

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
 Data File : VU050654.D
 Acq On : 07 Sep 2022 12:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050192

Quant Time: Sep 08 05:42:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	263812	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	263992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	124872	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87365	38.719	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.440%		
7) Chloroethane-d5	1.909	69	69007	45.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.440%		
11) 1,1-Dichloroethene-d2	2.568	63	179846	45.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.200%		
21) 2-Butanone-d5	4.626	46	174084	105.451	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.450%		
24) Chloroform-d	5.063	84	217973	50.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.940%		
26) 1,2-Dichloroethane-d4	5.703	65	140062	53.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.200%		
32) Benzene-d6	5.729	84	422329	48.409	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.820%		
36) 1,2-Dichloropropane-d6	6.690	67	136564	47.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.360%		
41) Toluene-d8	7.899	98	388922	52.131	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.260%		
43) trans-1,3-Dichloroprop...	8.179	79	65579	55.335	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	110.680%		
47) 2-Hexanone-d5	8.636	63	77432	107.473	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.470%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	219359	50.608	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.220%		
66) 1,2-Dichlorobenzene-d4	12.195	152	141725	48.483	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	111011	43.810	ug/L	99
3) Chloromethane	1.520	50	96323	35.181	ug/L	99
5) Vinyl chloride	1.604	62	93520	36.254	ug/L	97
6) Bromomethane	1.854	94	58767	45.173	ug/L	98
8) Chloroethane	1.928	64	56034	40.898	ug/L	99
9) Trichlorofluoromethane	2.137	101	143108	45.535	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	89776	43.546	ug/L	95
12) 1,1-Dichloroethene	2.578	96	87130	43.495	ug/L	90
13) Acetone	2.633	43	151793	121.891	ug/L	100
14) Carbon disulfide	2.793	76	251736	42.378	ug/L	100
15) Methyl Acetate	2.951	43	127233	48.310	ug/L	96
16) Methylene chloride	3.044	84	119691	45.527	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	96659	45.503	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	334919	50.851	ug/L	98
19) 1,1-Dichloroethane	3.867	63	187900	45.848	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	116033	48.412	ug/L	91
22) 2-Butanone	4.703	43	204248	104.864	ug/L	96
23) Bromochloromethane	4.973	128	63475	51.252	ug/L	92
25) Chloroform	5.086	83	208845	50.018	ug/L	99

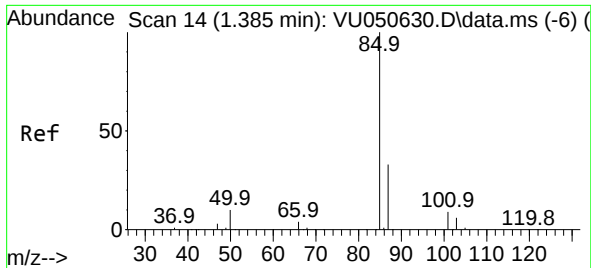
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	161153	52.074	ug/L	98
29) Cyclohexane	5.388	56	138963	39.305	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	168017	47.253	ug/L	97
31) Carbon tetrachloride	5.526	117	143405	49.226	ug/L	99
33) Benzene	5.774	78	453762	47.230	ug/L	100
34) Trichloroethene	6.542	95	104349	46.613	ug/L	96
35) Methylcyclohexane	6.764	83	151513	42.572	ug/L	96
37) 1,2-Dichloropropane	6.790	63	116902	46.066	ug/L	99
38) Bromodichloromethane	7.105	83	159174	53.321	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	174222	50.719	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	333539	96.448	ug/L	96
42) Toluene	7.970	91	464113	47.557	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	166767	51.745	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	122383	50.202	ug/L	99
46) Tetrachloroethene	8.555	164	78334	47.909	ug/L	98
48) 2-Hexanone	8.687	43	296508	91.871	ug/L	96
49) Dibromochloromethane	8.809	129	129032	55.493	ug/L	97
50) 1,2-Dibromoethane	8.925	107	131430	53.013	ug/L	97
51) Chlorobenzene	9.446	112	294795	48.672	ug/L	98
52) Ethylbenzene	9.571	91	463331	48.059	ug/L	100
53) m,p-Xylene	9.693	106	179229	48.524	ug/L	99
54) o-Xylene	10.102	106	183505	49.902	ug/L	98
55) Styrene	10.115	104	314680	52.009	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	216868	49.943	ug/L	99
59) Bromoform	10.291	173	100704	54.052	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	174528	47.635	ug/L	98
61) Isopropylbenzene	10.484	105	438020	44.315	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	387620	45.871	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	382317	47.115	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	211574	48.648	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	205110	47.712	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	221638	47.850	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	49285	50.938	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	147249	46.654	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	119068	44.428	ug/L	99
71) Naphthalene	14.085	128	436446	45.932	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	135221	46.592	ug/L	98

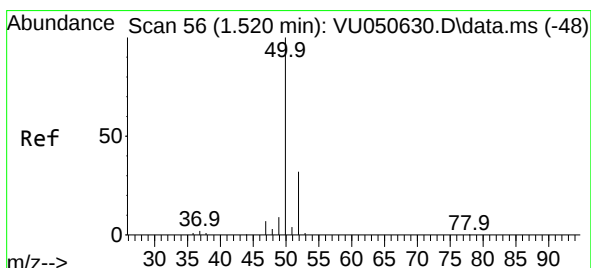
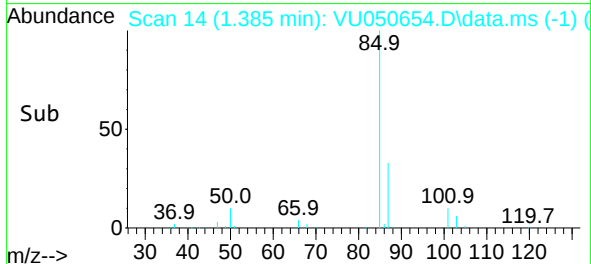
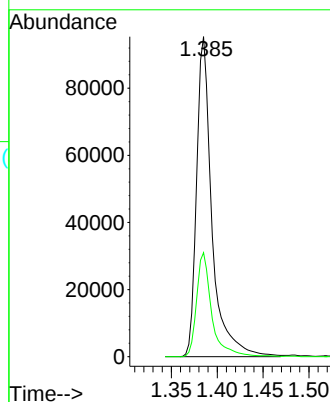
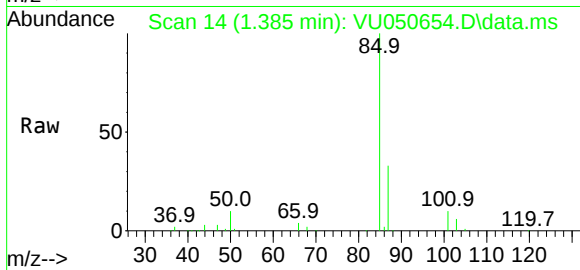
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#2
Dichlorodifluoromethane
Concen: 43.810 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

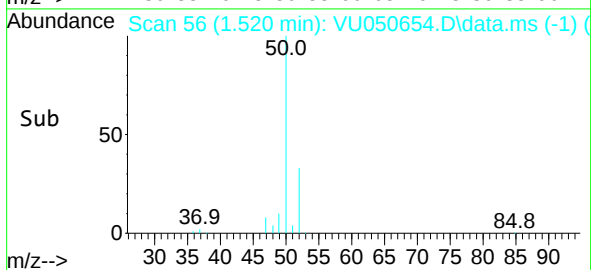
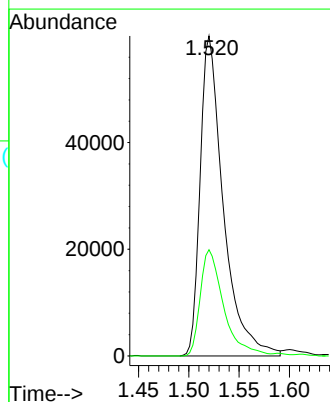
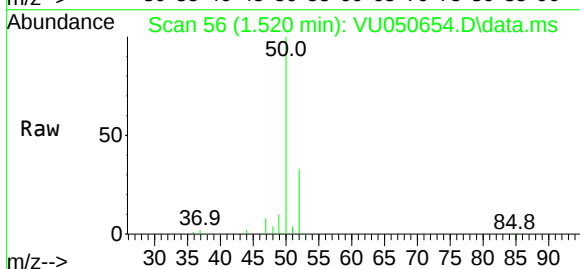
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

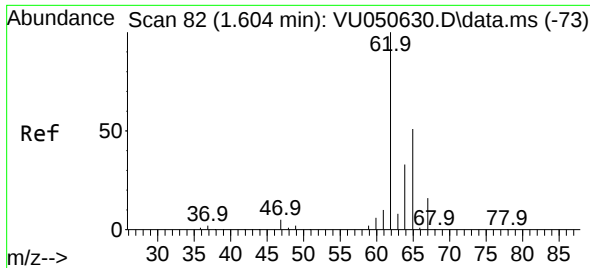
Tgt Ion: 85 Resp: 111011
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.8



#3
Chloromethane
Concen: 35.181 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion: 50 Resp: 96323
Ion Ratio Lower Upper
50 100
52 33.2 23.7 43.9

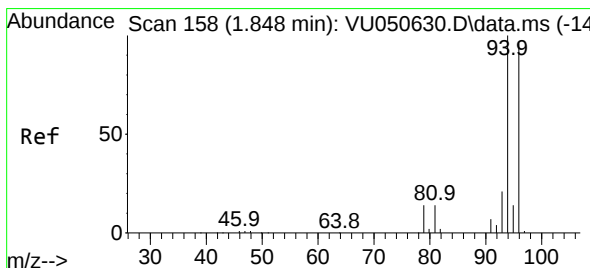
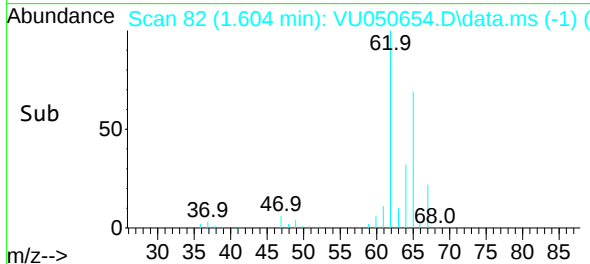
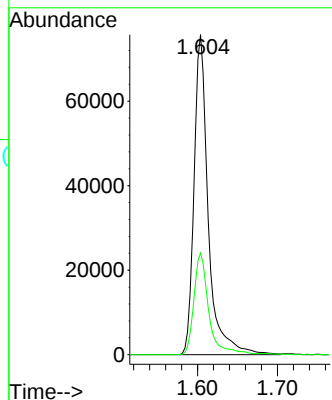
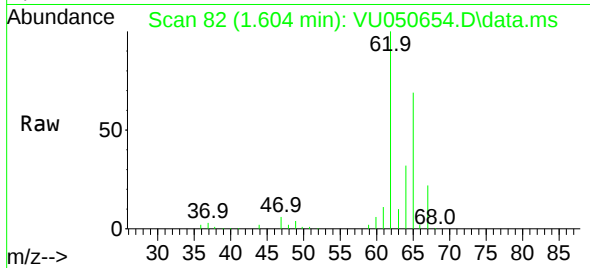




#5
 Vinyl chloride
 Concen: 36.254 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050654.D
 Acq: 07 Sep 2022 12:08

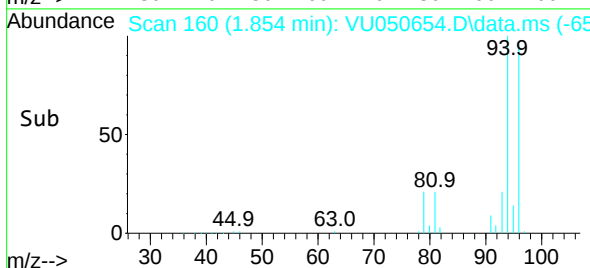
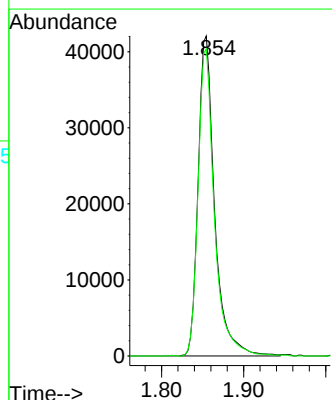
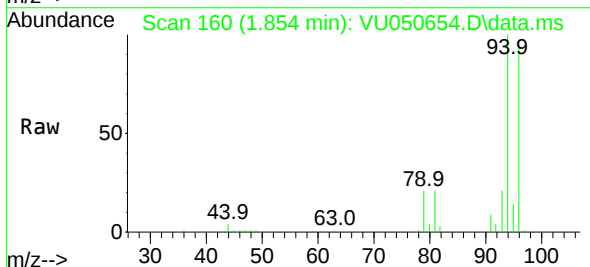
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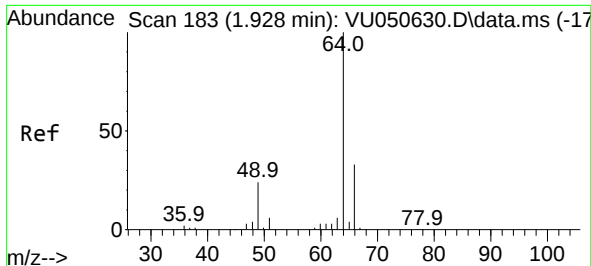
Tgt Ion: 62 Resp: 93520
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.5 43.7



#6
 Bromomethane
 Concen: 45.173 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.006 min
 Lab File: VU050654.D
 Acq: 07 Sep 2022 12:08

Tgt Ion: 94 Resp: 58767
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.6 121.8

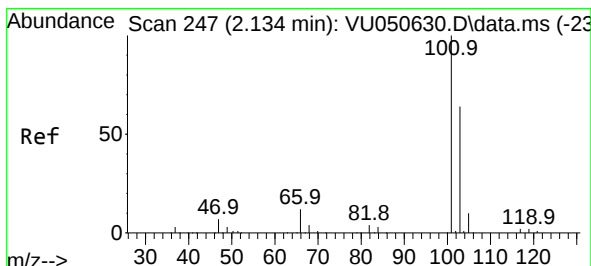
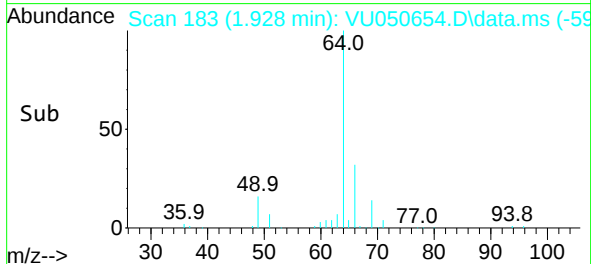
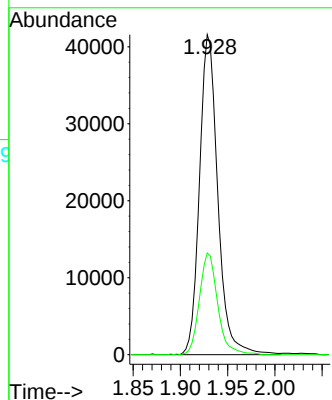
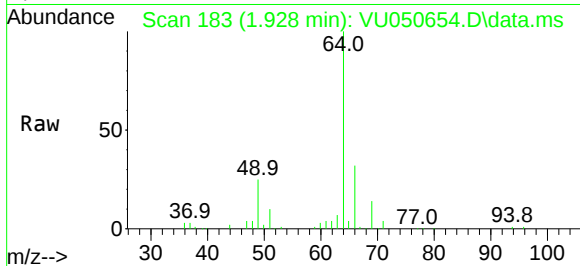




#8
Chloroethane
Concen: 40.898 ug/L
RT: 1.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

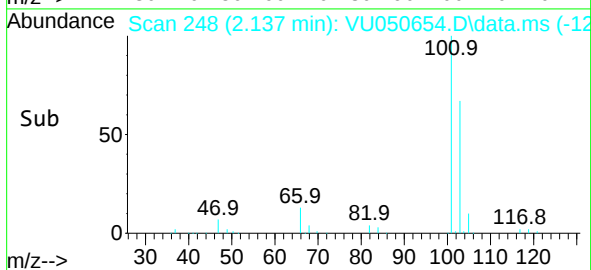
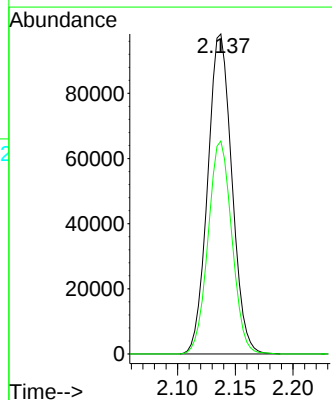
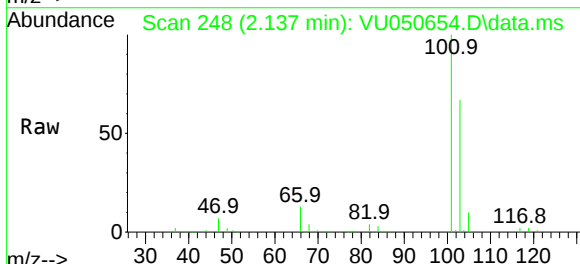
Instrument :
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ClientSampleId :
VSTD050192

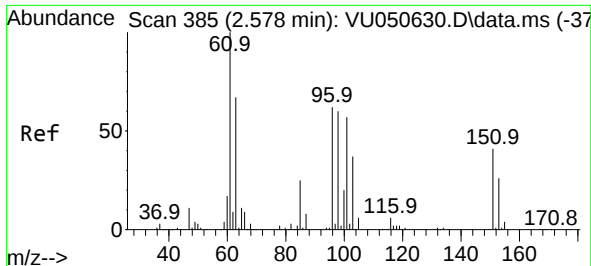
Tgt Ion: 64 Resp: 56034
Ion Ratio Lower Upper
64 100
66 31.8 21.9 40.7



#9
Trichlorofluoromethane
Concen: 45.535 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion:101 Resp: 143108
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 43.546 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050192

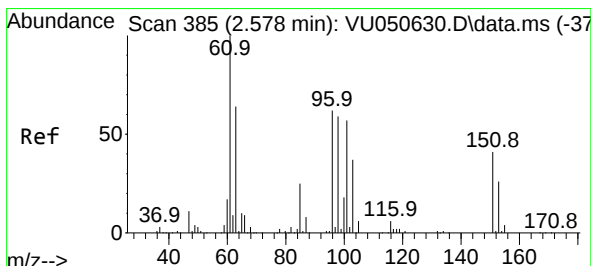
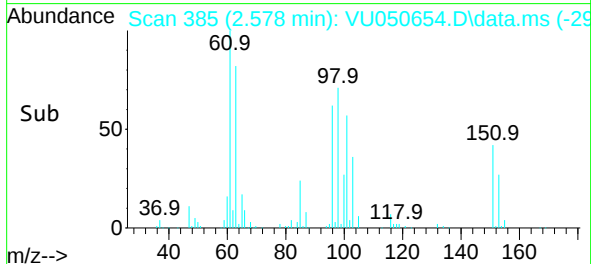
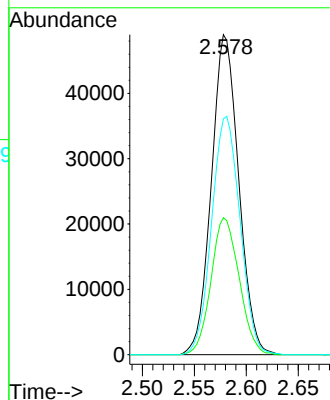
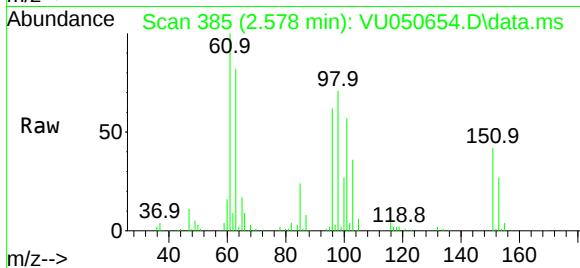
Tgt Ion:101 Resp: 89776

Ion Ratio Lower Upper

101 100

85 44.0 34.4 51.6

151 77.5 57.7 86.5



#12

1,1-Dichloroethene

Concen: 43.495 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

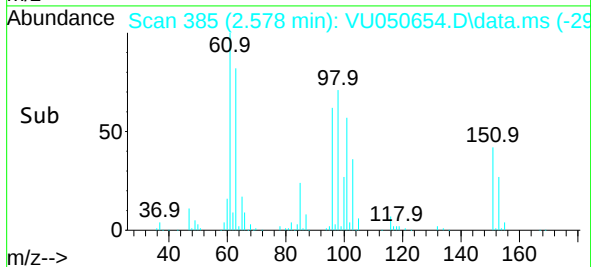
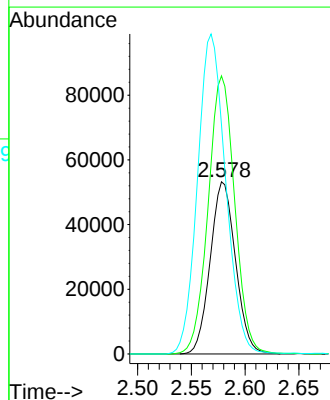
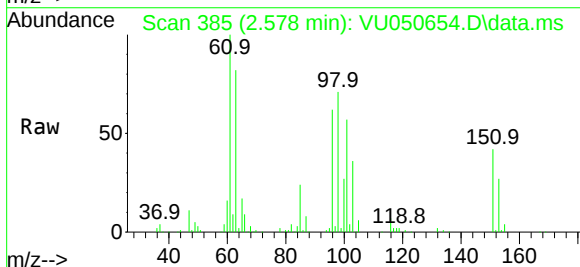
Tgt Ion: 96 Resp: 87130

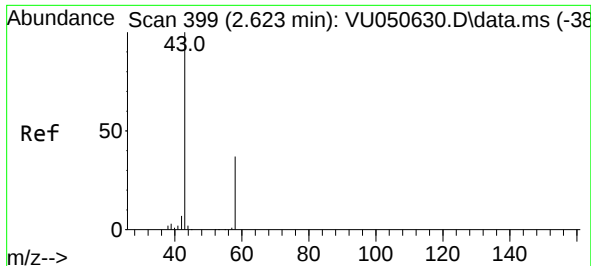
Ion Ratio Lower Upper

96 100

61 161.5 118.0 219.1

63 133.1 79.5 147.7





#13

Acetone

Concen: 121.891 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.010 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

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MSVOA_U

ClientSampleId :

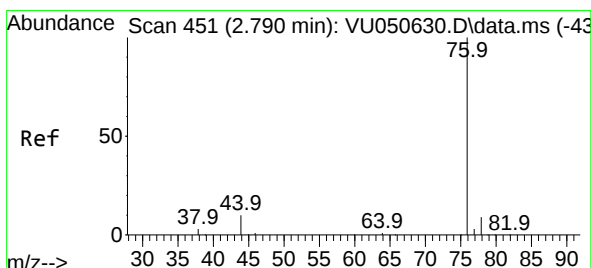
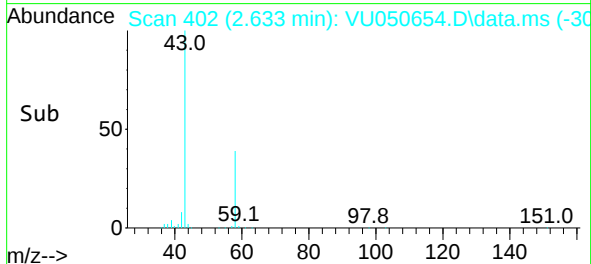
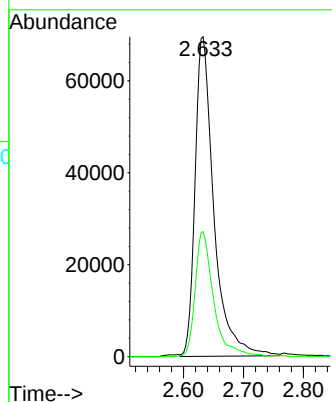
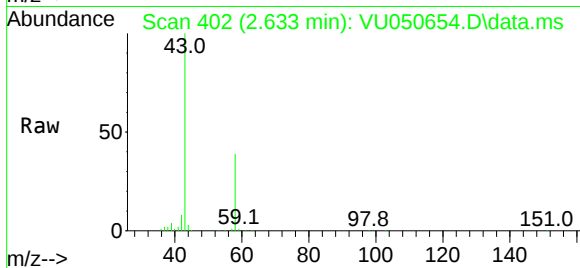
VSTD050192

Tgt Ion: 43 Resp: 151793

Ion Ratio Lower Upper

43 100

58 38.3 0.0 76.2



#14

Carbon disulfide

Concen: 42.378 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050654.D

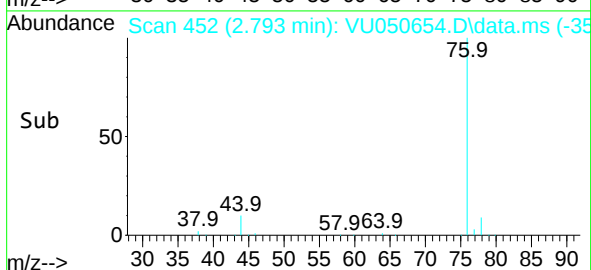
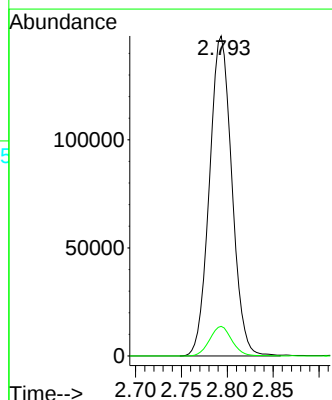
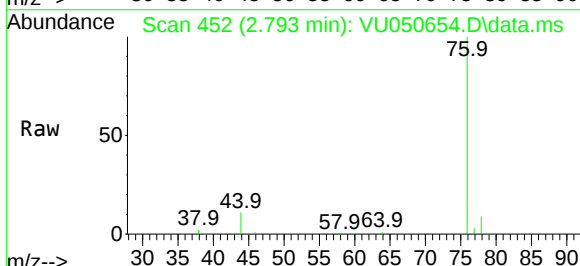
Acq: 07 Sep 2022 12:08

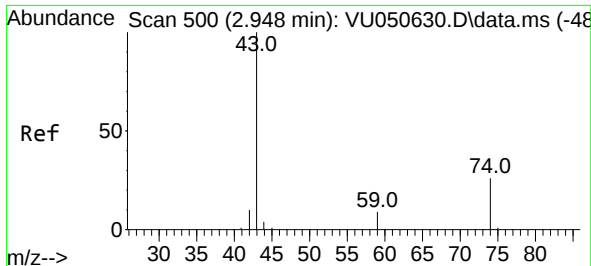
Tgt Ion: 76 Resp: 251736

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

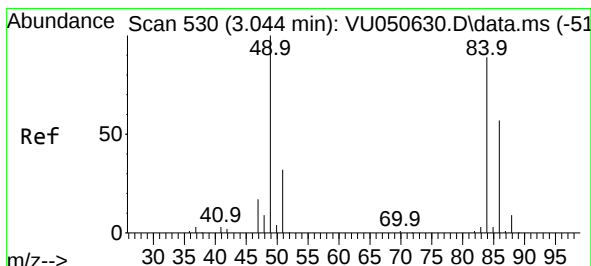
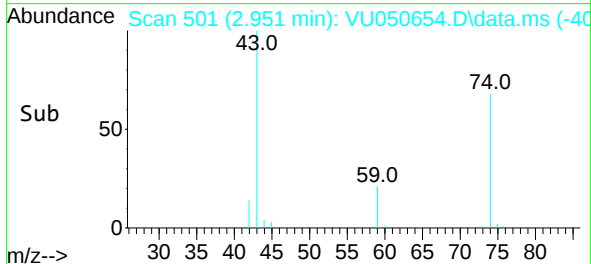
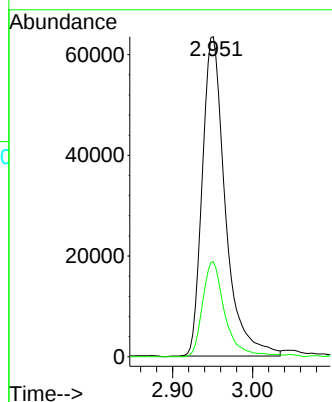
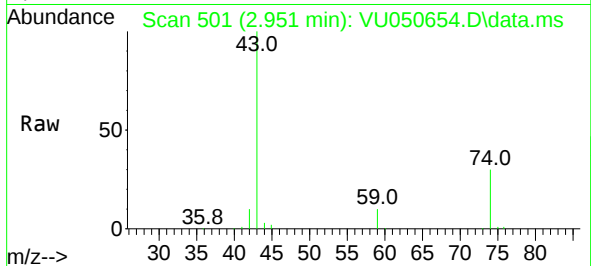




#15
Methyl Acetate
Concen: 48.310 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

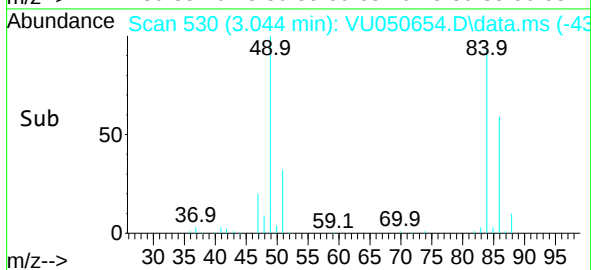
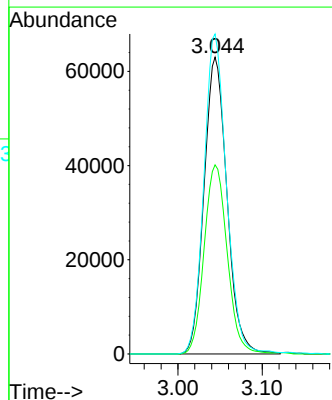
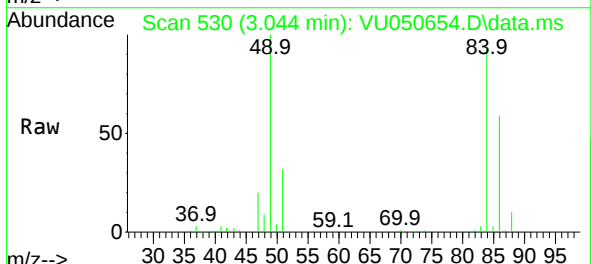
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

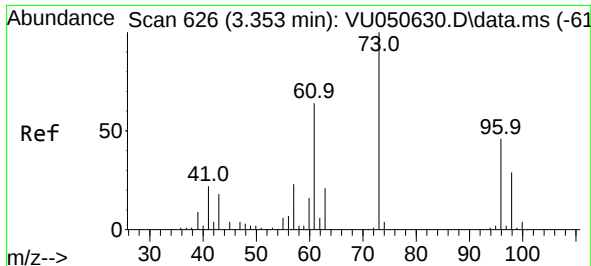
Tgt Ion: 43 Resp: 127233
Ion Ratio Lower Upper
43 100
74 28.6 21.2 31.8



#16
Methylene chloride
Concen: 45.527 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion: 84 Resp: 119691
Ion Ratio Lower Upper
84 100
86 63.7 44.8 83.2
49 107.8 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 45.503 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050192

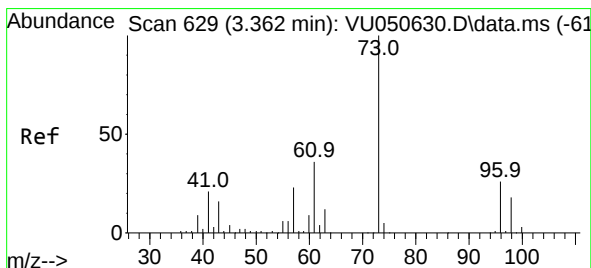
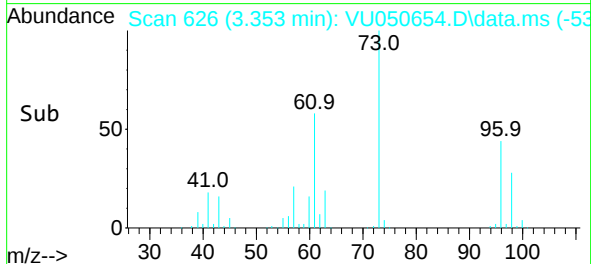
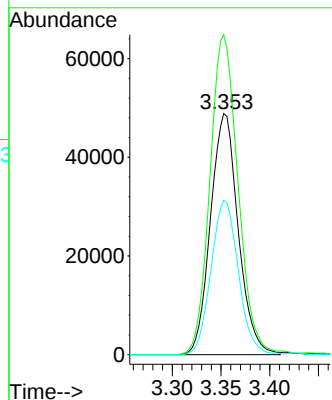
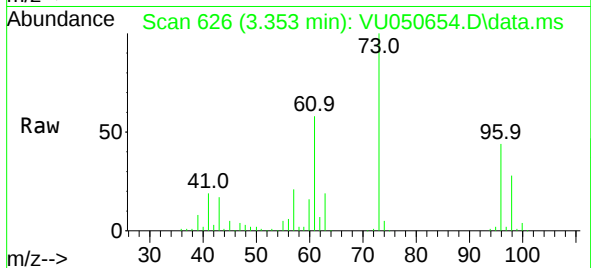
Tgt Ion: 96 Resp: 96659

Ion Ratio Lower Upper

96 100

61 132.7 97.9 181.7

98 64.0 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 50.851 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

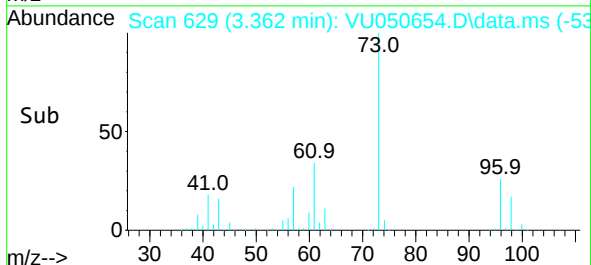
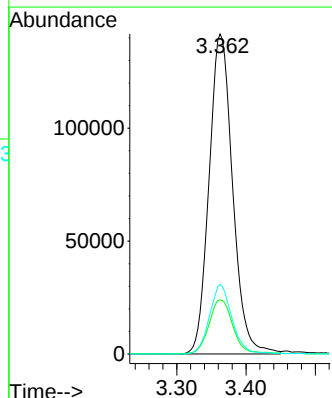
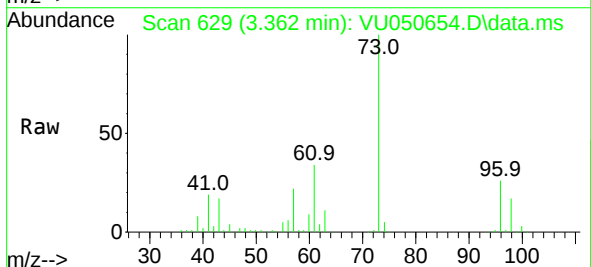
Tgt Ion: 73 Resp: 334919

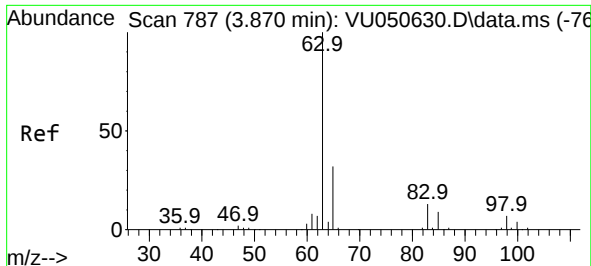
Ion Ratio Lower Upper

73 100

43 16.9 13.4 20.2

57 20.7 17.8 26.8





#19

1,1-Dichloroethane

Concen: 45.848 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050192

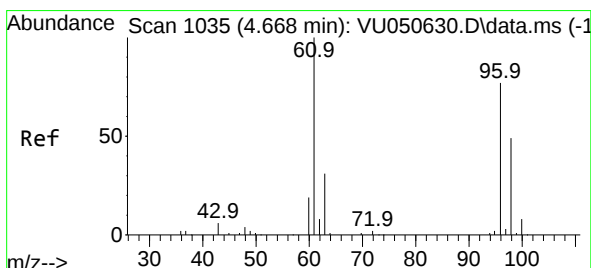
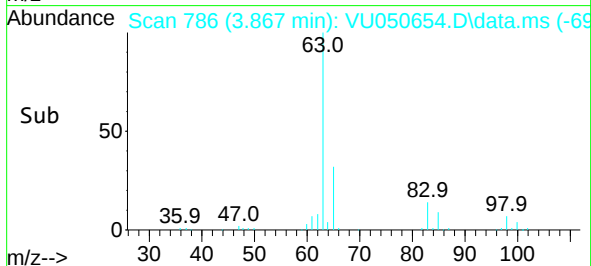
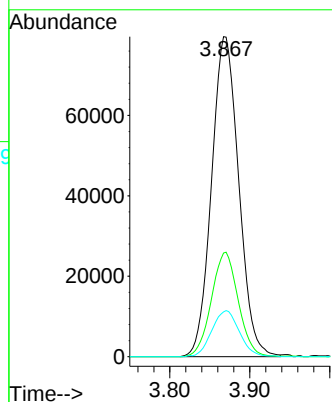
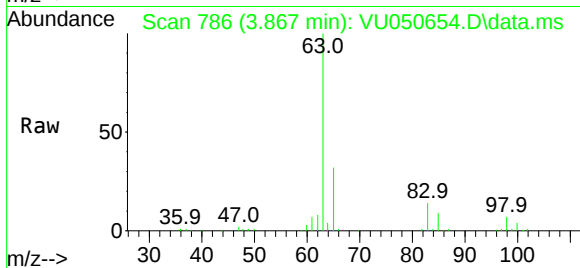
Tgt Ion: 63 Resp: 187900

Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 14.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 48.412 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

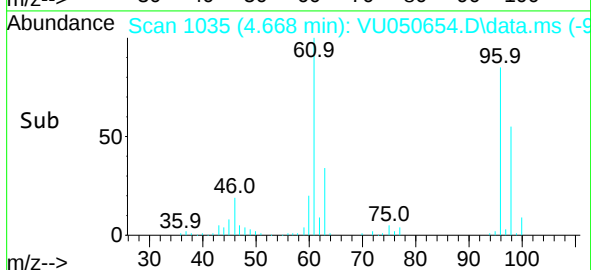
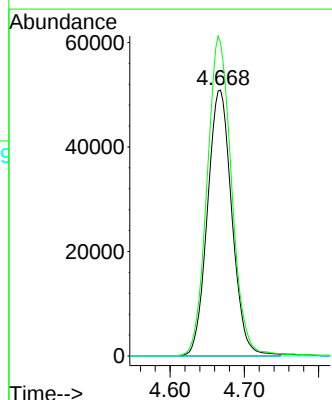
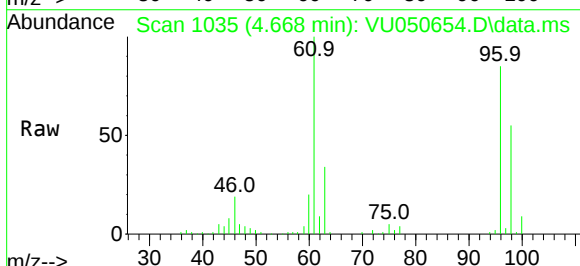
Tgt Ion: 96 Resp: 116033

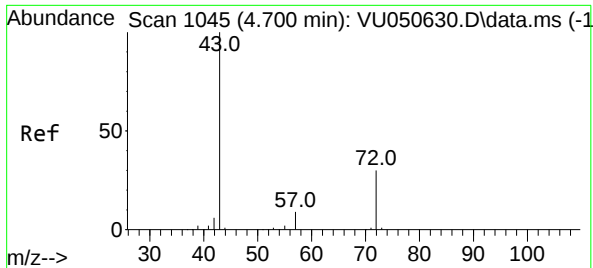
Ion Ratio Lower Upper

96 100

61 117.8 89.8 166.8

68 0.0 0.0 0.0

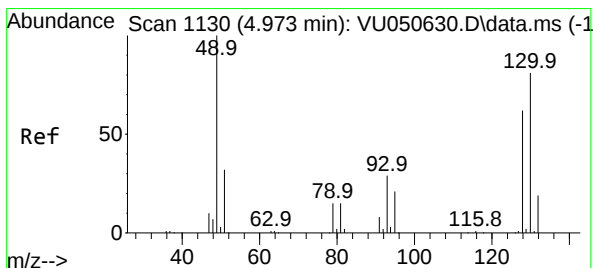
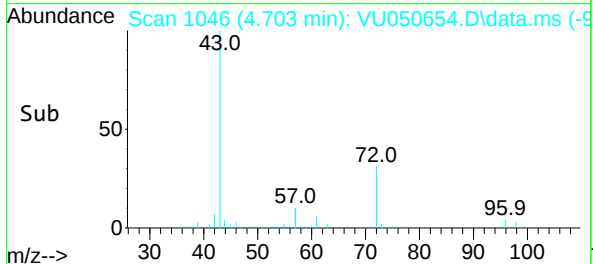
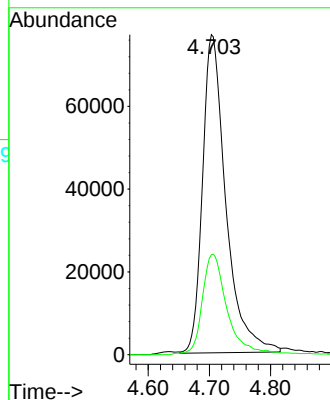
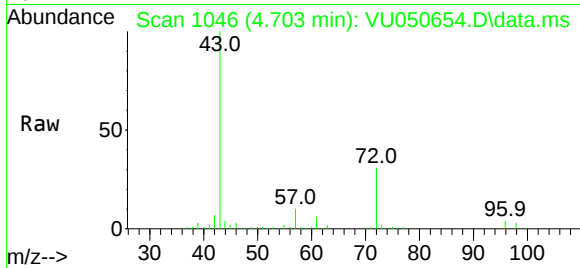




#22
2-Butanone
Concen: 104.864 ug/L
RT: 4.703 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

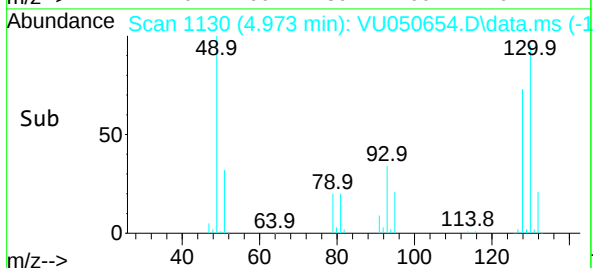
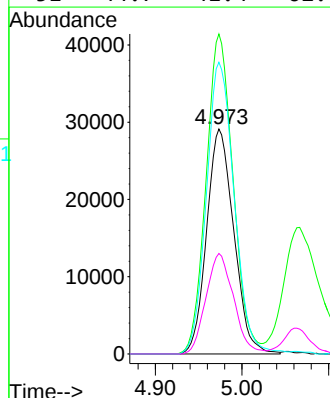
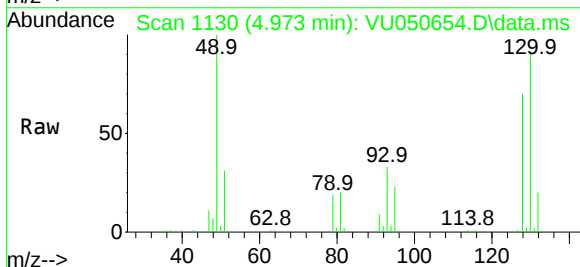
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

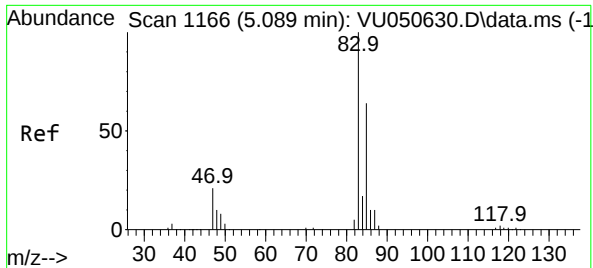
Tgt Ion: 43 Resp: 204248
Ion Ratio Lower Upper
43 100
72 31.2 14.6 44.0



#23
Bromochloromethane
Concen: 51.252 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion:128 Resp: 63475
Ion Ratio Lower Upper
128 100
49 142.3 112.5 208.9
130 129.7 91.8 170.4
51 44.7 41.4 62.0

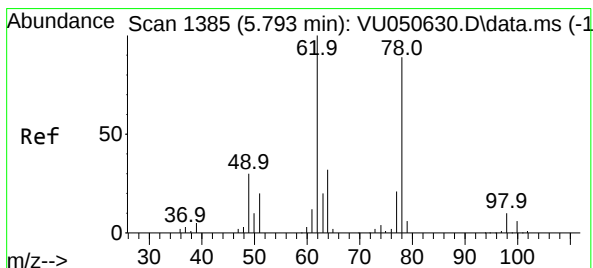
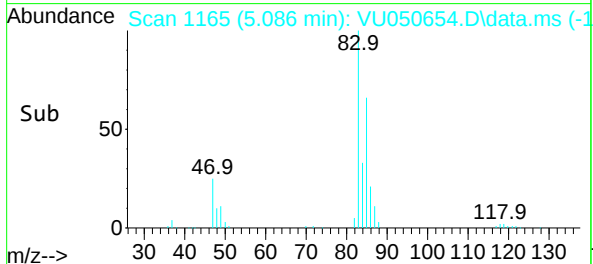
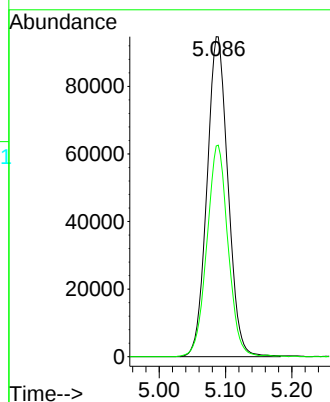
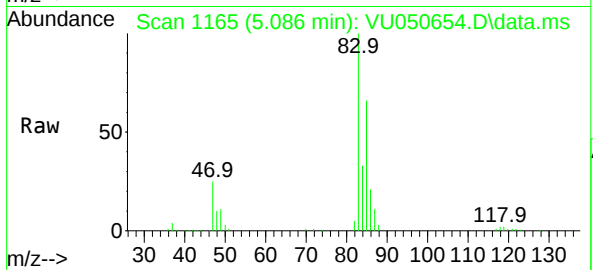




#25
Chloroform
Concen: 50.018 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

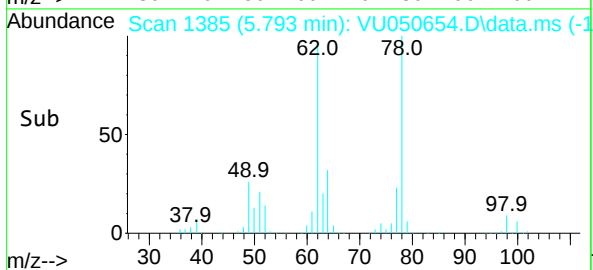
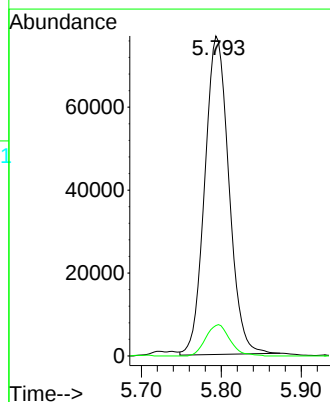
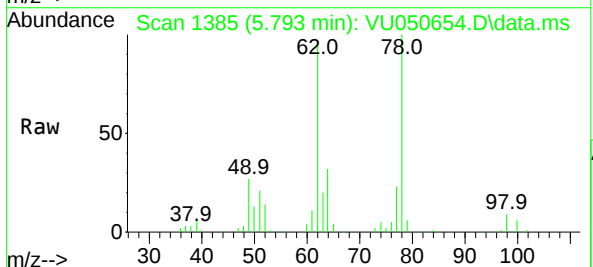
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

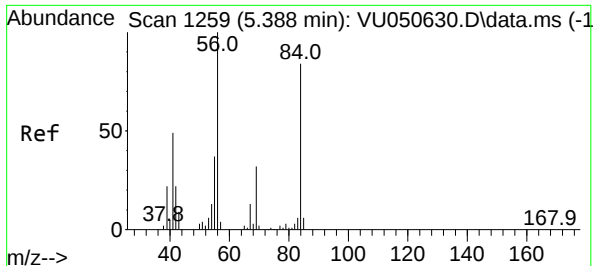
Tgt Ion: 83 Resp: 208845
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.8



#27
1,2-Dichloroethane
Concen: 52.074 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion: 62 Resp: 161153
Ion Ratio Lower Upper
62 100
98 9.5 8.2 12.2





#29

Cyclohexane

Concen: 39.305 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050654.D

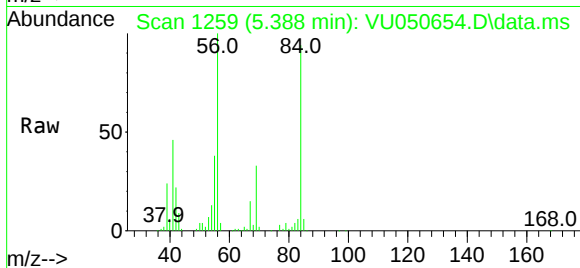
Acq: 07 Sep 2022 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050192



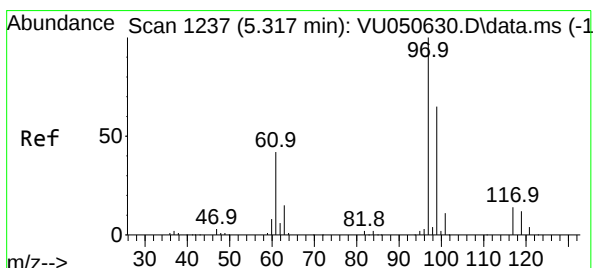
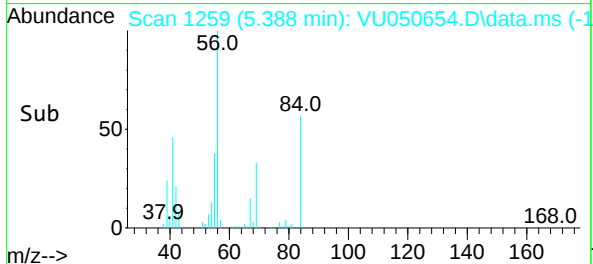
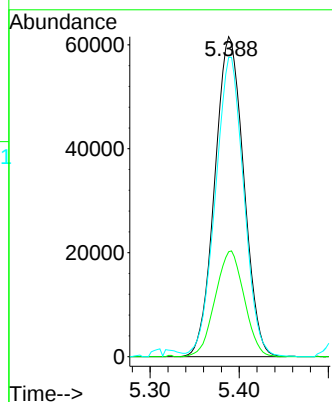
Tgt Ion: 56 Resp: 138963

Ion Ratio Lower Upper

56 100

69 33.0 24.6 37.0

84 92.2 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 47.253 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

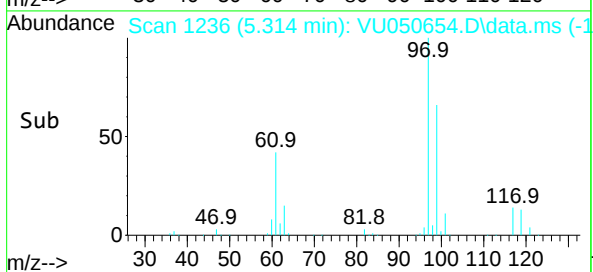
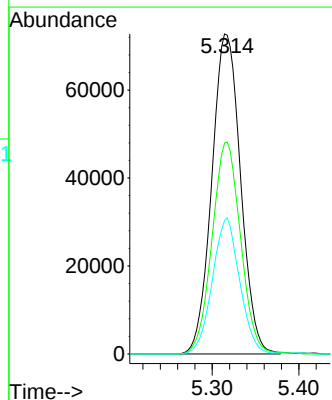
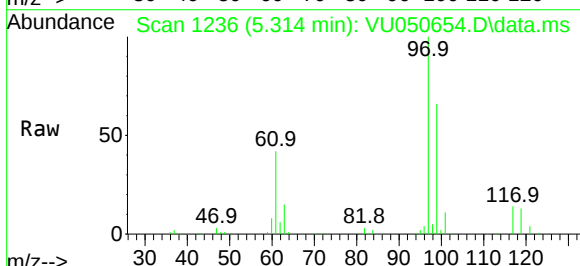
Tgt Ion: 97 Resp: 168017

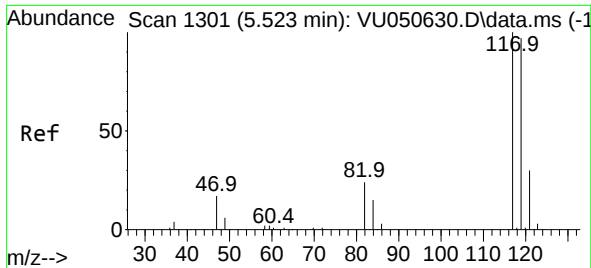
Ion Ratio Lower Upper

97 100

99 65.5 51.2 76.8

61 40.4 34.2 51.4

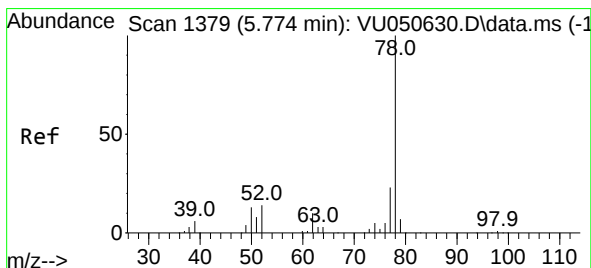
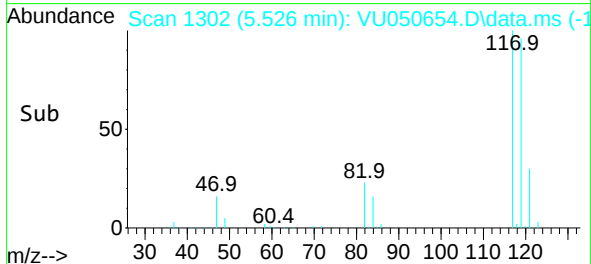
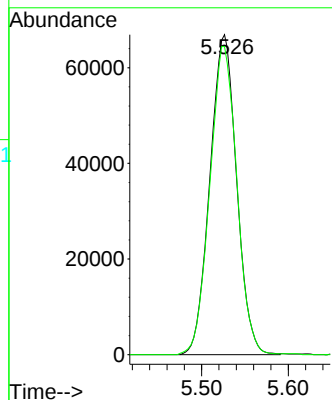
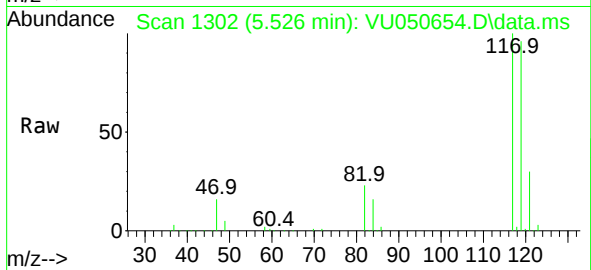




#31
Carbon tetrachloride
Concen: 49.226 ug/L
RT: 5.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

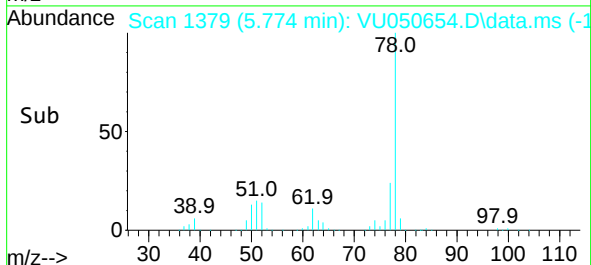
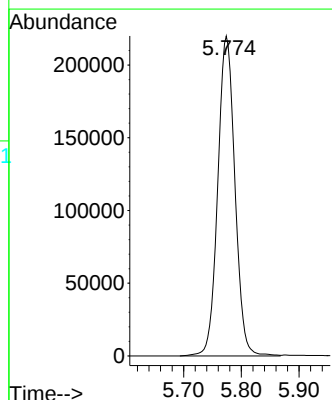
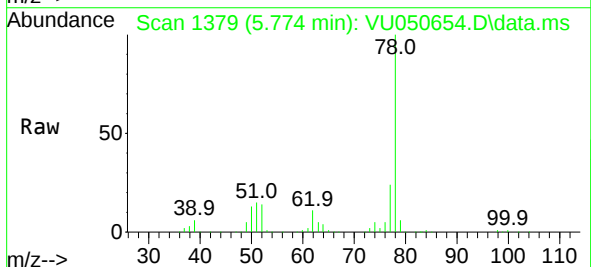
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

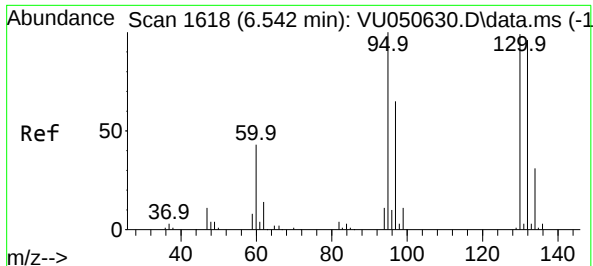
Tgt Ion:117 Resp: 143405
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.2



#33
Benzene
Concen: 47.230 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion: 78 Resp: 453762

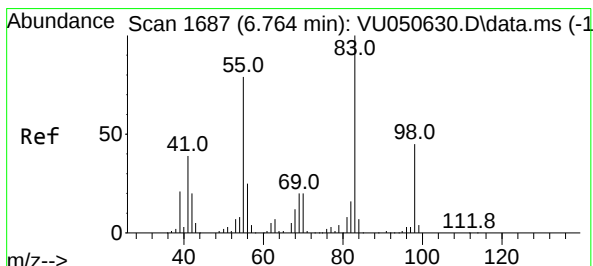
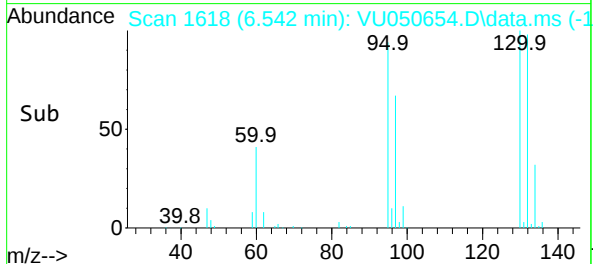
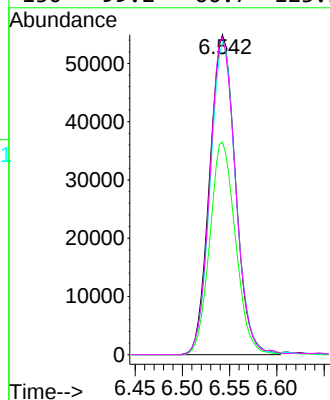
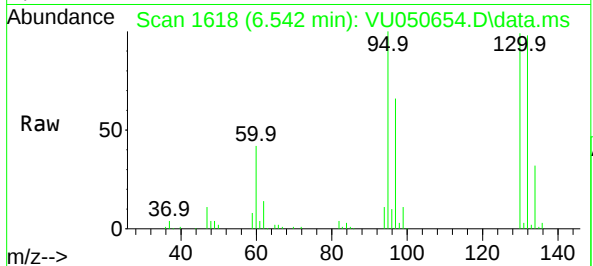




#34
Trichloroethene
Concen: 46.613 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

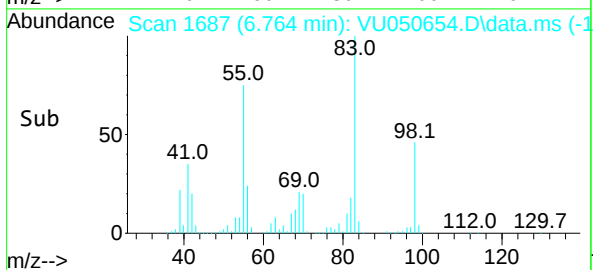
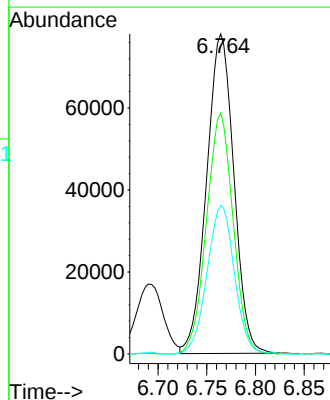
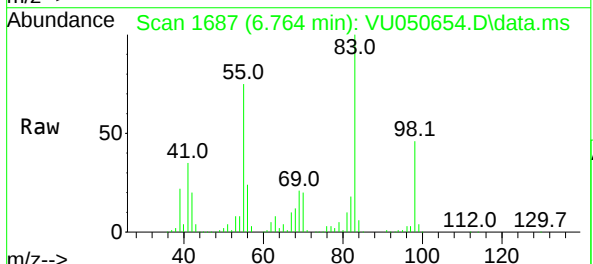
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

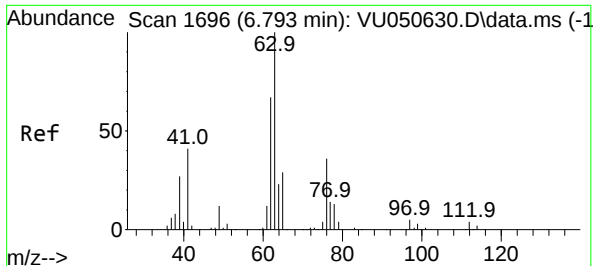
Tgt Ion: 95 Resp: 104349
Ion Ratio Lower Upper
95 100
97 66.4 45.4 84.2
132 97.7 65.2 121.2
130 99.2 66.7 123.9



#35
Methylcyclohexane
Concen: 42.572 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion: 83 Resp: 151513
Ion Ratio Lower Upper
83 100
55 73.8 62.6 93.8
98 46.6 35.5 53.3





#37

1,2-Dichloropropane

Concen: 46.066 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

Instrument :

MSVOA_U

ClientSampleId :

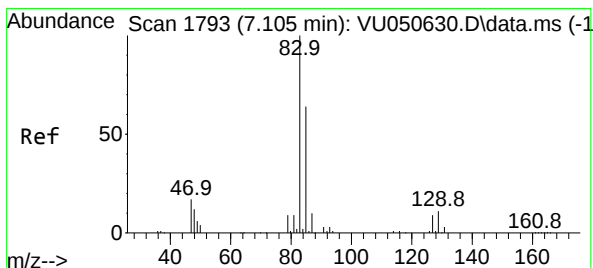
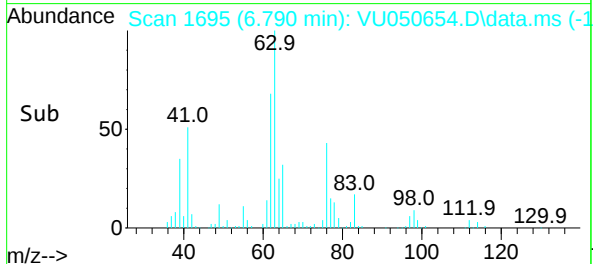
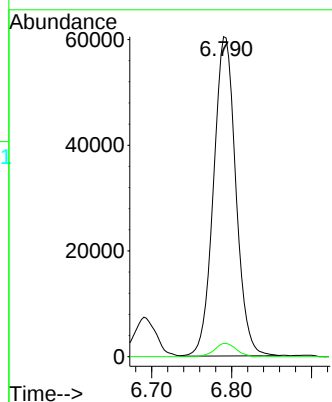
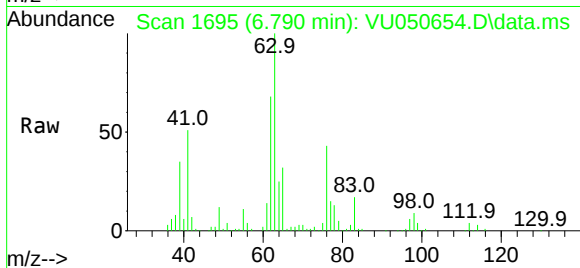
VSTD050192

Tgt Ion: 63 Resp: 116902

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.4



#38

Bromodichloromethane

Concen: 53.321 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

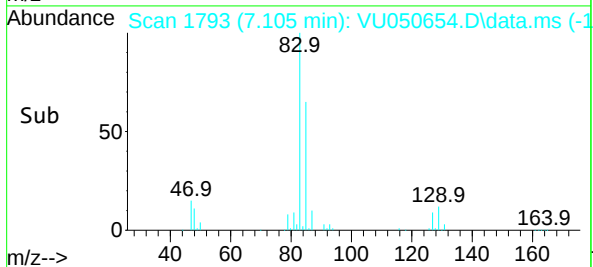
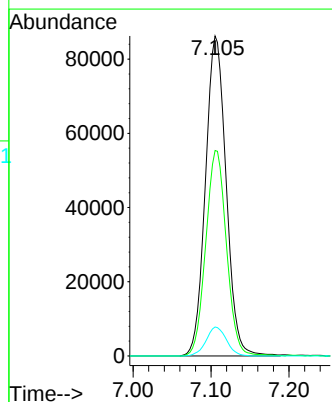
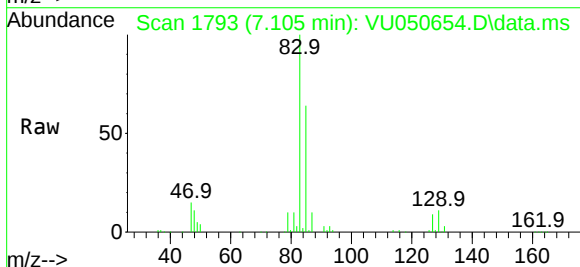
Tgt Ion: 83 Resp: 159174

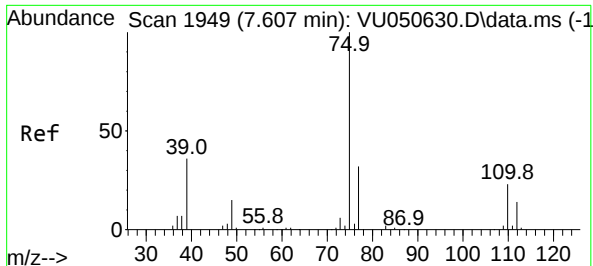
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 9.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 50.719 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

Instrument :

MSVOA_U

ClientSampleId :

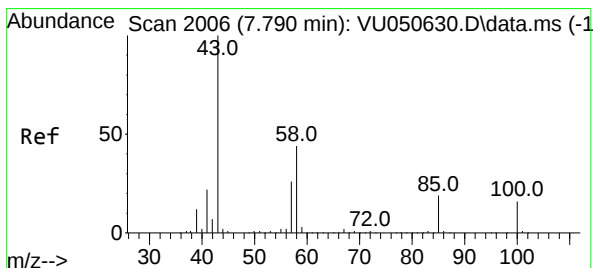
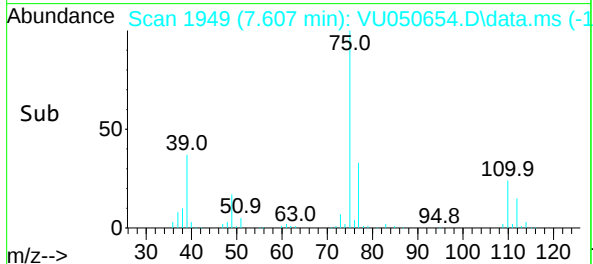
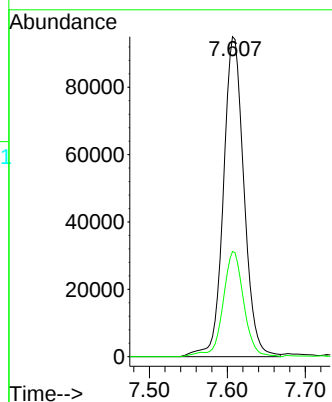
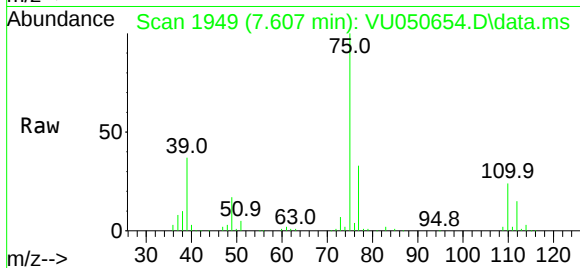
VSTD050192

Tgt Ion: 75 Resp: 174222

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 96.448 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

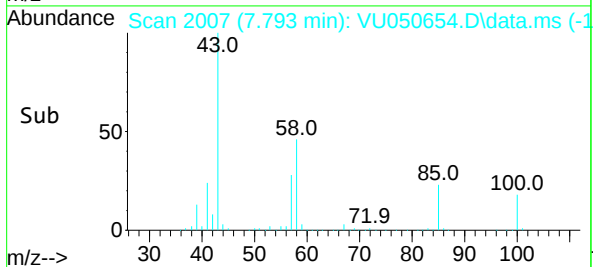
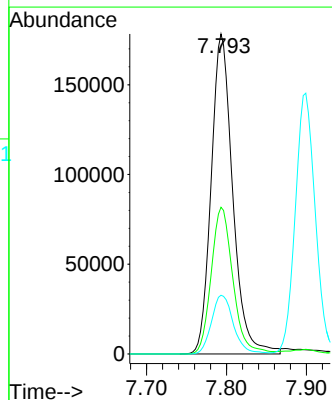
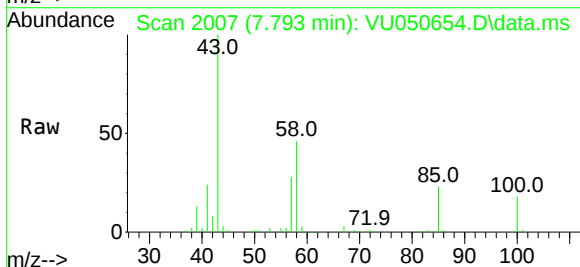
Tgt Ion: 43 Resp: 333539

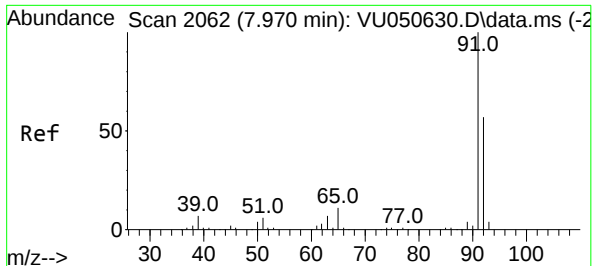
Ion Ratio Lower Upper

43 100

58 46.1 35.1 52.7

100 18.7 12.9 19.3

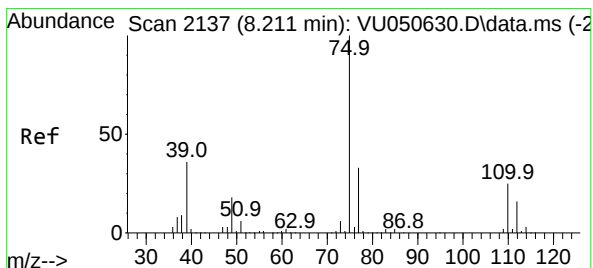
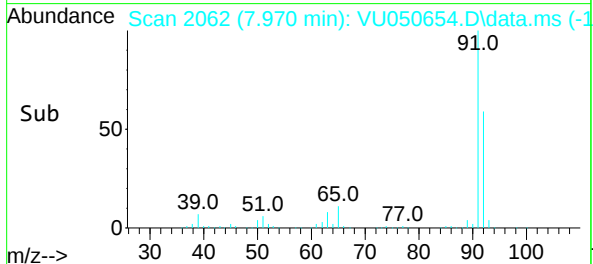
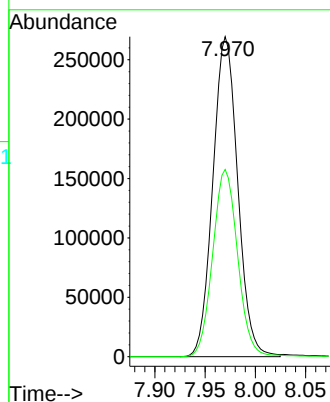
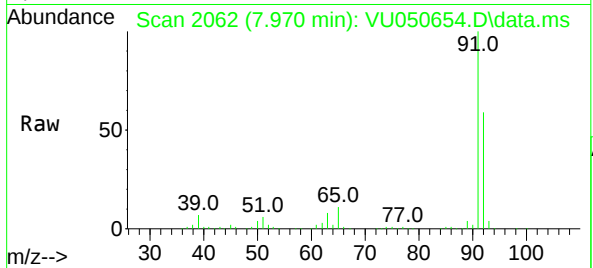




#42
Toluene
Concen: 47.557 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

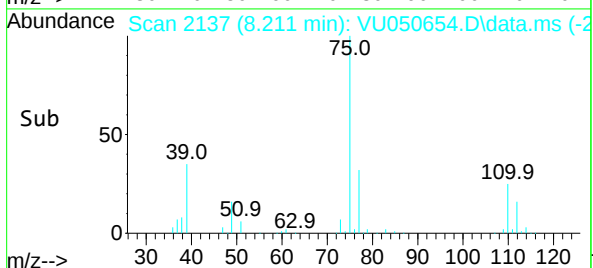
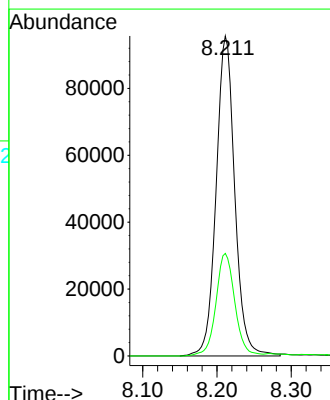
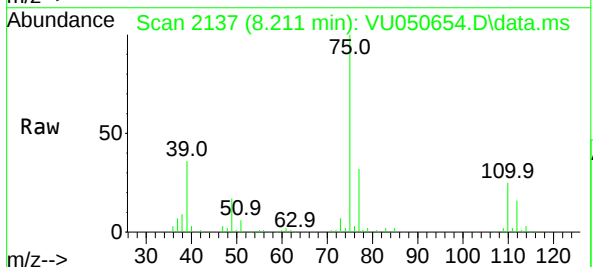
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

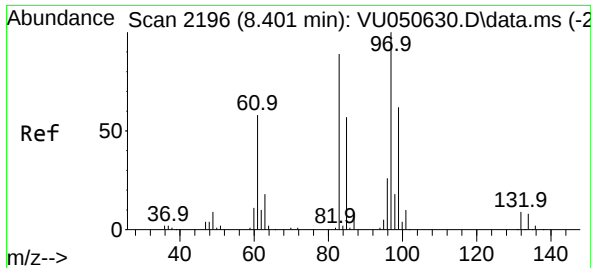
Tgt Ion: 91 Resp: 464113
Ion Ratio Lower Upper
91 100
92 58.5 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 51.745 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion: 75 Resp: 166767
Ion Ratio Lower Upper
75 100
77 32.0 22.1 41.1

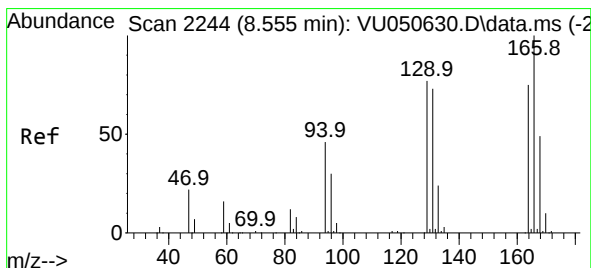
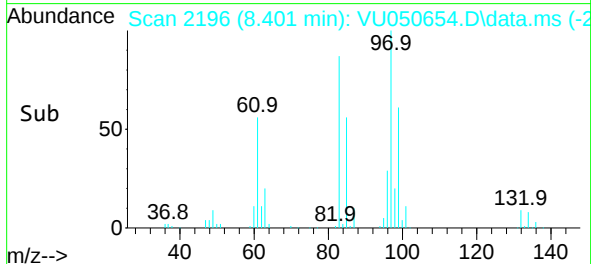
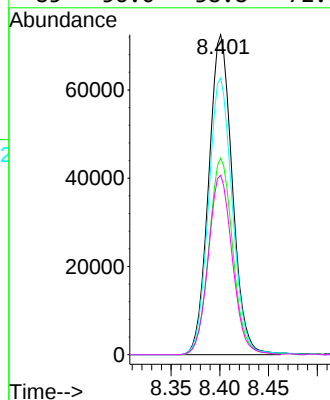
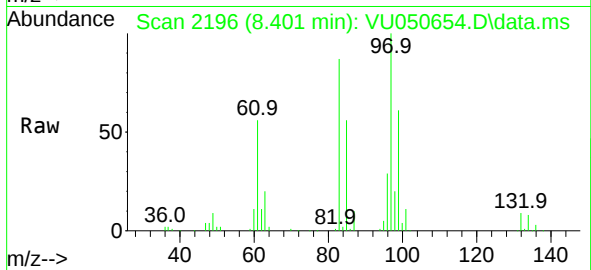




#45
1,1,2-Trichloroethane
Concen: 50.202 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

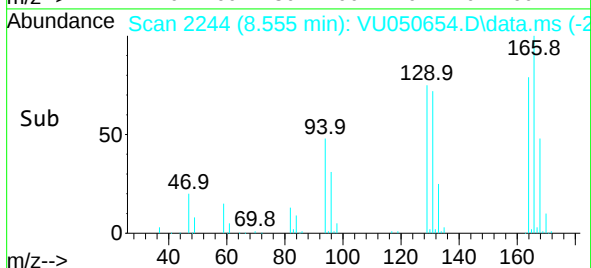
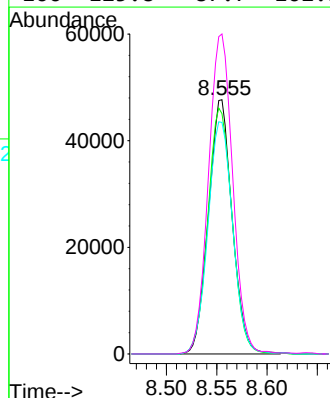
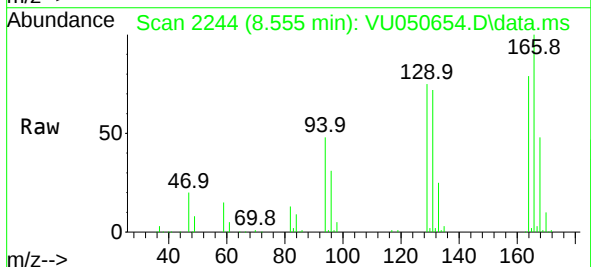
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

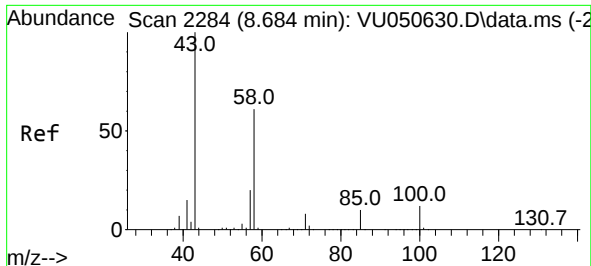
Tgt Ion:	97	Resp:	122383
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.5	80.9
83	86.5	61.6	114.4
85	56.0	38.8	72.0



#46
Tetrachloroethene
Concen: 47.909 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion:	164	Resp:	78334
Ion	Ratio	Lower	Upper
164	100		
129	94.5	68.7	127.5
131	91.0	66.2	123.0
166	125.8	87.7	162.9

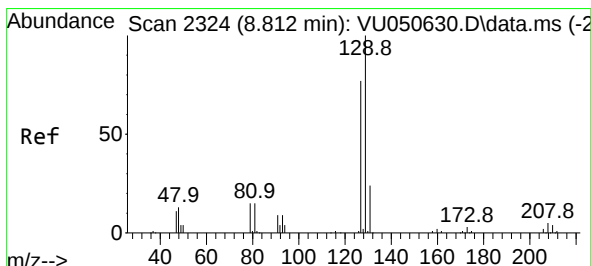
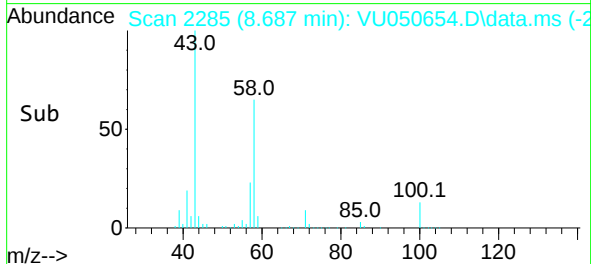
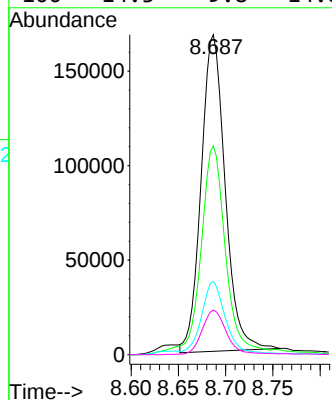
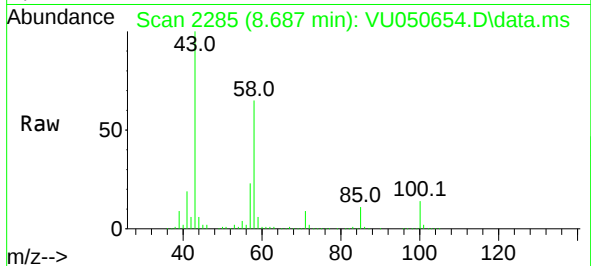




#48
2-Hexanone
Concen: 91.871 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

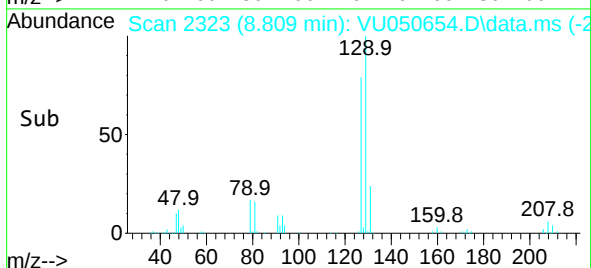
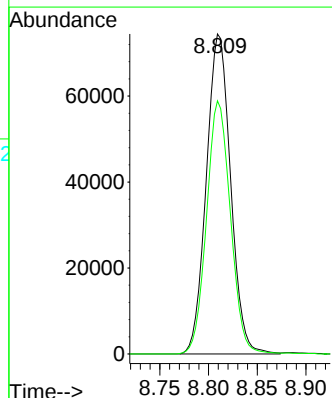
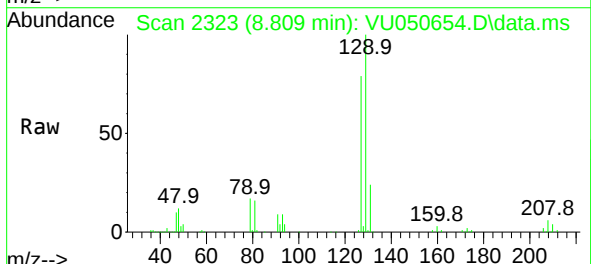
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

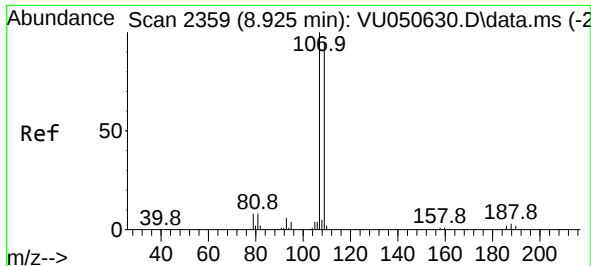
Tgt Ion: 43 Resp: 296508
Ion Ratio Lower Upper
43 100
58 68.1 51.8 77.6
57 22.2 17.0 25.4
100 14.3 9.8 14.8



#49
Dibromochloromethane
Concen: 55.493 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion: 129 Resp: 129032
Ion Ratio Lower Upper
129 100
127 79.1 53.8 100.0

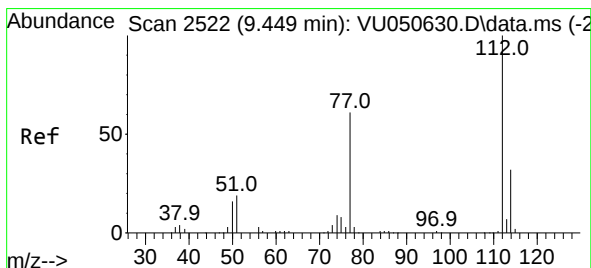
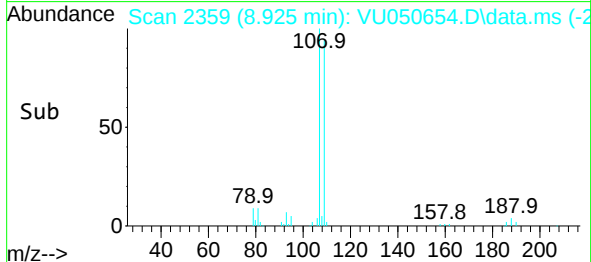
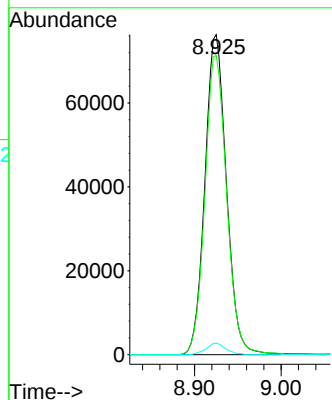
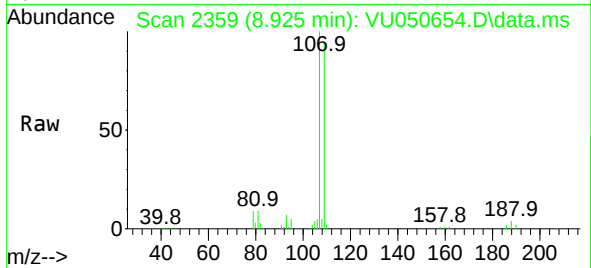




#50
1,2-Dibromoethane
Concen: 53.013 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

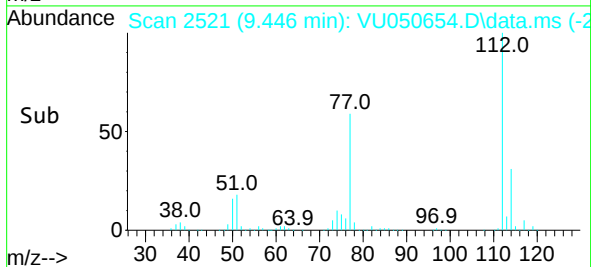
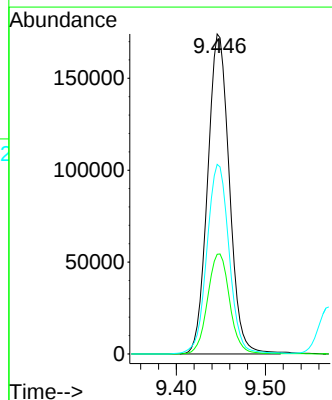
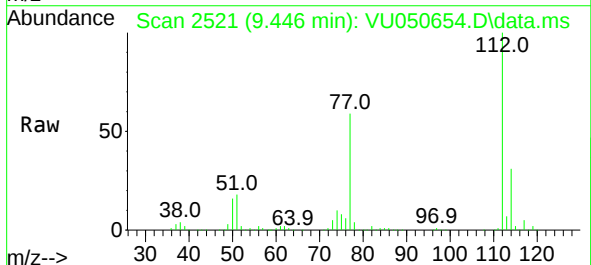
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

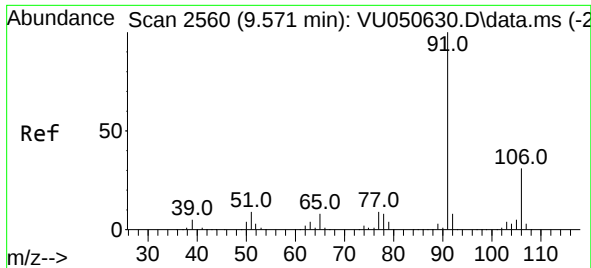
Tgt Ion:107 Resp: 131430
Ion Ratio Lower Upper
107 100
109 93.5 67.5 125.4
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 48.672 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion:112 Resp: 294795
Ion Ratio Lower Upper
112 100
114 31.1 22.1 41.1
77 59.3 49.2 73.8

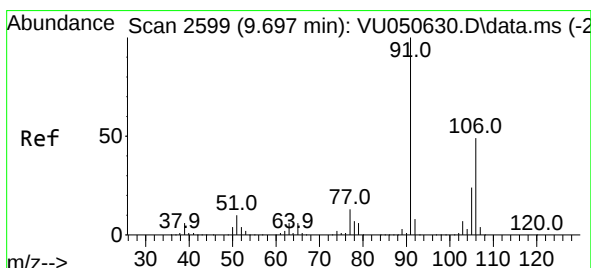
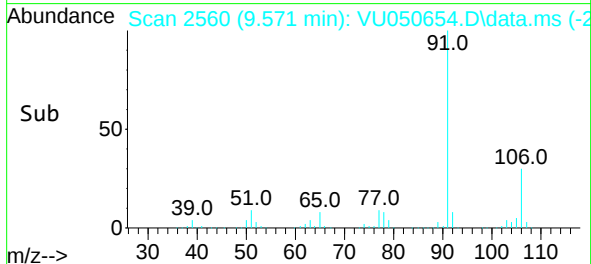
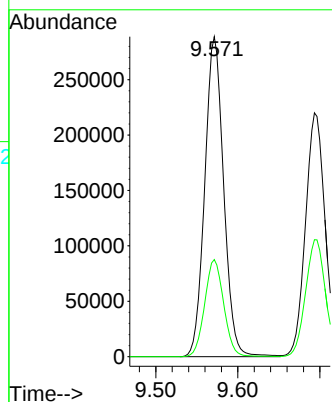
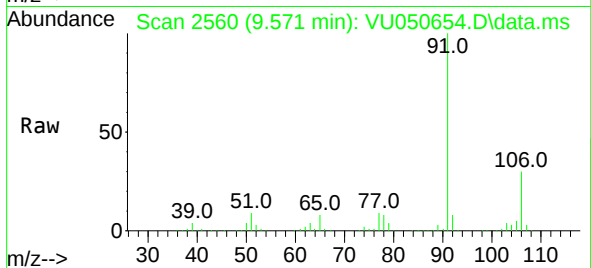




#52
Ethylbenzene
Concen: 48.059 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

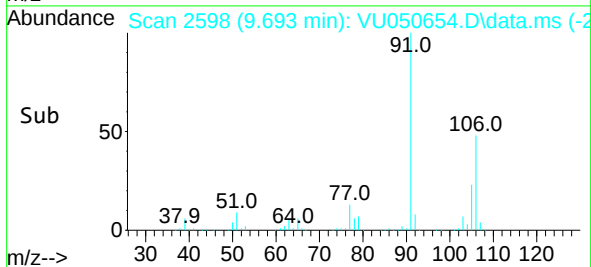
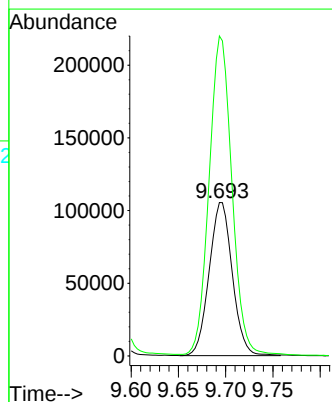
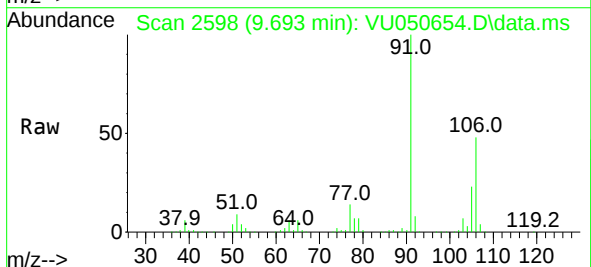
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

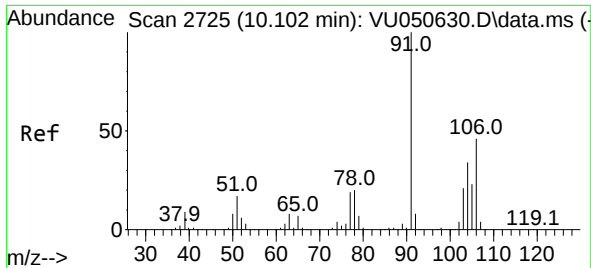
Tgt Ion: 91 Resp: 463331
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 48.524 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion: 106 Resp: 179229
Ion Ratio Lower Upper
106 100
91 208.6 147.1 273.3

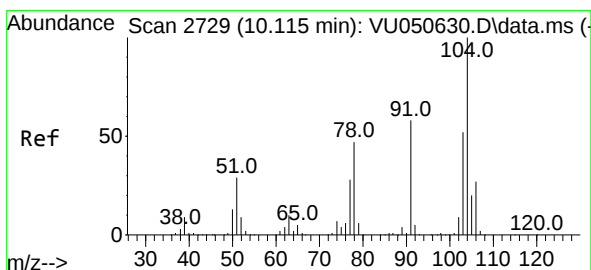
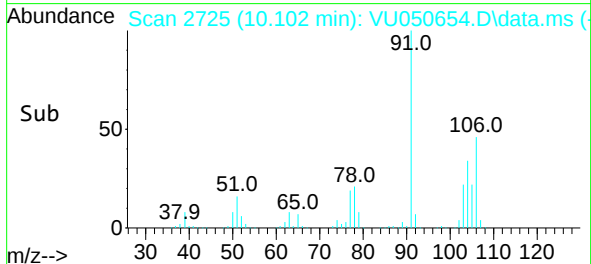
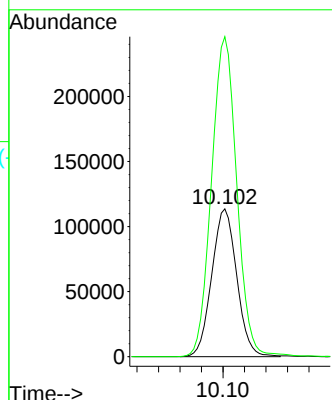
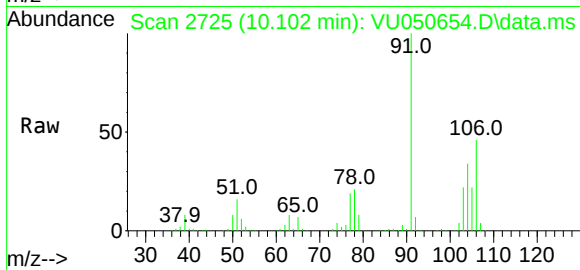




#54
o-Xylene
Concen: 49.902 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

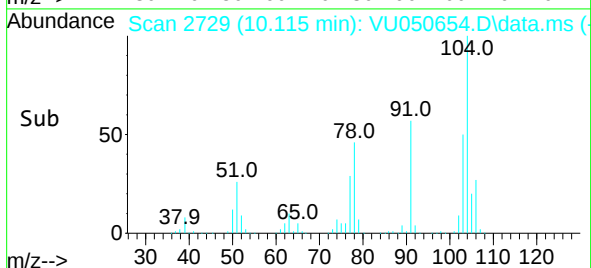
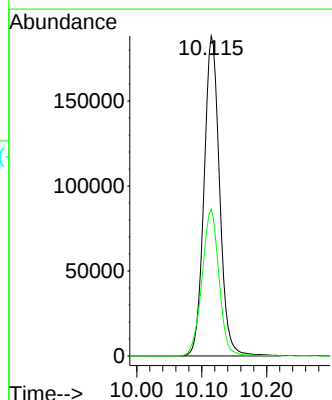
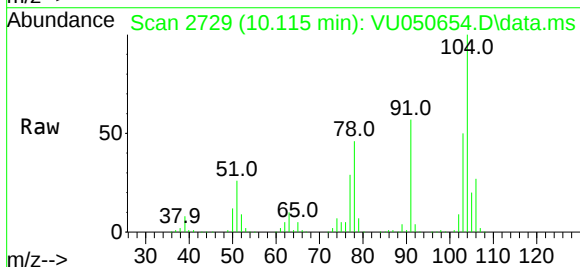
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

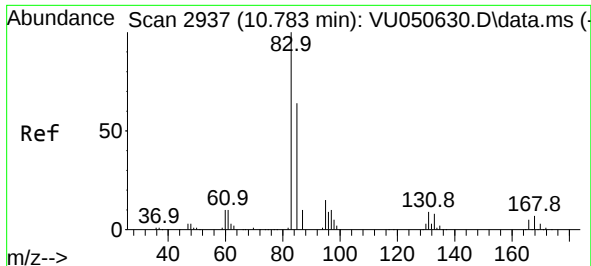
Tgt Ion:106 Resp: 183505
Ion Ratio Lower Upper
106 100
91 216.4 153.4 284.8



#55
Styrene
Concen: 52.009 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion:104 Resp: 314680
Ion Ratio Lower Upper
104 100
78 45.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 49.943 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050192

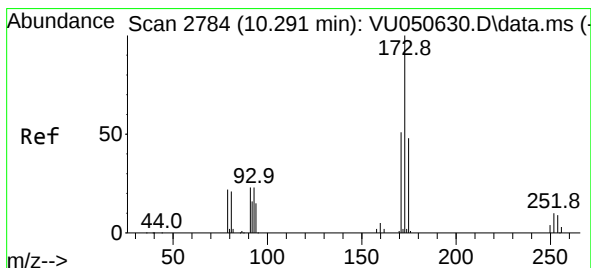
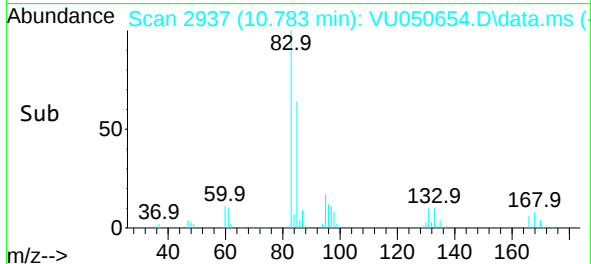
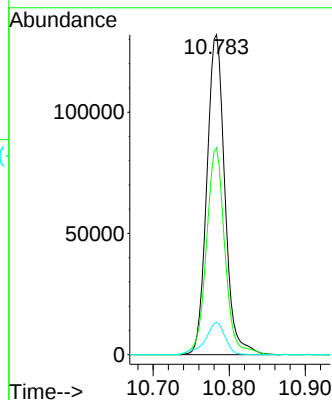
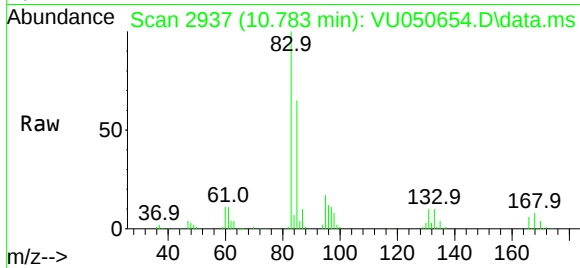
Tgt Ion: 83 Resp: 216868

Ion Ratio Lower Upper

83 100

85 64.6 45.5 84.5

131 10.1 7.7 11.5



#59

Bromoform

Concen: 54.052 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

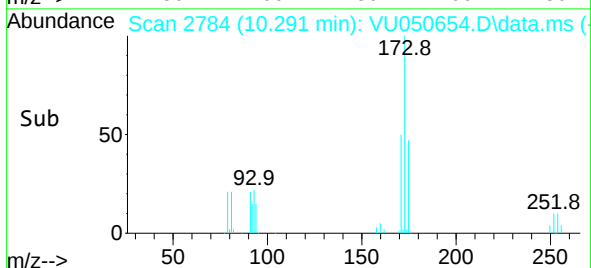
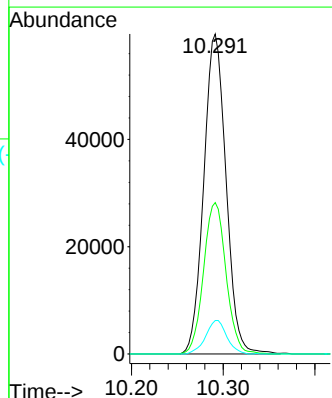
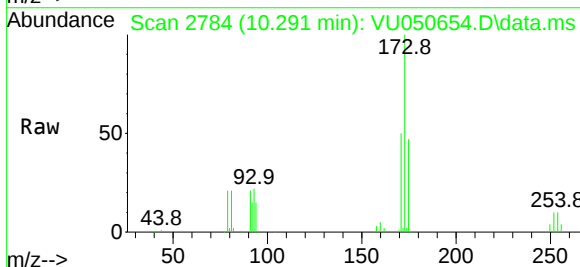
Tgt Ion: 173 Resp: 100704

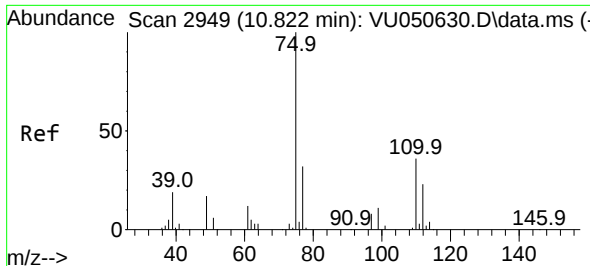
Ion Ratio Lower Upper

173 100

175 47.8 40.0 60.0

254 9.9 7.4 11.0

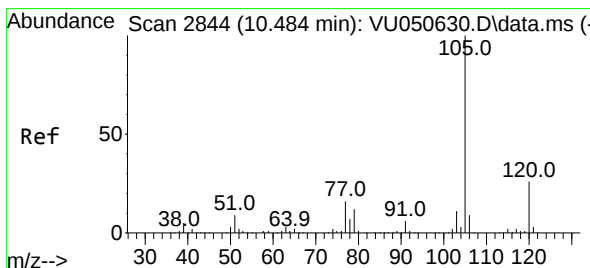
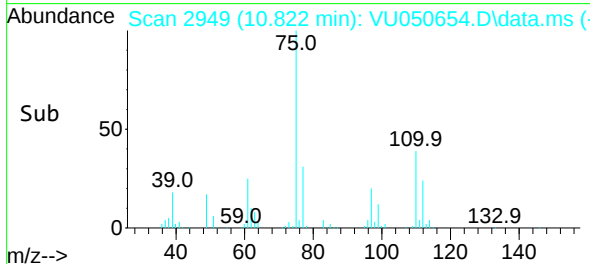
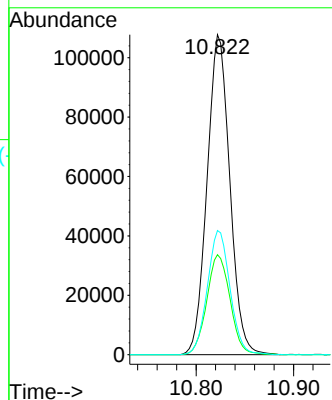
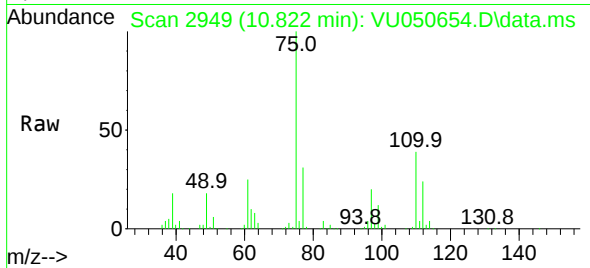




#60
1,2,3-Trichloropropane
Concen: 47.635 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

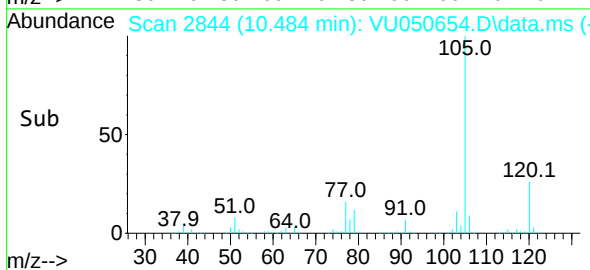
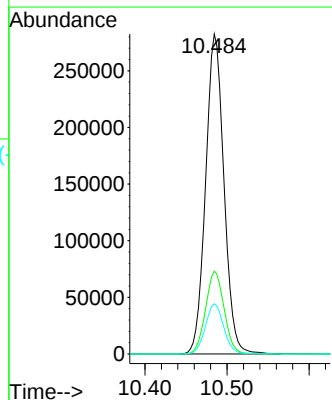
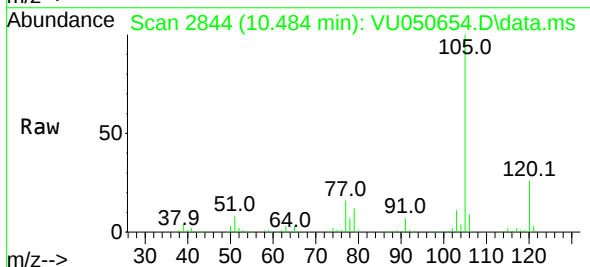
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

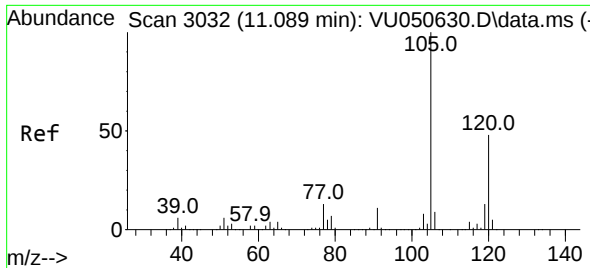
Tgt Ion: 75 Resp: 174528
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 38.7 29.3 43.9



#61
Isopropylbenzene
Concen: 44.315 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion: 105 Resp: 438020
Ion Ratio Lower Upper
105 100
120 26.2 20.4 30.6
77 15.7 12.8 19.2

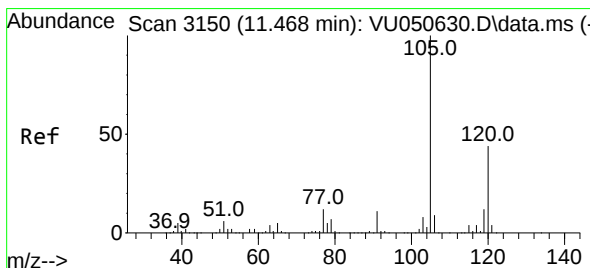
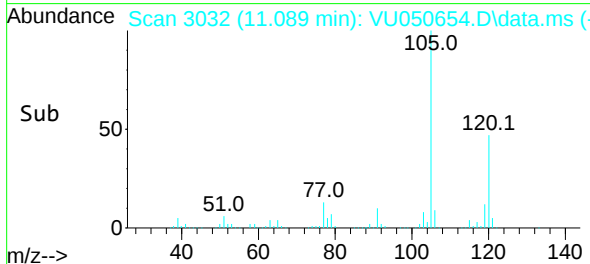
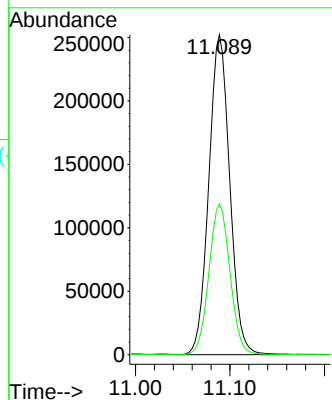
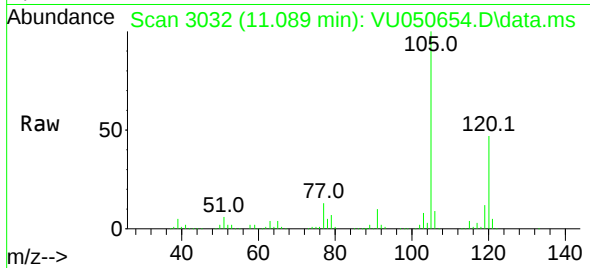




#62
 1,3,5-Trimethylbenzene
 Concen: 45.871 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050654.D
 Acq: 07 Sep 2022 12:08

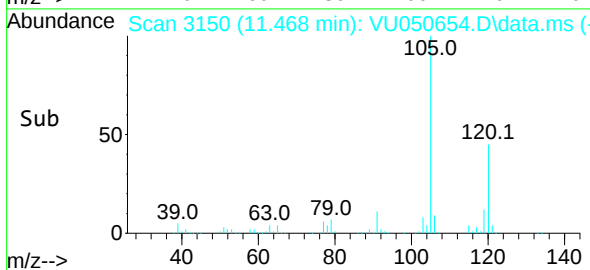
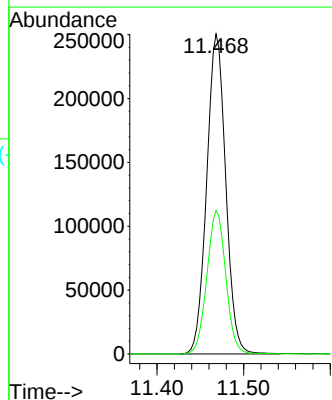
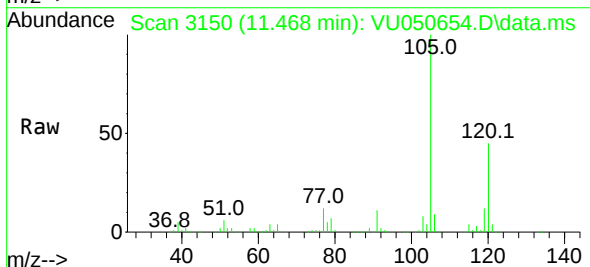
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050192

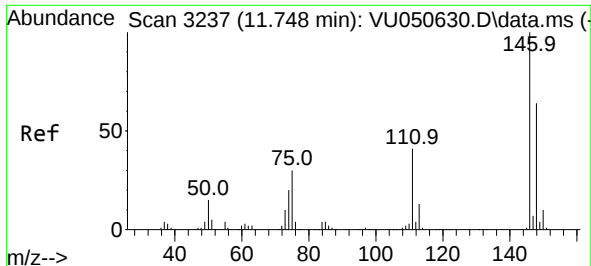
Tgt Ion:105 Resp: 387620
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 47.115 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050654.D
 Acq: 07 Sep 2022 12:08

Tgt Ion:105 Resp: 382317
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.3 52.9

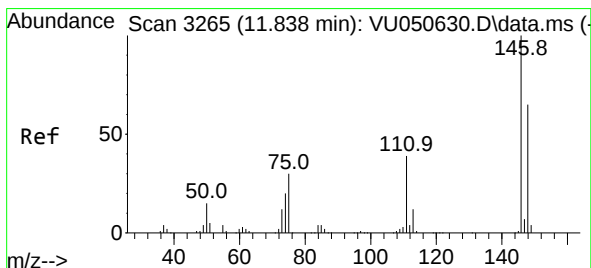
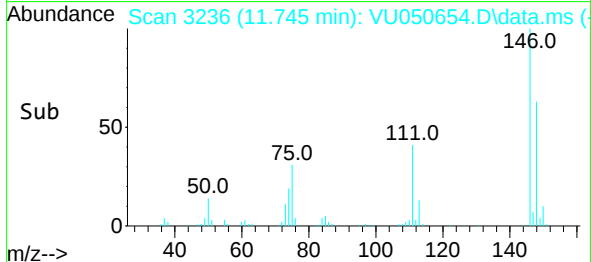
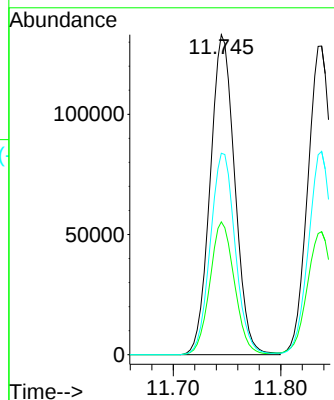
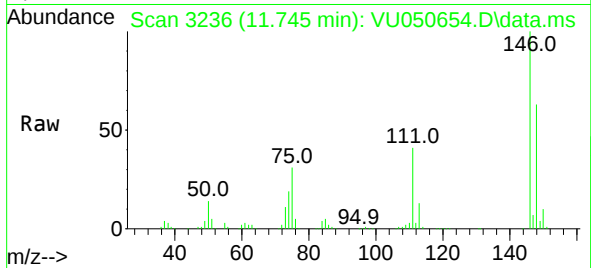




#64
1,3-Dichlorobenzene
Concen: 48.648 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

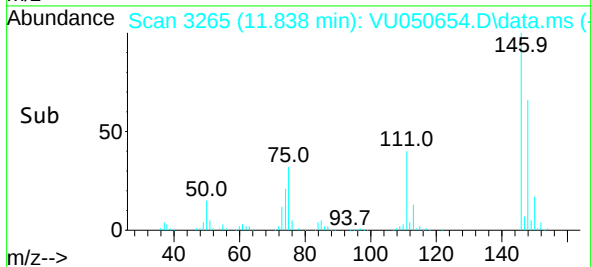
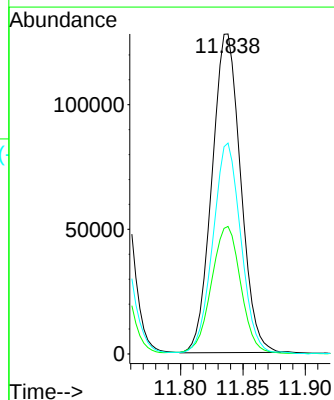
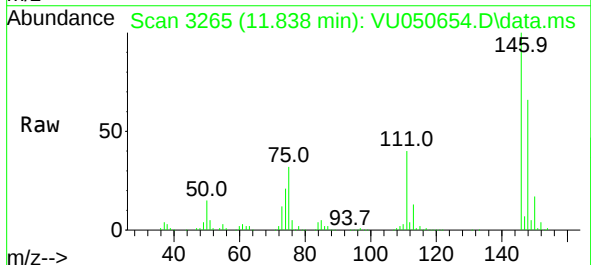
Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

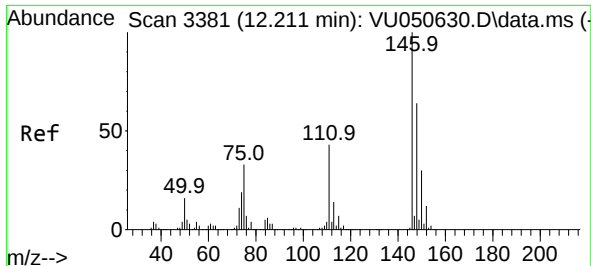
Tgt Ion:146 Resp: 211574
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 63.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 47.712 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion:146 Resp: 205110
Ion Ratio Lower Upper
146 100
111 39.9 27.9 51.7
148 65.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 47.850 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050192

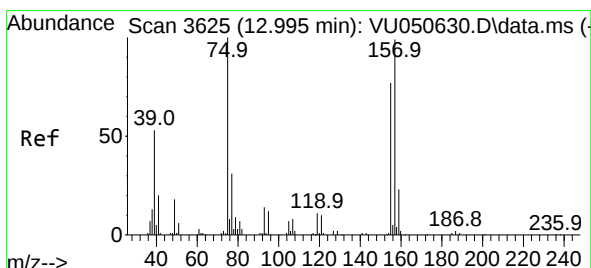
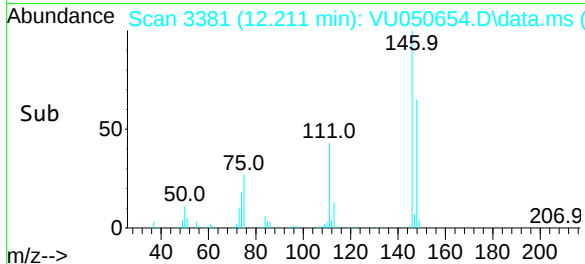
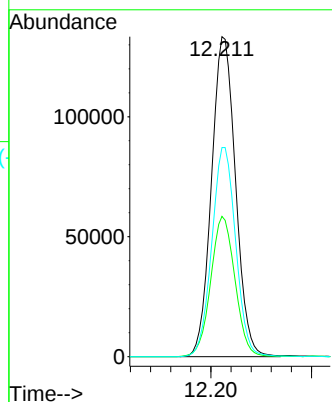
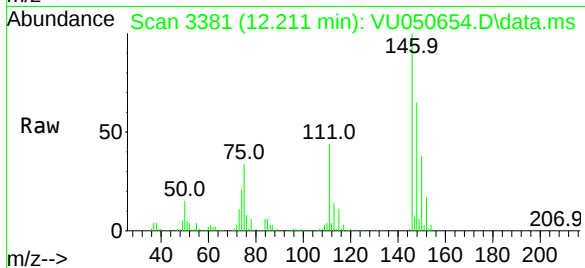
Tgt Ion:146 Resp: 221638

Ion Ratio Lower Upper

146 100

111 43.9 35.1 52.7

148 65.4 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 50.938 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

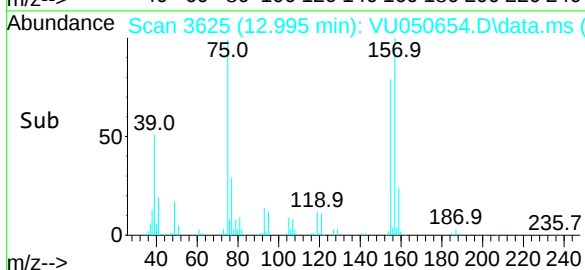
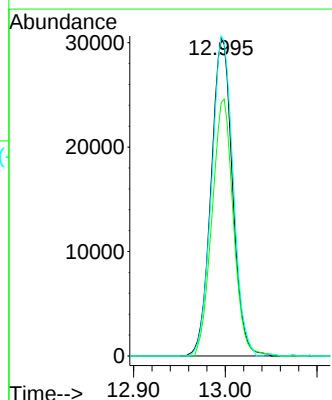
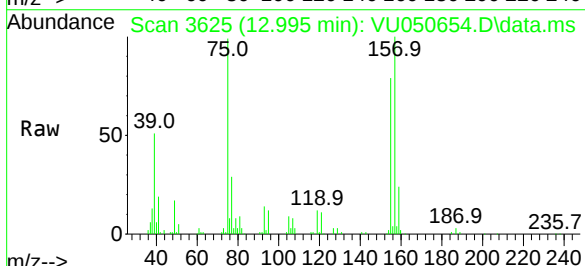
Tgt Ion: 75 Resp: 49285

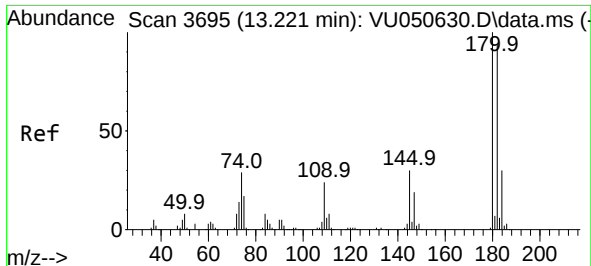
Ion Ratio Lower Upper

75 100

155 79.8 67.8 101.6

157 100.7 82.6 124.0





#69

1,3,5-Trichlorobenzene

Concen: 46.654 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD050192

Tgt Ion:180 Resp: 147249

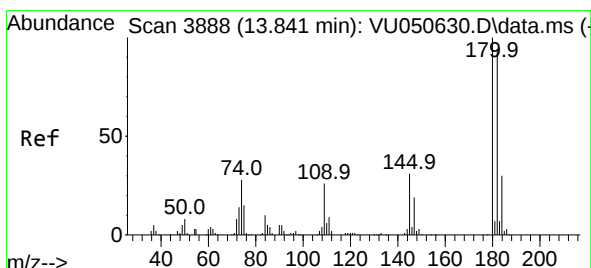
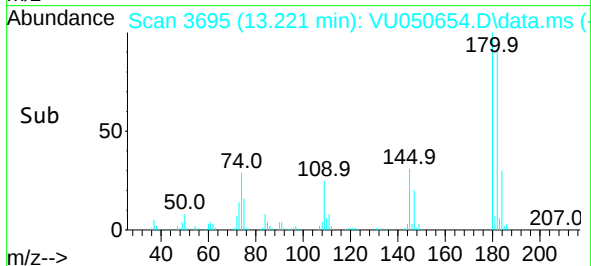
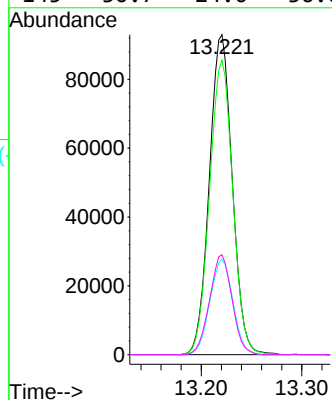
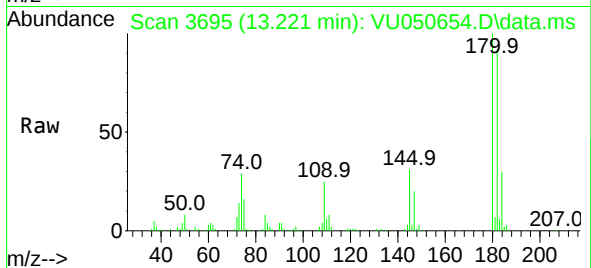
Ion Ratio Lower Upper

180 100

182 93.2 75.3 112.9

184 29.9 23.8 35.8

145 30.7 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 44.428 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050654.D

Acq: 07 Sep 2022 12:08

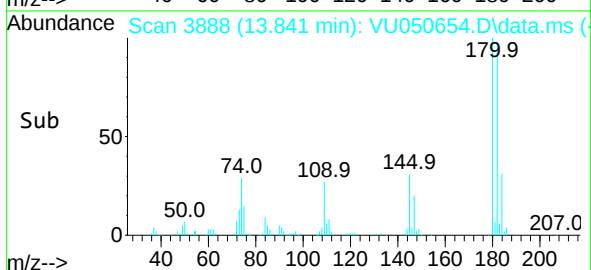
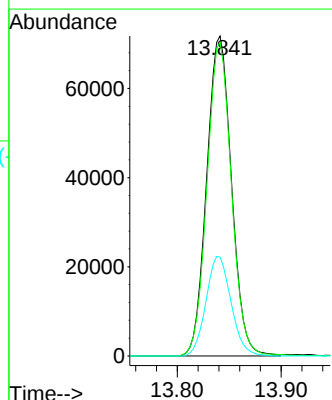
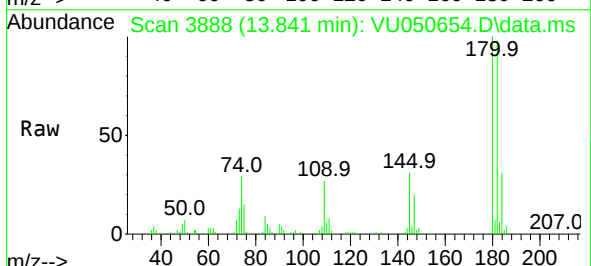
Tgt Ion:180 Resp: 119068

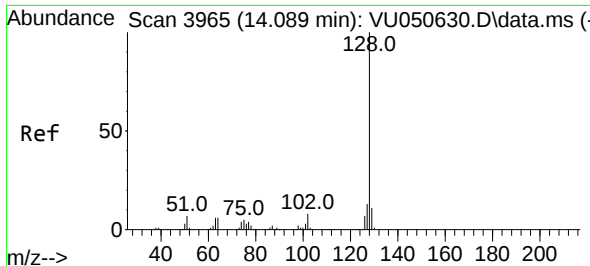
Ion Ratio Lower Upper

180 100

182 96.5 76.2 114.2

145 31.4 24.7 37.1

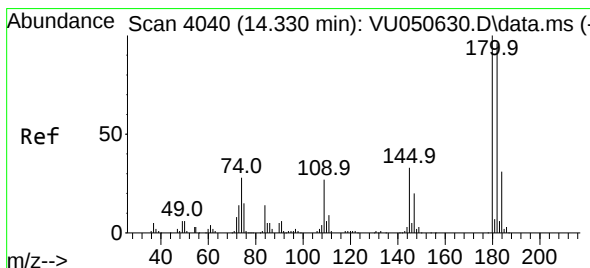
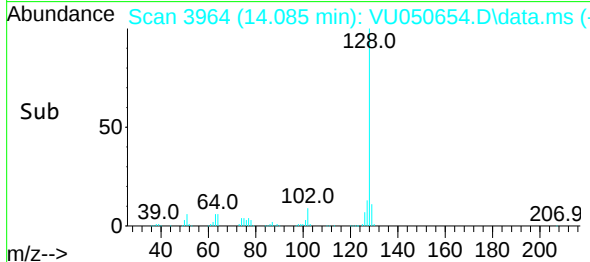
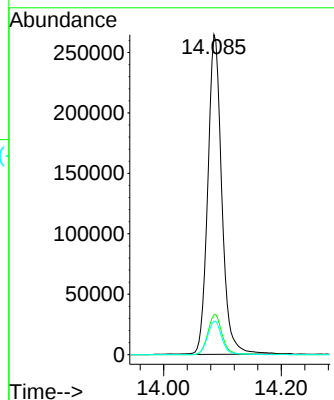
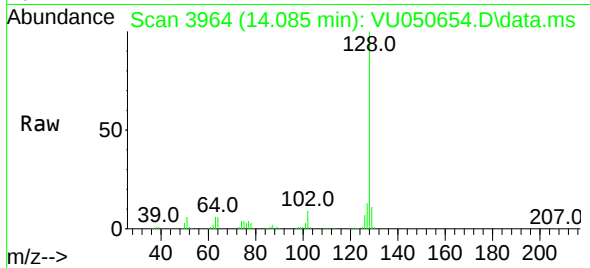




#71
Naphthalene
Concen: 45.932 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

Tgt Ion:128 Resp: 436446
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.7 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 46.592 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050654.D
Acq: 07 Sep 2022 12:08

Tgt Ion:180 Resp: 135221
Ion Ratio Lower Upper
180 100
182 97.4 76.1 114.1
145 33.3 26.4 39.6

