

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054870.D
 Acq On : 25 Jul 2023 13:22
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 28 03:03:43 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	28020	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	8966	1.055	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9444	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	52118	9.768	ug/l	97
3) Chloromethane	1.518	50	57349	9.568	ug/l	99
4) Vinyl Chloride	1.602	62	78230	9.773	ug/l	99
5) Bromomethane	1.856	94	62715	9.876	ug/l	98
6) Chloroethane	1.930	64	85855	10.377	ug/l	100
7) Trichlorofluoromethane	2.132	101	179004	9.519	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	57646	9.459	ug/l	97
9) 1,1-Dichloroethene	2.576	96	47914	9.904	ug/l	99
10) Iodomethane	2.718	142	76989	10.194	ug/l	99
11) Allyl Chloride	2.920	41	55522	9.603	ug/l	99
12) Acrylonitrile	3.322	53	24160	19.900	ug/l	96
13) Acetone	2.644	43	61085	48.139	ug/l	90
14) Carbon Disulfide	2.788	76	77619	9.261	ug/l	98
15) Methylene Chloride	3.042	84	59048	9.563	ug/l	97
16) trans-1,2-Dichloroethene	3.348	96	51064	9.696	ug/l	91
17) 1,1-Dichloroethane	3.862	63	113071	9.600	ug/l	98
18) 2-Butanone	4.711	43	85401	53.351	ug/l	94
19) Cyclohexane	5.383	56	65377	9.864	ug/l	93
20) Methylcyclohexane	6.759	83	88666	10.005	ug/l	98
21) 2,2-Dichloropropane	4.660	77	101481	9.295	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	69208	9.888	ug/l	97
23) Diethyl Ether	2.374	59	68672	9.622	ug/l	99
24) tert-Butyl Alcohol	3.235	59	36798	55.422	ug/l	# 92
25) Methyl tert-Butyl Ether	3.361	73	148815	9.941	ug/l	99
26) Bromochloromethane	4.972	128	28305	9.861	ug/l	99
27) Chloroform	5.084	83	125530	9.924	ug/l	100
28) 1,1,1-Trichloroethane	5.312	97	106374	9.737	ug/l	99
29) 1,1-Dichloropropene	5.521	75	78668	9.761	ug/l	99
30) Carbon Tetrachloride	5.521	117	88028	9.653	ug/l	97
31) Isopropyl Ether	3.991	45	171863	9.885	ug/l	100
32) Ethyl-t-butyl ether	4.499	59	174253	9.734	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	165166	9.759	ug/l	100
34) Propionitrile	4.791	54	25177	57.050	ug/l	# 96
35) Benzene	5.772	78	250049	9.908	ug/l	100
36) 1,2-Dichloroethane	5.791	62	70462	9.814	ug/l	100
37) Trichloroethene	6.537	130	66891	9.855	ug/l	95
38) 1,2-Dichloropropane	6.788	63	72392	10.147	ug/l	99
39) Methacrylonitrile	4.978	41	18343	10.368	ug/l	91
40) Methyl acrylate	4.849	55	30960	11.005	ug/l	98
41) Tetrahydrofuran	5.062	42	18667	18.452	ug/l	99
42) 1-Chlorobutane	5.454	56	99353	9.415	ug/l	100
43) Dibromomethane	6.917	93	34472	10.287	ug/l	97
44) Bromodichloromethane	7.103	83	95040	10.180	ug/l	97

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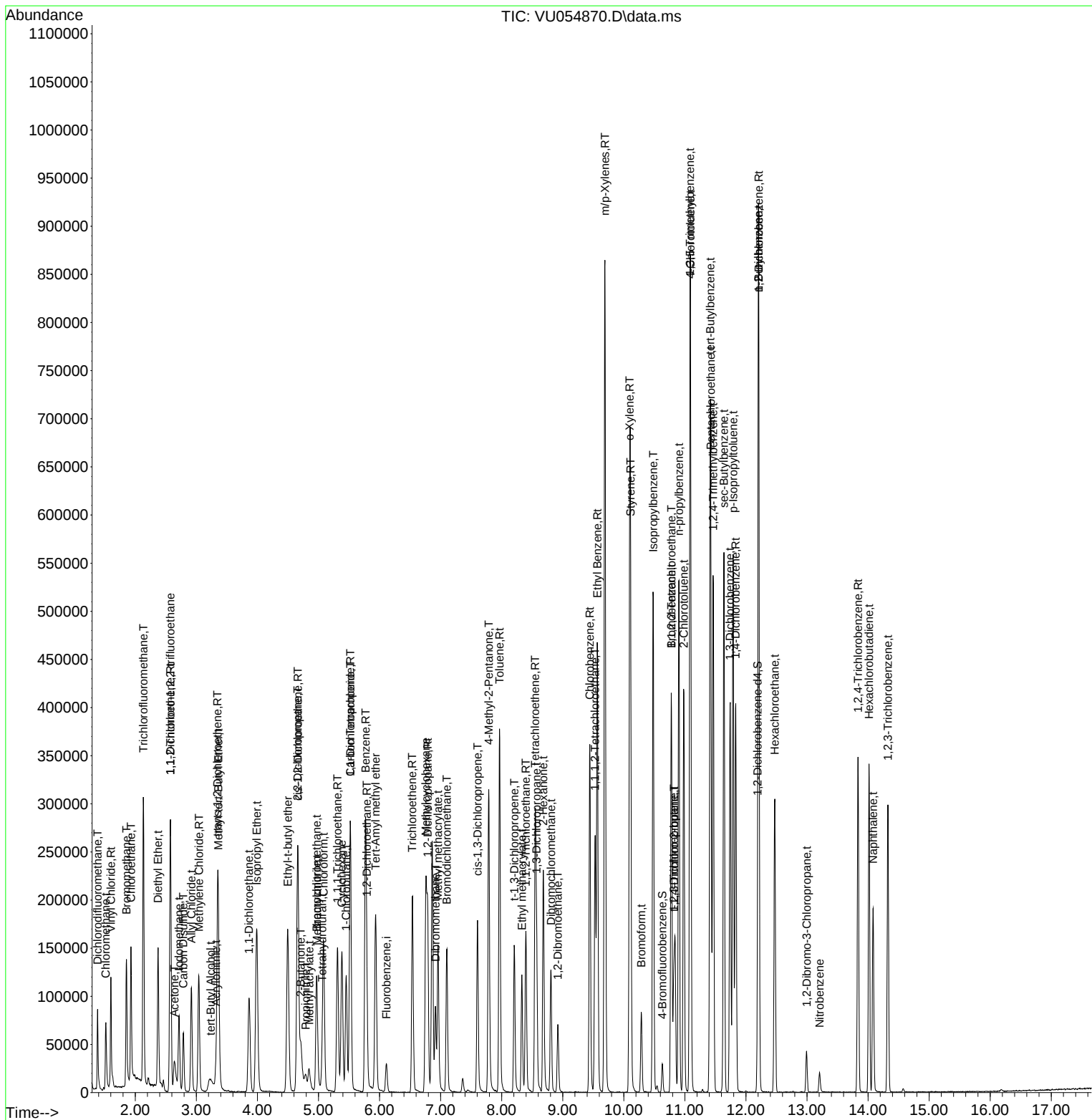
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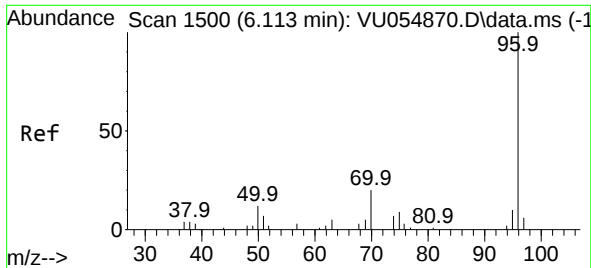
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	198687	50.816	ug/l	99
46) t-1,4-Dichloro-2-butene	10.823	75	82231	52.269	ug/l #	52
47) Methyl methacrylate	6.959	69	64773	21.143	ug/l	98
48) Ethyl methacrylate	8.332	69	65916	10.638	ug/l	95
49) Toluene	7.965	92	159218	9.904	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	84773	10.227	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	103512	10.160	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	51636	9.720	ug/l	93
53) 1,3-Dichloropropane	8.573	76	85697	9.972	ug/l	97
54) 2-Hexanone	8.682	43	147550	53.107	ug/l	99
55) Dibromochloromethane	8.807	129	62197	10.219	ug/l	94
56) 1,2-Dibromoethane	8.920	107	46610	10.353	ug/l	100
58) Tetrachloroethene	8.550	164	57553	9.714	ug/l	94
59) Chlorobenzene	9.444	112	191805	9.831	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.531	131	68837	9.994	ug/l	97
61) Pentachloroethane	11.425	117	56605	10.519	ug/l	100
62) Hexachloroethane	12.473	117	59117	10.683	ug/l	97
63) Ethyl Benzene	9.566	91	331517	10.127	ug/l	100
64) m/p-Xylenes	9.692	106	247584	20.214	ug/l	100
65) o-Xylene	10.097	106	126702	10.071	ug/l	96
66) Styrene	10.113	104	210203	10.450	ug/l	99
67) Bromoform	10.286	173	35520	11.254	ug/l	98
69) Isopropylbenzene	10.483	105	342807	10.150	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	68629	10.437	ug/l	97
71) 1,2,3-Trichloropropane	10.823	75	82231	17.557	ug/l #	72
72) Bromobenzene	10.778	156	78098	10.386	ug/l	99
73) n-propylbenzene	10.904	120	93497	10.344	ug/l	96
74) 2-Chlorotoluene	10.984	126	80636	10.305	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	283705	10.373	ug/l	100
76) 4-Chlorotoluene	11.093	126	85977	10.576	ug/l	100
77) tert-Butylbenzene	11.418	119	292045	10.267	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	292413	10.443	ug/l	100
79) sec-Butylbenzene	11.640	105	386864	10.462	ug/l	100
80) Nitrobenzene	13.206	77	9728	56.309	ug/l #	97
81) p-Isopropyltoluene	11.791	119	315549	10.813	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	161111	10.064	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	160784	10.075	ug/l	98
84) n-Butylbenzene	12.206	91	296857	11.325	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	150927	9.835	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	9676	11.069	ug/l	95
87) 1,2,4-Trichlorobenzene	13.836	180	100837	10.303	ug/l	98
88) Hexachlorobutadiene	14.016	225	54091	10.362	ug/l	99
89) Naphthalene	14.084	128	157249	10.375	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	87083	10.028	ug/l	99

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

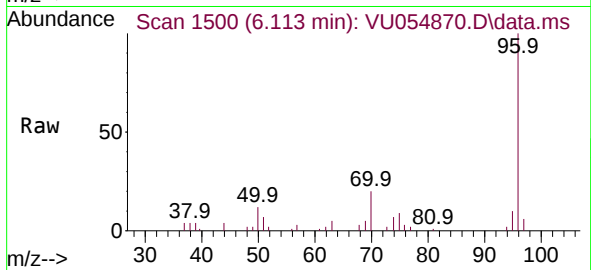
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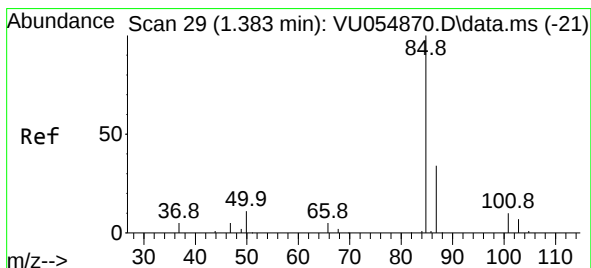
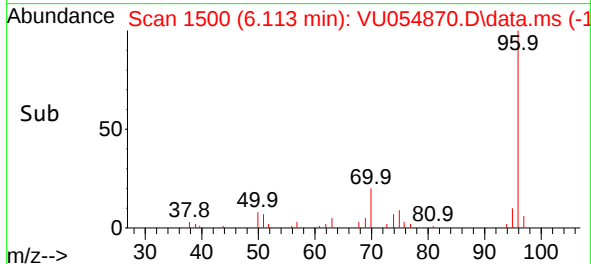
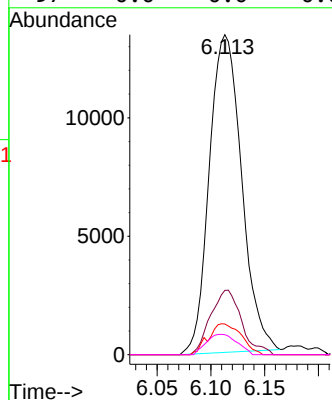


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Instrument :
MSVOA_U
ClientSampleId :

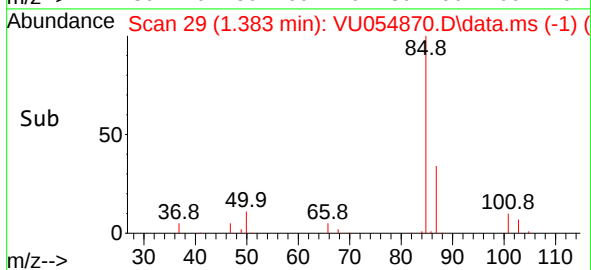
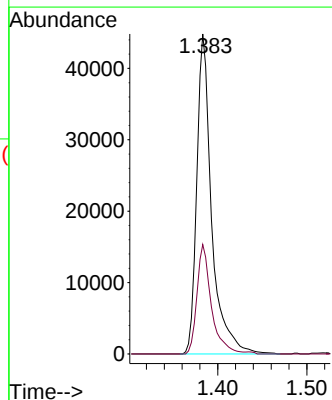
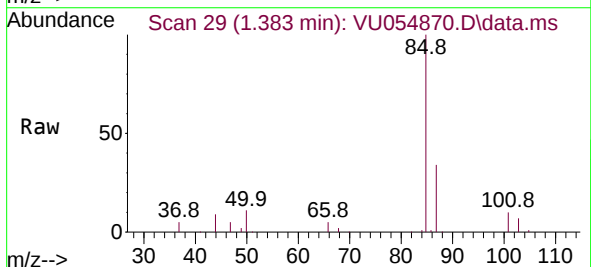


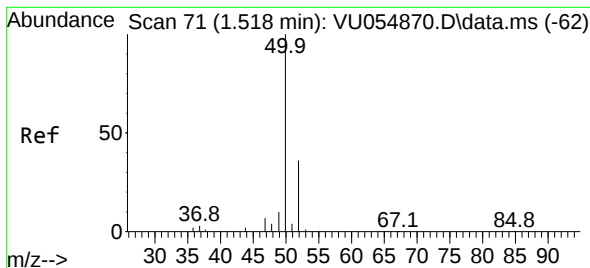
Tgt Ion:	96	Resp:	28020
Ion	Ratio	Lower	Upper
96	100		
70	19.5	14.0	21.0
95	9.9	8.7	13.1
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 9.768 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion:	85	Resp:	52118
Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.2	48.6





#3

Chloromethane

Concen: 9.568 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

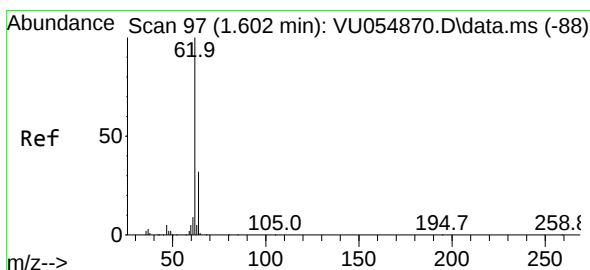
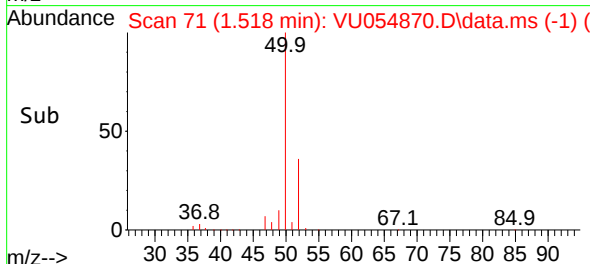
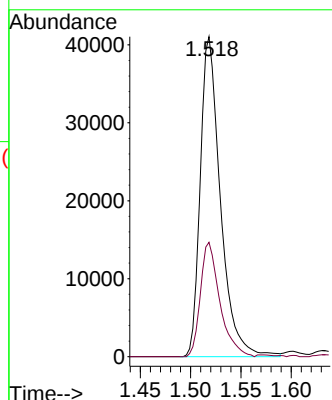
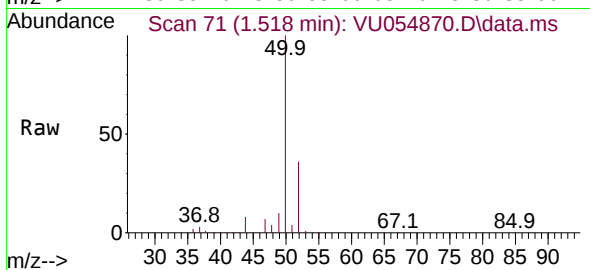
ClientSampleId :

Tgt Ion: 50 Resp: 57349

Ion Ratio Lower Upper

50 100

52 35.8 28.2 42.2



#4

Vinyl Chloride

Concen: 9.773 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU054870.D

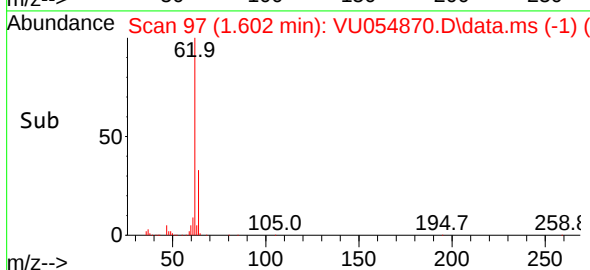
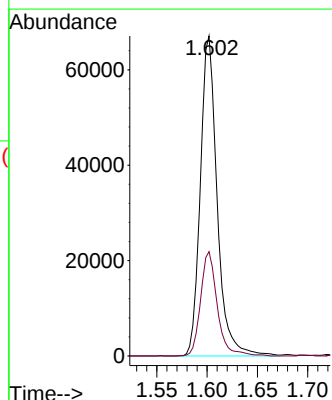
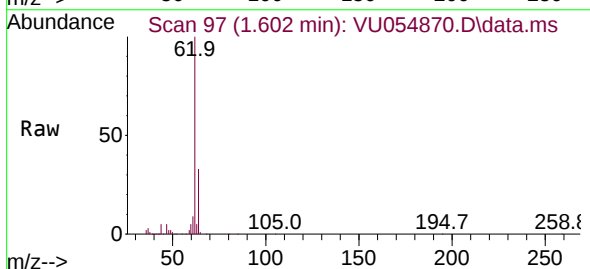
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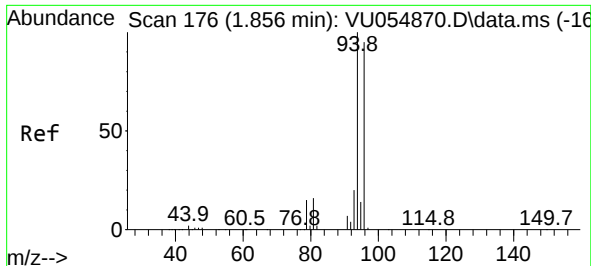
Tgt Ion: 62 Resp: 78230

Ion Ratio Lower Upper

62 100

64 32.6 26.4 39.6

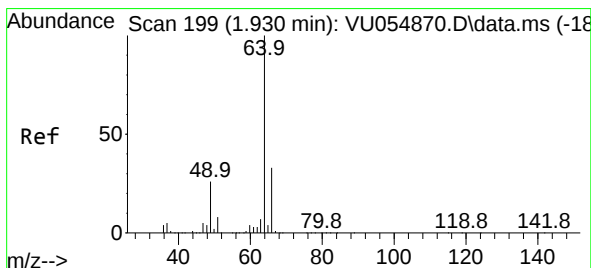
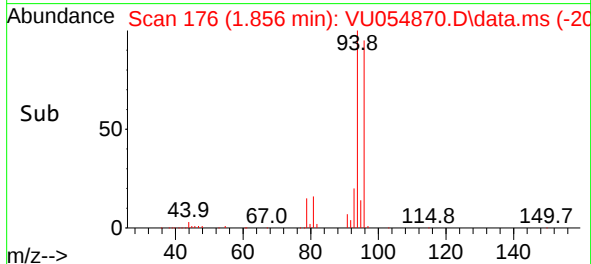
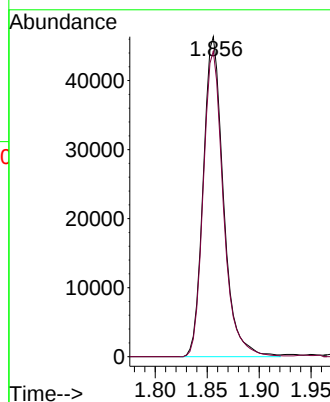
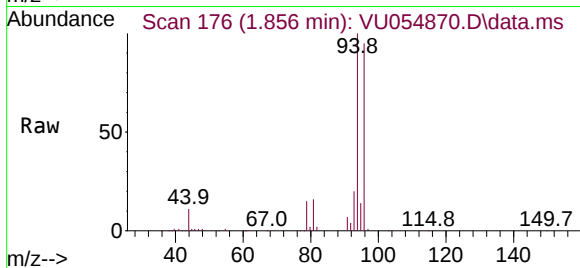




#5
Bromomethane
Concen: 9.876 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

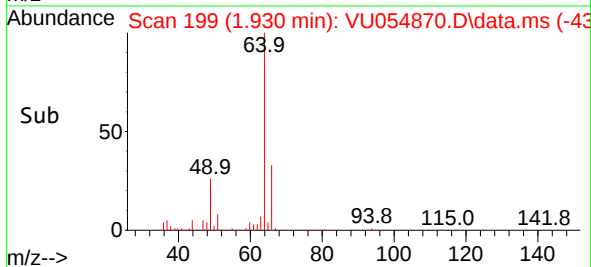
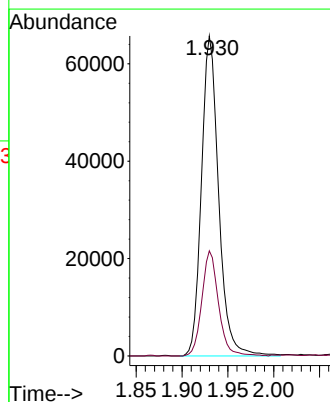
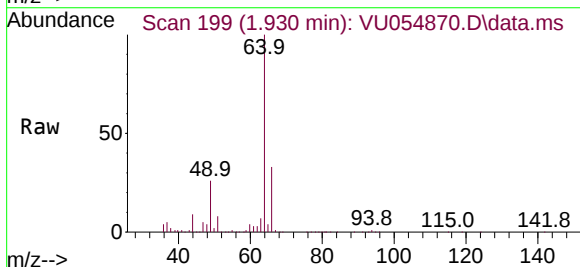
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MSVOA_U
ClientSampleId :

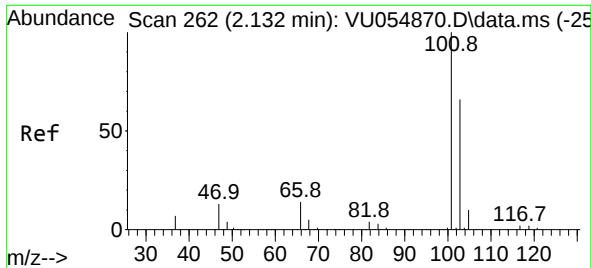
Tgt Ion: 94 Resp: 62715
Ion Ratio Lower Upper
94 100
96 95.5 74.6 111.8



#6
Chloroethane
Concen: 10.377 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion: 64 Resp: 85855
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

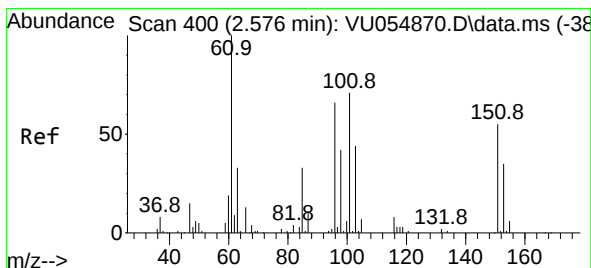
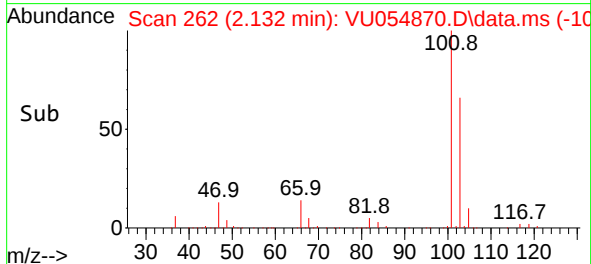
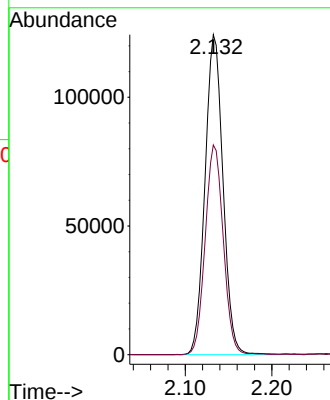
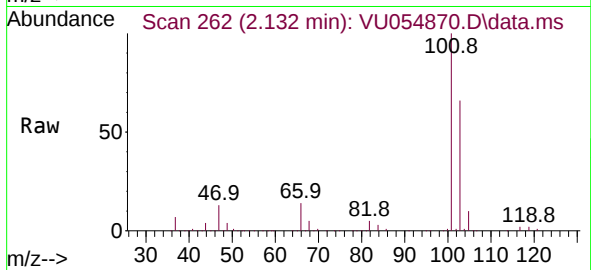




#7
 Trichlorofluoromethane
 Concen: 9.519 ug/l
 RT: 2.132 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

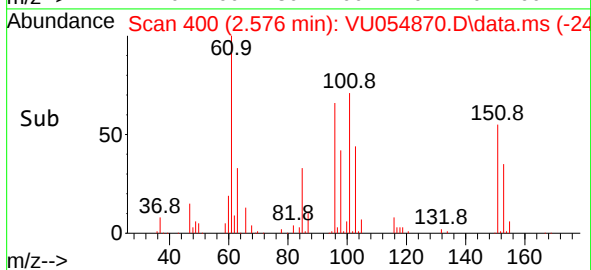
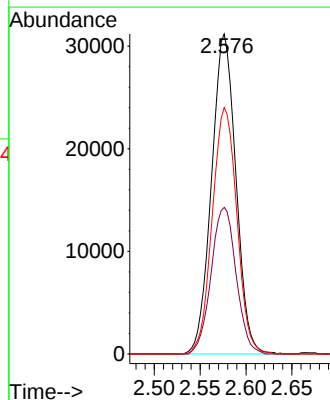
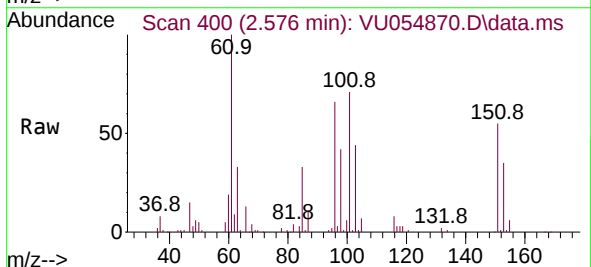
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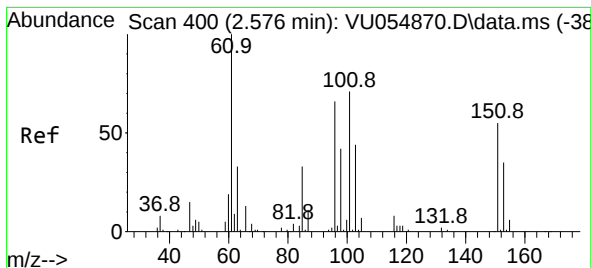
Tgt Ion:101 Resp: 179004
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.9 79.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.459 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

Tgt Ion:101 Resp: 57646
 Ion Ratio Lower Upper
 101 100
 85 47.0 34.8 52.2
 151 77.6 60.5 90.7





#9

1,1-Dichloroethene

Concen: 9.904 ug/l

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

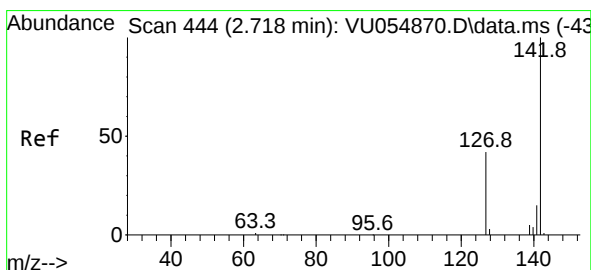
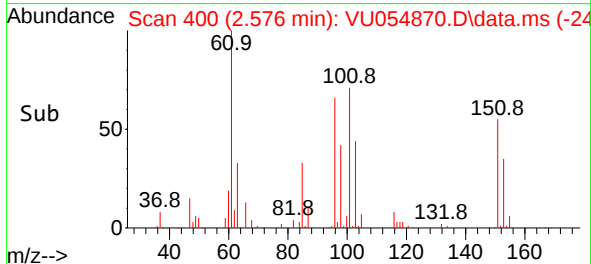
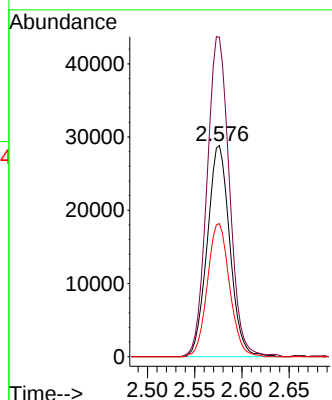
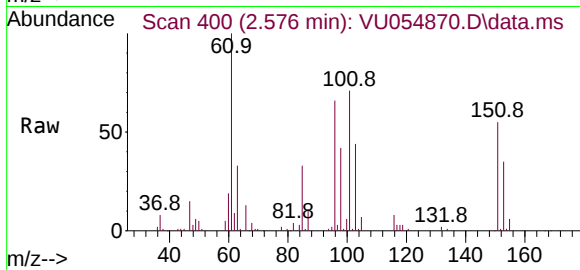
Tgt Ion: 96 Resp: 47914

Ion Ratio Lower Upper

96 100

61 144.7 0.0 440.1

98 60.3 0.0 121.8



#10

Iodomethane

Concen: 10.194 ug/l

RT: 2.718 min Scan# 444

Delta R.T. 0.000 min

Lab File: VU054870.D

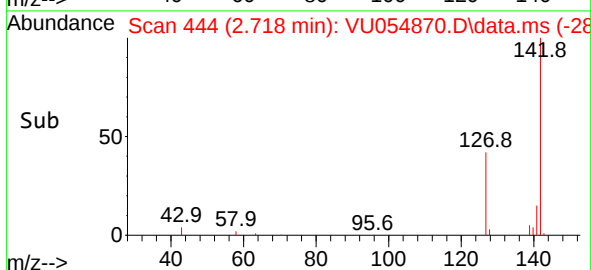
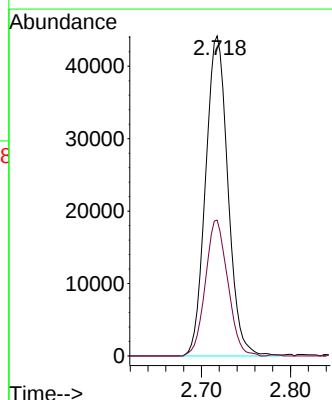
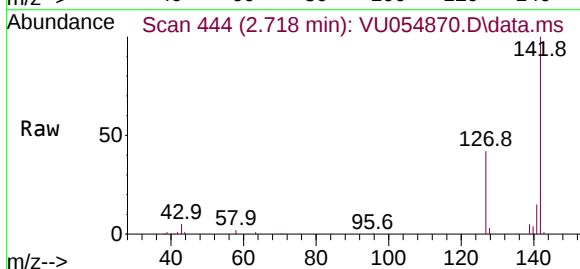
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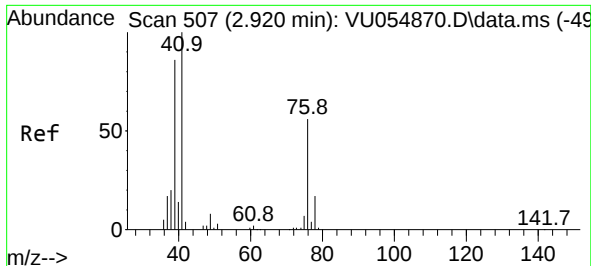
Tgt Ion: 142 Resp: 76989

Ion Ratio Lower Upper

142 100

127 42.5 34.3 51.5





#11

Allyl Chloride

Concen: 9.603 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

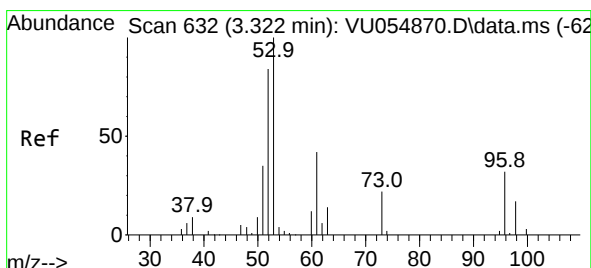
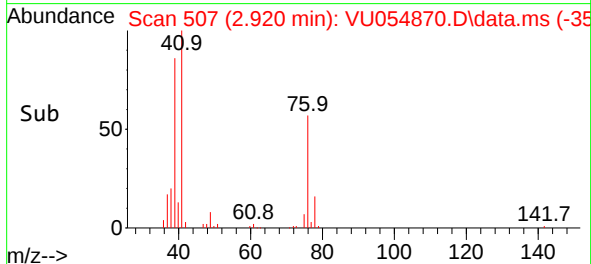
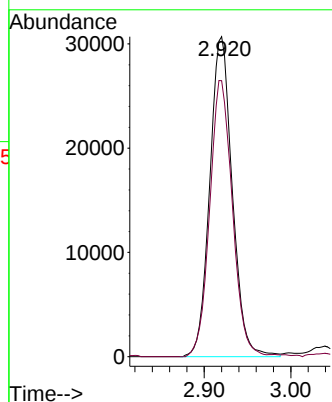
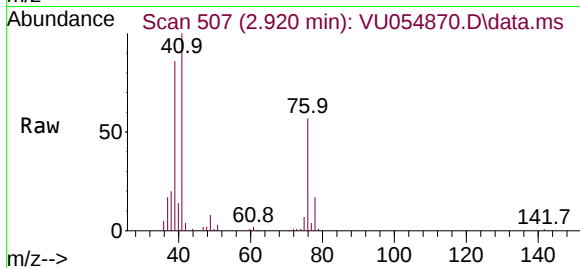
ClientSampleId :

Tgt Ion: 41 Resp: 55522

Ion Ratio Lower Upper

41 100

39 86.8 70.2 105.2



#12

Acrylonitrile

Concen: 19.900 ug/l

RT: 3.322 min Scan# 632

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

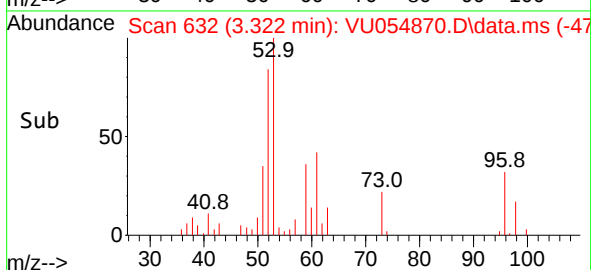
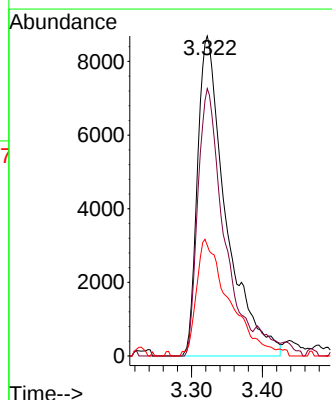
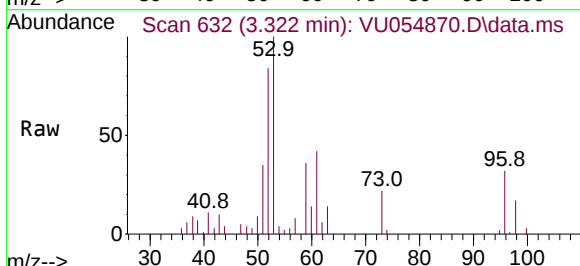
Tgt Ion: 53 Resp: 24160

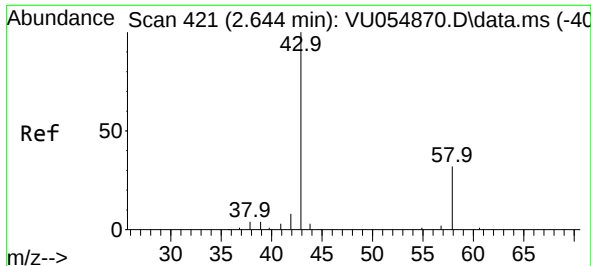
Ion Ratio Lower Upper

53 100

52 75.2 64.2 96.4

51 42.4 33.6 50.4





#13

Acetone

Concen: 48.139 ug/l

RT: 2.644 min Scan# 421

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

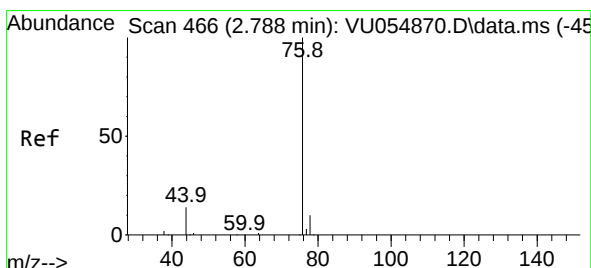
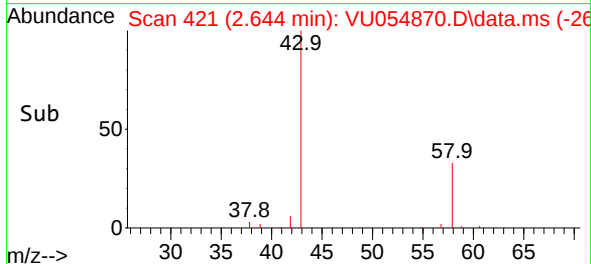
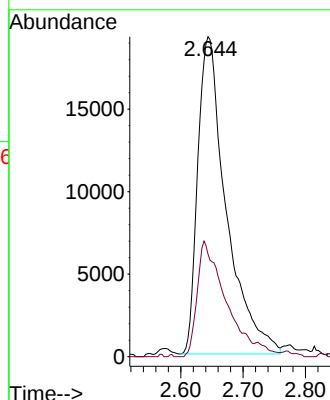
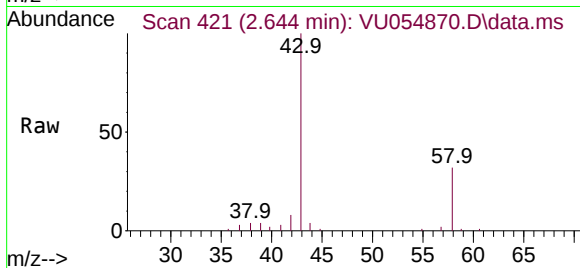
ClientSampleId :

Tgt Ion: 43 Resp: 61085

Ion Ratio Lower Upper

43 100

58 32.3 30.7 46.1



#14

Carbon Disulfide

Concen: 9.261 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054870.D

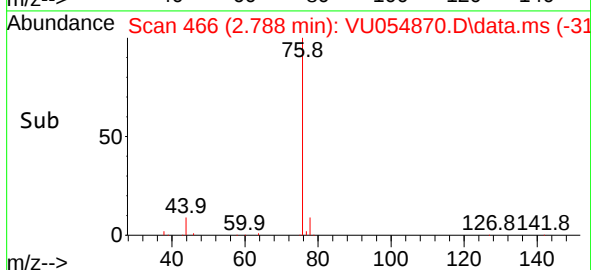
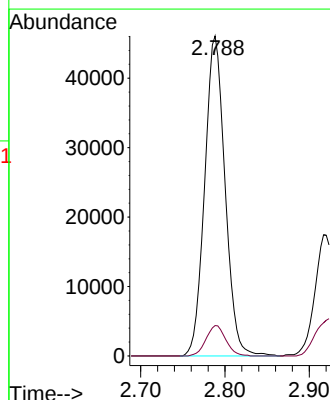
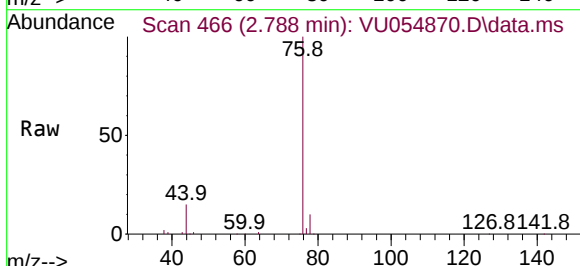
Acq: 25 Jul 2023 13:22

Tgt Ion: 76 Resp: 77619

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7

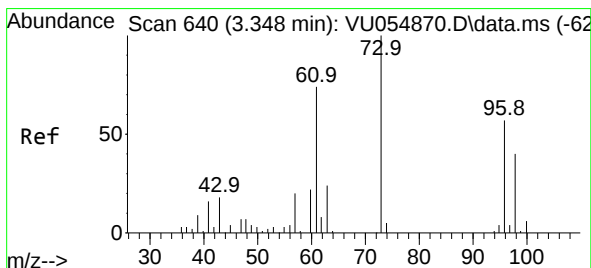
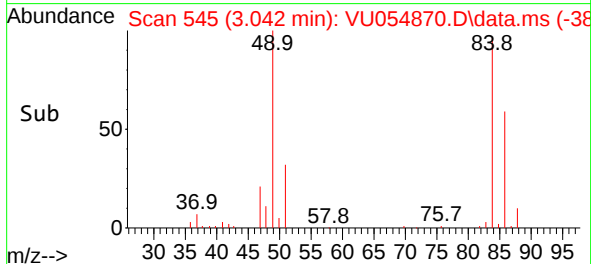
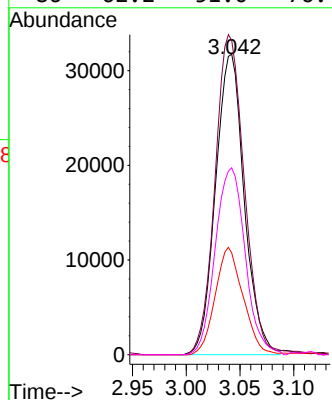
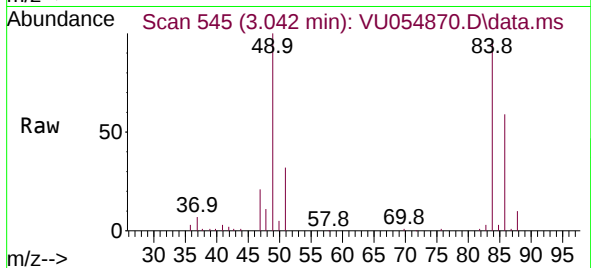




#15
Methylene Chloride
Concen: 9.563 ug/l
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

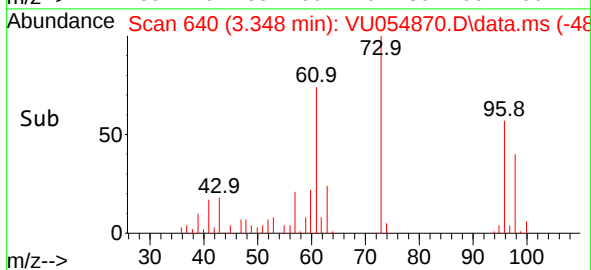
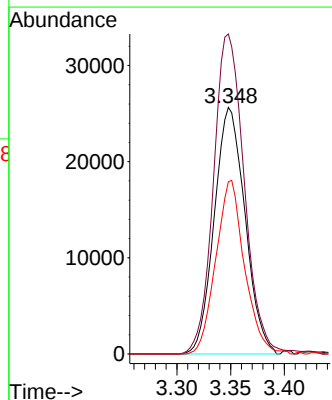
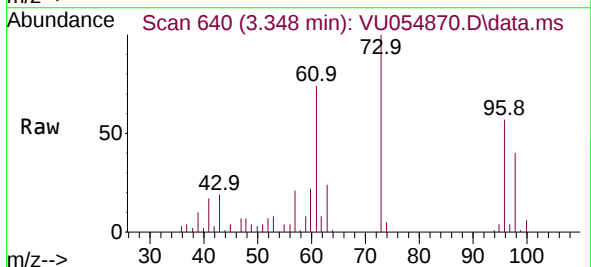
Instrument :
MSVOA_U
ClientSampleId :

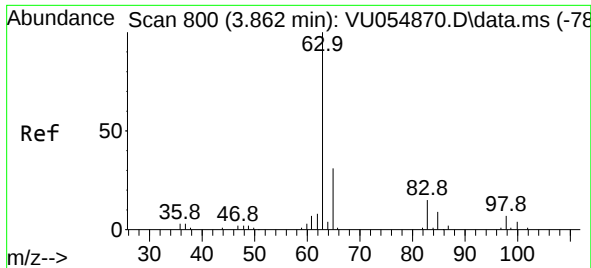
Tgt Ion: 84	Resp: 59048
Ion Ratio	Lower Upper
84 100	
49 104.6	87.8 131.6
51 33.9	0.0 68.2
86 62.2	51.0 76.4



#16
trans-1,2-Dichloroethene
Concen: 9.696 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion: 96	Resp: 51064
Ion Ratio	Lower Upper
96 100	
61 129.8	96.4 144.6
98 69.9	49.3 73.9

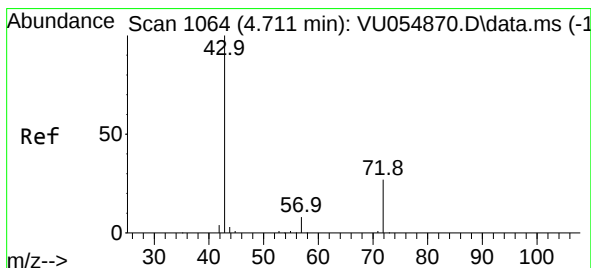
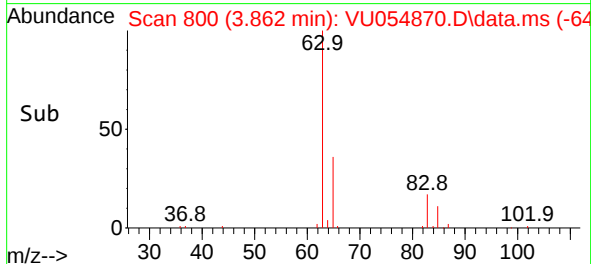
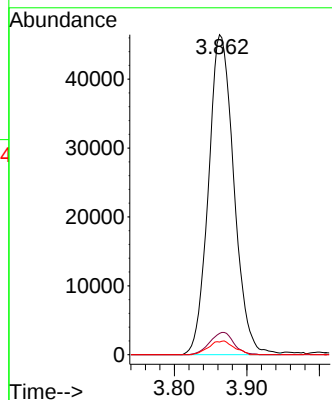
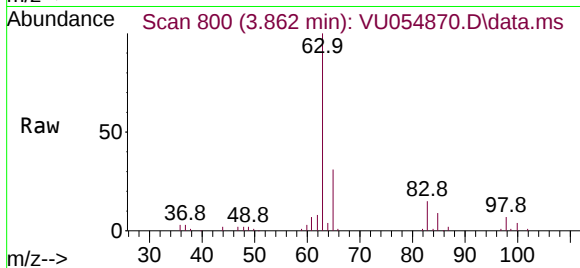




#17
 1,1-Dichloroethane
 Concen: 9.600 ug/l
 RT: 3.862 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

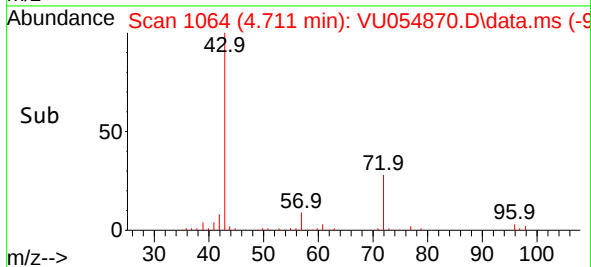
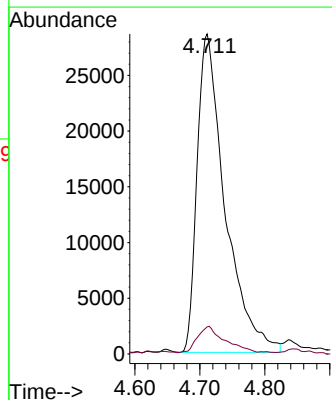
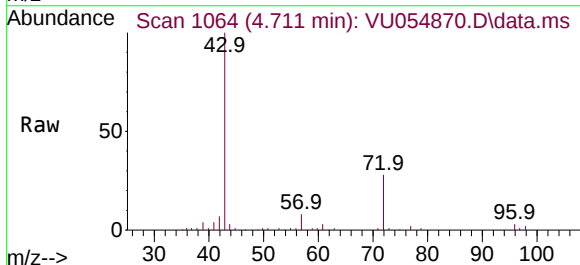
Instrument :
 MSVOA_U
 ClientSampleId :

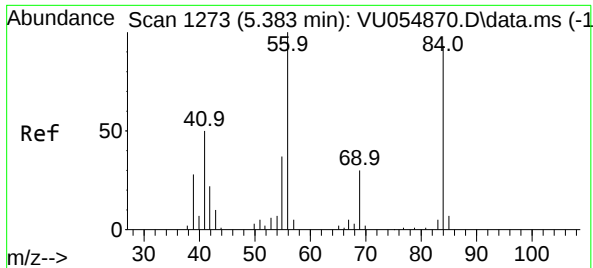
Tgt Ion: 63 Resp: 113071
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 3.9 2.8 8.4



#18
 2-Butanone
 Concen: 53.351 ug/l
 RT: 4.711 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

Tgt Ion: 43 Resp: 85401
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 20.8





#19

Cyclohexane

Concen: 9.864 ug/l

RT: 5.383 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

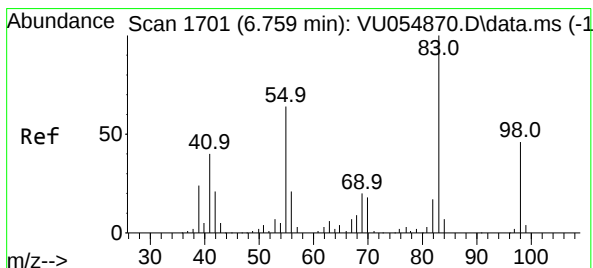
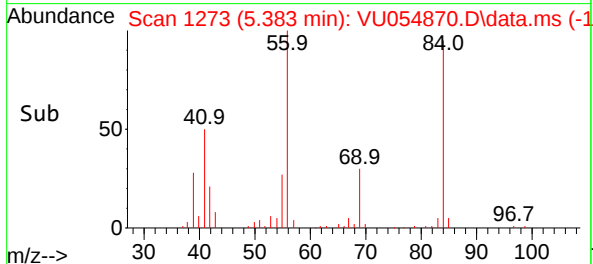
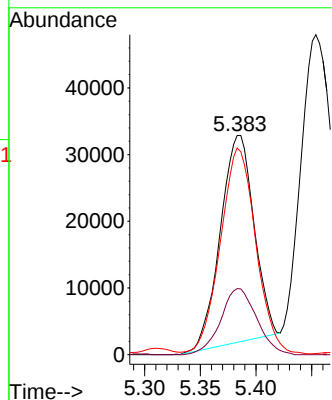
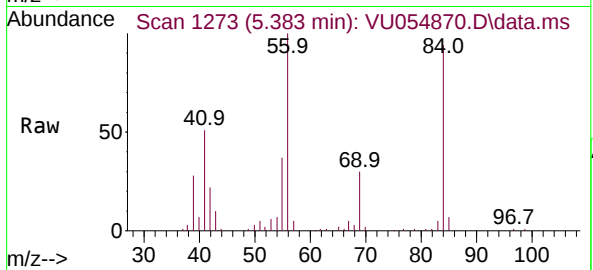
Tgt Ion: 56 Resp: 65377

Ion Ratio Lower Upper

56 100

69 34.2 24.7 37.1

84 103.3 76.5 114.7



#20

Methylcyclohexane

Concen: 10.005 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

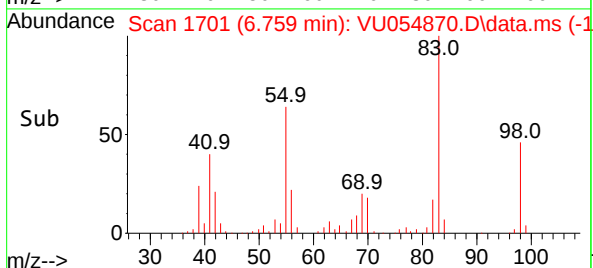
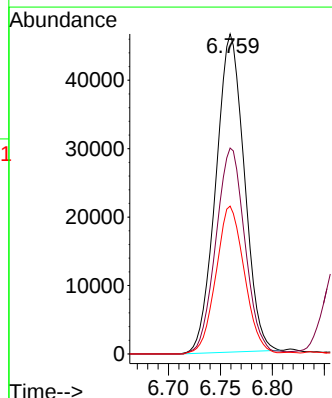
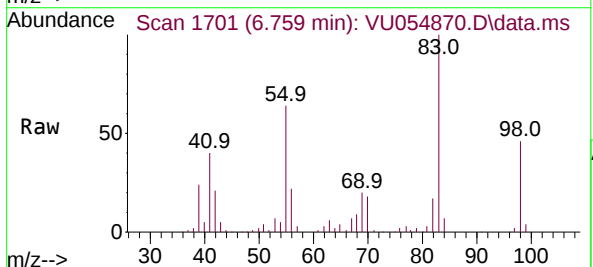
Tgt Ion: 83 Resp: 88666

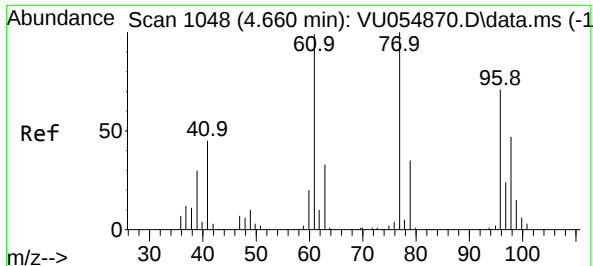
Ion Ratio Lower Upper

83 100

55 65.3 51.6 77.4

98 45.9 38.2 57.2





#21

2,2-Dichloropropane

Concen: 9.295 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

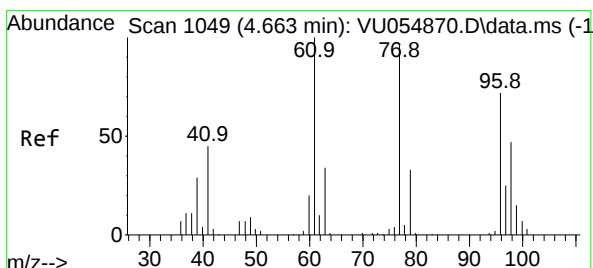
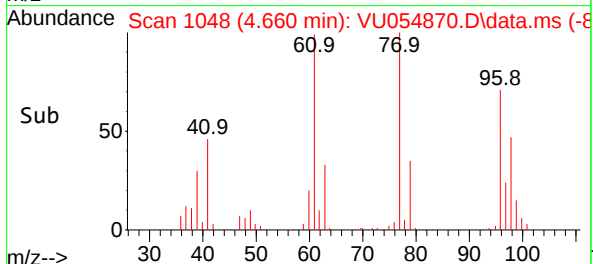
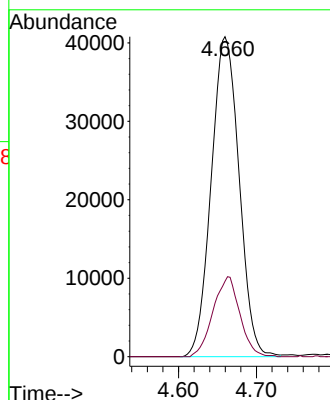
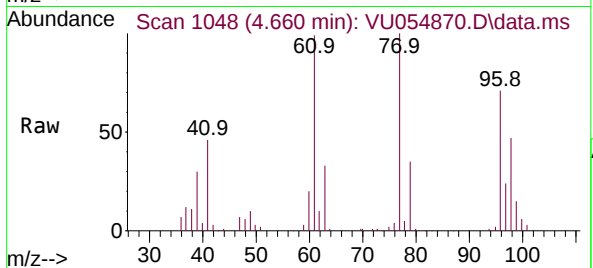
ClientSampleId :

Tgt Ion: 77 Resp: 101481

Ion Ratio Lower Upper

77 100

97 24.0 18.0 27.0



#22

cis-1,2-Dichloroethene

Concen: 9.888 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

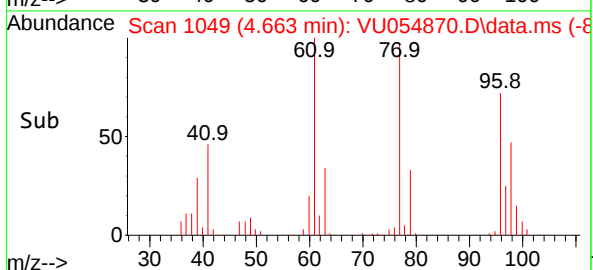
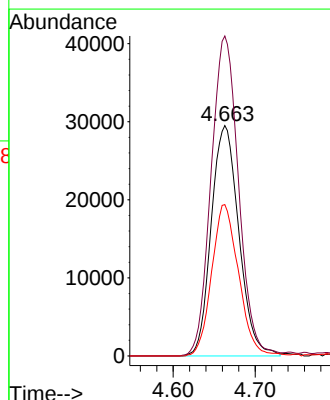
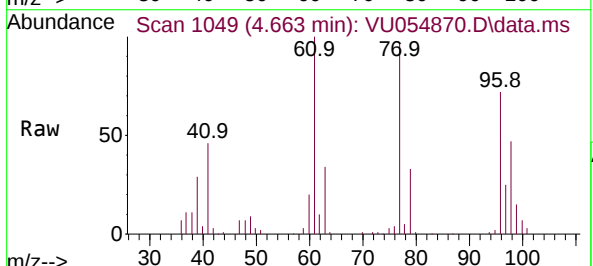
Tgt Ion: 96 Resp: 69208

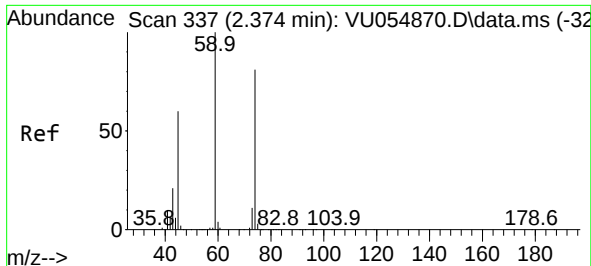
Ion Ratio Lower Upper

96 100

61 138.2 0.0 332.0

98 64.0 32.5 97.5

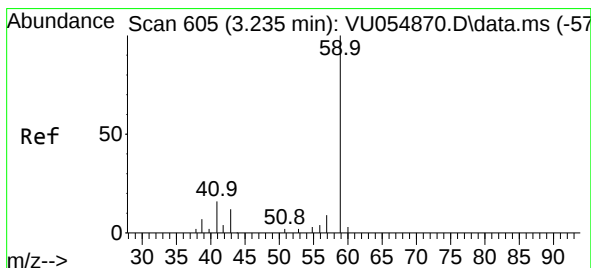
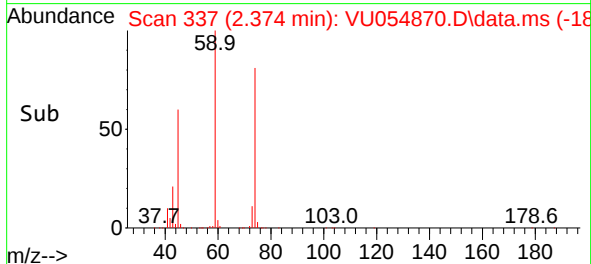
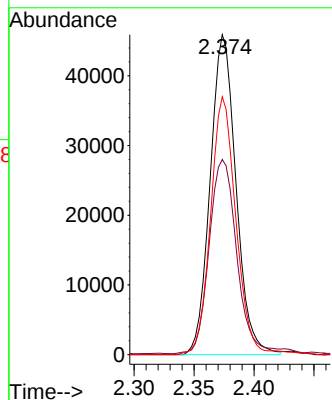
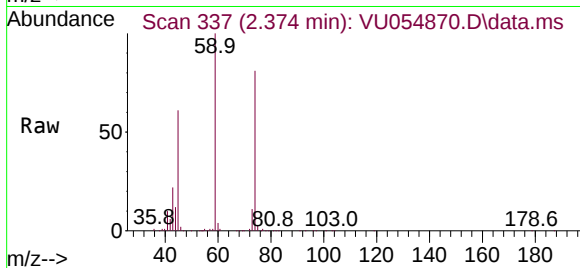




#23
Diethyl Ether
Concen: 9.622 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

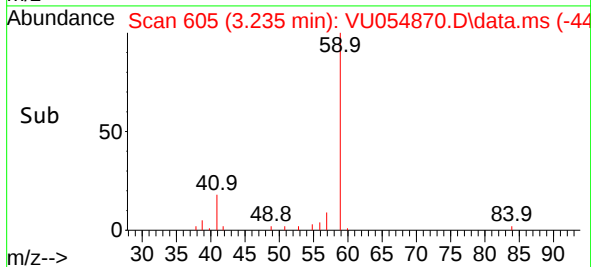
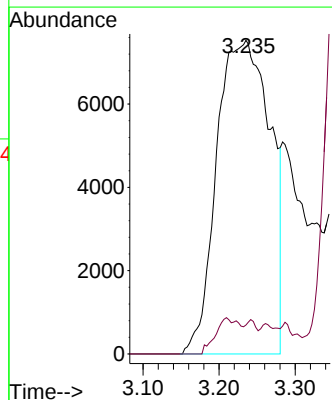
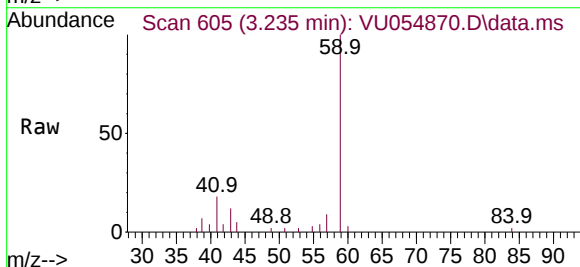
Instrument :
MSVOA_U
ClientSampleId :

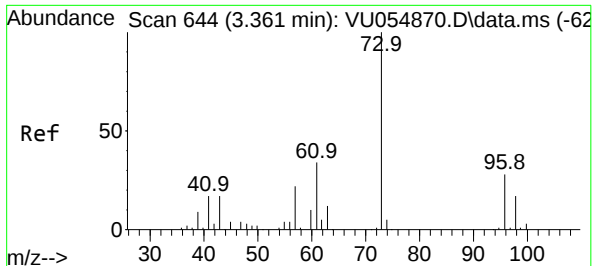
Tgt Ion: 59 Resp: 68672
Ion Ratio Lower Upper
59 100
45 65.2 51.4 77.0
74 79.3 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 55.422 ug/l
RT: 3.235 min Scan# 605
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion: 59 Resp: 36798
Ion Ratio Lower Upper
59 100
57 5.3 2.2 3.2#

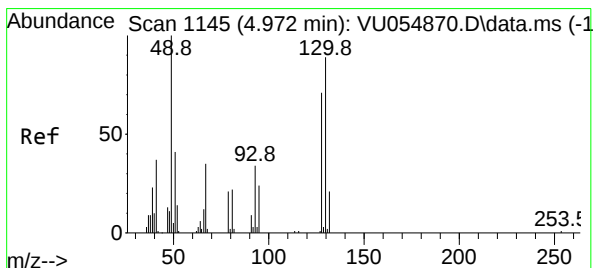
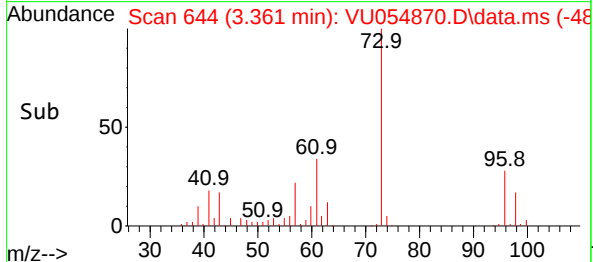
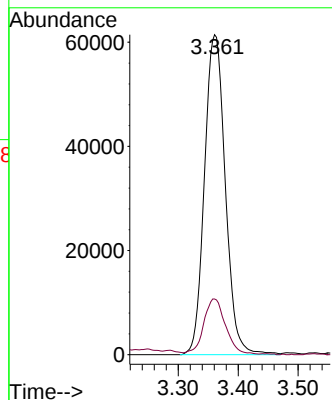
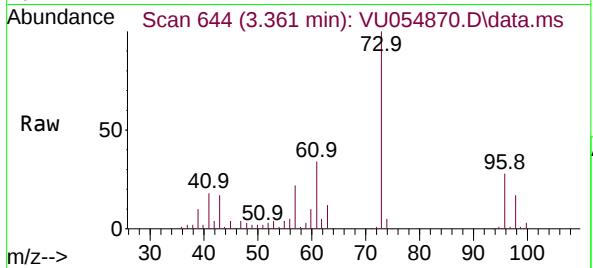




#25
Methyl tert-Butyl Ether
Concen: 9.941 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

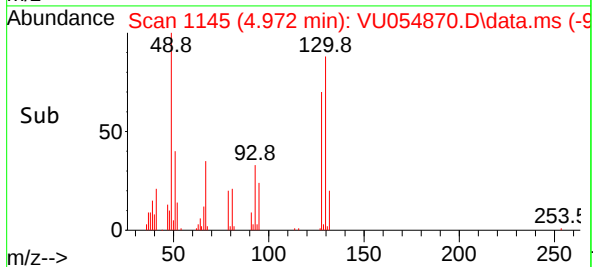
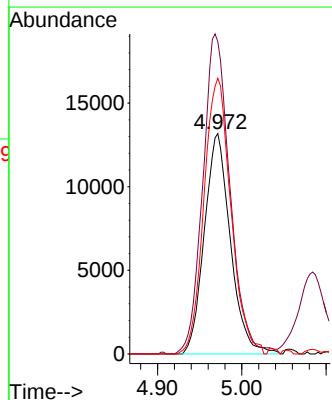
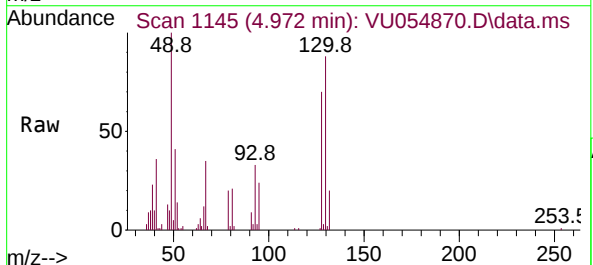
Instrument :
MSVOA_U
ClientSampleId :

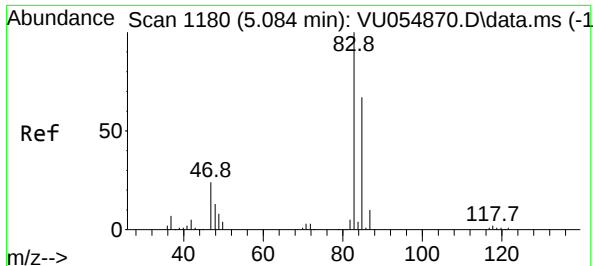
Tgt Ion: 73 Resp: 148815
Ion Ratio Lower Upper
73 100
43 17.9 14.6 22.0



#26
Bromochloromethane
Concen: 9.861 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion: 128 Resp: 28305
Ion Ratio Lower Upper
128 100
49 151.3 0.0 304.0
130 129.5 104.3 156.5





#27

Chloroform

Concen: 9.924 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

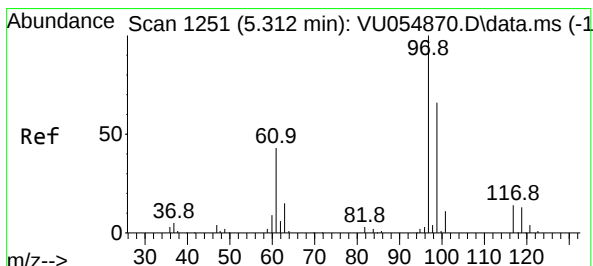
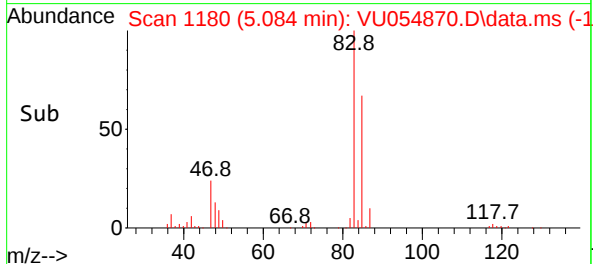
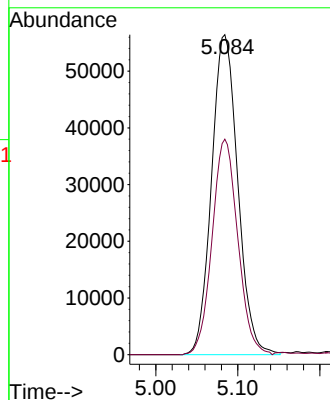
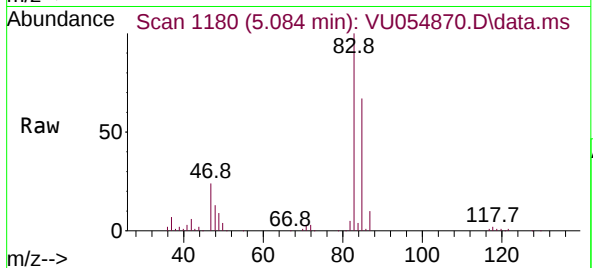
ClientSampleId :

Tgt Ion: 83 Resp: 125530

Ion Ratio Lower Upper

83 100

85 67.3 0.0 135.2



#28

1,1,1-Trichloroethane

Concen: 9.737 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

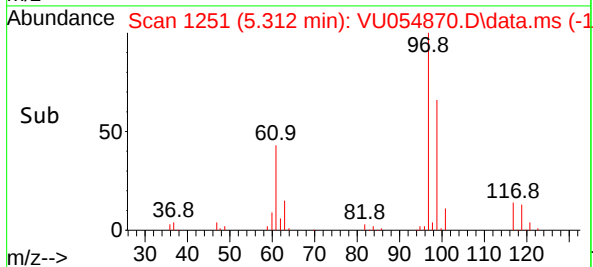
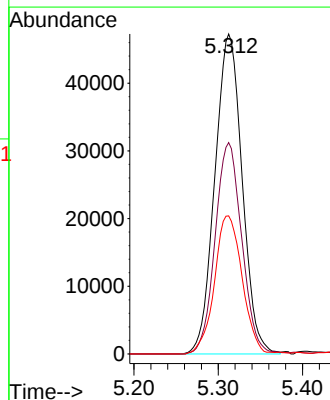
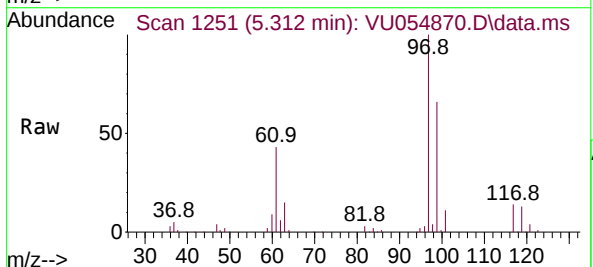
Tgt Ion: 97 Resp: 106374

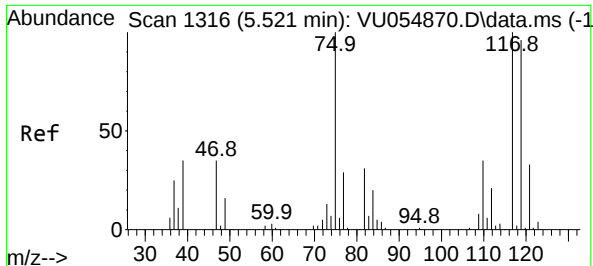
Ion Ratio Lower Upper

97 100

99 64.4 32.0 96.2

61 43.6 21.0 63.0





#29

1,1-Dichloropropene

Concen: 9.761 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

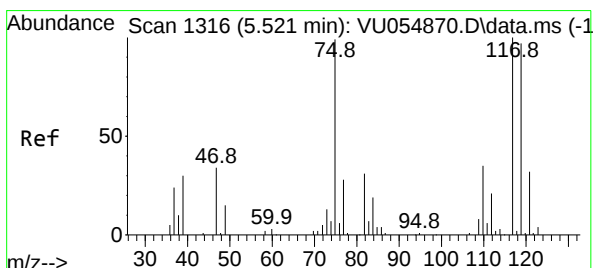
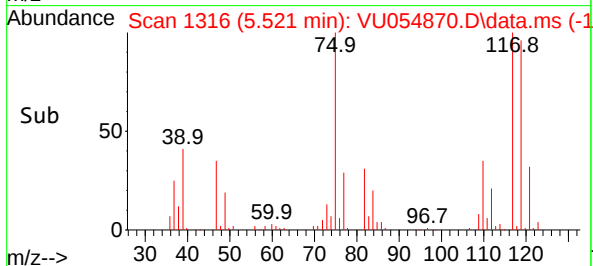
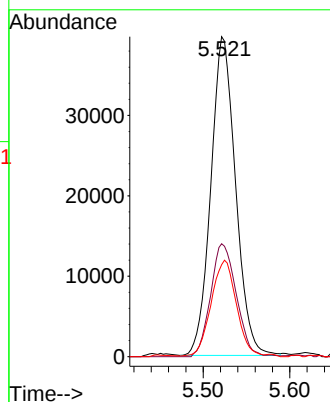
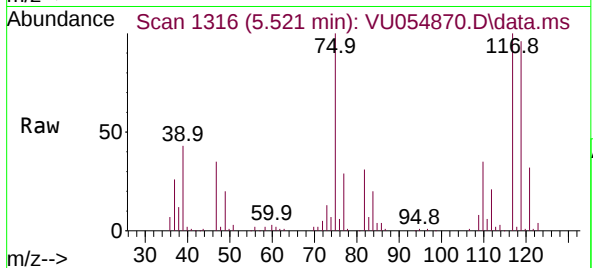
Tgt Ion: 75 Resp: 78668

Ion Ratio Lower Upper

75 100

110 36.7 18.5 55.5

77 30.3 24.9 37.3



#30

Carbon Tetrachloride

Concen: 9.653 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

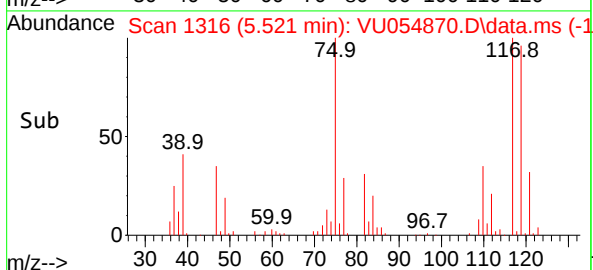
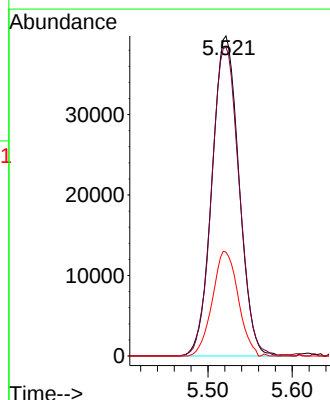
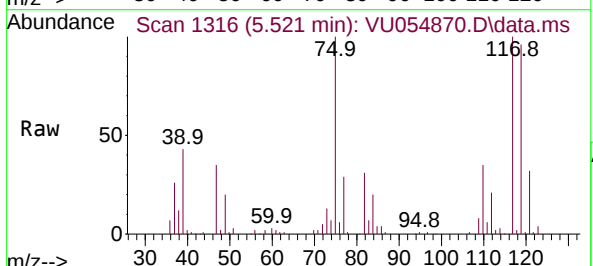
Tgt Ion: 117 Resp: 88028

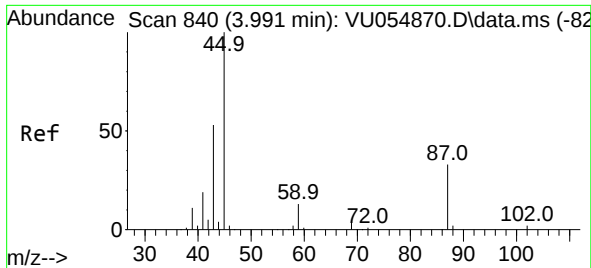
Ion Ratio Lower Upper

117 100

119 96.5 75.6 113.4

121 33.0 23.4 35.0

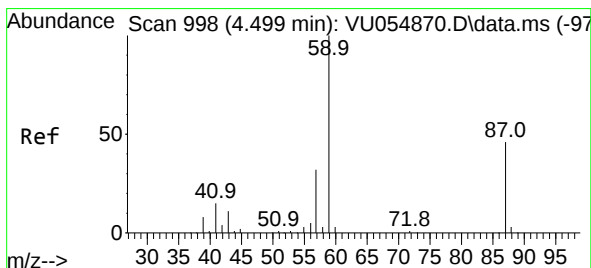
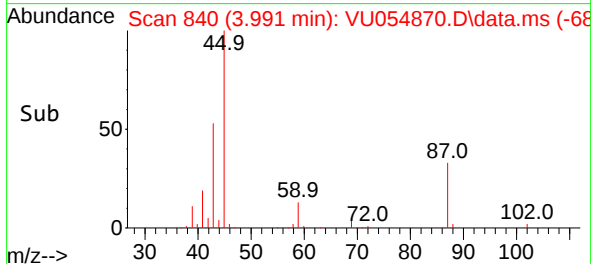
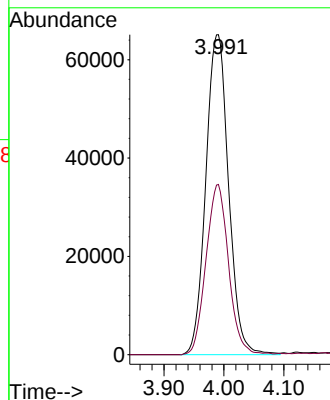
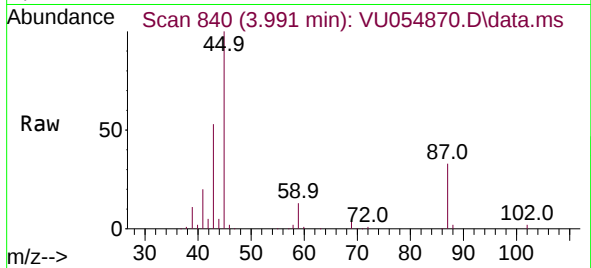




#31
Isopropyl Ether
Concen: 9.885 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

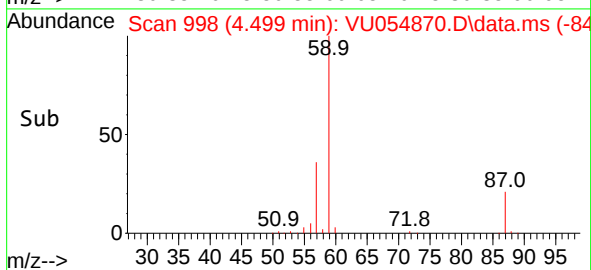
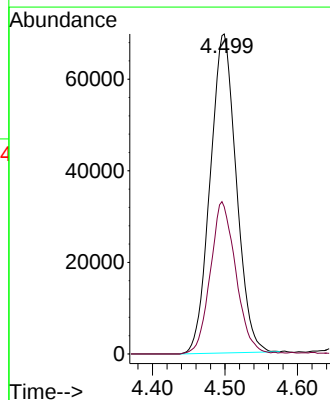
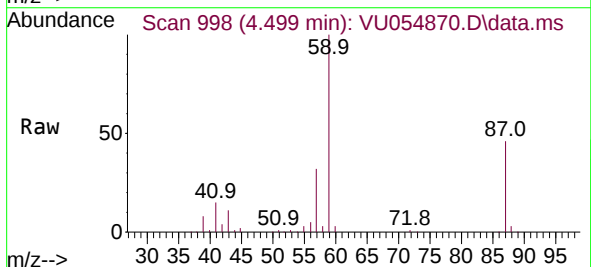
Instrument :
MSVOA_U
ClientSampleId :

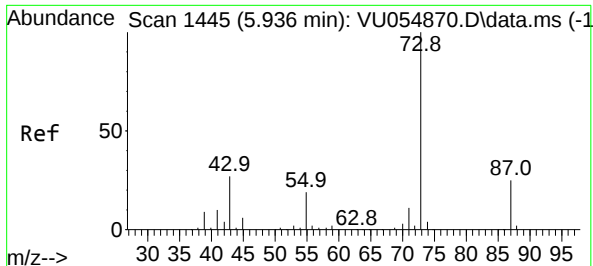
Tgt Ion: 45 Resp: 171863
Ion Ratio Lower Upper
45 100
43 52.6 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 9.734 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion: 59 Resp: 174253
Ion Ratio Lower Upper
59 100
87 46.1 35.7 53.5

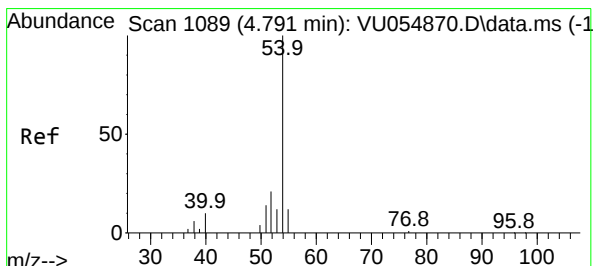
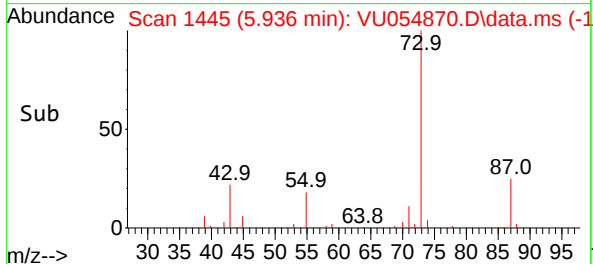
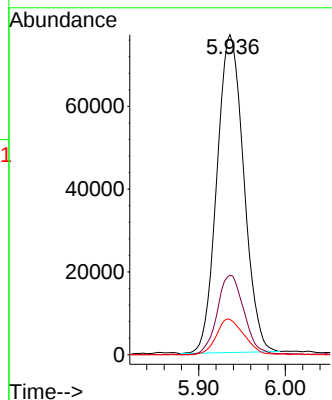
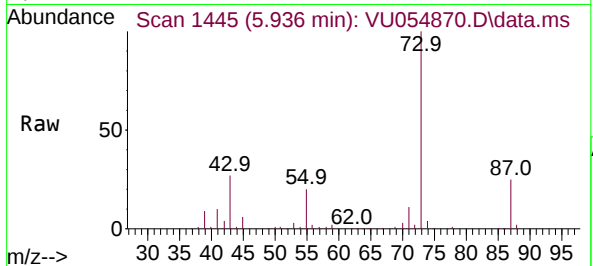




#33
Tert-Amyl methyl ether
Concen: 9.759 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

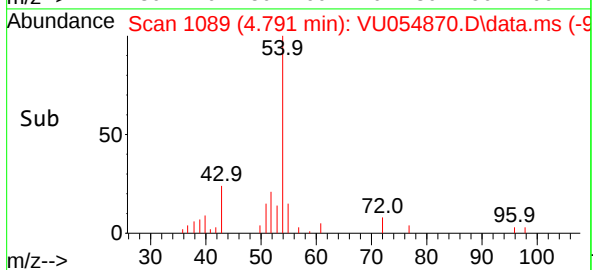
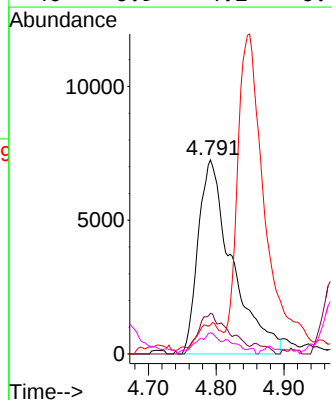
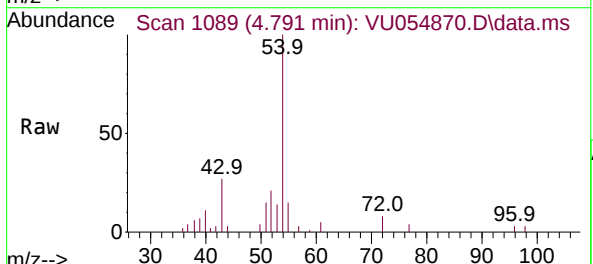
Instrument :
MSVOA_U
ClientSampleId :

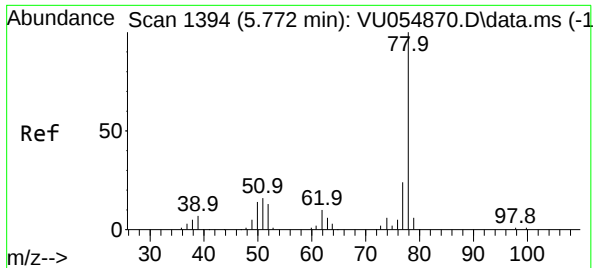
Tgt Ion: 73 Resp: 165166
Ion Ratio Lower Upper
73 100
87 24.5 19.6 29.4
71 11.3 9.1 13.7



#34
Propionitrile
Concen: 57.050 ug/l
RT: 4.791 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion: 54 Resp: 25177
Ion Ratio Lower Upper
54 100
52 16.1 13.8 20.8
55 7.9 4.8 7.2#
40 6.9 4.2 6.4#

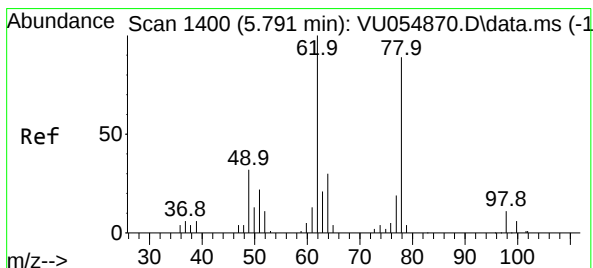
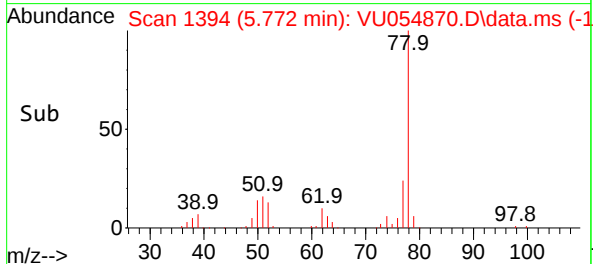
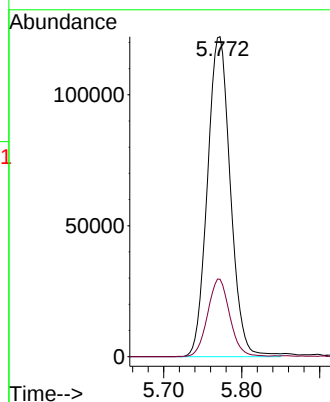
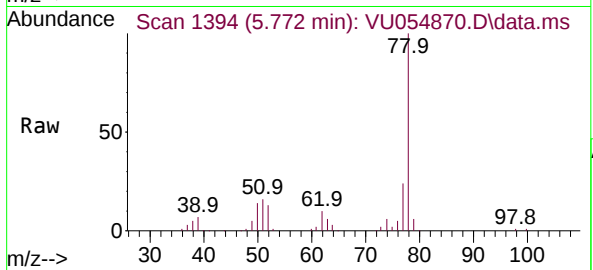




#35
Benzene
Concen: 9.908 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

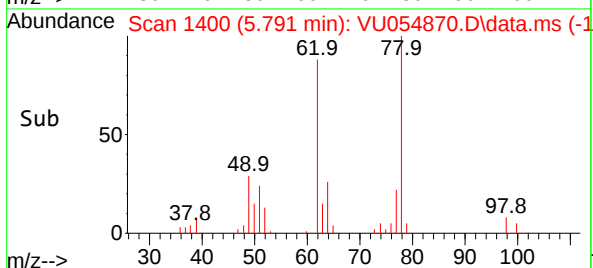
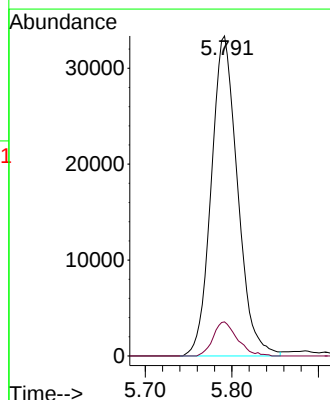
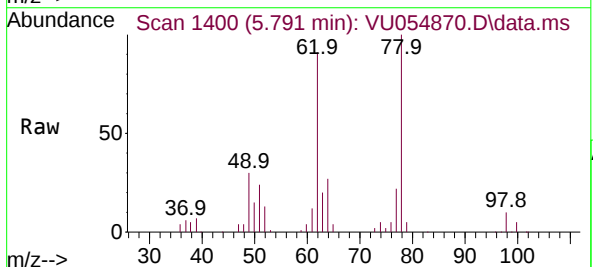
Instrument :
MSVOA_U
ClientSampleId :

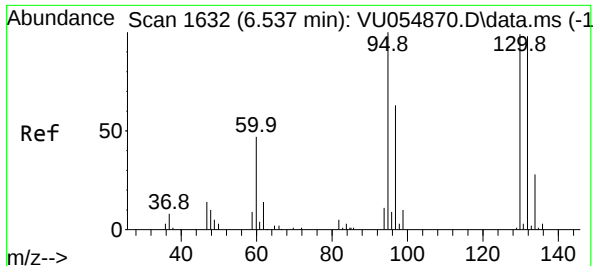
Tgt Ion: 78 Resp: 250049
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2



#36
1,2-Dichloroethane
Concen: 9.814 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion: 62 Resp: 70462
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#37

Trichloroethene

Concen: 9.855 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

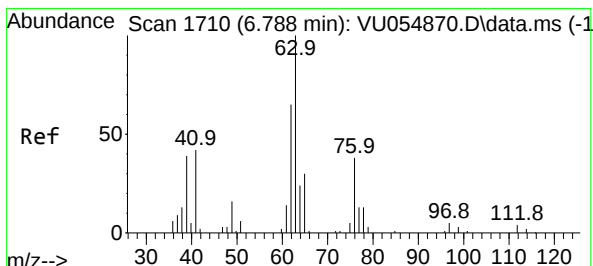
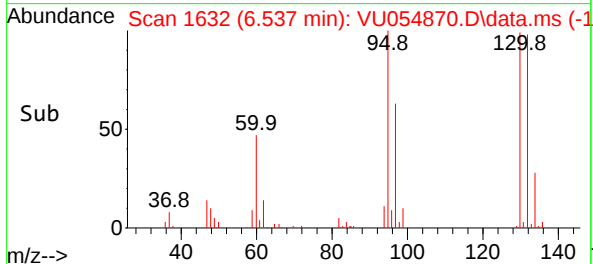
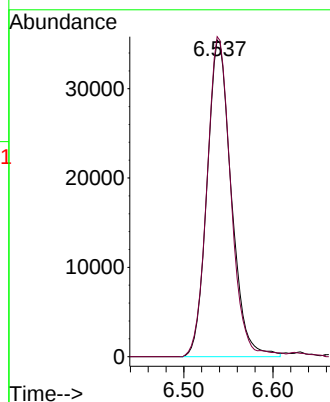
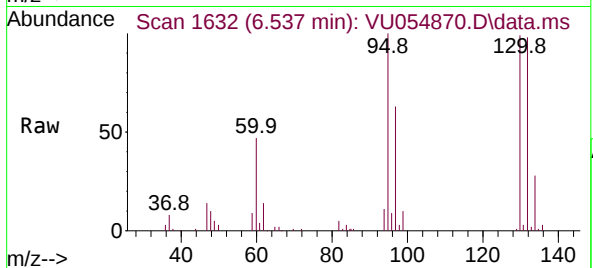
ClientSampleId :

Tgt Ion:130 Resp: 66891

Ion Ratio Lower Upper

130 100

95 101.0 76.8 115.2



#38

1,2-Dichloropropane

Concen: 10.147 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.000 min

Lab File: VU054870.D

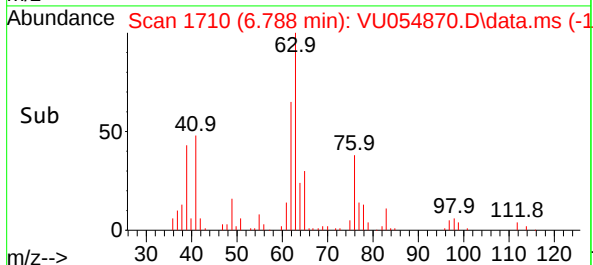
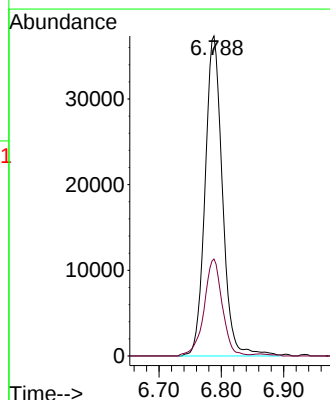
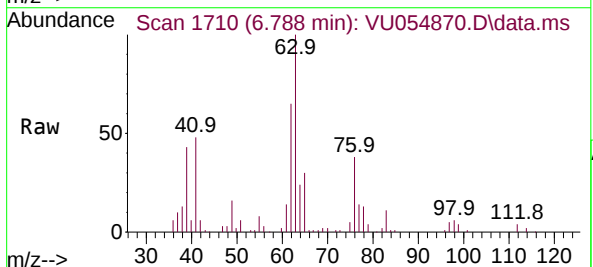
Acq: 25 Jul 2023 13:22

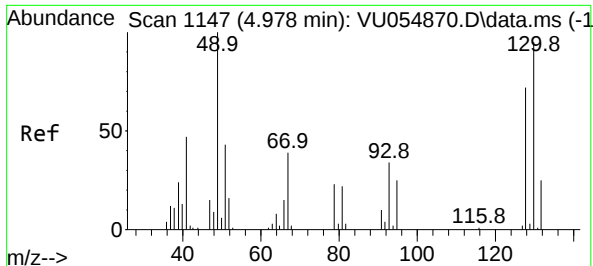
Tgt Ion: 63 Resp: 72392

Ion Ratio Lower Upper

63 100

65 30.0 24.3 36.5





#39

Methacrylonitrile

Concen: 10.368 ug/l

RT: 4.978 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 18343

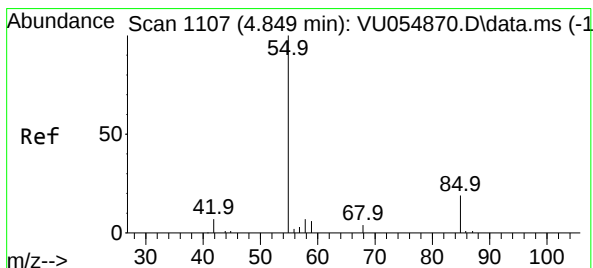
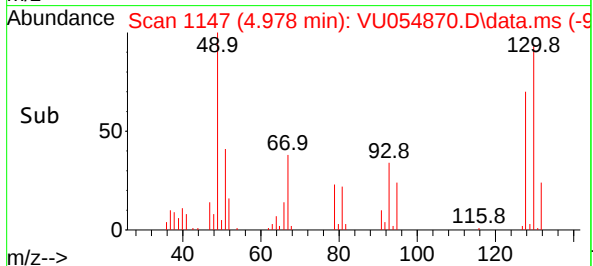
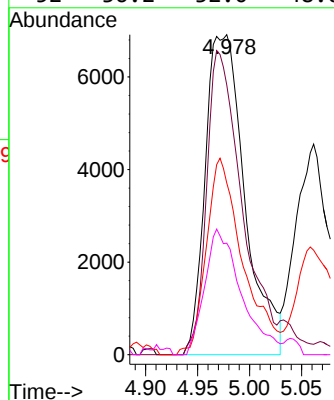
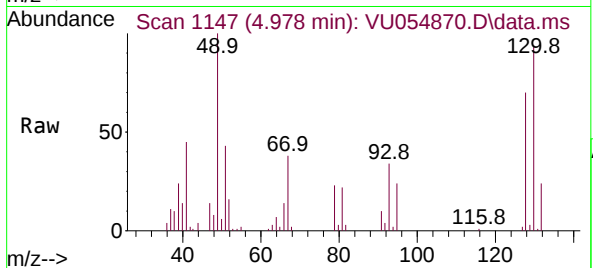
Ion Ratio Lower Upper

41 100

67 84.9 77.0 115.4

39 56.5 50.4 75.6

52 36.2 32.0 48.0



#40

Methyl acrylate

Concen: 11.005 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Tgt Ion: 55 Resp: 30960

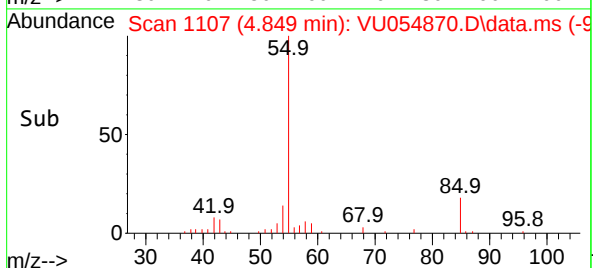
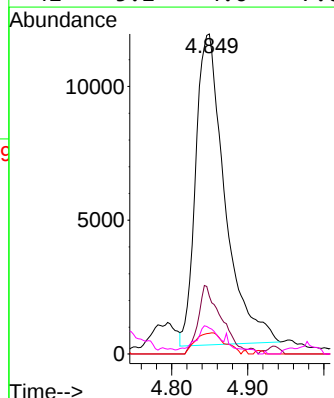
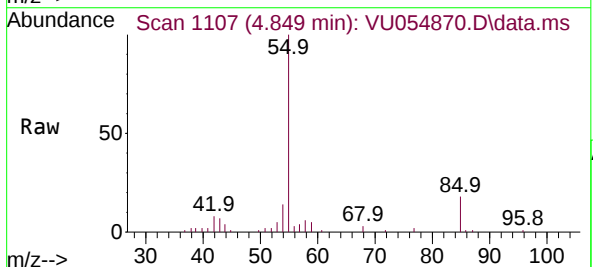
Ion Ratio Lower Upper

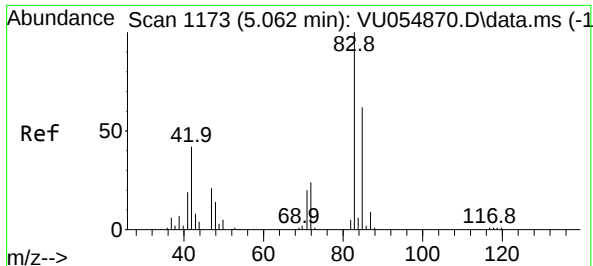
55 100

85 17.2 13.0 19.6

58 6.8 5.7 8.5

42 5.2 4.6 7.0





#41

Tetrahydrofuran

Concen: 18.452 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

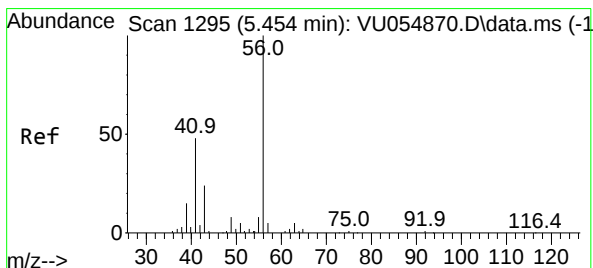
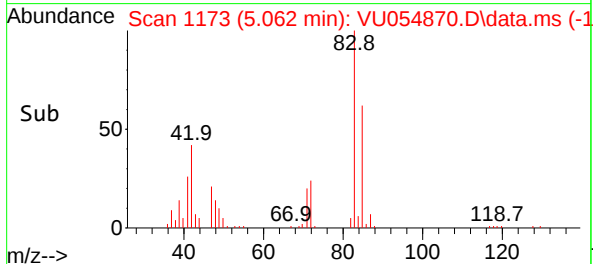
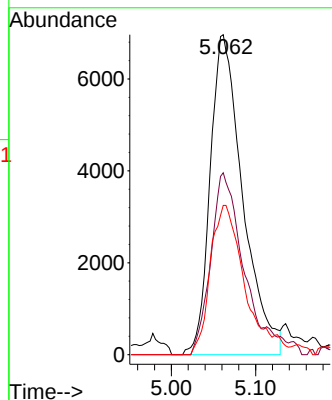
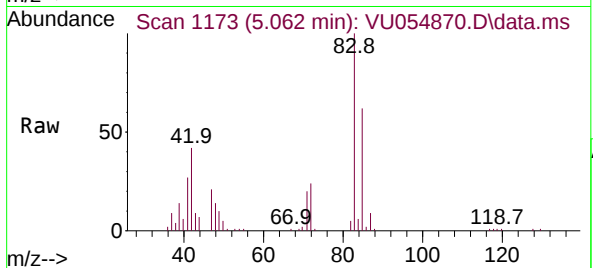
Tgt Ion: 42 Resp: 18667

Ion Ratio Lower Upper

42 100

72 54.0 42.1 63.1

71 49.5 39.7 59.5



#42

1-Chlorobutane

Concen: 9.415 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VU054870.D

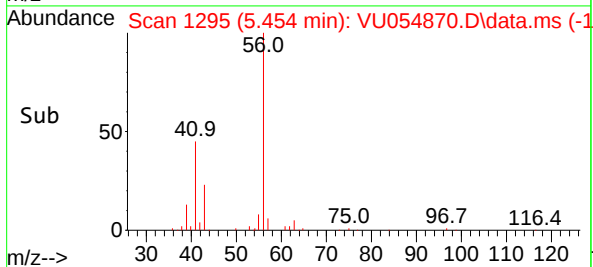
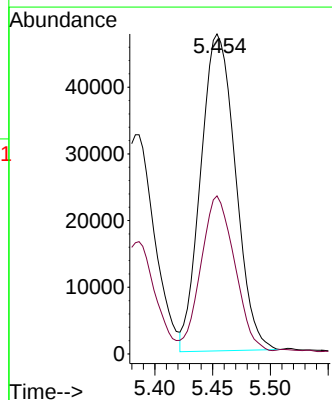
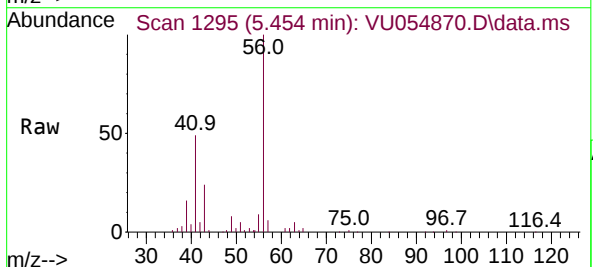
Acq: 25 Jul 2023 13:22

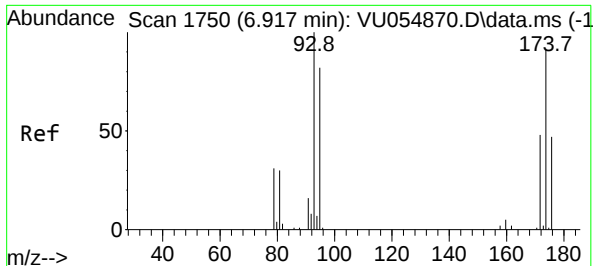
Tgt Ion: 56 Resp: 99353

Ion Ratio Lower Upper

56 100

41 47.7 23.9 71.7

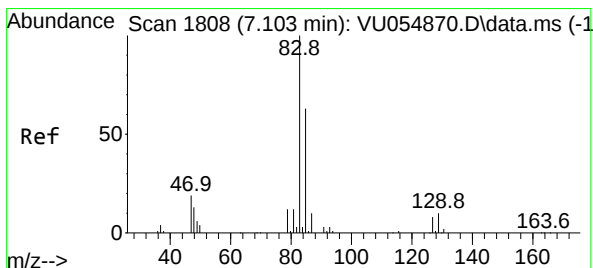
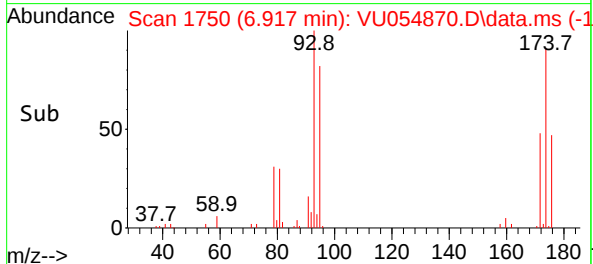
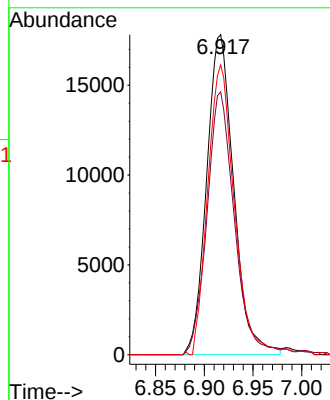
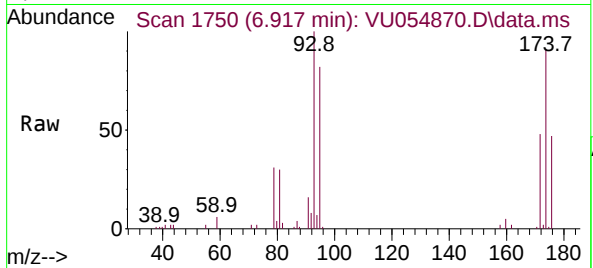




#43
Dibromomethane
Concen: 10.287 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

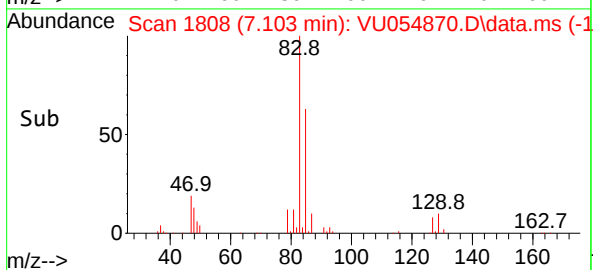
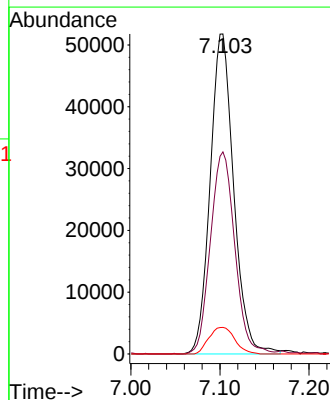
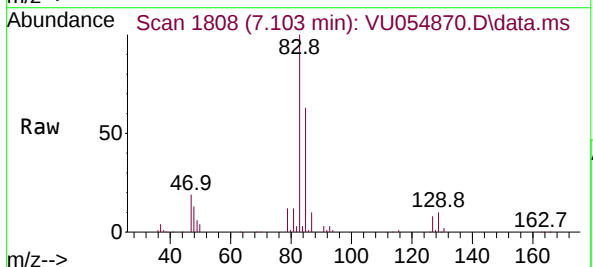
Instrument :
MSVOA_U
ClientSampleId :

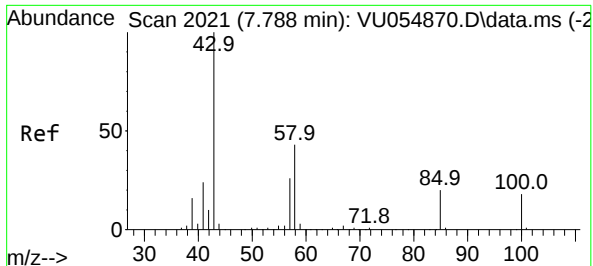
Tgt Ion: 93 Resp: 34472
Ion Ratio Lower Upper
93 100
95 82.6 64.7 97.1
174 88.8 74.4 111.6



#44
Bromodichloromethane
Concen: 10.180 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion: 83 Resp: 95040
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.2
127 8.3 6.1 9.1





#45

4-Methyl-2-Pentanone

Concen: 50.816 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

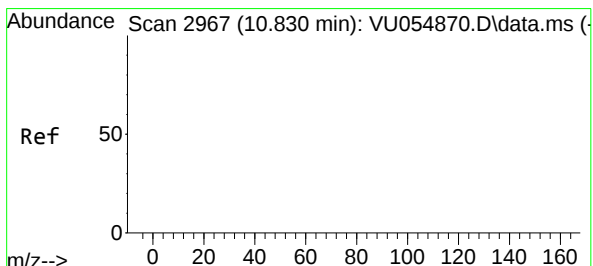
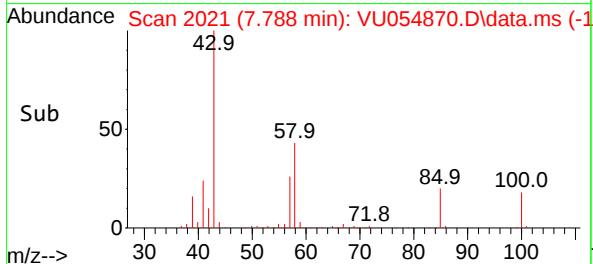
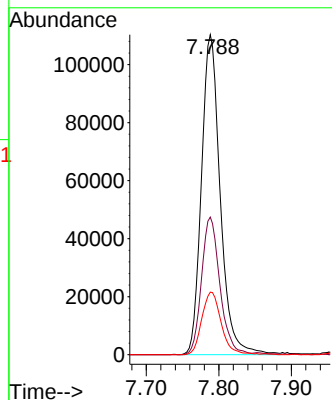
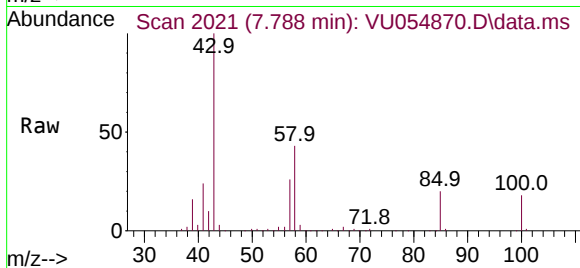
Tgt Ion: 43 Resp: 198687

Ion Ratio Lower Upper

43 100

58 42.1 21.3 63.7

85 20.2 15.3 22.9



#46

t-1,4-Dichloro-2-butene

Concen: 52.269 ug/l

RT: 10.823 min Scan# 2965

Delta R.T. -0.006 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Tgt Ion: 75 Resp: 82231

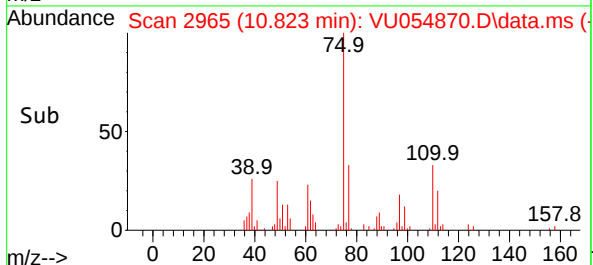
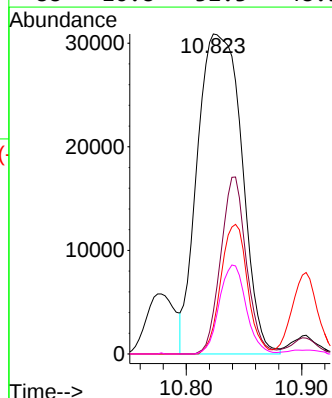
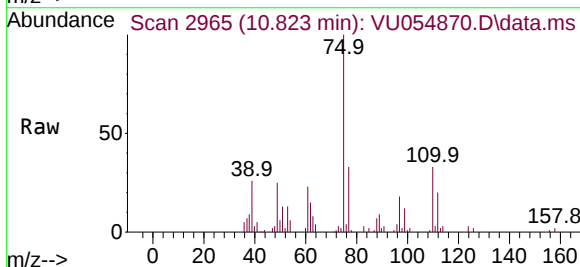
Ion Ratio Lower Upper

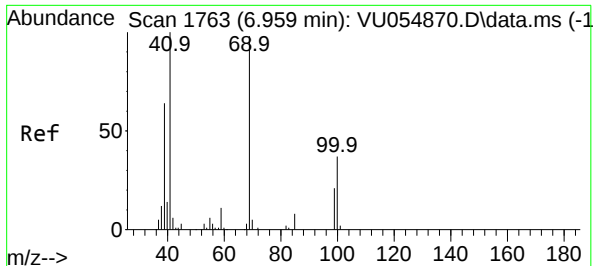
75 100

53 32.2 62.9 94.3#

89 24.5 47.8 71.8#

88 16.8 32.3 48.5#





#47

Methyl methacrylate

Concen: 21.143 ug/l

RT: 6.959 min Scan# 1763

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 64773

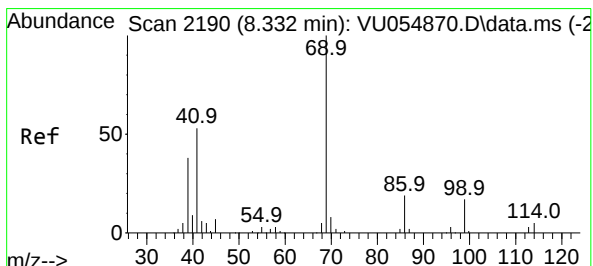
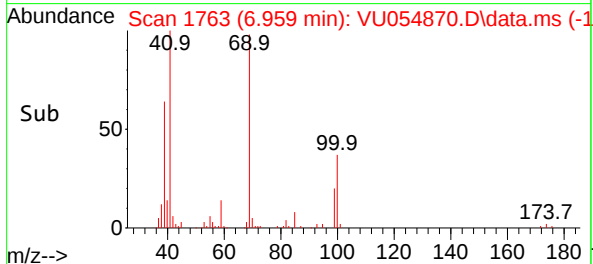
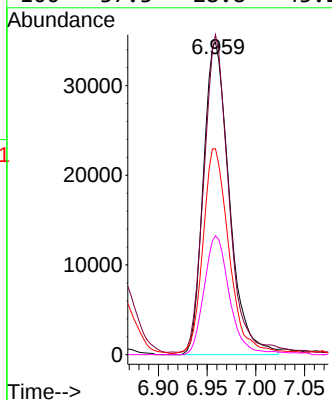
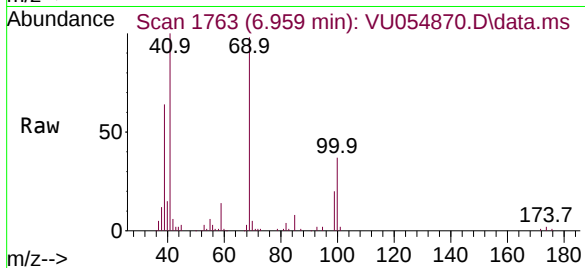
Ion Ratio Lower Upper

69 100

41 97.0 0.0 193.0

39 65.4 50.4 75.6

100 37.3 28.8 43.2



#48

Ethyl methacrylate

Concen: 10.638 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU054870.D

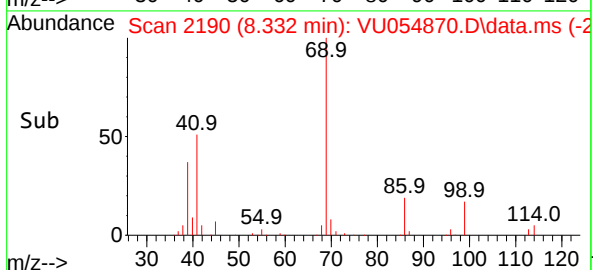
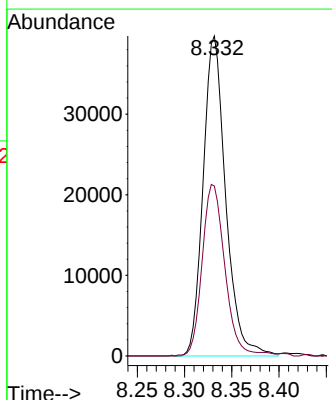
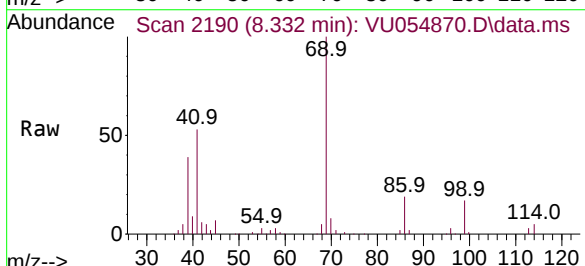
Acq: 25 Jul 2023 13:22

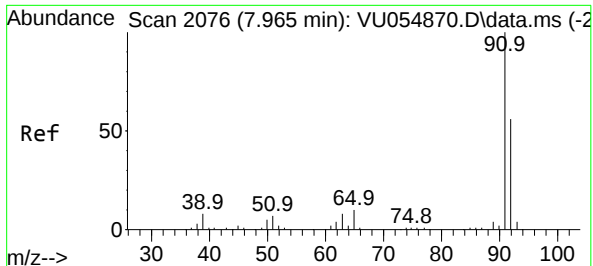
Tgt Ion: 69 Resp: 65916

Ion Ratio Lower Upper

69 100

41 54.1 28.8 86.5





#49

Toluene

Concen: 9.904 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

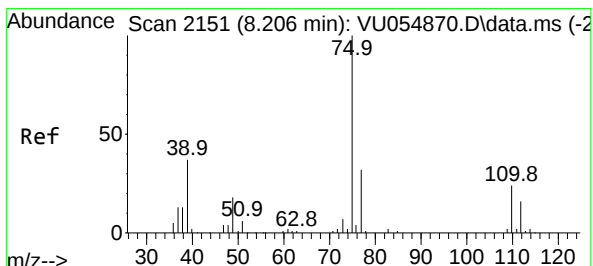
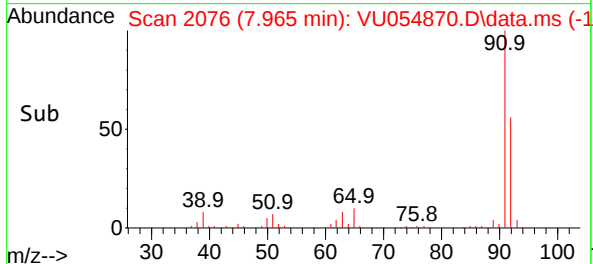
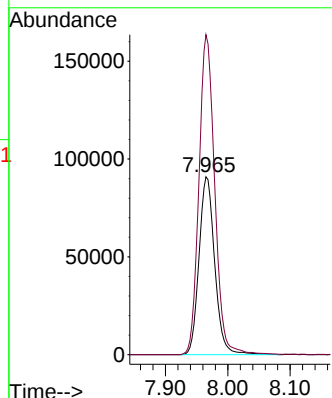
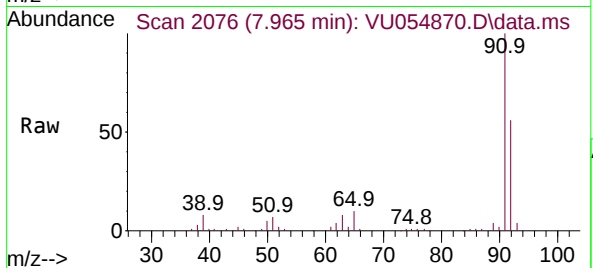
ClientSampleId :

Tgt Ion: 92 Resp: 159218

Ion Ratio Lower Upper

92 100

91 181.2 142.9 214.3



#50

t-1,3-Dichloropropene

Concen: 10.227 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054870.D

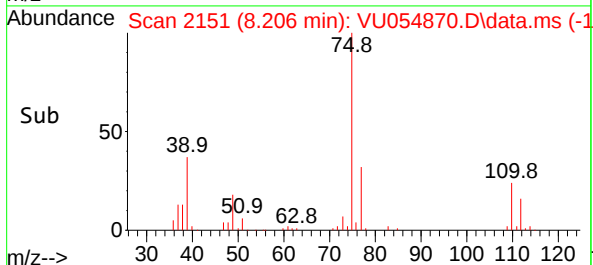
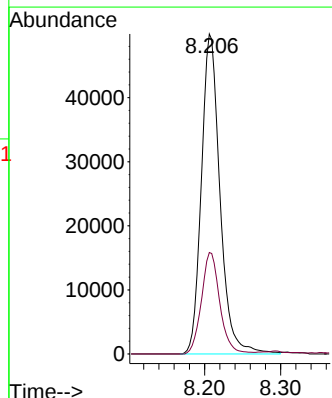
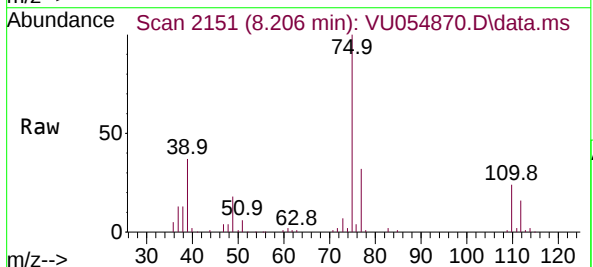
Acq: 25 Jul 2023 13:22

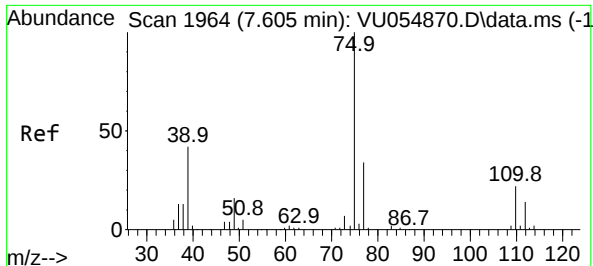
Tgt Ion: 75 Resp: 84773

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

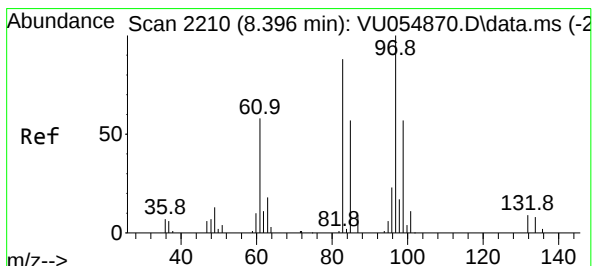
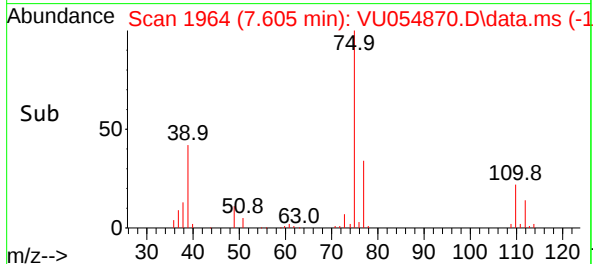
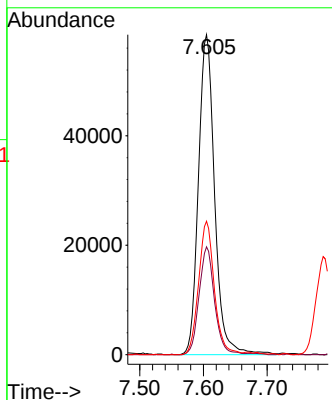
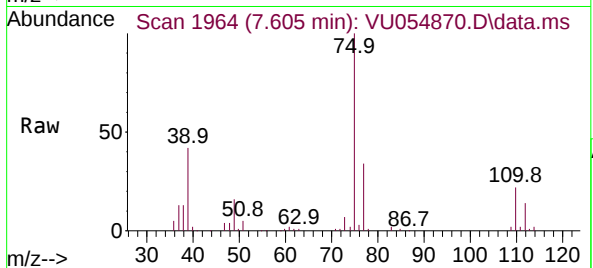




#51
 cis-1,3-Dichloropropene
 Concen: 10.160 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

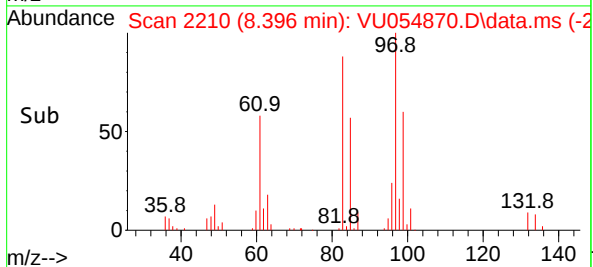
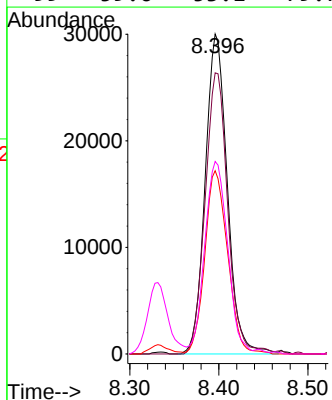
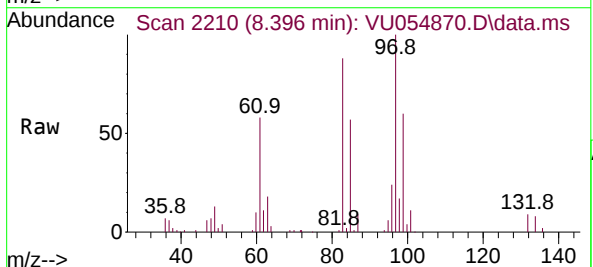
Instrument :
 MSVOA_U
 ClientSampleId :

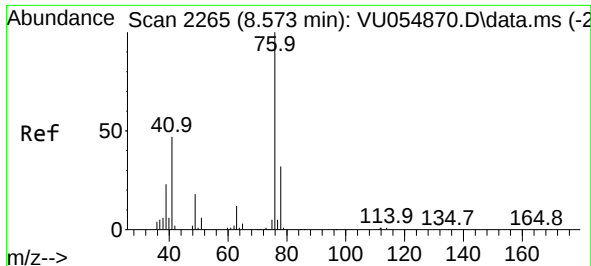
Tgt Ion: 75 Resp: 103512
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.8 38.8
 39 41.7 31.7 47.5



#52
 1,1,2-Trichloroethane
 Concen: 9.720 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

Tgt Ion: 97 Resp: 51636
 Ion Ratio Lower Upper
 97 100
 83 87.8 77.4 116.2
 85 57.2 47.8 71.8
 99 59.6 53.1 79.7





#53

1,3-Dichloropropane

Concen: 9.972 ug/l

RT: 8.573 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

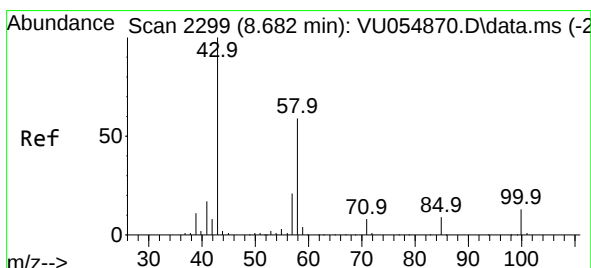
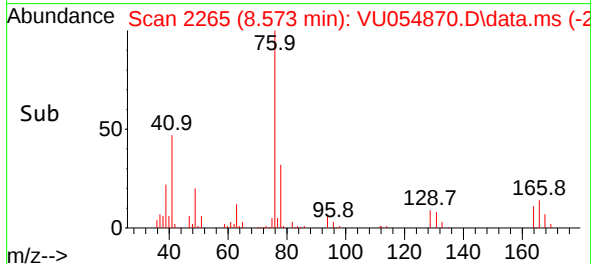
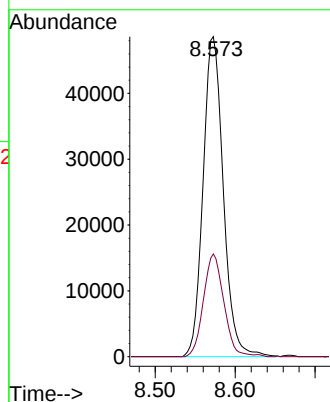
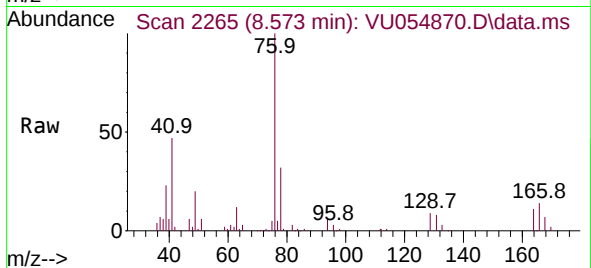
ClientSampleId :

Tgt Ion: 76 Resp: 85697

Ion Ratio Lower Upper

76 100

78 32.3 24.6 36.8



#54

2-Hexanone

Concen: 53.107 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

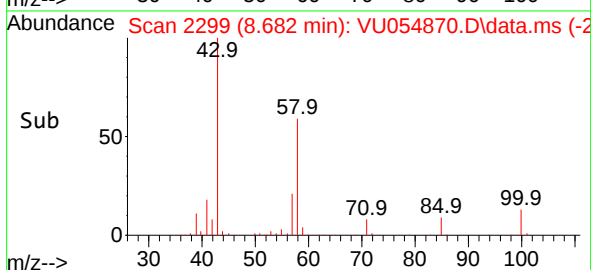
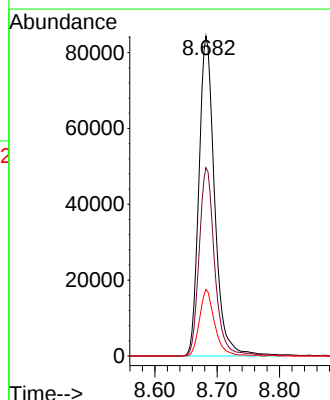
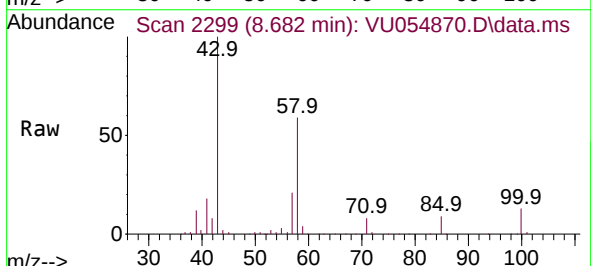
Tgt Ion: 43 Resp: 147550

Ion Ratio Lower Upper

43 100

58 58.4 38.9 78.9

57 19.9 0.0 38.7

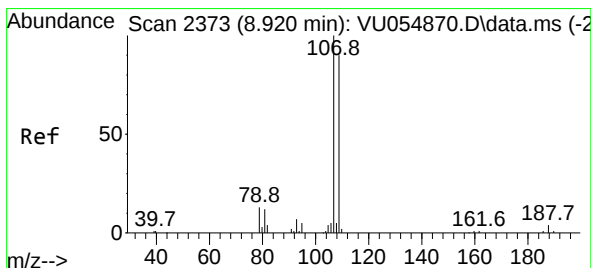
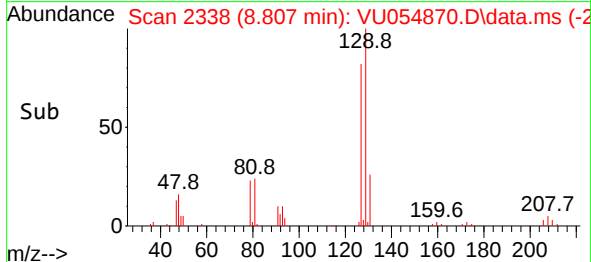
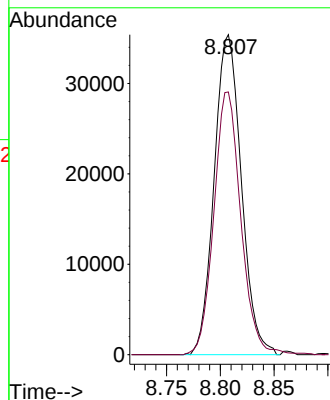
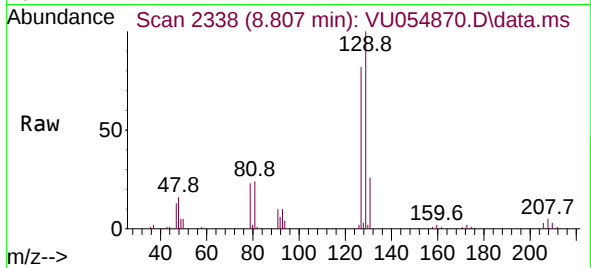




#55
Dibromochloromethane
Concen: 10.219 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

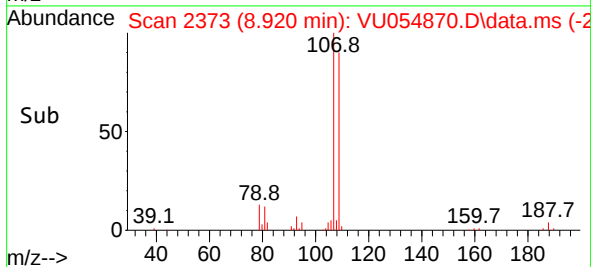
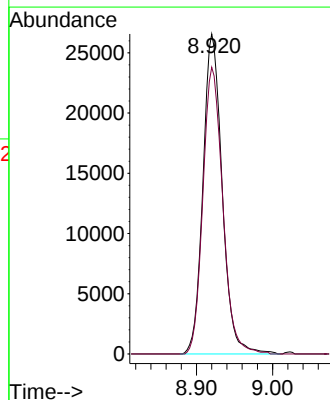
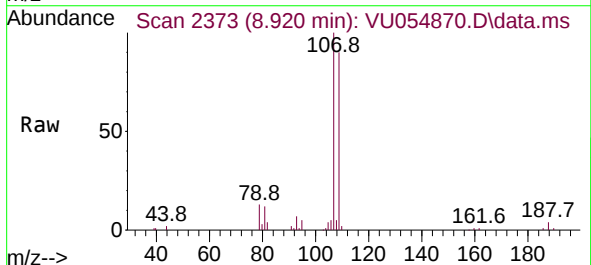
Instrument :
MSVOA_U
ClientSampleId :

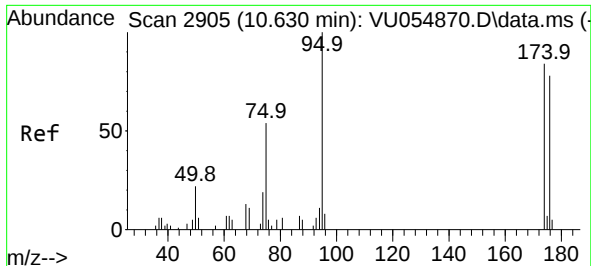
Tgt Ion:129 Resp: 62197
Ion Ratio Lower Upper
129 100
127 81.7 61.4 92.0



#56
1,2-Dibromoethane
Concen: 10.353 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion:107 Resp: 46610
Ion Ratio Lower Upper
107 100
109 92.5 0.0 185.4

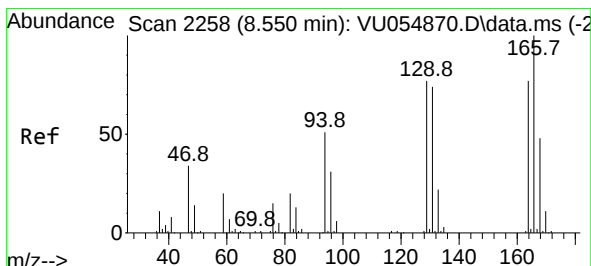
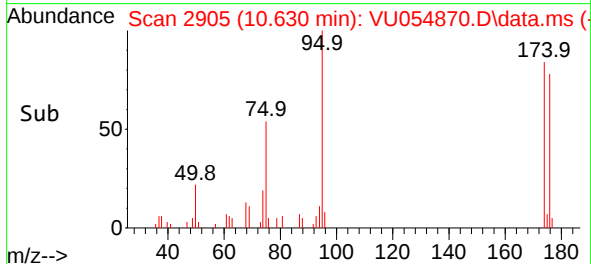
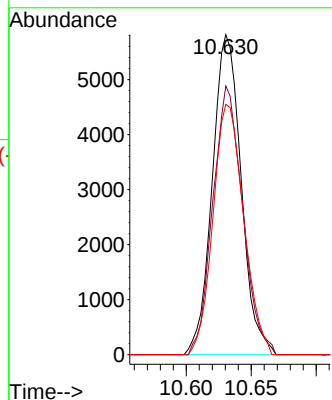
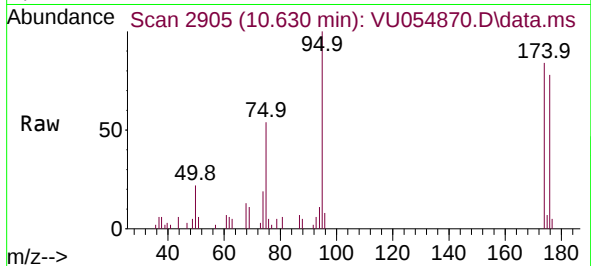




#57
4-Bromofluorobenzene
Concen: 1.055 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

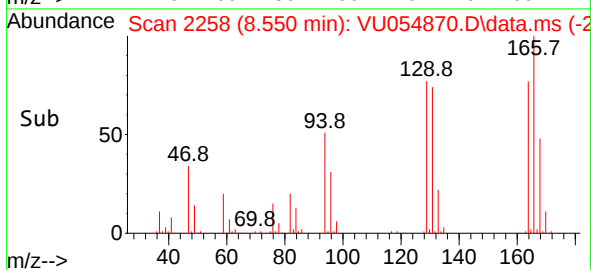
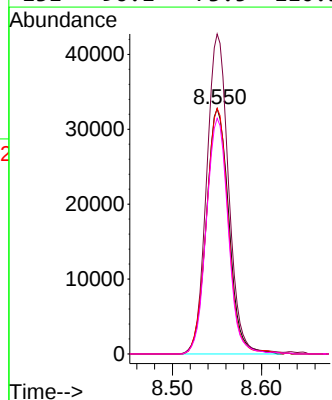
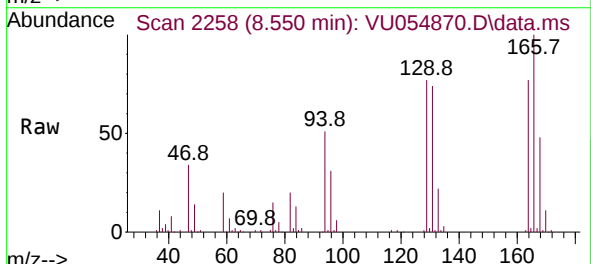
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 8966
Ion Ratio Lower Upper
95 100
174 86.6 79.3 118.9
176 83.3 71.5 107.3



#58
Tetrachloroethene
Concen: 9.714 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion: 164 Resp: 57553
Ion Ratio Lower Upper
164 100
166 130.5 100.4 150.6
129 100.1 71.9 107.9
131 96.1 73.5 110.3





#59

Chlorobenzene

Concen: 9.831 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

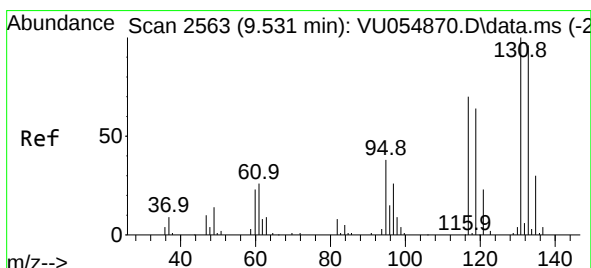
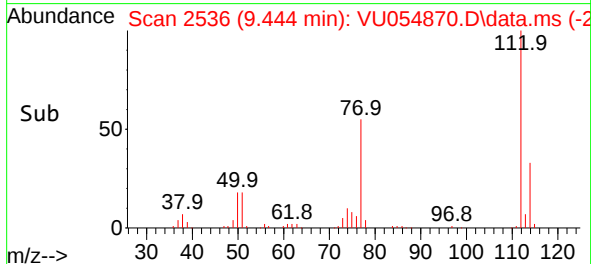
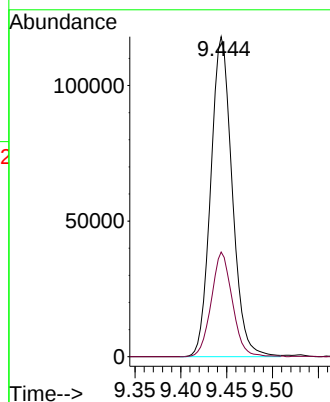
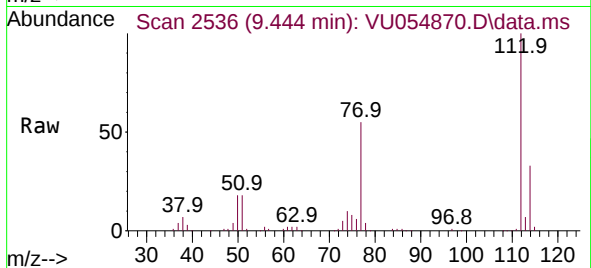
ClientSampleId :

Tgt Ion:112 Resp: 191805

Ion Ratio Lower Upper

112 100

114 32.7 25.0 37.6



#60

1,1,1,2-Tetrachloroethane

Concen: 9.994 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

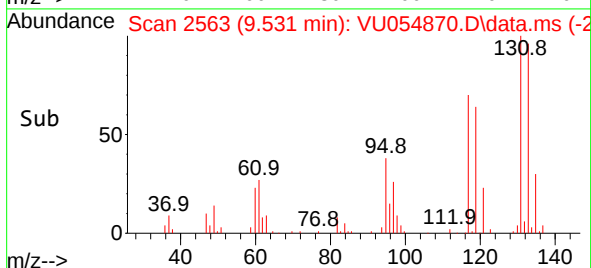
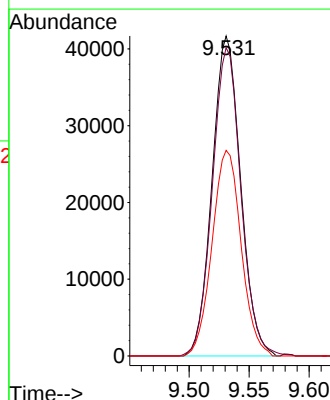
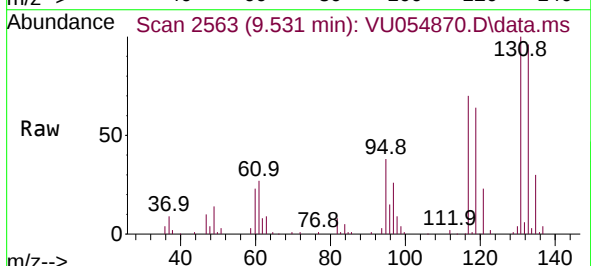
Tgt Ion:131 Resp: 68837

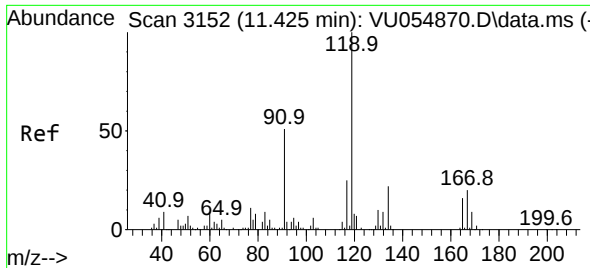
Ion Ratio Lower Upper

131 100

133 96.9 74.2 111.4

119 65.5 51.0 76.4

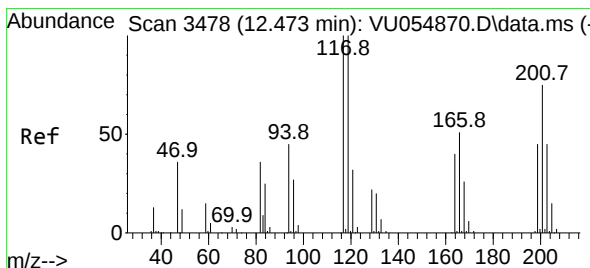
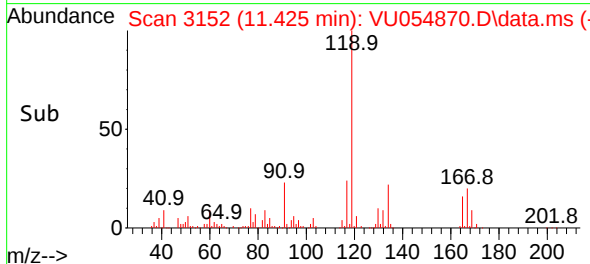
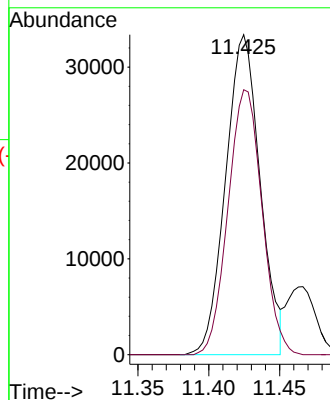
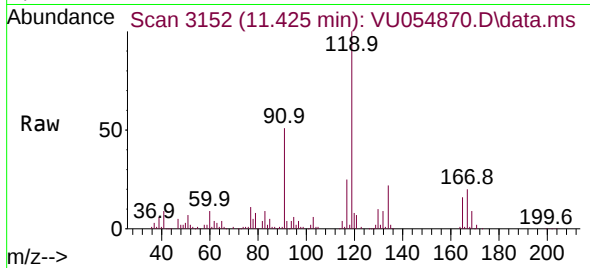




#61
Pentachloroethane
Concen: 10.519 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

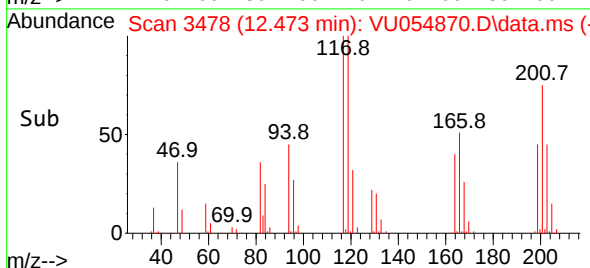
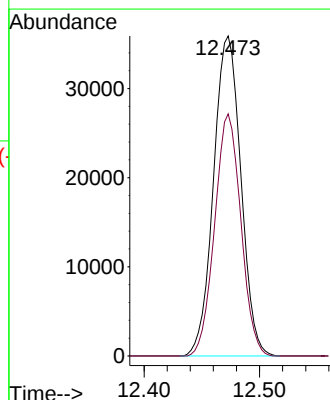
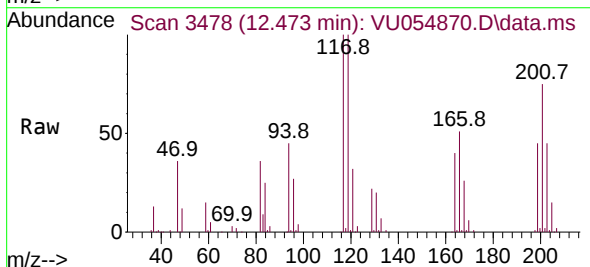
Instrument :
MSVOA_U
ClientSampleId :

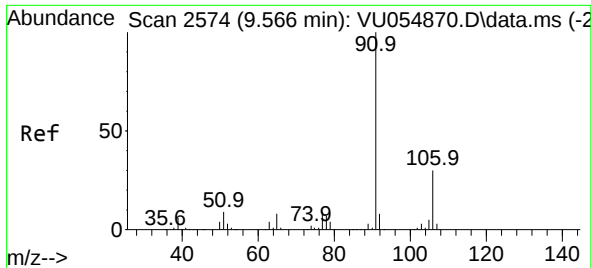
Tgt Ion:117 Resp: 56605
Ion Ratio Lower Upper
117 100
167 81.5 65.3 97.9



#62
Hexachloroethane
Concen: 10.683 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion:117 Resp: 59117
Ion Ratio Lower Upper
117 100
201 72.3 56.1 84.1

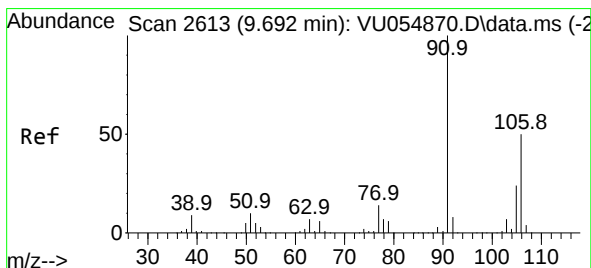
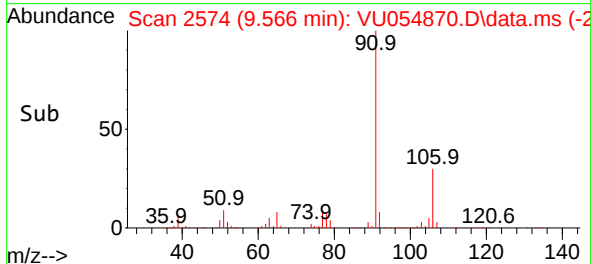
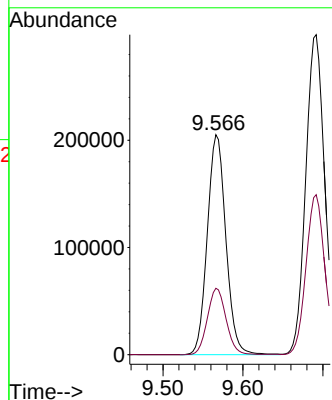
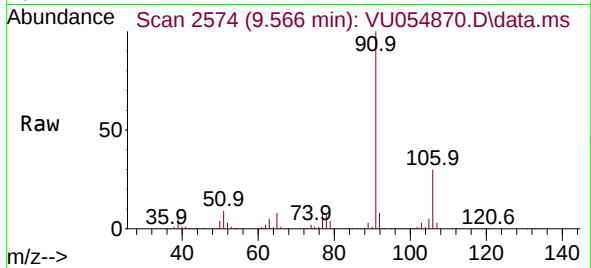




#63
Ethyl Benzene
Concen: 10.127 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

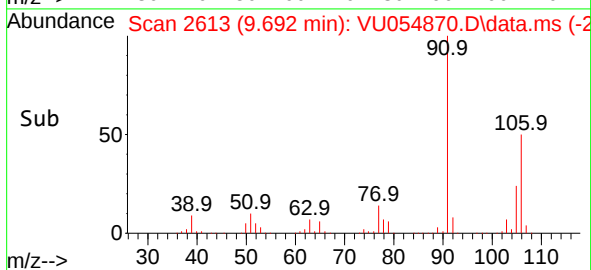
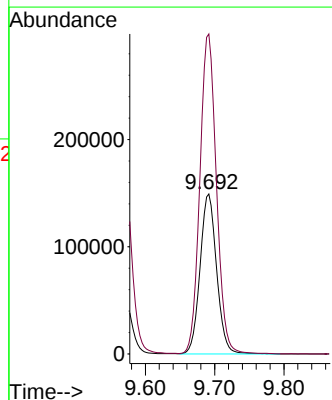
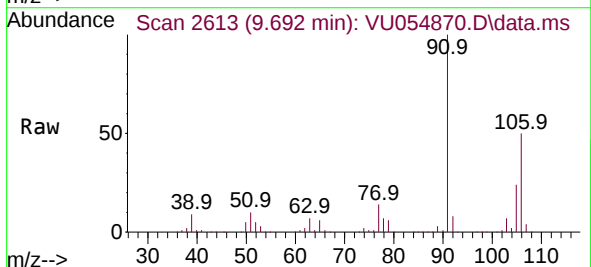
Instrument :
MSVOA_U
ClientSampleId :

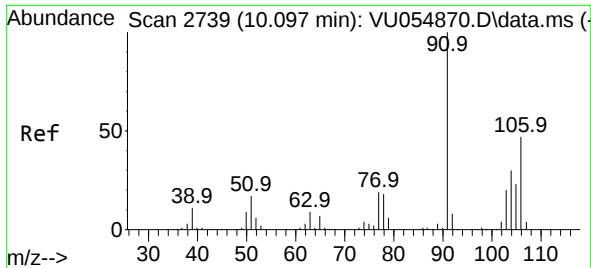
Tgt Ion: 91 Resp: 331517
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#64
m/p-Xylenes
Concen: 20.214 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion:106 Resp: 247584
Ion Ratio Lower Upper
106 100
91 199.1 158.8 238.2

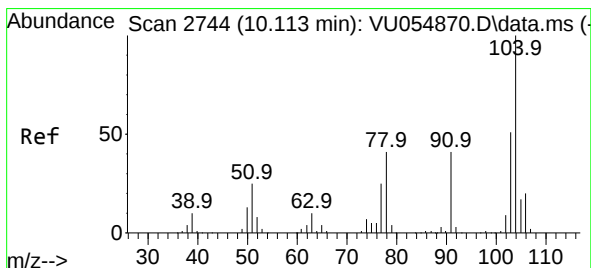
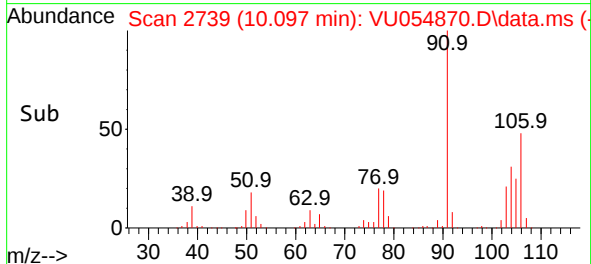
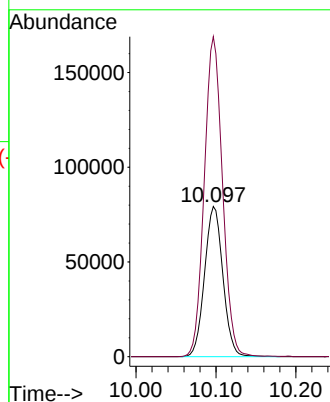
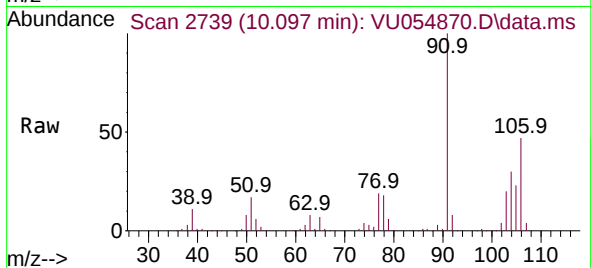




#65
o-Xylene
Concen: 10.071 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

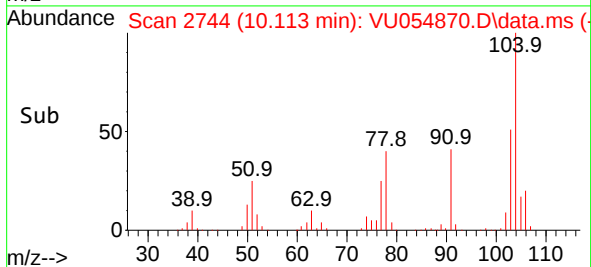
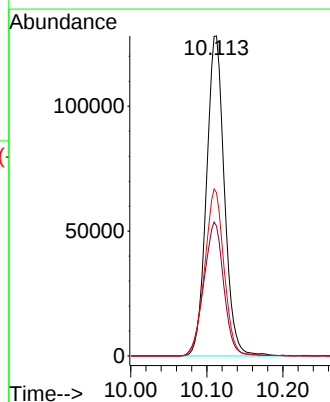
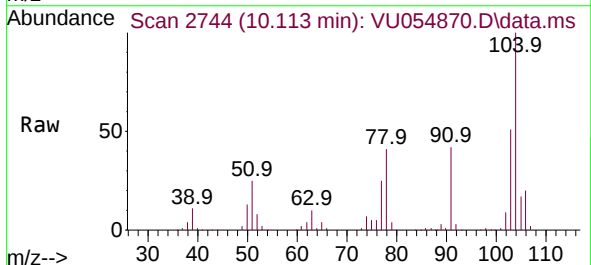
Instrument :
MSVOA_U
ClientSampleId :

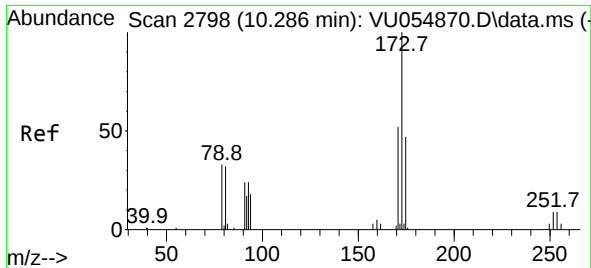
Tgt Ion:106 Resp: 126702
Ion Ratio Lower Upper
106 100
91 211.7 108.9 326.8



#66
Styrene
Concen: 10.450 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

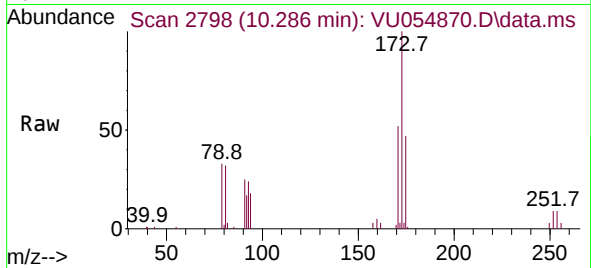
Tgt Ion:104 Resp: 210203
Ion Ratio Lower Upper
104 100
78 46.4 37.5 56.3
103 56.2 45.2 67.8



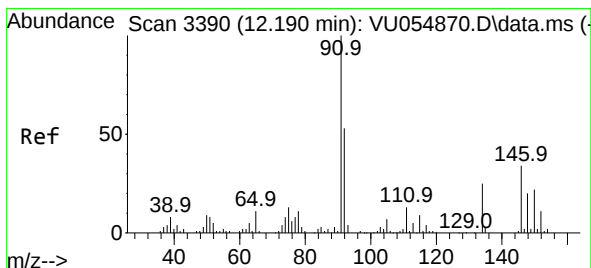
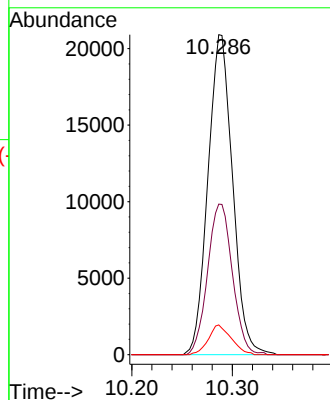
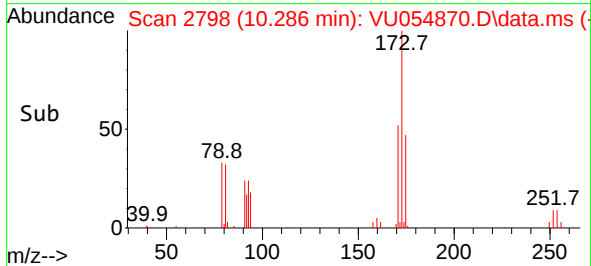


#67
Bromoform
Concen: 11.254 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

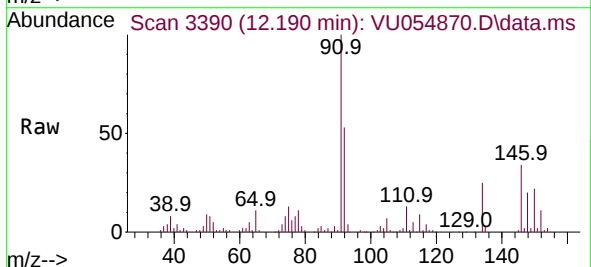
Instrument :
MSVOA_U
ClientSampleId :



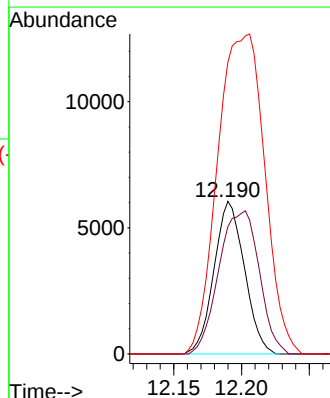
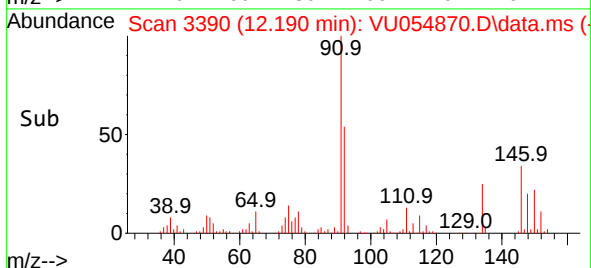
Tgt Ion:173 Resp: 35520
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.6
254 8.6 7.4 11.0

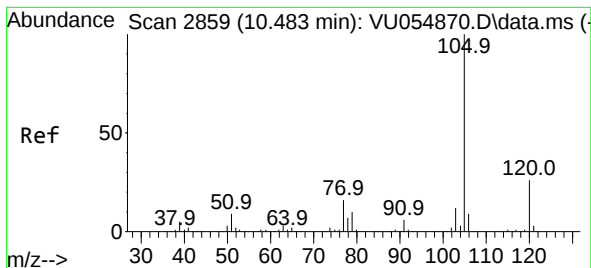


#68
1,2-Dichlorobenzene-d4
Concen: 0.984 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22



Tgt Ion:152 Resp: 9444
Ion Ratio Lower Upper
152 100
115 123.8 0.0 234.8
150 324.0 0.0 598.2





#69

Isopropylbenzene

Concen: 10.150 ug/l

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

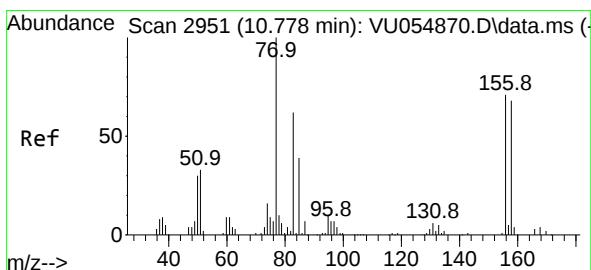
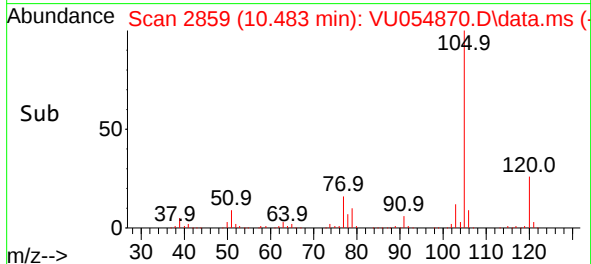
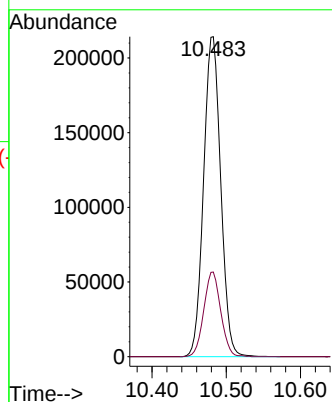
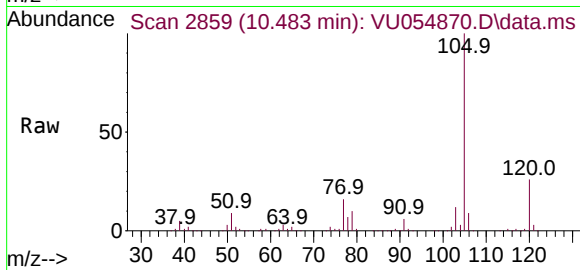
ClientSampleId :

Tgt Ion:105 Resp: 342807

Ion Ratio Lower Upper

105 100

120 26.2 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 10.437 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

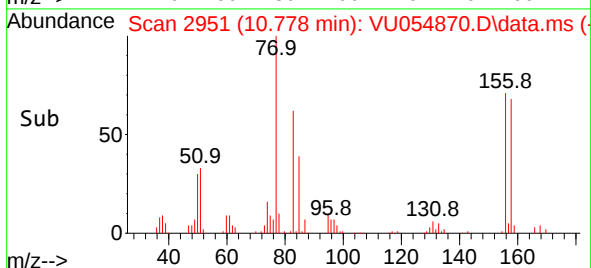
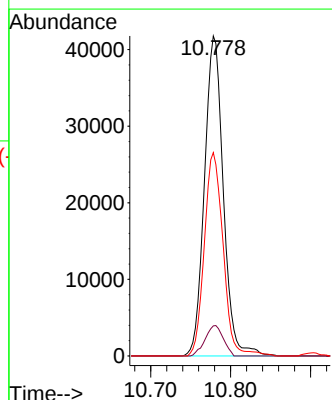
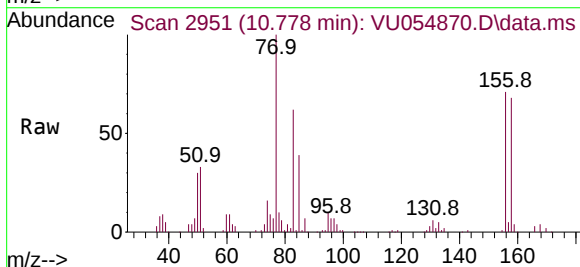
Tgt Ion: 83 Resp: 68629

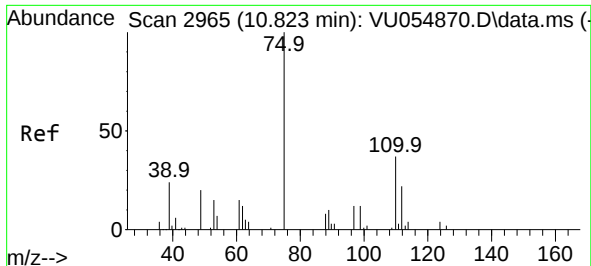
Ion Ratio Lower Upper

83 100

131 9.2 7.5 11.3

85 63.2 53.0 79.6

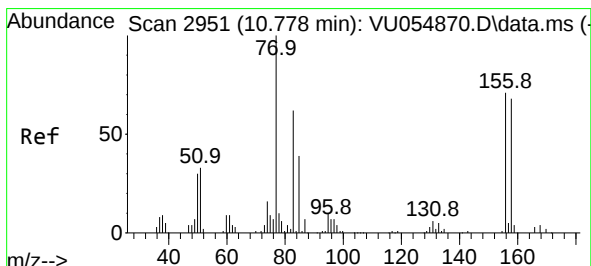
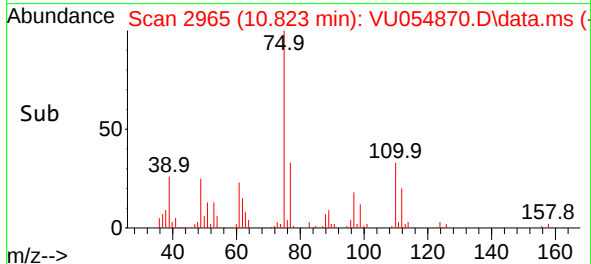
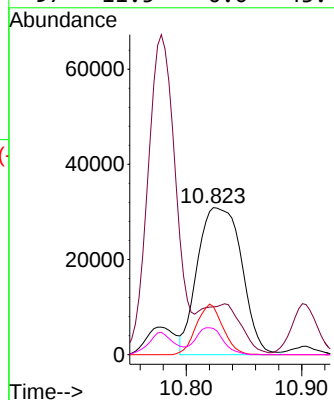
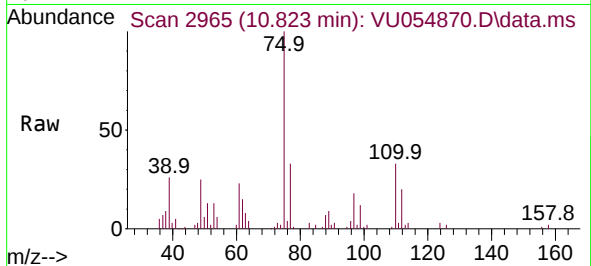




#71
1,2,3-Trichloropropane
Concen: 17.557 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

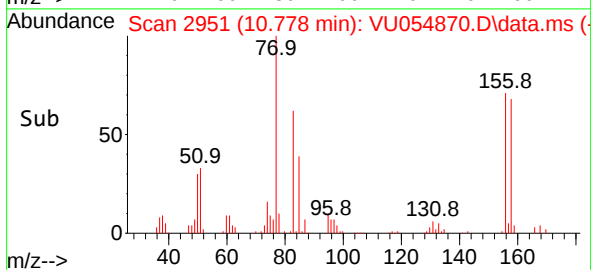
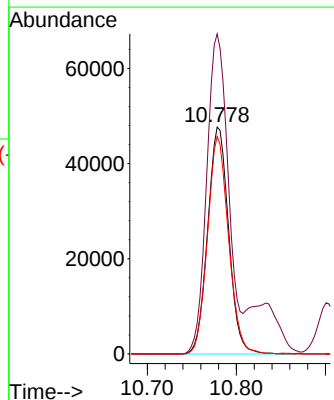
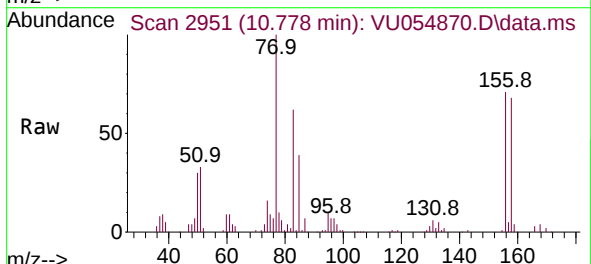
Instrument :
MSVOA_U
ClientSampleId :

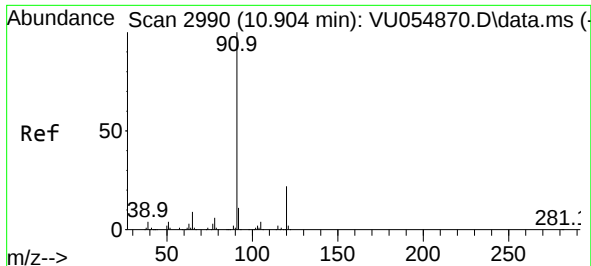
Tgt Ion:	75	Resp:	82231
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	20.7	0.0	80.8
97	11.5	0.0	43.4



#72
Bromobenzene
Concen: 10.386 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion:	156	Resp:	78098
Ion Ratio	Lower	Upper	
156	100		
77	145.2	0.0	293.2
158	95.9	0.0	189.8

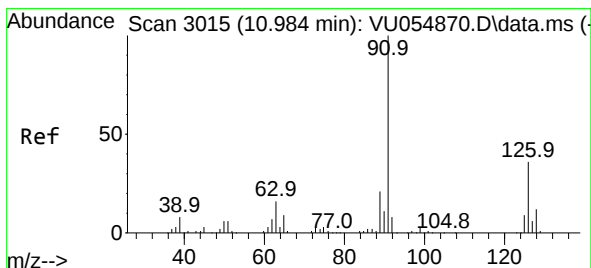
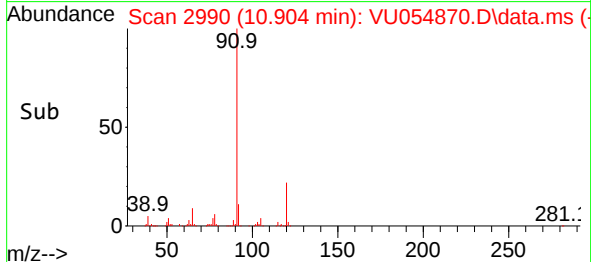
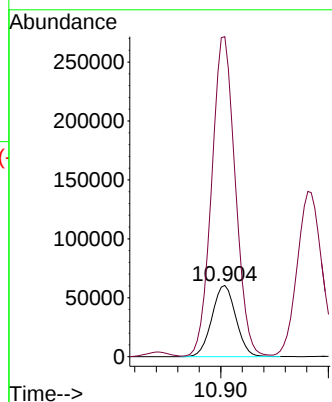
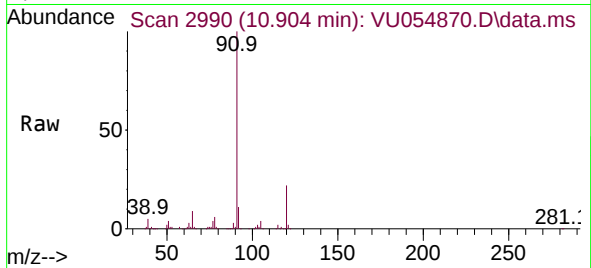




#73
n-propylbenzene
Concen: 10.344 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

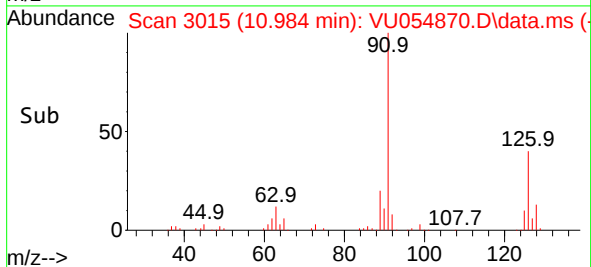
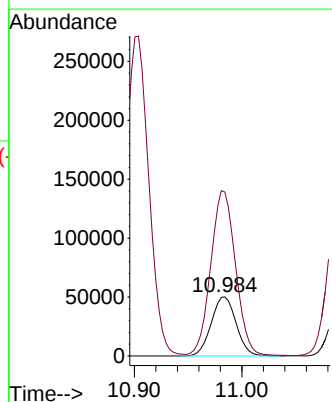
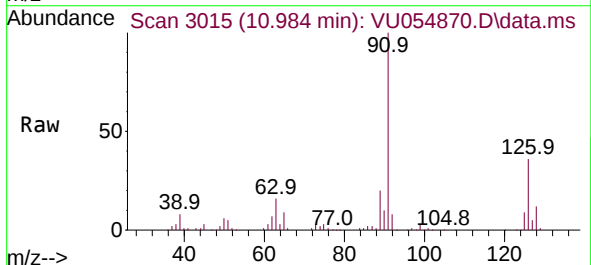
Instrument :
MSVOA_U
ClientSampleId :

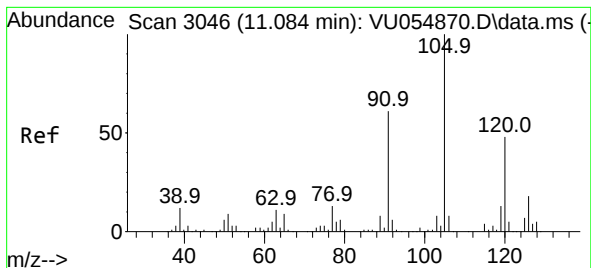
Tgt Ion:120 Resp: 93497
Ion Ratio Lower Upper
120 100
91 442.1 361.8 542.6



#74
2-Chlorotoluene
Concen: 10.305 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion:126 Resp: 80636
Ion Ratio Lower Upper
126 100
91 277.6 0.0 561.4

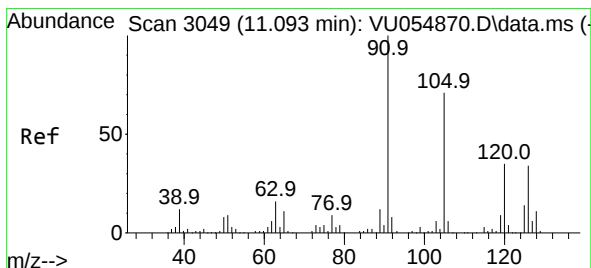
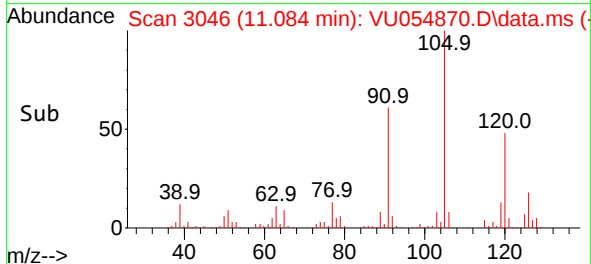
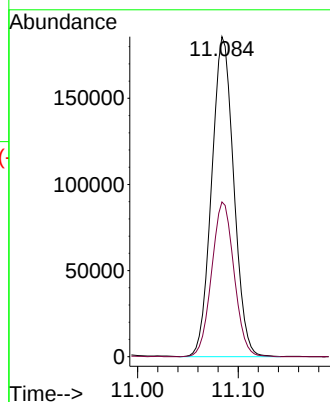
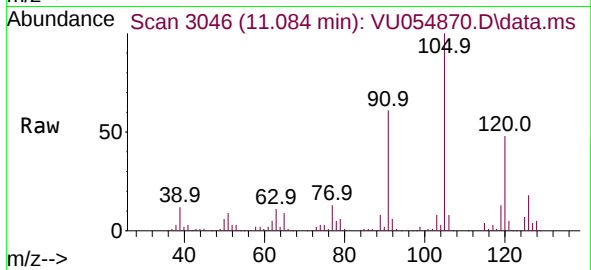




#75
1,3,5-Trimethylbenzene
Concen: 10.373 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

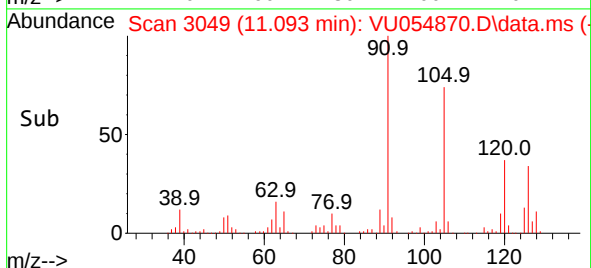
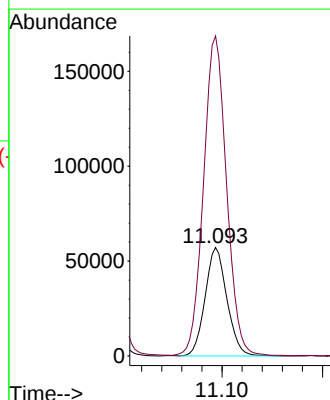
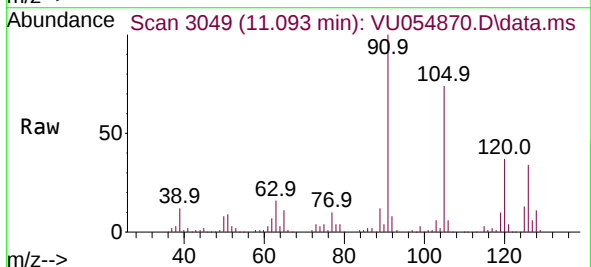
Instrument :
MSVOA_U
ClientSampleId :

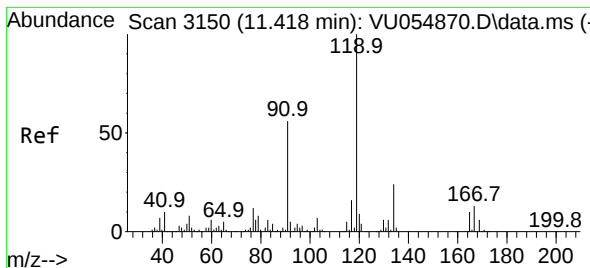
Tgt Ion:105 Resp: 283705
Ion Ratio Lower Upper
105 100
120 49.0 39.0 58.4



#76
4-Chlorotoluene
Concen: 10.576 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion:126 Resp: 85977
Ion Ratio Lower Upper
126 100
91 311.3 0.0 623.4





#77

tert-Butylbenzene

Concen: 10.267 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

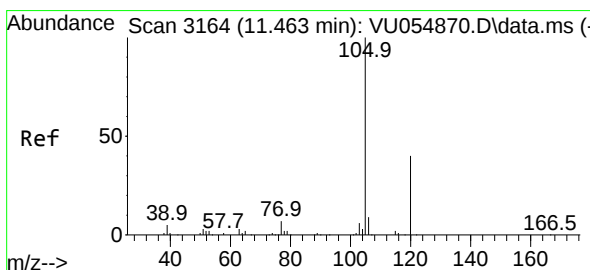
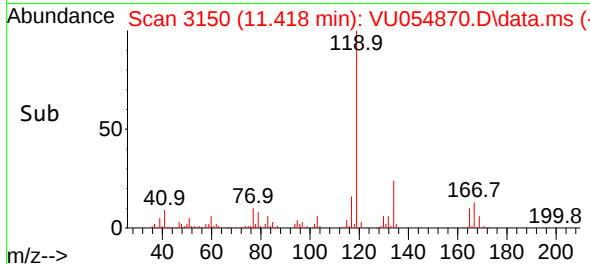
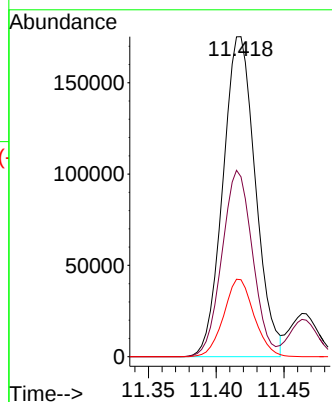
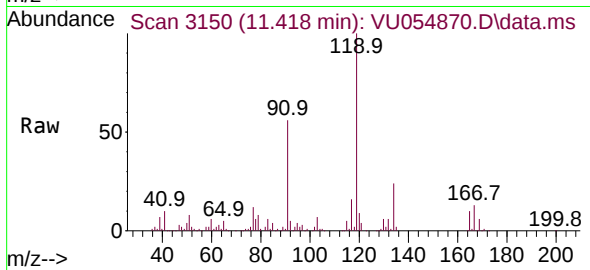
Tgt Ion:119 Resp: 292045

Ion Ratio Lower Upper

119 100

91 54.8 27.7 83.1

134 22.7 18.6 27.8



#78

1,2,4-Trimethylbenzene

Concen: 10.443 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU054870.D

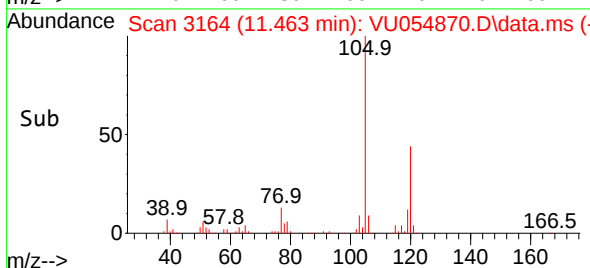
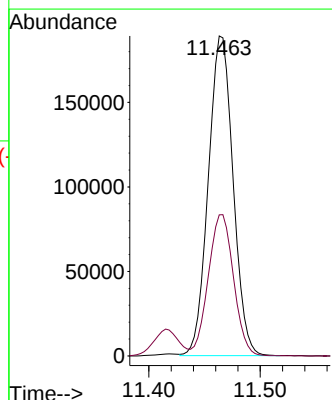
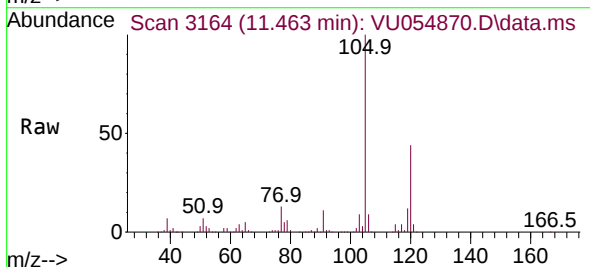
Acq: 25 Jul 2023 13:22

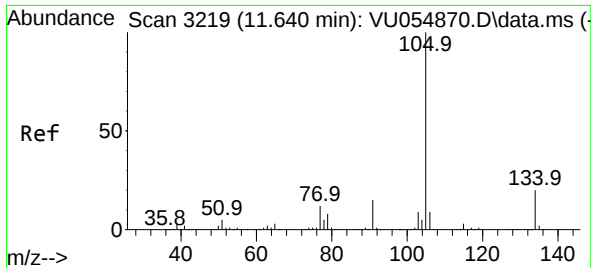
Tgt Ion:105 Resp: 292413

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.3

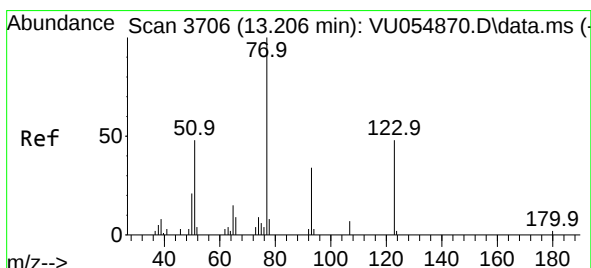
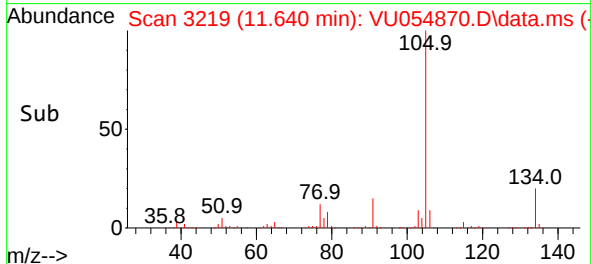
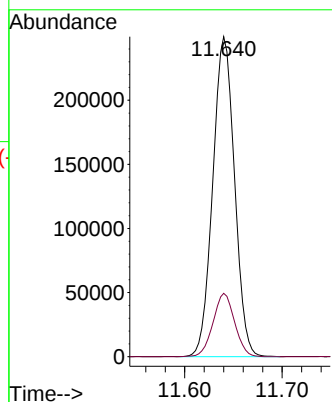
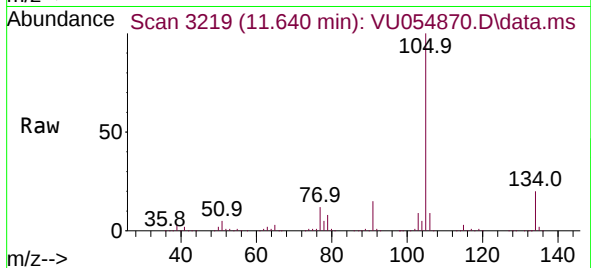




#79
 sec-Butylbenzene
 Concen: 10.462 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

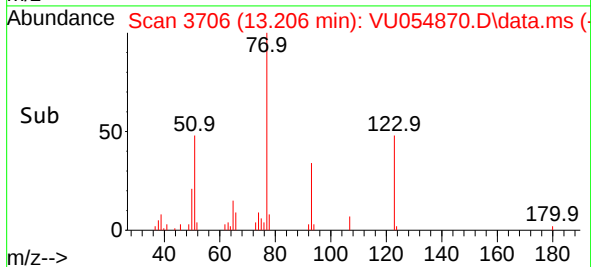
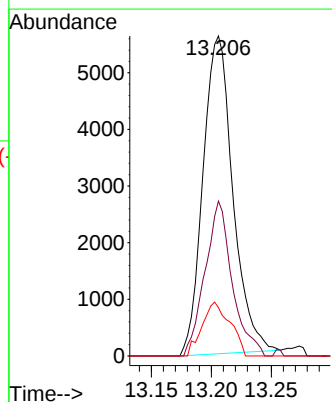
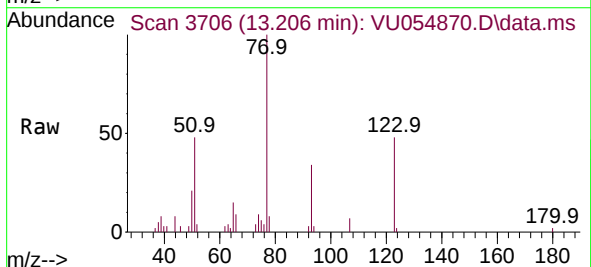
Instrument :
 MSVOA_U
 ClientSampleId :

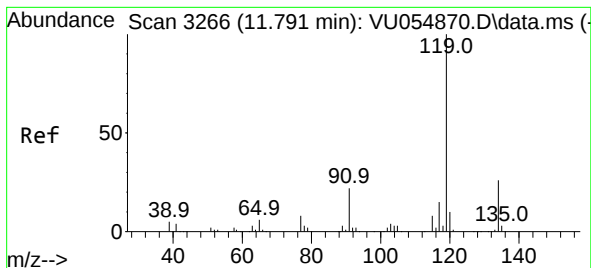
Tgt Ion:105 Resp: 386864
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.7 23.5



#80
 Nitrobenzene
 Concen: 56.309 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

Tgt Ion: 77 Resp: 9728
 Ion Ratio Lower Upper
 77 100
 123 44.2 20.2 71.8
 65 15.8 11.7 14.9#





#81

p-Isopropyltoluene

Concen: 10.813 ug/l

RT: 11.791 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

Instrument :

MSVOA_U

ClientSampleId :

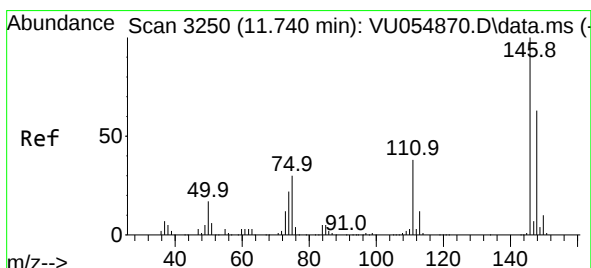
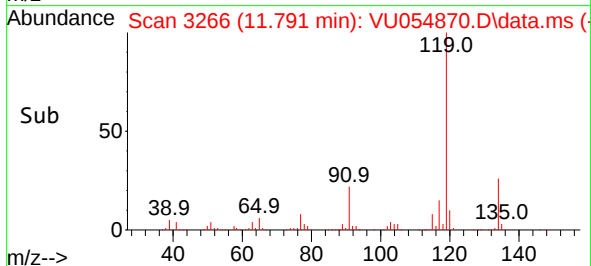
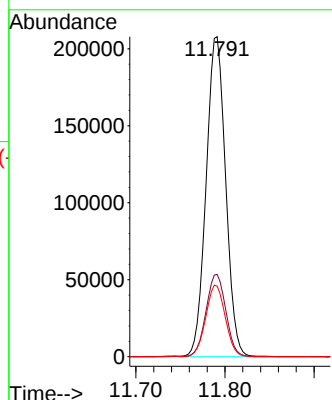
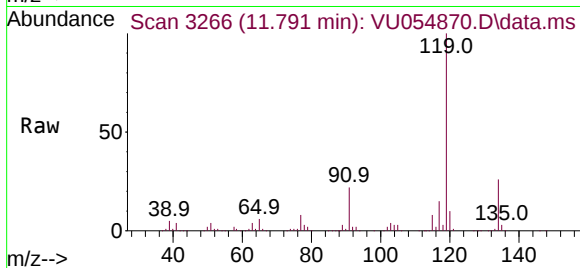
Tgt Ion:119 Resp: 315549

Ion Ratio Lower Upper

119 100

134 26.1 20.6 31.0

91 22.4 18.2 27.4



#82

1,3-Dichlorobenzene

Concen: 10.064 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU054870.D

Acq: 25 Jul 2023 13:22

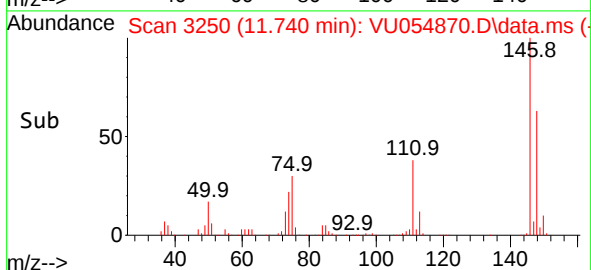
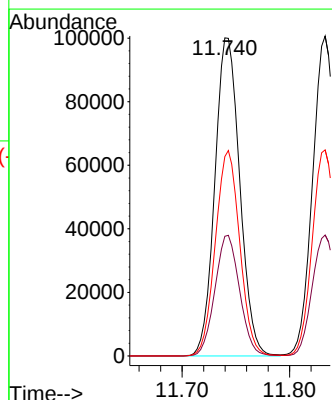
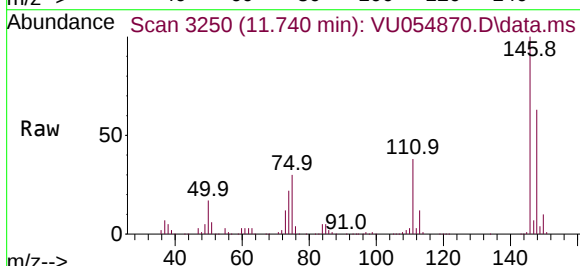
Tgt Ion:146 Resp: 161111

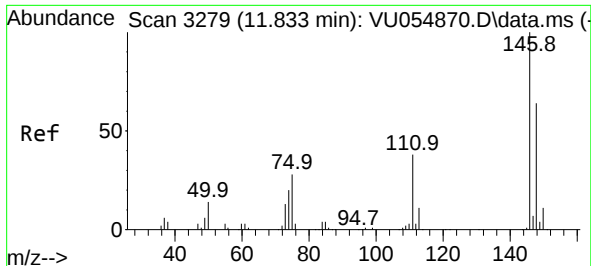
Ion Ratio Lower Upper

146 100

111 37.6 30.5 45.7

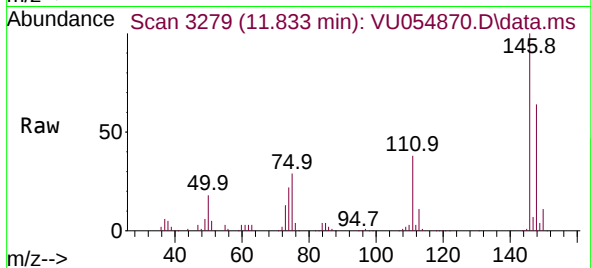
148 63.3 51.0 76.6



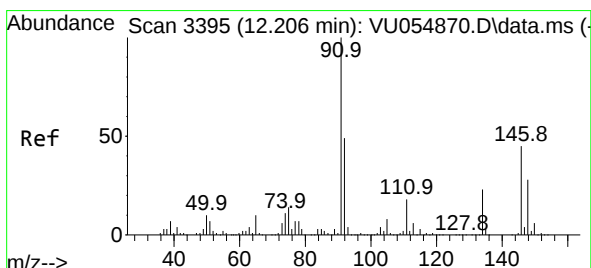
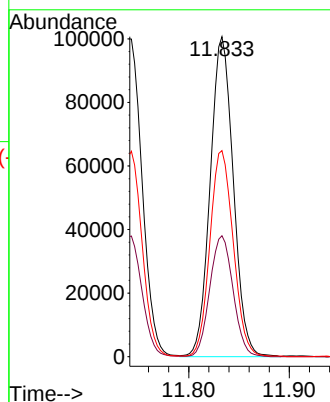
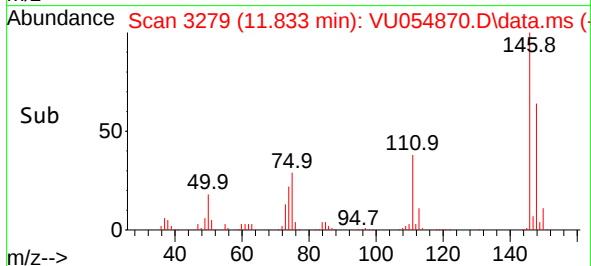


#83
1,4-Dichlorobenzene
Concen: 10.075 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

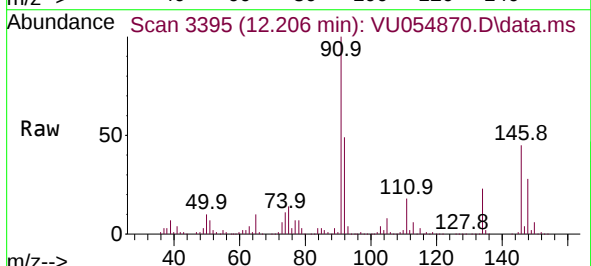
Instrument :
MSVOA_U
ClientSampleId :



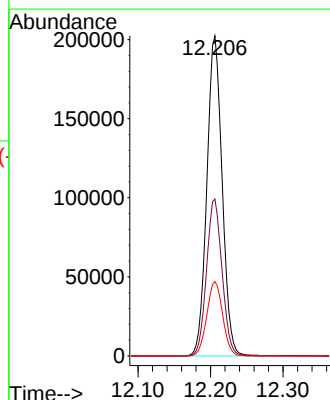
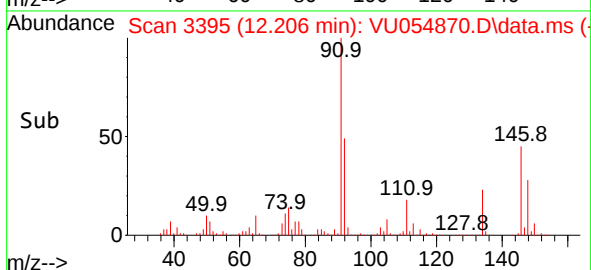
Tgt Ion:146 Resp: 160784
Ion Ratio Lower Upper
146 100
111 38.0 29.5 44.3
148 65.3 51.2 76.8

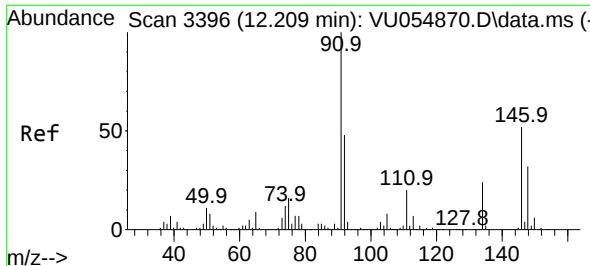


#84
n-Butylbenzene
Concen: 11.325 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22



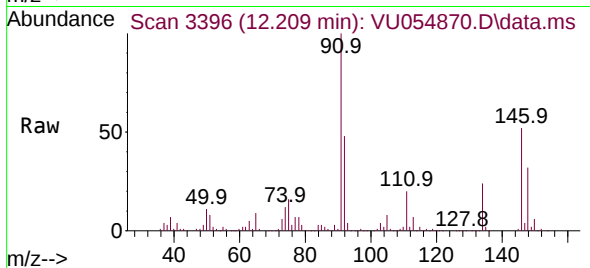
Tgt Ion: 91 Resp: 296857
Ion Ratio Lower Upper
91 100
92 49.7 39.8 59.8
134 24.0 20.2 30.4



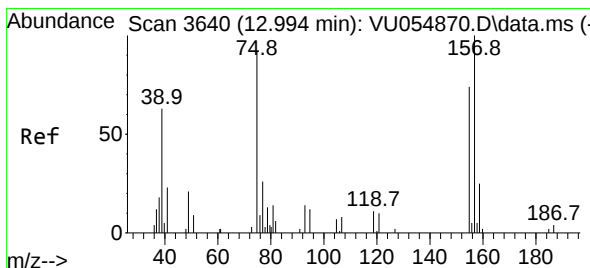
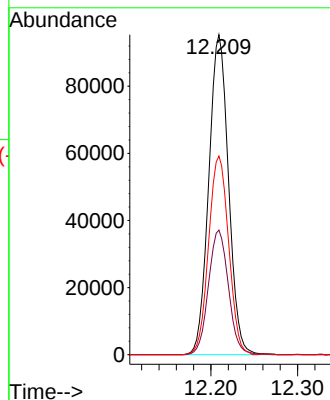
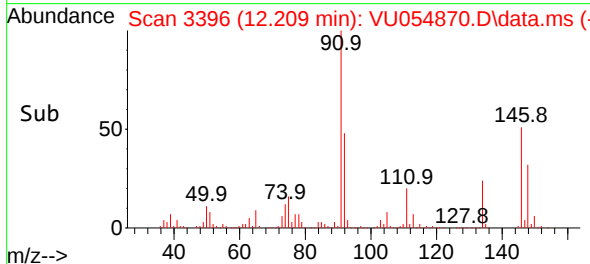


#85
 1,2-Dichlorobenzene
 Concen: 9.835 ug/l
 RT: 12.209 min Scan# 3396
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

Instrument :
 MSVOA_U
 ClientSampleId :

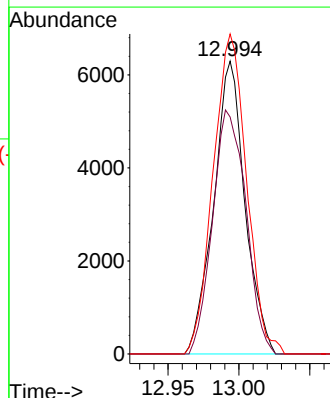
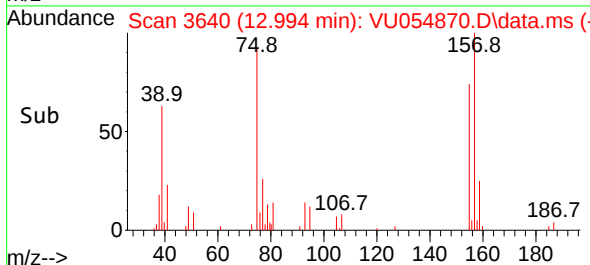
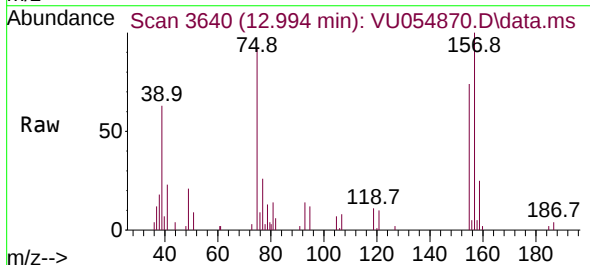


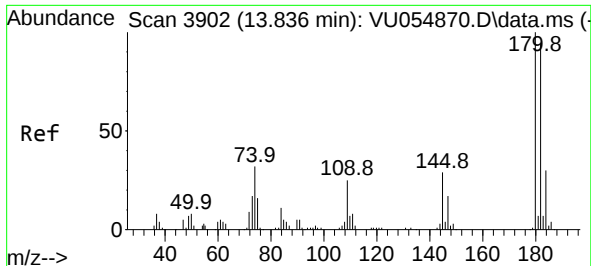
Tgt Ion:146 Resp: 150927
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.4
 148 63.0 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.069 ug/l
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.000 min
 Lab File: VU054870.D
 Acq: 25 Jul 2023 13:22

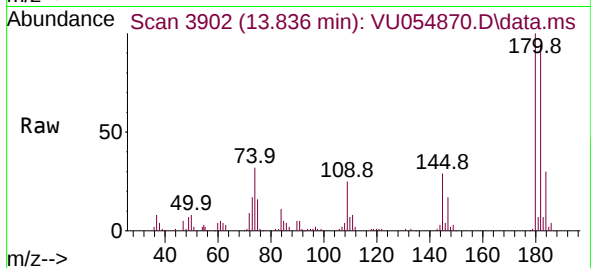
Tgt Ion: 75 Resp: 9676
 Ion Ratio Lower Upper
 75 100
 155 88.8 74.8 112.2
 157 116.7 97.4 146.0



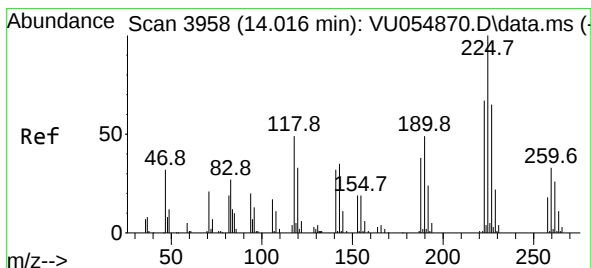
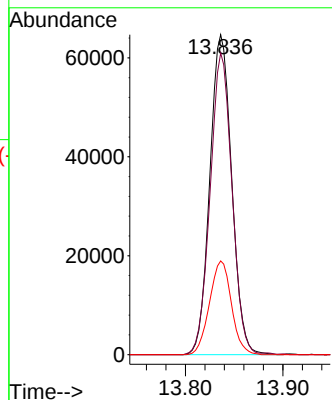
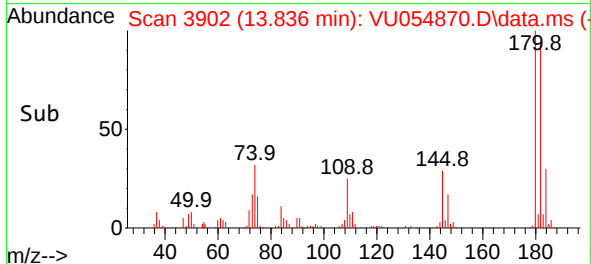


#87
1,2,4-Trichlorobenzene
Concen: 10.303 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Instrument :
MSVOA_U
ClientSampleId :

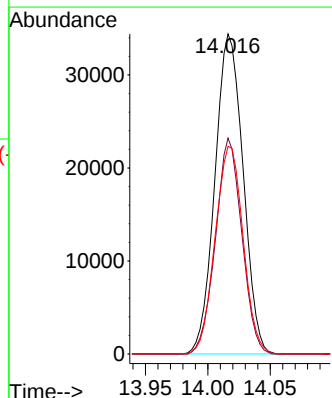
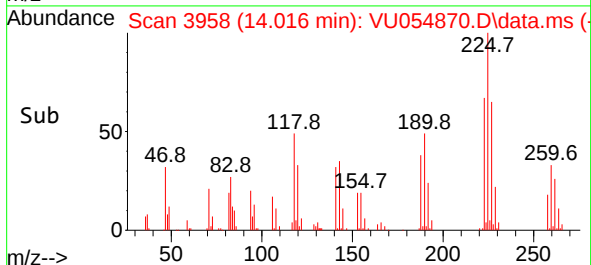
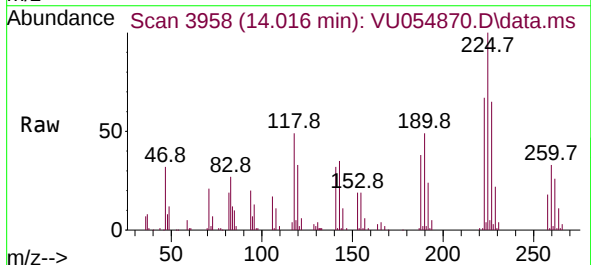


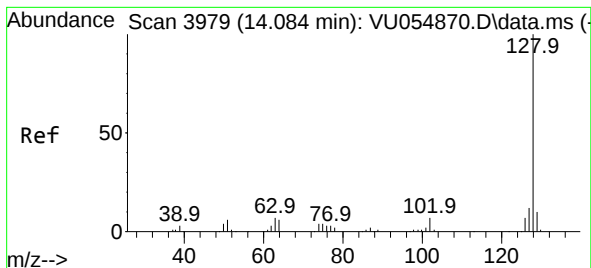
Tgt Ion:180 Resp: 100837
Ion Ratio Lower Upper
180 100
182 94.0 77.0 115.6
145 29.4 23.4 35.0



#88
Hexachlorobutadiene
Concen: 10.362 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

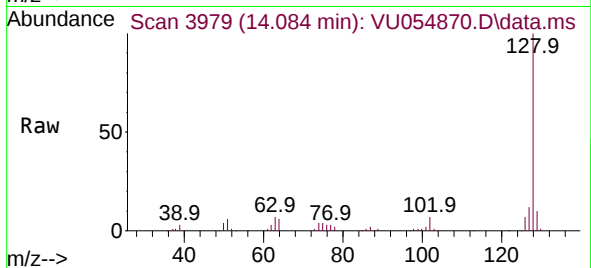
Tgt Ion:225 Resp: 54091
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 64.5 50.7 76.1



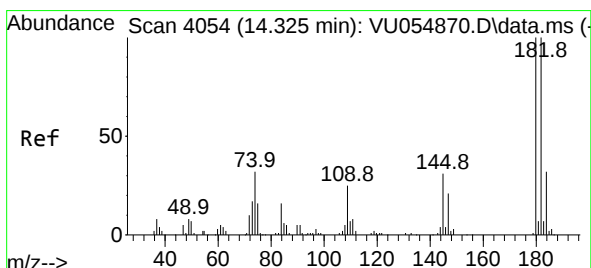
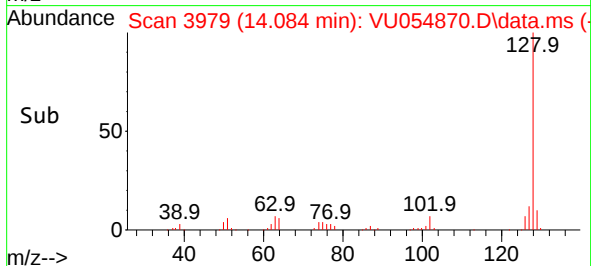
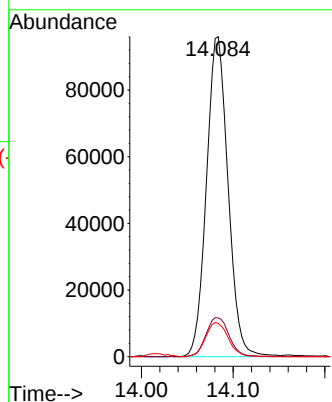


#89
Naphthalene
Concen: 10.375 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.2	8.7	13.1



#90
1,2,3-Trichlorobenzene
Concen: 10.028 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054870.D
Acq: 25 Jul 2023 13:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
145	30.5	24.3	36.5

