

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051995.D
 Acq On : 21 Nov 2022 14:16
 Operator : JC/MD
 Sample : VSTD00555
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 00:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:38:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	472673	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	454326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	195417	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	20222	5.216	ug/L	0.00
7) Chloroethane-d5	1.909	69	15462	4.866	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	30302	4.728	ug/L	0.00
21) 2-Butanone-d5	4.629	46	20714	7.888	ug/L	0.01
24) Chloroform-d	5.063	84	31906	4.604	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	20555	4.818	ug/L	0.00
32) Benzene-d6	5.726	84	62552	4.947	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	20653	5.000	ug/L	0.00
41) Toluene-d8	7.896	98	53148	4.653	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	8187	4.699	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	11413	6.451	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32216	4.587	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	21381	5.727	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13500	3.483	ug/L	98
3) Chloromethane	1.526	50	19535	3.847	ug/L	96
5) Vinyl chloride	1.604	62	19406	3.855	ug/L #	72
6) Bromomethane	1.848	94	9300	3.561	ug/L	97
8) Chloroethane	1.928	64	12795	4.207	ug/L	86
9) Trichlorofluoromethane	2.137	101	23291	3.998	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	15154	4.207	ug/L	99
12) 1,1-Dichloroethene	2.578	96	13716	4.019	ug/L	90
13) Acetone	2.623	43	24123	8.362	ug/L	96
14) Carbon disulfide	2.793	76	34872	3.257	ug/L	100
15) Methyl Acetate	2.951	43	17778	4.018	ug/L	94
16) Methylene chloride	3.044	84	24206	5.321	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	14410	4.088	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	42718	4.149	ug/L	98
19) 1,1-Dichloroethane	3.864	63	15662	2.233	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	15947	4.072	ug/L	99
22) 2-Butanone	4.706	43	25199	7.415	ug/L	96
23) Bromochloromethane	4.973	128	9049	4.140	ug/L	98
25) Chloroform	5.089	83	30339	4.192	ug/L	97
27) 1,2-Dichloroethane	5.796	62	22813	4.102	ug/L	97
29) Cyclohexane	5.388	56	17648	3.797	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	23341	4.384	ug/L	100
31) Carbon tetrachloride	5.523	117	19000	4.251	ug/L	100
33) Benzene	5.774	78	64619	4.382	ug/L	100
34) Trichloroethene	6.539	95	15469	4.361	ug/L	93
35) Methylcyclohexane	6.761	83	19288	3.854	ug/L	94
37) 1,2-Dichloropropane	6.787	63	18266	4.502	ug/L #	95
38) Bromodichloromethane	7.105	83	22705	4.396	ug/L	92
39) cis-1,3-Dichloropropene	7.607	75	21408	3.982	ug/L	93
40) 4-Methyl-2-pentanone	7.790	43	38615	7.204	ug/L	96
42) Toluene	7.970	91	61298	4.052	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	20731	4.002	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051995.D
 Acq On : 21 Nov 2022 14:16
 Operator : JC/MD
 Sample : VSTD00555
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

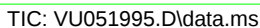
Quant Time: Nov 22 00:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:38:01 2022
 Response via : Initial Calibration

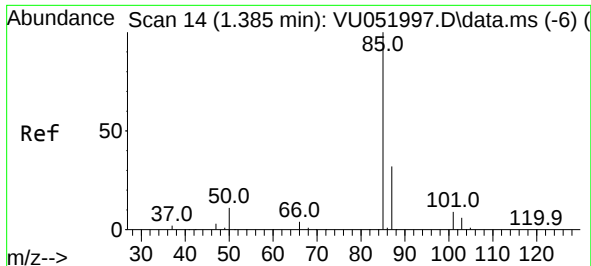
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	17820	4.399	ug/L	95
46) Tetrachloroethene	8.552	164	11972	4.548	ug/L	95
48) 2-Hexanone	8.684	43	32656	7.226	ug/L	91
49) Dibromochloromethane	8.806	129	17233	4.149	ug/L	95
50) 1,2-Dibromoethane	8.922	107	16978	4.090	ug/L	94
51) Chlorobenzene	9.446	112	42166	4.233	ug/L	94
52) Ethylbenzene	9.568	91	58715	3.841	ug/L	98
53) m,p-Xylene	9.693	106	22061	3.756	ug/L	97
54) o-Xylene	10.098	106	21251	3.612	ug/L	100
55) Styrene	10.115	104	33222	3.285	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.780	83	30932	4.024	ug/L	100
59) Bromoform	10.288	173	13030	4.762	ug/L #	94
60) 1,2,3-Trichloropropane	10.819	75	23964	4.754	ug/L	99
61) Isopropylbenzene	10.481	105	52255	4.212	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	36790	3.538	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	34345	3.372	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	26959	4.304	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	29037	4.524	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	28515	4.355	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	5683	4.214	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	17582	4.204	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	12570	3.863	ug/L	99
71) Naphthalene	14.085	128	34652	3.300	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	13836	3.981	ug/L	97

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

Instrument :
MSVOA_U
ClientSampleId :

Instrument :
MSVOA_U
ClientSampleId :

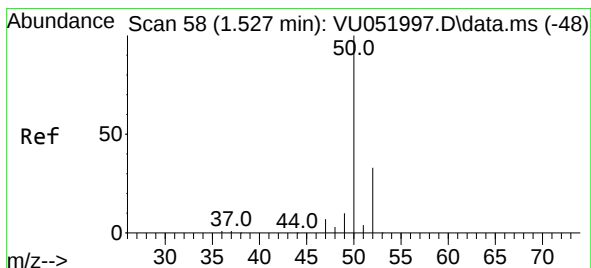
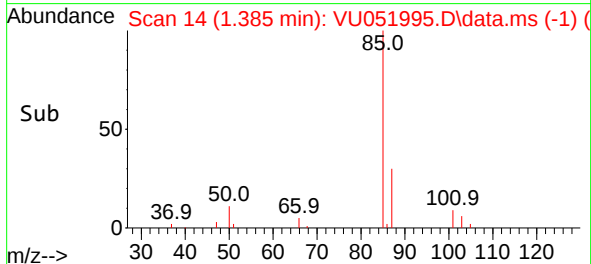
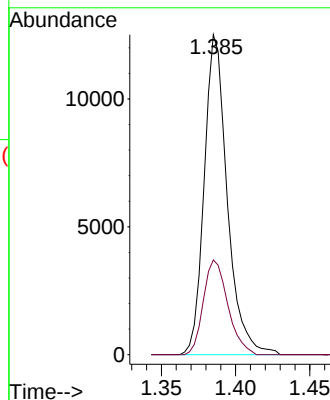
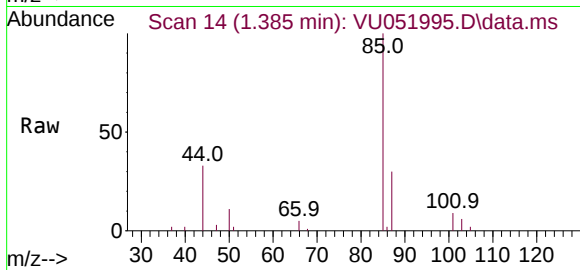




#2
Dichlorodifluoromethane
Concen: 3.483 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

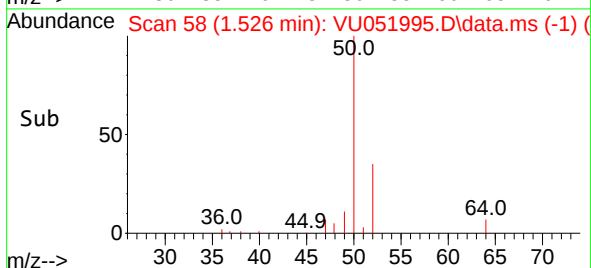
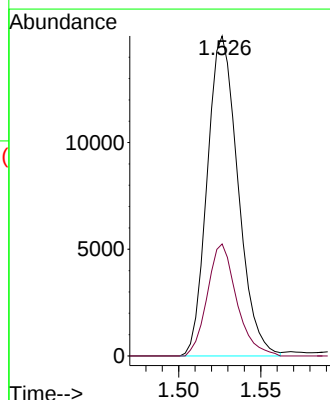
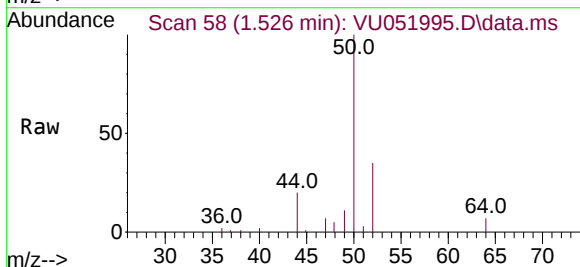
Instrument :
MSVOA_U
ClientSampleId :

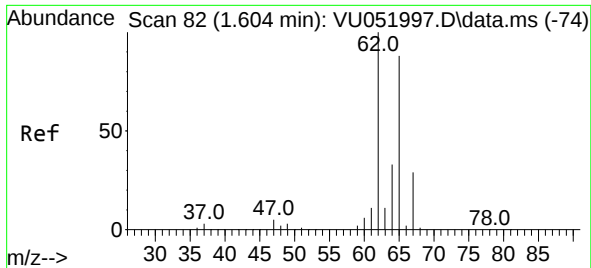
Tgt Ion: 85 Resp: 13500
Ion Ratio Lower Upper
85 100
87 31.3 25.9 38.9



#3
Chloromethane
Concen: 3.847 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion: 50 Resp: 19535
Ion Ratio Lower Upper
50 100
52 35.0 23.1 42.9

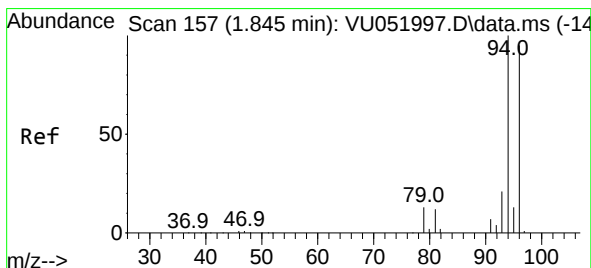
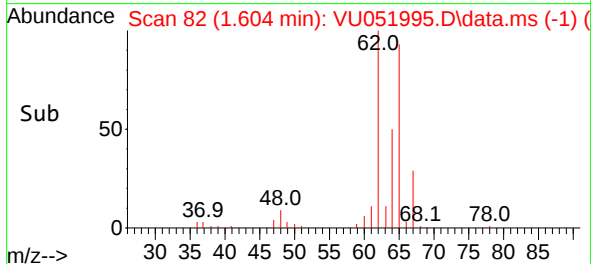
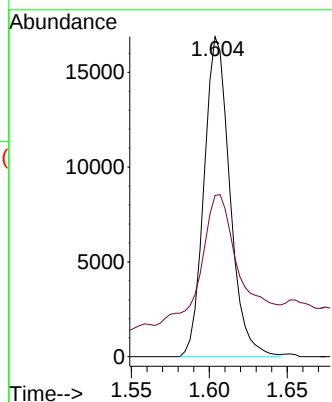
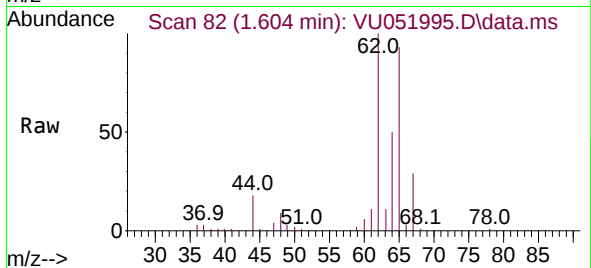




#5
 Vinyl chloride
 Concen: 3.855 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051995.D
 Acq: 21 Nov 2022 14:16

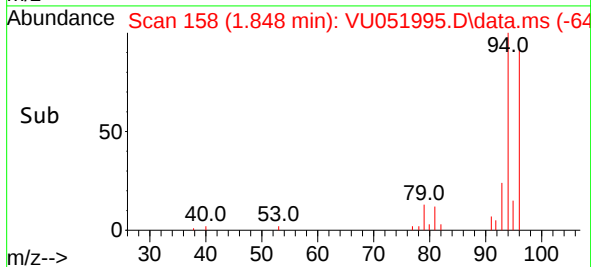
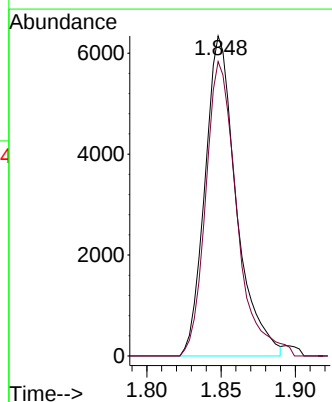
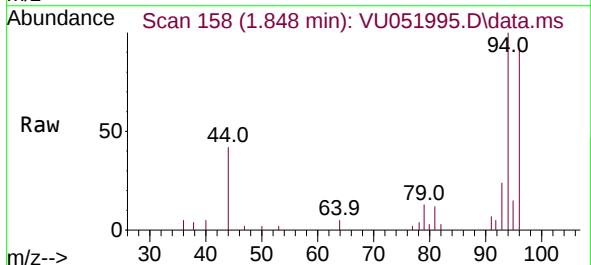
Instrument :
 MSVOA_U
 ClientSampleId :

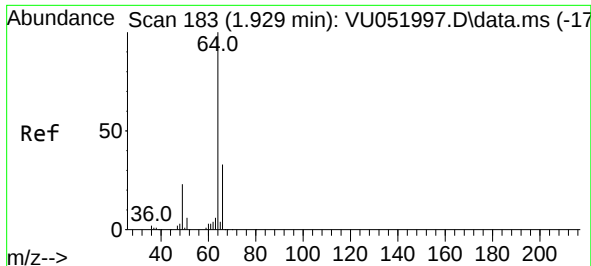
Tgt Ion: 62 Resp: 19406
 Ion Ratio Lower Upper
 62 100
 64 50.4 23.9 44.3#



#6
 Bromomethane
 Concen: 3.561 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VU051995.D
 Acq: 21 Nov 2022 14:16

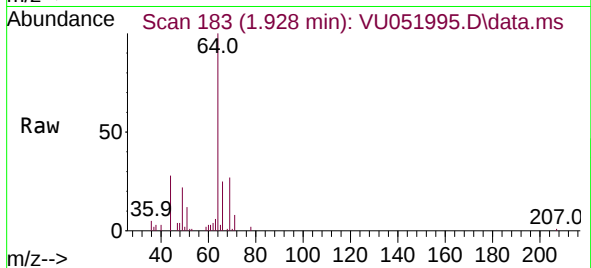
Tgt Ion: 94 Resp: 9300
 Ion Ratio Lower Upper
 94 100
 96 92.0 66.8 124.0



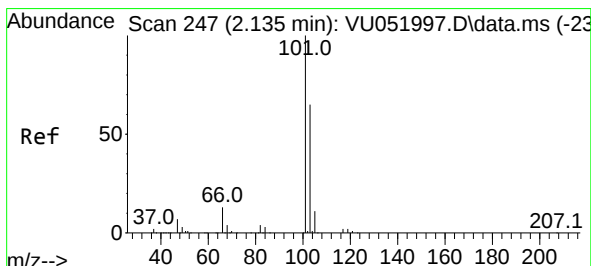
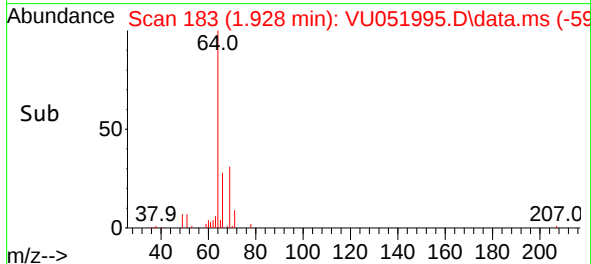
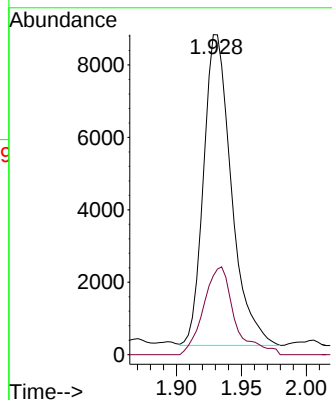


#8
Chloroethane
Concen: 4.207 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Instrument :
MSVOA_U
ClientSampleId :

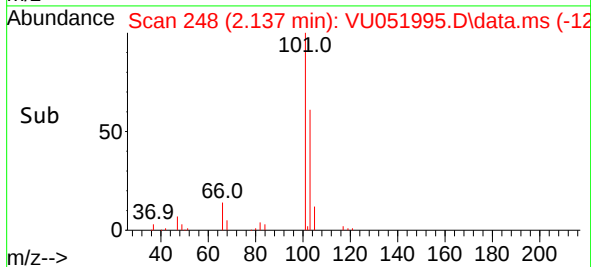
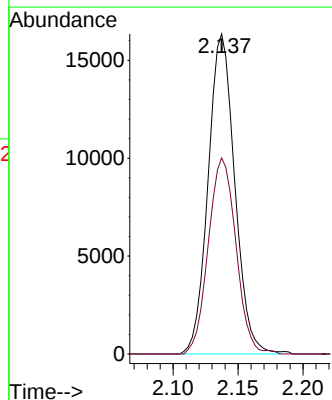
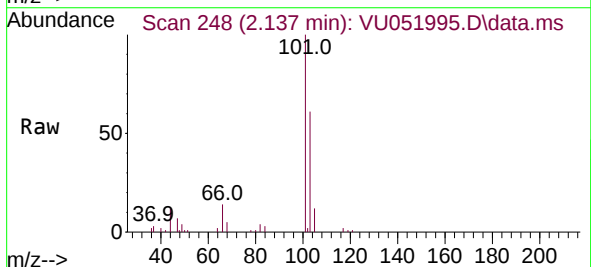


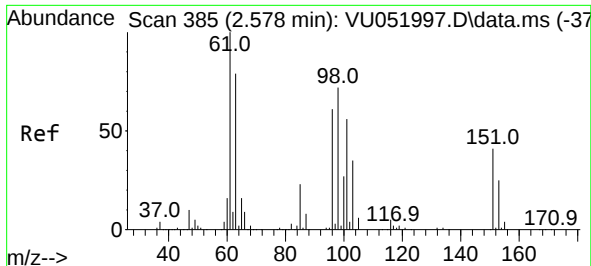
Tgt Ion: 64 Resp: 12795
Ion Ratio Lower Upper
64 100
66 24.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 3.998 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion: 101 Resp: 23291
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3

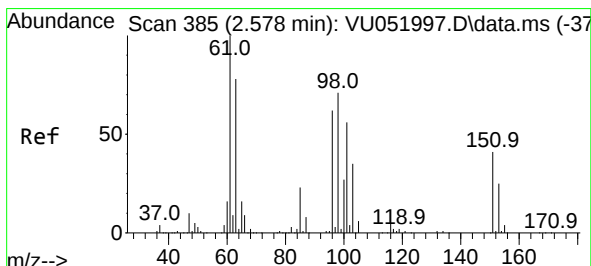
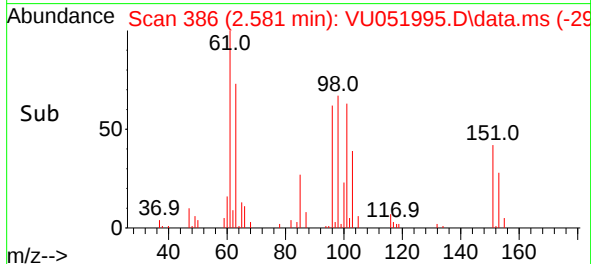
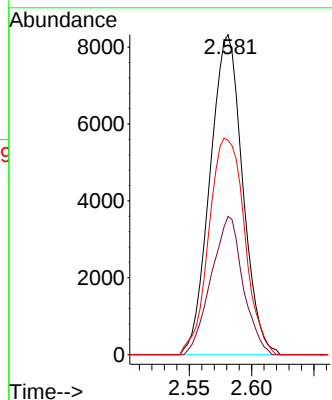
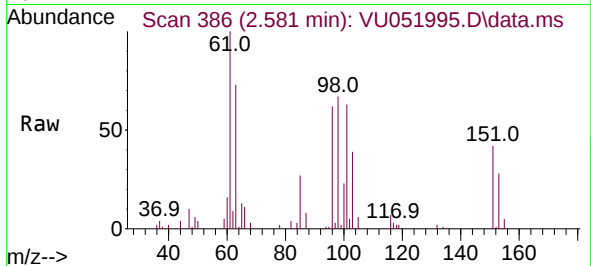




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.207 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051995.D
 Acq: 21 Nov 2022 14:16

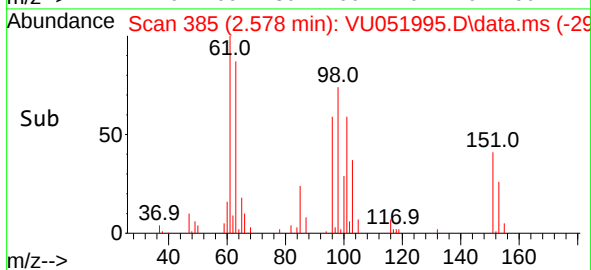
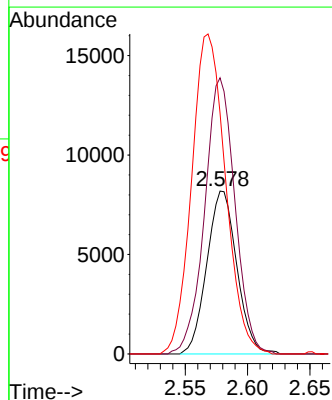
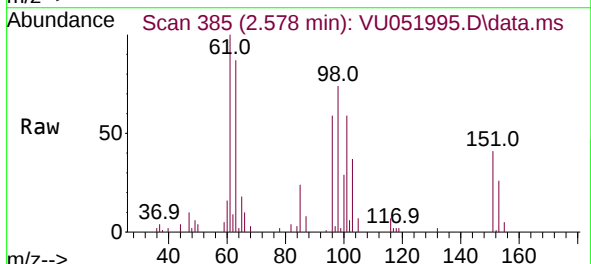
Instrument :
 MSVOA_U
 ClientSampleId :

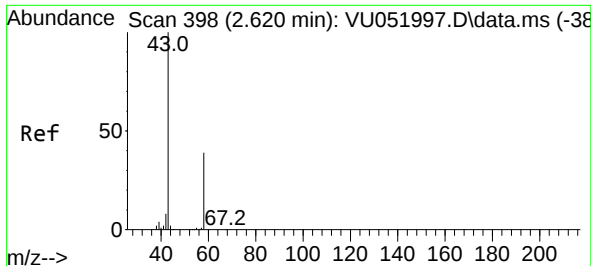
Tgt Ion:101 Resp: 15154
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.6 50.4
 151 74.2 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 4.019 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051995.D
 Acq: 21 Nov 2022 14:16

Tgt Ion: 96 Resp: 13716
 Ion Ratio Lower Upper
 96 100
 61 169.4 114.2 212.0
 63 147.9 90.9 168.7





#13

Acetone

Concen: 8.362 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

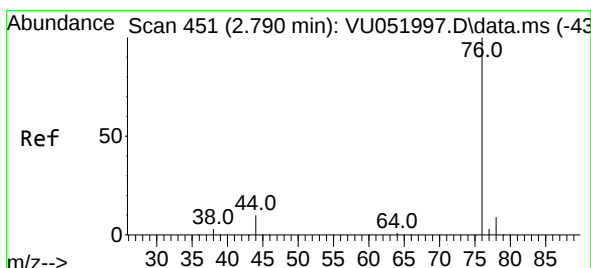
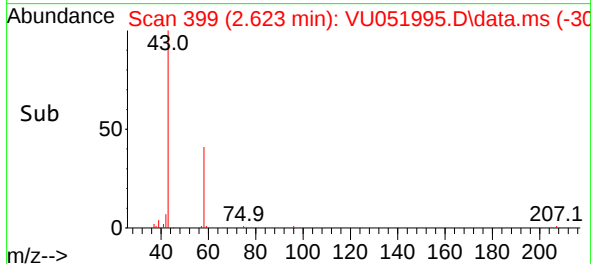
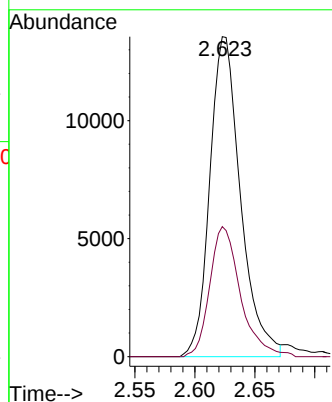
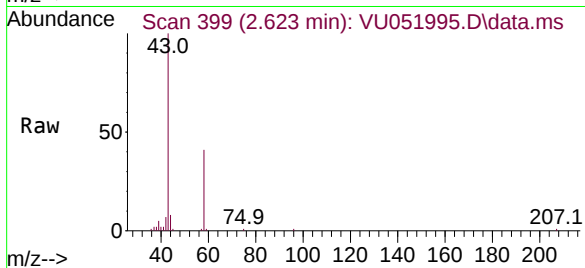
ClientSampleId :

Tgt Ion: 43 Resp: 24123

Ion Ratio Lower Upper

43 100

58 40.6 0.0 76.6



#14

Carbon disulfide

Concen: 3.257 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051995.D

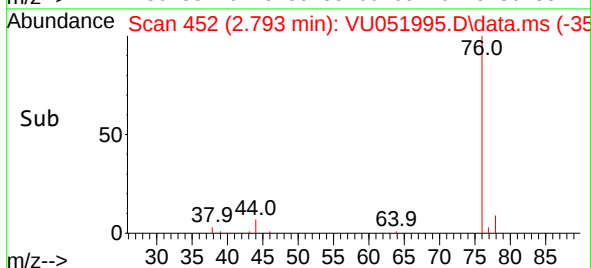
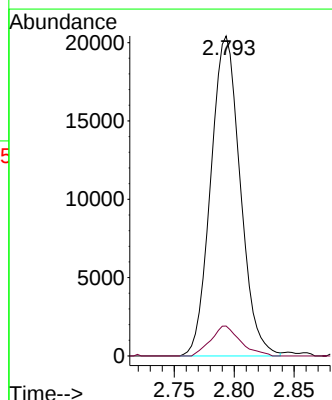
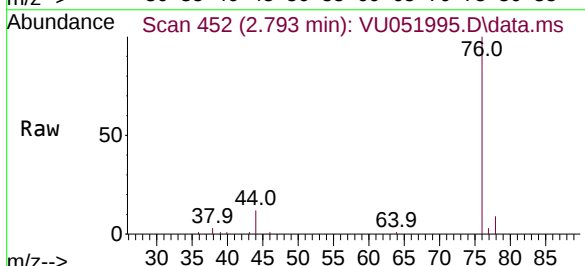
Acq: 21 Nov 2022 14:16

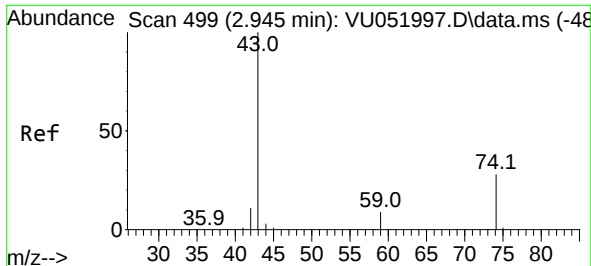
Tgt Ion: 76 Resp: 34872

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

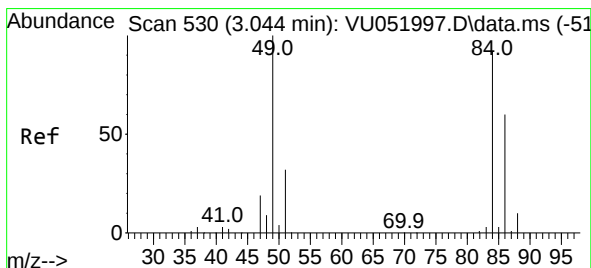
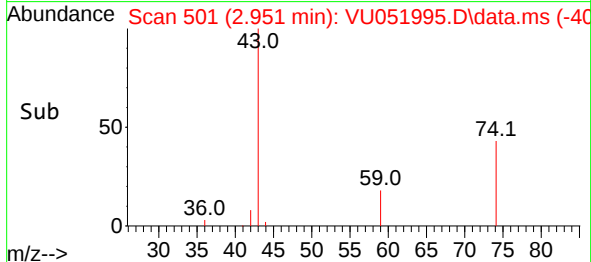
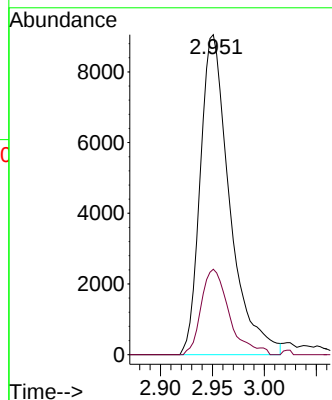
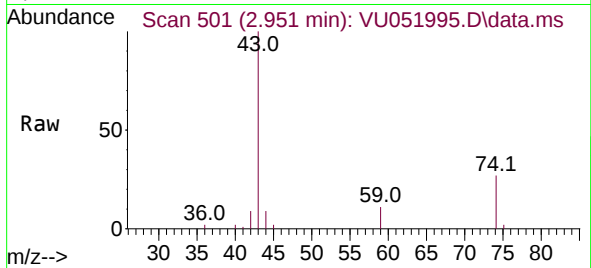




#15
Methyl Acetate
Concen: 4.018 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

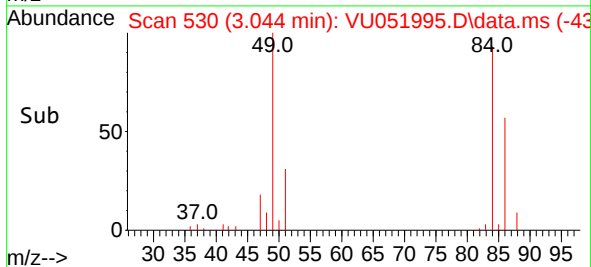
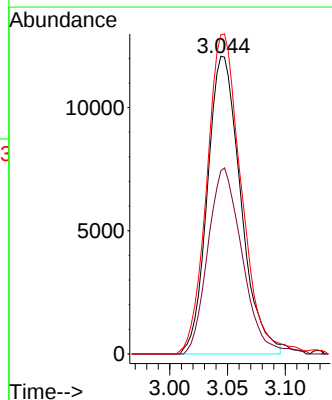
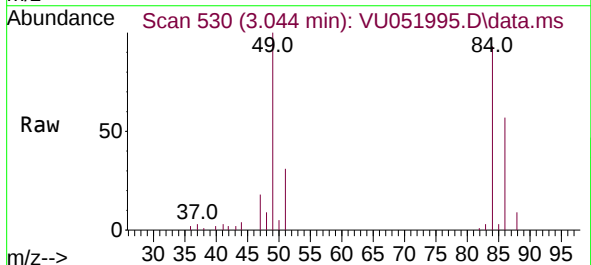
Instrument :
MSVOA_U
ClientSampleId :

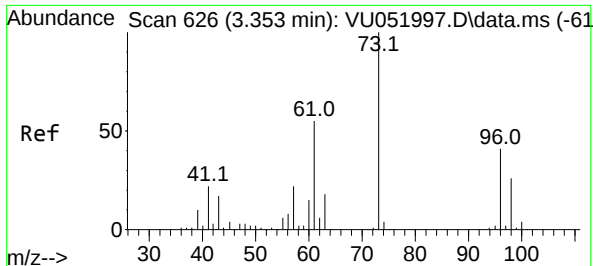
Tgt Ion: 43 Resp: 17778
Ion Ratio Lower Upper
43 100
74 24.9 22.2 33.4



#16
Methylene chloride
Concen: 5.321 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion: 84 Resp: 24206
Ion Ratio Lower Upper
84 100
86 61.5 45.2 84.0
49 107.2 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 4.088 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

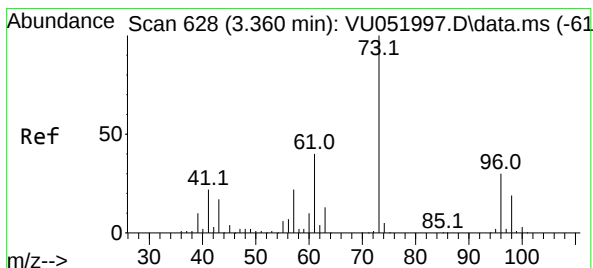
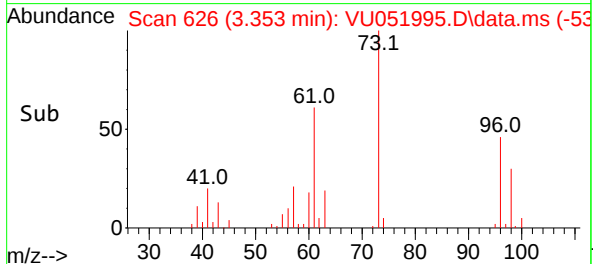
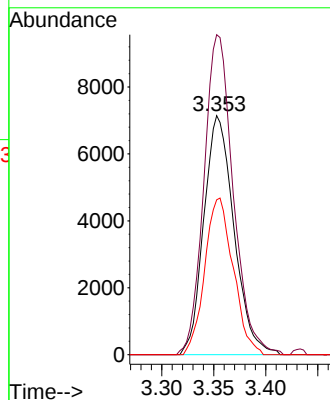
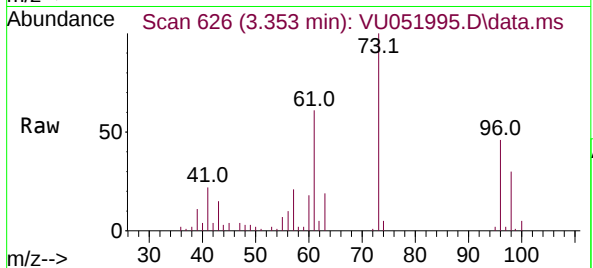
Tgt Ion: 96 Resp: 14410

Ion Ratio Lower Upper

96 100

61 133.9 93.9 174.3

98 64.8 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 4.149 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

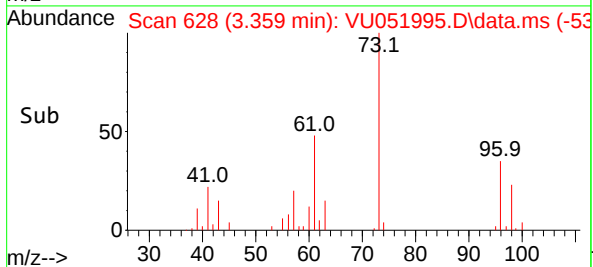
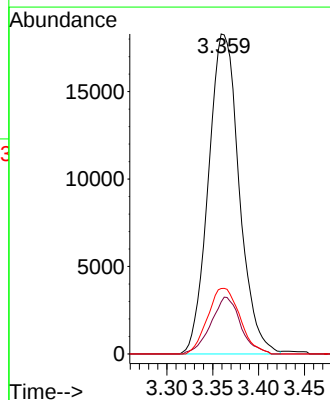
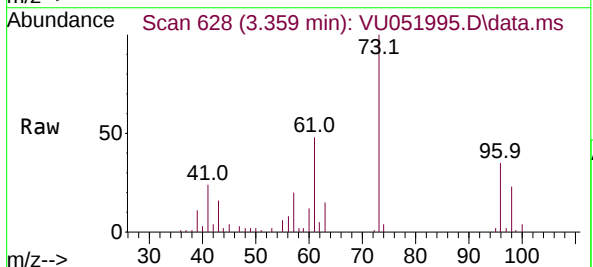
Tgt Ion: 73 Resp: 42718

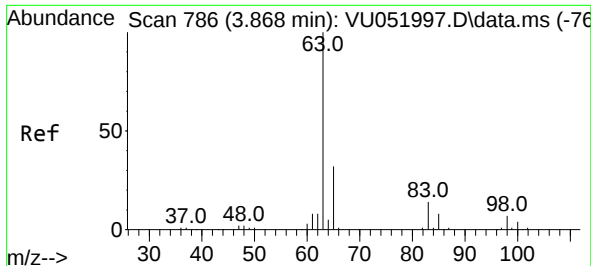
Ion Ratio Lower Upper

73 100

43 17.2 13.1 19.7

57 21.5 17.8 26.6





#19

1,1-Dichloroethane

Concen: 2.233 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.004 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

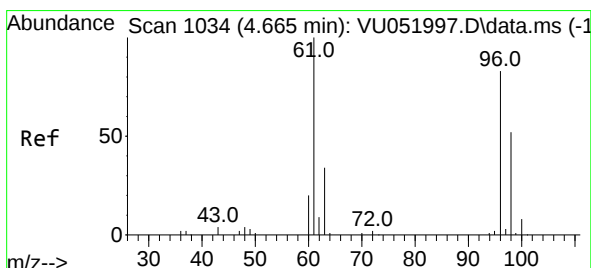
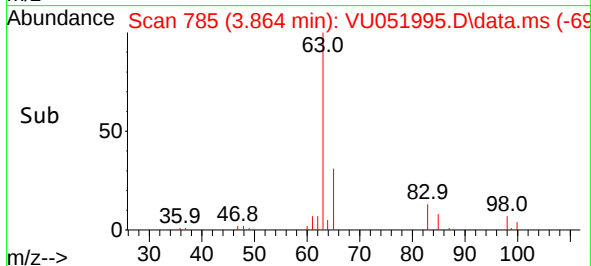
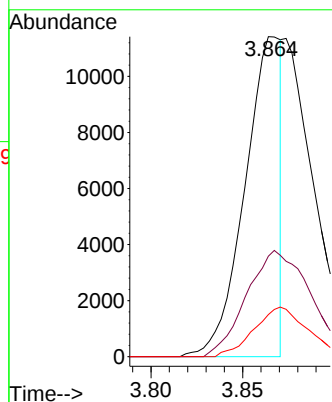
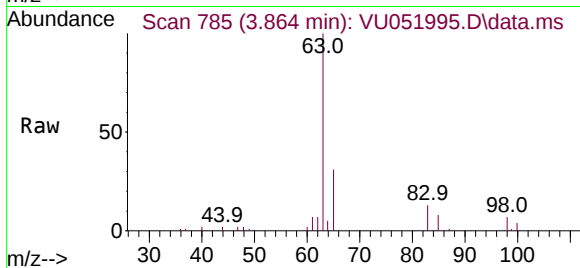
Tgt Ion: 63 Resp: 15662

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.3

83 13.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 4.072 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

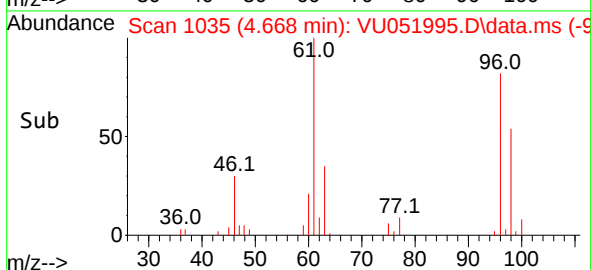
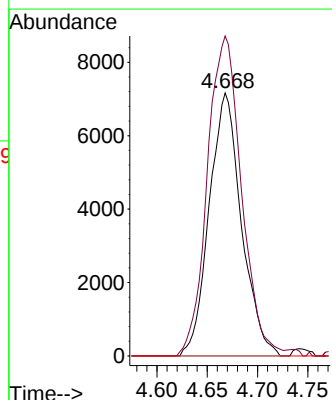
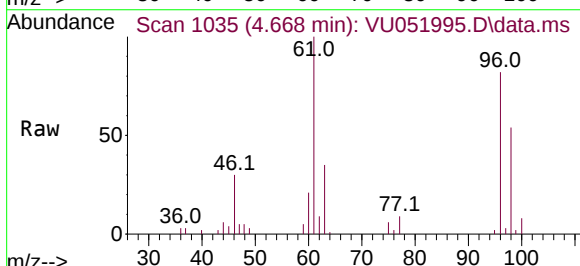
Tgt Ion: 96 Resp: 15947

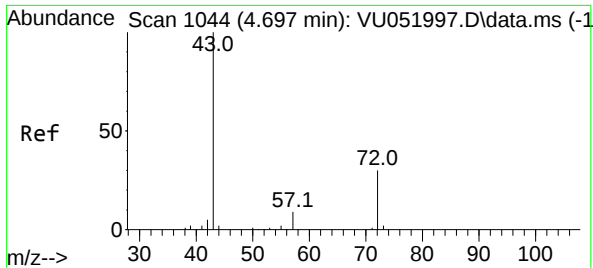
Ion Ratio Lower Upper

96 100

61 121.6 84.5 156.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 7.415 ug/L

RT: 4.706 min Scan# 110

Delta R.T. 0.009 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

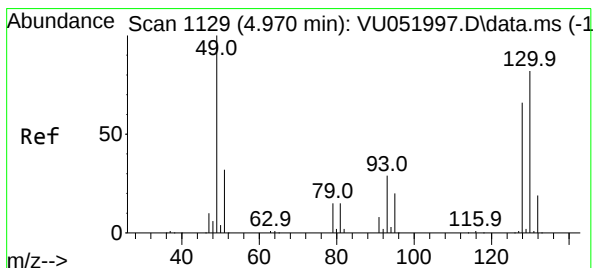
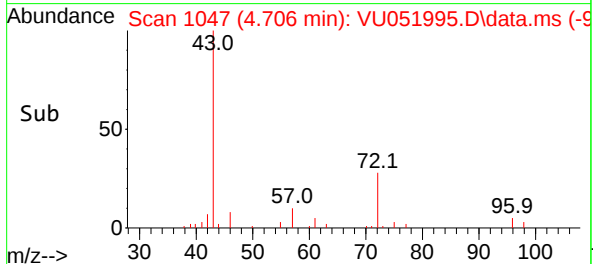
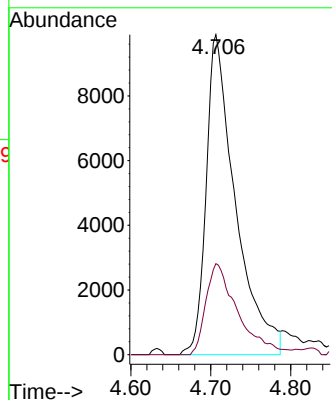
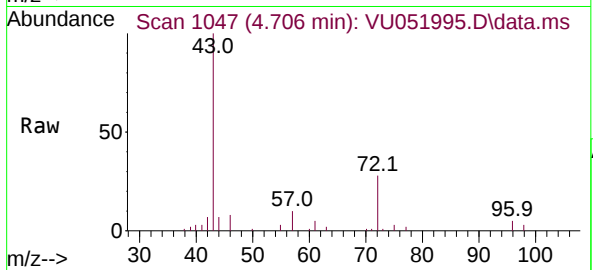
ClientSampleId :

Tgt Ion: 43 Resp: 25199

Ion Ratio Lower Upper

43 100

72 29.6 15.9 47.7



#23

Bromochloromethane

Concen: 4.140 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Tgt Ion:128 Resp: 9049

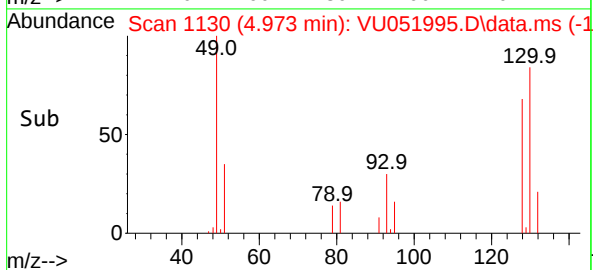
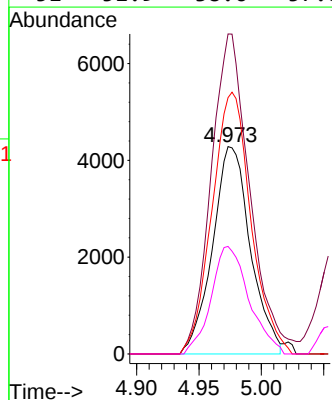
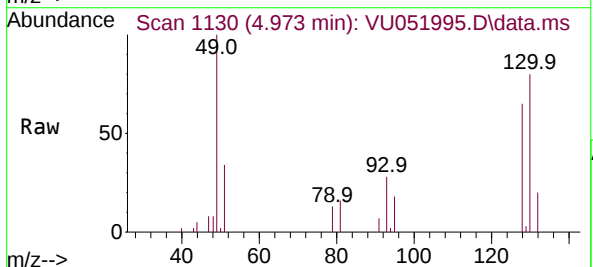
Ion Ratio Lower Upper

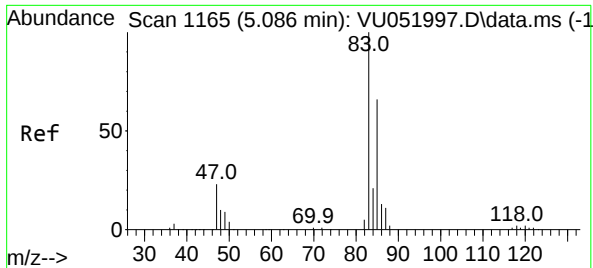
128 100

49 154.3 106.3 197.3

130 123.5 87.4 162.2

51 51.9 38.6 57.8

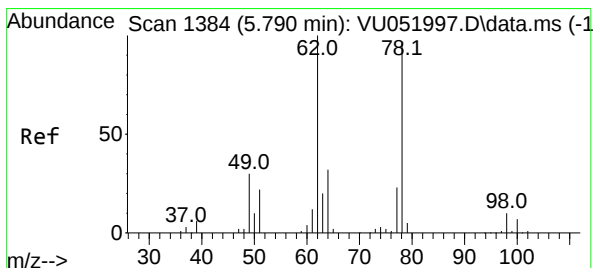
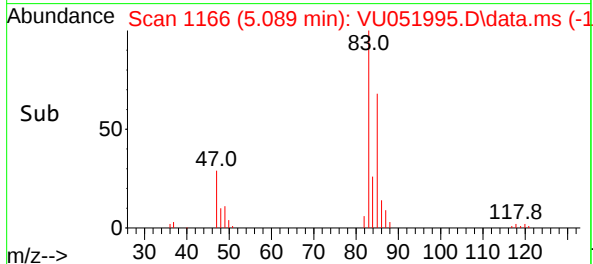
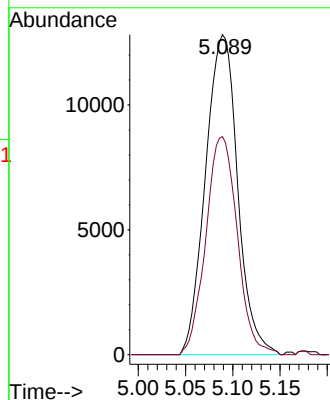
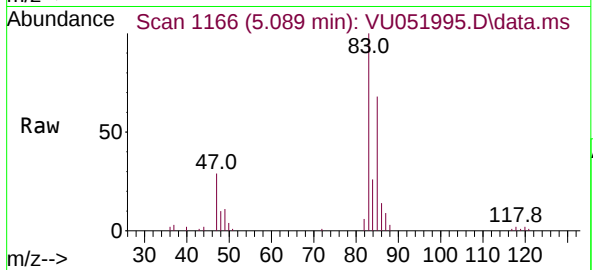




#25
Chloroform
Concen: 4.192 ug/L
RT: 5.089 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

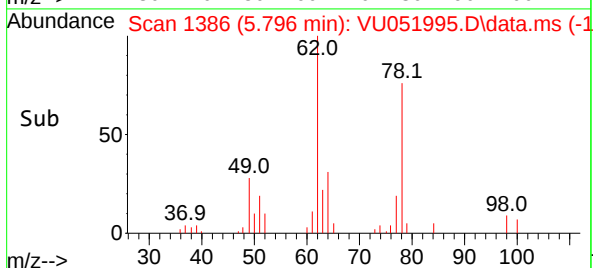
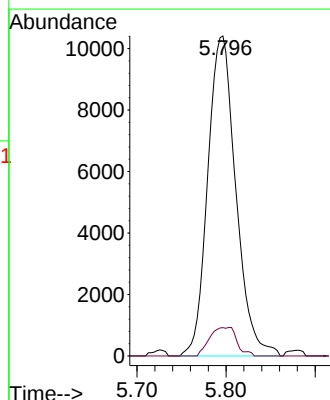
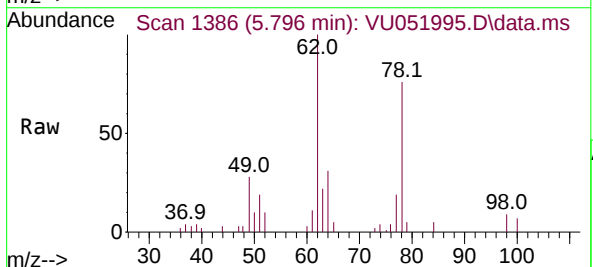
Instrument :
MSVOA_U
ClientSampleId :

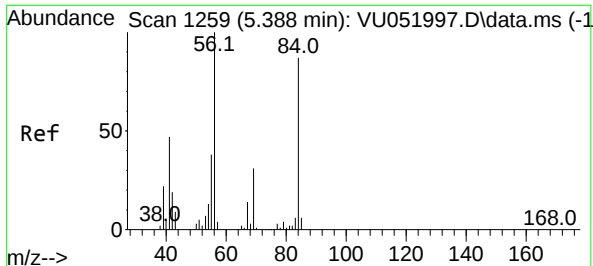
Tgt Ion: 83 Resp: 30339
Ion Ratio Lower Upper
83 100
85 68.2 46.3 85.9



#27
1,2-Dichloroethane
Concen: 4.102 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion: 62 Resp: 22813
Ion Ratio Lower Upper
62 100
98 8.9 7.9 11.9





#29

Cyclohexane

Concen: 3.797 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

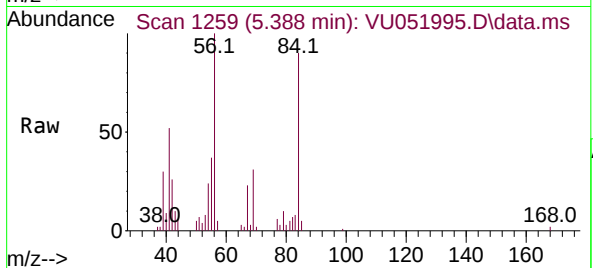
Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :



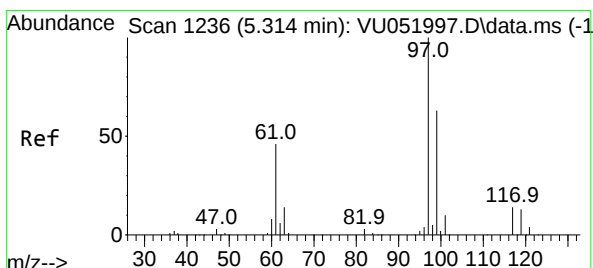
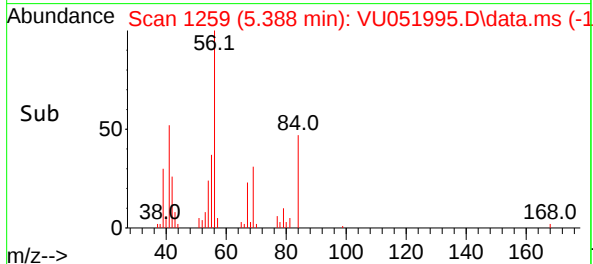
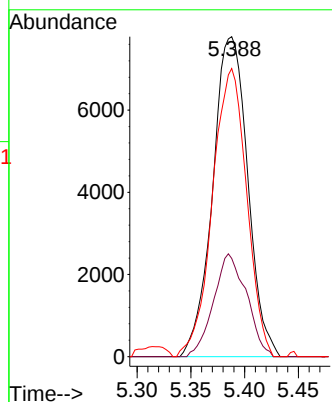
Tgt Ion: 56 Resp: 17648

Ion Ratio Lower Upper

56 100

69 30.2 25.7 38.5

84 87.8 70.2 105.2



#30

1,1,1-Trichloroethane

Concen: 4.384 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

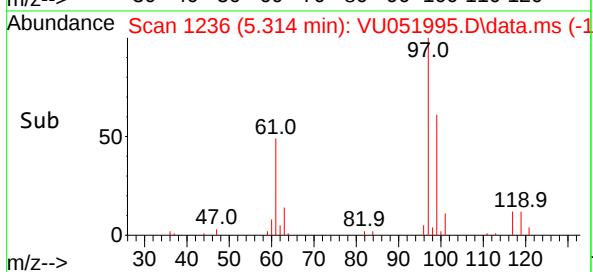
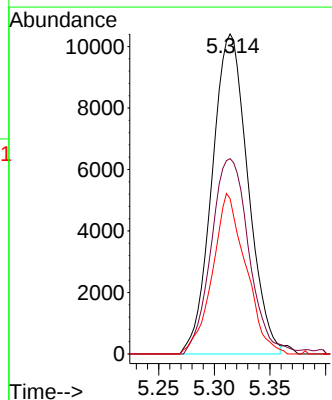
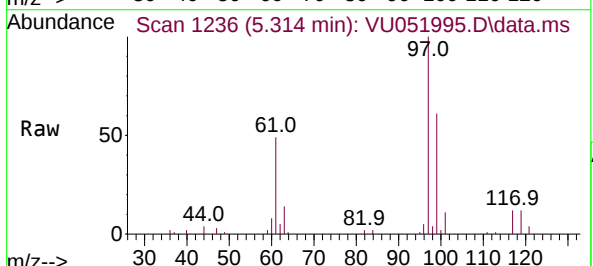
Tgt Ion: 97 Resp: 23341

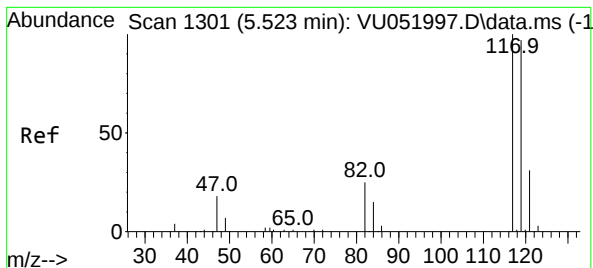
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 46.6 37.2 55.8





#31

Carbon tetrachloride

Concen: 4.251 ug/L

RT: 5.523 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

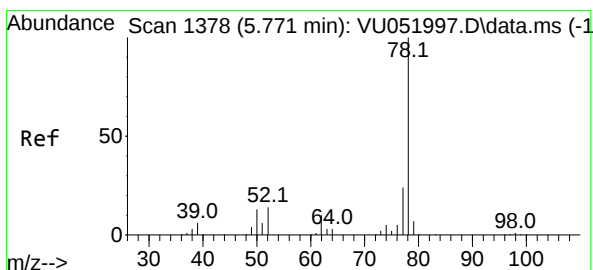
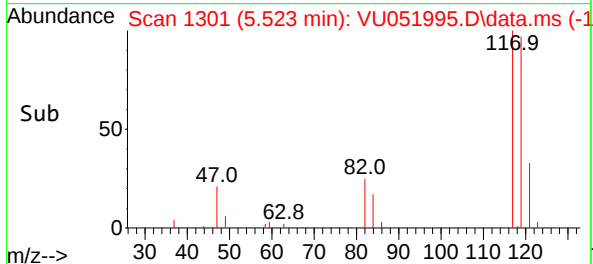
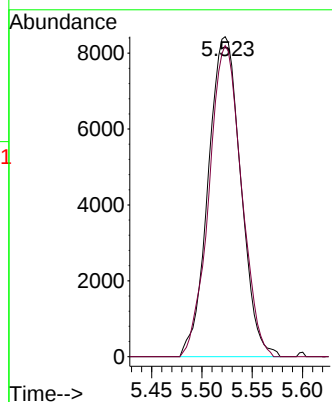
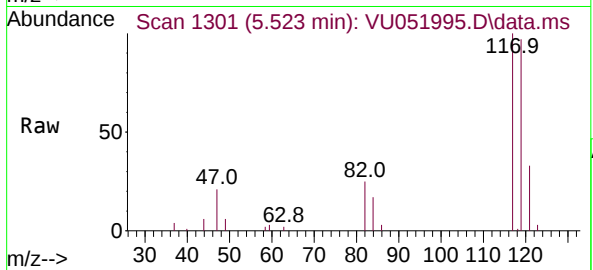
ClientSampleId :

Tgt Ion:117 Resp: 19000

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.2



#33

Benzene

Concen: 4.382 ug/L

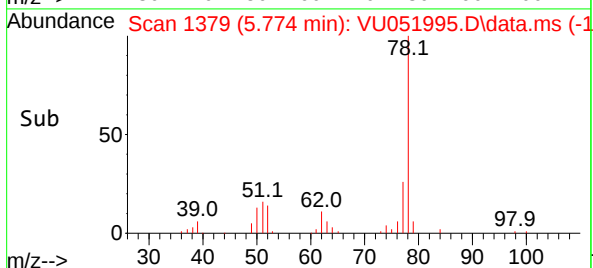
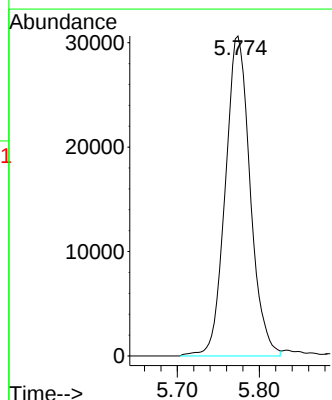
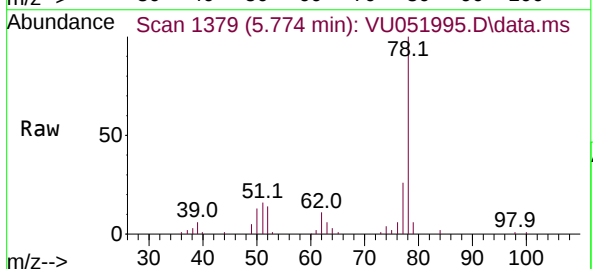
RT: 5.774 min Scan# 1379

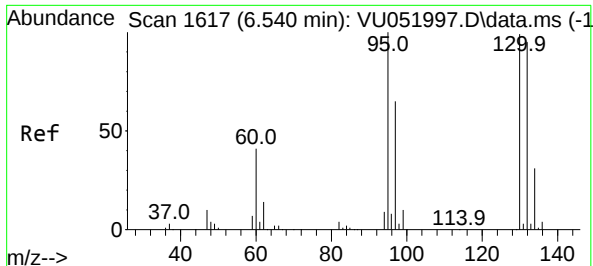
Delta R.T. 0.003 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

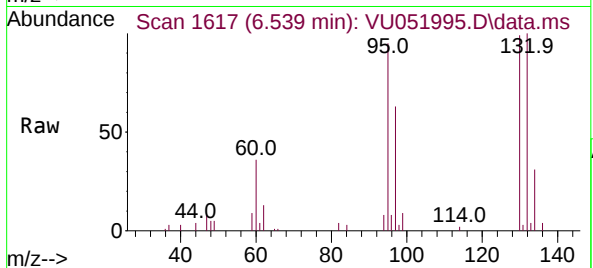
Tgt Ion: 78 Resp: 64619



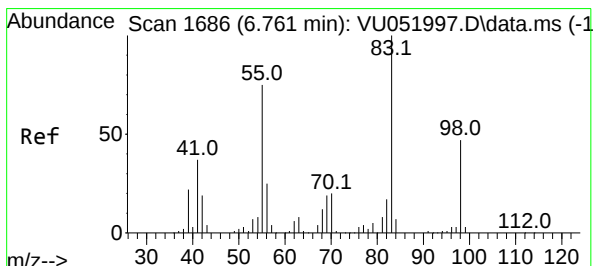
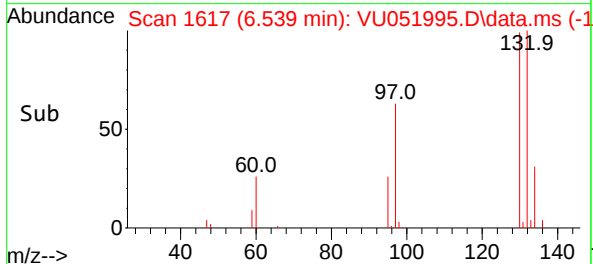
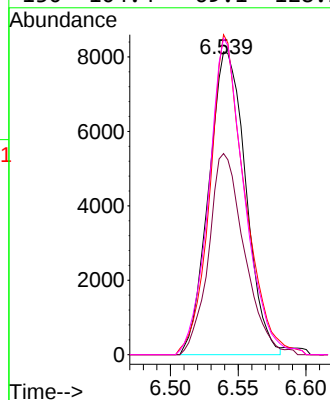


#34
Trichloroethene
Concen: 4.361 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Instrument :
MSVOA_U
ClientSampleId :

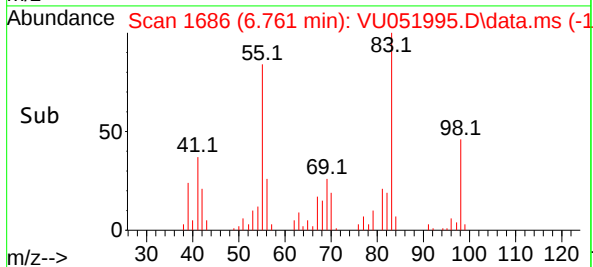
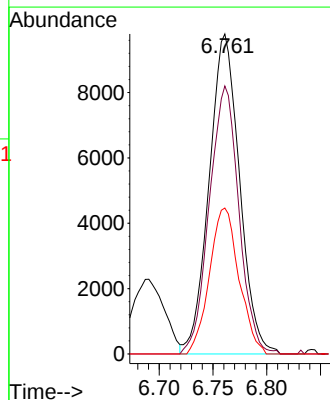
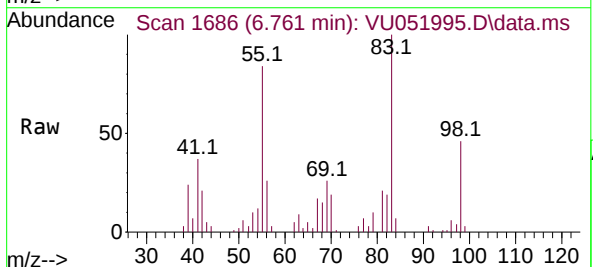


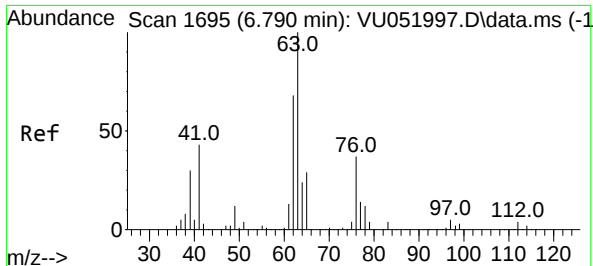
Tgt Ion:	95	Resp:	15469
Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.3	84.1
132	105.7	66.8	124.2
130	104.4	69.1	128.3



#35
Methylcyclohexane
Concen: 3.854 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion:	83	Resp:	19288
Ion	Ratio	Lower	Upper
83	100		
55	81.2	59.0	88.6
98	44.1	36.0	54.0





#37

1,2-Dichloropropane

Concen: 4.502 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

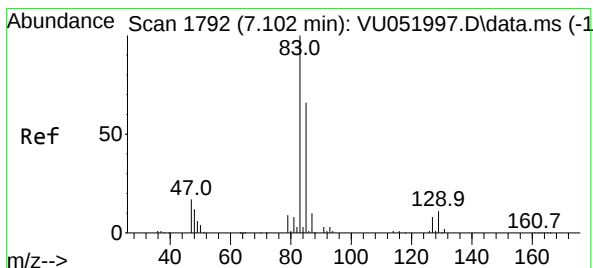
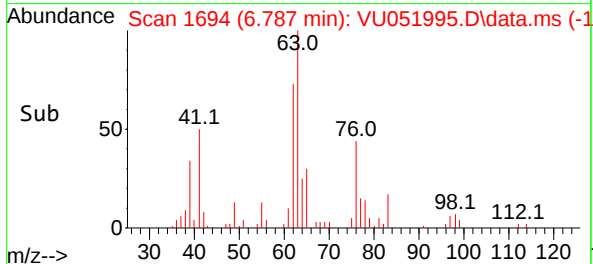
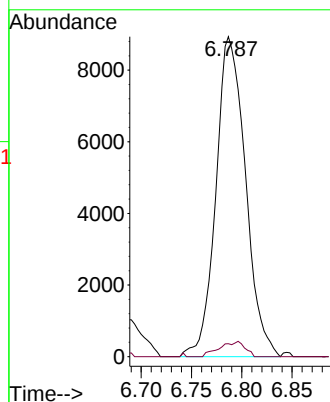
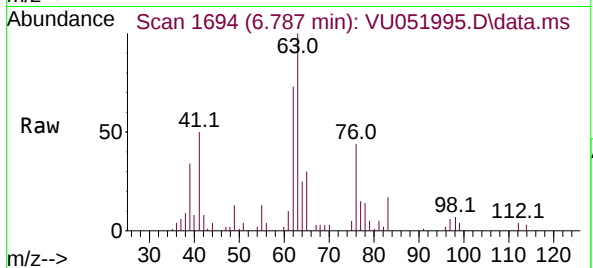
ClientSampleId :

Tgt Ion: 63 Resp: 18266

Ion Ratio Lower Upper

63 100

112 2.3 3.0 4.6#



#38

Bromodichloromethane

Concen: 4.396 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

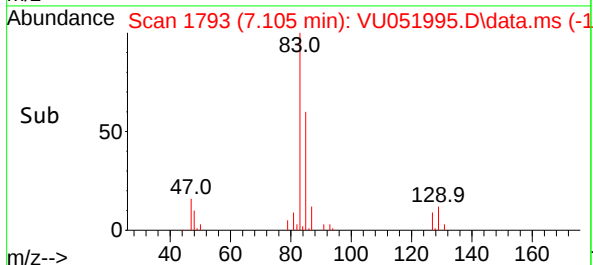
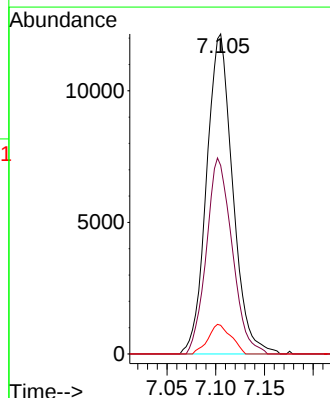
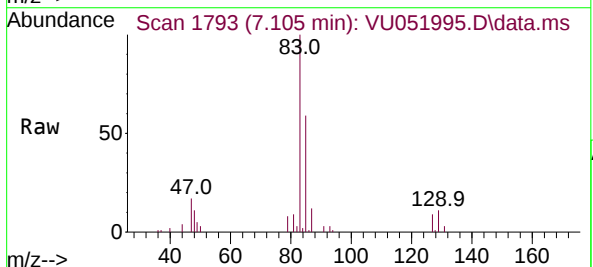
Tgt Ion: 83 Resp: 22705

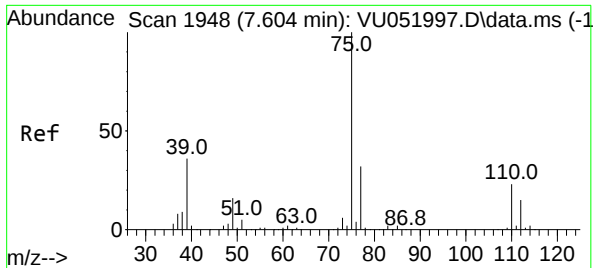
Ion Ratio Lower Upper

83 100

85 58.9 45.9 85.3

127 8.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 3.982 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

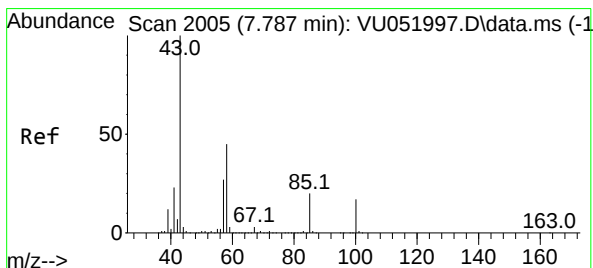
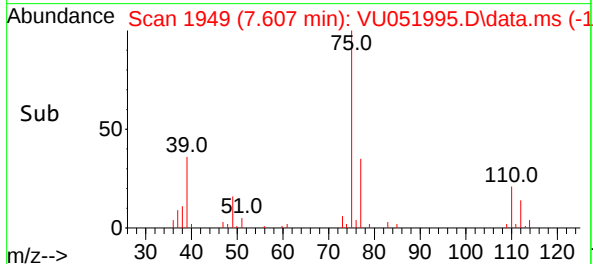
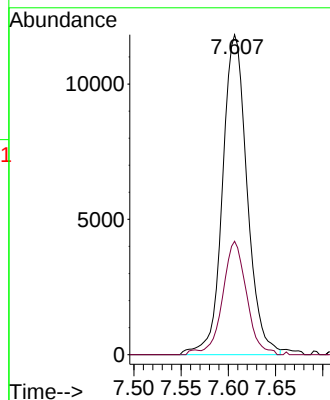
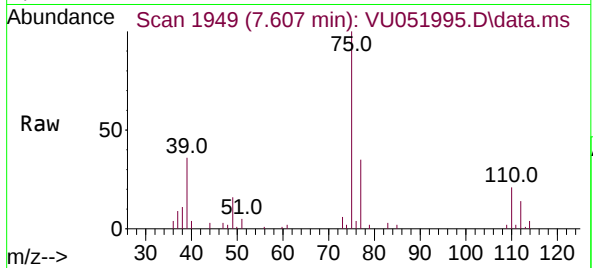
ClientSampleId :

Tgt Ion: 75 Resp: 21408

Ion Ratio Lower Upper

75 100

77 35.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 7.204 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

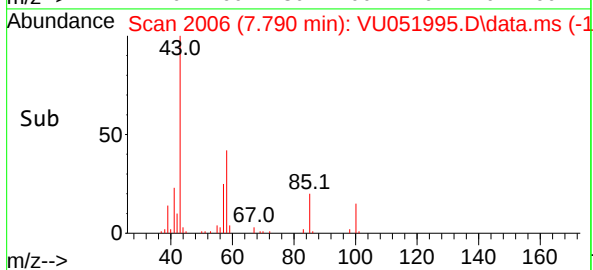
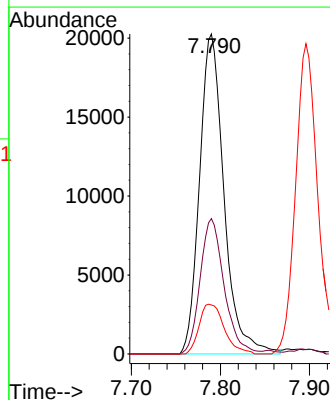
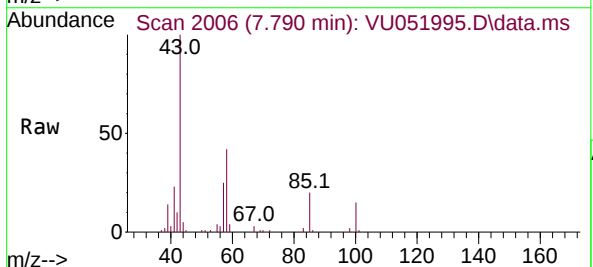
Tgt Ion: 43 Resp: 38615

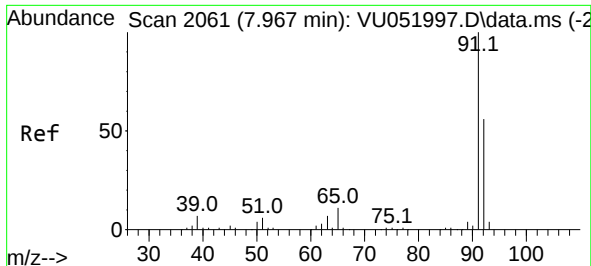
Ion Ratio Lower Upper

43 100

58 41.5 35.8 53.6

100 16.0 13.5 20.3





#42

Toluene

Concen: 4.052 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

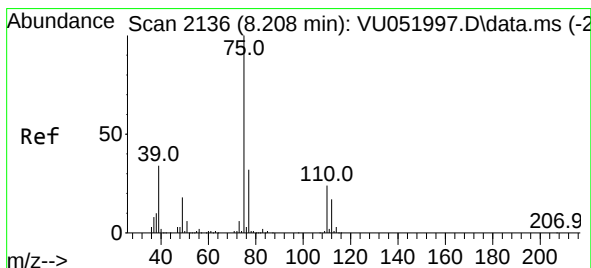
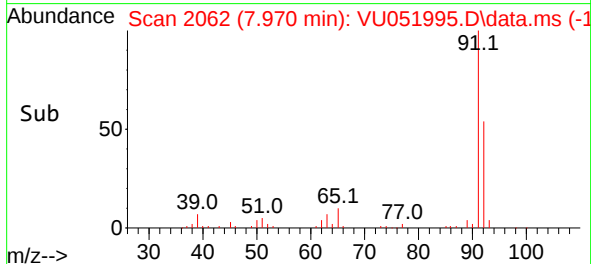
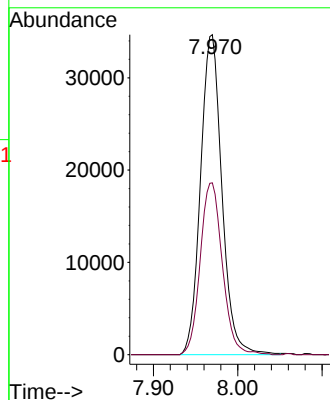
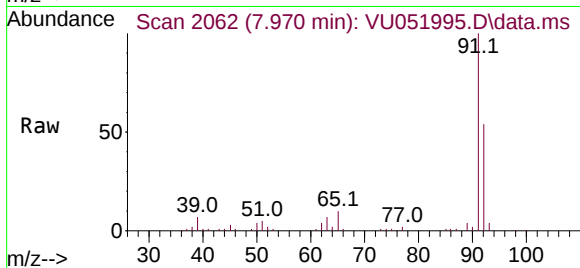
ClientSampleId :

Tgt Ion: 91 Resp: 61298

Ion Ratio Lower Upper

91 100

92 53.7 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 4.002 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051995.D

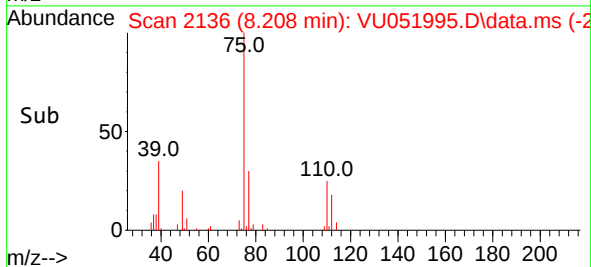
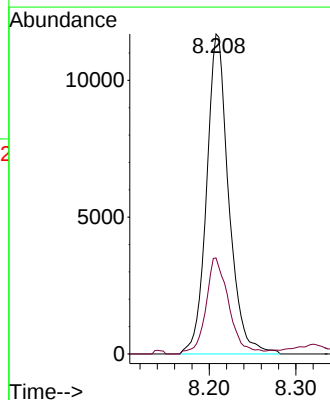
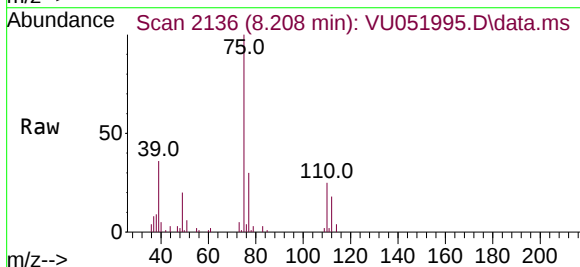
Acq: 21 Nov 2022 14:16

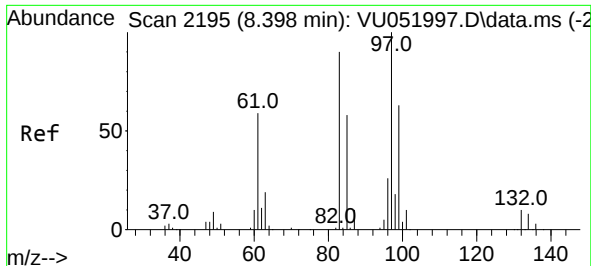
Tgt Ion: 75 Resp: 20731

Ion Ratio Lower Upper

75 100

77 30.0 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 4.399 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 17820

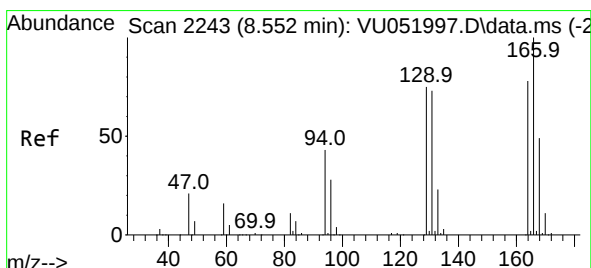
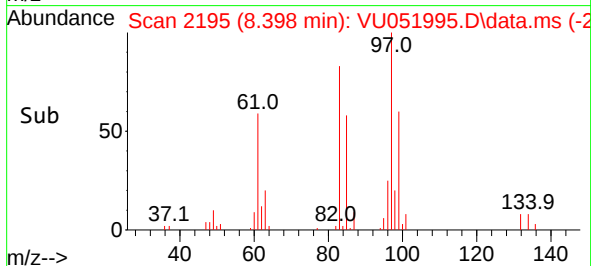
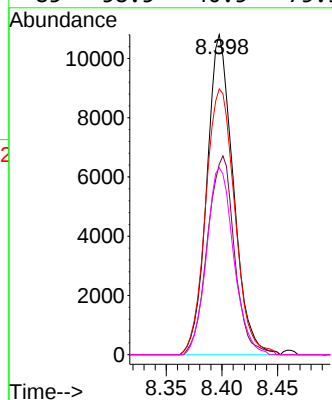
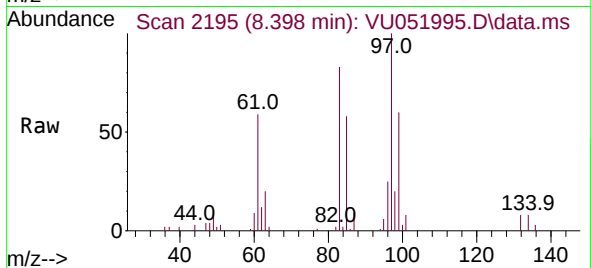
Ion Ratio Lower Upper

97 100

99 59.5 44.4 82.4

83 83.0 63.2 117.4

85 58.5 40.5 75.3



#46

Tetrachloroethene

Concen: 4.548 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Tgt Ion: 164 Resp: 11972

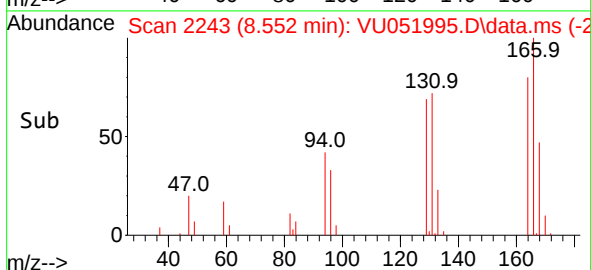
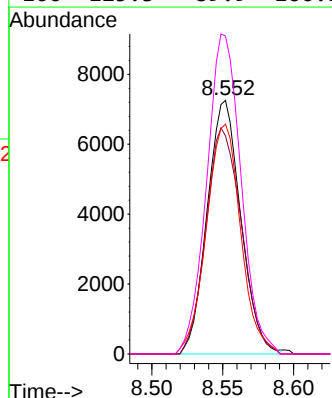
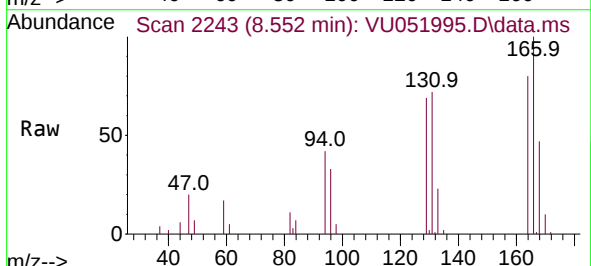
Ion Ratio Lower Upper

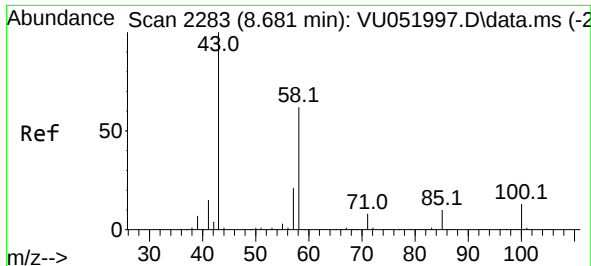
164 100

129 86.0 67.3 124.9

131 90.6 65.2 121.2

166 125.3 89.9 166.9

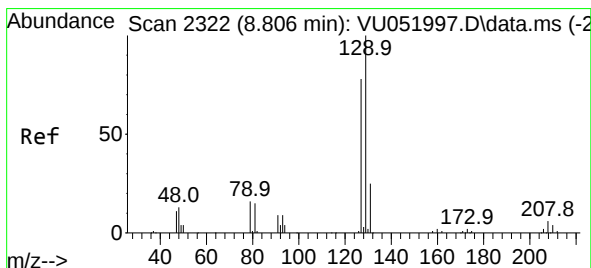
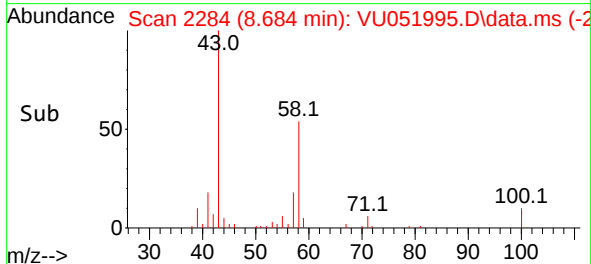
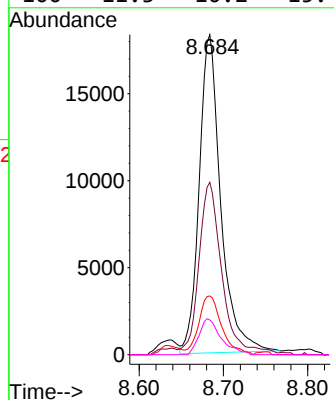
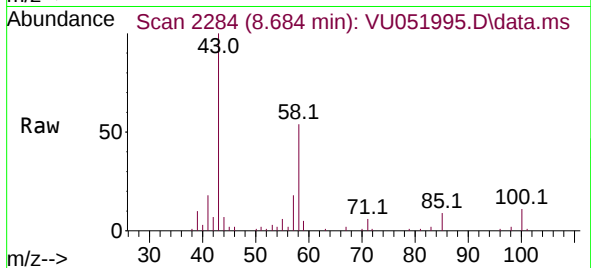




#48
2-Hexanone
Concen: 7.226 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

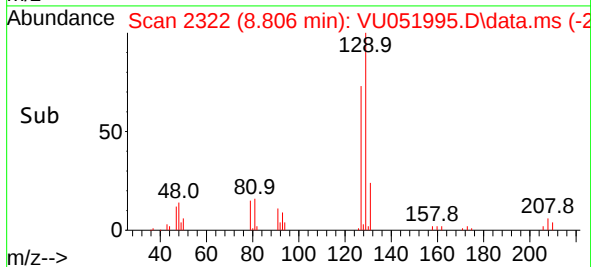
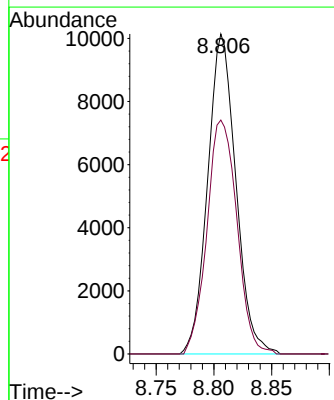
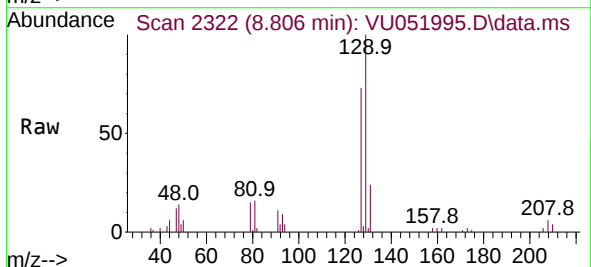
Instrument :
MSVOA_U
ClientSampleId :

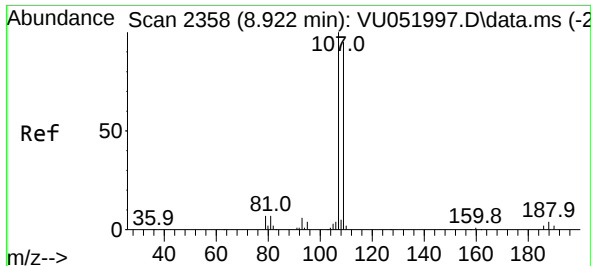
Tgt Ion:	43	Resp:	32656
Ion	Ratio	Lower	Upper
43	100		
58	52.5	49.6	74.4
57	19.4	16.8	25.2
100	11.3	10.2	15.4



#49
Dibromochloromethane
Concen: 4.149 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion:	129	Resp:	17233
Ion	Ratio	Lower	Upper
129	100		
127	73.1	54.5	101.1

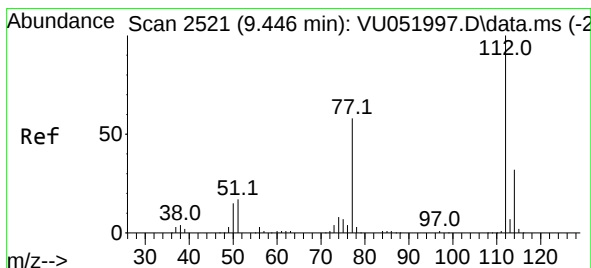
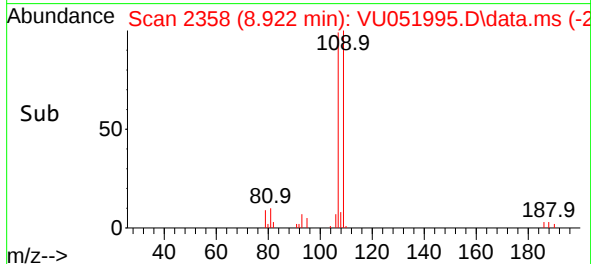
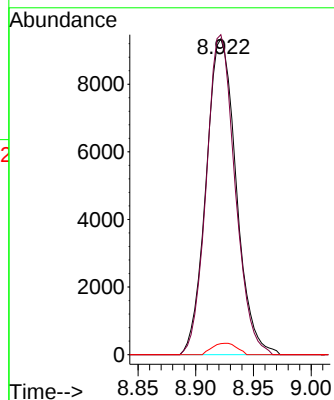
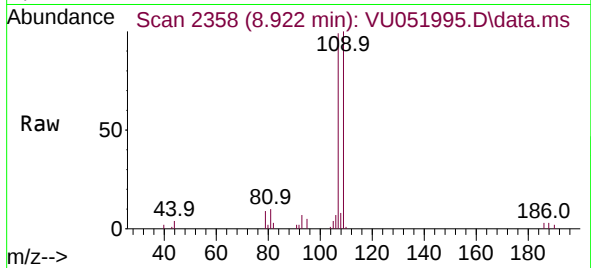




#50
1,2-Dibromoethane
Concen: 4.090 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

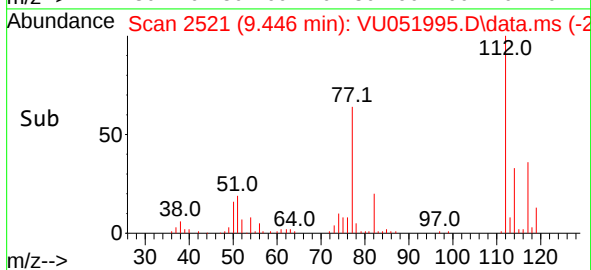
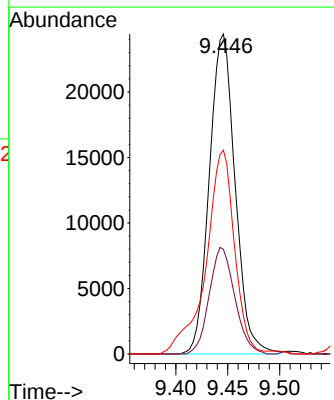
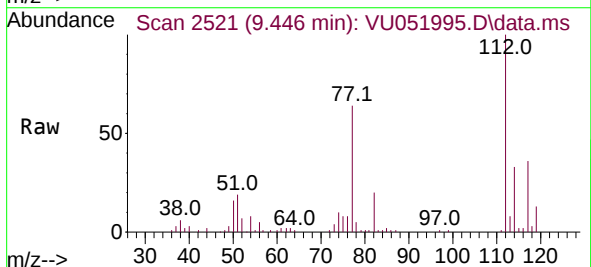
Instrument :
MSVOA_U
ClientSampleId :

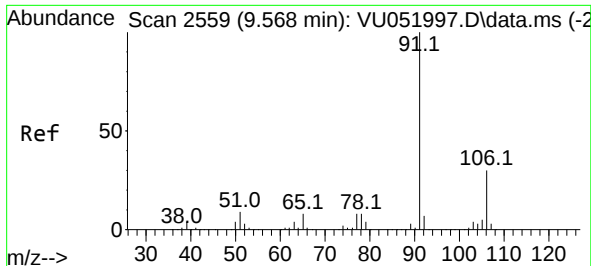
Tgt Ion:107 Resp: 16978
Ion Ratio Lower Upper
107 100
109 101.3 66.6 123.8
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 4.233 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion:112 Resp: 42166
Ion Ratio Lower Upper
112 100
114 32.7 22.2 41.2
77 63.7 46.5 69.7

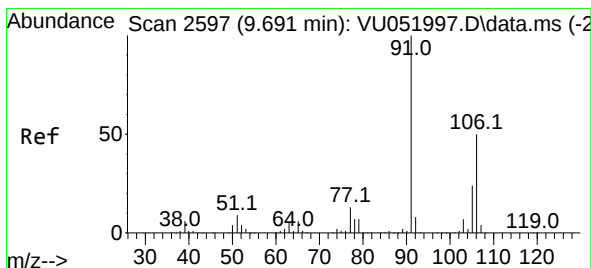
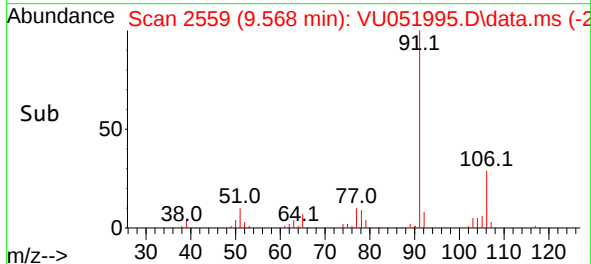
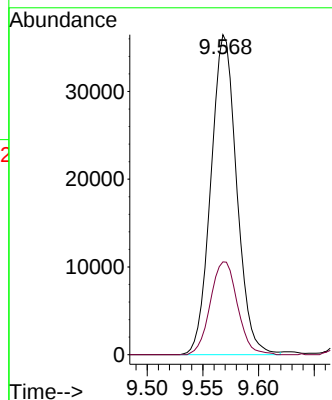
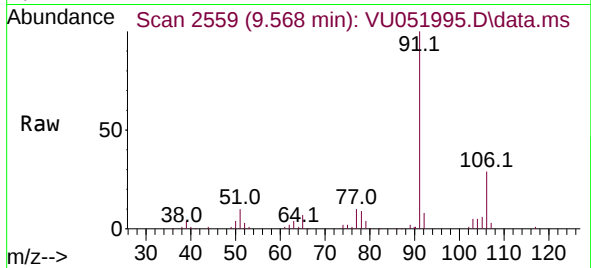




#52
Ethylbenzene
Concen: 3.841 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

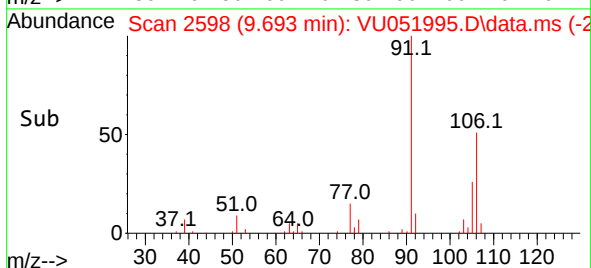
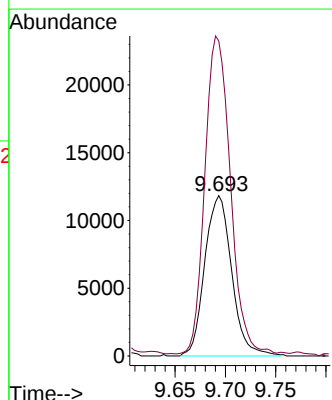
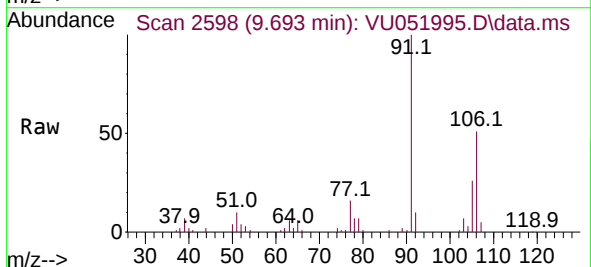
Instrument :
MSVOA_U
ClientSampleId :

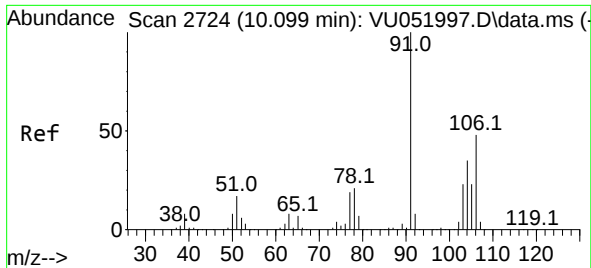
Tgt Ion: 91 Resp: 58715
Ion Ratio Lower Upper
91 100
106 29.0 21.2 39.4



#53
m,p-Xylene
Concen: 3.756 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion: 106 Resp: 22061
Ion Ratio Lower Upper
106 100
91 196.5 140.3 260.6

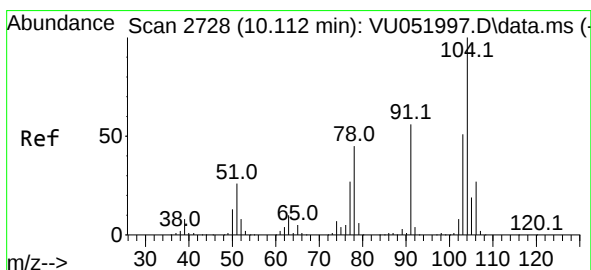
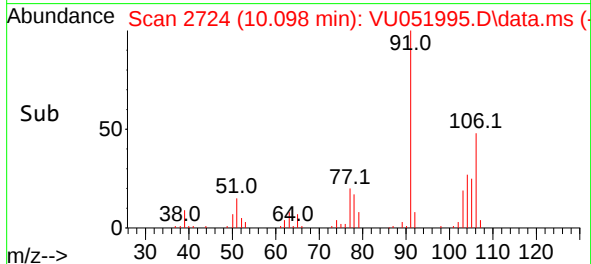
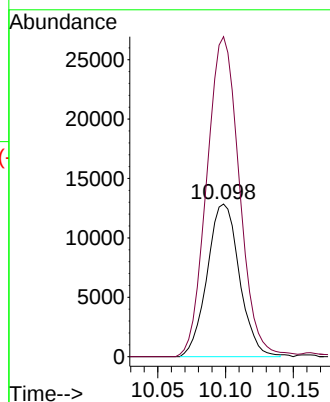
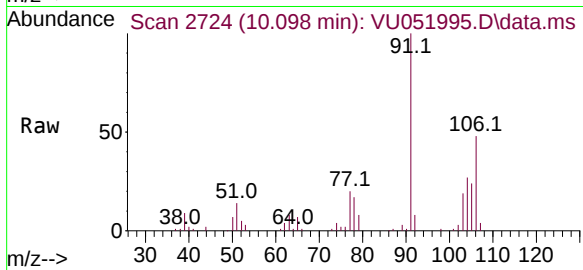




#54
o-Xylene
Concen: 3.612 ug/L
RT: 10.098 min Scan# 21251
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

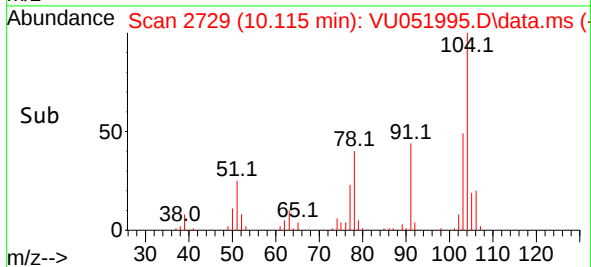
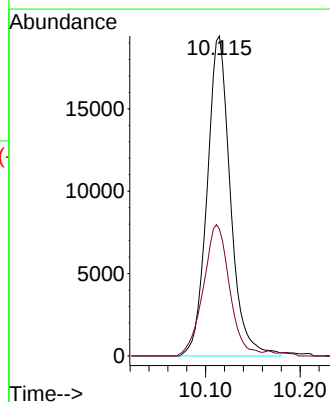
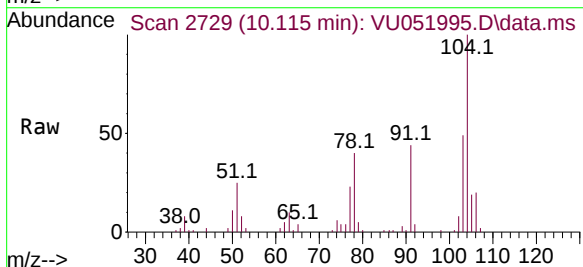
Instrument :
MSVOA_U
ClientSampleId :

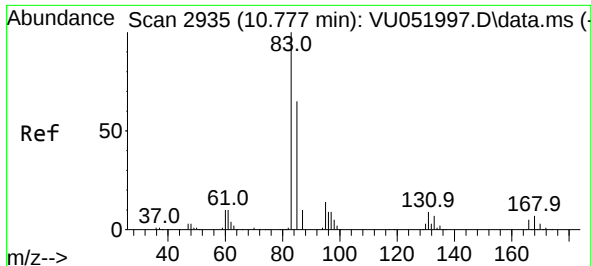
Tgt Ion:106 Resp: 21251
Ion Ratio Lower Upper
106 100
91 209.6 146.7 272.4



#55
Styrene
Concen: 3.285 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion:104 Resp: 33222
Ion Ratio Lower Upper
104 100
78 39.6 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.024 ug/L

RT: 10.780 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VU051995.D

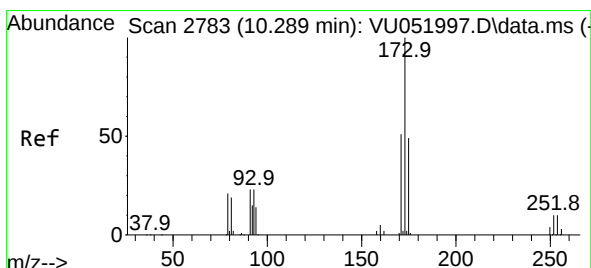
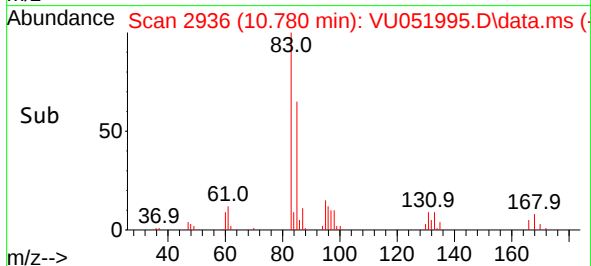
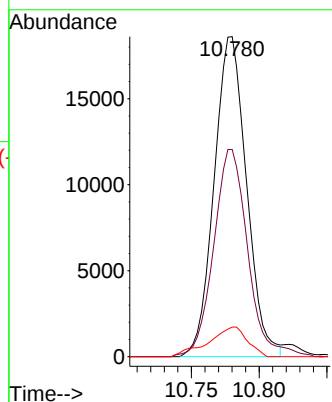
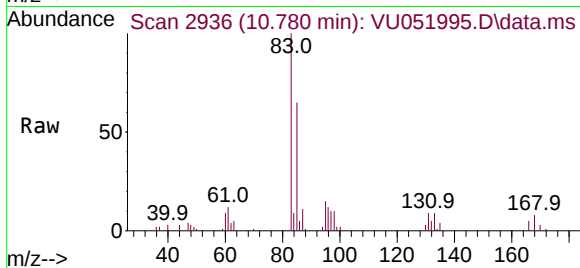
Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	30932
Ion Ratio	Lower	Upper	
83	100		
85	64.7	45.4	84.2
131	9.2	7.3	10.9



#59

Bromoform

Concen: 4.762 ug/L

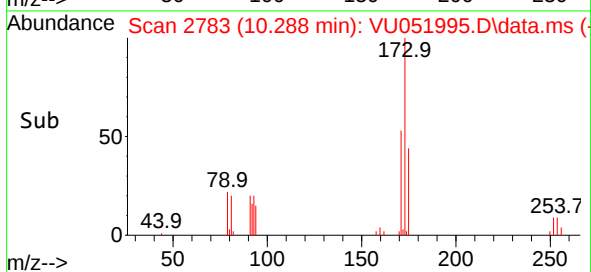
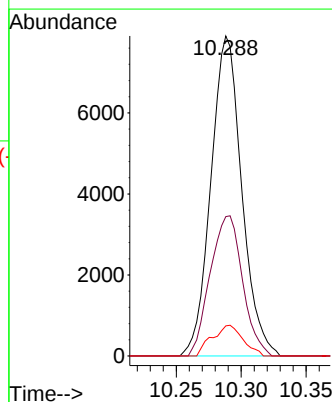
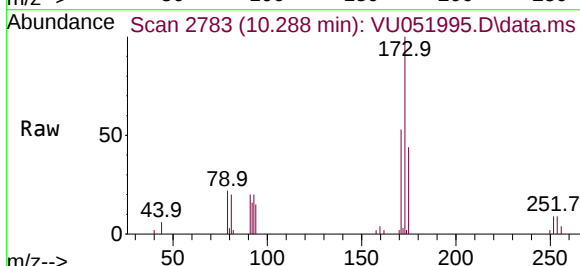
RT: 10.288 min Scan# 2783

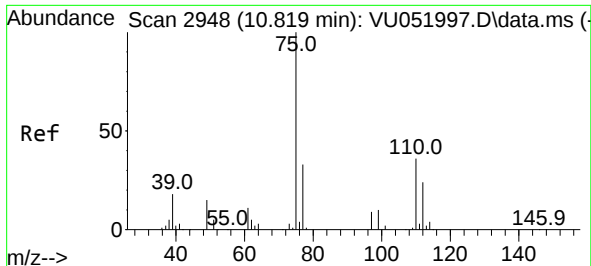
Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Tgt Ion:	173	Resp:	13030
Ion Ratio	Lower	Upper	
173	100		
175	45.9	39.8	59.6
254	7.5	7.5	11.3

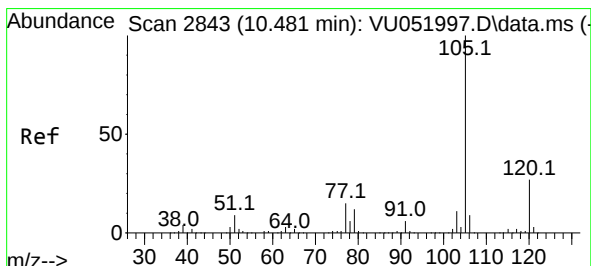
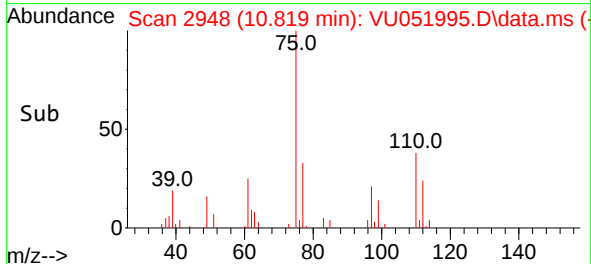
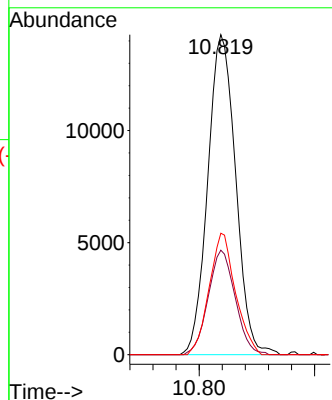
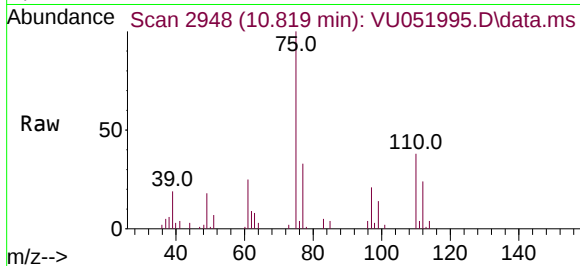




#60
1,2,3-Trichloropropane
Concen: 4.754 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

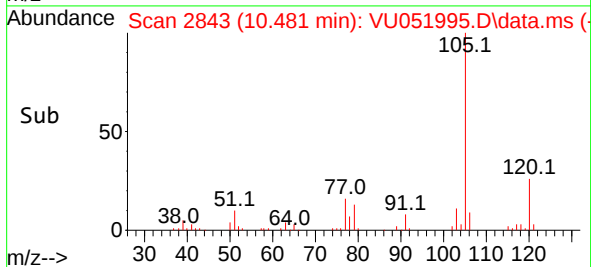
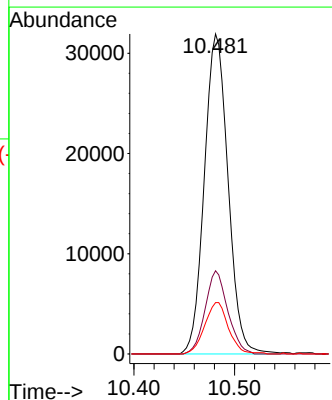
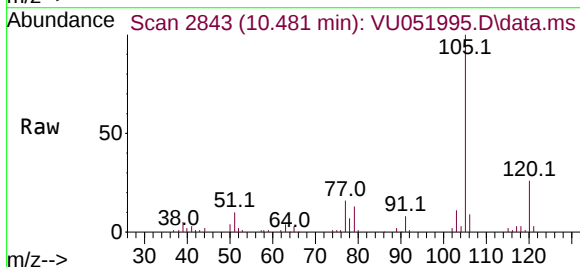
Instrument :
MSVOA_U
ClientSampleId :

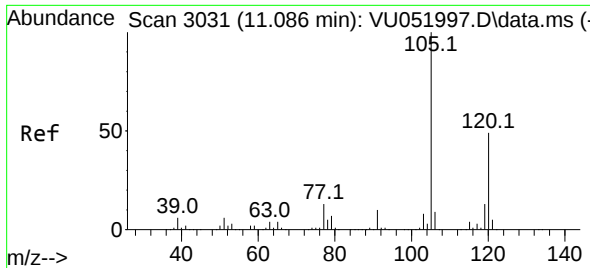
Tgt Ion:	75	Resp:	23964
Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.0	39.0
110	35.8	29.0	43.4



#61
Isopropylbenzene
Concen: 4.212 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion:	105	Resp:	52255
Ion	Ratio	Lower	Upper
105	100		
120	24.7	21.1	31.7
77	16.0	12.4	18.6

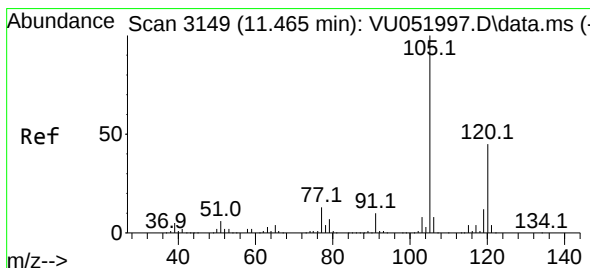
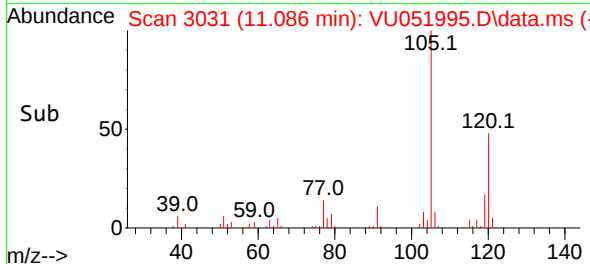
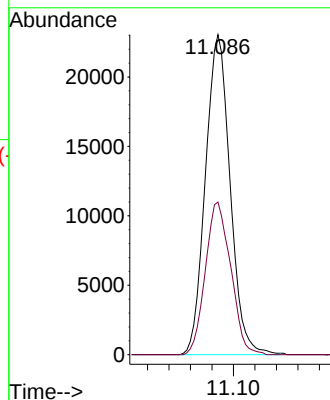
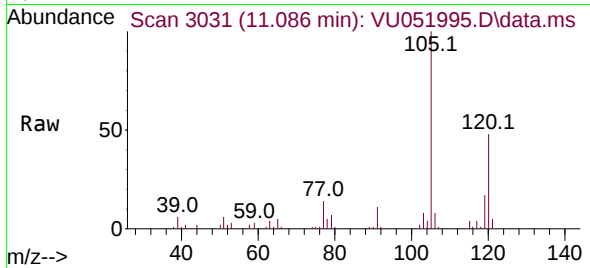




#62
1,3,5-Trimethylbenzene
Concen: 3.538 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

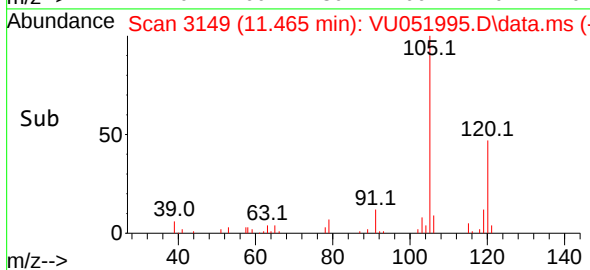
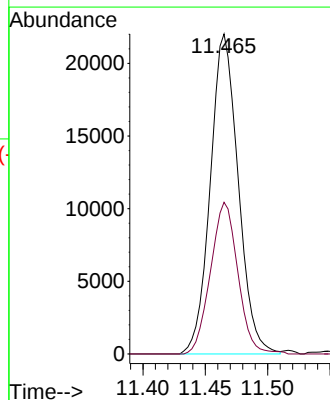
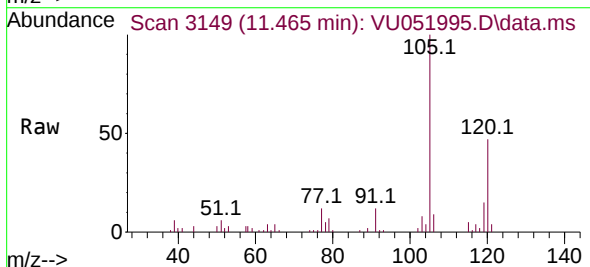
Instrument :
MSVOA_U
ClientSampleId :

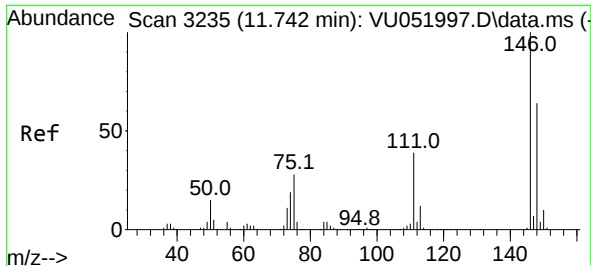
Tgt Ion:105 Resp: 36790
Ion Ratio Lower Upper
105 100
120 48.9 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 3.372 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051995.D
Acq: 21 Nov 2022 14:16

Tgt Ion:105 Resp: 34345
Ion Ratio Lower Upper
105 100
120 46.4 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 4.304 ug/L

RT: 11.745 min Scan# 3235

Delta R.T. 0.003 min

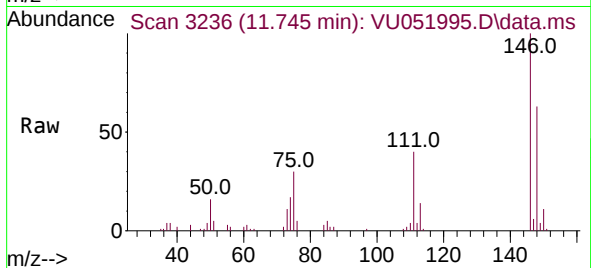
Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :



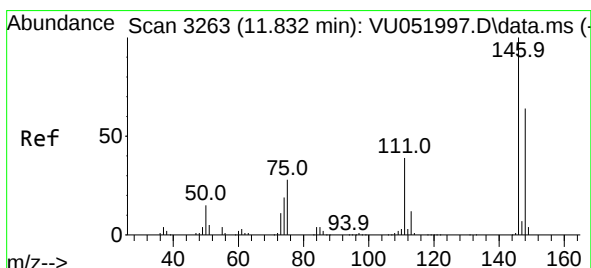
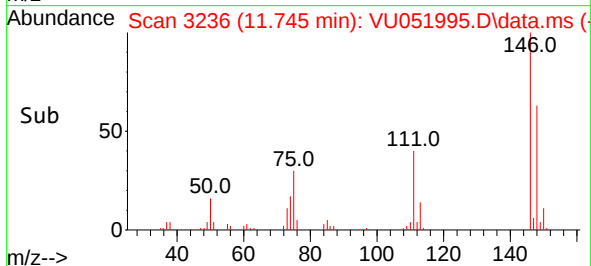
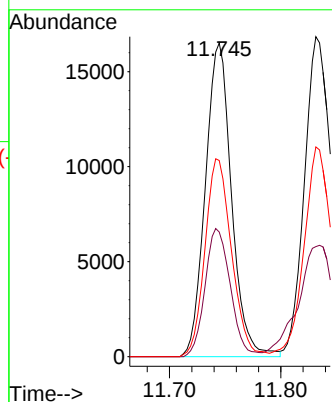
Tgt Ion:146 Resp: 26959

Ion Ratio Lower Upper

146 100

111 39.7 27.5 51.1

148 62.6 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.524 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

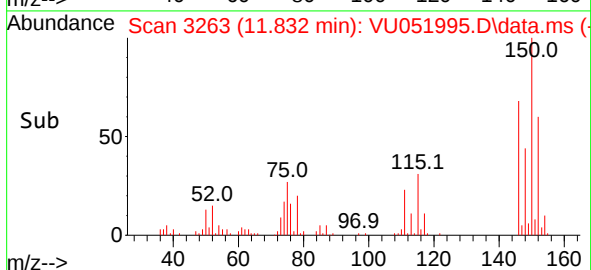
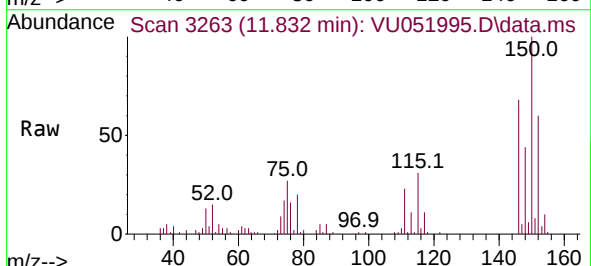
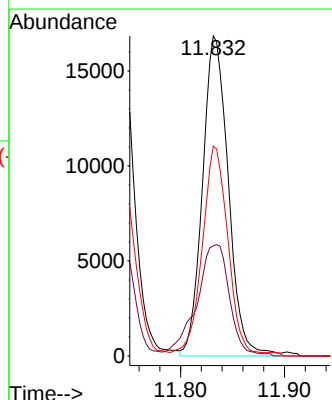
Tgt Ion:146 Resp: 29037

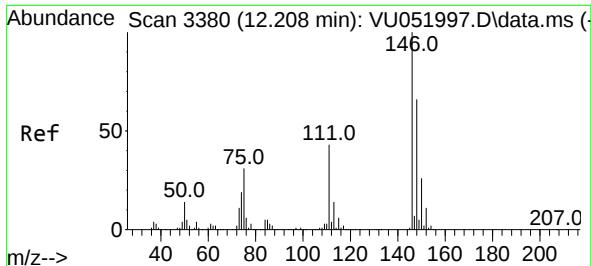
Ion Ratio Lower Upper

146 100

111 34.4 27.6 51.2

148 65.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.355 ug/L

RT: 12.211 min Scan# 3380

Delta R.T. 0.003 min

Lab File: VU051995.D

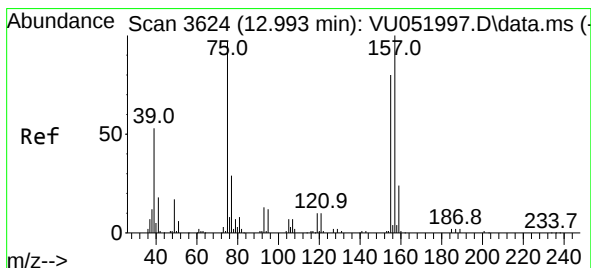
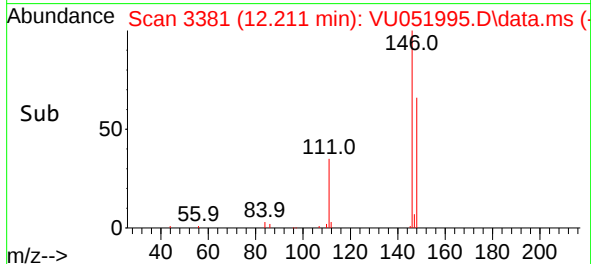
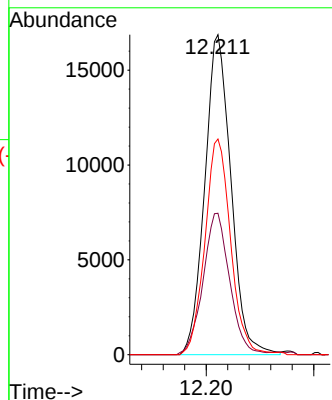
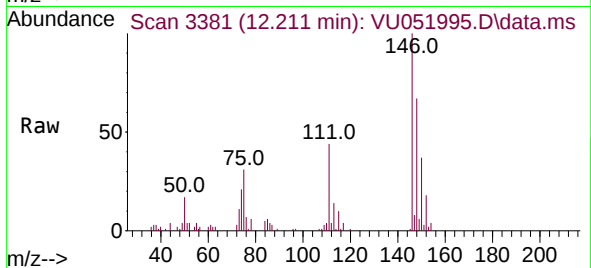
Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	28515
Ion Ratio	Lower	Upper
146	100	
111	44.2	34.2 51.4
148	67.4	52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.214 ug/L

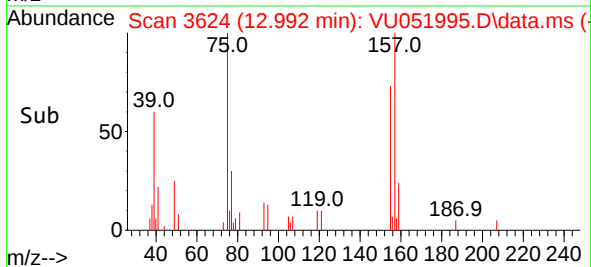
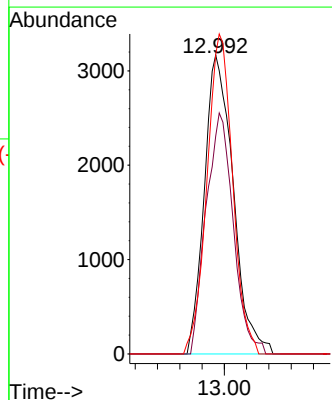
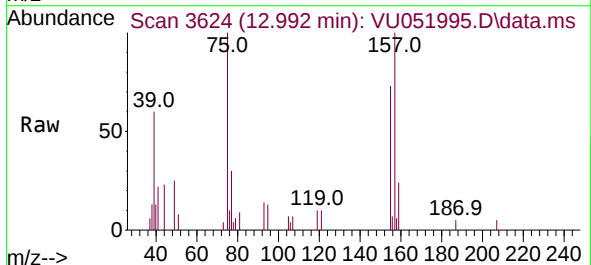
RT: 12.992 min Scan# 3624

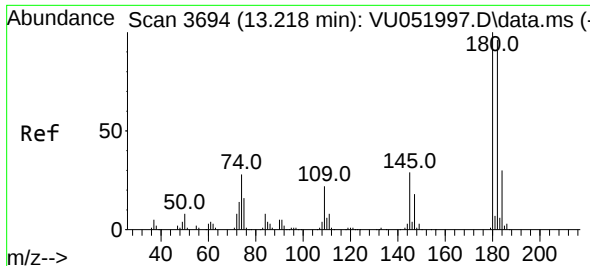
Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Tgt Ion: 75	Resp:	5683
Ion Ratio	Lower	Upper
75	100	
155	79.5	66.3 99.5
157	100.1	82.8 124.2





#69

1,3,5-Trichlorobenzene

Concen: 4.204 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 17582

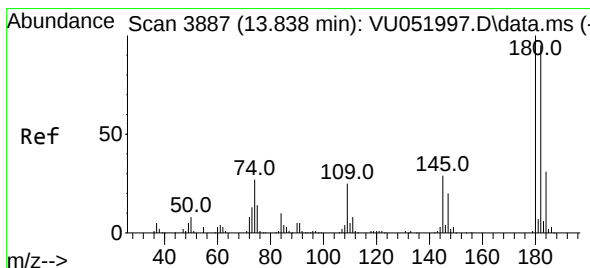
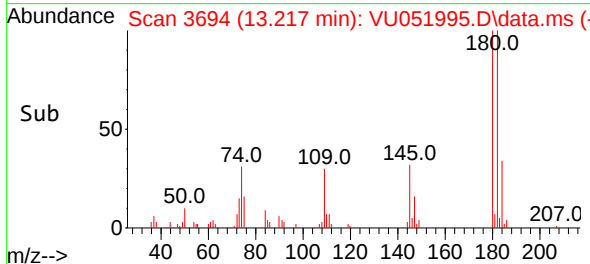
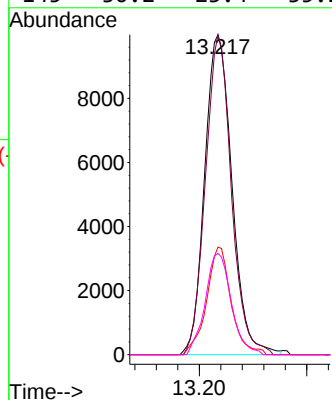
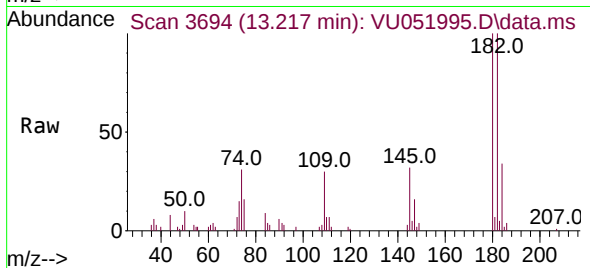
Ion Ratio Lower Upper

180 100

182 94.6 77.2 115.8

184 30.3 24.6 36.8

145 30.2 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 3.863 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

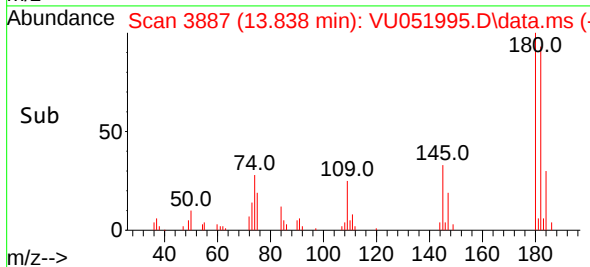
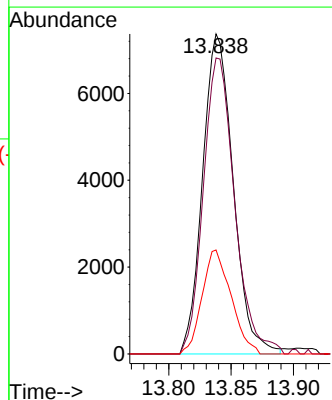
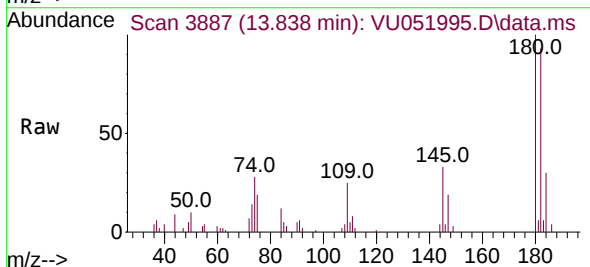
Tgt Ion:180 Resp: 12570

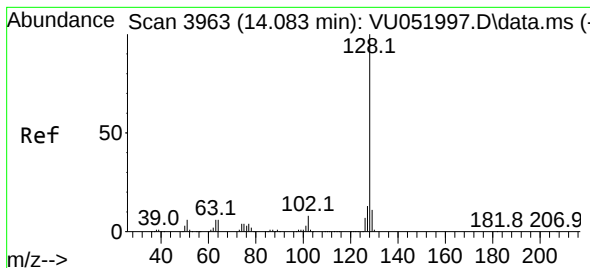
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

145 30.8 23.4 35.0





#71

Naphthalene

Concen: 3.300 ug/L

RT: 14.085 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VU051995.D

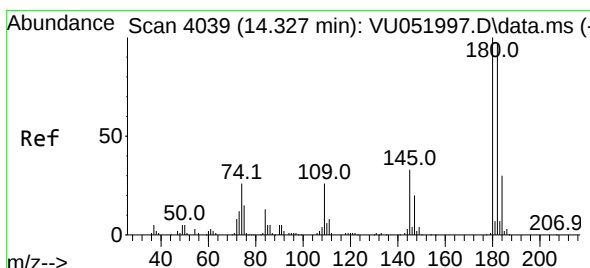
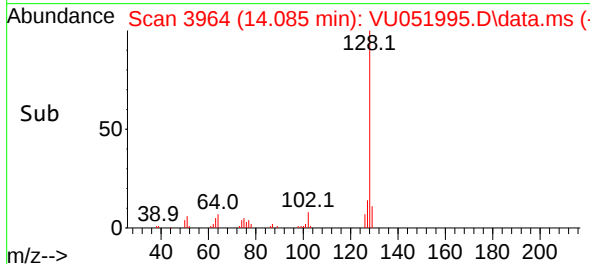
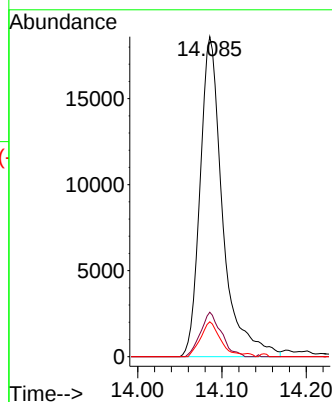
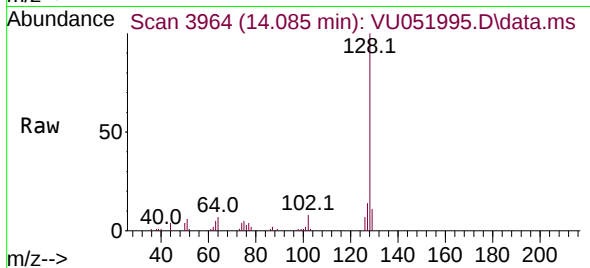
Acq: 21 Nov 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	34652
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.3 15.5
129	9.6	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 3.981 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU051995.D

Acq: 21 Nov 2022 14:16

Tgt Ion:180	Resp:	13836
Ion Ratio	Lower	Upper
180	100	
182	92.1	76.1 114.1
145	29.8	25.8 38.6

