

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052623.D
 Acq On : 06 Jan 2023 12:23
 Operator : JC/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200065

Quant Time: Jan 07 00:22:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:16:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	348544	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	343291	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	201176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	759733	240.149	ug/L	0.00
7) Chloroethane-d5	1.912	69	562194	236.227	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	1249973	235.975	ug/L	0.00
21) 2-Butanone-d5	4.616	46	1068642	474.994	ug/L	0.00
24) Chloroform-d	5.060	84	1163864	212.915	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	767401	219.892	ug/L	0.00
32) Benzene-d6	5.726	84	2410774	223.019	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	831953	244.097	ug/L	0.00
41) Toluene-d8	7.896	98	2122883	221.818	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	390738	244.680	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	753447	458.232	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	1130544	221.925	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	793051	196.137	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	551821	180.473	ug/L	99
3) Chloromethane	1.520	50	757526	254.412	ug/L	98
5) Vinyl chloride	1.607	62	742846	247.708	ug/L	99
6) Bromomethane	1.858	94	353855	195.302	ug/L	99
8) Chloroethane	1.932	64	460746	249.306	ug/L	99
9) Trichlorofluoromethane	2.137	101	837312	197.118	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	497497	206.164	ug/L	100
12) 1,1-Dichloroethene	2.581	96	475539	210.574	ug/L	89
13) Acetone	2.629	43	824020	391.452	ug/L	98
14) Carbon disulfide	2.793	76	1427952	211.242	ug/L	99
15) Methyl Acetate	2.944	43	762943	272.497	ug/L	99
16) Methylene chloride	3.044	84	598261	210.751	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	506823	214.315	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	1787668	251.902	ug/L	99
19) 1,1-Dichloroethane	3.867	63	1134410	252.308	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	594739	234.209	ug/L	100
22) 2-Butanone	4.697	43	1194448	493.147	ug/L	99
23) Bromochloromethane	4.970	128	280029	207.657	ug/L	99
25) Chloroform	5.083	83	1053938	220.452	ug/L	99
27) 1,2-Dichloroethane	5.790	62	867986	234.041	ug/L	100
29) Cyclohexane	5.388	56	1037837	284.744	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	859398	210.846	ug/L	99
31) Carbon tetrachloride	5.523	117	713827	203.820	ug/L	100
33) Benzene	5.771	78	2412494	237.001	ug/L	100
34) Trichloroethene	6.539	95	554122	213.266	ug/L	97
35) Methylcyclohexane	6.761	83	975245	243.165	ug/L	97
37) 1,2-Dichloropropane	6.787	63	695059	260.309	ug/L	99
38) Bromodichloromethane	7.102	83	829344	232.443	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	1058319	266.011	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	2198907	599.298	ug/L	98
42) Toluene	7.967	91	2430810	231.241	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	1010759	260.317	ug/L	99

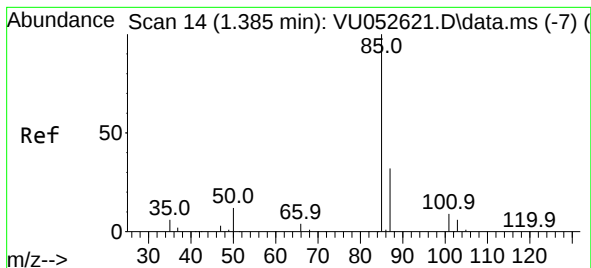
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
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Quant Time: Jan 07 00:22:19 2023
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 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:16:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	576283	219.960	ug/L	99
46) Tetrachloroethene	8.549	164	380702	196.300	ug/L	97
48) 2-Hexanone	8.681	43	1761312	570.779	ug/L	98
49) Dibromochloromethane	8.806	129	613634	214.918	ug/L	98
50) 1,2-Dibromoethane	8.918	107	597465	220.931	ug/L	99
51) Chlorobenzene	9.443	112	1502350	220.418	ug/L	98
52) Ethylbenzene	9.565	91	2706910	243.957	ug/L	100
53) m,p-Xylene	9.690	106	1017935	238.374	ug/L	99
54) o-xylene	10.095	106	1002000	245.805	ug/L	99
55) Styrene	10.111	104	1784964	247.636	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	1079268	233.716	ug/L	99
59) Bromoform	10.285	173	437020	189.294	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	846062	206.702	ug/L	100
61) Isopropylbenzene	10.481	105	2642619	226.657	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	2354733	242.273	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	2359542	243.543	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	1190986	203.063	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	1207510	197.527	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	1199330	203.201	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	253394	209.904	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	880369	198.417	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	804775	214.624	ug/L	99
71) Naphthalene	14.079	128	2724903	227.888	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	798820	209.969	ug/L	99

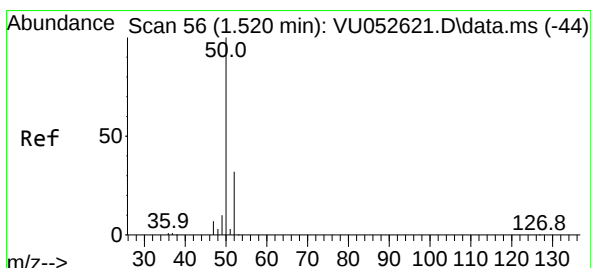
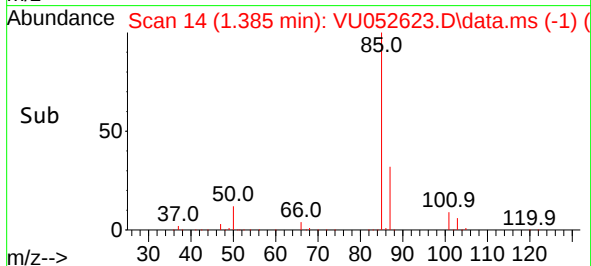
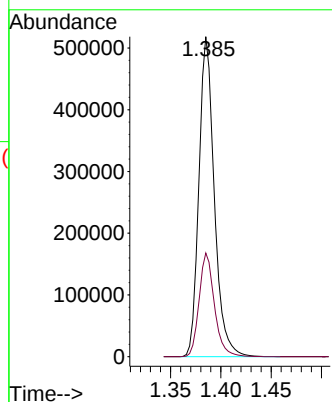
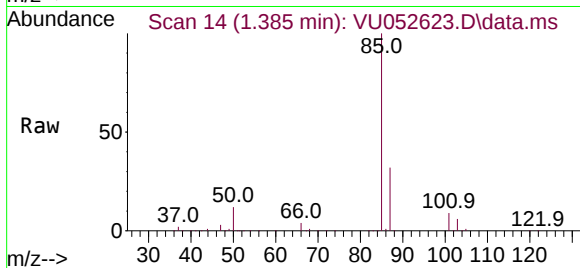
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 180.473 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

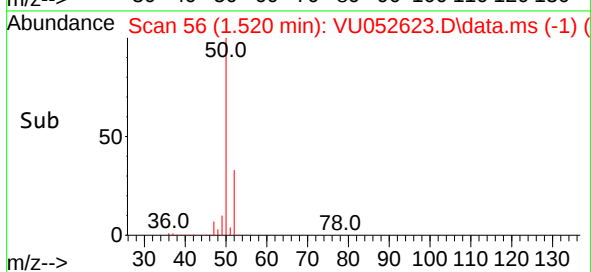
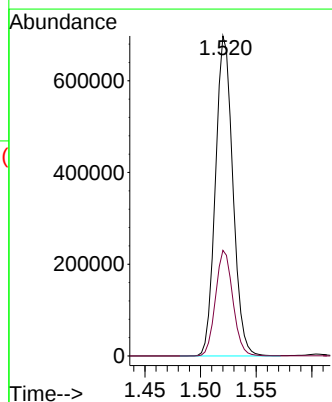
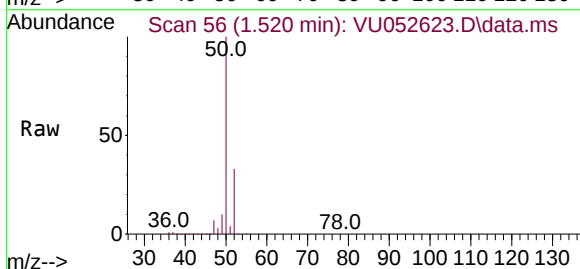
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

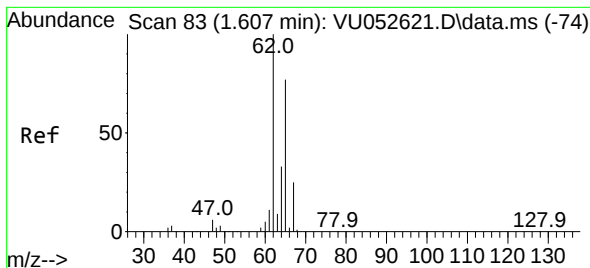
Tgt Ion: 85 Resp: 551821
Ion Ratio Lower Upper
85 100
87 32.2 25.5 38.3



#3
Chloromethane
Concen: 254.412 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 50 Resp: 757526
Ion Ratio Lower Upper
50 100
52 33.0 22.3 41.5





#5

Vinyl chloride

Concen: 247.708 ug/L

RT: 1.607 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

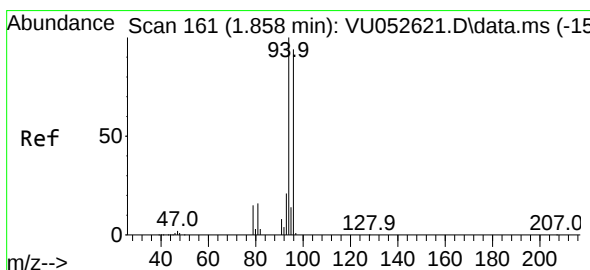
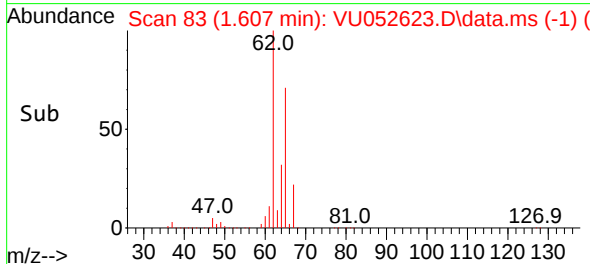
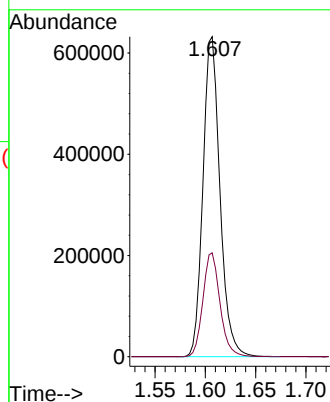
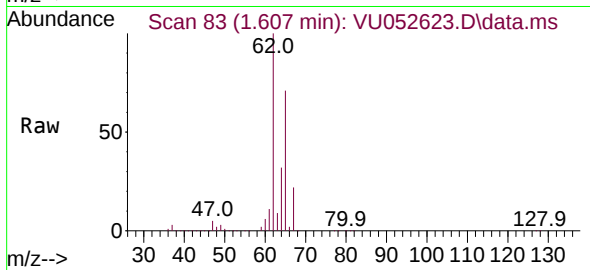
VSTD200065

Tgt Ion: 62 Resp: 742846

Ion Ratio Lower Upper

62 100

64 32.4 23.0 42.6



#6

Bromomethane

Concen: 195.302 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.000 min

Lab File: VU052623.D

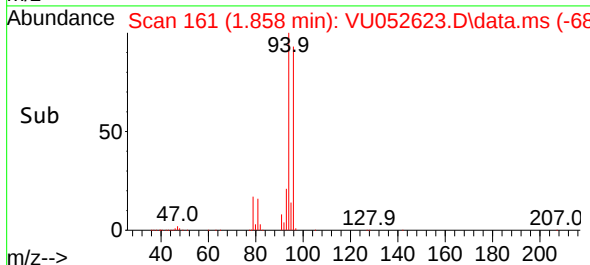
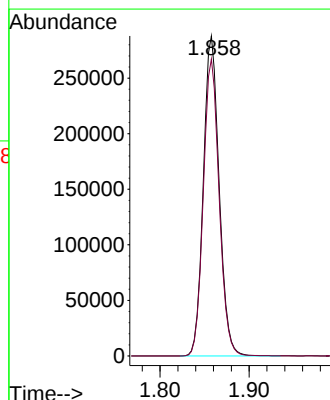
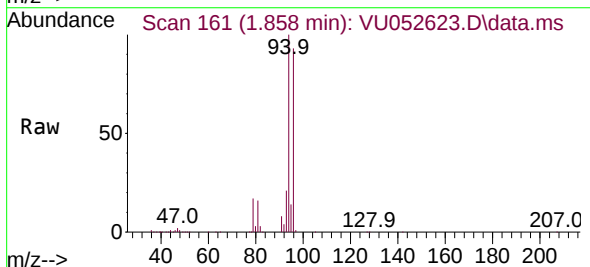
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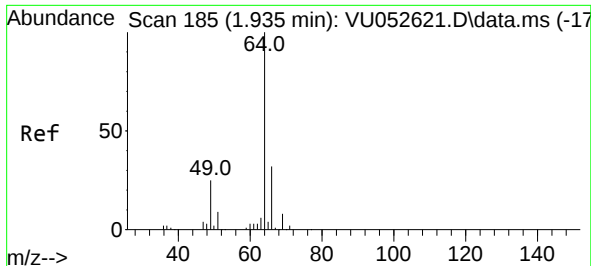
Tgt Ion: 94 Resp: 353855

Ion Ratio Lower Upper

94 100

96 92.8 65.8 122.2

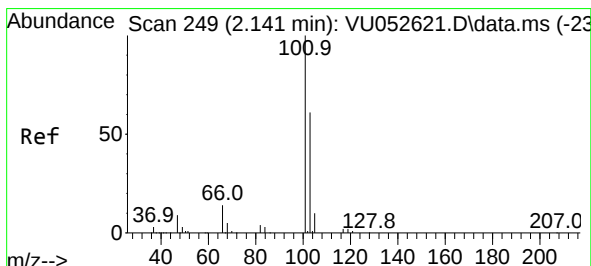
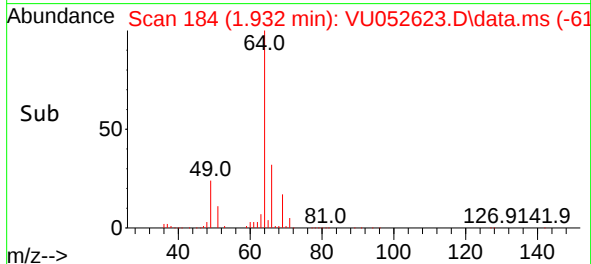
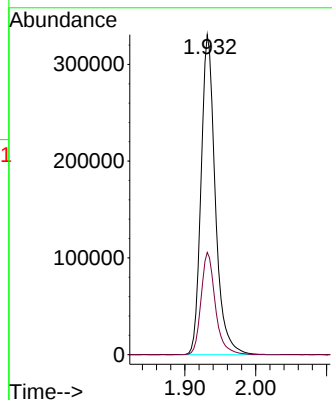
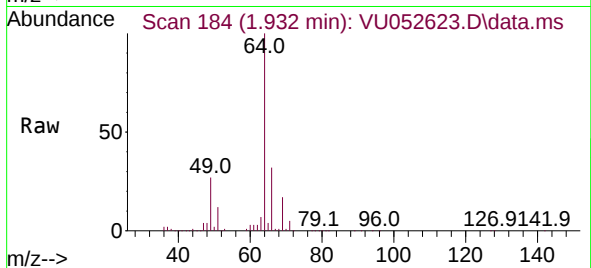




#8
Chloroethane
Concen: 249.306 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

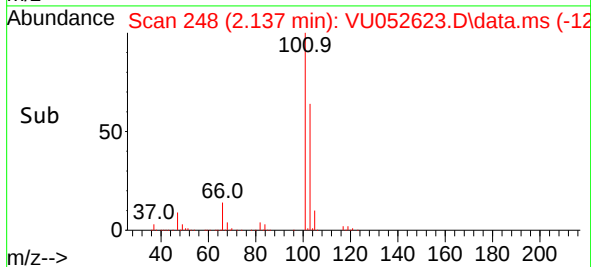
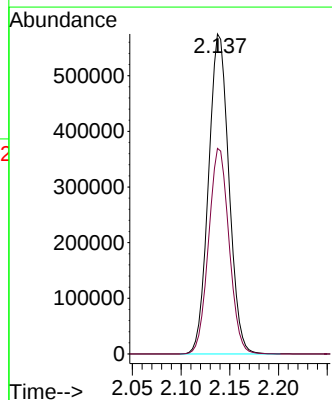
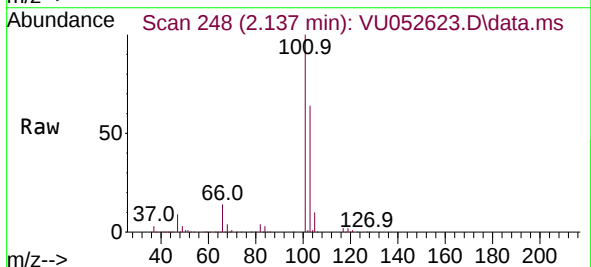
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

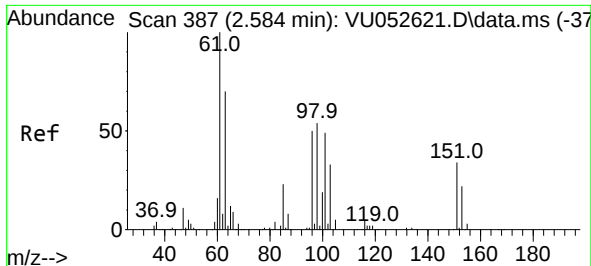
Tgt Ion: 64 Resp: 460746
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 197.118 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 101 Resp: 837312
Ion Ratio Lower Upper
101 100
103 64.4 50.2 75.2





#10

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

Concen: 206.164 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD200065

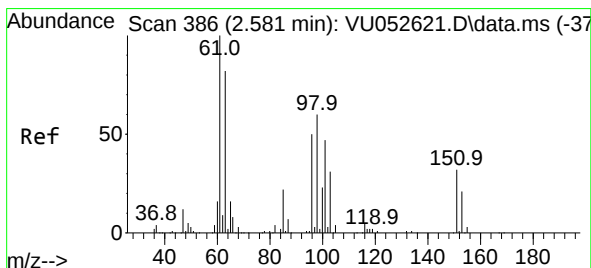
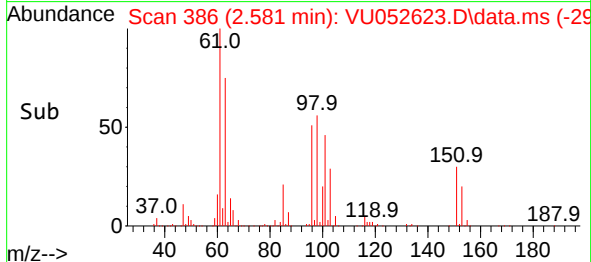
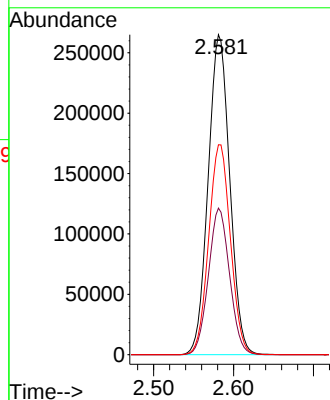
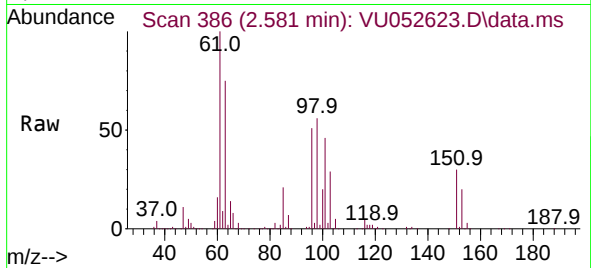
Tgt Ion:101 Resp: 497497

Ion Ratio Lower Upper

101 100

85 44.9 35.8 53.6

151 66.1 53.2 79.8



#12

1,1-Dichloroethene

Concen: 210.574 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

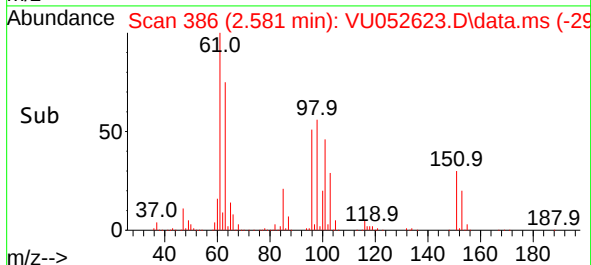
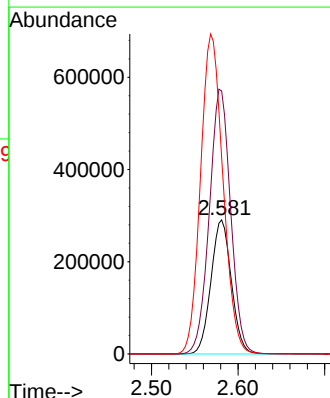
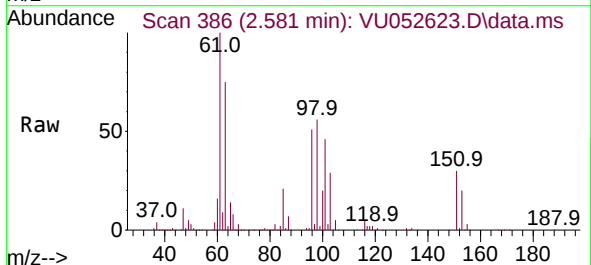
Tgt Ion: 96 Resp: 475539

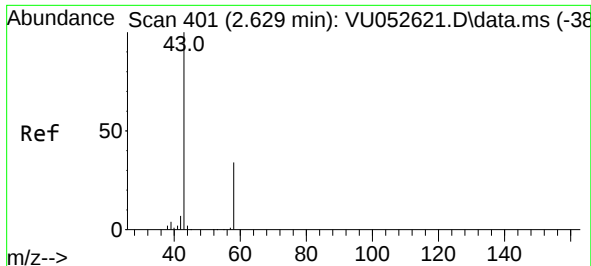
Ion Ratio Lower Upper

96 100

61 196.1 140.8 261.6

63 146.4 122.6 227.6





#13

Acetone

Concen: 391.452 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

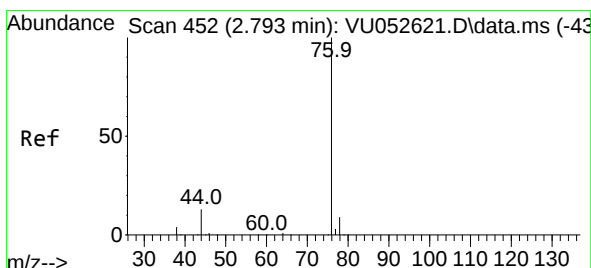
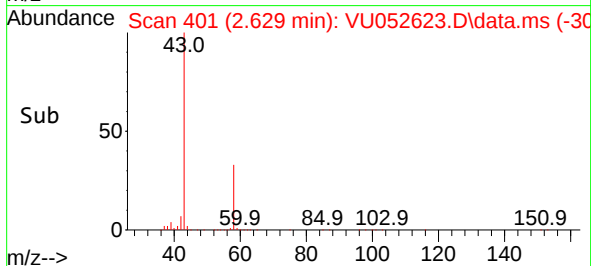
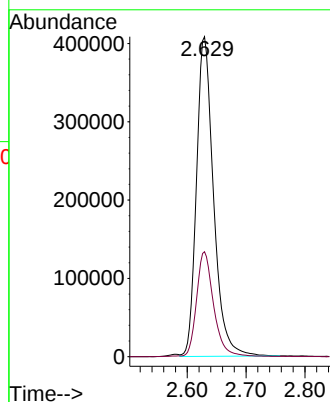
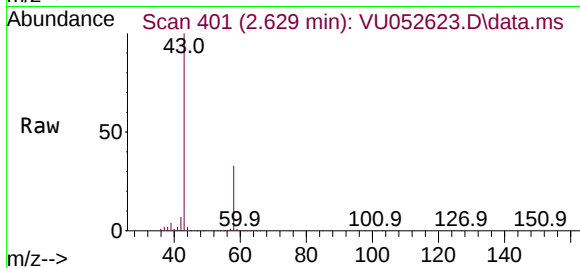
VSTD200065

Tgt Ion: 43 Resp: 824020

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.4



#14

Carbon disulfide

Concen: 211.242 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052623.D

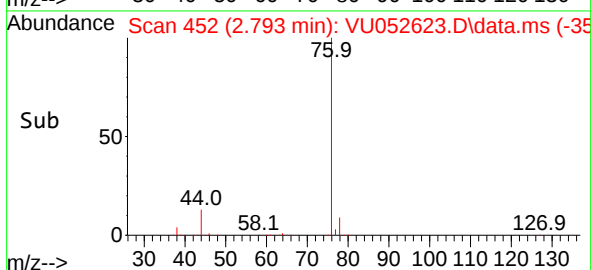
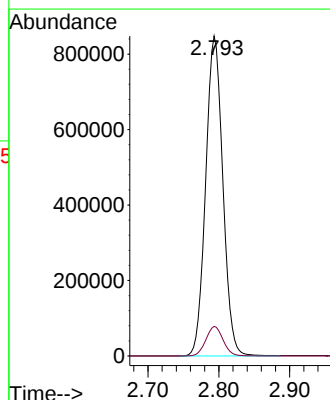
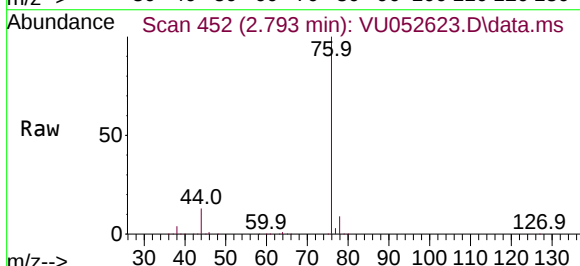
Acq: 06 Jan 2023 12:23

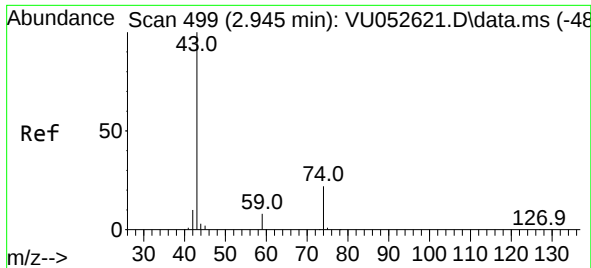
Tgt Ion: 76 Resp: 1427952

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

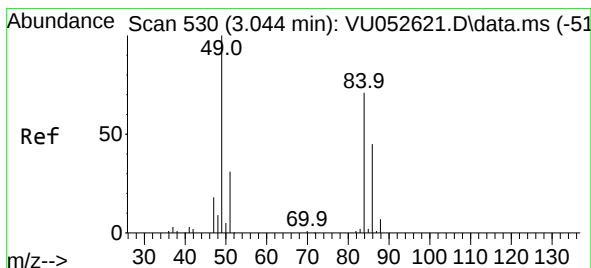
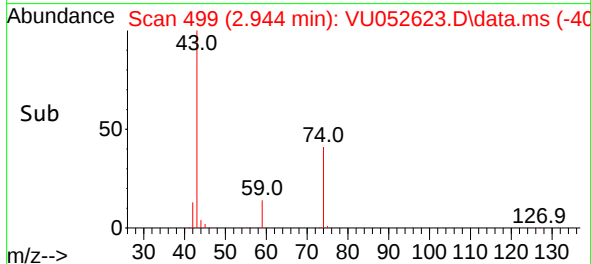
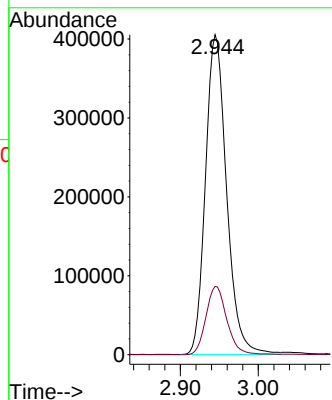
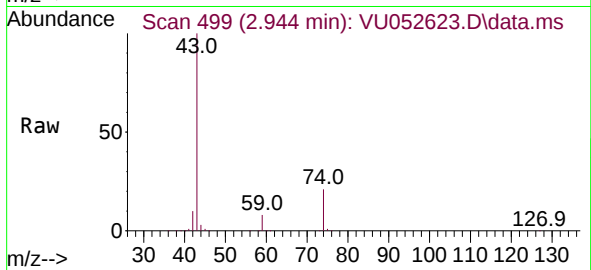




#15
Methyl Acetate
Concen: 272.497 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

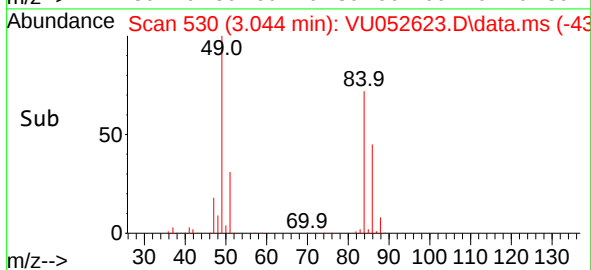
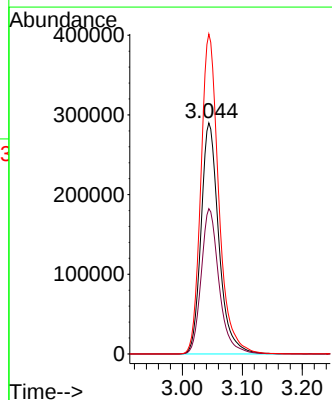
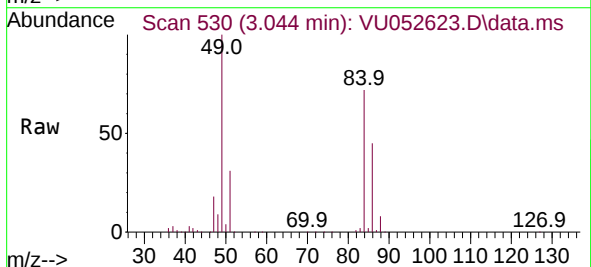
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

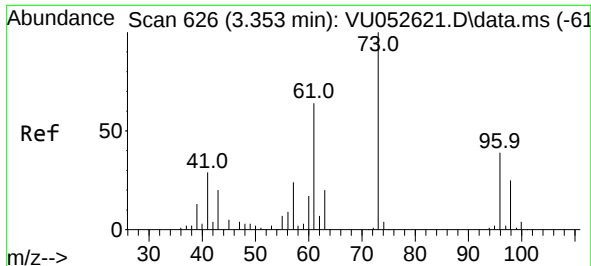
Tgt Ion: 43 Resp: 762943
Ion Ratio Lower Upper
43 100
74 21.2 17.2 25.8



#16
Methylene chloride
Concen: 210.751 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 84 Resp: 598261
Ion Ratio Lower Upper
84 100
86 62.9 44.7 83.1
49 138.5 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 214.315 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD200065

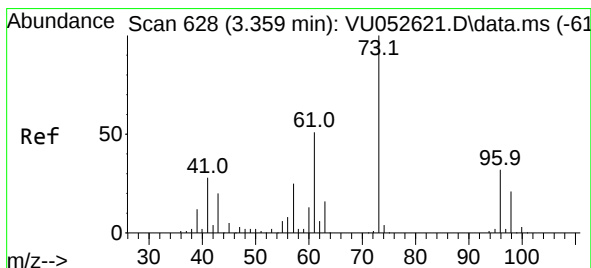
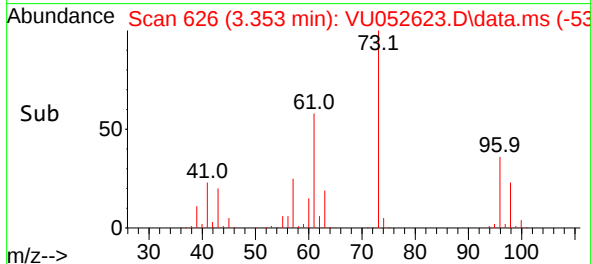
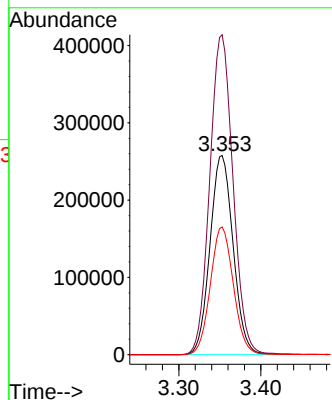
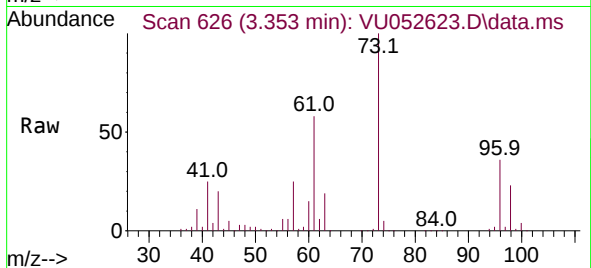
Tgt Ion: 96 Resp: 506823

Ion Ratio Lower Upper

96 100

61 160.7 115.3 214.1

98 64.1 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 251.902 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

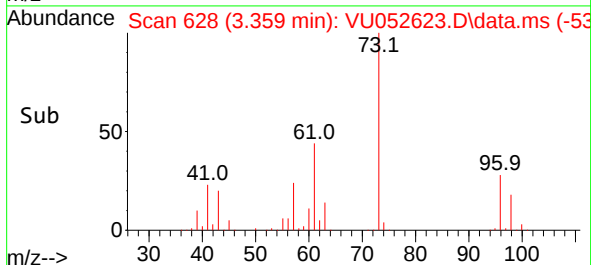
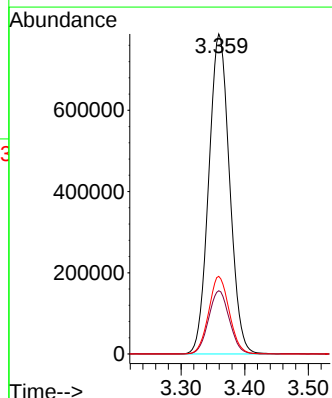
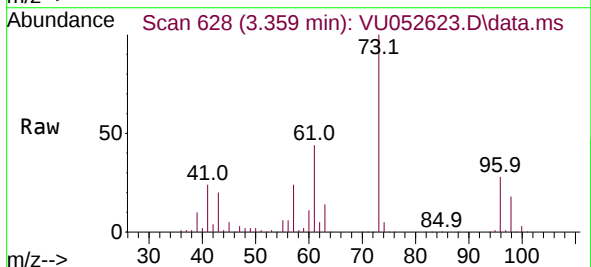
Tgt Ion: 73 Resp: 1787668

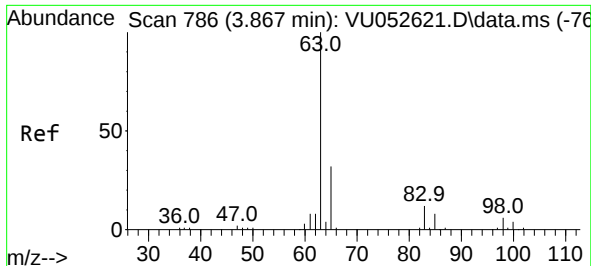
Ion Ratio Lower Upper

73 100

43 19.7 16.3 24.5

57 24.0 19.6 29.4





#19

1,1-Dichloroethane

Concen: 252.308 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

Instrument :

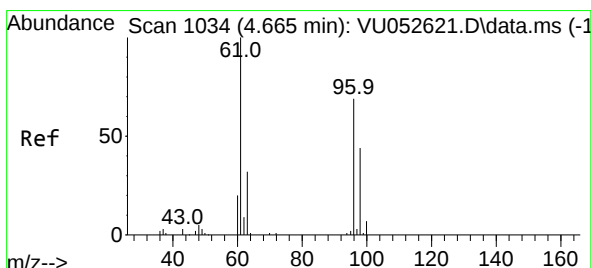
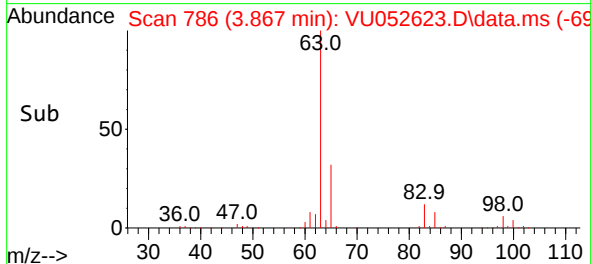
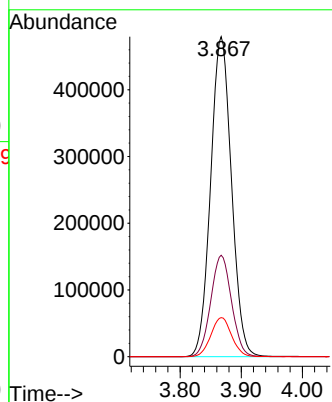
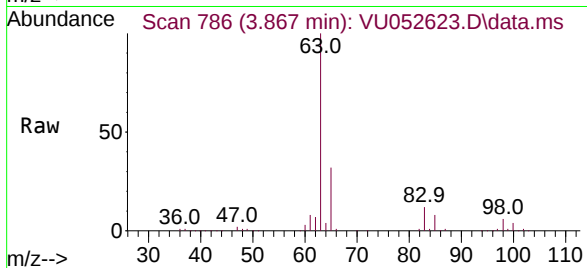
MSVOA_U

ClientSampleId :

VSTD200065

Tgt Ion: 63 Resp: 1134410

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.2	41.2
83	12.2	8.5	15.9



#20

cis-1,2-Dichloroethene

Concen: 234.209 ug/L

RT: 4.665 min Scan# 1034

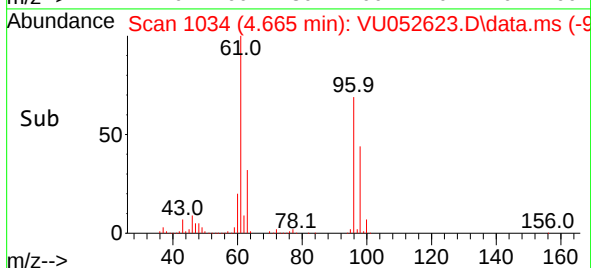
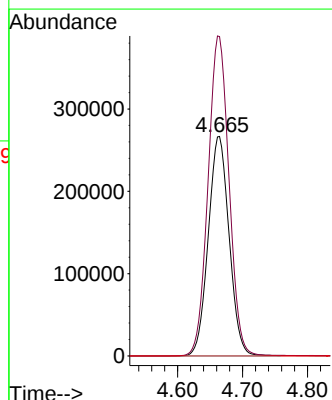
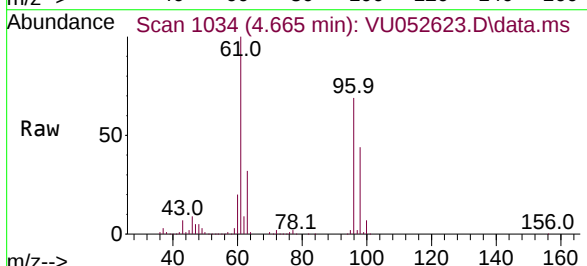
Delta R.T. -0.000 min

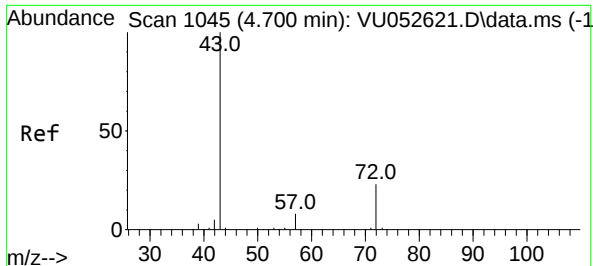
Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

Tgt Ion: 96 Resp: 594739

Ion	Ratio	Lower	Upper
96	100		
61	145.5	102.1	189.7
68	0.0	0.0	0.0

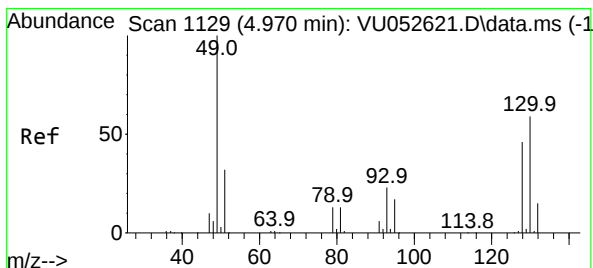
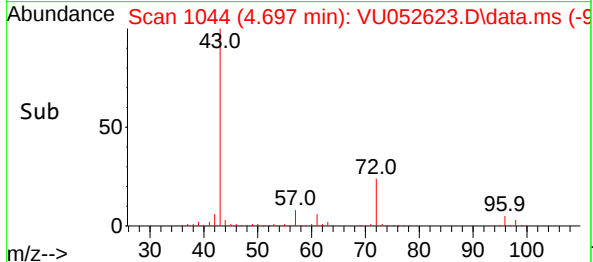
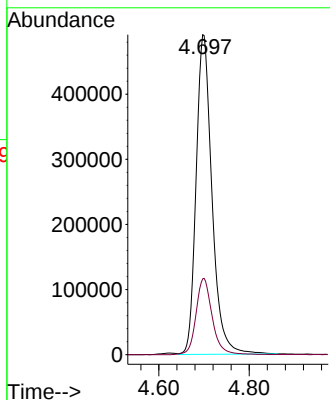
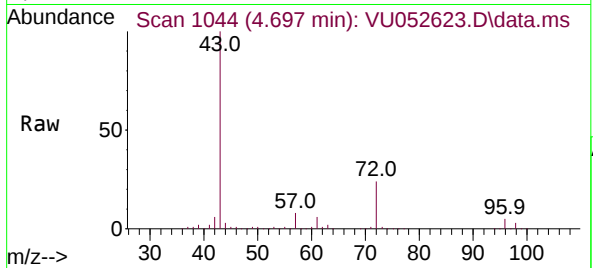




#22
2-Butanone
Concen: 493.147 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.003 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

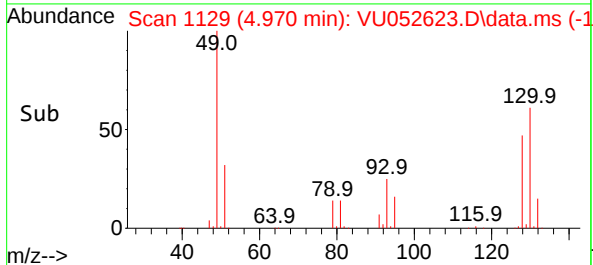
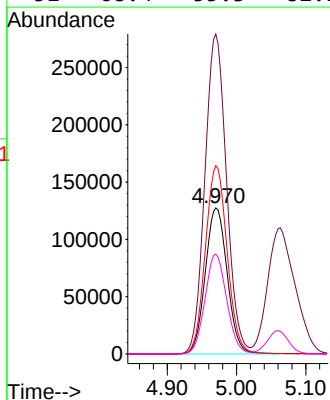
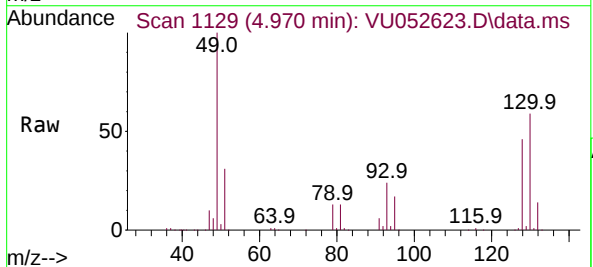
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

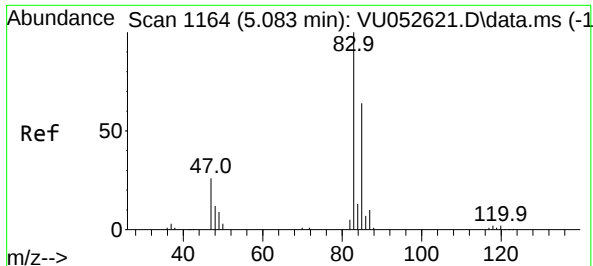
Tgt Ion: 43 Resp: 1194448
Ion Ratio Lower Upper
43 100
72 24.3 12.4 37.4



#23
Bromochloromethane
Concen: 207.657 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion:128 Resp: 280029
Ion Ratio Lower Upper
128 100
49 219.0 152.3 282.9
130 128.9 89.2 165.8
51 68.4 55.3 82.9

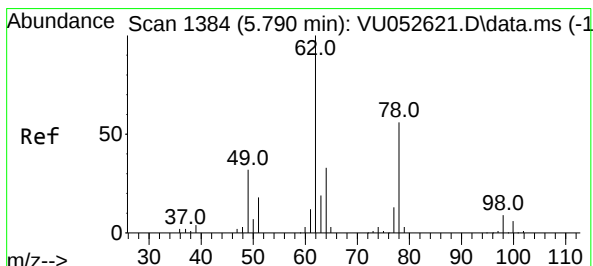
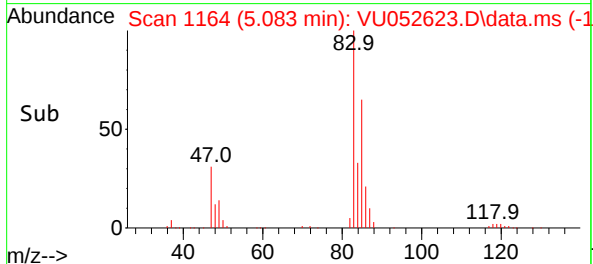
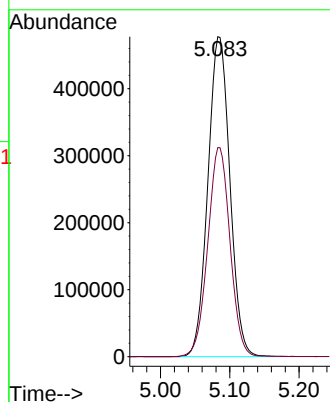
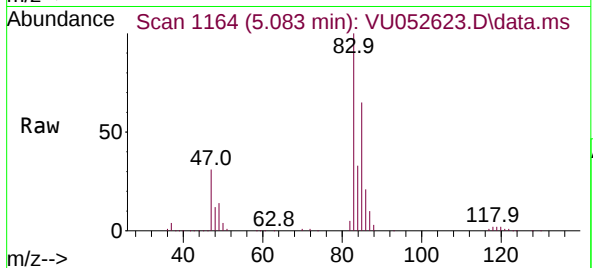




#25
Chloroform
Concen: 220.452 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

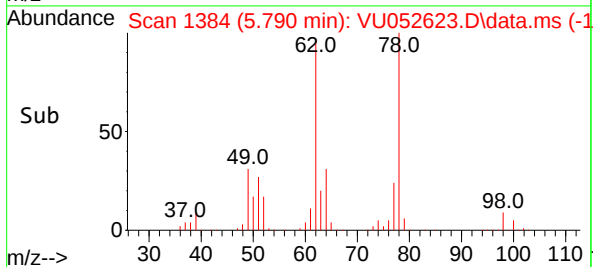
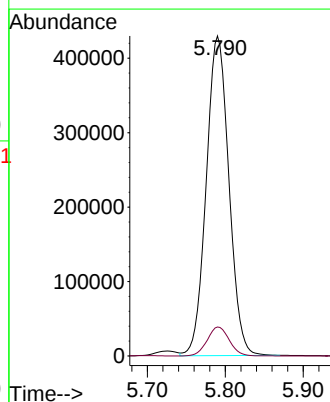
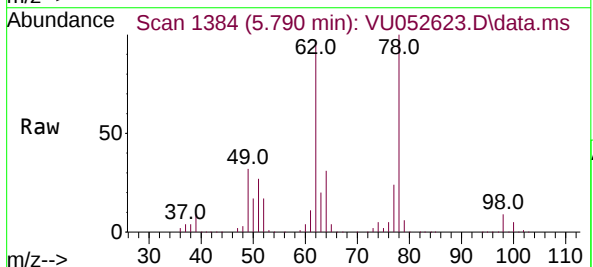
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

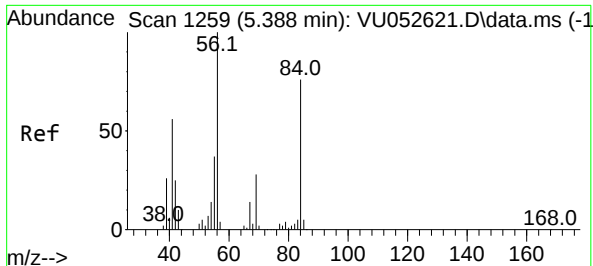
Tgt Ion: 83 Resp: 1053938
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5



#27
1,2-Dichloroethane
Concen: 234.041 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 62 Resp: 867986
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8





#29

Cyclohexane

Concen: 284.744 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD200065

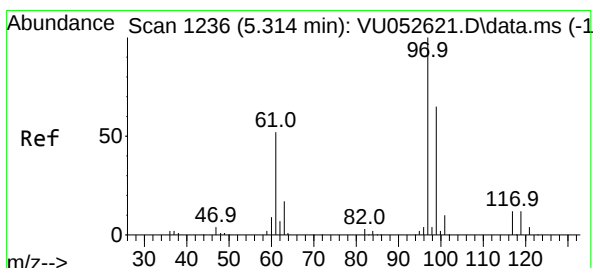
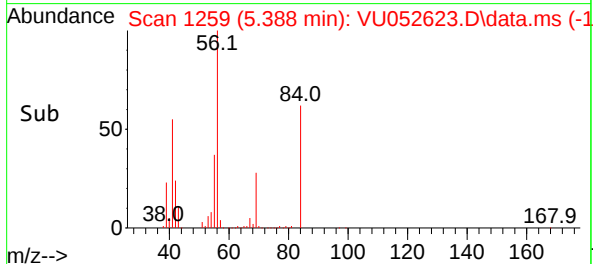
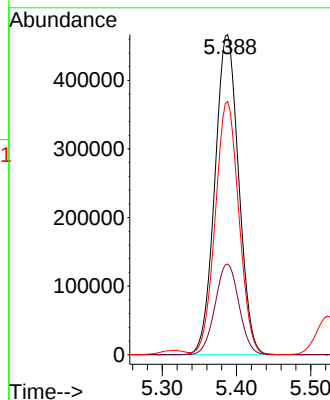
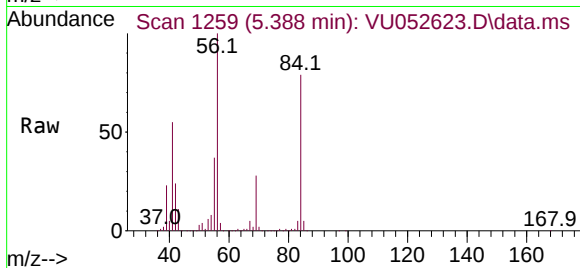
Tgt Ion: 56 Resp: 1037837

Ion Ratio Lower Upper

56 100

69 28.5 22.5 33.7

84 78.6 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 210.846 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

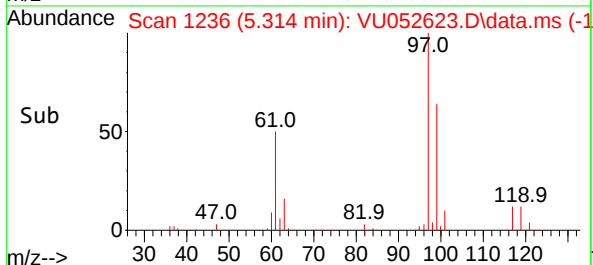
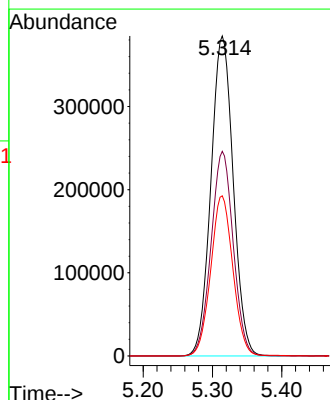
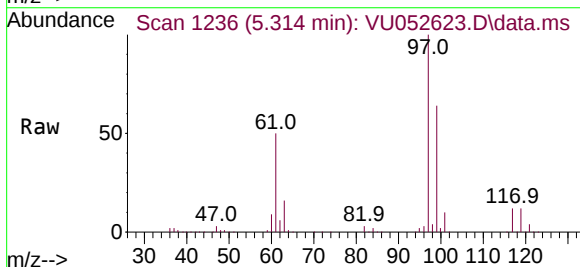
Tgt Ion: 97 Resp: 859398

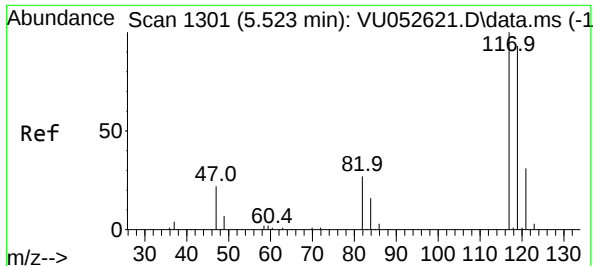
Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

61 49.7 41.2 61.8

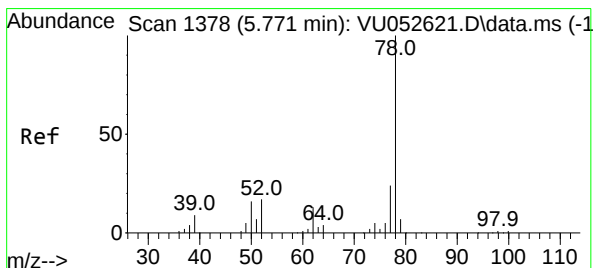
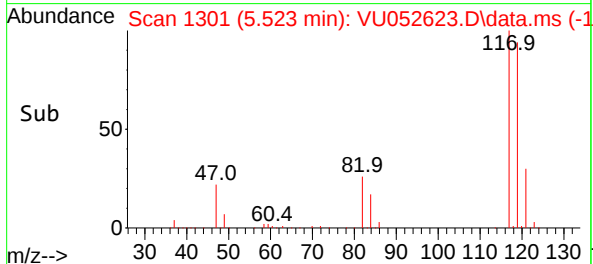
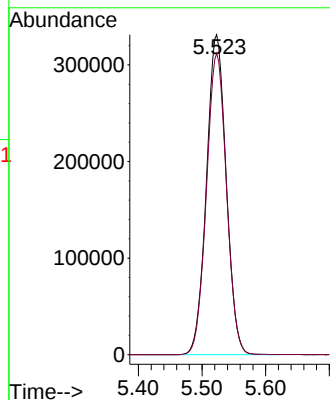
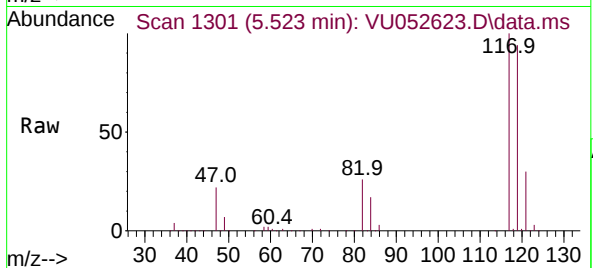




#31
Carbon tetrachloride
Concen: 203.820 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

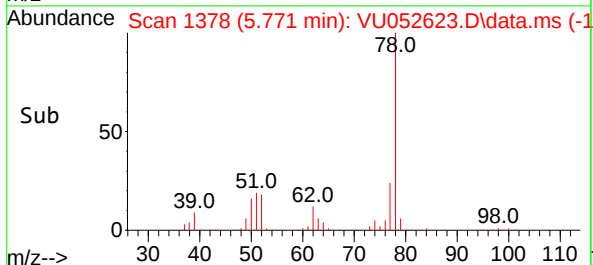
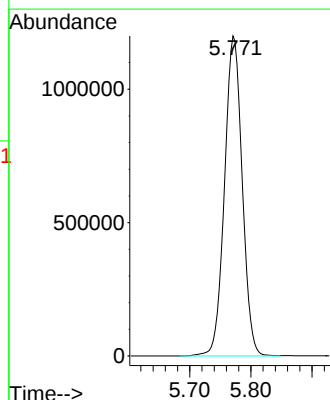
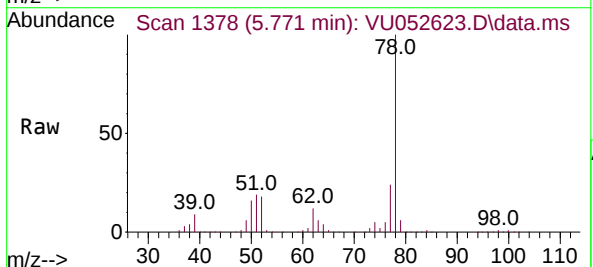
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

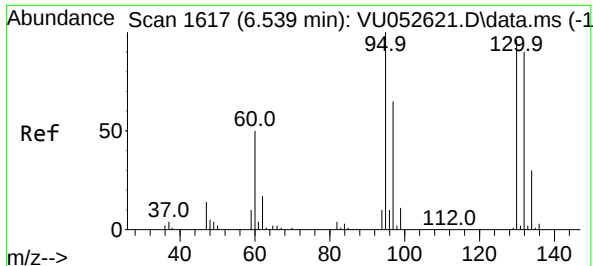
Tgt Ion:117 Resp: 713827
Ion Ratio Lower Upper
117 100
119 95.2 76.0 114.0



#33
Benzene
Concen: 237.001 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 78 Resp: 2412494

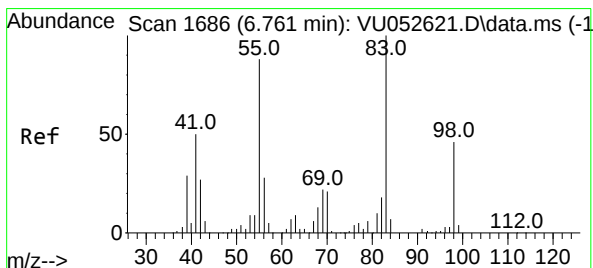
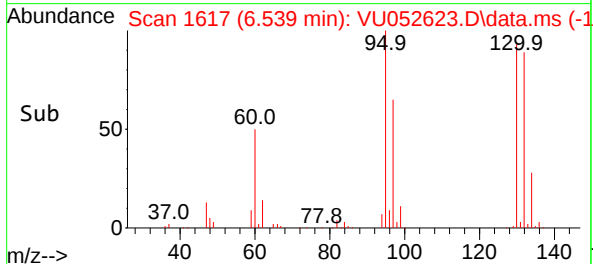
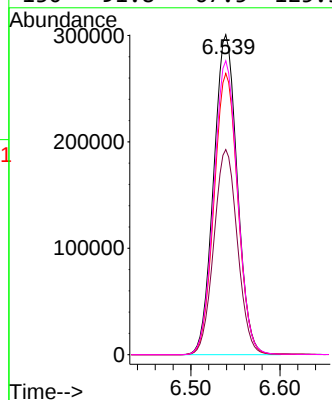
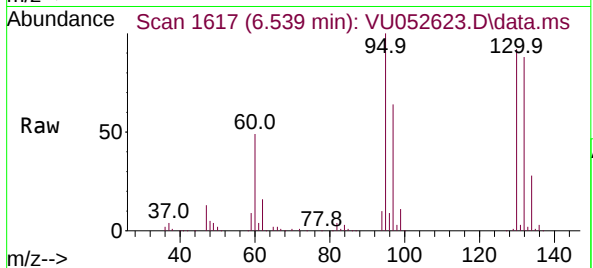




#34
Trichloroethene
Concen: 213.266 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

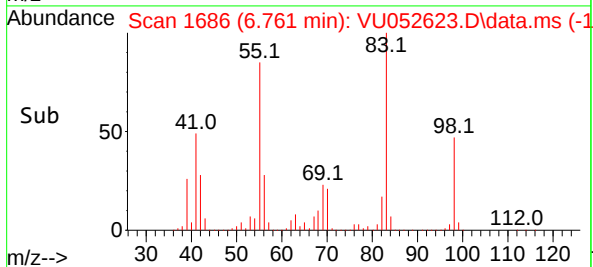
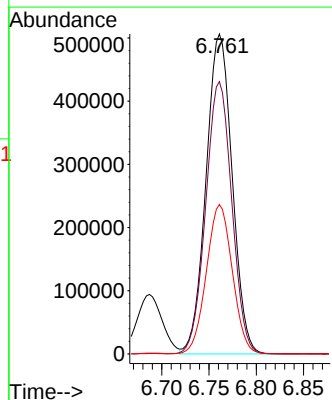
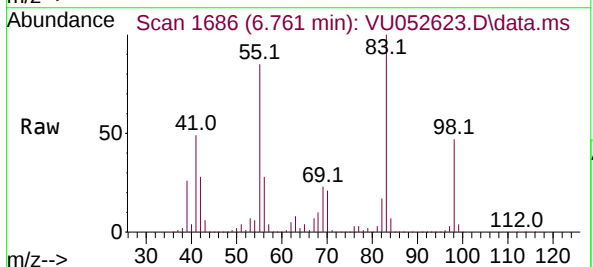
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

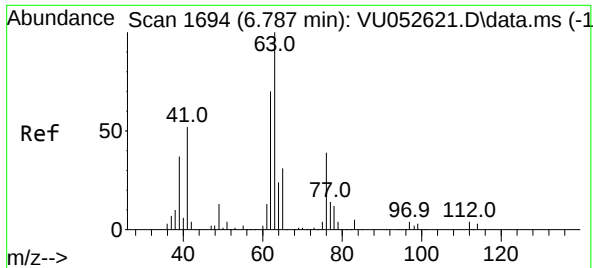
Tgt Ion: 95 Resp: 554122
Ion Ratio Lower Upper
95 100
97 64.1 45.7 84.9
132 87.9 62.6 116.3
130 91.8 67.5 125.3



#35
Methylcyclohexane
Concen: 243.165 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 83 Resp: 975245
Ion Ratio Lower Upper
83 100
55 84.7 71.0 106.4
98 46.3 37.0 55.6

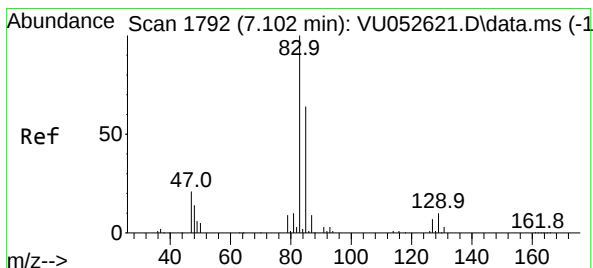
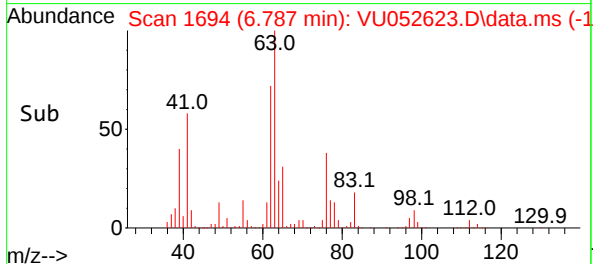
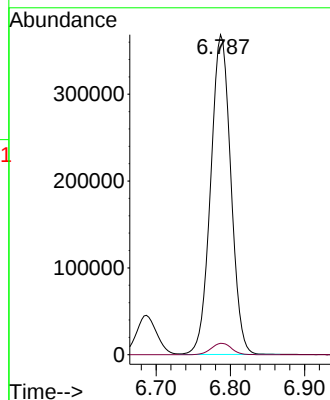
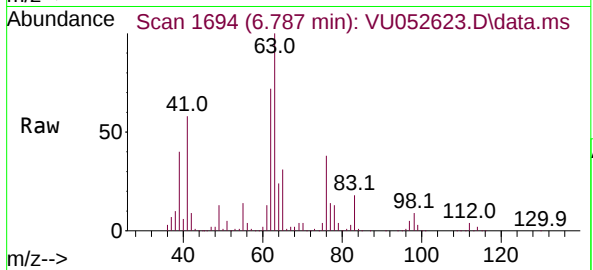




#37
1,2-Dichloropropane
Concen: 260.309 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

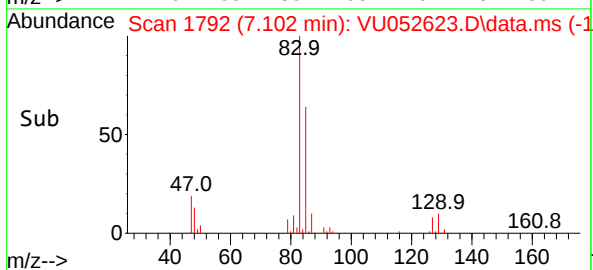
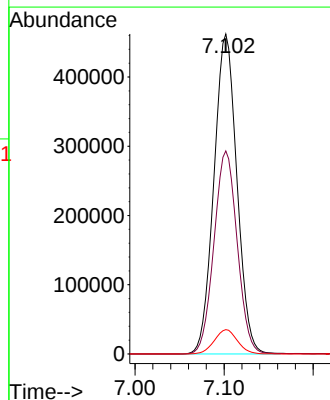
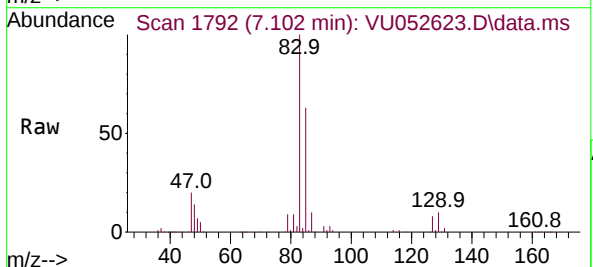
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

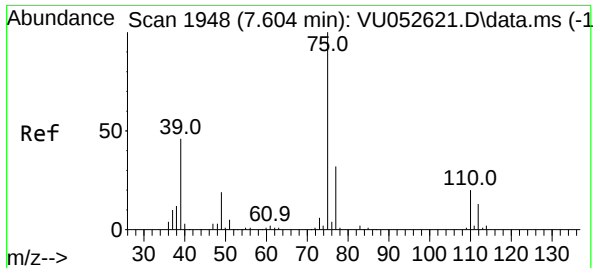
Tgt Ion: 63 Resp: 695059
Ion Ratio Lower Upper
63 100
112 3.6 3.1 4.7



#38
Bromodichloromethane
Concen: 232.443 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 83 Resp: 829344
Ion Ratio Lower Upper
83 100
85 63.5 44.7 82.9
127 7.6 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 266.011 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

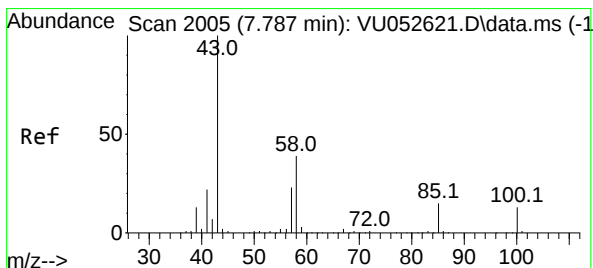
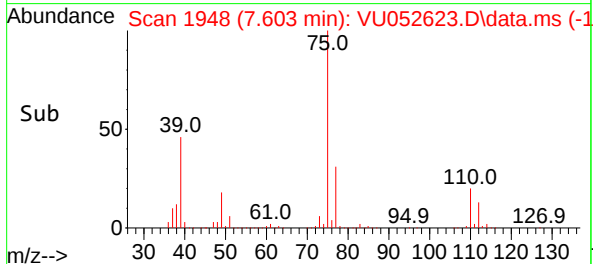
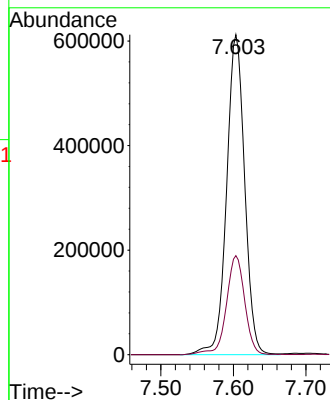
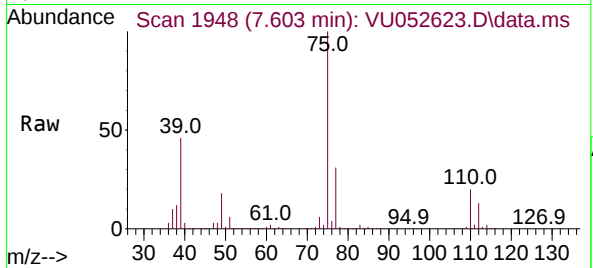
VSTD200065

Tgt Ion: 75 Resp: 1058319

Ion Ratio Lower Upper

75 100

77 30.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 599.298 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

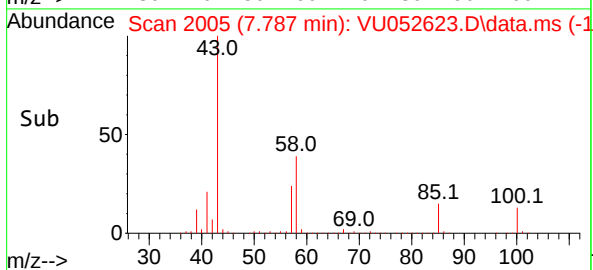
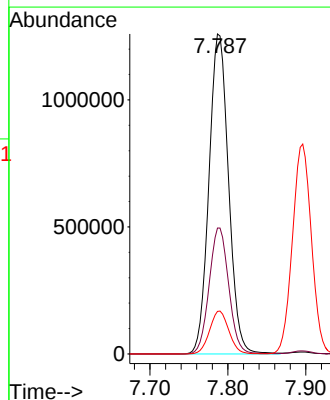
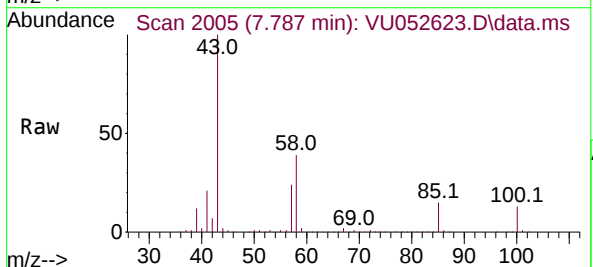
Tgt Ion: 43 Resp: 2198907

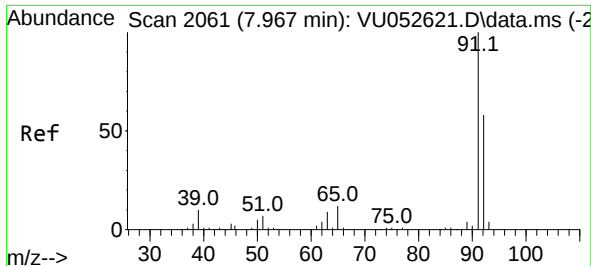
Ion Ratio Lower Upper

43 100

58 39.4 30.4 45.6

100 13.2 9.9 14.9





#42

Toluene

Concen: 231.241 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052623.D

Acq: 06 Jan 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

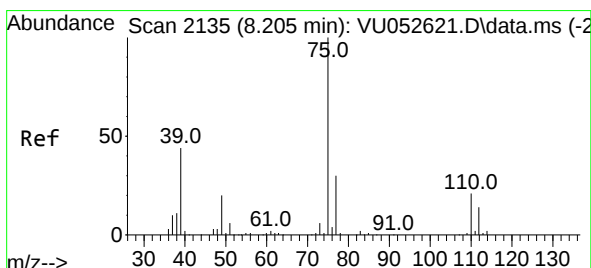
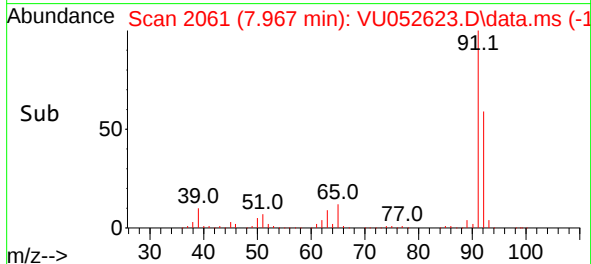
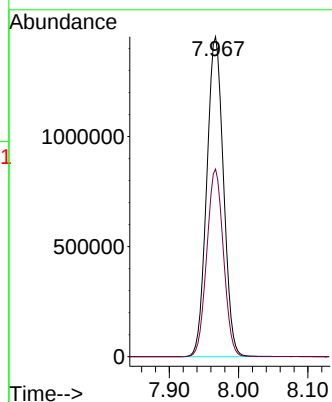
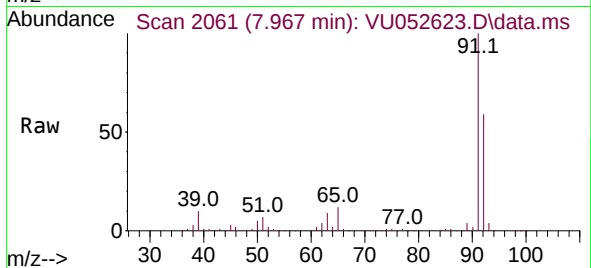
VSTD200065

Tgt Ion: 91 Resp: 2430810

Ion Ratio Lower Upper

91 100

92 58.6 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 260.317 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU052623.D

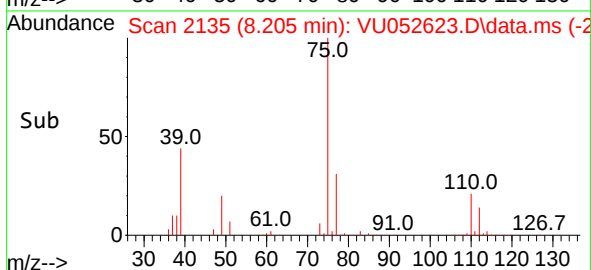
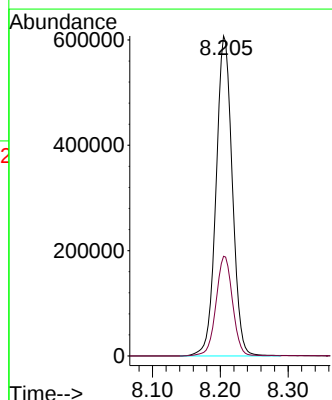
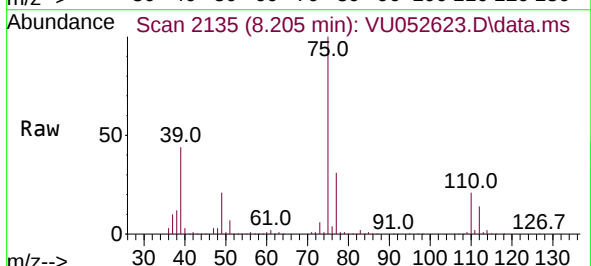
Acq: 06 Jan 2023 12:23

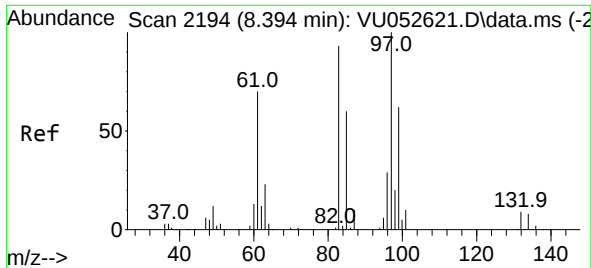
Tgt Ion: 75 Resp: 1010759

Ion Ratio Lower Upper

75 100

77 31.1 21.3 39.5



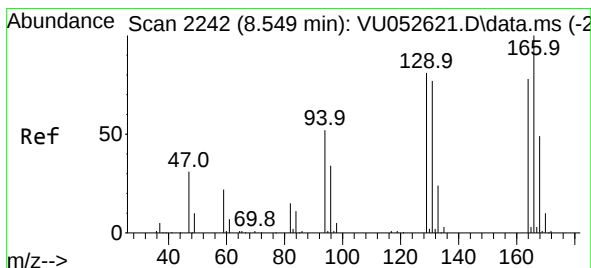
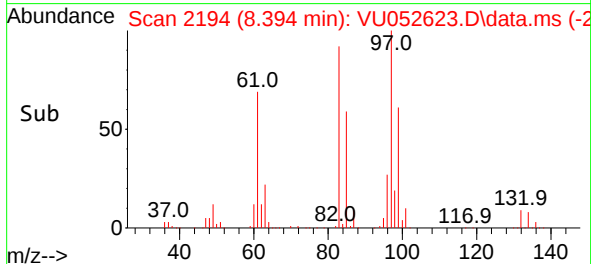
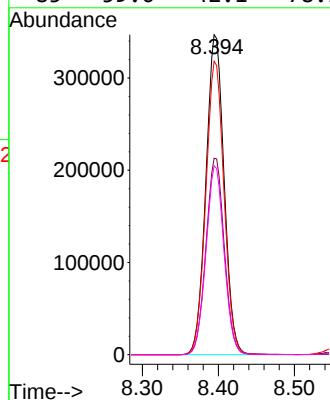
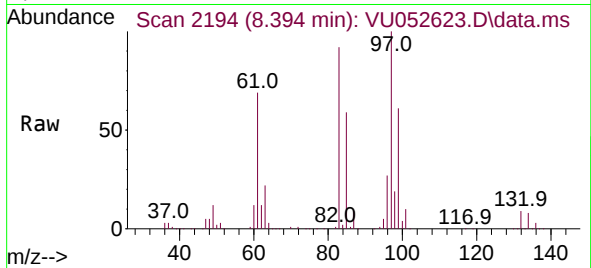


#45
1,1,2-Trichloroethane
Concen: 219.960 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

Tgt Ion: 97 Resp: 576283

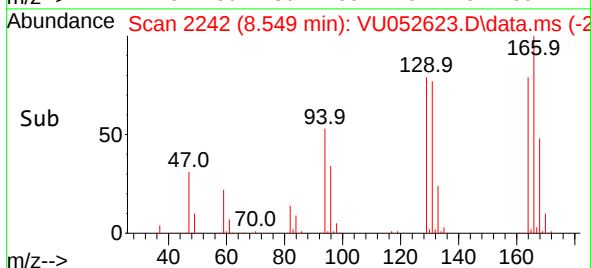
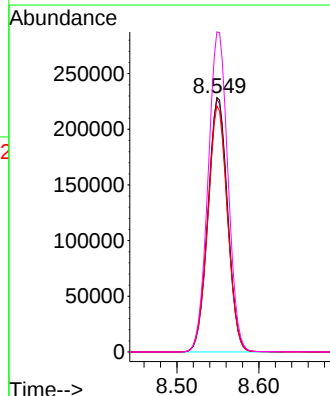
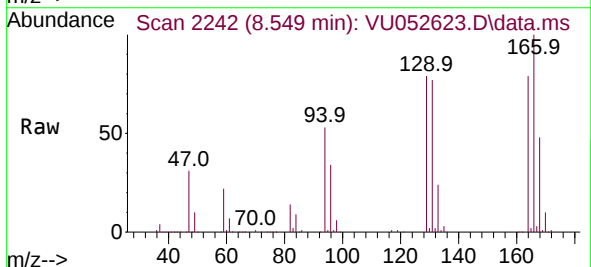
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.3	80.3
83	91.7	65.2	121.0
85	59.0	42.1	78.1

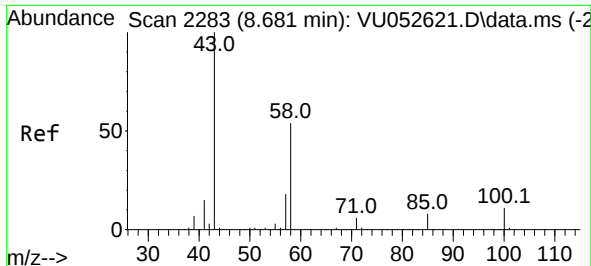


#46
Tetrachloroethene
Concen: 196.300 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 164 Resp: 380702

Ion	Ratio	Lower	Upper
164	100		
129	99.4	72.7	134.9
131	96.7	69.2	128.4
166	125.8	89.6	166.4



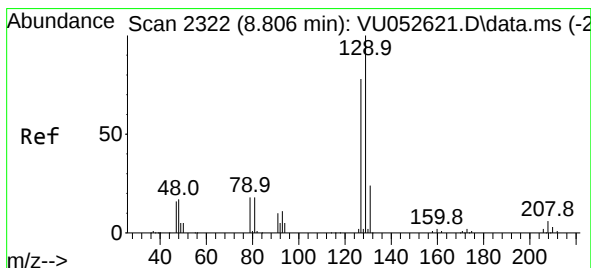
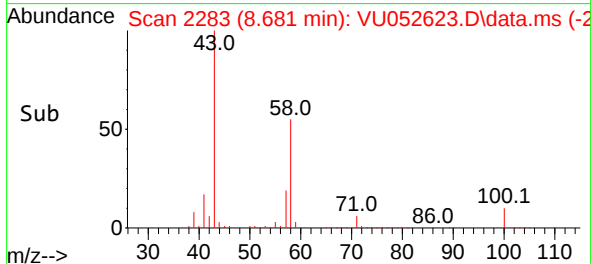
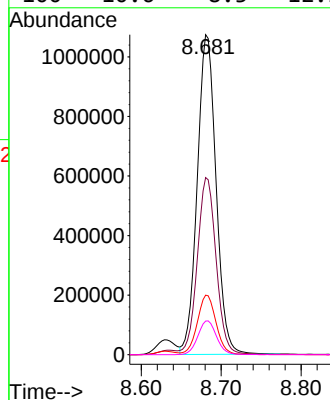
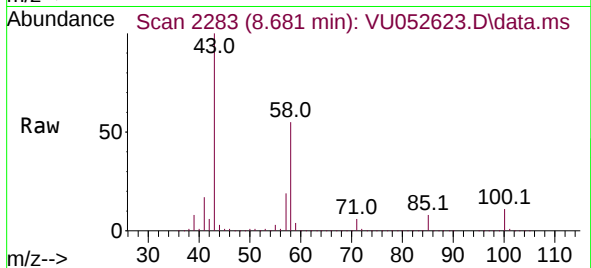


#48
2-Hexanone
Concen: 570.779 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

Tgt Ion: 43 Resp: 1761312

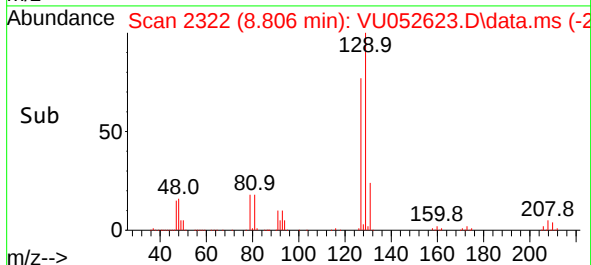
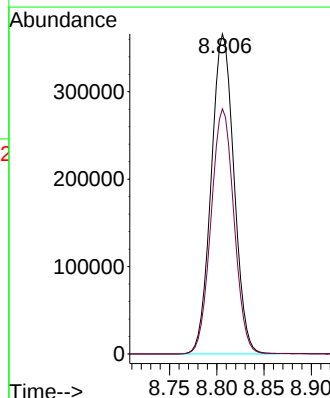
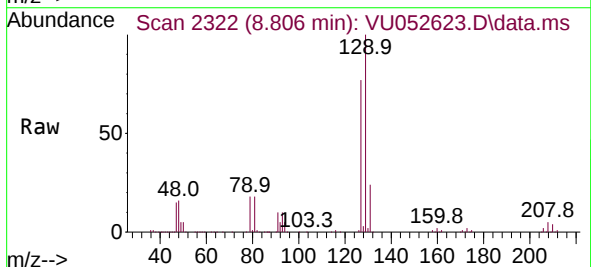
Ion	Ratio	Lower	Upper
43	100		
58	55.4	42.6	63.8
57	18.6	14.2	21.4
100	10.6	8.3	12.5

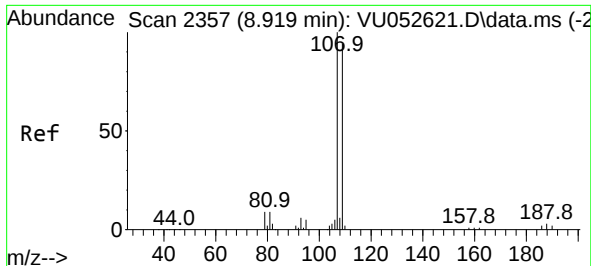


#49
Dibromochloromethane
Concen: 214.918 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 129 Resp: 613634

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.5	101.3

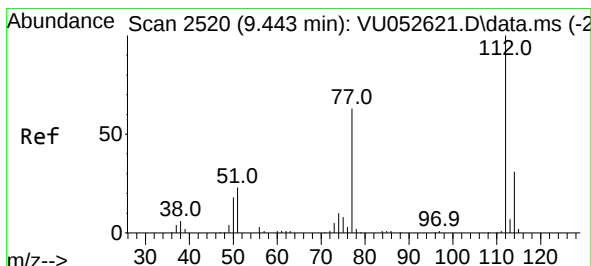
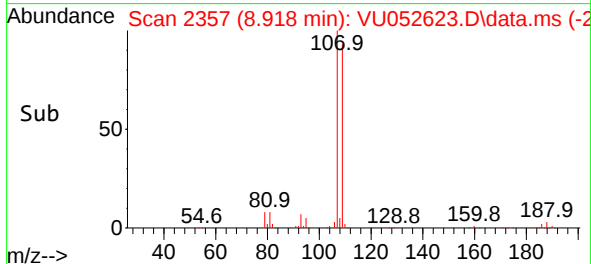
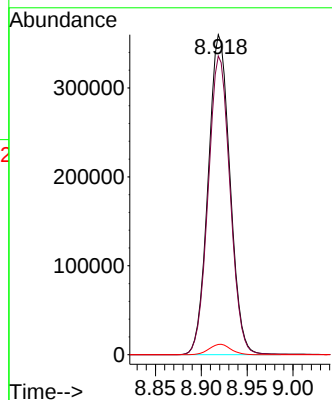
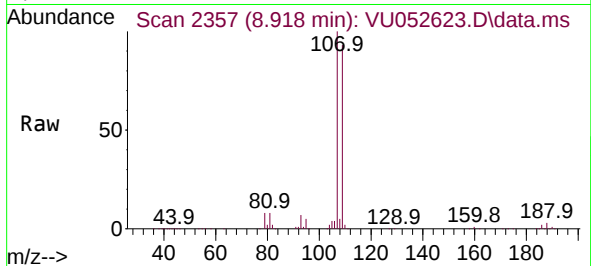




#50
1,2-Dibromoethane
Concen: 220.931 ug/L
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

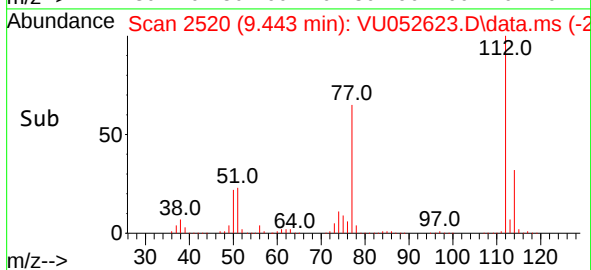
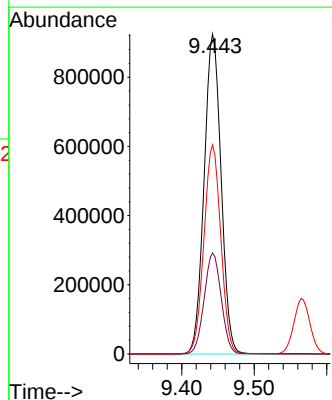
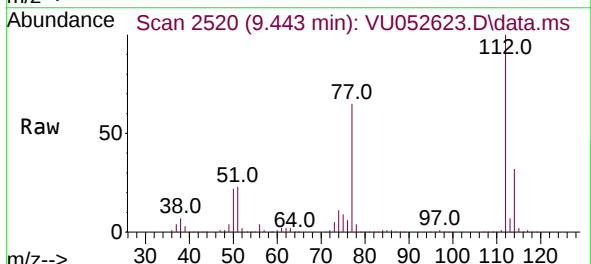
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

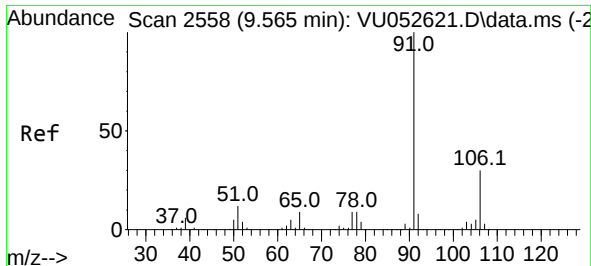
Tgt Ion:107 Resp: 597465
Ion Ratio Lower Upper
107 100
109 93.4 65.9 122.5
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 220.418 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion:112 Resp: 1502350
Ion Ratio Lower Upper
112 100
114 31.6 21.6 40.0
77 65.3 50.8 76.2

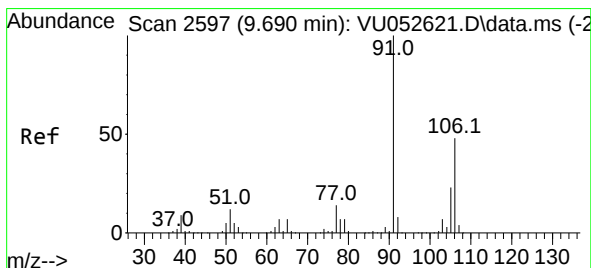
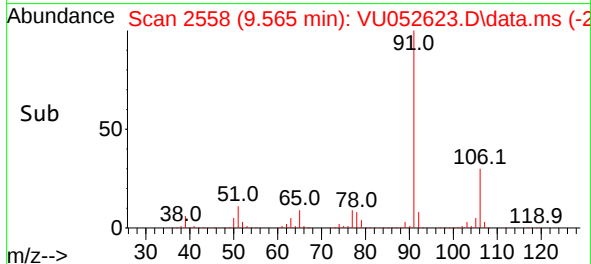
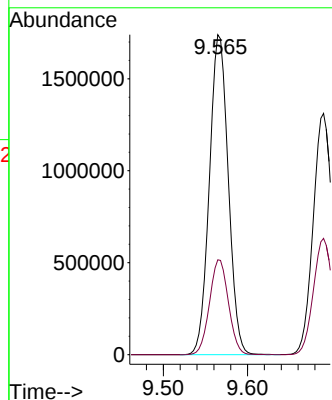
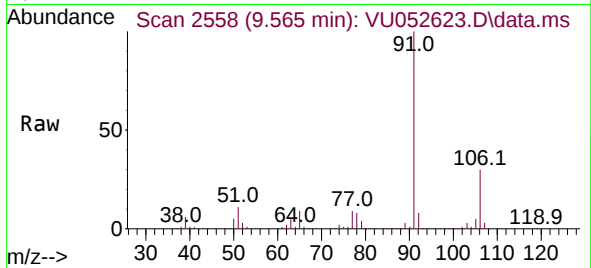




#52
Ethylbenzene
Concen: 243.957 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

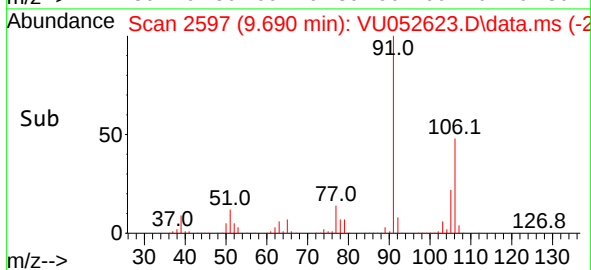
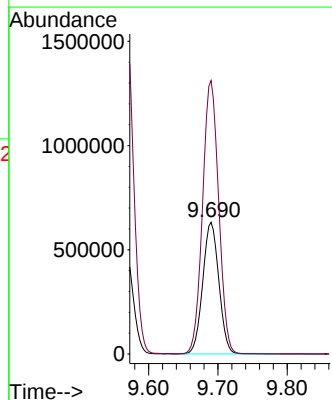
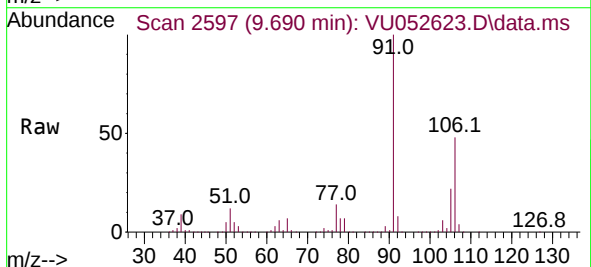
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

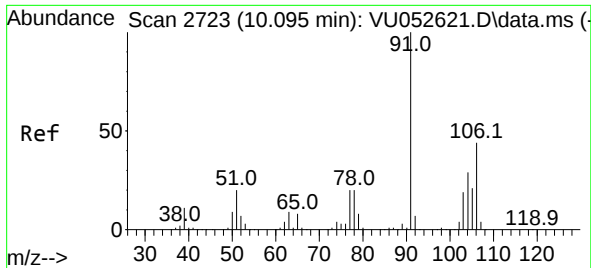
Tgt Ion: 91 Resp: 2706910
Ion Ratio Lower Upper
91 100
106 29.7 20.7 38.5



#53
m,p-Xylene
Concen: 238.374 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 106 Resp: 1017935
Ion Ratio Lower Upper
106 100
91 207.6 144.6 268.6

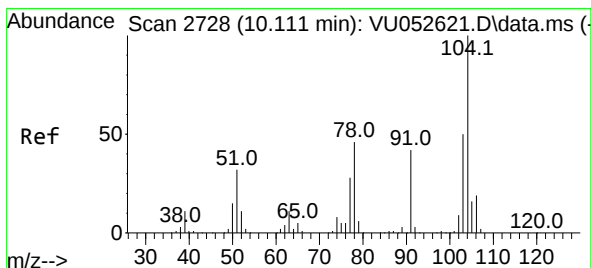
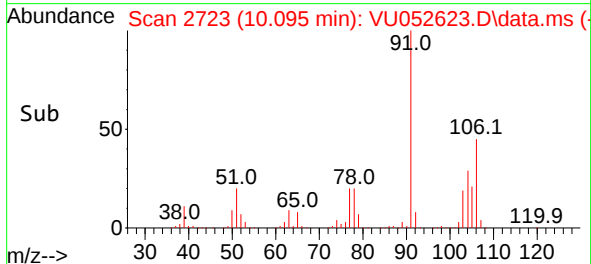
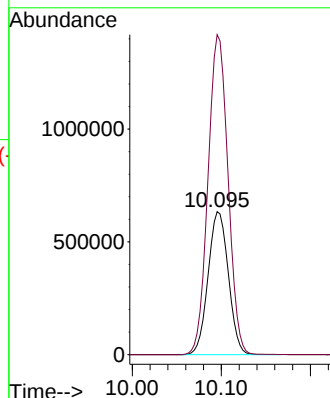
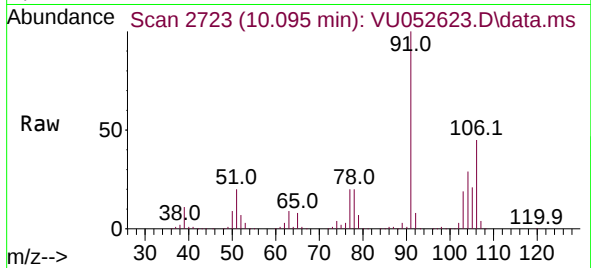




#54
o-xylene
Concen: 245.805 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

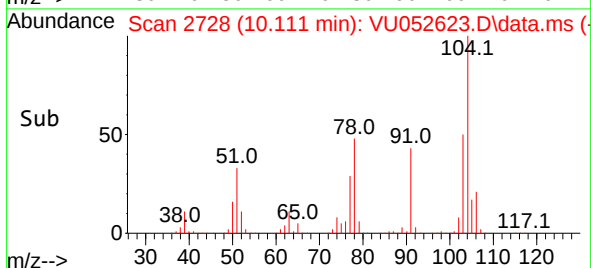
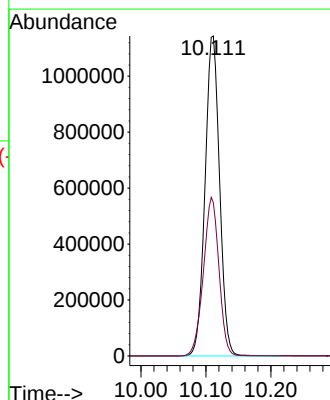
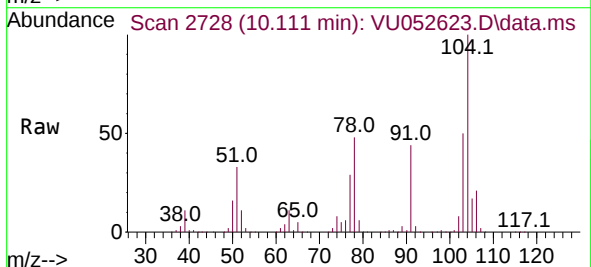
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

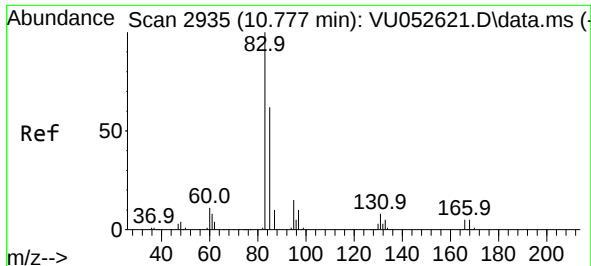
Tgt Ion:106 Resp: 1002000
Ion Ratio Lower Upper
106 100
91 223.8 158.3 294.1



#55
Styrene
Concen: 247.636 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion:104 Resp: 1784964
Ion Ratio Lower Upper
104 100
78 48.0 32.5 60.3

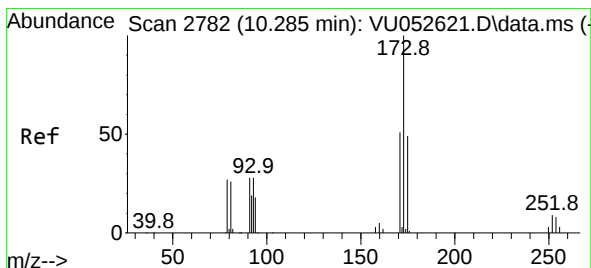
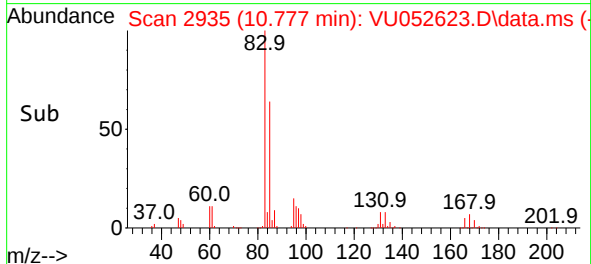
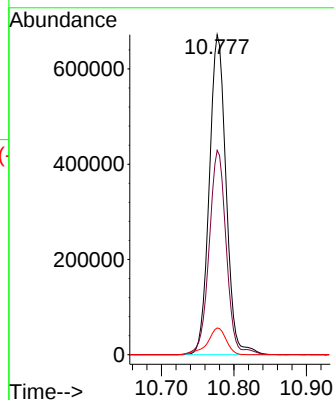
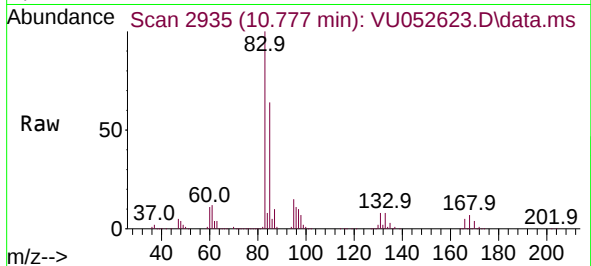




#57
1,1,2,2-Tetrachloroethane
Concen: 233.716 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

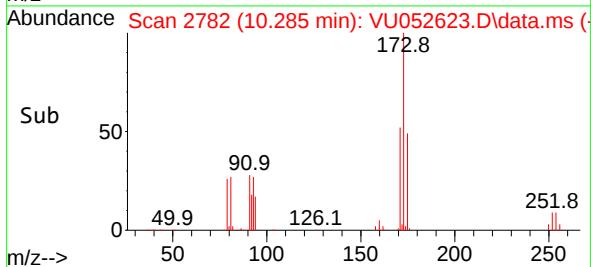
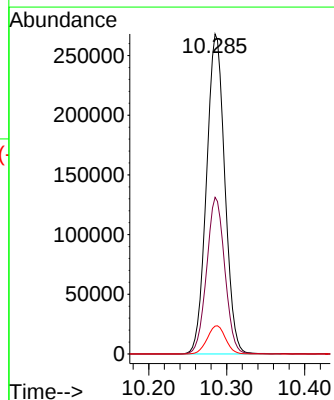
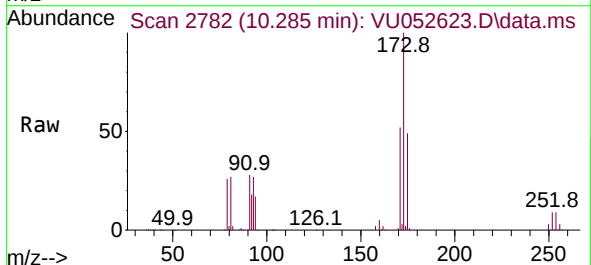
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

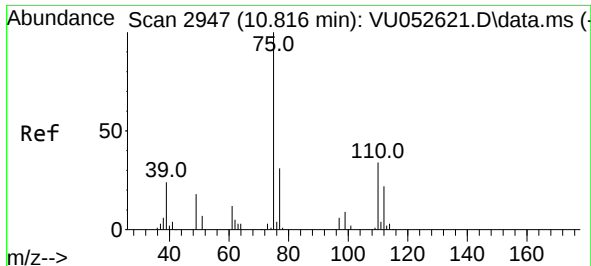
Tgt Ion: 83 Resp: 1079268
Ion Ratio Lower Upper
83 100
85 63.9 44.0 81.6
131 8.4 7.0 10.4



#59
Bromoform
Concen: 189.294 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion:173 Resp: 437020
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.0
254 8.8 7.0 10.6

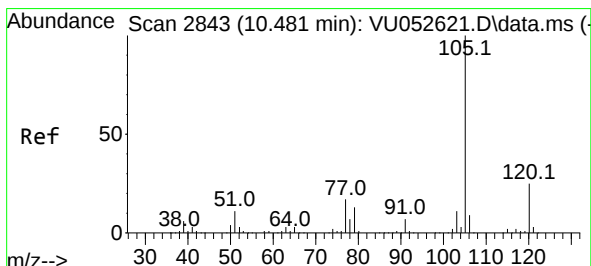
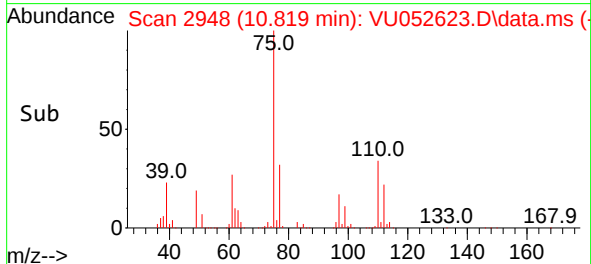
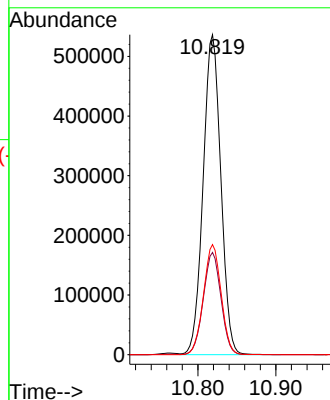
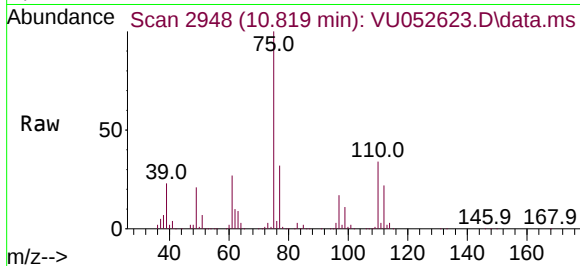




#60
1,2,3-Trichloropropane
Concen: 206.702 ug/L
RT: 10.819 min Scan# 2947
Delta R.T. 0.003 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

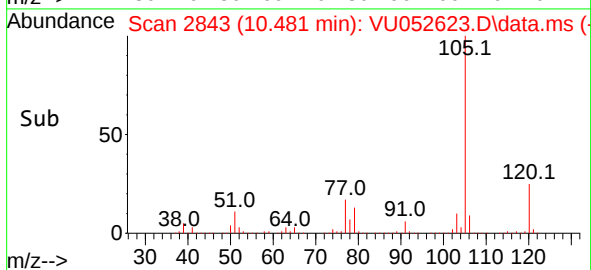
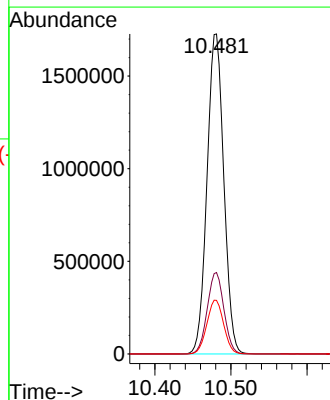
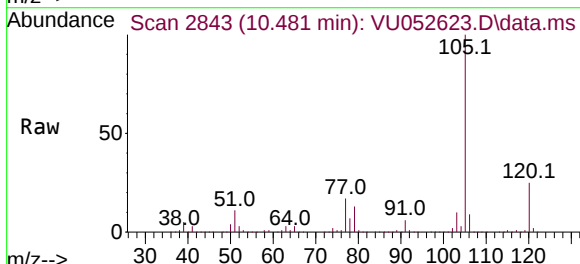
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

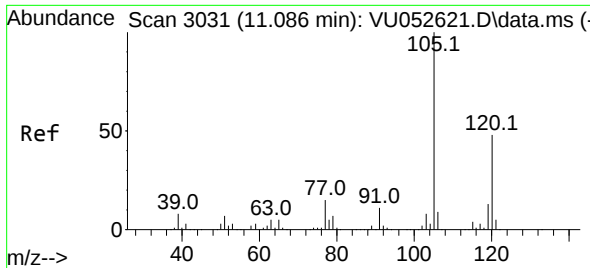
Tgt Ion: 75 Resp: 846062
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
110 34.3 27.3 40.9



#61
Isopropylbenzene
Concen: 226.657 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 105 Resp: 2642619
Ion Ratio Lower Upper
105 100
120 25.4 19.8 29.8
77 16.9 13.8 20.6

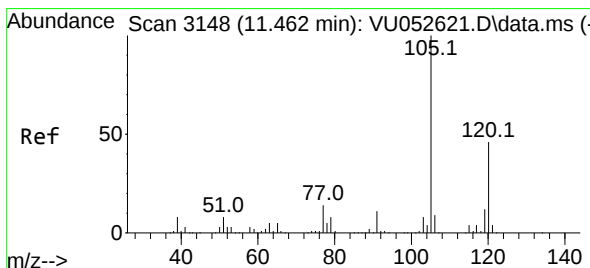
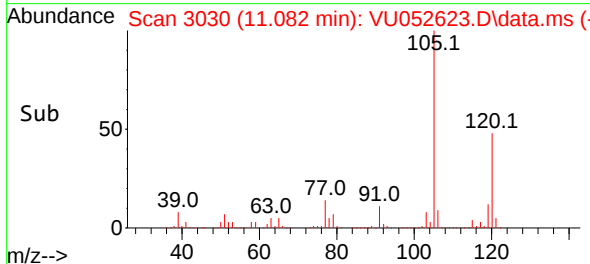
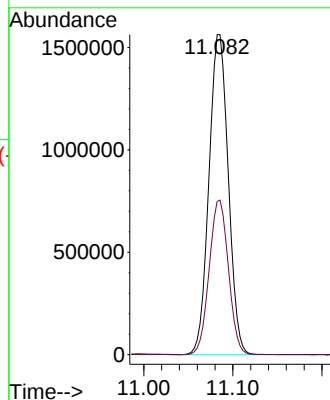
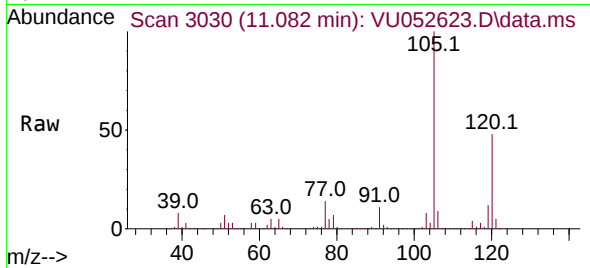




#62
1,3,5-Trimethylbenzene
Concen: 242.273 ug/L
RT: 11.082 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

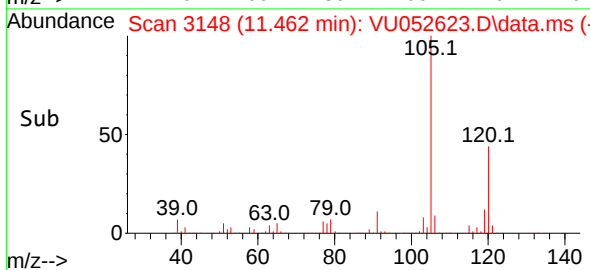
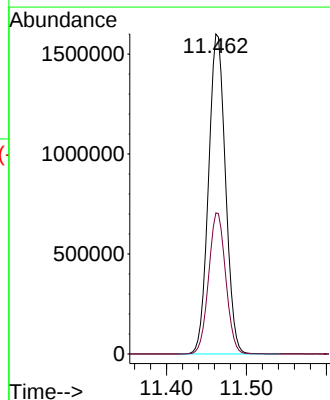
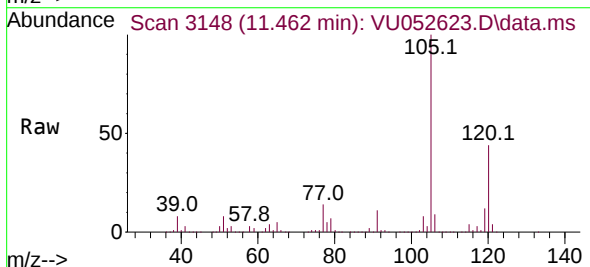
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

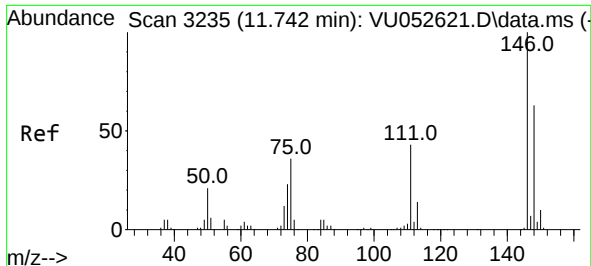
Tgt Ion:105 Resp: 2354733
Ion Ratio Lower Upper
105 100
120 48.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 243.543 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion:105 Resp: 2359542
Ion Ratio Lower Upper
105 100
120 44.4 36.1 54.1

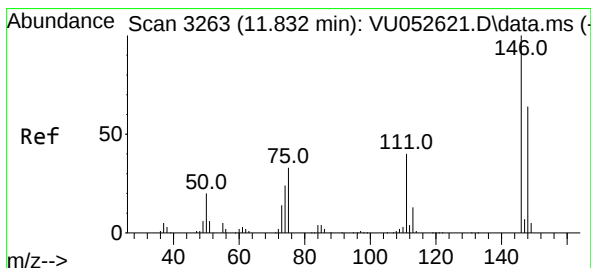
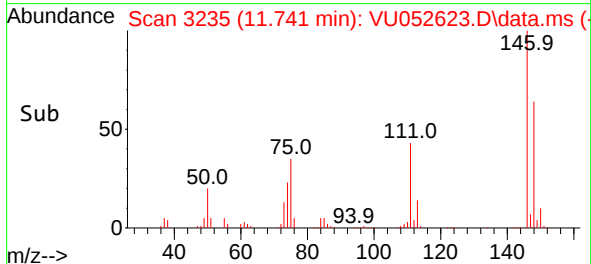
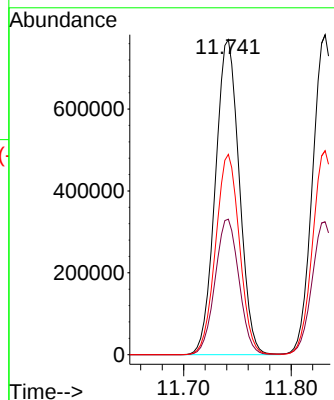
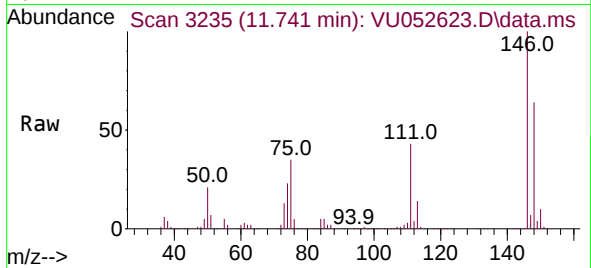




#64
1,3-Dichlorobenzene
Concen: 203.063 ug/L
RT: 11.741 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

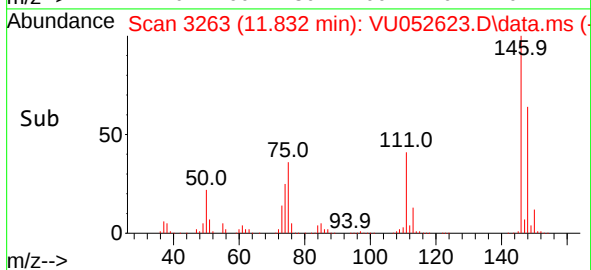
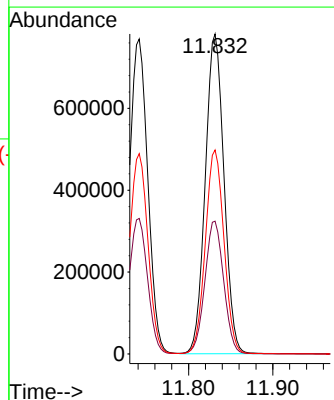
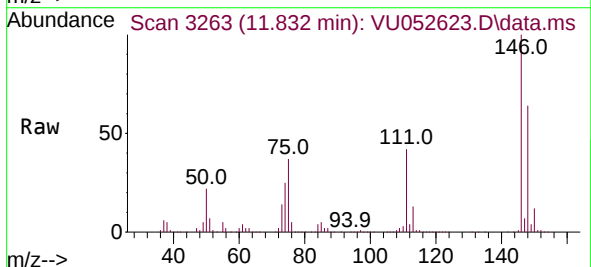
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

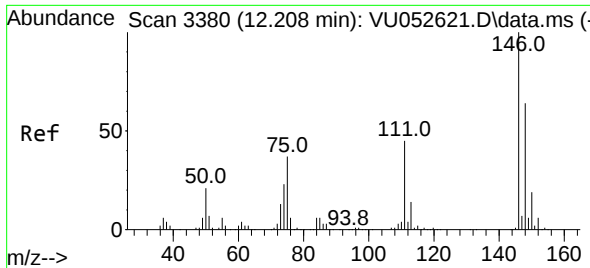
Tgt Ion:146 Resp: 1190986
Ion Ratio Lower Upper
146 100
111 43.0 29.8 55.3
148 63.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 197.527 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion:146 Resp: 1207510
Ion Ratio Lower Upper
146 100
111 41.5 28.6 53.0
148 63.7 44.7 82.9

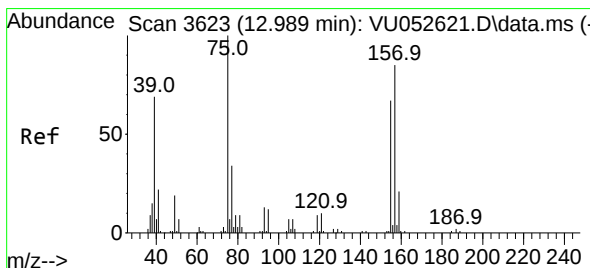
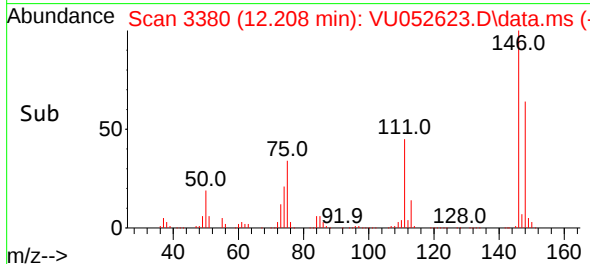
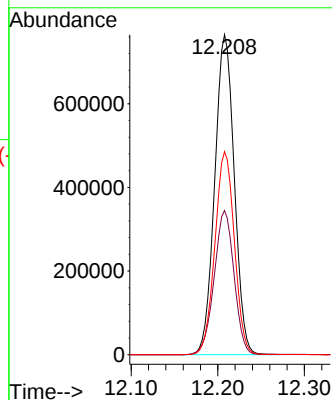
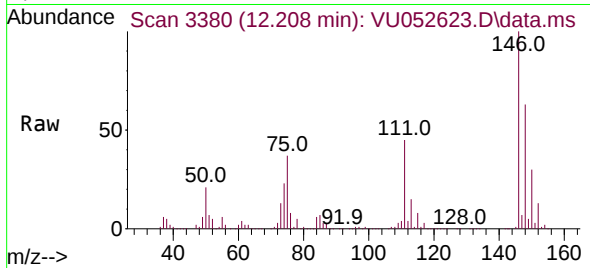




#67
1,2-Dichlorobenzene
Concen: 203.201 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

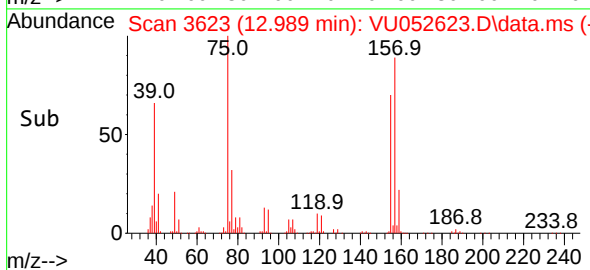
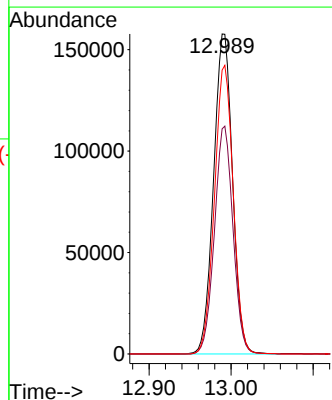
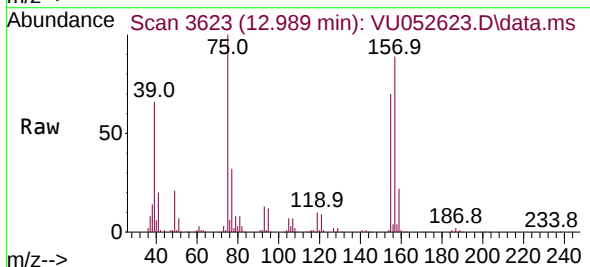
Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

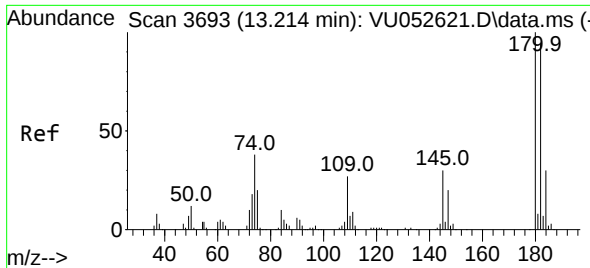
Tgt Ion:146 Resp: 1199330
Ion Ratio Lower Upper
146 100
111 45.0 35.7 53.5
148 63.5 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 209.904 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion: 75 Resp: 253394
Ion Ratio Lower Upper
75 100
155 70.3 53.5 80.3
157 88.7 68.4 102.6

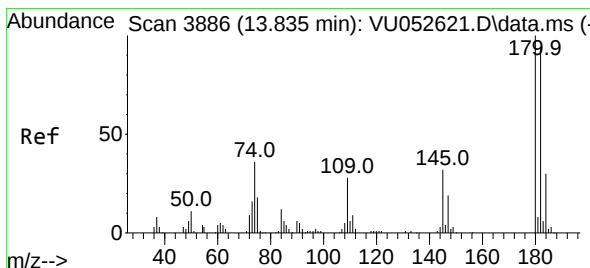
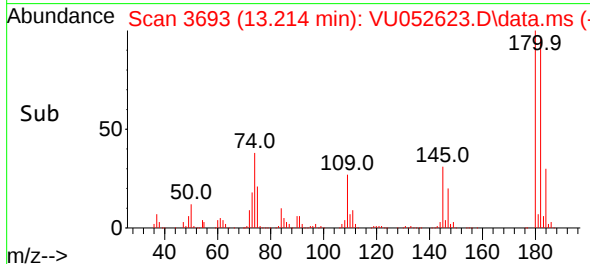
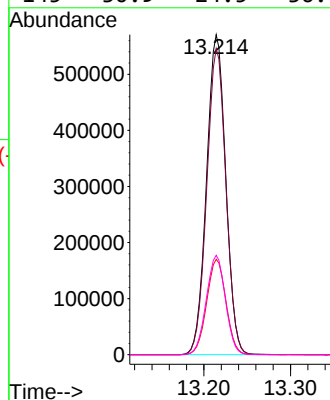
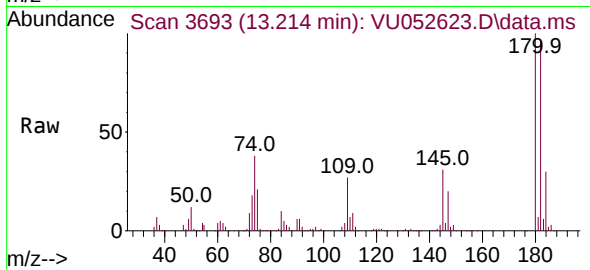




#69
 1,3,5-Trichlorobenzene
 Concen: 198.417 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.000 min
 Lab File: VU052623.D
 Acq: 06 Jan 2023 12:23

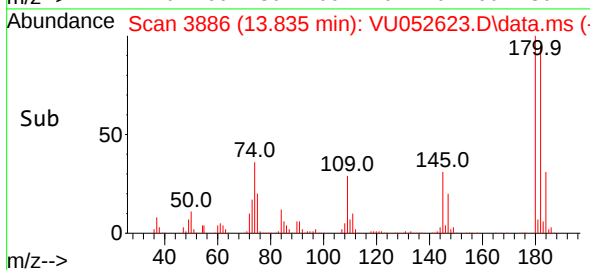
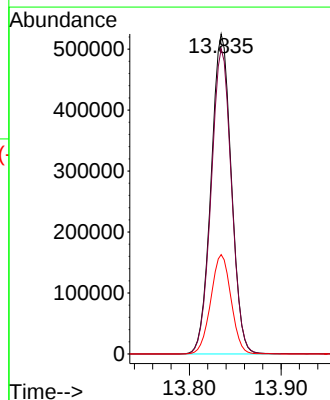
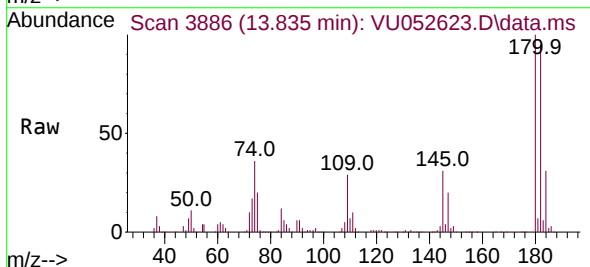
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200065

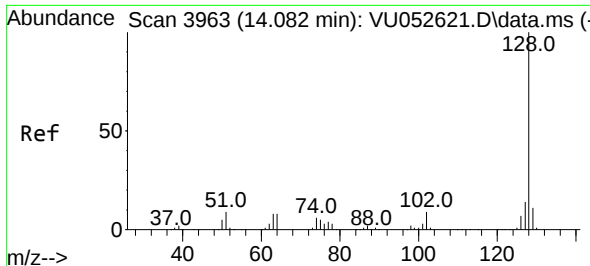
Tgt Ion:180 Resp: 880369
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.9 113.9
 184 30.0 23.8 35.8
 145 30.9 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 214.624 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU052623.D
 Acq: 06 Jan 2023 12:23

Tgt Ion:180 Resp: 804775
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.4 113.0
 145 31.1 25.0 37.6

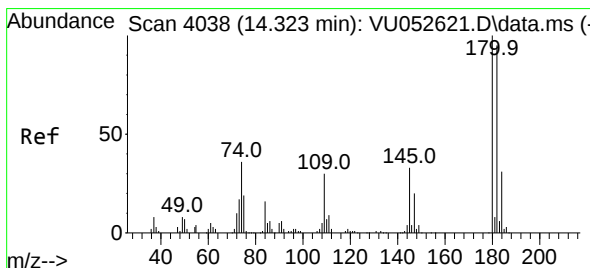
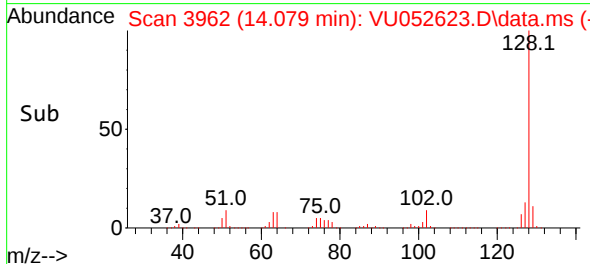
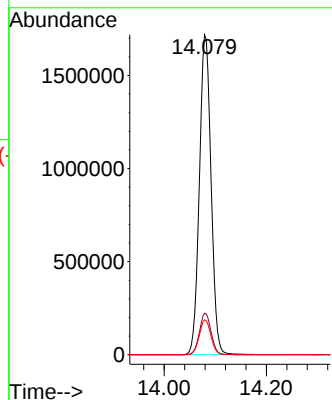
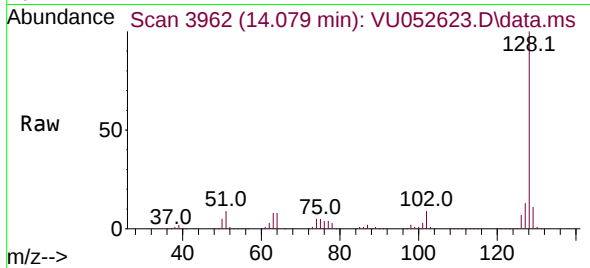




#71
Naphthalene
Concen: 227.888 ug/L
RT: 14.079 min Scan# 3962
Delta R.T. -0.003 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD200065

Tgt Ion:128 Resp: 2724903
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 209.969 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU052623.D
Acq: 06 Jan 2023 12:23

Tgt Ion:180 Resp: 798820
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 33.4 27.0 40.4

