

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054888.D
 Acq On : 26 Jul 2023 20:10
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jul 28 03:26:07 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	27105	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	8331	1.014	ug/l	0.00
Spiked Amount	1.000		Recovery	= 101.000%		
68) 1,2-Dichlorobenzene-d4	12.190	152	9612	1.035	ug/l	0.00
Spiked Amount	1.000		Recovery	= 103.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	48790	9.453	ug/l	100
3) Chloromethane	1.518	50	53670	9.256	ug/l	97
4) Vinyl Chloride	1.602	62	74556	9.628	ug/l	99
5) Bromomethane	1.856	94	53701	8.742	ug/l	96
6) Chloroethane	1.930	64	67180	8.394	ug/l	98
7) Trichlorofluoromethane	2.136	101	154867	8.513	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	54545	9.252	ug/l	97
9) 1,1-Dichloroethene	2.576	96	45373	9.696	ug/l	95
10) Iodomethane	2.718	142	74296	10.170	ug/l	99
11) Allyl Chloride	2.920	41	53962	9.649	ug/l	96
12) Acrylonitrile	3.325	53	25763	21.937	ug/l	98
13) Acetone	2.644	43	45357	36.951	ug/l	98
14) Carbon Disulfide	2.789	76	71883	8.867	ug/l	98
15) Methylene Chloride	3.039	84	62896	10.535	ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	52641	10.333	ug/l	94
17) 1,1-Dichloroethane	3.862	63	112397	9.865	ug/l	98
18) 2-Butanone	4.711	43	77196	49.853	ug/l	99
19) Cyclohexane	5.383	56	61554	9.601	ug/l	90
20) Methylcyclohexane	6.759	83	86269	10.063	ug/l	98
21) 2,2-Dichloropropane	4.660	77	89747	8.498	ug/l	97
22) cis-1,2-Dichloroethene	4.660	96	67416	9.958	ug/l	96
23) Diethyl Ether	2.374	59	67922	9.838	ug/l	98
24) tert-Butyl Alcohol	3.210	59	20628	32.117	ug/l	# 69
25) Methyl tert-Butyl Ether	3.361	73	156132	10.782	ug/l	98
26) Bromochloromethane	4.968	128	29255	10.536	ug/l	98
27) Chloroform	5.081	83	125926	10.291	ug/l	95
28) 1,1,1-Trichloroethane	5.313	97	105638	9.996	ug/l	99
29) 1,1-Dichloropropene	5.522	75	76108	9.762	ug/l	99
30) Carbon Tetrachloride	5.522	117	87966	9.972	ug/l	99
31) Isopropyl Ether	3.988	45	169010	10.049	ug/l	99
32) Ethyl-t-butyl ether	4.499	59	175215	10.118	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	168965	10.320	ug/l	99
34) Propionitrile	4.792	54	28388	66.497	ug/l	# 85
35) Benzene	5.769	78	242754	9.944	ug/l	98
36) 1,2-Dichloroethane	5.788	62	73347	10.561	ug/l	99
37) Trichloroethene	6.541	130	66899	10.189	ug/l	93
38) 1,2-Dichloropropane	6.785	63	70514	10.218	ug/l	99
39) Methacrylonitrile	4.972	41	19169	11.200	ug/l	96
40) Methyl acrylate	4.846	55	29391	10.800	ug/l	# 93
41) Tetrahydrofuran	5.062	42	20250	20.693	ug/l	94
42) 1-Chlorobutane	5.454	56	97048	9.507	ug/l	99
43) Dibromomethane	6.914	93	35808	11.047	ug/l	98
44) Bromodichloromethane	7.100	83	95031	10.522	ug/l	99

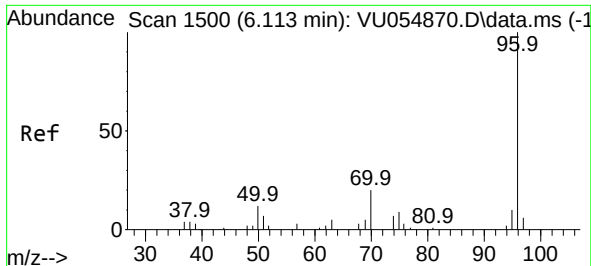
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054888.D
 Acq On : 26 Jul 2023 20:10
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jul 28 03:26:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	220357	58.261	ug/l	99
46) t-1,4-Dichloro-2-butene	10.820	75	86079	56.562	ug/l #	49
47) Methyl methacrylate	6.956	69	69790	23.550	ug/l	97
48) Ethyl methacrylate	8.329	69	68073	11.357	ug/l	99
49) Toluene	7.965	92	161525	10.386	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	85892	10.712	ug/l	100
51) cis-1,3-Dichloropropene	7.605	75	101526	10.301	ug/l	100
52) 1,1,2-Trichloroethane	8.396	97	54204	10.548	ug/l	96
53) 1,3-Dichloropropane	8.570	76	93276	11.221	ug/l	100
54) 2-Hexanone	8.682	43	149780	55.730	ug/l	98
55) Dibromochloromethane	8.808	129	64836	11.012	ug/l	99
56) 1,2-Dibromoethane	8.920	107	49763	11.427	ug/l	98
58) Tetrachloroethene	8.550	164	58386	10.187	ug/l	98
59) Chlorobenzene	9.444	112	196453	10.410	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	71587	10.744	ug/l	99
61) Pentachloroethane	11.425	117	52961	10.174	ug/l	98
62) Hexachloroethane	12.470	117	56982	10.645	ug/l	97
63) Ethyl Benzene	9.566	91	325951	10.293	ug/l	98
64) m/p-Xylenes	9.689	106	246986	20.846	ug/l	100
65) o-Xylene	10.097	106	126810	10.420	ug/l	95
66) Styrene	10.110	104	209652	10.775	ug/l	100
67) Bromoform	10.287	173	36245	11.871	ug/l	98
69) Isopropylbenzene	10.480	105	340454	10.421	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.779	83	71821	11.291	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	86079	18.999	ug/l #	73
72) Bromobenzene	10.779	156	80055	11.005	ug/l	99
73) n-propylbenzene	10.901	120	90689	10.372	ug/l	100
74) 2-Chlorotoluene	10.981	126	80871	10.684	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	283222	10.705	ug/l	99
76) 4-Chlorotoluene	11.094	126	84821	10.786	ug/l	98
77) tert-Butylbenzene	11.415	119	294393	10.699	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	292343	10.793	ug/l	98
79) sec-Butylbenzene	11.640	105	378140	10.572	ug/l	100
80) Nitrobenzene	13.206	77	9509	56.900	ug/l #	94
81) p-Isopropyltoluene	11.788	119	311609	11.038	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	164782	10.641	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	163002	10.559	ug/l	99
84) n-Butylbenzene	12.206	91	287741	11.348	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	155845	10.498	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	10001	11.827	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	99296	10.488	ug/l	98
88) Hexachlorobutadiene	14.016	225	56155	11.121	ug/l	98
89) Naphthalene	14.084	128	181597	12.386	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	107299	12.773	ug/l	99

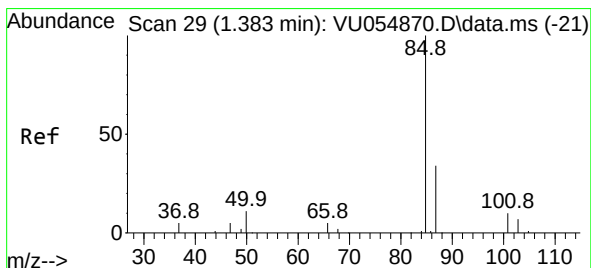
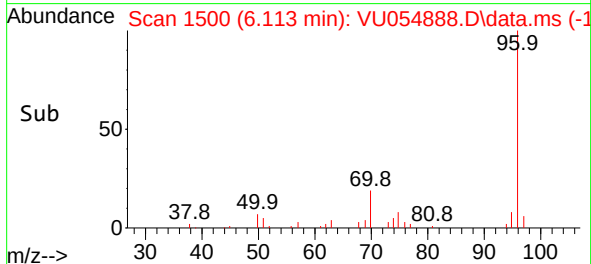
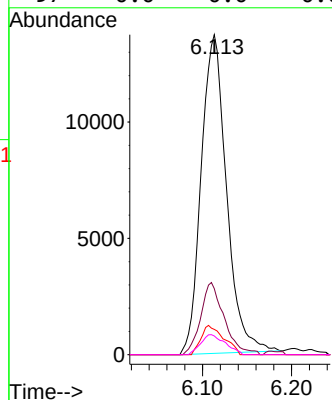
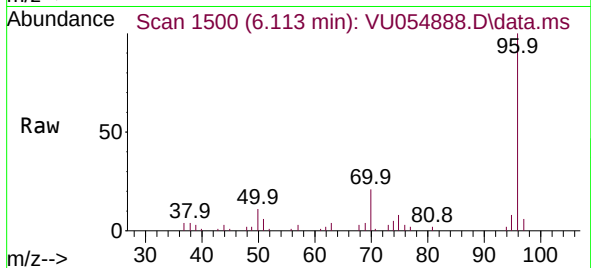
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

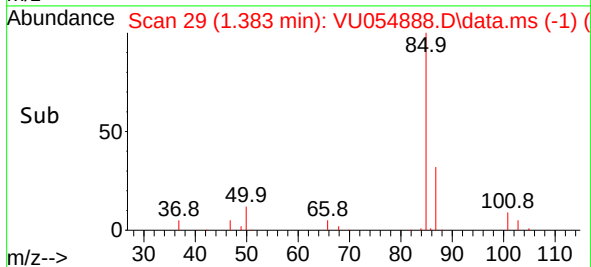
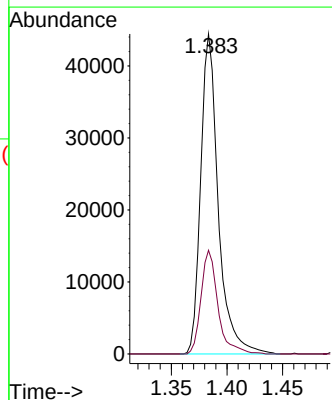
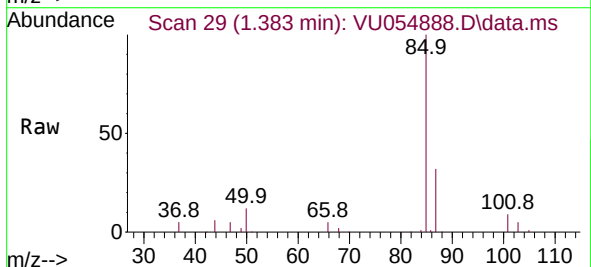
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

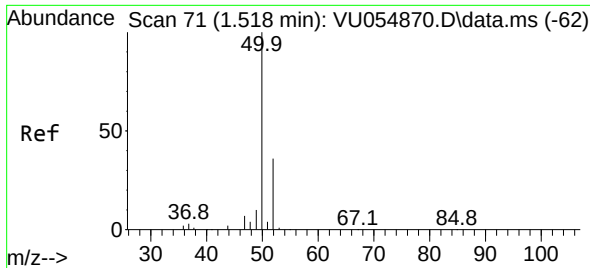
Tgt Ion:	96	Resp:	27105
Ion Ratio	Lower	Upper	
96	100		
70	21.0	14.0	21.0
95	8.3	8.7	13.1#
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 9.453 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:	85	Resp:	48790
Ion Ratio	Lower	Upper	
85	100		
87	32.4	16.2	48.6

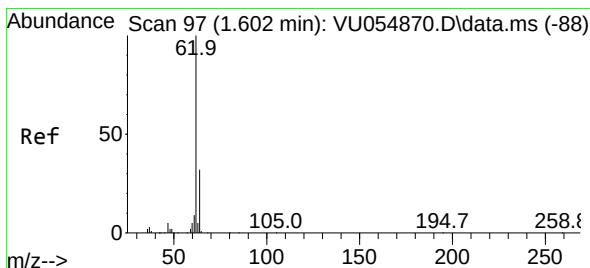
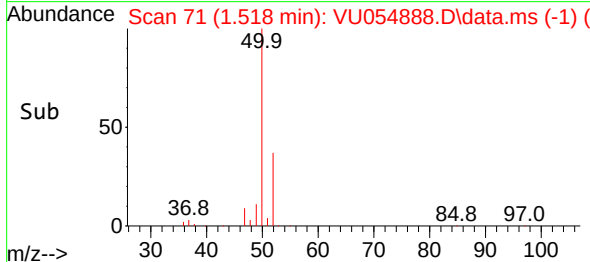
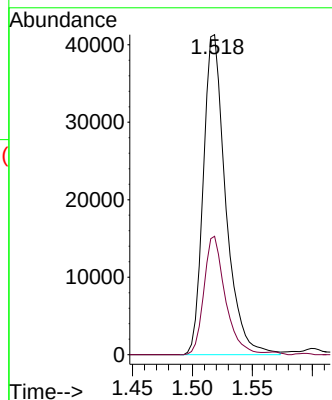
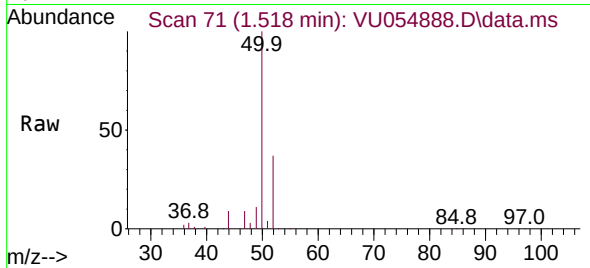




#3
Chloromethane
Concen: 9.256 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

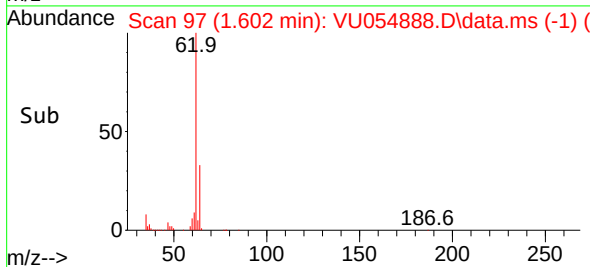
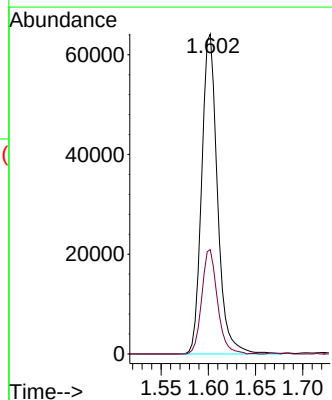
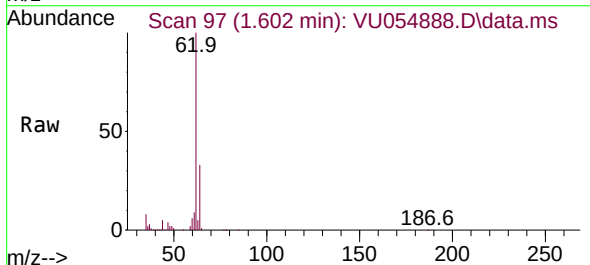
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

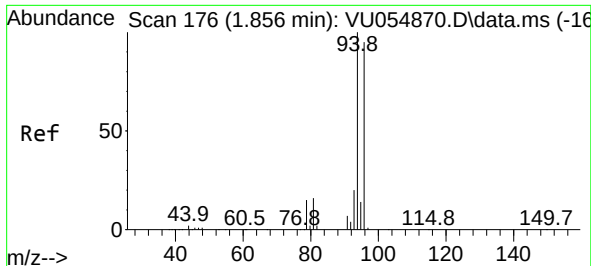
Tgt Ion: 50 Resp: 53670
Ion Ratio Lower Upper
50 100
52 37.0 28.2 42.2



#4
Vinyl Chloride
Concen: 9.628 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 62 Resp: 74556
Ion Ratio Lower Upper
62 100
64 32.6 26.4 39.6

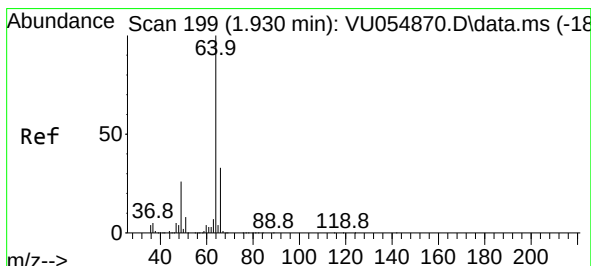
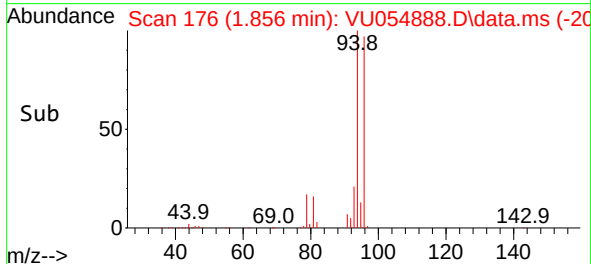
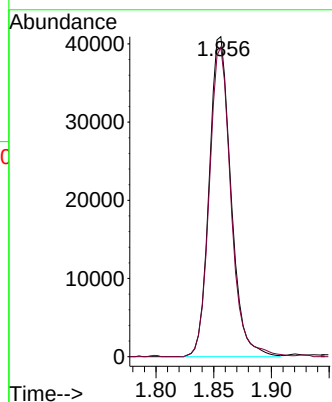
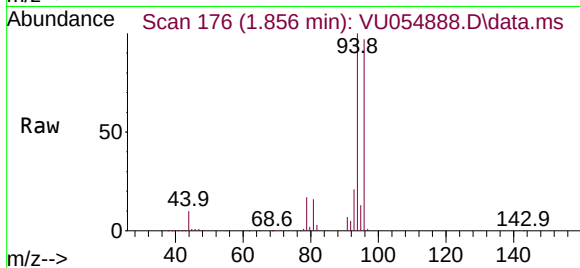




#5
Bromomethane
Concen: 8.742 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

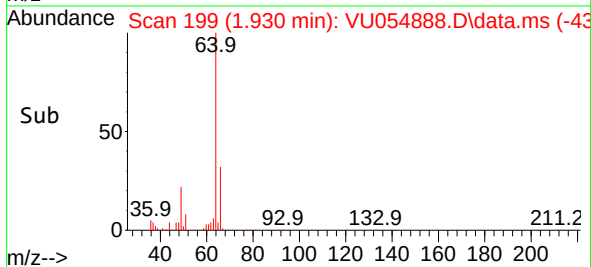
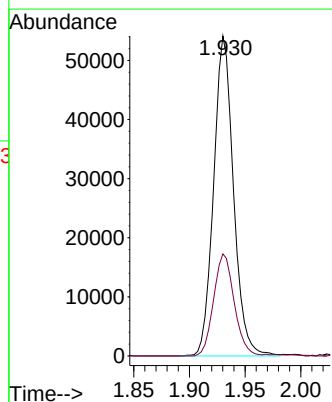
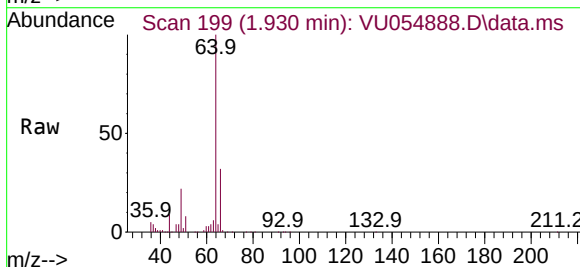
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

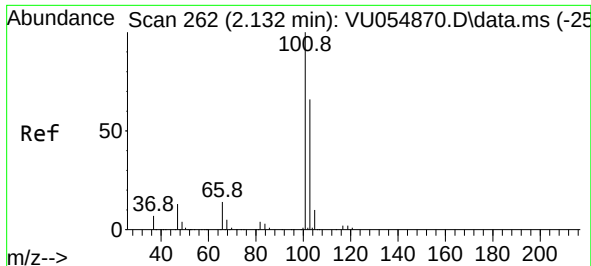
Tgt Ion: 94 Resp: 53701
Ion Ratio Lower Upper
94 100
96 96.7 74.6 111.8



#6
Chloroethane
Concen: 8.394 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 64 Resp: 67180
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

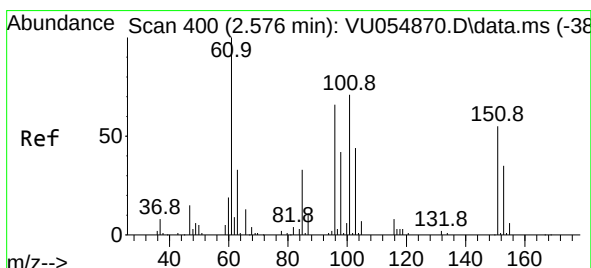
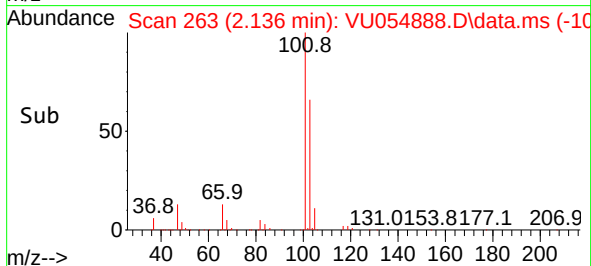
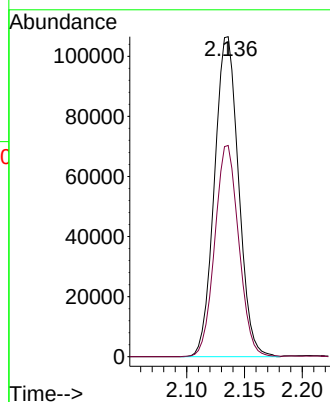
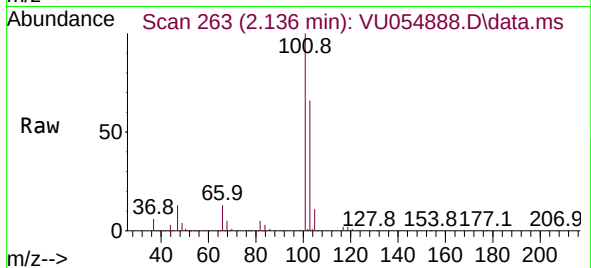




#7
Trichlorofluoromethane
Concen: 8.513 ug/l
RT: 2.136 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

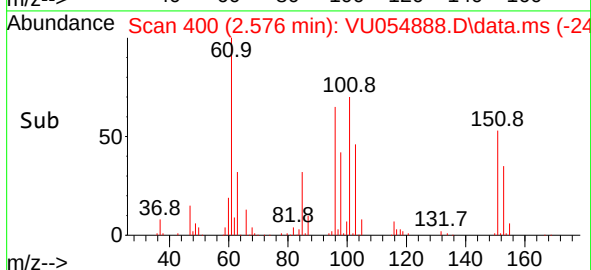
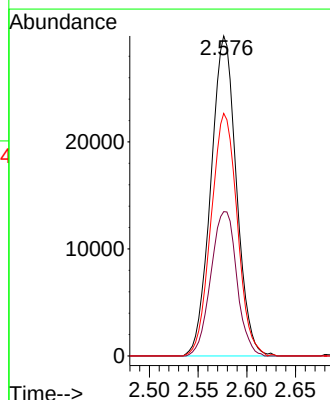
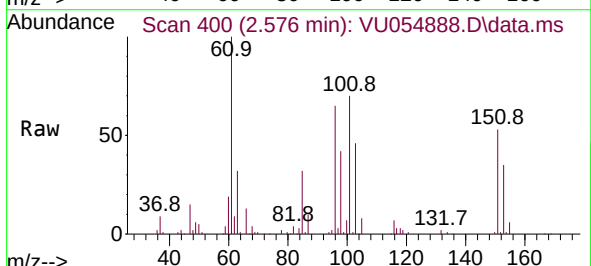
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

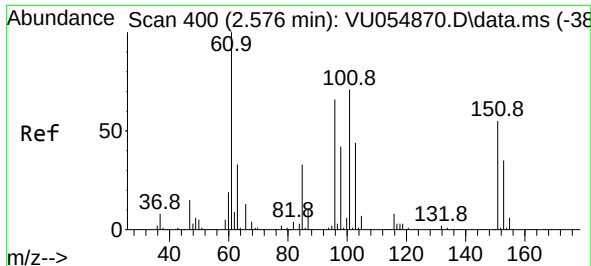
Tgt Ion:101 Resp: 154867
Ion Ratio Lower Upper
101 100
103 66.0 52.9 79.3



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.252 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:101 Resp: 54545
Ion Ratio Lower Upper
101 100
85 45.8 34.8 52.2
151 77.9 60.5 90.7

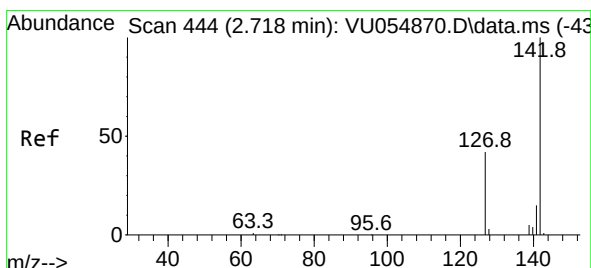
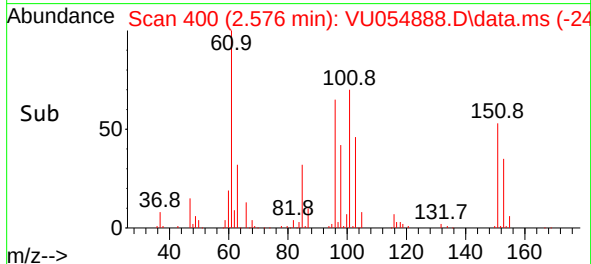
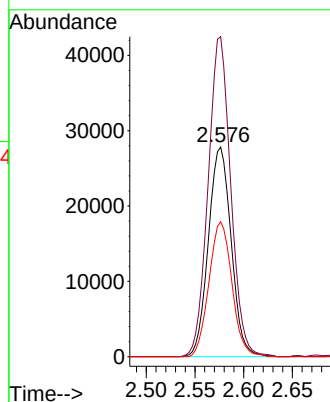
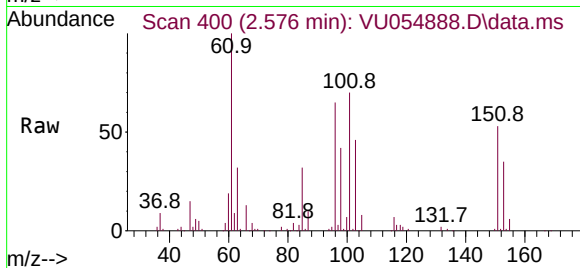




#9
1,1-Dichloroethene
Concen: 9.696 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

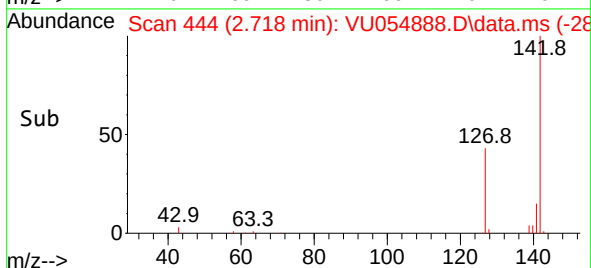
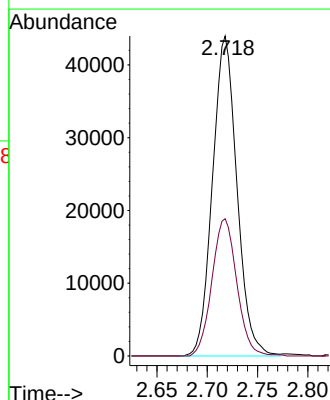
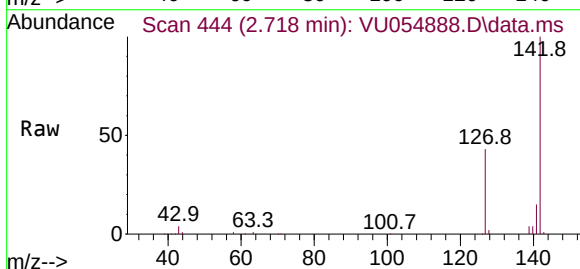
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

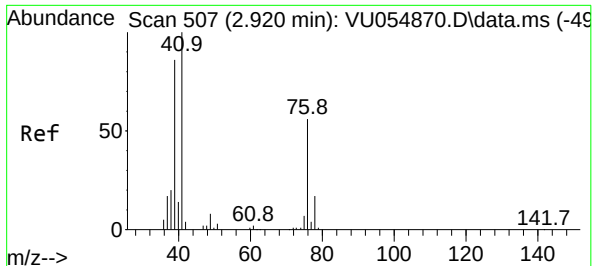
Tgt Ion: 96 Resp: 45373
Ion Ratio Lower Upper
96 100
61 152.7 0.0 440.1
98 64.3 0.0 121.8



#10
Iodomethane
Concen: 10.170 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 142 Resp: 74296
Ion Ratio Lower Upper
142 100
127 43.7 34.3 51.5

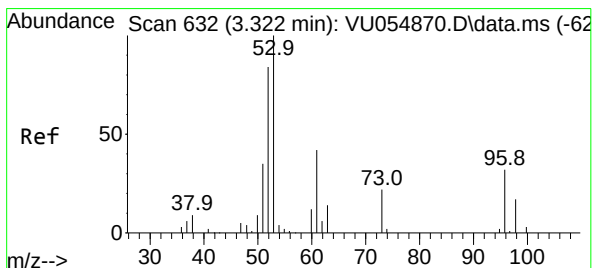
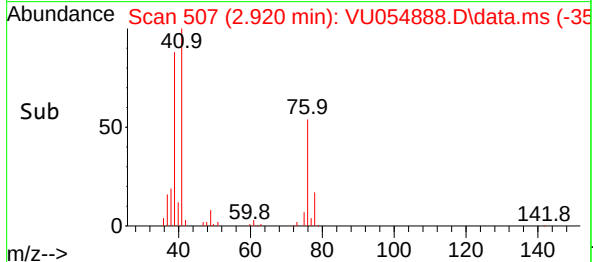
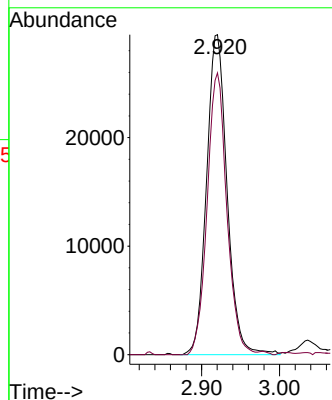
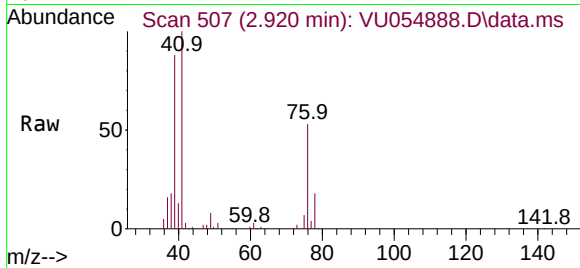




#11
 Allyl Chloride
 Concen: 9.649 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054888.D
 Acq: 26 Jul 2023 20:10

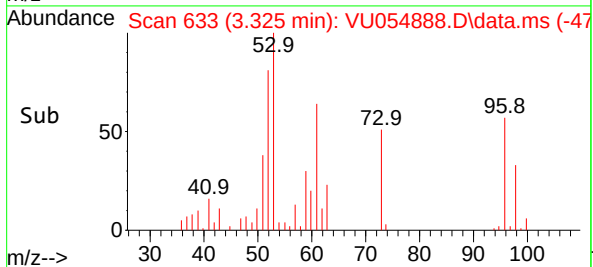
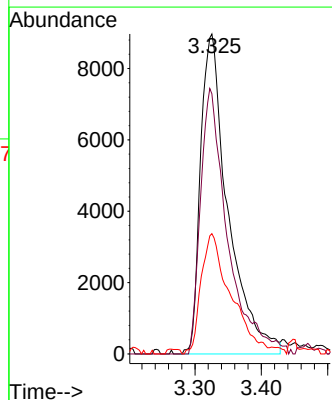
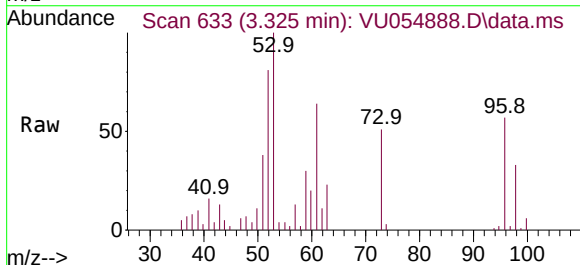
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

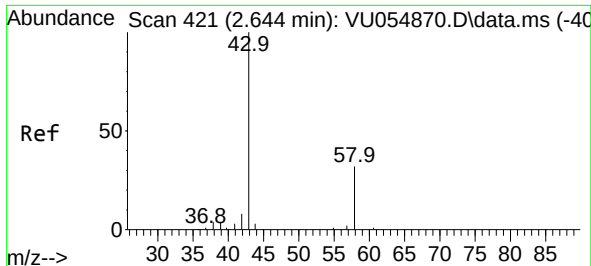
Tgt Ion: 41 Resp: 53962
 Ion Ratio Lower Upper
 41 100
 39 84.3 70.2 105.2



#12
 Acrylonitrile
 Concen: 21.937 ug/l
 RT: 3.325 min Scan# 633
 Delta R.T. 0.003 min
 Lab File: VU054888.D
 Acq: 26 Jul 2023 20:10

Tgt Ion: 53 Resp: 25763
 Ion Ratio Lower Upper
 53 100
 52 81.8 64.2 96.4
 51 40.7 33.6 50.4





#13

Acetone

Concen: 36.951 ug/l

RT: 2.644 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

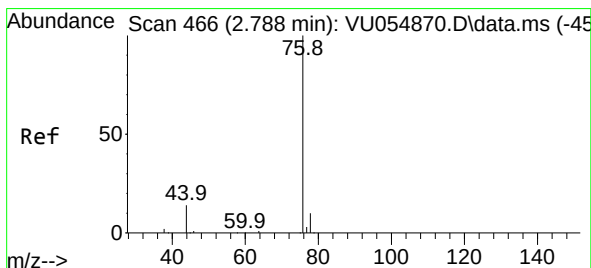
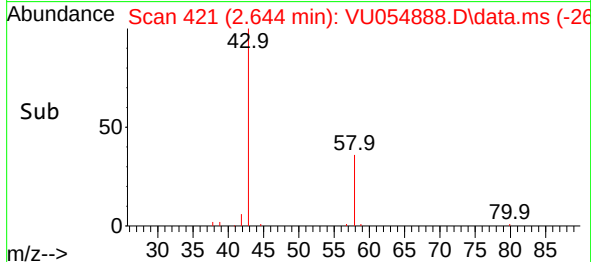
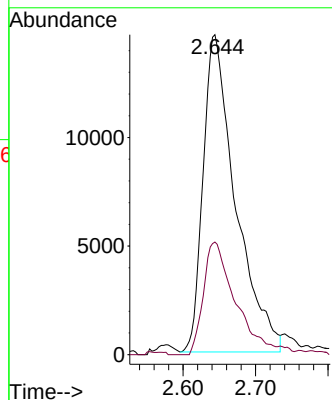
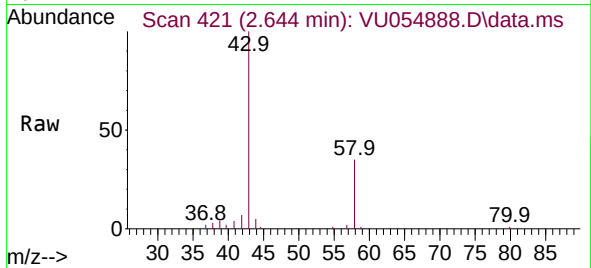
VSTDCCC010EC

Tgt Ion: 43 Resp: 45357

Ion Ratio Lower Upper

43 100

58 36.9 30.7 46.1



#14

Carbon Disulfide

Concen: 8.867 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054888.D

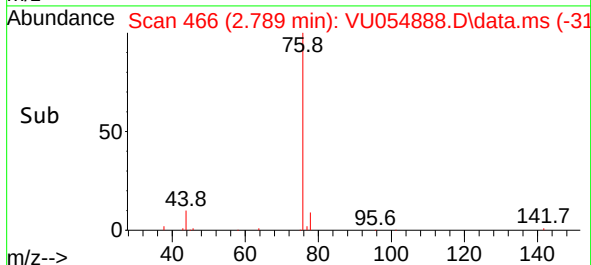
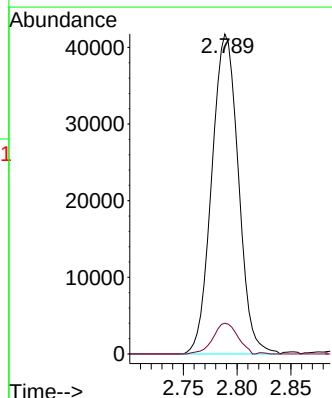
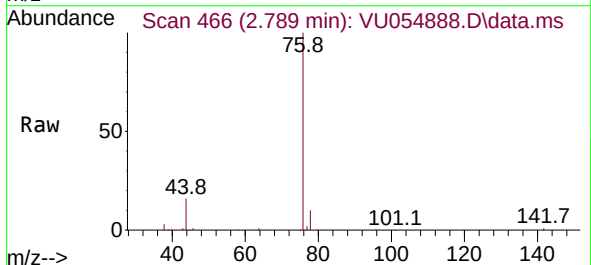
Acq: 26 Jul 2023 20:10

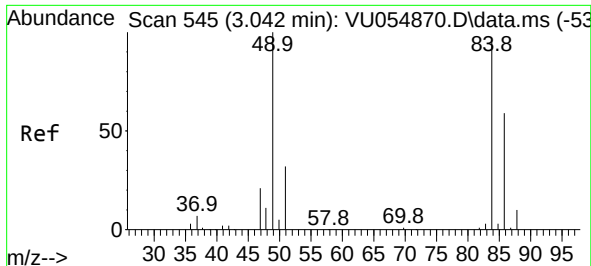
Tgt Ion: 76 Resp: 71883

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7





#15

Methylene Chloride

Concen: 10.535 ug/l

RT: 3.039 min Scan# 54

Delta R.T. -0.003 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 84 Resp: 62896

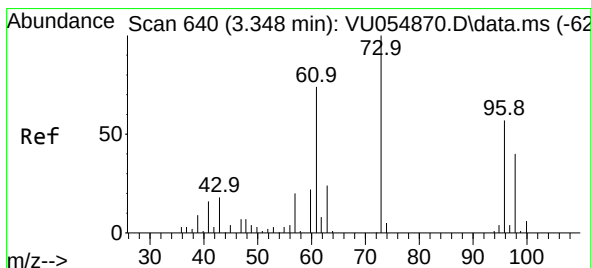
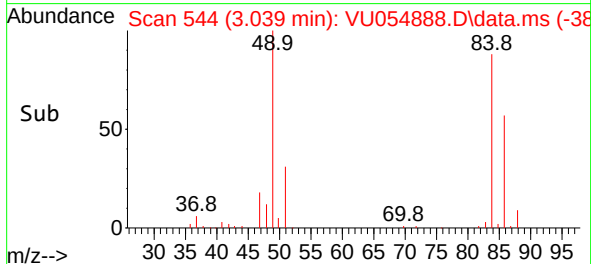
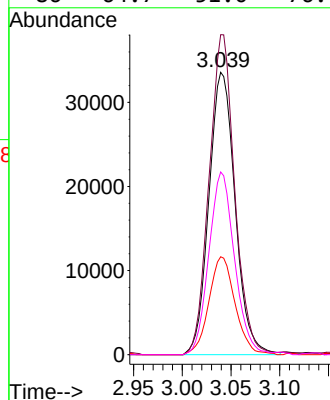
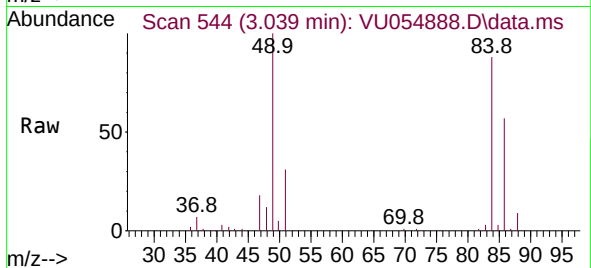
Ion Ratio Lower Upper

84 100

49 113.3 87.8 131.6

51 34.7 0.0 68.2

86 64.7 51.0 76.4



#16

trans-1,2-Dichloroethene

Concen: 10.333 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

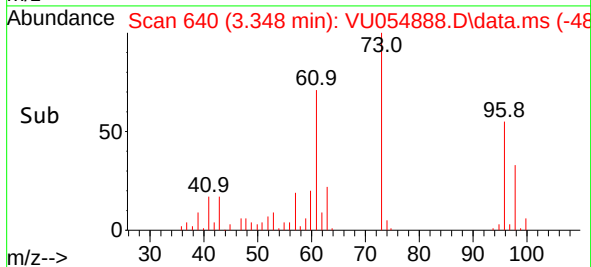
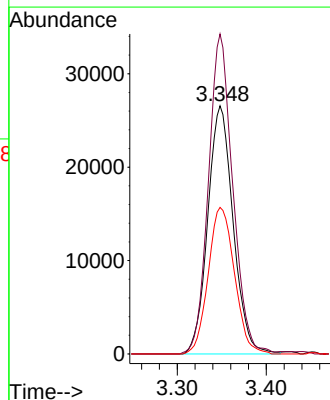
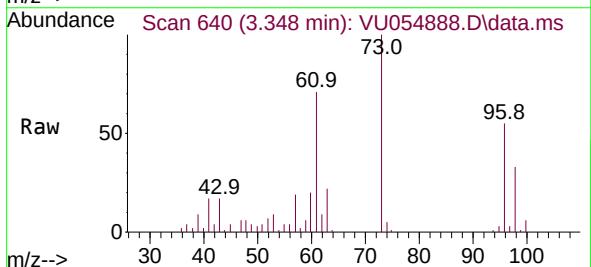
Tgt Ion: 96 Resp: 52641

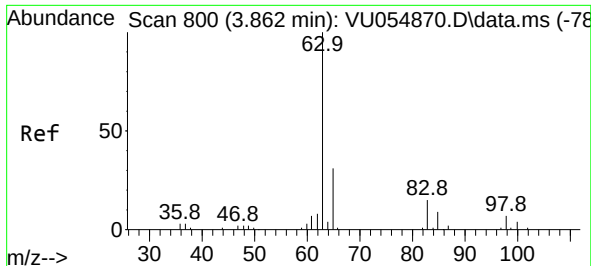
Ion Ratio Lower Upper

96 100

61 128.9 96.4 144.6

98 59.1 49.3 73.9

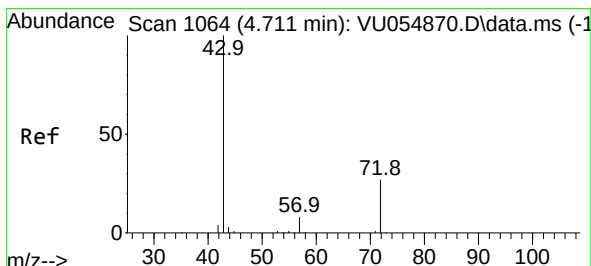
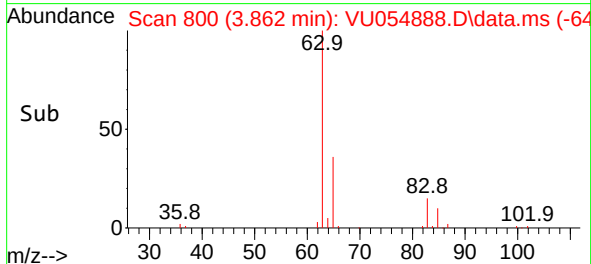
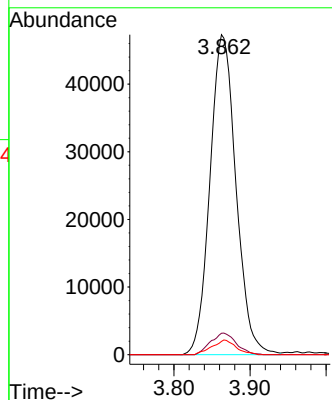
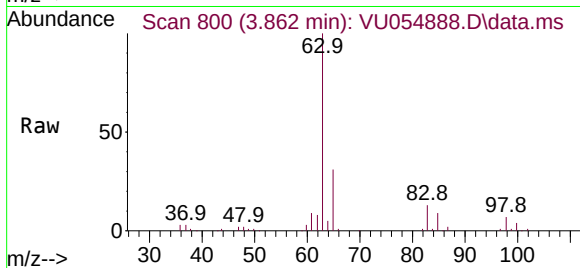




#17
 1,1-Dichloroethane
 Concen: 9.865 ug/l
 RT: 3.862 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VU054888.D
 Acq: 26 Jul 2023 20:10

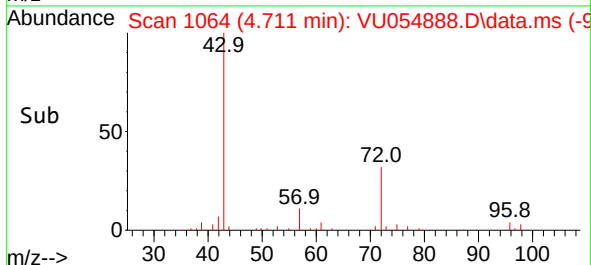
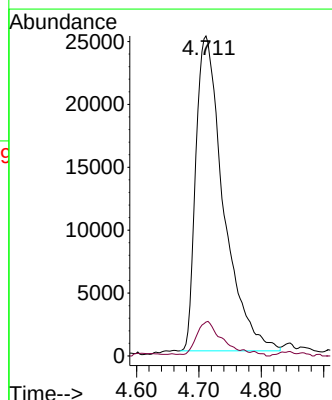
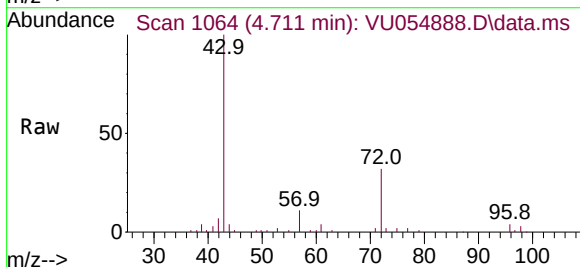
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

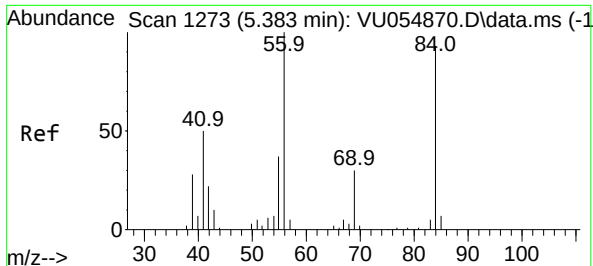
Tgt Ion: 63 Resp: 112397
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.4 2.8 8.4



#18
 2-Butanone
 Concen: 49.853 ug/l
 RT: 4.711 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: VU054888.D
 Acq: 26 Jul 2023 20:10

Tgt Ion: 43 Resp: 77196
 Ion Ratio Lower Upper
 43 100
 57 10.2 0.0 20.8





#19

Cyclohexane

Concen: 9.601 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

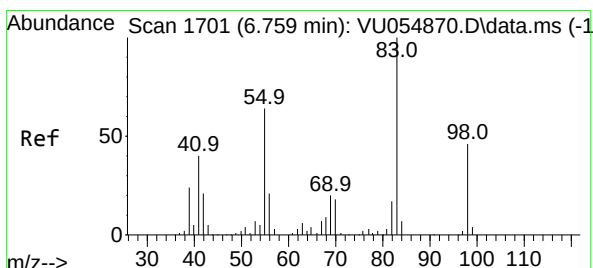
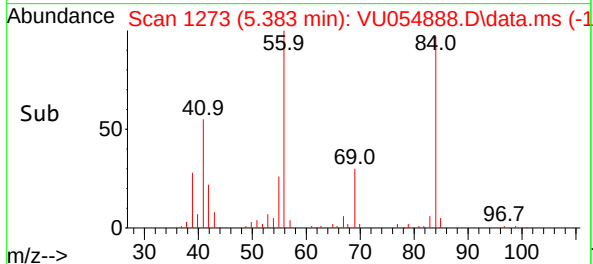
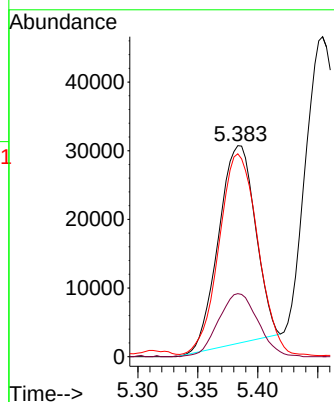
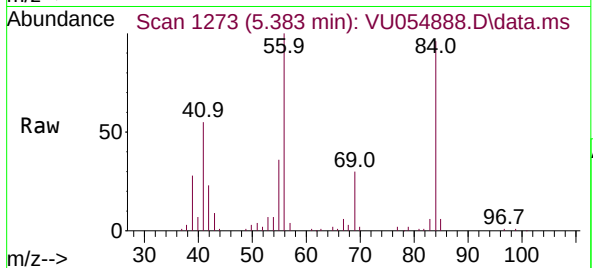
Tgt Ion: 56 Resp: 61554

Ion Ratio Lower Upper

56 100

69 34.3 24.7 37.1

84 107.0 76.5 114.7



#20

Methylcyclohexane

Concen: 10.063 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

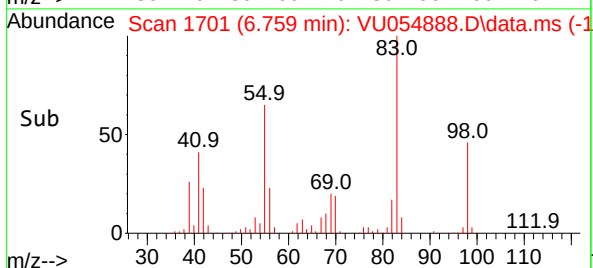
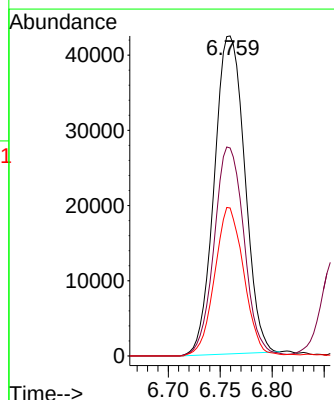
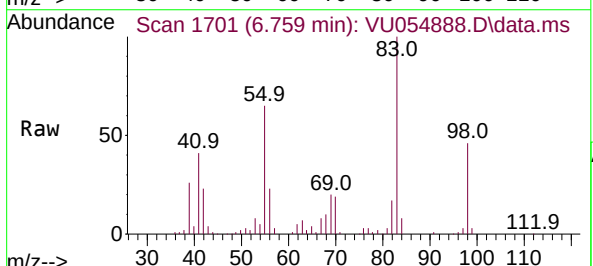
Tgt Ion: 83 Resp: 86269

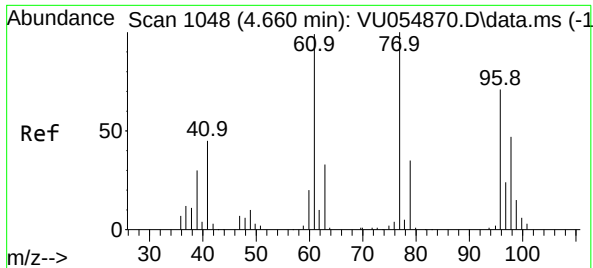
Ion Ratio Lower Upper

83 100

55 64.1 51.6 77.4

98 44.3 38.2 57.2





#21

2,2-Dichloropropane

Concen: 8.498 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

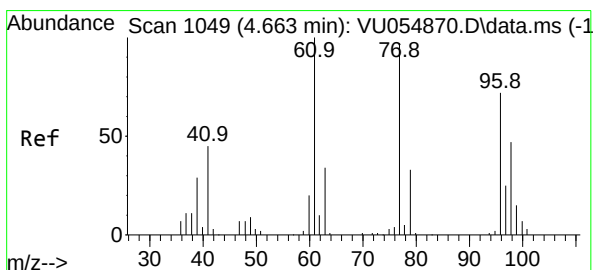
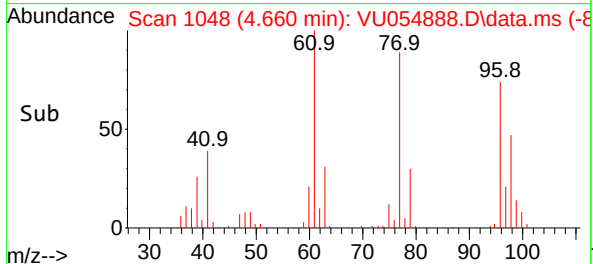
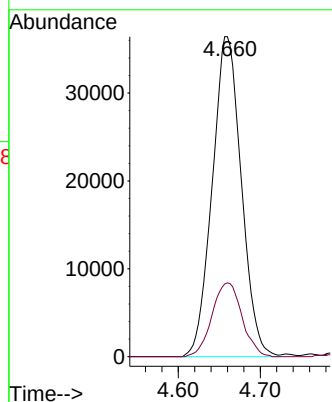
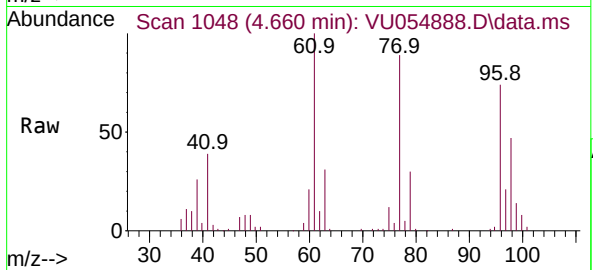
VSTDCCC010EC

Tgt Ion: 77 Resp: 89747

Ion Ratio Lower Upper

77 100

97 23.8 18.0 27.0



#22

cis-1,2-Dichloroethene

Concen: 9.958 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

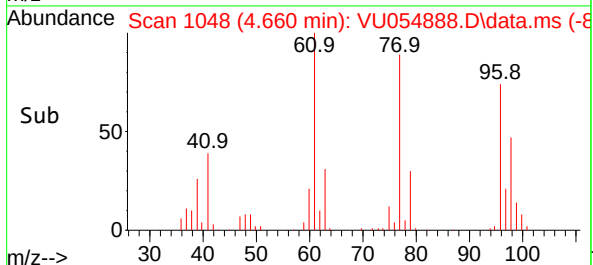
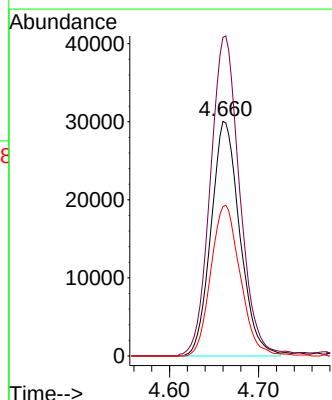
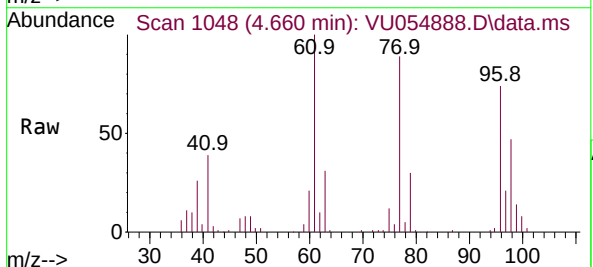
Tgt Ion: 96 Resp: 67416

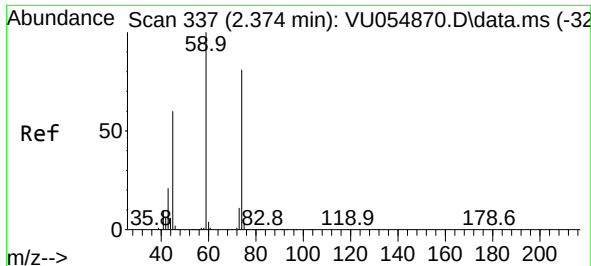
Ion Ratio Lower Upper

96 100

61 139.3 0.0 332.0

98 65.6 32.5 97.5

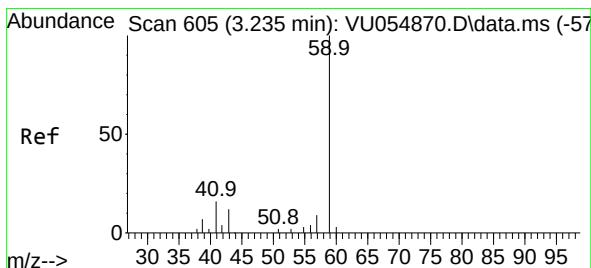
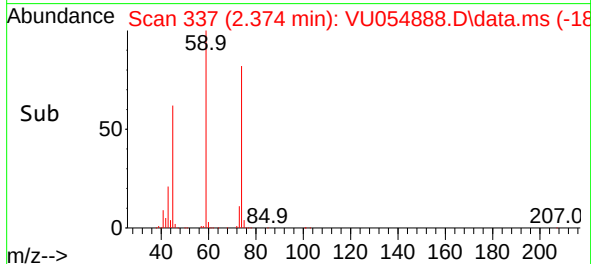
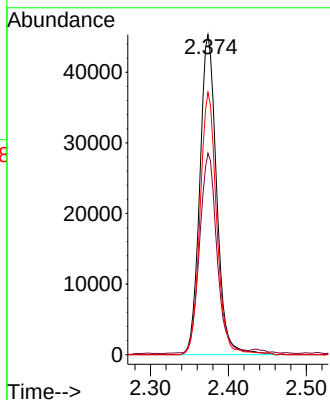
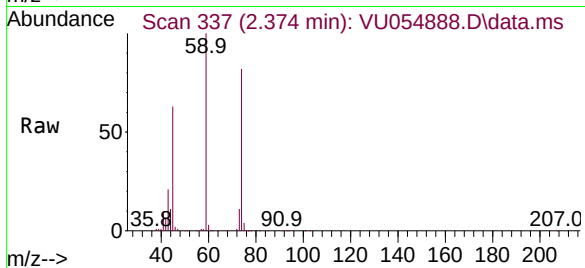




#23
Diethyl Ether
Concen: 9.838 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

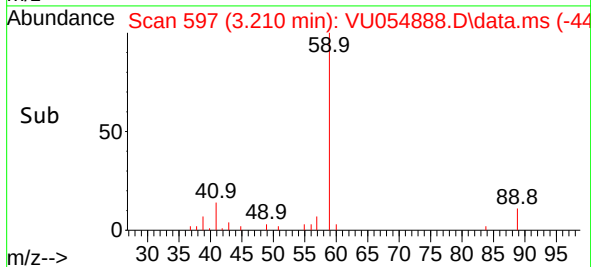
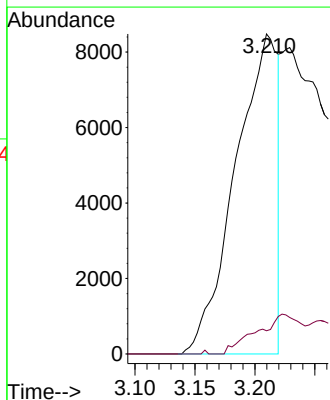
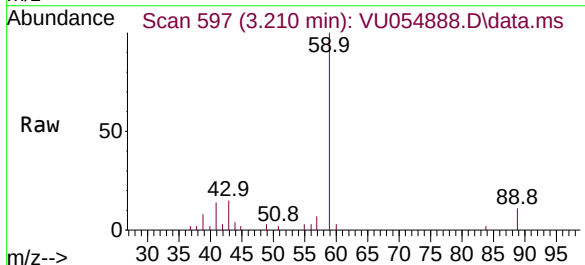
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

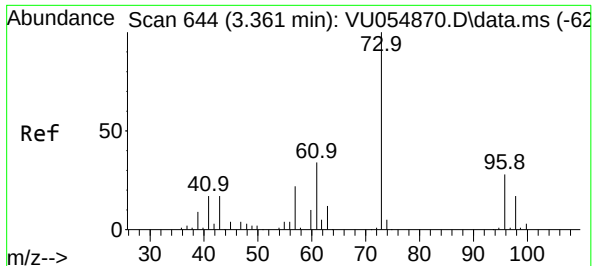
Tgt Ion: 59 Resp: 67922
Ion Ratio Lower Upper
59 100
45 64.6 51.4 77.0
74 81.0 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 32.117 ug/l
RT: 3.210 min Scan# 597
Delta R.T. -0.026 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 59 Resp: 20628
Ion Ratio Lower Upper
59 100
57 13.0 2.2 3.2#

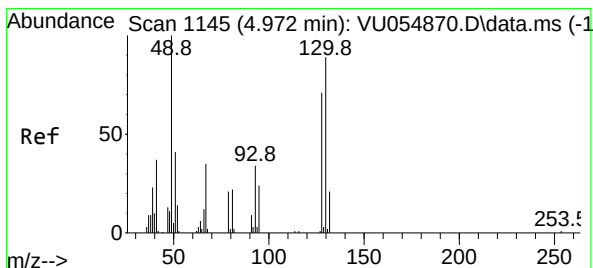
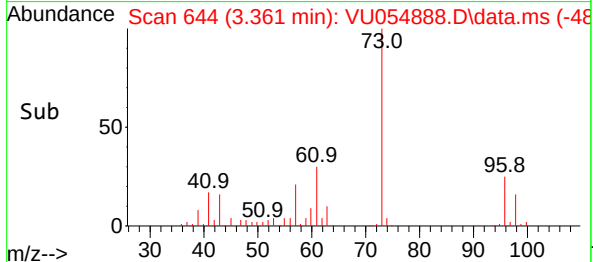
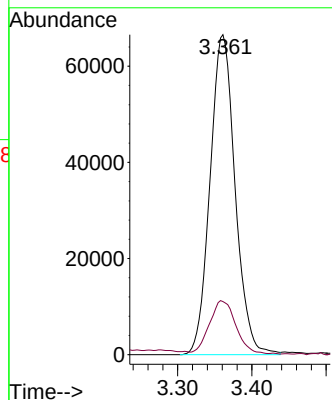
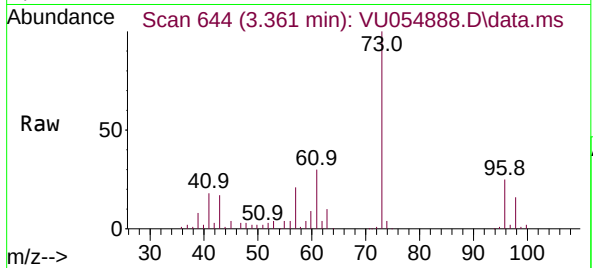




#25
Methyl tert-Butyl Ether
Concen: 10.782 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

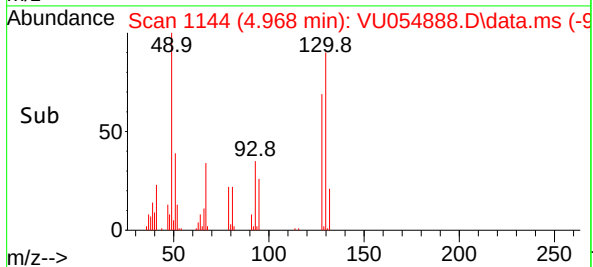
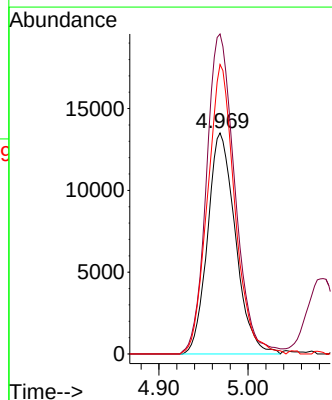
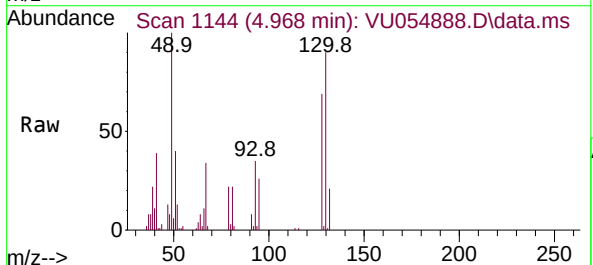
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

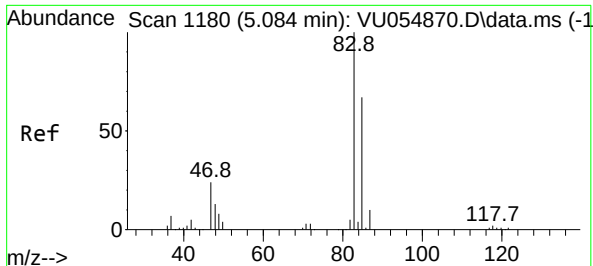
Tgt Ion: 73 Resp: 156132
Ion Ratio Lower Upper
73 100
43 17.2 14.6 22.0



#26
Bromochloromethane
Concen: 10.536 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 128 Resp: 29255
Ion Ratio Lower Upper
128 100
49 148.1 0.0 304.0
130 128.7 104.3 156.5





#27

Chloroform

Concen: 10.291 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

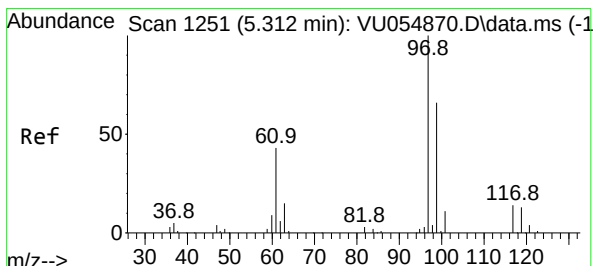
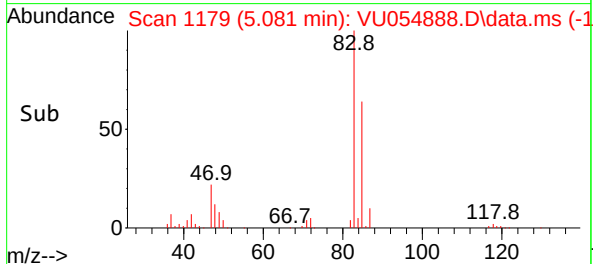
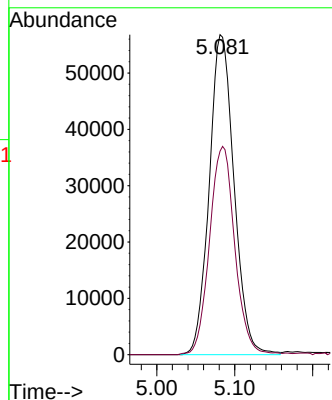
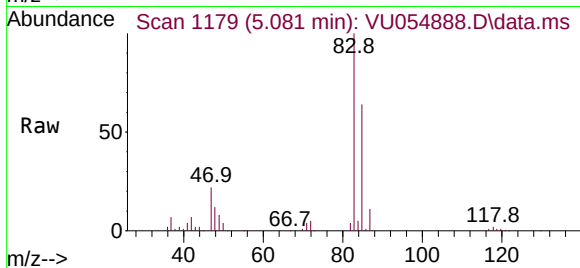
VSTDCCC010EC

Tgt Ion: 83 Resp: 125926

Ion Ratio Lower Upper

83 100

85 63.4 0.0 135.2



#28

1,1,1-Trichloroethane

Concen: 9.996 ug/l

RT: 5.313 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

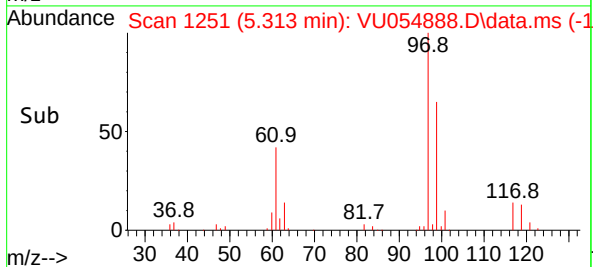
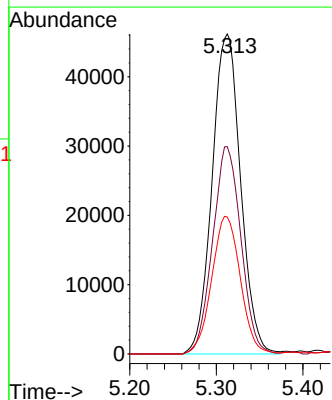
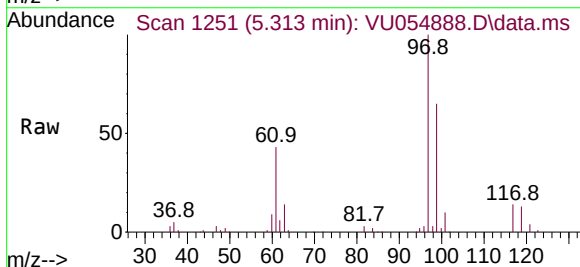
Tgt Ion: 97 Resp: 105638

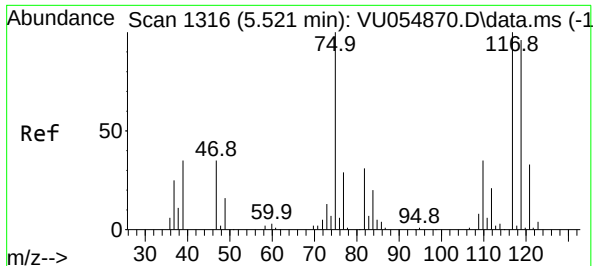
Ion Ratio Lower Upper

97 100

99 64.2 32.0 96.2

61 43.2 21.0 63.0





#29

1,1-Dichloropropene

Concen: 9.762 ug/l

RT: 5.522 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

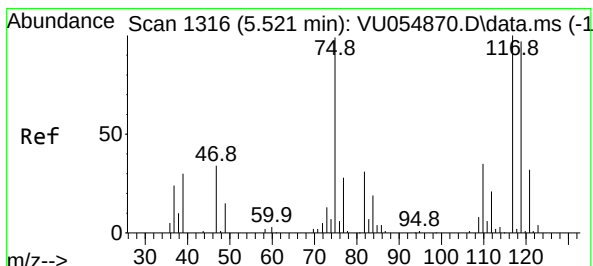
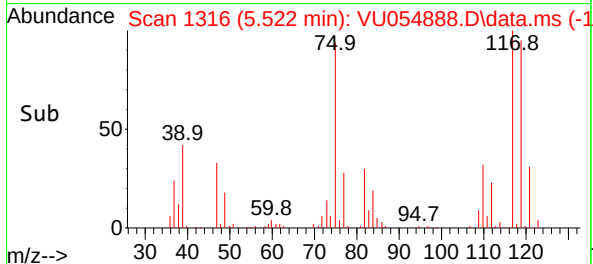
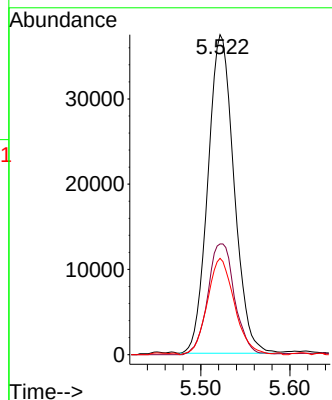
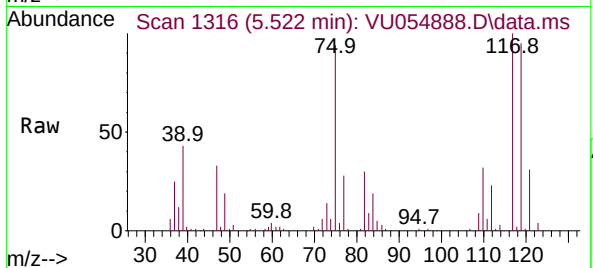
Tgt Ion: 75 Resp: 76108

Ion Ratio Lower Upper

75 100

110 35.9 18.5 55.5

77 31.4 24.9 37.3



#30

Carbon Tetrachloride

Concen: 9.972 ug/l

RT: 5.522 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

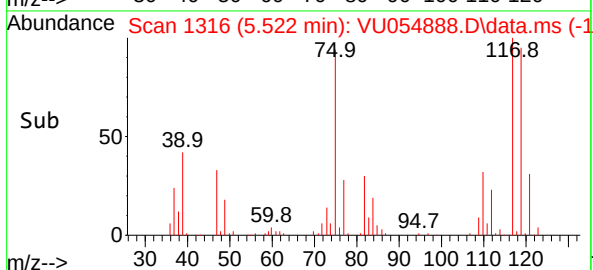
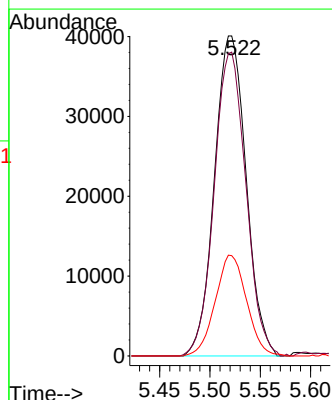
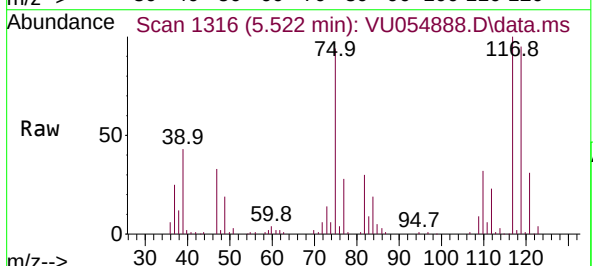
Tgt Ion: 117 Resp: 87966

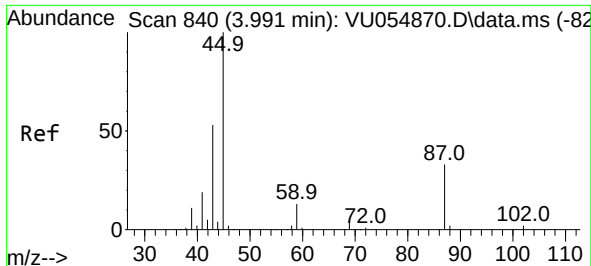
Ion Ratio Lower Upper

117 100

119 95.0 75.6 113.4

121 31.3 23.4 35.0

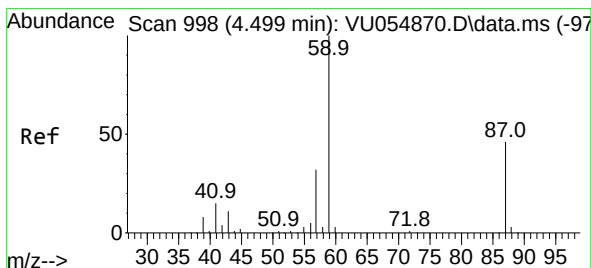
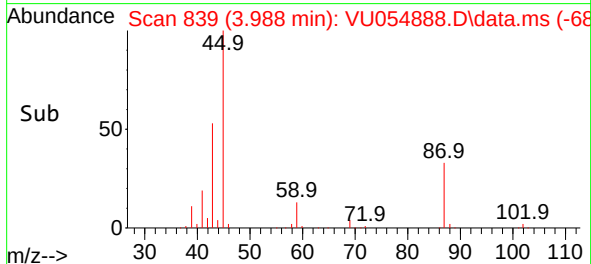
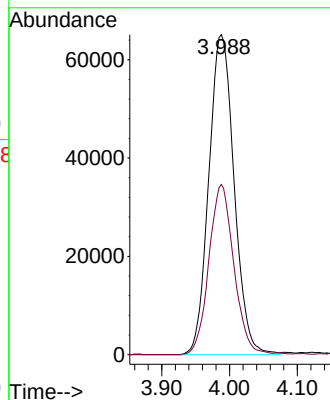
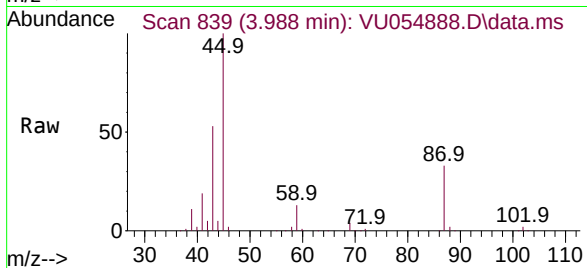




#31
Isopropyl Ether
Concen: 10.049 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

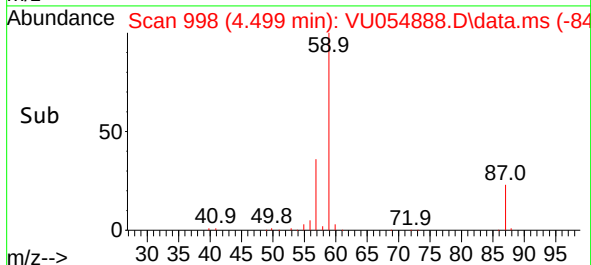
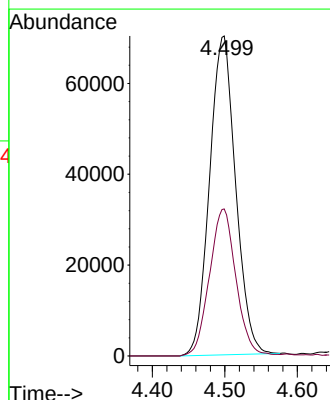
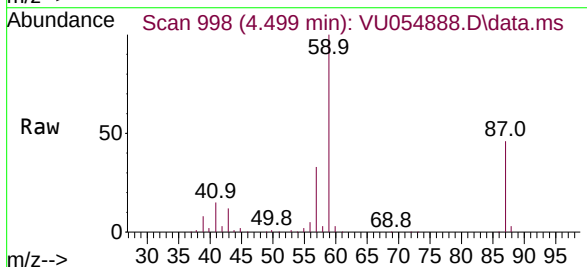
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

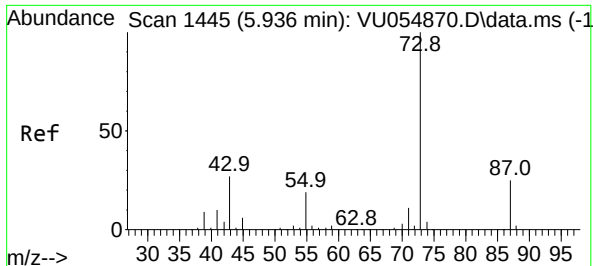
Tgt Ion: 45 Resp: 169010
Ion Ratio Lower Upper
45 100
43 52.3 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 10.118 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 59 Resp: 175215
Ion Ratio Lower Upper
59 100
87 46.2 35.7 53.5

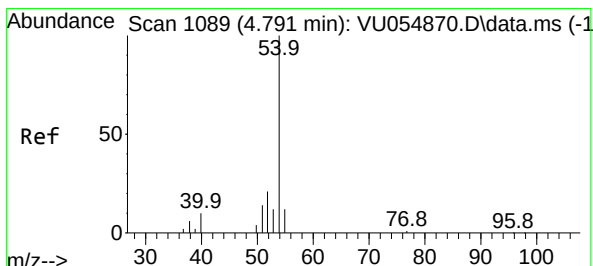
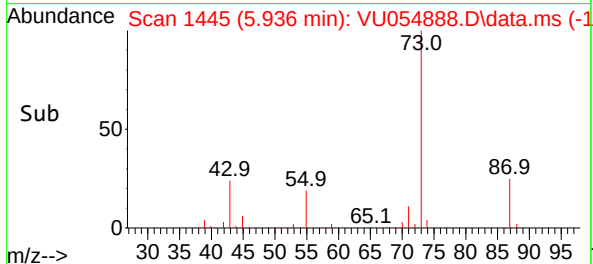
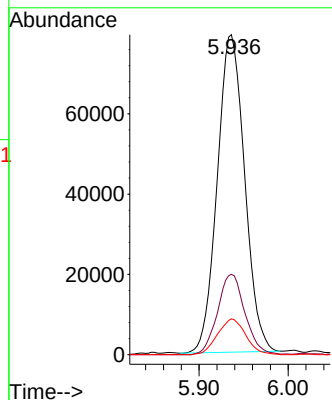
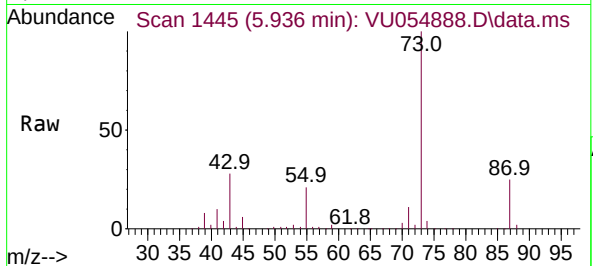




#33
Tert-Amyl methyl ether
Concen: 10.320 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

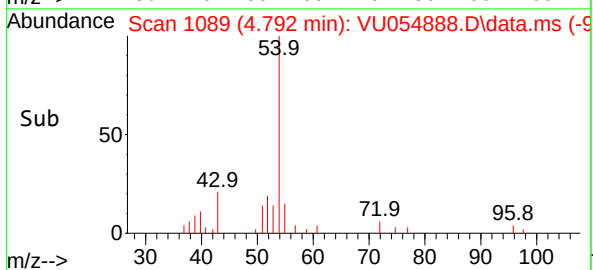
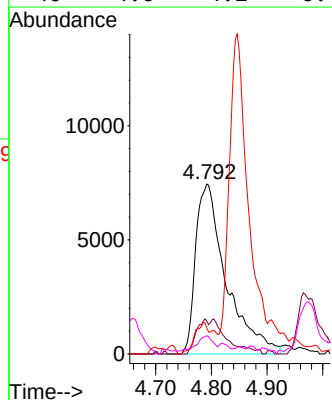
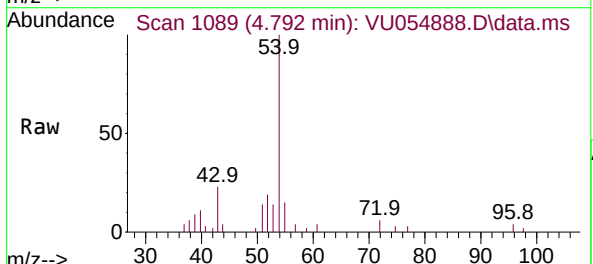
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

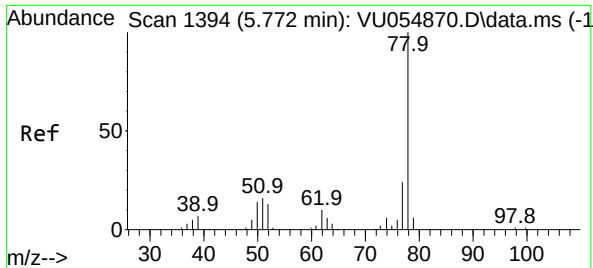
Tgt Ion: 73 Resp: 168965
Ion Ratio Lower Upper
73 100
87 25.0 19.6 29.4
71 11.6 9.1 13.7



#34
Propionitrile
Concen: 66.497 ug/l
RT: 4.792 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 54 Resp: 28388
Ion Ratio Lower Upper
54 100
52 8.1 13.8 20.8#
55 8.5 4.8 7.2#
40 4.6 4.2 6.4

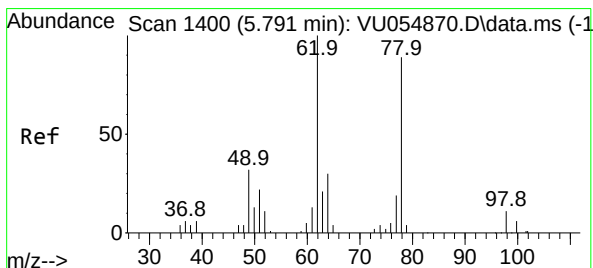
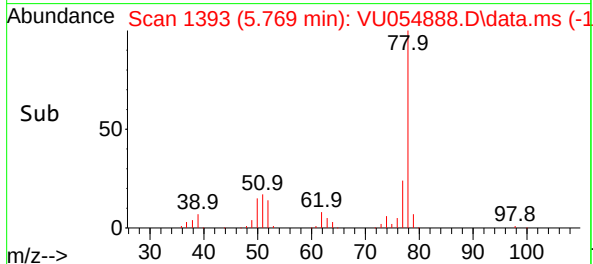
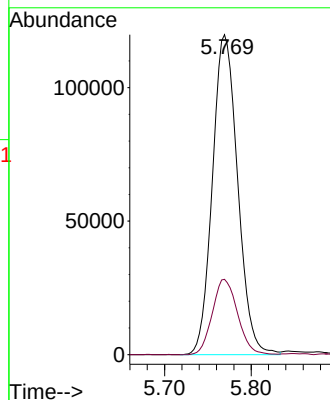
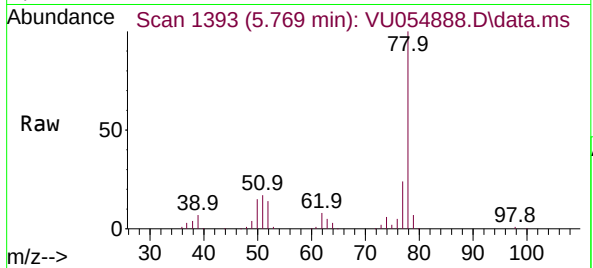




#35
Benzene
Concen: 9.944 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

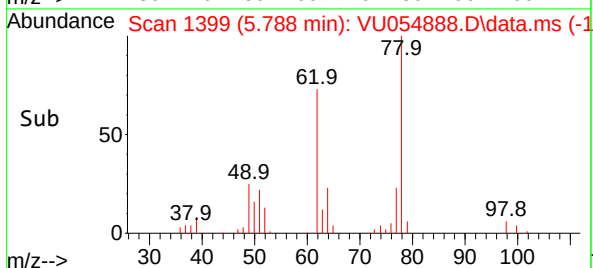
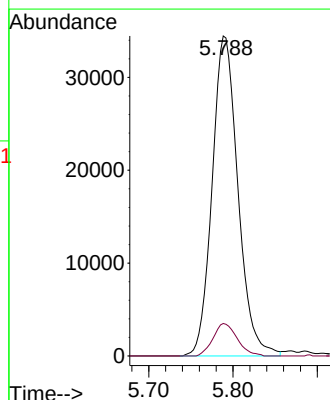
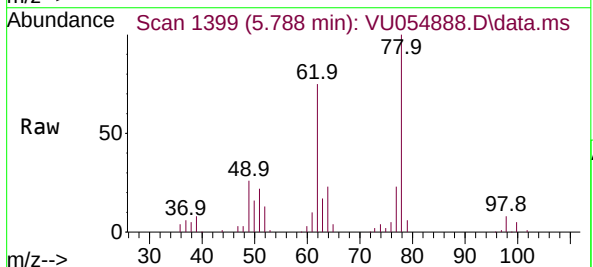
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

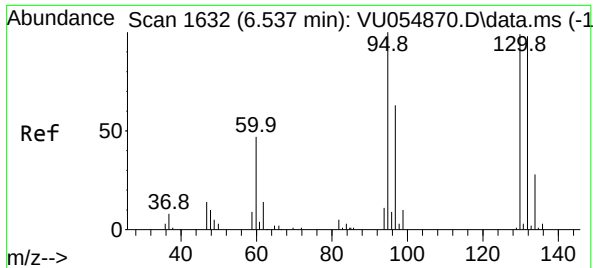
Tgt Ion: 78 Resp: 242754
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.2



#36
1,2-Dichloroethane
Concen: 10.561 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 62 Resp: 73347
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8

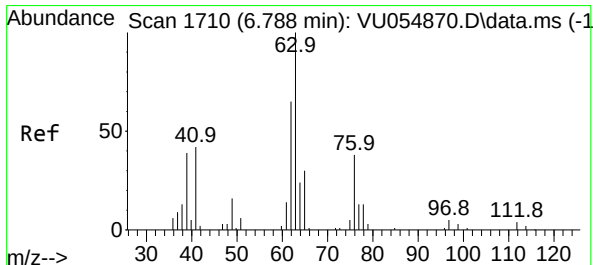
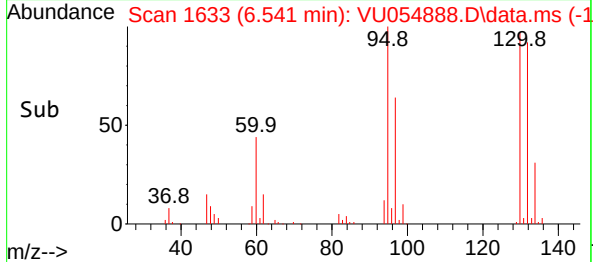
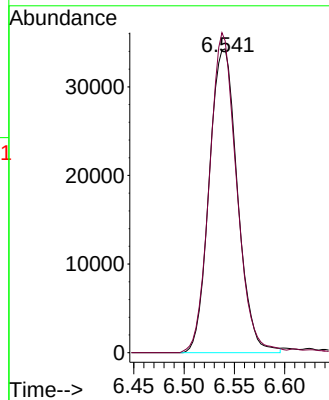
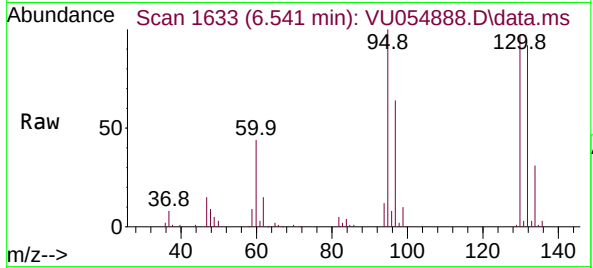




#37
Trichloroethene
Concen: 10.189 ug/l
RT: 6.541 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

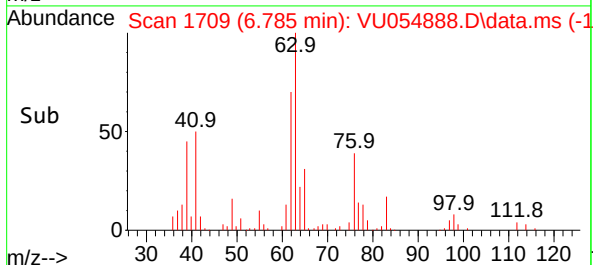
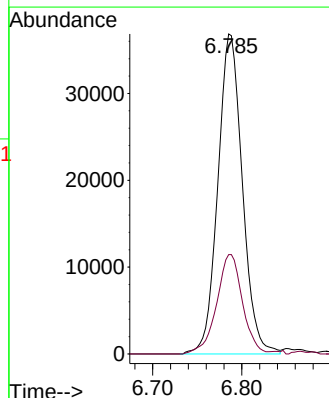
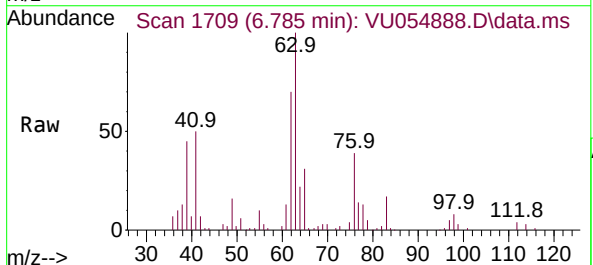
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

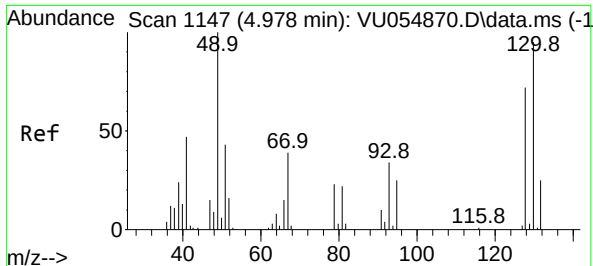
Tgt Ion:130 Resp: 66899
Ion Ratio Lower Upper
130 100
95 102.6 76.8 115.2



#38
1,2-Dichloropropane
Concen: 10.218 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 63 Resp: 70514
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5





#39

Methacrylonitrile

Concen: 11.200 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 19169

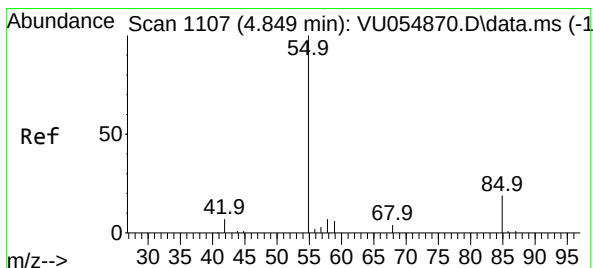
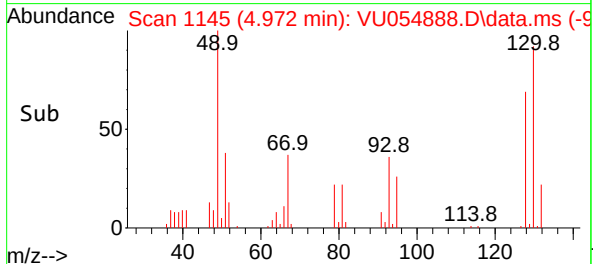
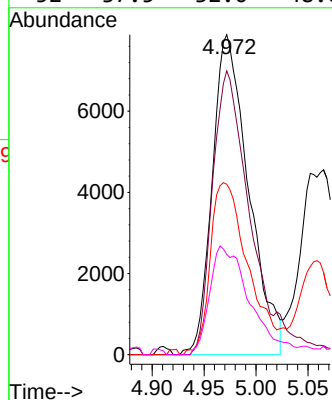
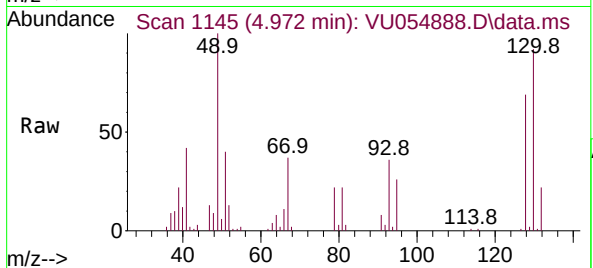
Ion Ratio Lower Upper

41 100

67 94.2 77.0 115.4

39 56.3 50.4 75.6

52 37.5 32.0 48.0



#40

Methyl acrylate

Concen: 10.800 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Tgt Ion: 55 Resp: 29391

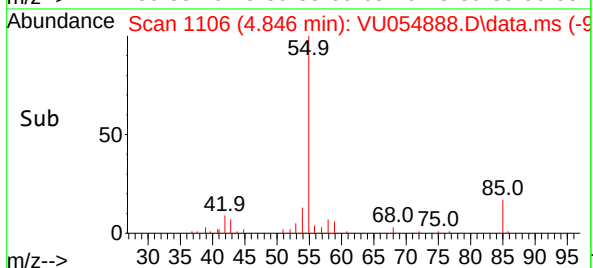
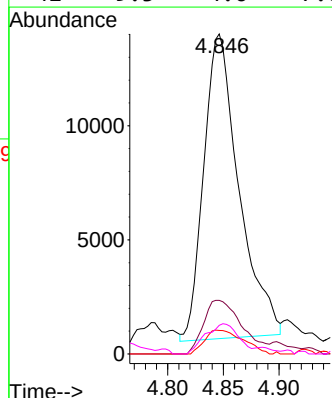
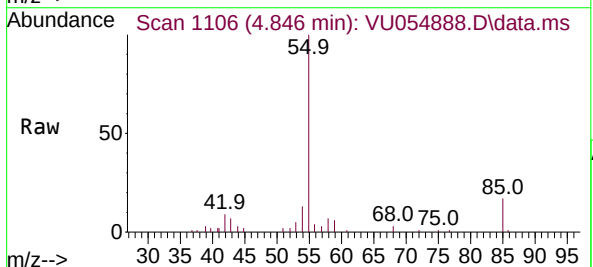
Ion Ratio Lower Upper

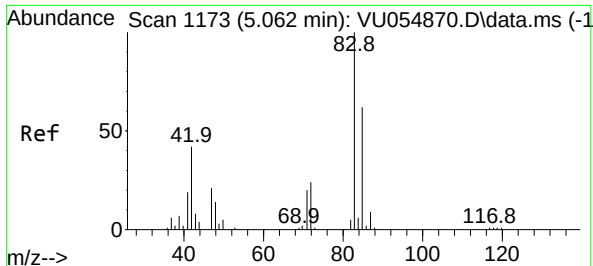
55 100

85 19.2 13.0 19.6

58 8.5 5.7 8.5

42 9.3 4.6 7.0#





#41

Tetrahydrofuran

Concen: 20.693 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

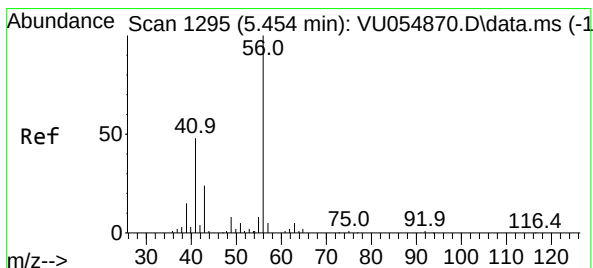
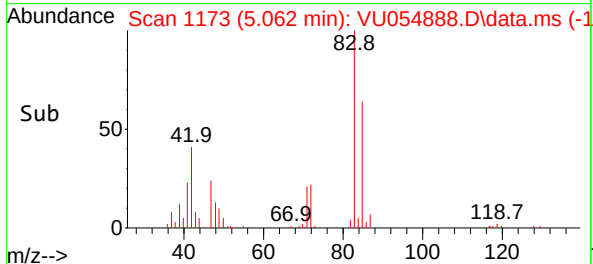
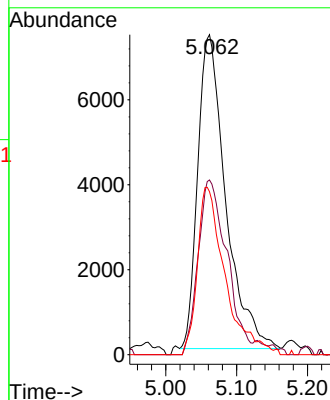
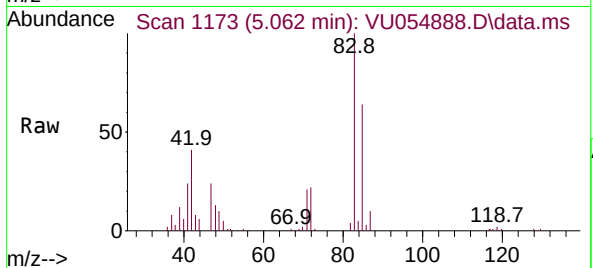
Tgt Ion: 42 Resp: 20250

Ion Ratio Lower Upper

42 100

72 57.2 42.1 63.1

71 52.8 39.7 59.5



#42

1-Chlorobutane

Concen: 9.507 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VU054888.D

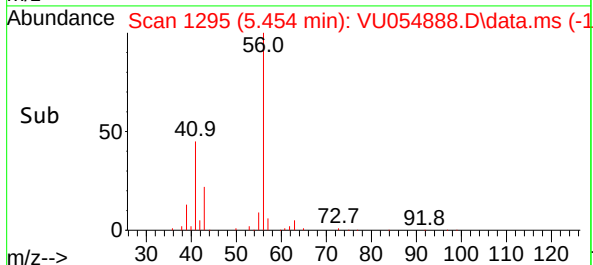
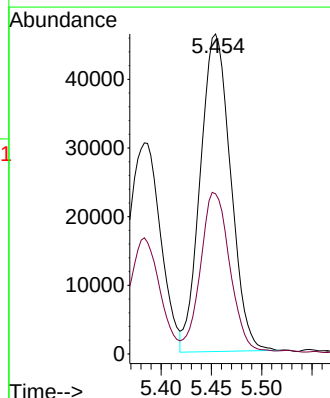
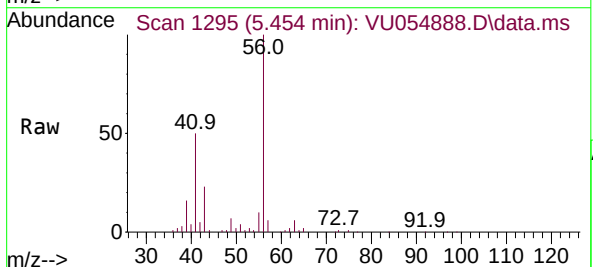
Acq: 26 Jul 2023 20:10

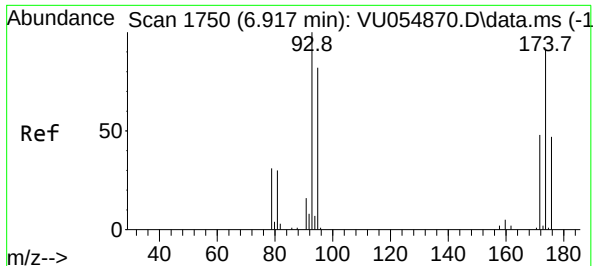
Tgt Ion: 56 Resp: 97048

Ion Ratio Lower Upper

56 100

41 48.4 23.9 71.7

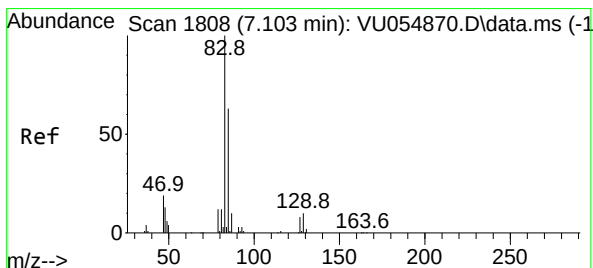
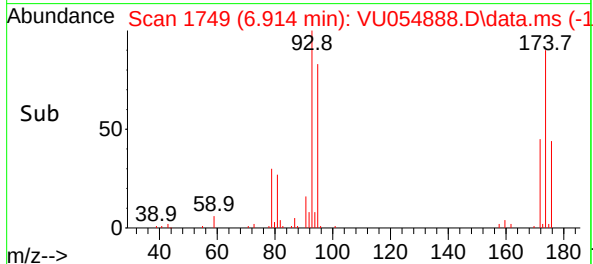
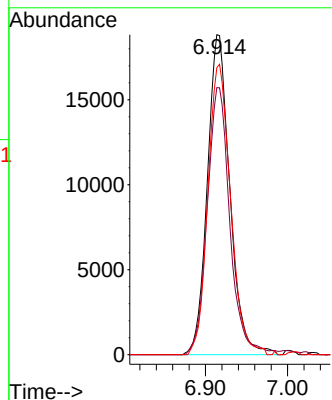
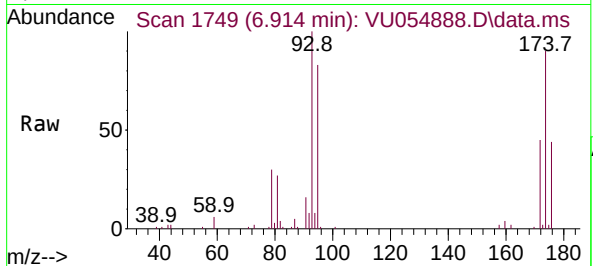




#43
Dibromomethane
Concen: 11.047 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

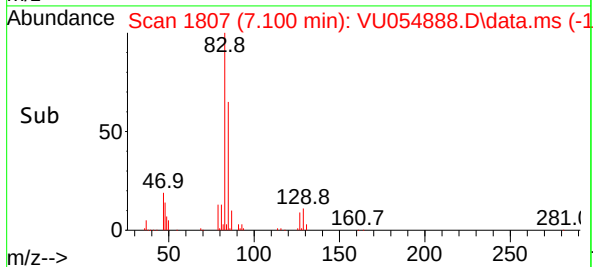
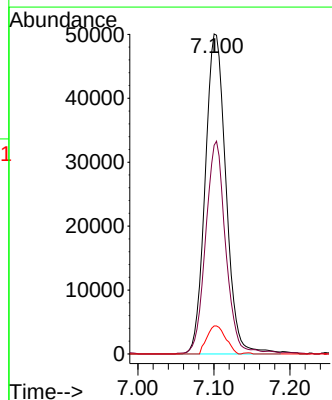
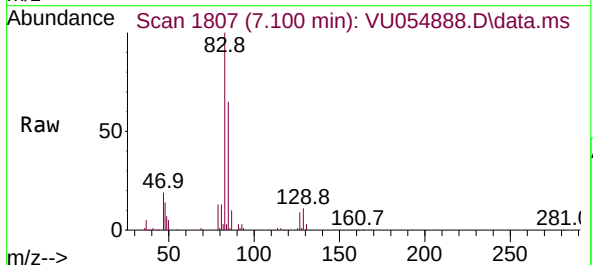
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

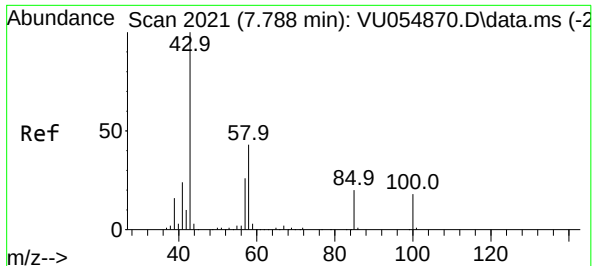
Tgt Ion: 93 Resp: 35808
Ion Ratio Lower Upper
93 100
95 83.8 64.7 97.1
174 91.8 74.4 111.6



#44
Bromodichloromethane
Concen: 10.522 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 83 Resp: 95031
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.2
127 8.7 6.1 9.1





#45

4-Methyl-2-Pentanone

Concen: 58.261 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

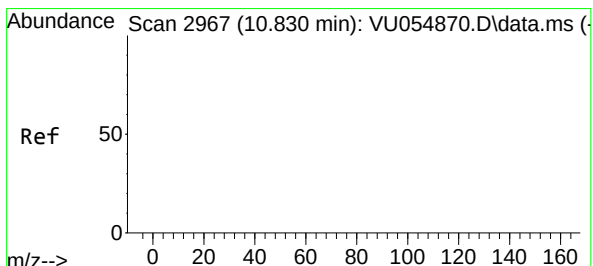
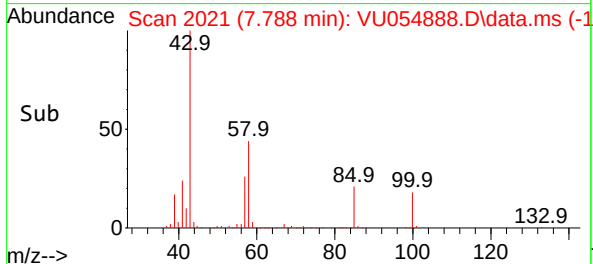
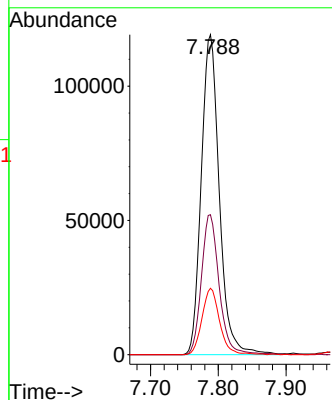
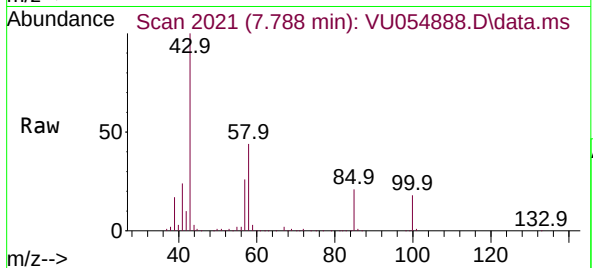
Tgt Ion: 43 Resp: 220357

Ion Ratio Lower Upper

43 100

58 42.9 21.3 63.7

85 20.3 15.3 22.9



#46

t-1,4-Dichloro-2-butene

Concen: 56.562 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. -0.009 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Tgt Ion: 75 Resp: 86079

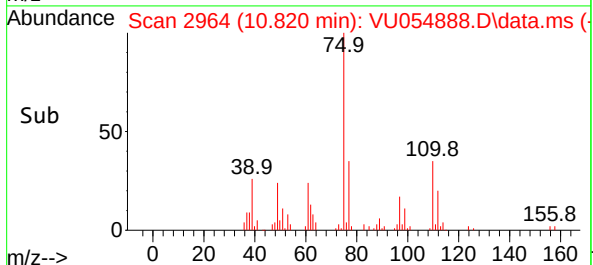
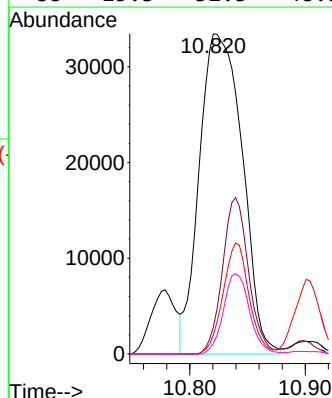
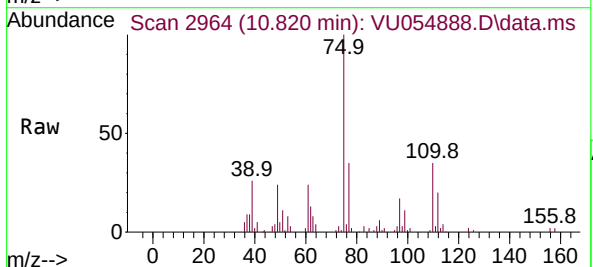
Ion Ratio Lower Upper

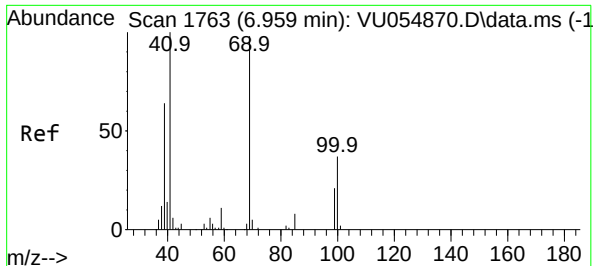
75 100

53 29.9 62.9 94.3#

89 21.2 47.8 71.8#

88 15.3 32.3 48.5#

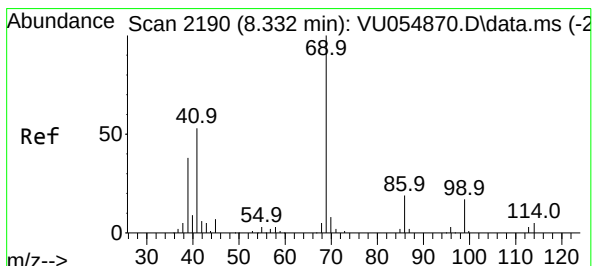
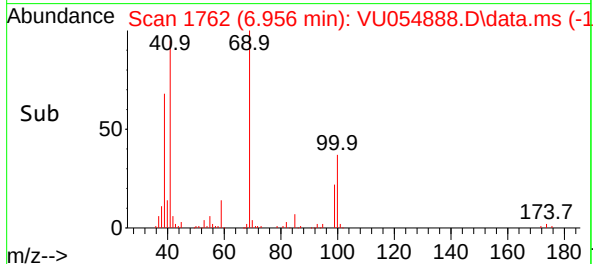
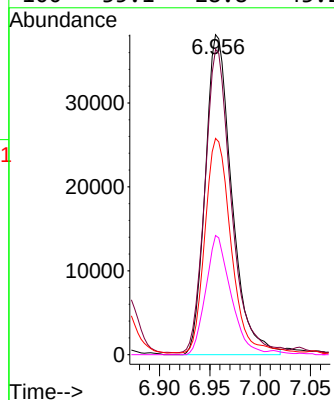
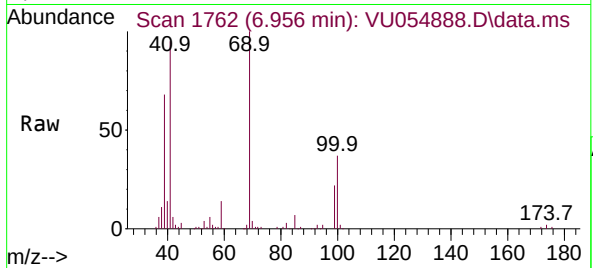




#47
Methyl methacrylate
Concen: 23.550 ug/l
RT: 6.956 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

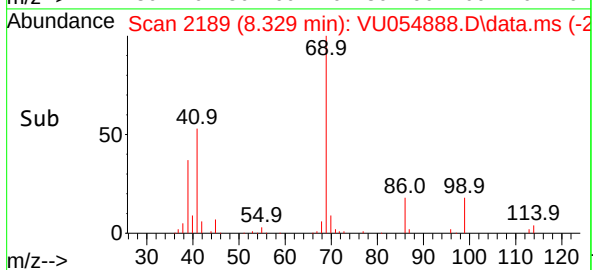
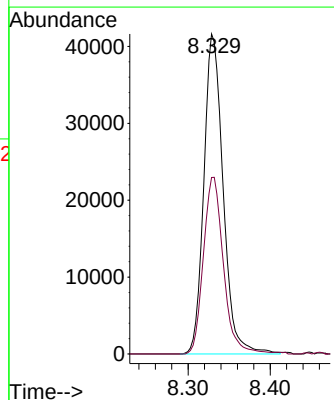
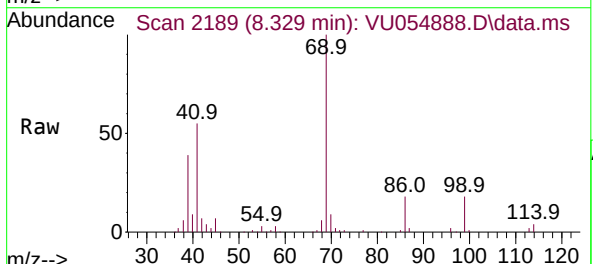
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

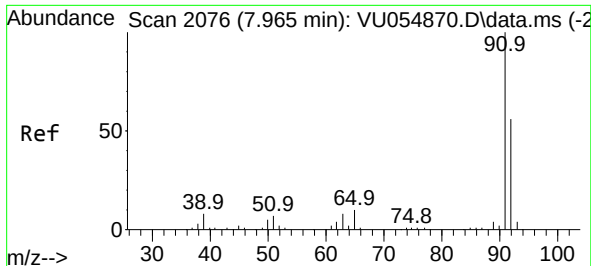
Tgt Ion: 69 Resp: 69790
Ion Ratio Lower Upper
69 100
41 94.6 0.0 193.0
39 66.3 50.4 75.6
100 35.1 28.8 43.2



#48
Ethyl methacrylate
Concen: 11.357 ug/l
RT: 8.329 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 69 Resp: 68073
Ion Ratio Lower Upper
69 100
41 57.2 28.8 86.5





#49

Toluene

Concen: 10.386 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

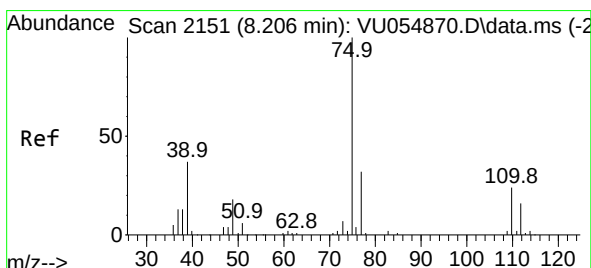
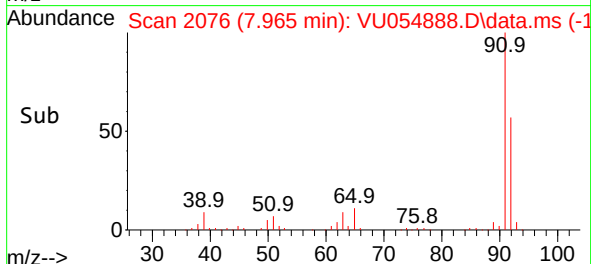
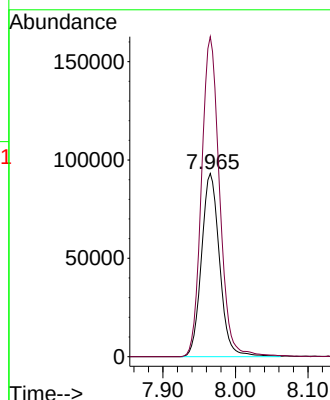
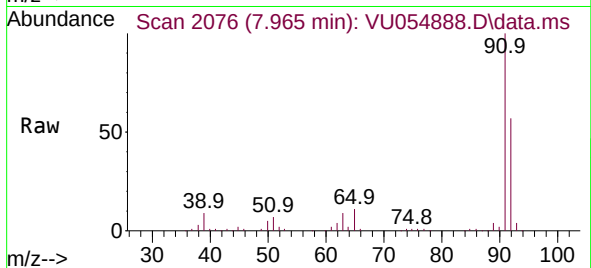
VSTDCCC010EC

Tgt Ion: 92 Resp: 161525

Ion Ratio Lower Upper

92 100

91 174.6 142.9 214.3



#50

t-1,3-Dichloropropene

Concen: 10.712 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054888.D

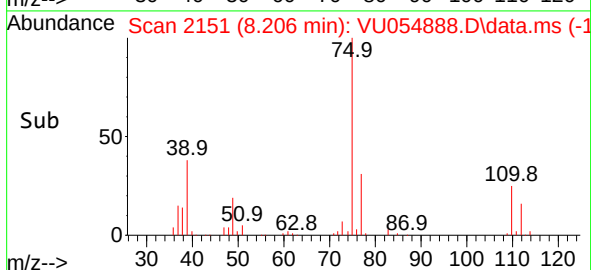
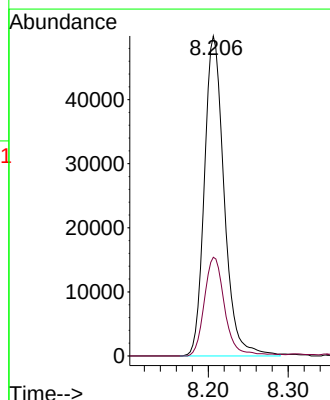
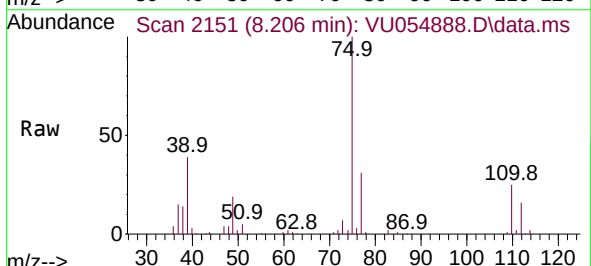
Acq: 26 Jul 2023 20:10

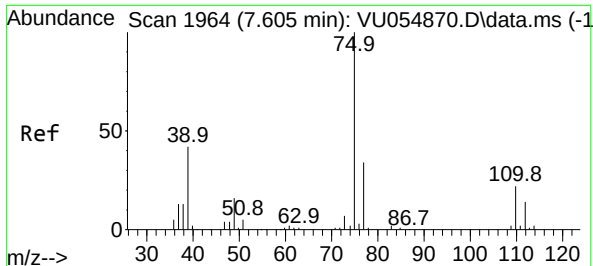
Tgt Ion: 75 Resp: 85892

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 10.301 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

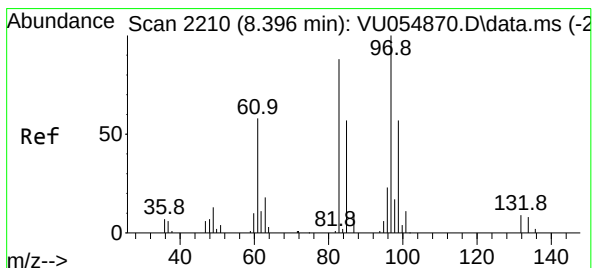
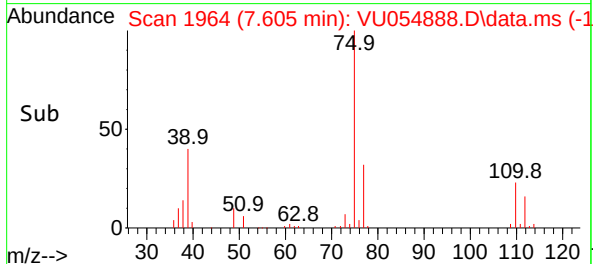
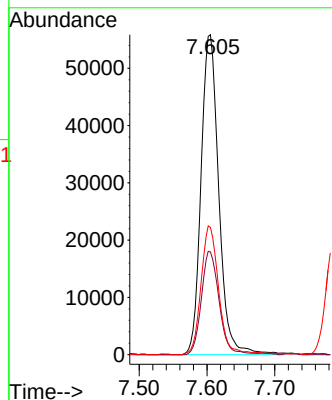
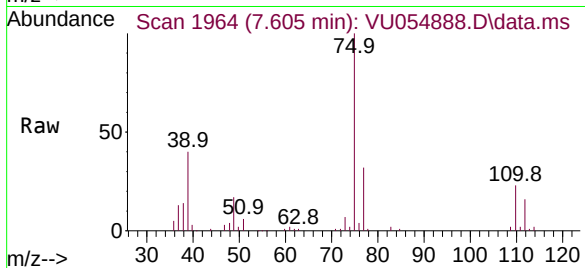
Tgt Ion: 75 Resp: 101526

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

39 39.6 31.7 47.5



#52

1,1,2-Trichloroethane

Concen: 10.548 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Tgt Ion: 97 Resp: 54204

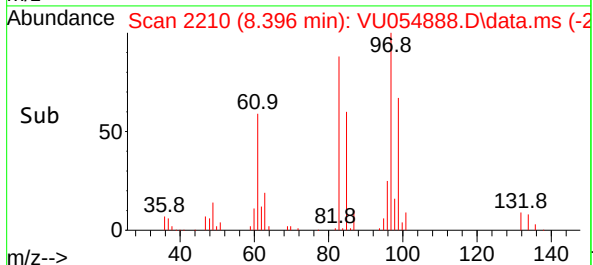
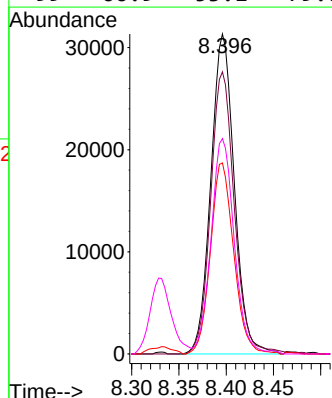
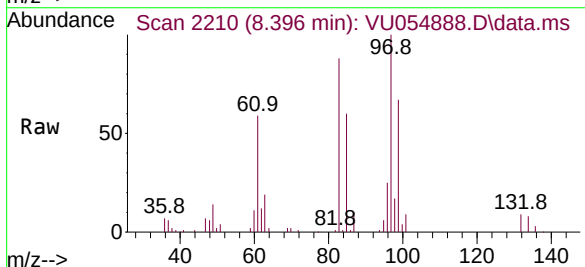
Ion Ratio Lower Upper

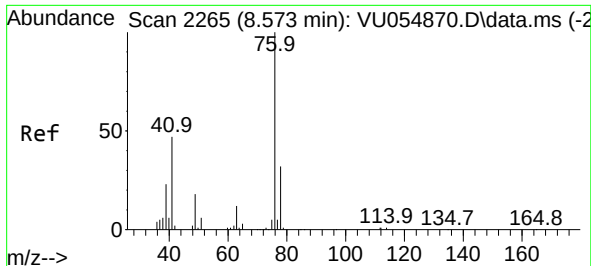
97 100

83 88.2 77.4 116.2

85 59.7 47.8 71.8

99 66.9 53.1 79.7





#53

1,3-Dichloropropane

Concen: 11.221 ug/l

RT: 8.570 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

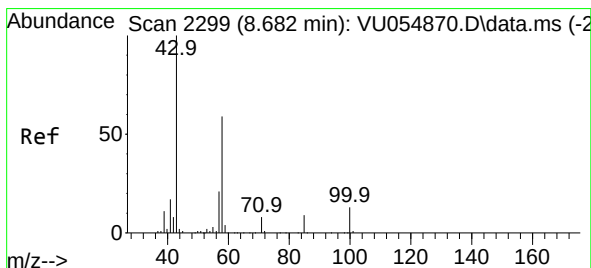
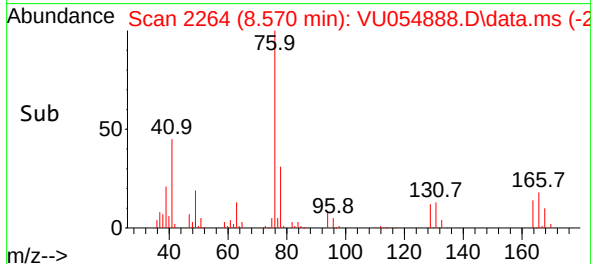
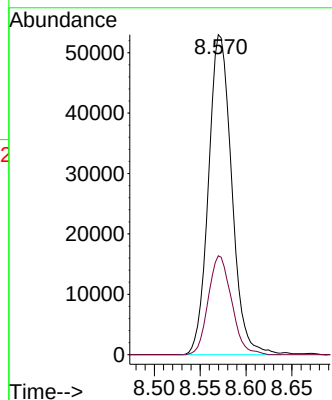
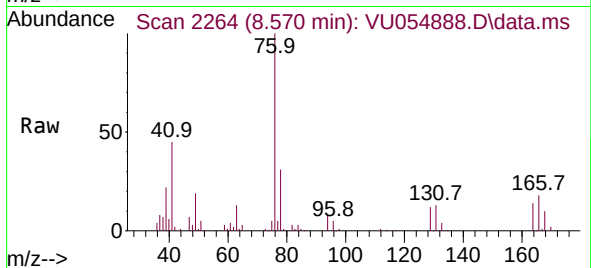
VSTDCCC010EC

Tgt Ion: 76 Resp: 93276

Ion Ratio Lower Upper

76 100

78 30.9 24.6 36.8



#54

2-Hexanone

Concen: 55.730 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

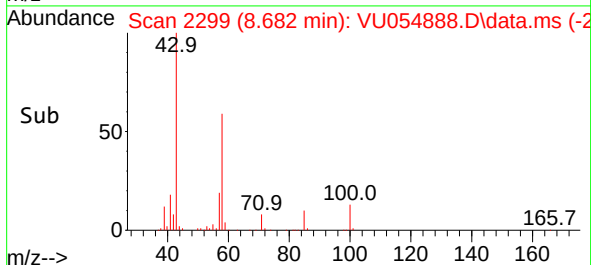
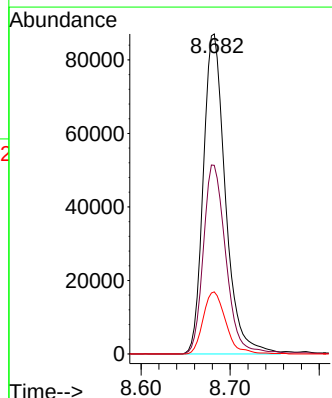
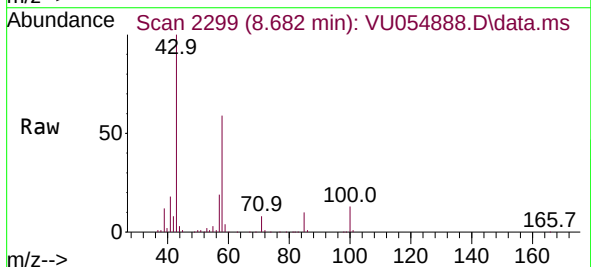
Tgt Ion: 43 Resp: 149780

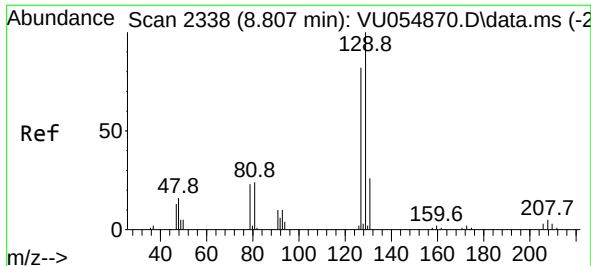
Ion Ratio Lower Upper

43 100

58 60.3 38.9 78.9

57 19.9 0.0 38.7

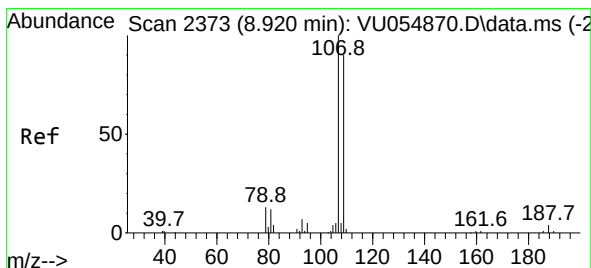
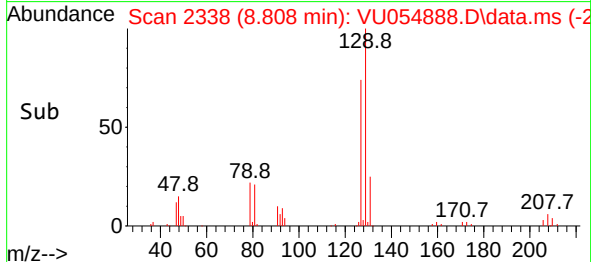
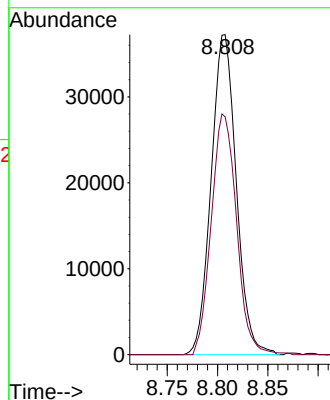
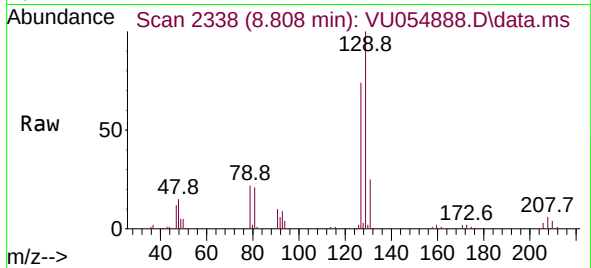




#55
Dibromochloromethane
Concen: 11.012 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

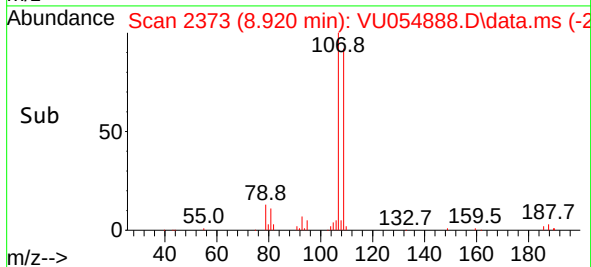
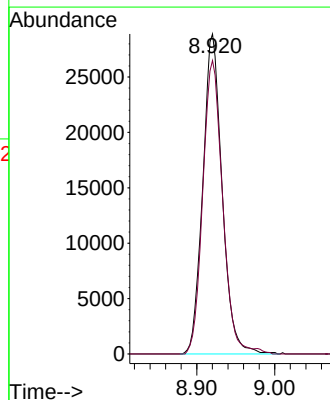
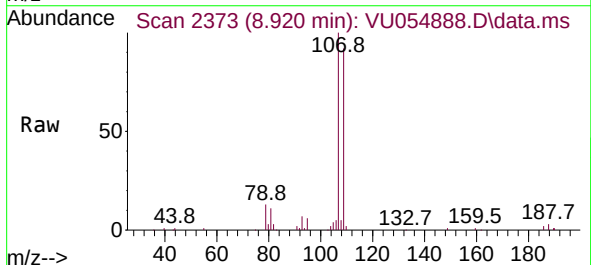
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

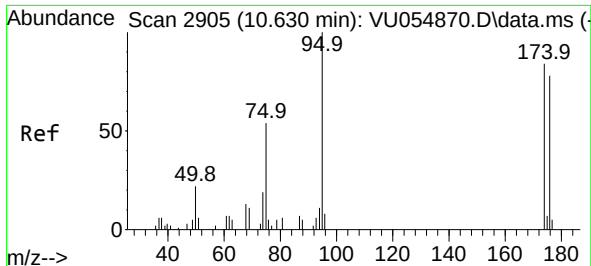
Tgt Ion:129 Resp: 64836
Ion Ratio Lower Upper
129 100
127 75.6 61.4 92.0



#56
1,2-Dibromoethane
Concen: 11.427 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:107 Resp: 49763
Ion Ratio Lower Upper
107 100
109 94.4 0.0 185.4

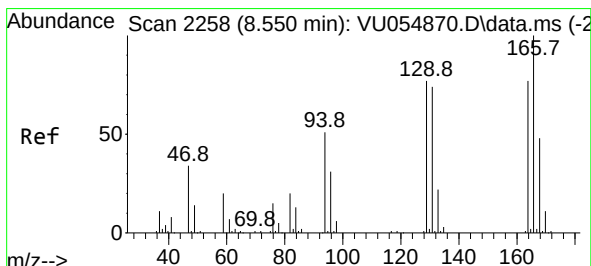
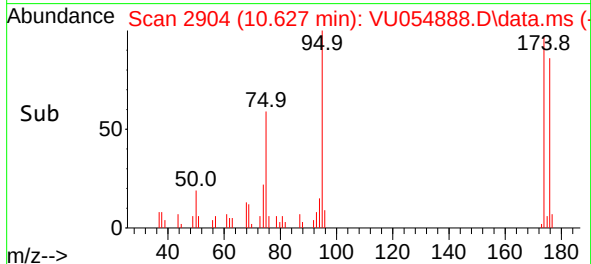
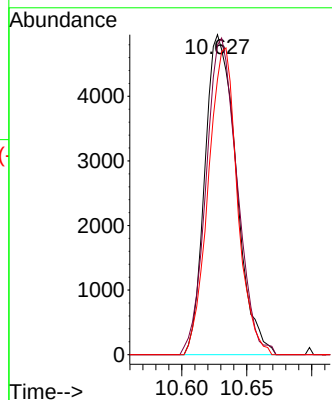
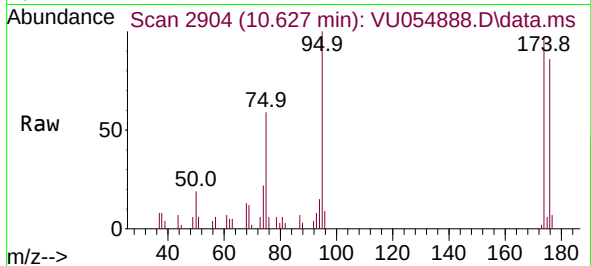




#57
4-Bromofluorobenzene
Concen: 1.014 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

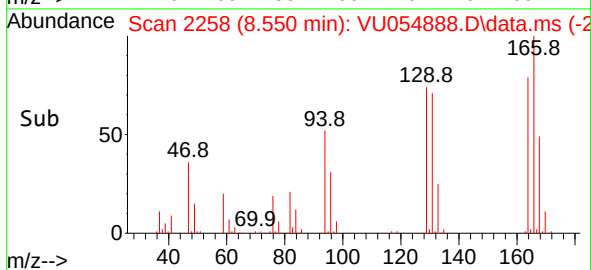
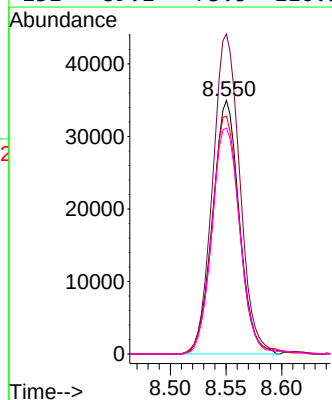
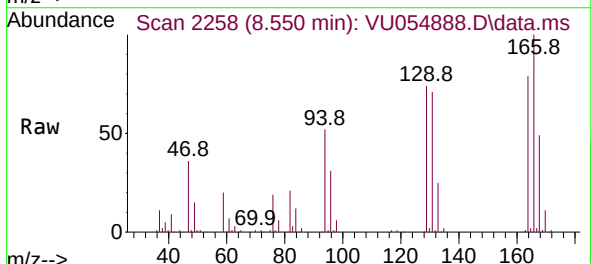
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

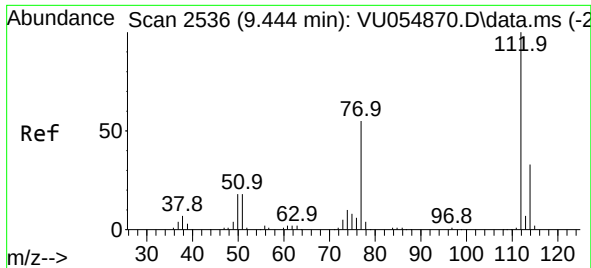
Tgt Ion: 95 Resp: 8331
Ion Ratio Lower Upper
95 100
174 97.5 79.3 118.9
176 88.6 71.5 107.3



#58
Tetrachloroethene
Concen: 10.187 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 164 Resp: 58386
Ion Ratio Lower Upper
164 100
166 126.2 100.4 150.6
129 93.8 71.9 107.9
131 89.1 73.5 110.3

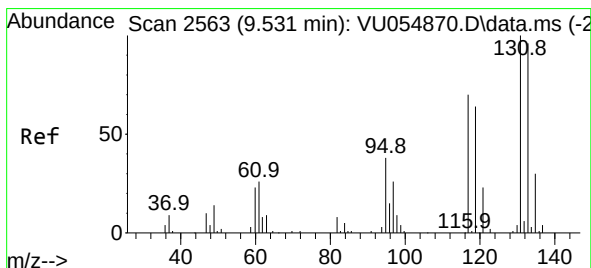
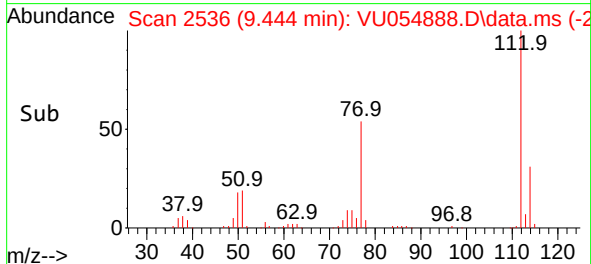
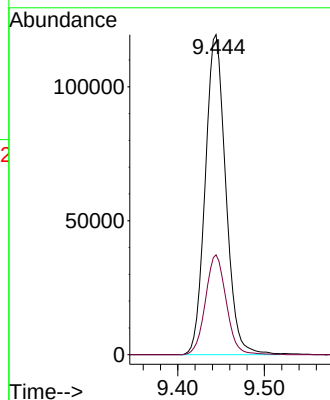
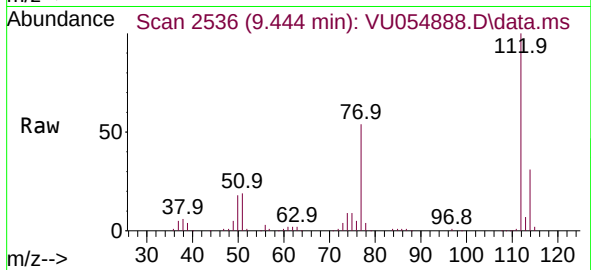




#59
Chlorobenzene
Concen: 10.410 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

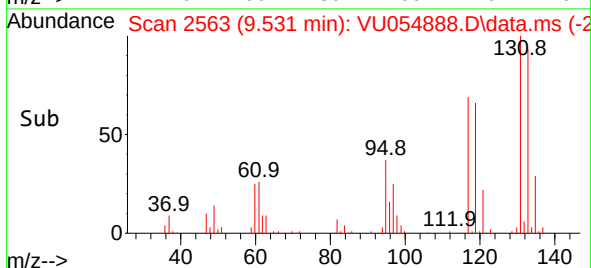
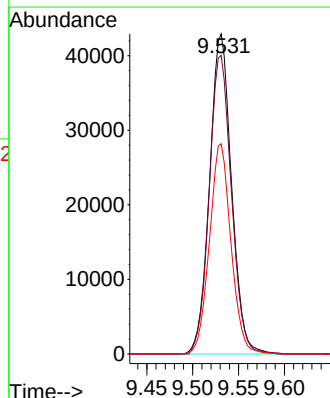
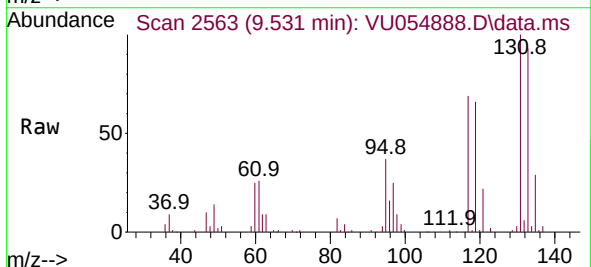
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

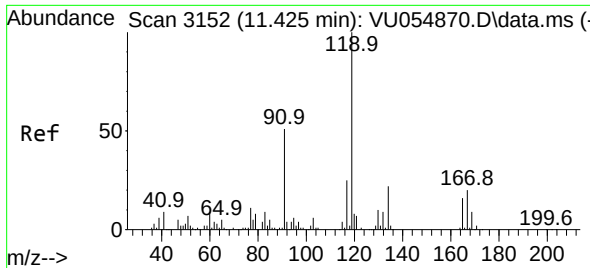
Tgt Ion:112 Resp: 196453
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#60
1,1,1,2-Tetrachloroethane
Concen: 10.744 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:131 Resp: 71587
Ion Ratio Lower Upper
131 100
133 94.1 74.2 111.4
119 64.3 51.0 76.4

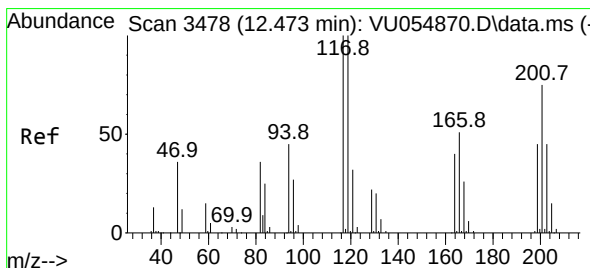
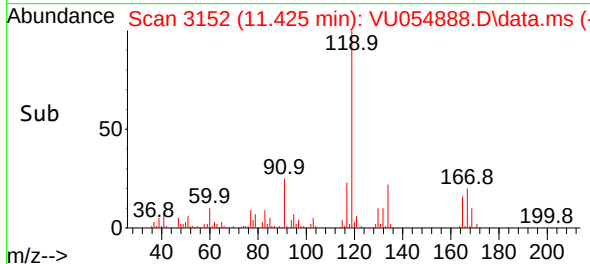
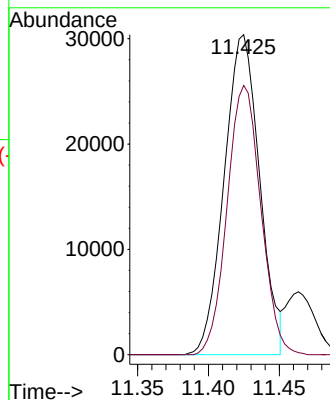
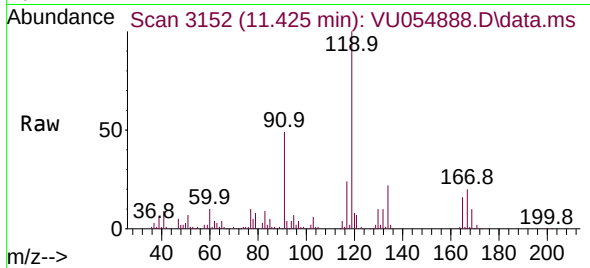




#61
Pentachloroethane
Concen: 10.174 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

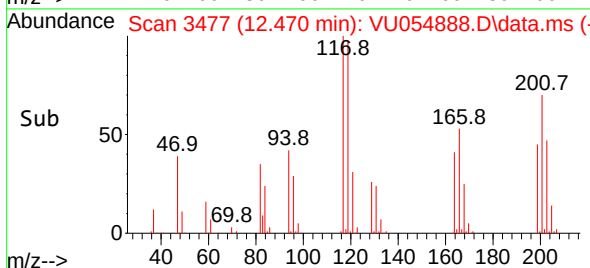
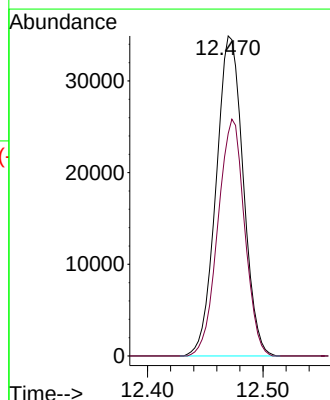
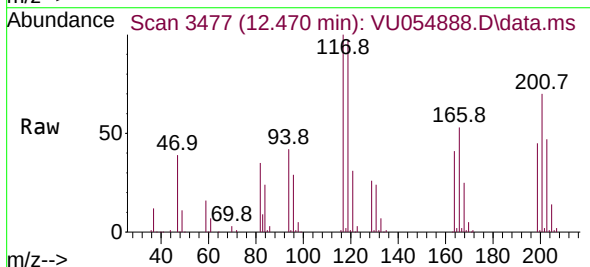
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

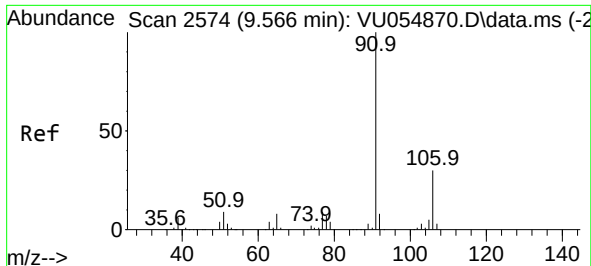
Tgt Ion:117 Resp: 52961
Ion Ratio Lower Upper
117 100
167 79.9 65.3 97.9



#62
Hexachloroethane
Concen: 10.645 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:117 Resp: 56982
Ion Ratio Lower Upper
117 100
201 72.8 56.1 84.1

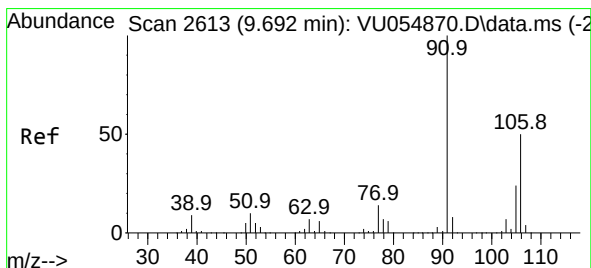
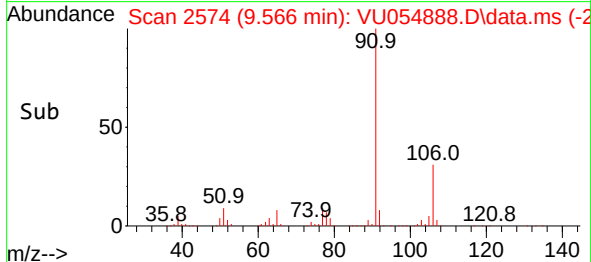
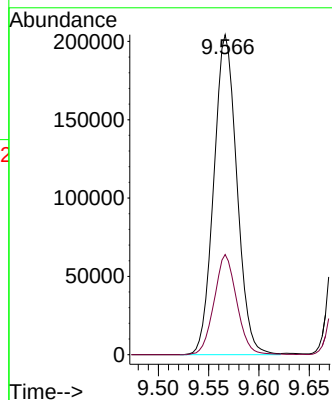
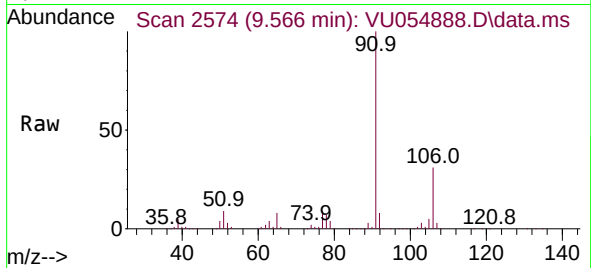




#63
Ethyl Benzene
Concen: 10.293 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

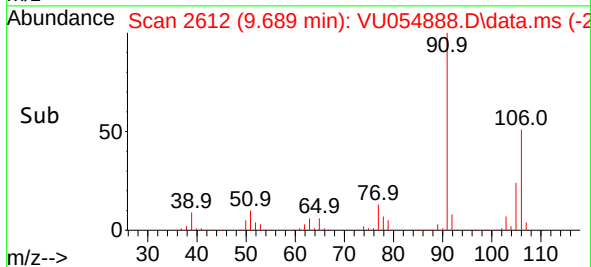
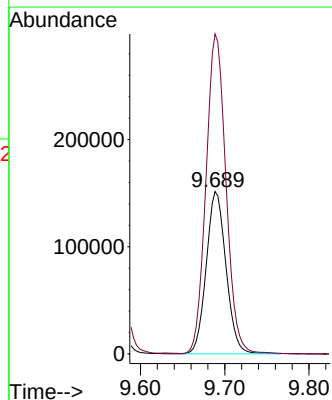
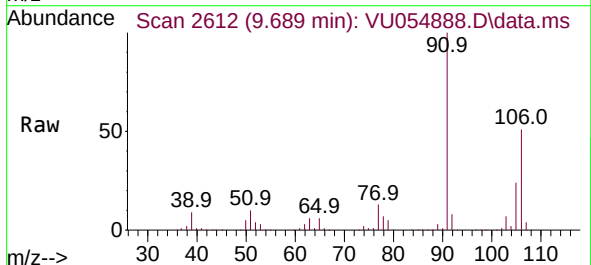
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

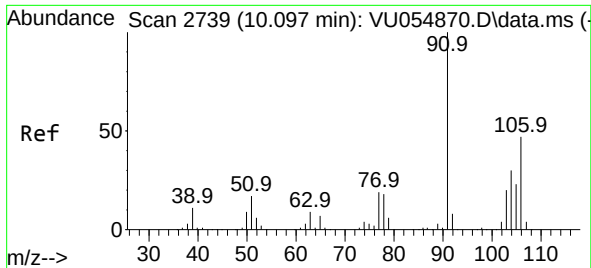
Tgt Ion: 91 Resp: 325951
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2



#64
m/p-Xylenes
Concen: 20.846 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 106 Resp: 246986
Ion Ratio Lower Upper
106 100
91 199.1 158.8 238.2

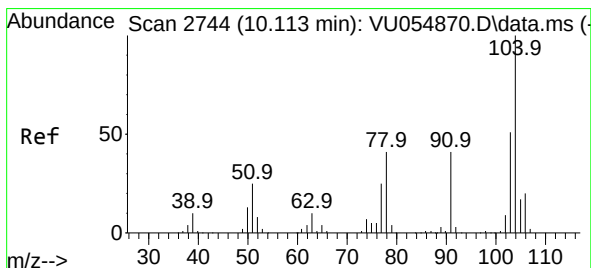
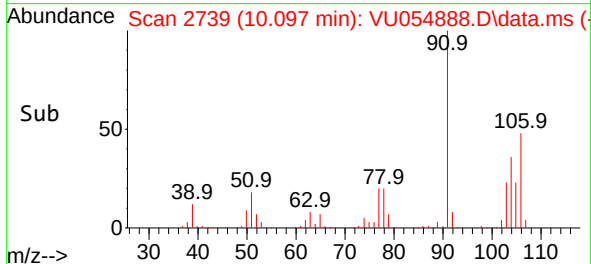
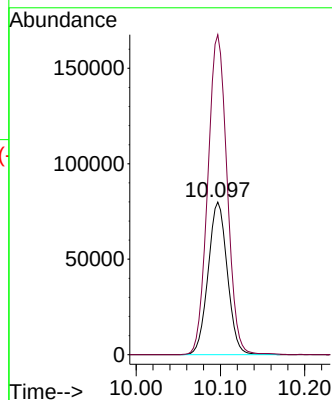
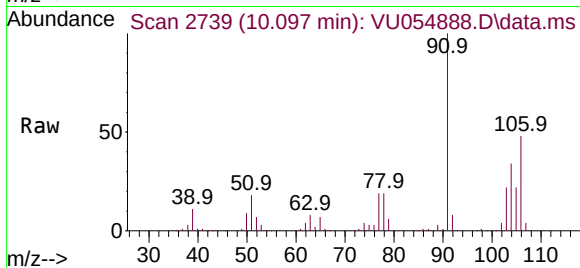




#65
o-Xylene
Concen: 10.420 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

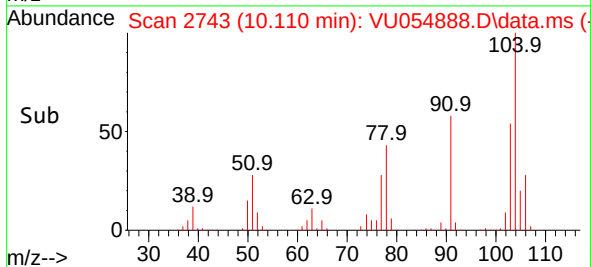
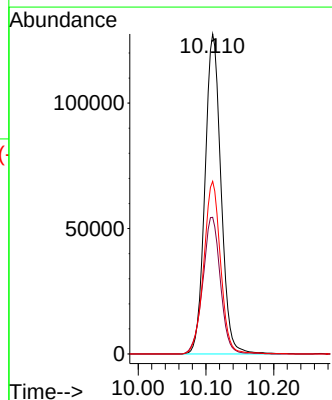
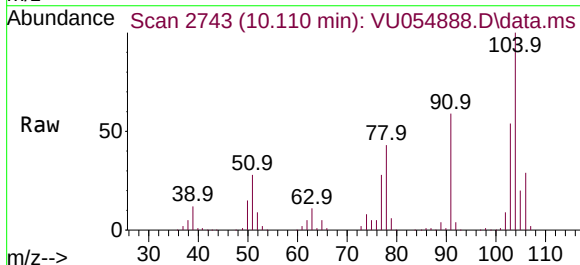
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

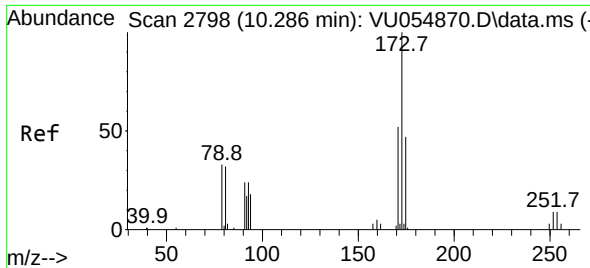
Tgt Ion:106 Resp: 126810
Ion Ratio Lower Upper
106 100
91 210.4 108.9 326.8



#66
Styrene
Concen: 10.775 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:104 Resp: 209652
Ion Ratio Lower Upper
104 100
78 46.5 37.5 56.3
103 56.4 45.2 67.8

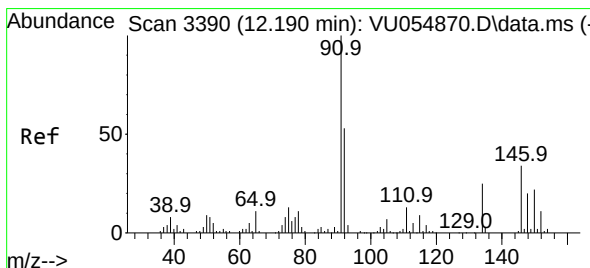
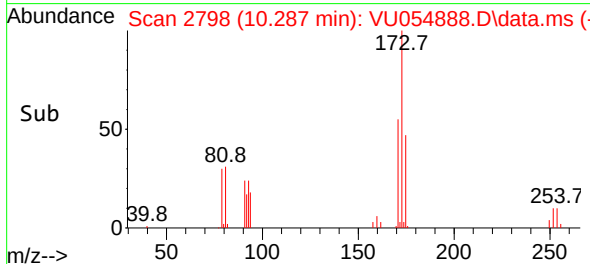
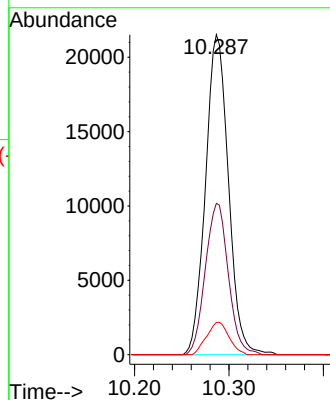
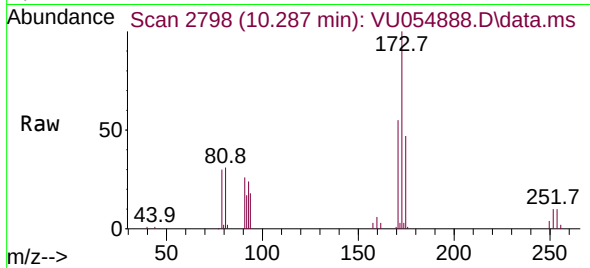




#67
Bromoform
Concen: 11.871 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

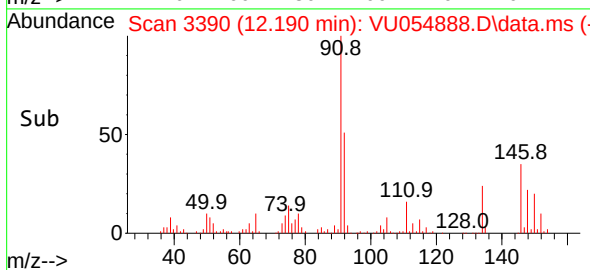
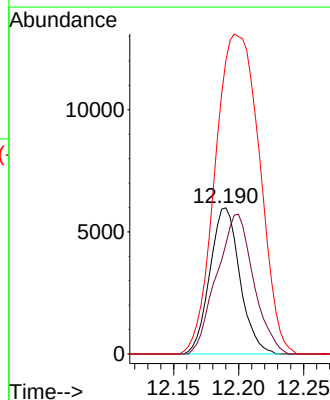
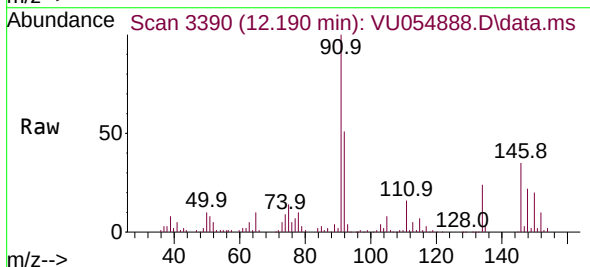
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

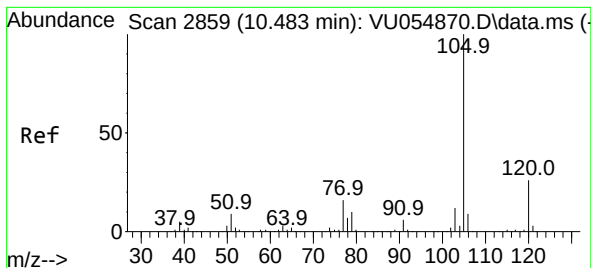
Tgt Ion:173 Resp: 36245
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.6
254 9.9 7.4 11.0



#68
1,2-Dichlorobenzene-d4
Concen: 1.035 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:152 Resp: 9612
Ion Ratio Lower Upper
152 100
115 117.0 0.0 234.8
150 323.8 0.0 598.2





#69

Isopropylbenzene

Concen: 10.421 ug/l

RT: 10.480 min Scan# 2859

Delta R.T. -0.003 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

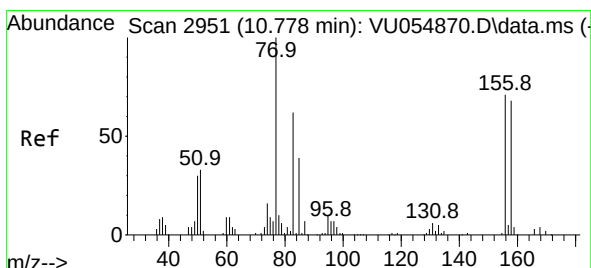
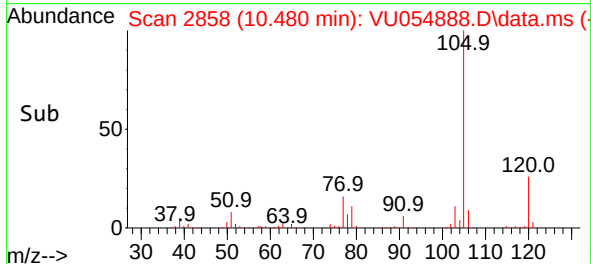
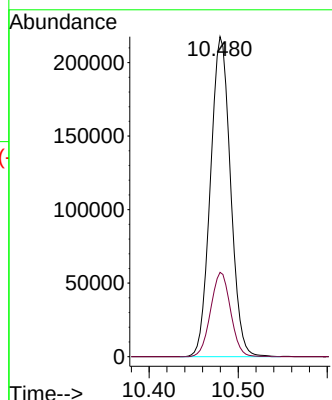
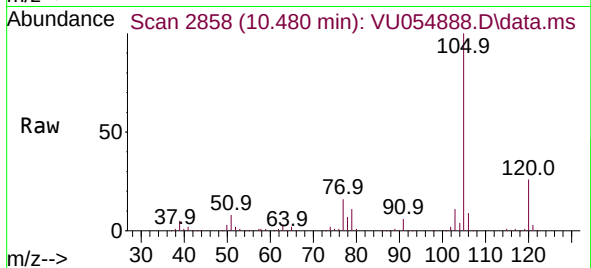
VSTDCCC010EC

Tgt Ion:105 Resp: 340454

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 11.291 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

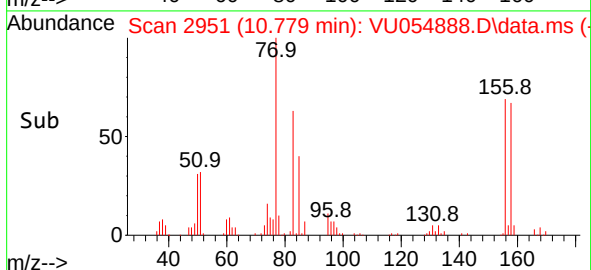
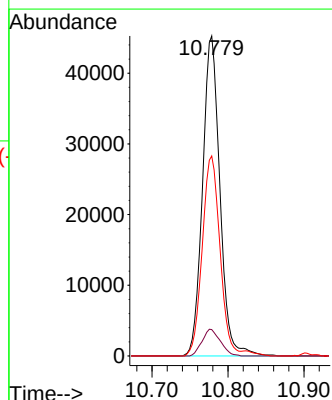
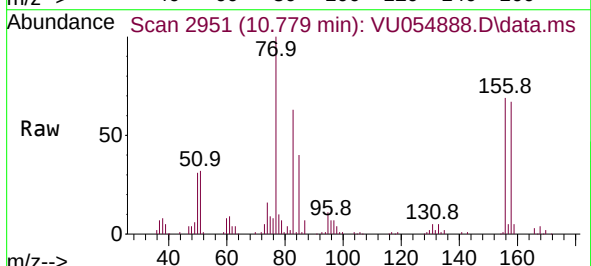
Tgt Ion: 83 Resp: 71821

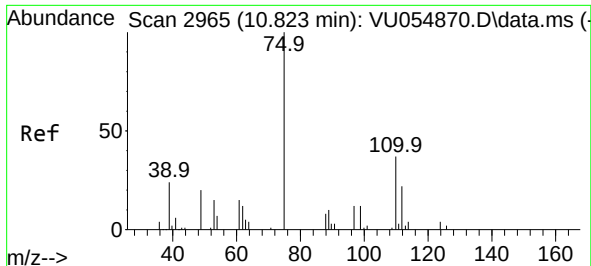
Ion Ratio Lower Upper

83 100

131 8.8 7.5 11.3

85 63.6 53.0 79.6

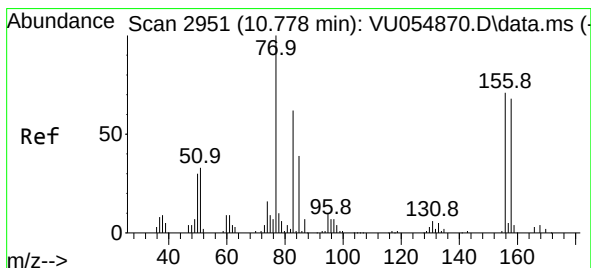
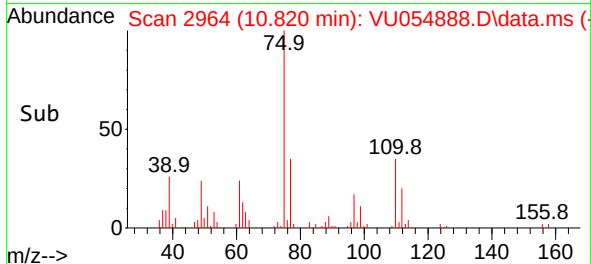
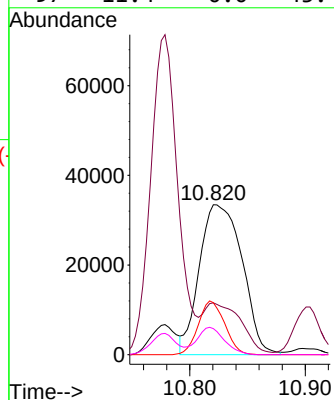
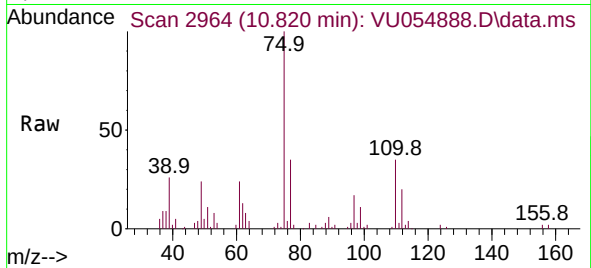




#71
1,2,3-Trichloropropane
Concen: 18.999 ug/l
RT: 10.820 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

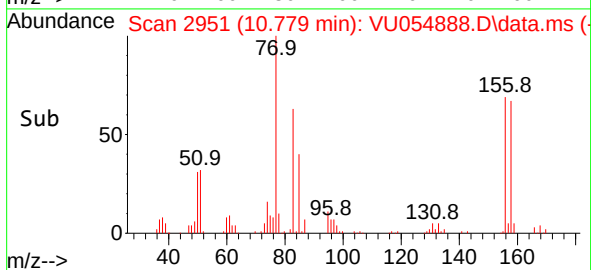
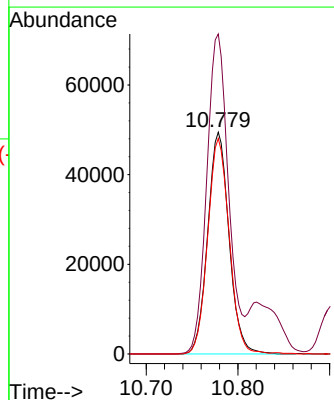
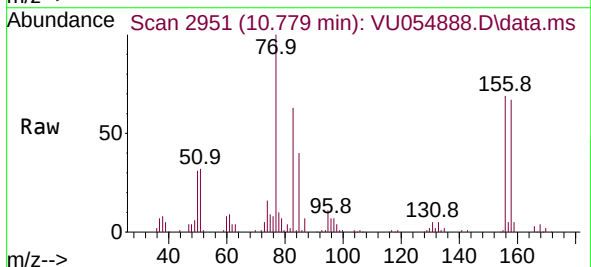
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

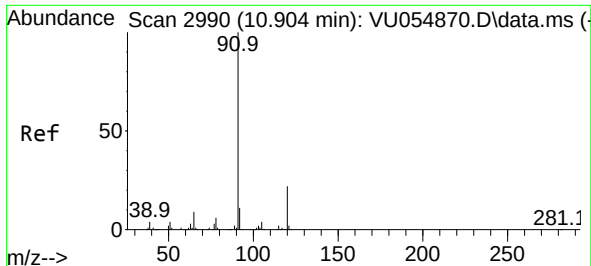
Tgt Ion: 75 Resp: 86079
Ion Ratio Lower Upper
75 100
77 28.5 0.0 0.0#
110 22.1 0.0 80.8
97 11.4 0.0 43.4



#72
Bromobenzene
Concen: 11.005 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 156 Resp: 80055
Ion Ratio Lower Upper
156 100
77 147.1 0.0 293.2
158 97.5 0.0 189.8

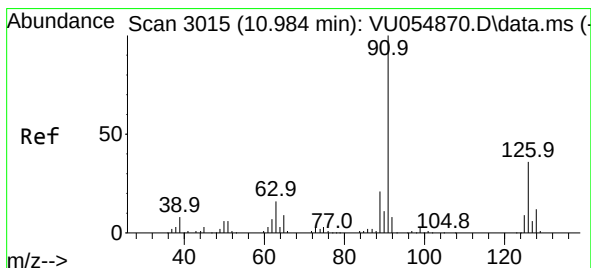
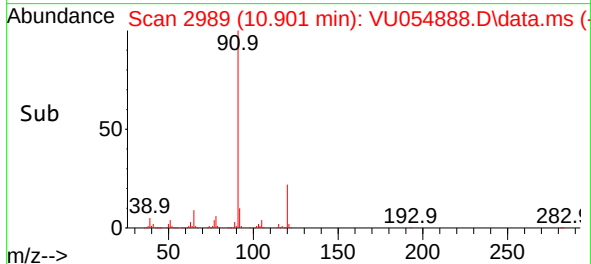
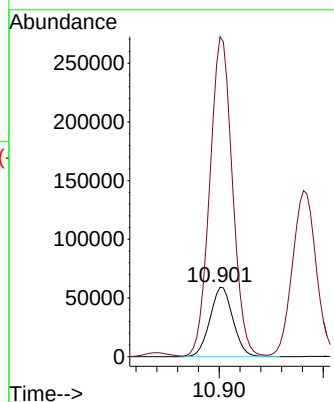
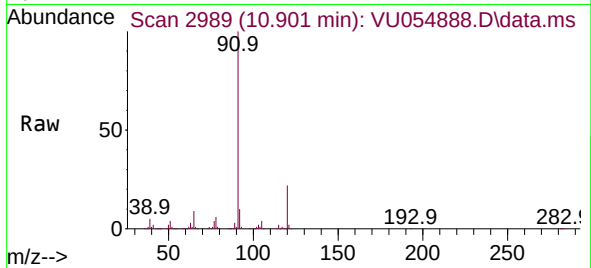




#73
n-propylbenzene
Concen: 10.372 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

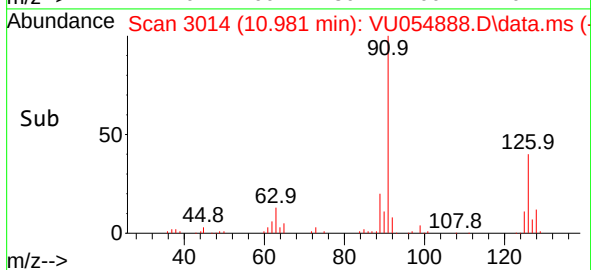
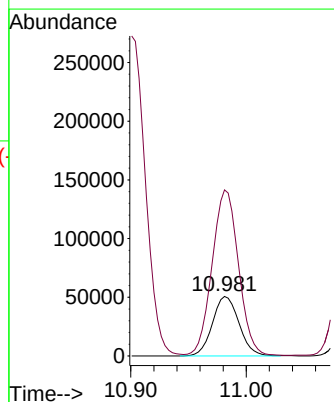
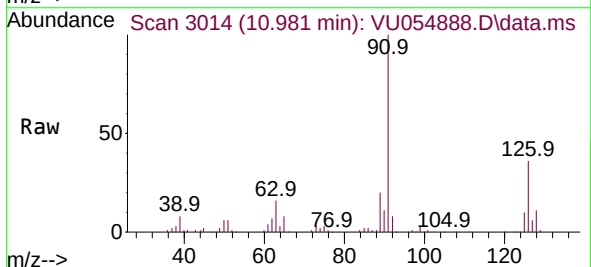
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

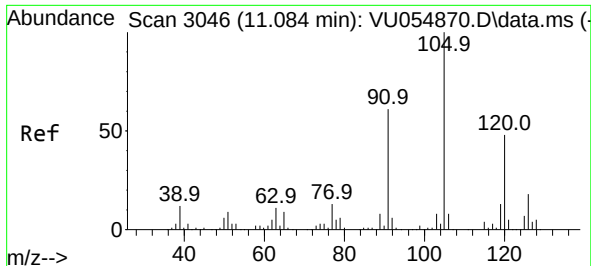
Tgt Ion:120 Resp: 90689
Ion Ratio Lower Upper
120 100
91 453.1 361.8 542.6



#74
2-Chlorotoluene
Concen: 10.684 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:126 Resp: 80871
Ion Ratio Lower Upper
126 100
91 276.7 0.0 561.4

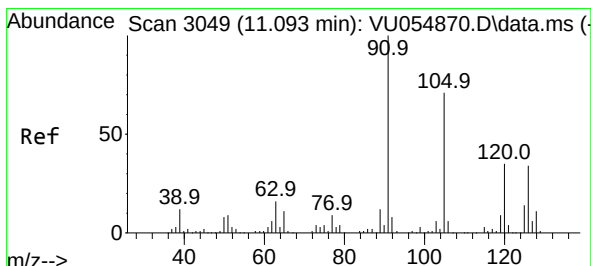
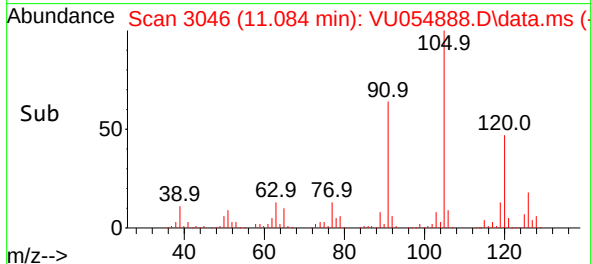
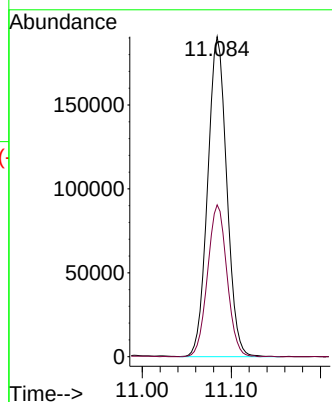
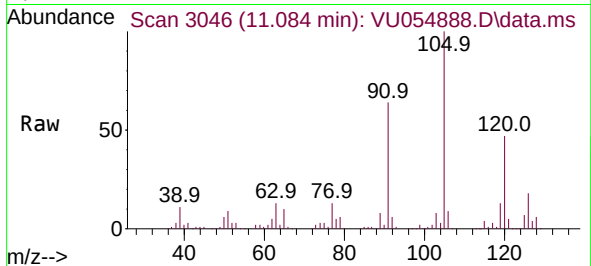




#75
1,3,5-Trimethylbenzene
Concen: 10.705 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

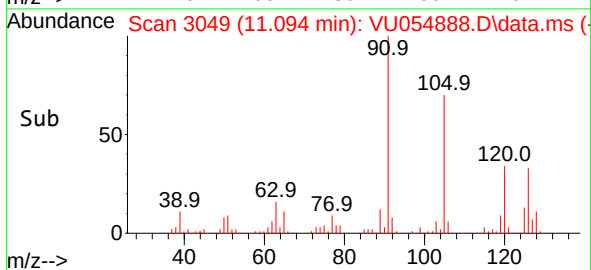
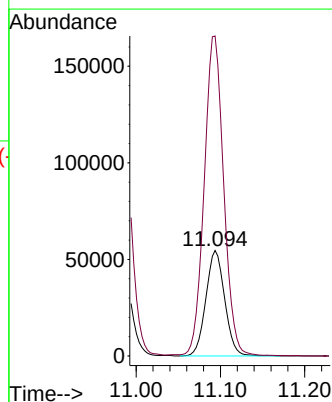
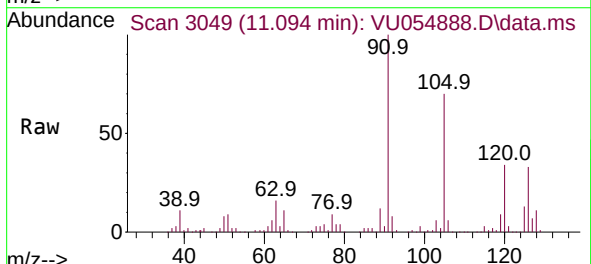
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

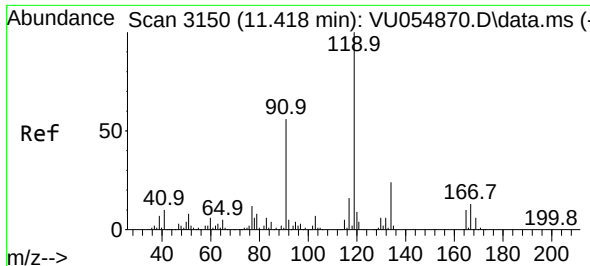
Tgt Ion:105 Resp: 283222
Ion Ratio Lower Upper
105 100
120 48.2 39.0 58.4



#76
4-Chlorotoluene
Concen: 10.786 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:126 Resp: 84821
Ion Ratio Lower Upper
126 100
91 315.2 0.0 623.4

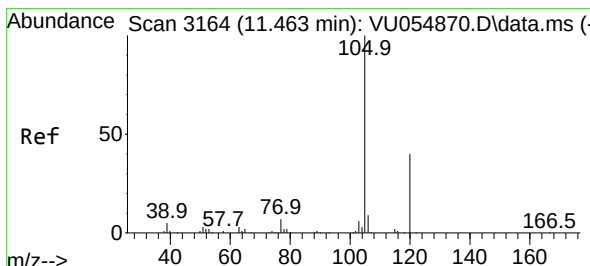
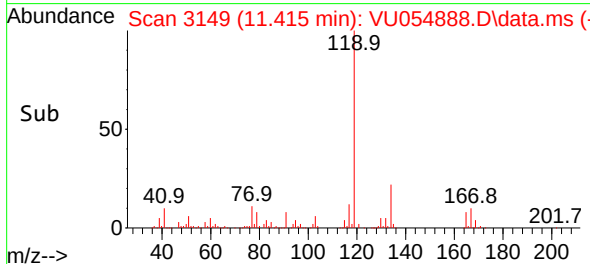
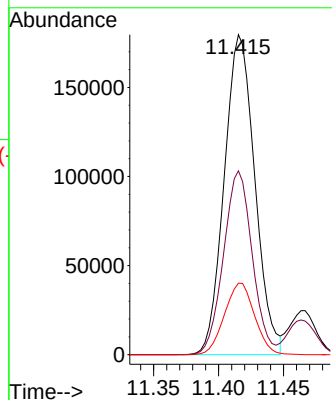
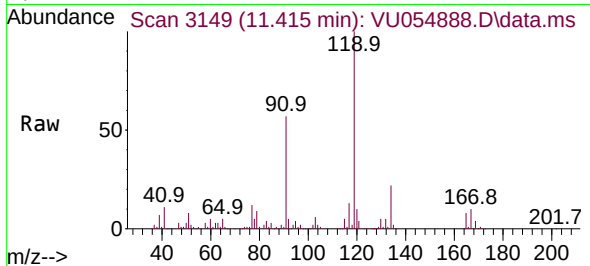




#77
tert-Butylbenzene
Concen: 10.699 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

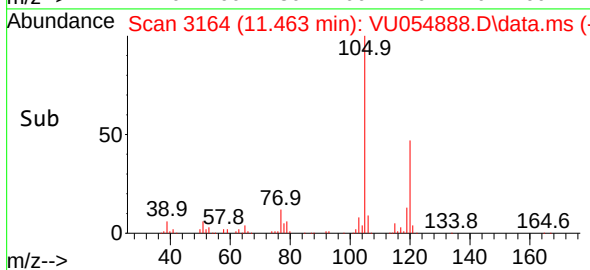
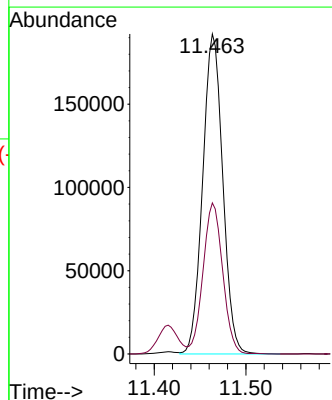
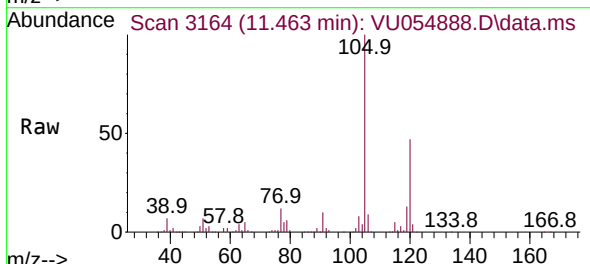
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

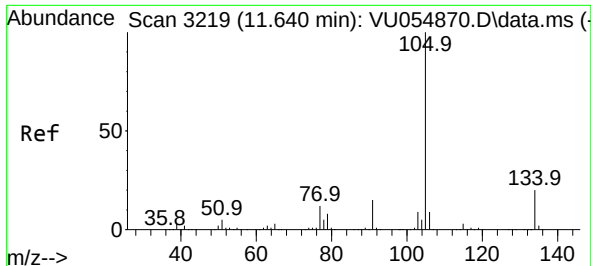
Tgt Ion:119 Resp: 294393
Ion Ratio Lower Upper
119 100
91 54.0 27.7 83.1
134 22.0 18.6 27.8



#78
1,2,4-Trimethylbenzene
Concen: 10.793 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:105 Resp: 292343
Ion Ratio Lower Upper
105 100
120 46.4 22.4 67.3

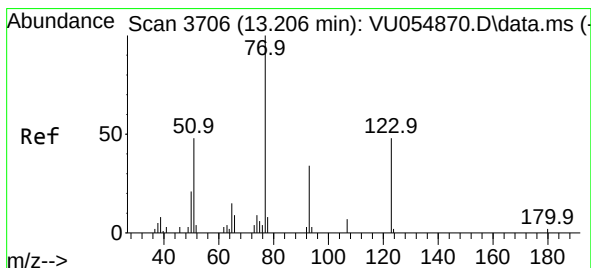
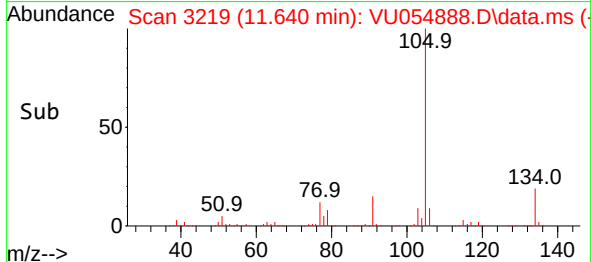
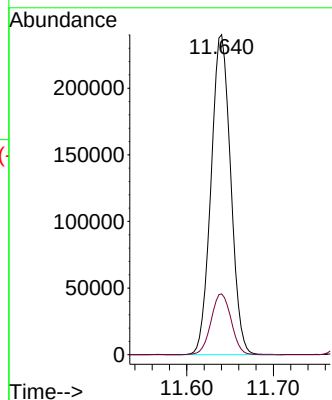
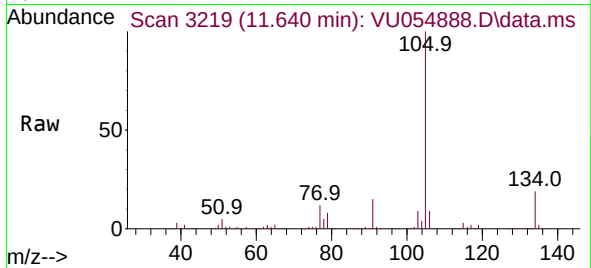




#79
 sec-Butylbenzene
 Concen: 10.572 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054888.D
 Acq: 26 Jul 2023 20:10

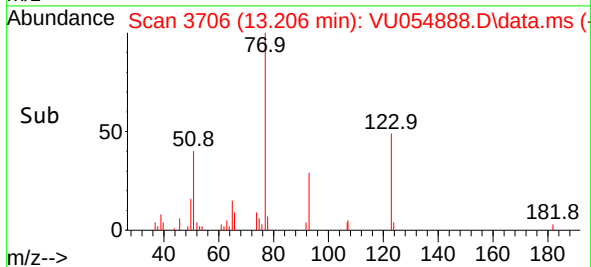
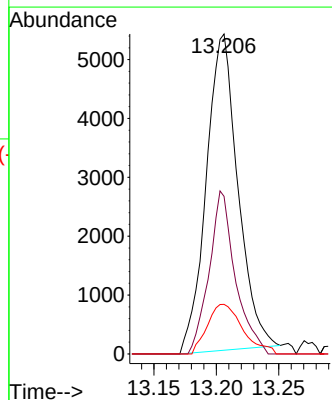
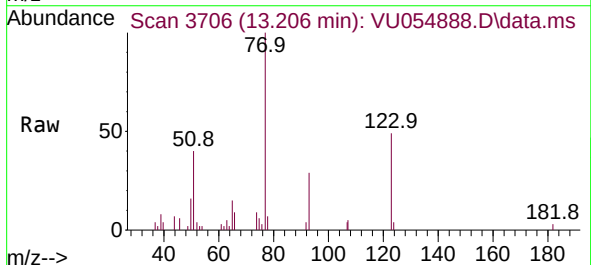
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

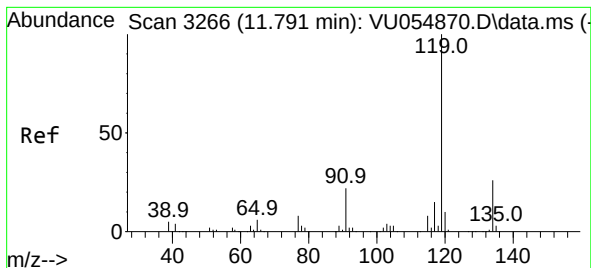
Tgt Ion:105 Resp: 378140
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.7 23.5



#80
 Nitrobenzene
 Concen: 56.900 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU054888.D
 Acq: 26 Jul 2023 20:10

Tgt Ion: 77 Resp: 9509
 Ion Ratio Lower Upper
 77 100
 123 42.6 20.2 71.8
 65 17.5 11.7 14.9#





#81

p-Isopropyltoluene

Concen: 11.038 ug/l

RT: 11.788 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

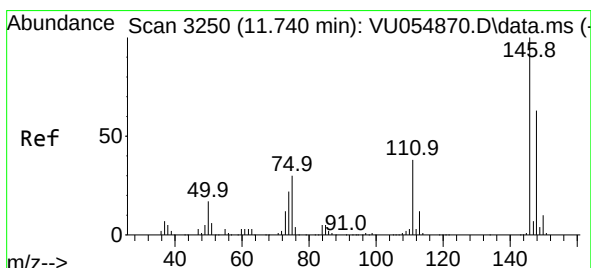
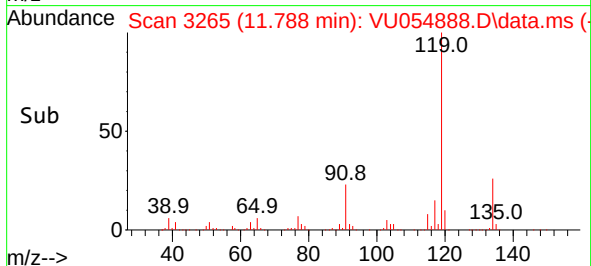
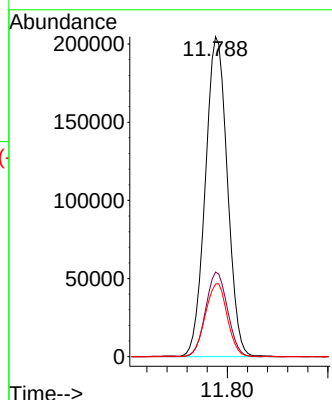
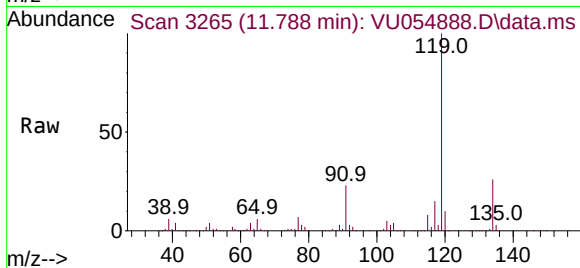
Tgt Ion:119 Resp: 311609

Ion Ratio Lower Upper

119 100

134 26.3 20.6 31.0

91 22.8 18.2 27.4



#82

1,3-Dichlorobenzene

Concen: 10.641 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

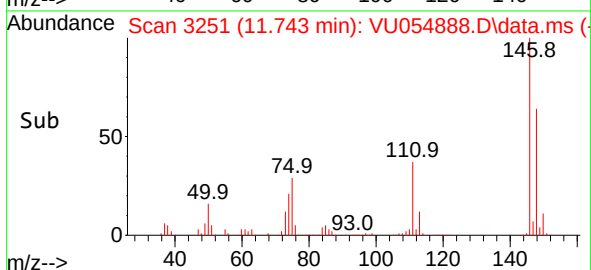
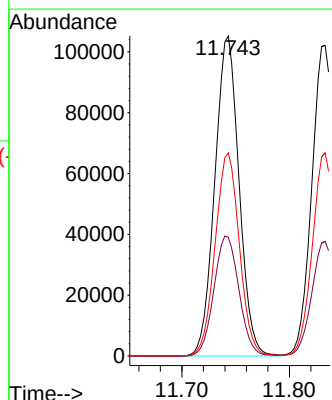
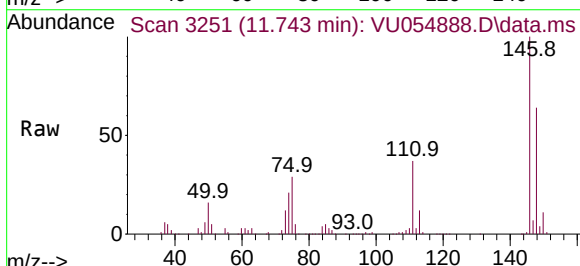
Tgt Ion:146 Resp: 164782

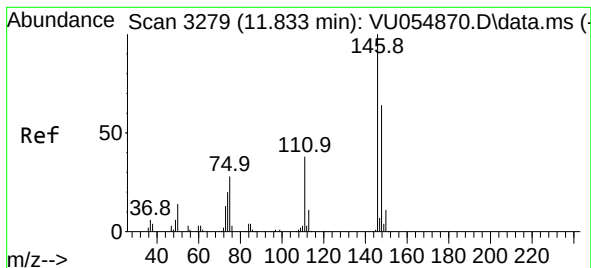
Ion Ratio Lower Upper

146 100

111 38.7 30.5 45.7

148 63.5 51.0 76.6





#83

1,4-Dichlorobenzene

Concen: 10.559 ug/l

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

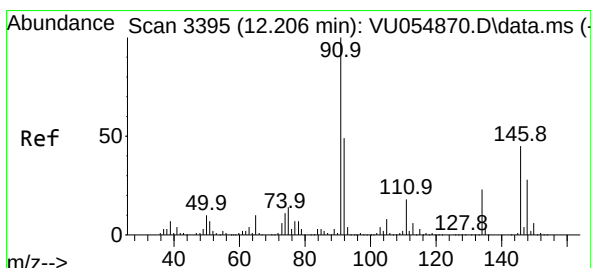
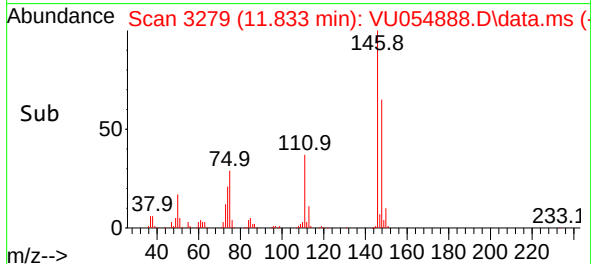
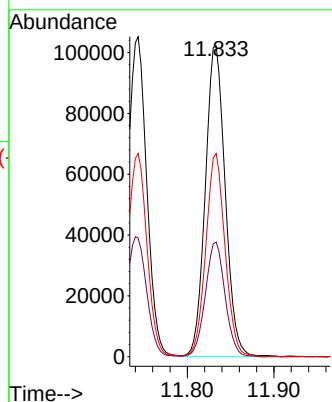
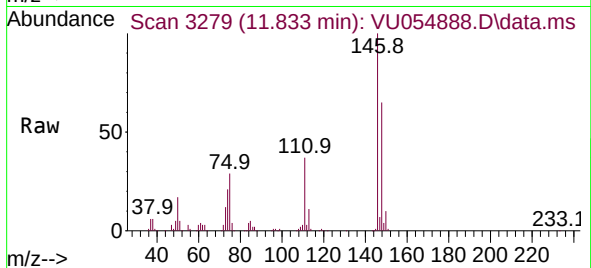
Tgt Ion:146 Resp: 163002

Ion Ratio Lower Upper

146 100

111 36.5 29.5 44.3

148 63.4 51.2 76.8



#84

n-Butylbenzene

Concen: 11.348 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU054888.D

Acq: 26 Jul 2023 20:10

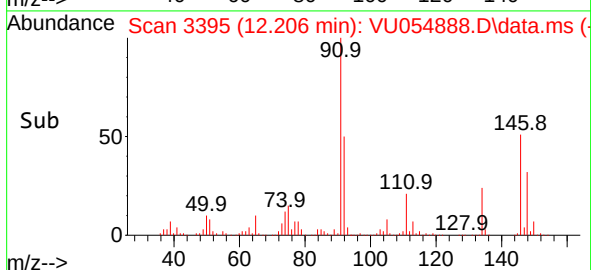
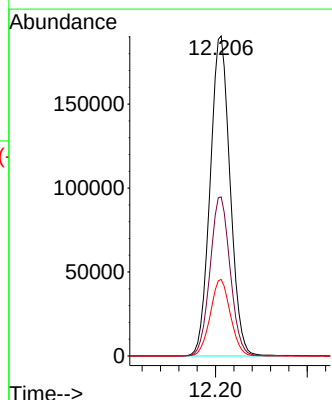
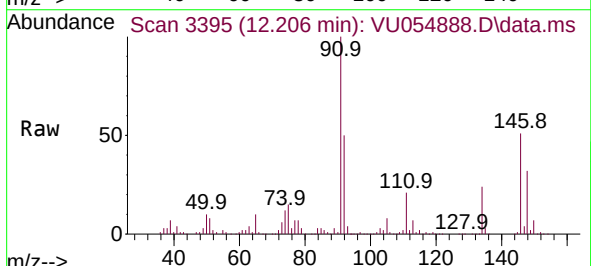
Tgt Ion: 91 Resp: 287741

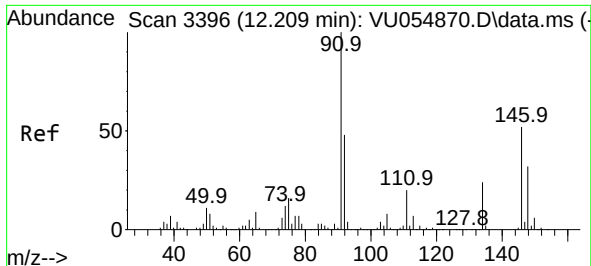
Ion Ratio Lower Upper

91 100

92 50.2 39.8 59.8

134 24.1 20.2 30.4

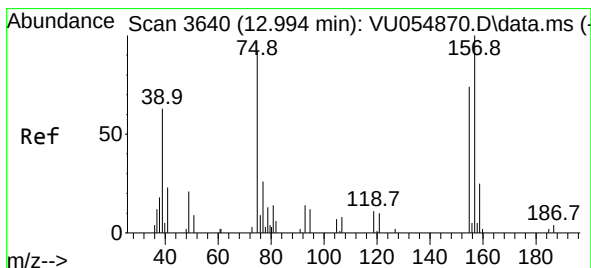
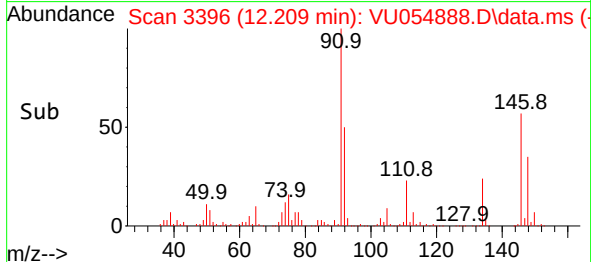
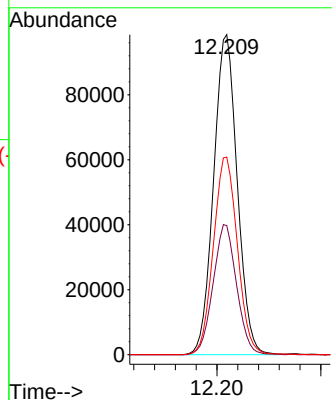
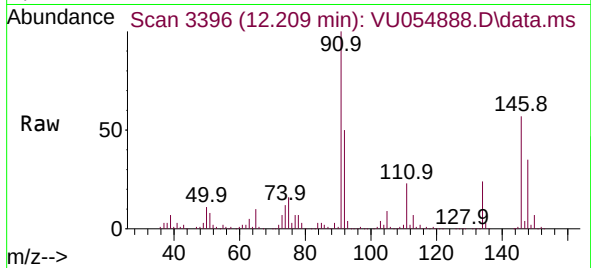




#85
1,2-Dichlorobenzene
Concen: 10.498 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

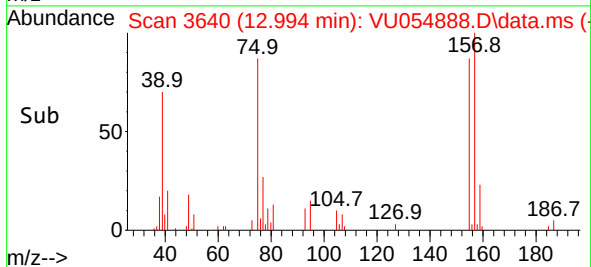
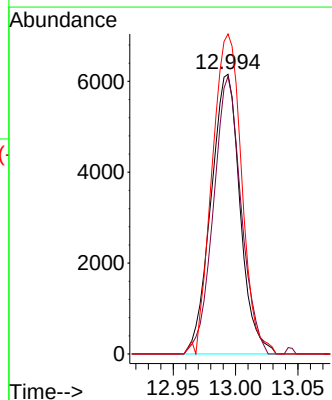
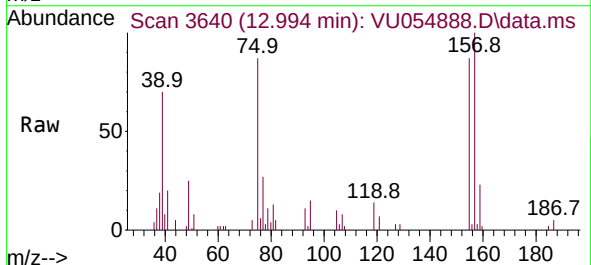
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

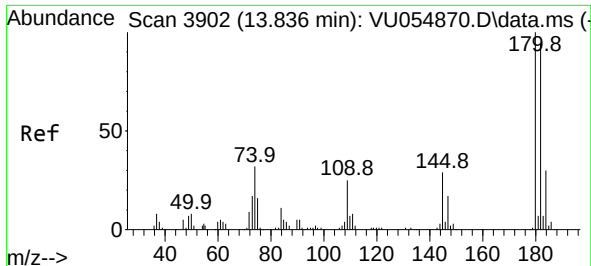
Tgt Ion:146 Resp: 155845
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.4
148 62.8 31.8 95.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 11.827 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion: 75 Resp: 10001
Ion Ratio Lower Upper
75 100
155 94.1 74.8 112.2
157 116.2 97.4 146.0

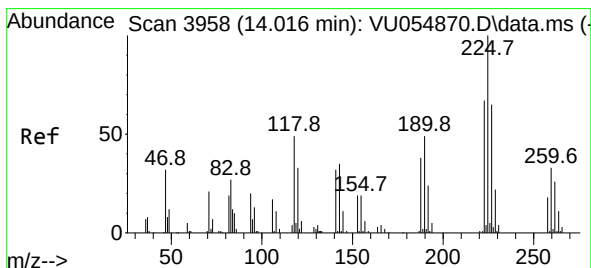
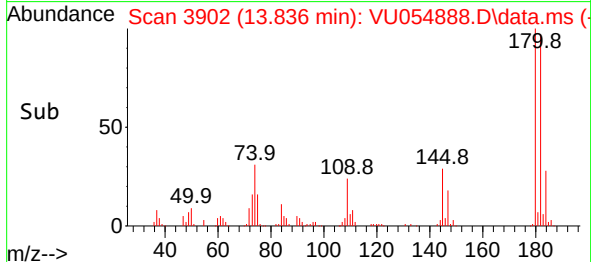
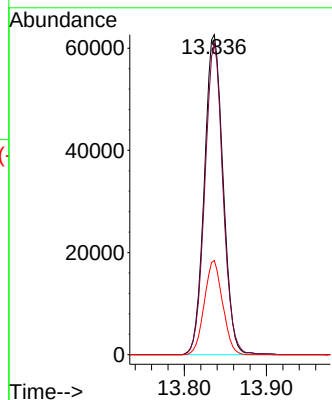
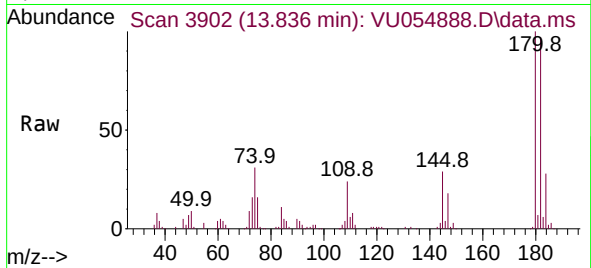




#87
1,2,4-Trichlorobenzene
Concen: 10.488 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

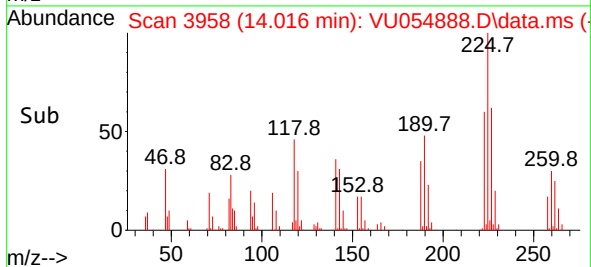
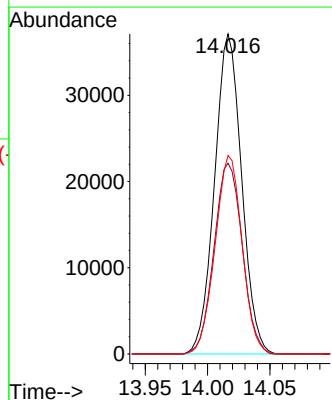
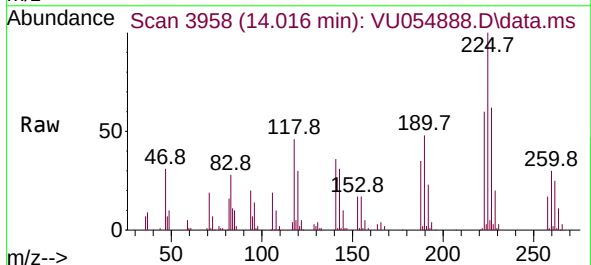
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

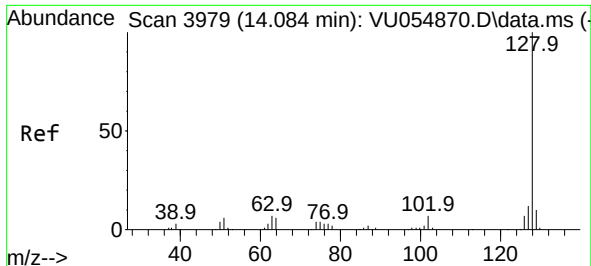
Tgt Ion:180 Resp: 99296
Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.6
145 28.7 23.4 35.0



#88
Hexachlorobutadiene
Concen: 11.121 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:225 Resp: 56155
Ion Ratio Lower Upper
225 100
223 62.1 50.6 76.0
227 61.9 50.7 76.1

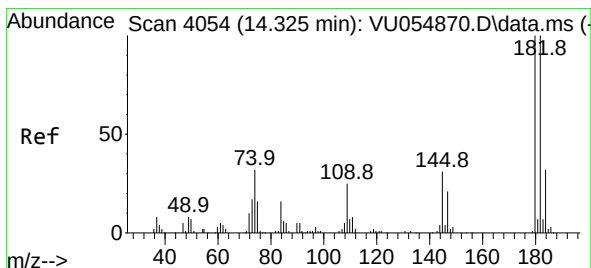
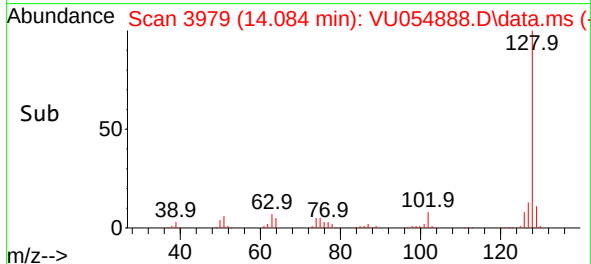
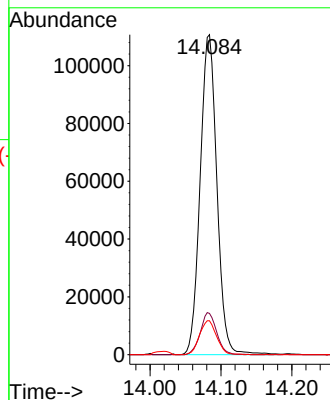
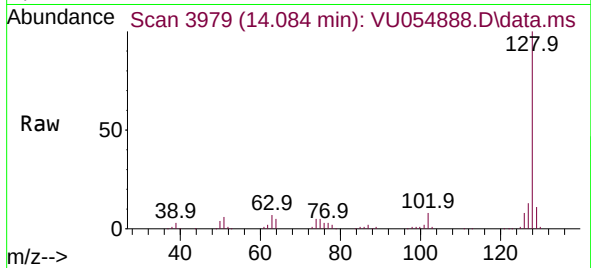




#89
Naphthalene
Concen: 12.386 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 181597
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.8 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 12.773 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054888.D
Acq: 26 Jul 2023 20:10

Tgt Ion:180 Resp: 107299
Ion Ratio Lower Upper
180 100
182 94.1 76.0 114.0
145 31.3 24.3 36.5

