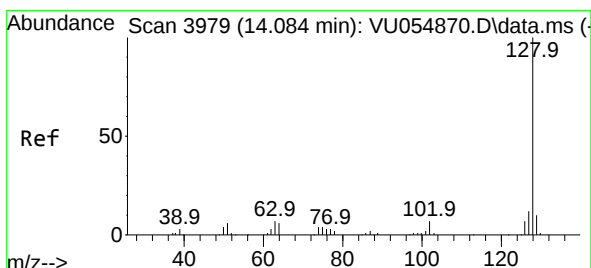
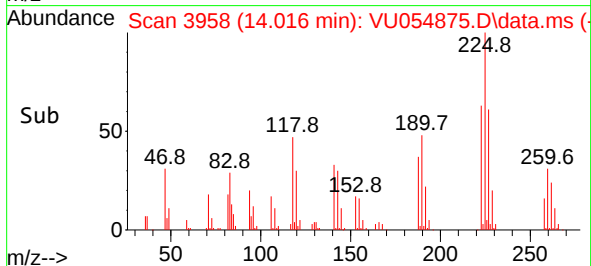
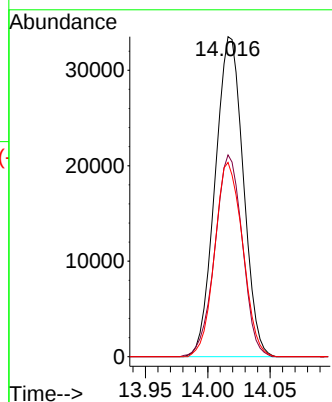
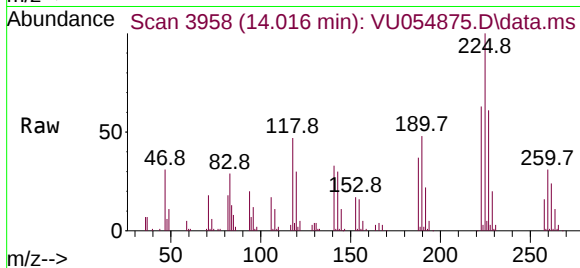
Tgt Ion:225 Resp: 52728

Ion Ratio Lower Upper

225 100

223 61.4 50.6 76.0

227 60.2 50.7 76.1



#89

Naphthalene

Concen: 9.438 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU054875.D

Acq: 26 Jul 2023 13:21

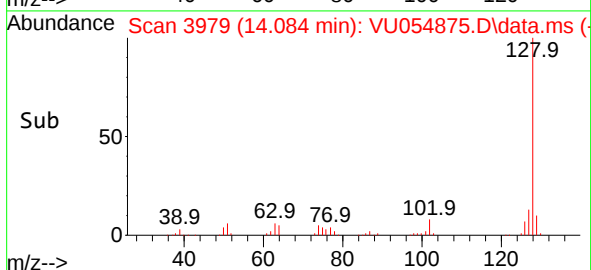
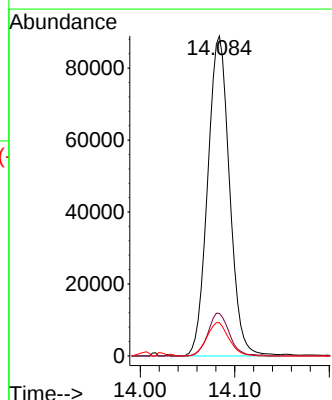
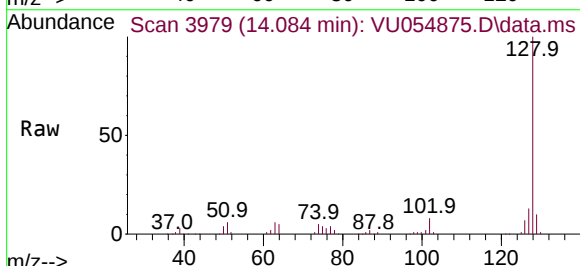
Tgt Ion:128 Resp: 142719

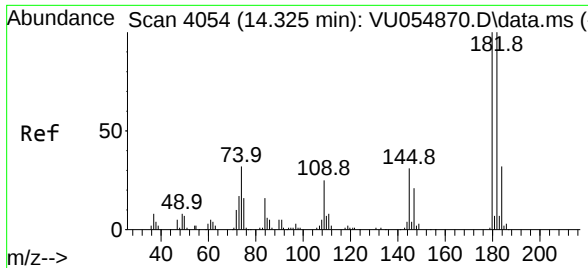
Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.5 8.7 13.1





#90
 1,2,3-Trichlorobenzene
 Concen: 9.374 ug/l
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.000 min
 Lab File: VU054875.D
 Acq: 26 Jul 2023 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072623

Tgt Ion:	180	Resp:	81218
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.0	114.0
145	31.2	24.3	36.5

