

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042272.D
 Acq On : 05 Feb 2021 09:59
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005302

Quant Time: Feb 06 07:00:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 06:59:42 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.260	114	181081	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.427	117	165789	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	84904	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.604	65	6434	3.47 ug/L	0.00
7) Chloroethane-d5	1.919	69	4853	3.32 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	13370	4.25 ug/L	0.00
21) 2-Butanone-d5	4.649	46	12778	8.64 ug/L	0.00
24) Chloroform-d	5.073	84	12495	4.22 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	9321	4.91 ug/L	0.00
32) Benzene-d6	5.735	84	22492	4.12 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	7667	4.30 ug/L	0.00
41) Toluene-d8	7.906	98	21085	4.41 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.192	79	3482	3.93 ug/L	0.00
47) 2-Hexanone-d5	8.649	63	8028	8.37 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	10445	4.00 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.205	152	8706	4.96 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.388	85	7328	4.33 ug/L	99
3) Chloromethane	1.523	50	6671	3.52 ug/L	93
5) Vinyl chloride	1.607	62	6701	3.45 ug/L	98
6) Bromomethane	1.864	94	3885	3.32 ug/L	95
8) Chloroethane	1.941	64	3900	3.29 ug/L	100
9) Trichlorofluoromethane	2.144	101	9890	3.94 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5994	4.28 ug/L	97
12) 1,1-Dichloroethene	2.588	96	5598	4.18 ug/L	86
13) Acetone	2.649	43	13912	10.89 ug/L	95
14) Carbon disulfide	2.803	76	16774	3.93 ug/L	98
15) Methyl Acetate	2.964	43	9188	4.68 ug/L	96
16) Methylene chloride	3.054	84	6206	4.03 ug/L	98
17) trans-1,2-Dichloroethene	3.366	96	5804	4.12 ug/L	97
18) Methyl tert-butyl Ether	3.372	73	20378	4.40 ug/L	99
19) 1,1-Dichloroethane	3.877	63	11792	4.22 ug/L	99
20) cis-1,2-Dichloroethene	4.681	96	6492	4.26 ug/L	97
22) 2-Butanone	4.729	43	16657	10.06 ug/L	94
23) Bromochloromethane	4.986	128	3324	4.50 ug/L	96
25) Chloroform	5.102	83	12076	4.33 ug/L	92
27) 1,2-Dichloroethane	5.806	62	10953	4.98 ug/L	99
29) Cyclohexane	5.401	56	10785	4.55 ug/L #	92
30) 1,1,1-Trichloroethane	5.327	97	10929	4.54 ug/L	98
31) Carbon tetrachloride	5.536	117	9359	4.68 ug/L	95
33) Benzene	5.784	78	24809	4.29 ug/L	100
34) Trichloroethene	6.552	95	6530	4.47 ug/L	94
35) Methylcyclohexane	6.771	83	9720	4.53 ug/L	99
37) 1,2-Dichloropropane	6.800	63	7028	4.49 ug/L #	94
38) Bromodichloromethane	7.115	83	9292	4.72 ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	9959	4.31 ug/L	98
40) 4-Methyl-2-pentanone	7.806	43	26753	10.64 ug/L	98
42) Toluene	7.980	91	25813	4.56 ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	9807	4.44 ug/L	87
45) 1,1,2-Trichloroethane	8.411	97	6209	4.53 ug/L	97

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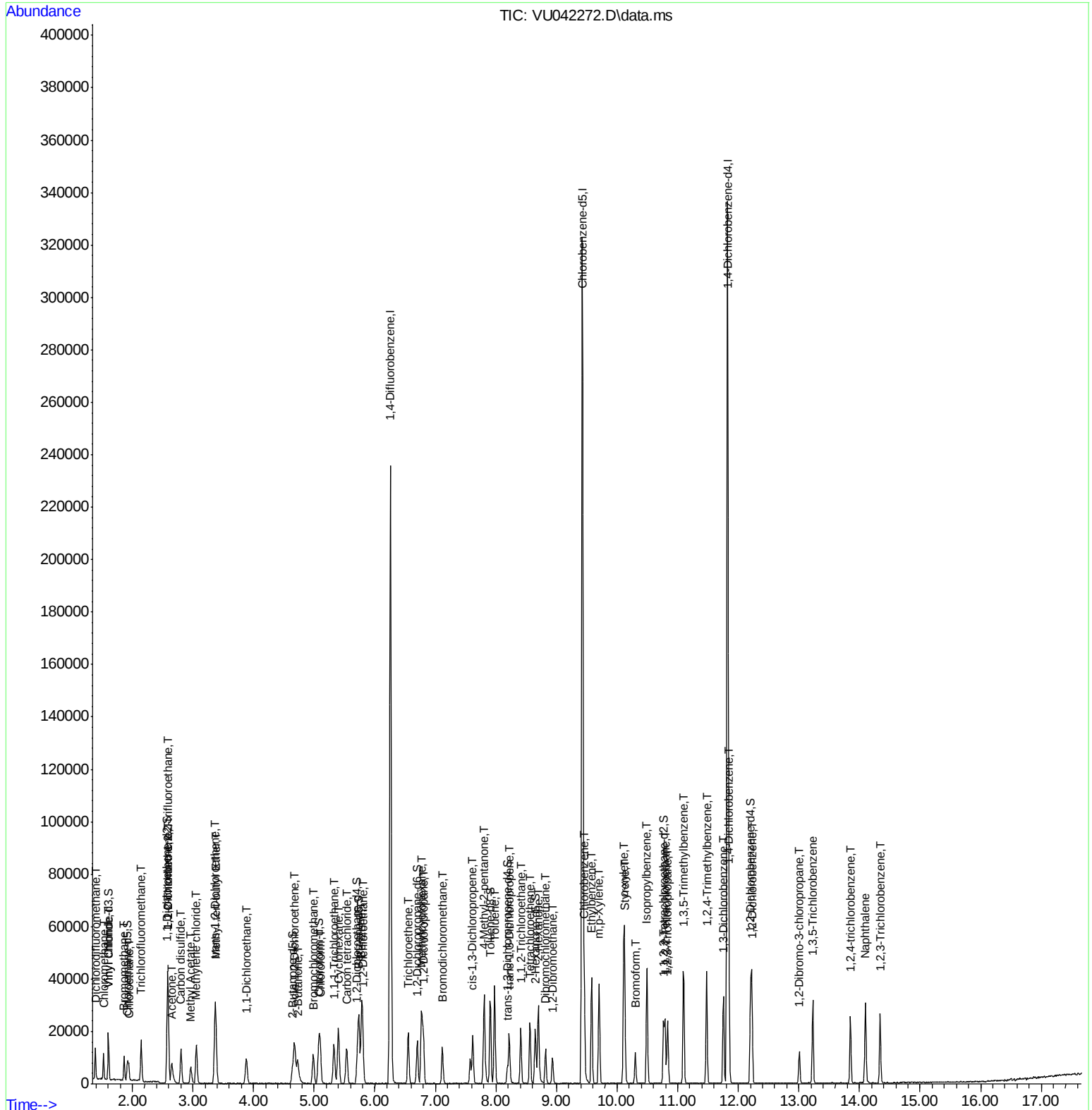
Quant Time: Feb 06 07:00:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 06:59:42 2021
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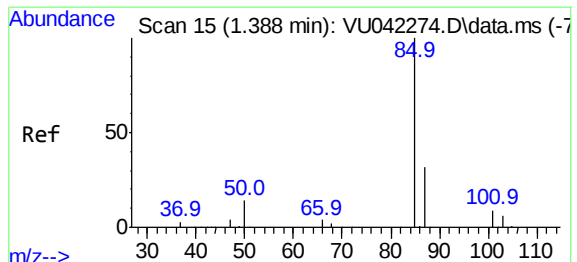
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) Tetrachloroethene	8.562	164	4773	4.97	ug/L	96
48) 2-Hexanone	8.700	43	22461	10.82	ug/L	98
49) Dibromochloromethane	8.819	129	6804	4.53	ug/L	97
50) 1,2-Dibromoethane	8.935	107	6942	4.73	ug/L	100
51) Chlorobenzene	9.456	112	16473	4.65	ug/L	99
52) Ethylbenzene	9.578	91	27899	4.54	ug/L	99
53) m,p-Xylene	9.703	106	10426	4.66	ug/L	93
54) o-xylene	10.108	106	10295	4.75	ug/L	96
55) Styrene	10.124	104	17114	4.51	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	10844	4.24	ug/L #	94
59) Bromoform	10.301	173	5447	4.88	ug/L	98
60) 1,2,3-Trichloropropane	10.832	75	9108	4.25	ug/L	96
61) Isopropylbenzene	10.491	105	27696	4.77	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	23400	4.74	ug/L	100
63) 1,2,4-Trimethylbenzene	11.478	105	23792	4.83	ug/L	97
64) 1,3-Dichlorobenzene	11.758	146	13069	4.84	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	14016	5.19	ug/L	98
67) 1,2-Dichlorobenzene	12.224	146	13700	4.97	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	2963	4.35	ug/L	98
69) 1,3,5-Trichlorobenzene	13.230	180	9688	5.17	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	8025	5.49	ug/L	99
71) Naphthalene	14.098	128	24094	4.95	ug/L	97
72) 1,2,3-Trichlorobenzene	14.343	180	8581	5.78	ug/L	96

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

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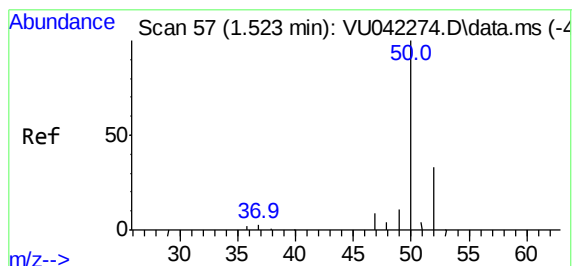
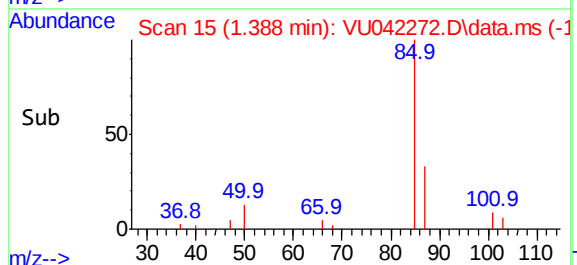
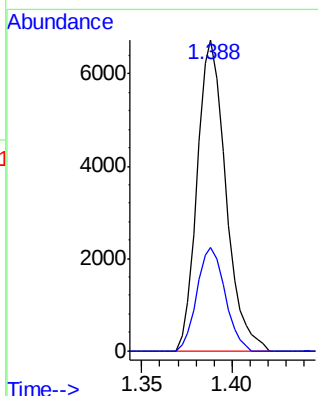
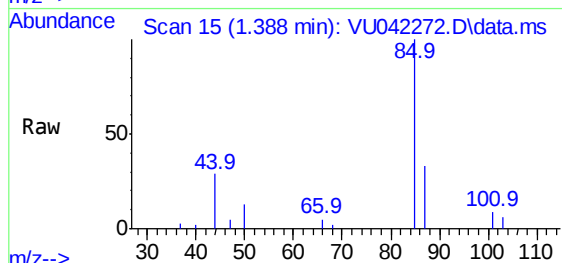




#2
Dichlorodifluoromethane
Concen: 4.33 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

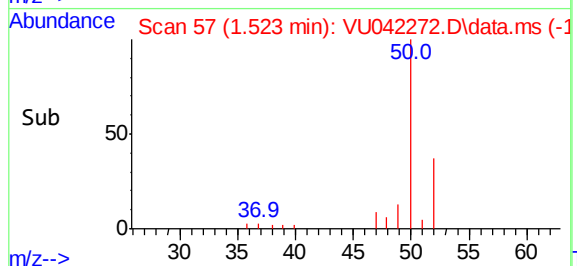
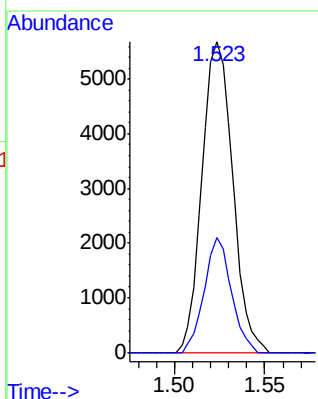
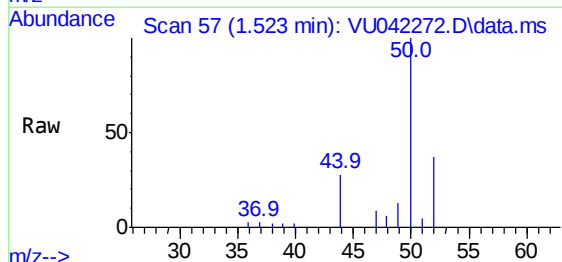
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

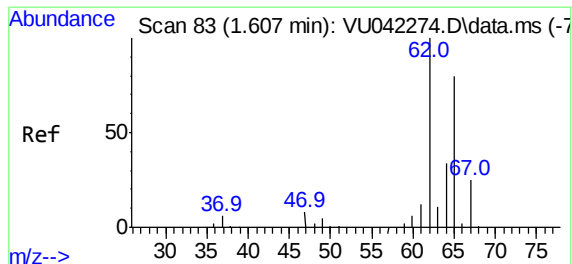
Tgt Ion: 85 Resp: 7328
Ion Ratio Lower Upper
85 100
87 32.5 25.4 38.2



#3
Chloromethane
Concen: 3.52 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 50 Resp: 6671
Ion Ratio Lower Upper
50 100
52 36.8 22.8 42.4

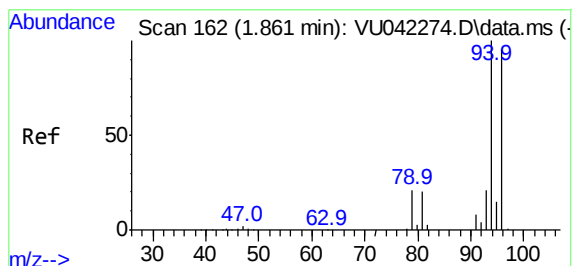
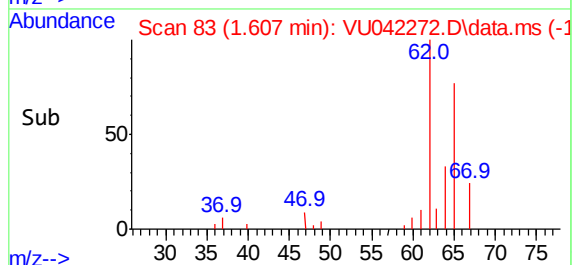
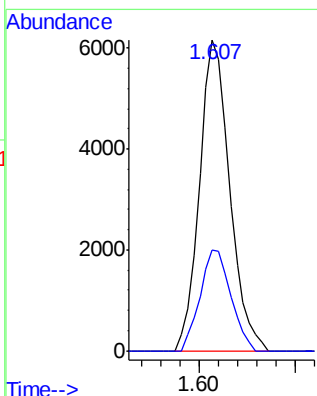
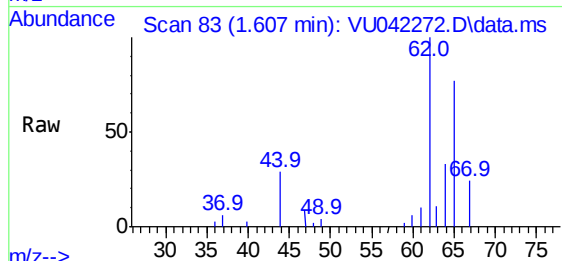




#5
 Vinyl chloride
 Concen: 3.45 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

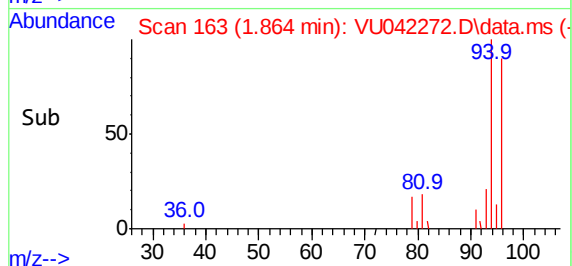
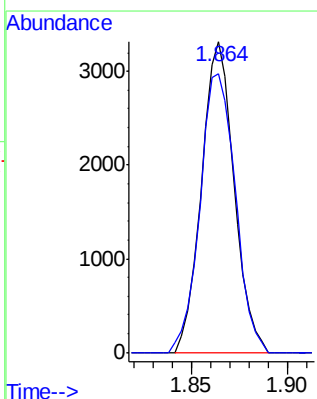
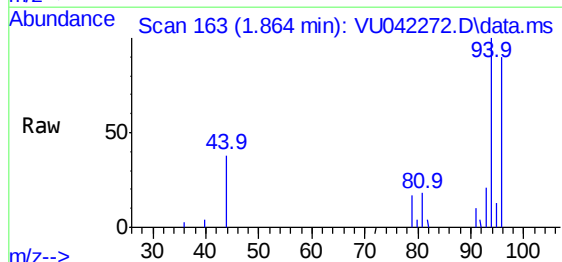
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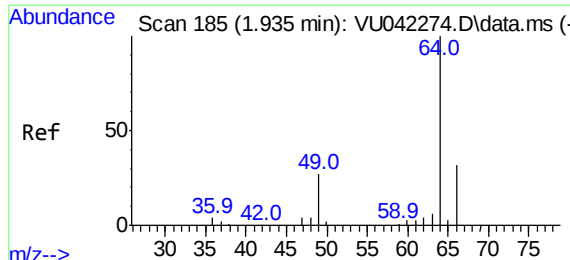
Tgt Ion: 62 Resp: 6701
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.6 43.8



#6
 Bromomethane
 Concen: 3.32 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

Tgt Ion: 94 Resp: 3885
 Ion Ratio Lower Upper
 94 100
 96 89.6 66.3 123.1

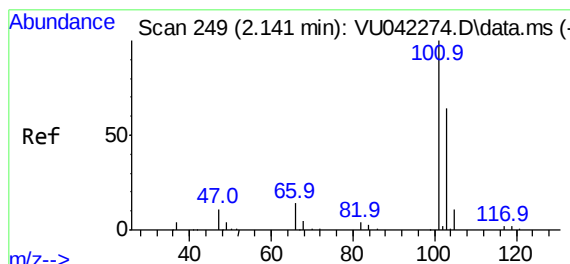
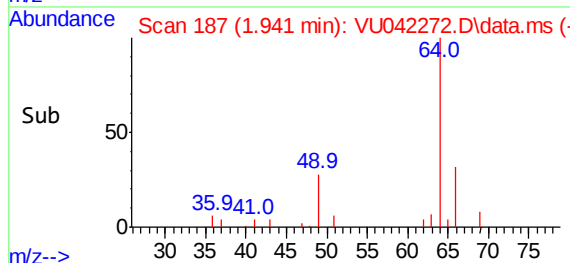
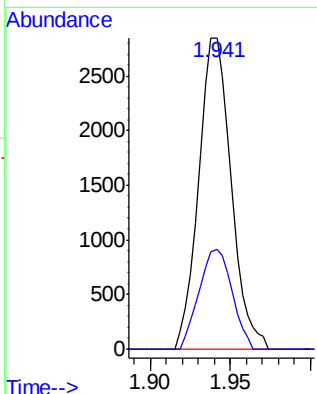
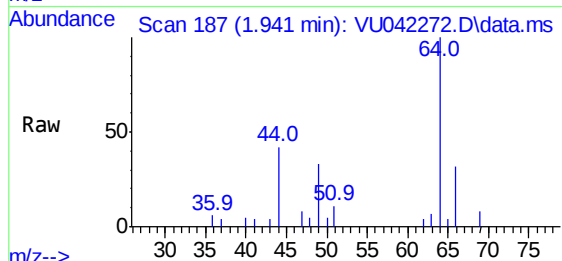




#8
Chloroethane
Concen: 3.29 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.007 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

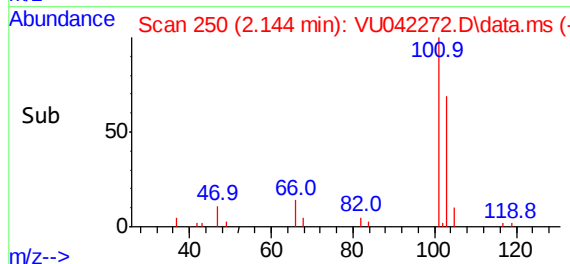
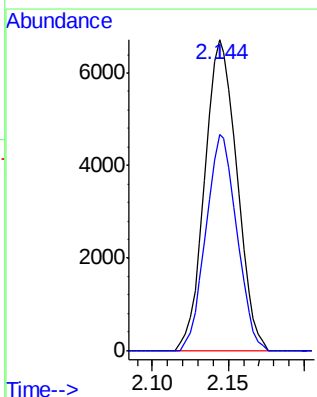
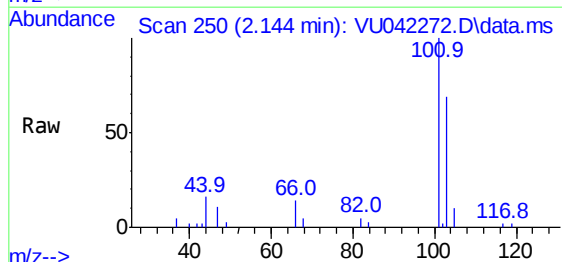
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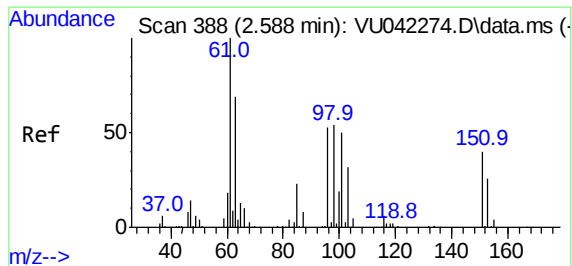
Tgt Ion: 64 Resp: 3900
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 3.94 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion:101 Resp: 9890
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.0



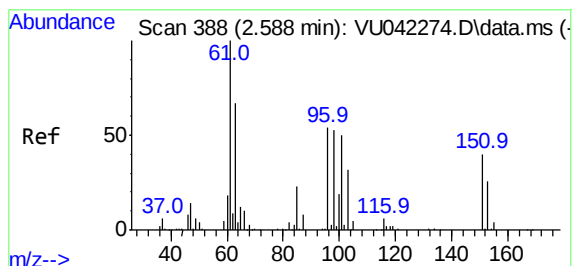
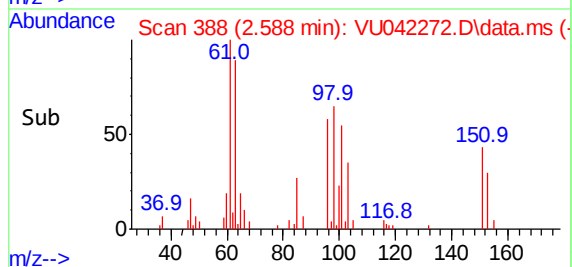
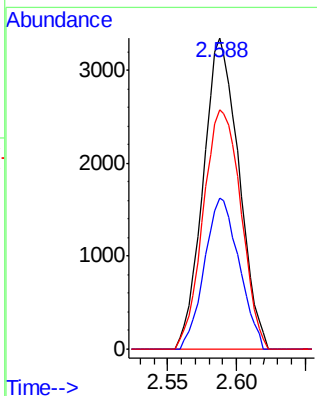
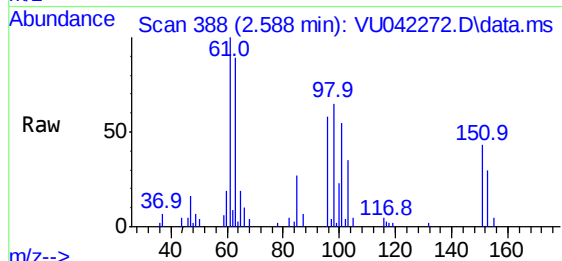


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.28 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005302

Tgt Ion:101 Resp: 5994

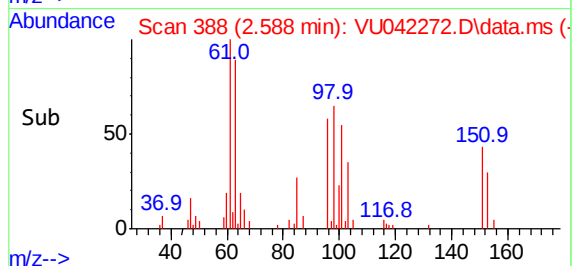
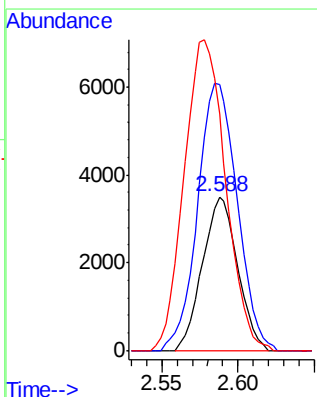
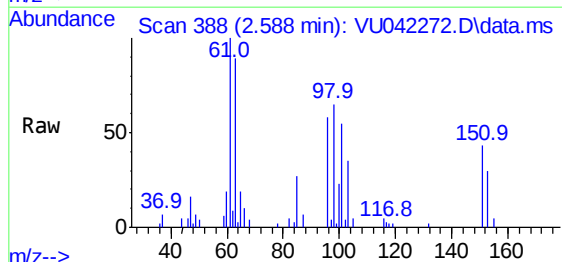
Ion	Ratio	Lower	Upper
101	100		
85	47.2	36.7	55.1
151	81.4	62.9	94.3

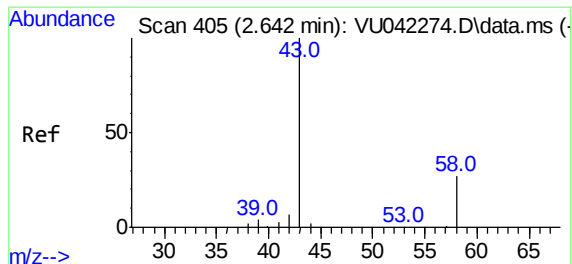


#12
 1,1-Dichloroethene
 Concen: 4.18 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

Tgt Ion: 96 Resp: 5598

Ion	Ratio	Lower	Upper
96	100		
61	172.7	131.6	244.4
63	153.4	92.6	172.0

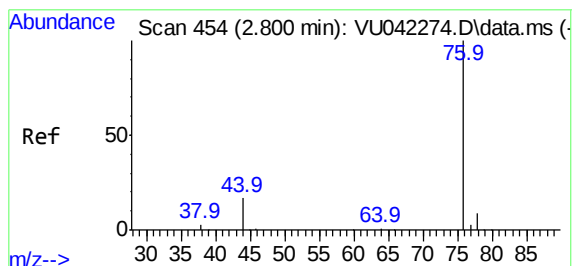
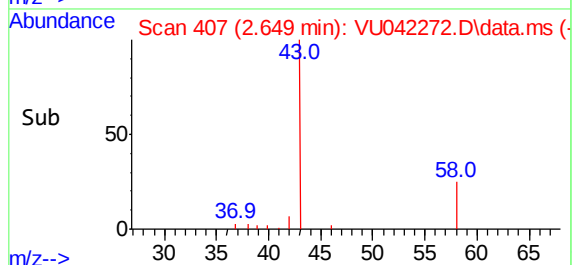
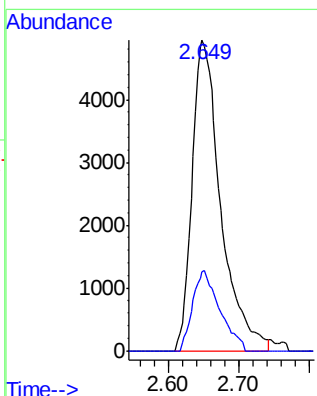
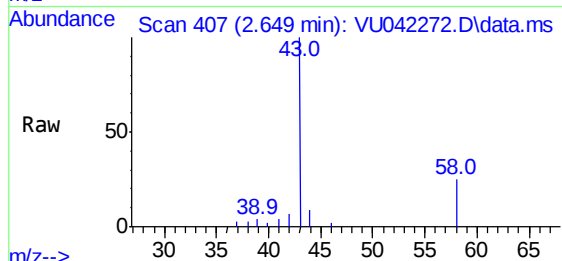




#13
Acetone
Concen: 10.89 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.007 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

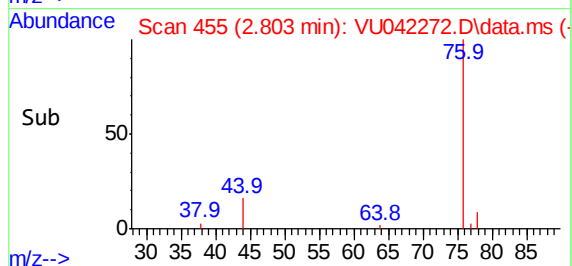
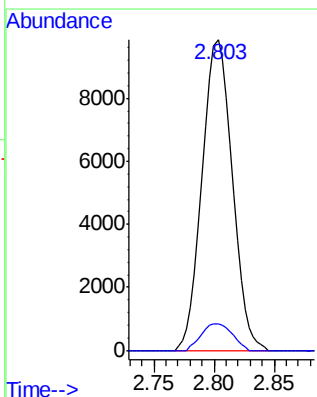
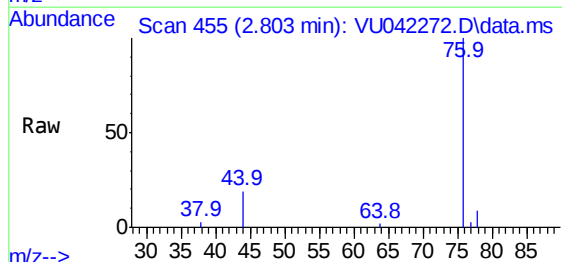
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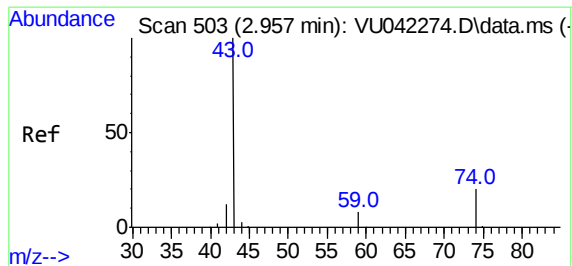
Tgt Ion: 43 Resp: 13912
Ion Ratio Lower Upper
43 100
58 24.4 0.0 54.0



#14
Carbon disulfide
Concen: 3.93 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 76 Resp: 16774
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

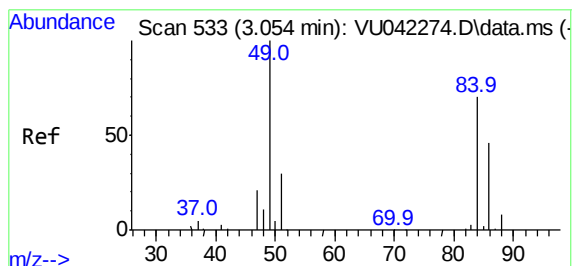
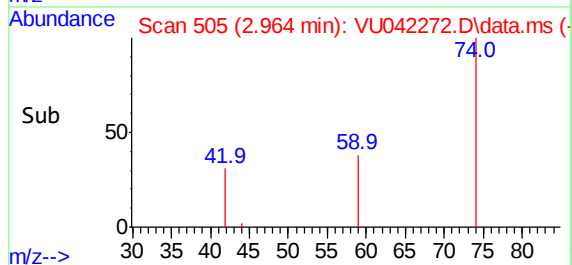
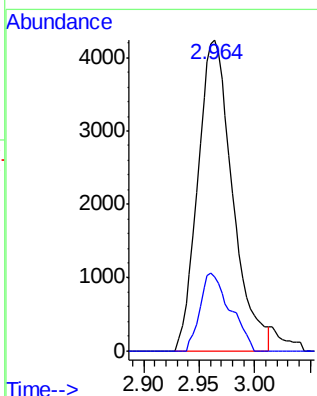
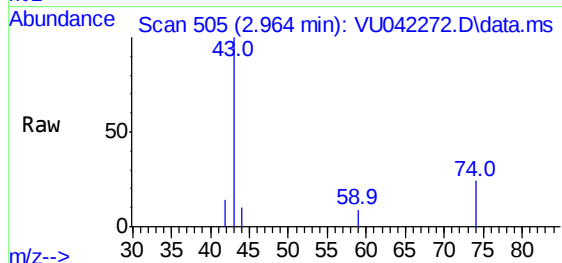




#15
Methyl Acetate
Concen: 4.68 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.007 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

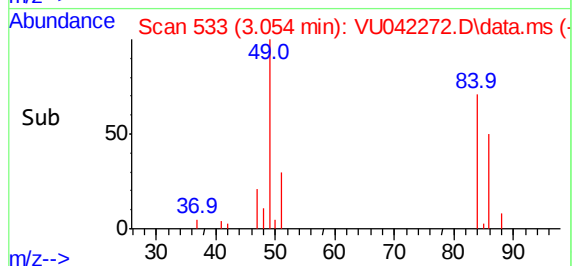
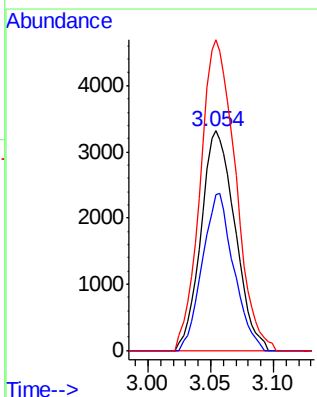
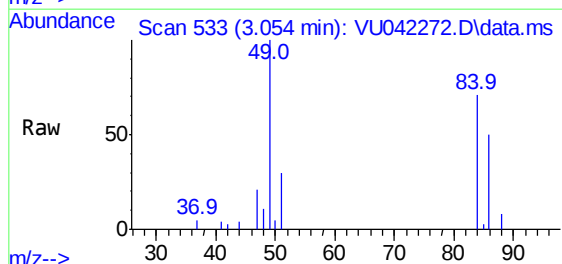
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

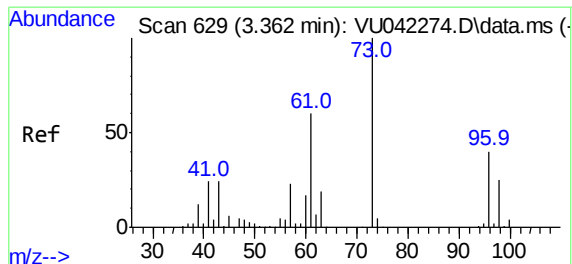
Tgt Ion: 43 Resp: 9188
Ion Ratio Lower Upper
43 100
74 21.7 15.8 23.6



#16
Methylene chloride
Concen: 4.03 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 84 Resp: 6206
Ion Ratio Lower Upper
84 100
86 70.8 46.0 85.4
49 141.5 99.5 184.9

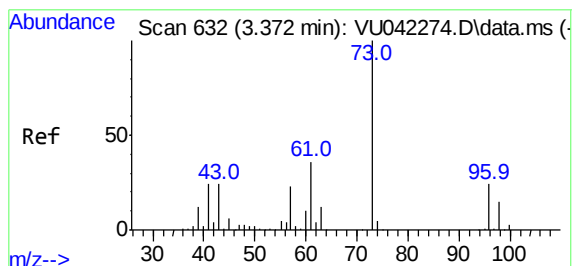
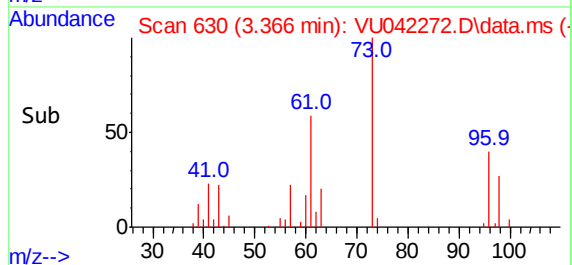
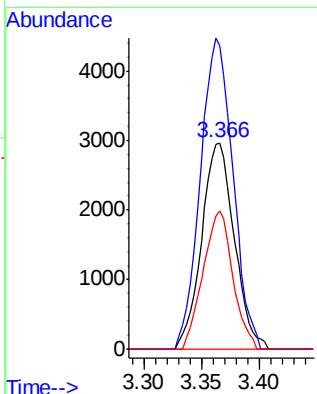
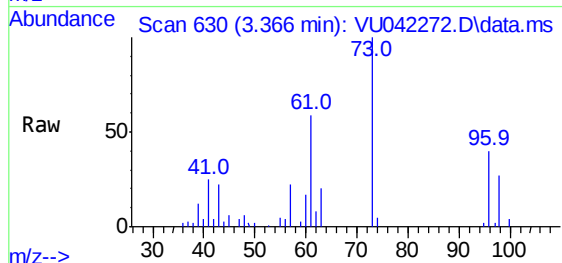




#17
trans-1,2-Dichloroethene
Concen: 4.12 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

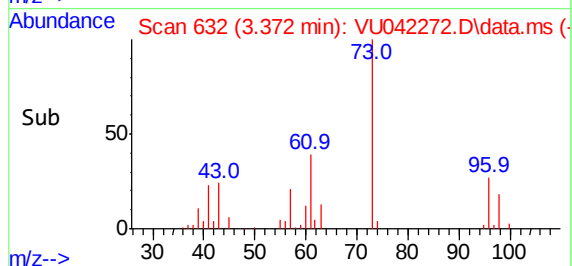
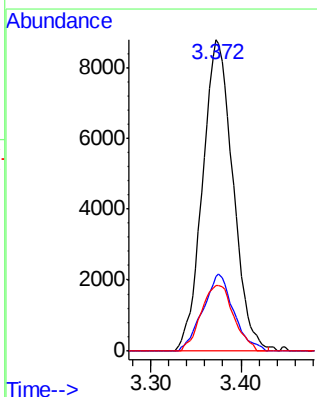
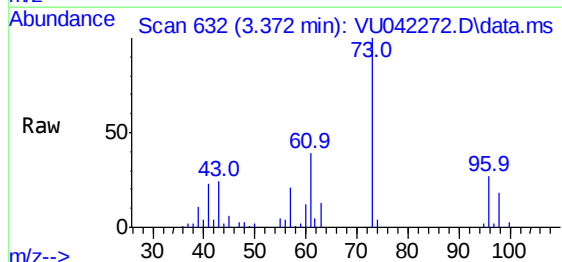
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

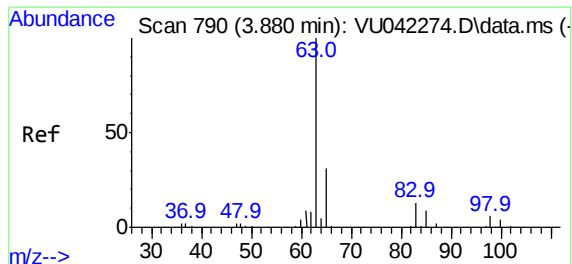
Tgt Ion: 96 Resp: 5804
Ion Ratio Lower Upper
96 100
61 146.9 104.6 194.2
98 67.0 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 4.40 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 73 Resp: 20378
Ion Ratio Lower Upper
73 100
43 24.8 19.4 29.0
57 22.4 18.2 27.2



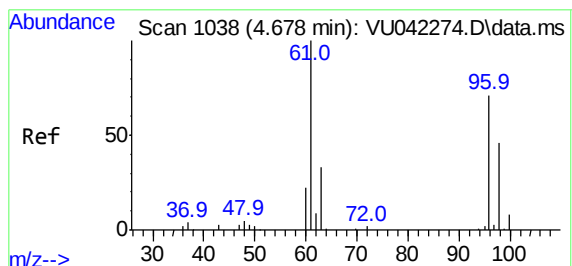
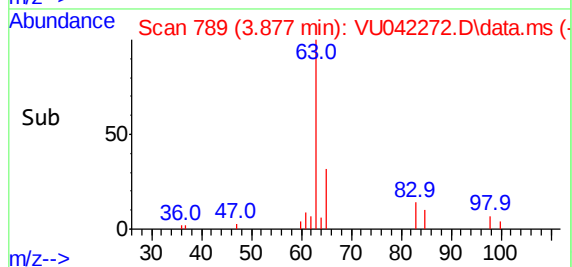
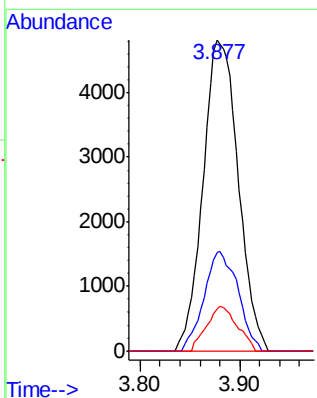
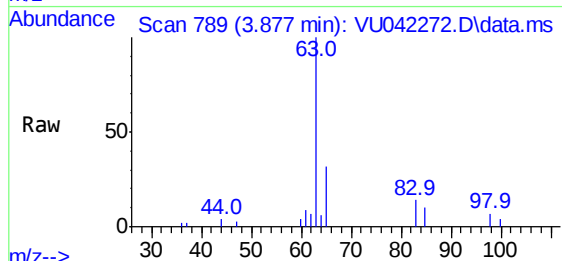


#19
1,1-Dichloroethane
Concen: 4.22 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion: 63 Resp: 11792

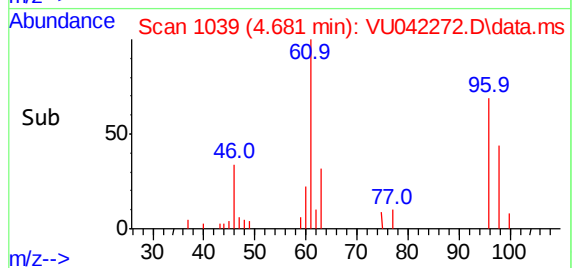
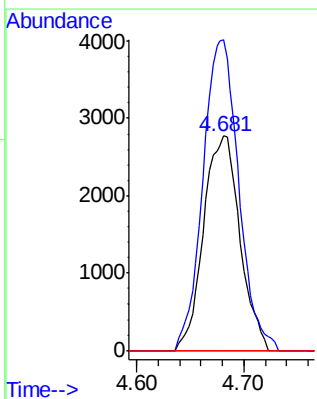
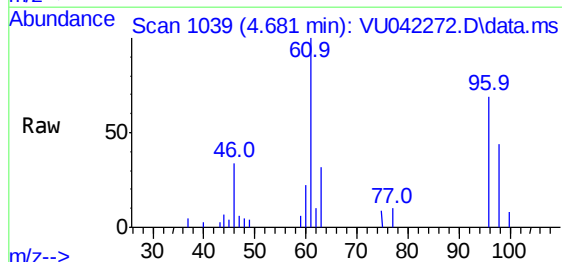
Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.8	40.4
83	13.6	9.1	16.9

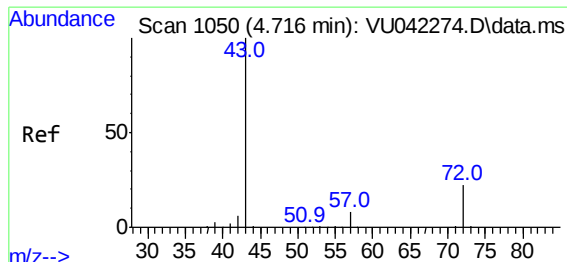


#20
cis-1,2-Dichloroethene
Concen: 4.26 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 96 Resp: 6492

Ion	Ratio	Lower	Upper
96	100		
61	145.0	98.6	183.0
68	0.0	0.0	0.0

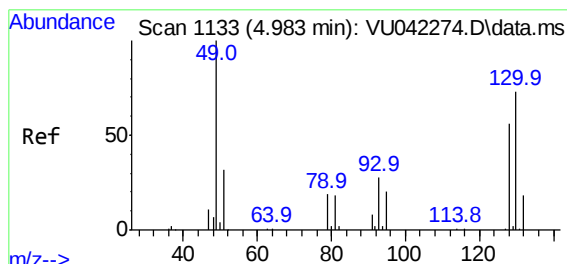
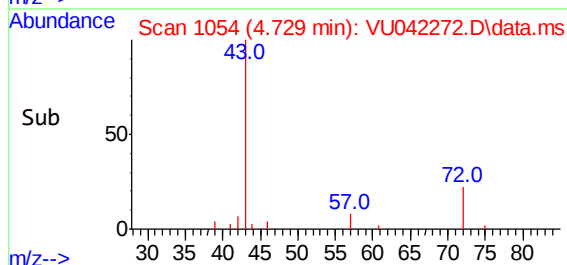
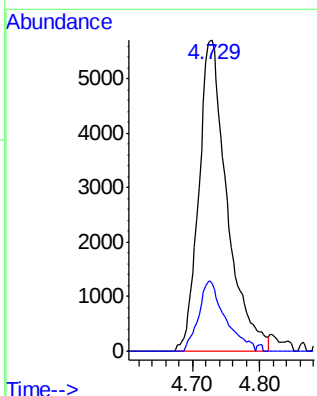
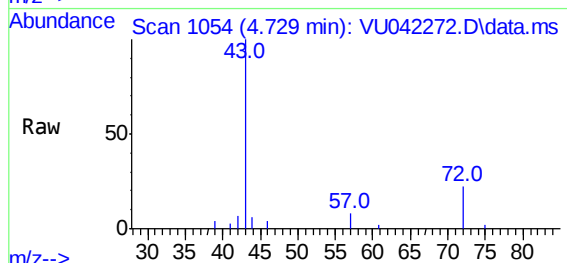




#22
2-Butanone
Concen: 10.06 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

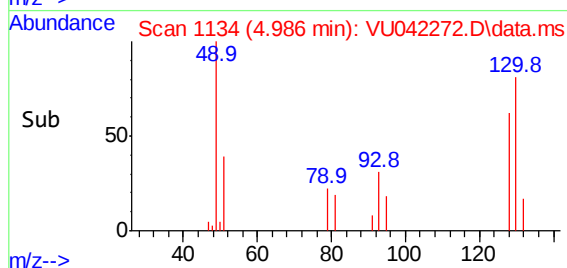
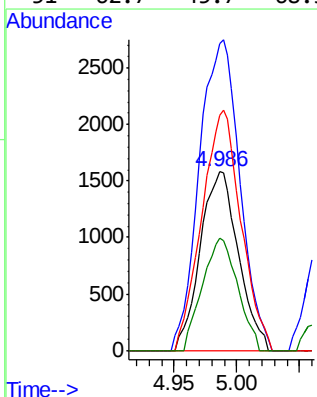
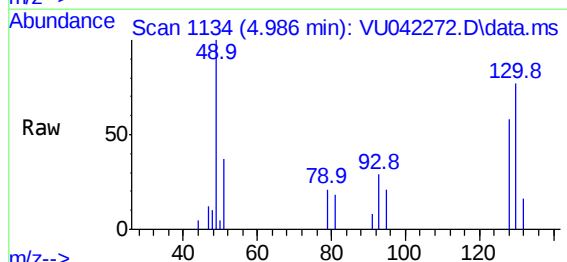
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

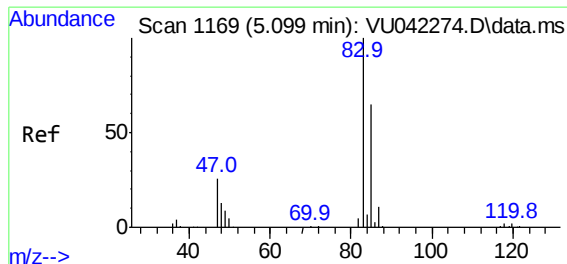
Tgt Ion: 43 Resp: 16657
Ion Ratio Lower Upper
43 100
72 20.5 11.7 35.1



#23
Bromochloromethane
Concen: 4.50 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 128 Resp: 3324
Ion Ratio Lower Upper
128 100
49 171.9 125.9 233.9
130 131.6 91.7 170.3
51 62.7 45.7 68.5

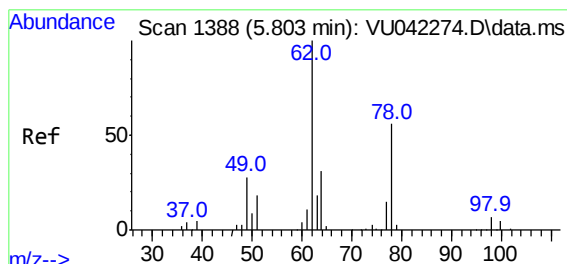
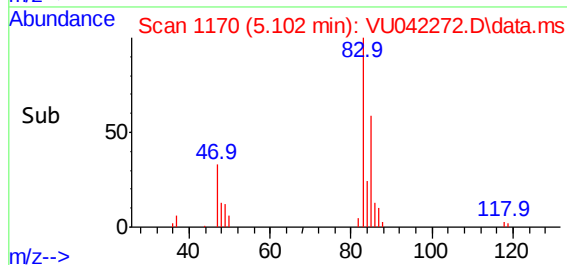
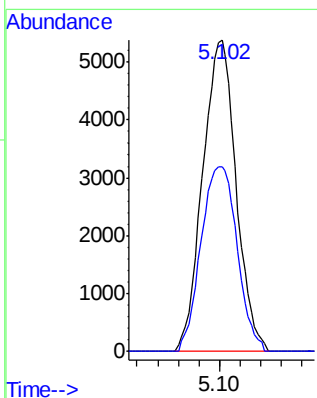
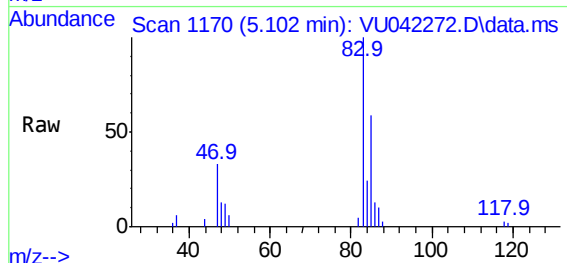




#25
Chloroform
Concen: 4.33 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

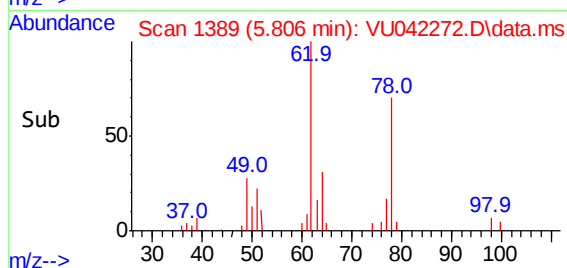
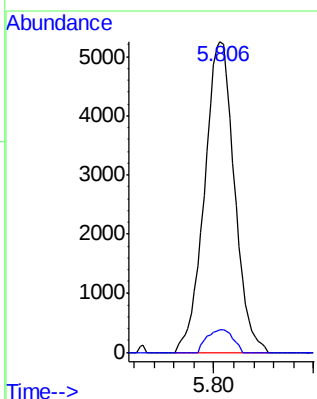
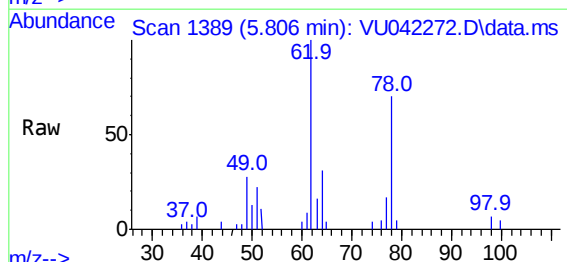
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

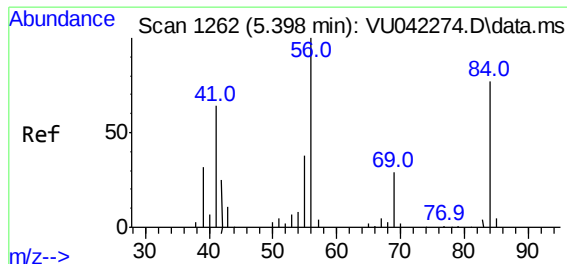
Tgt Ion: 83 Resp: 12076
Ion Ratio Lower Upper
83 100
85 59.3 46.1 85.5



#27
1,2-Dichloroethane
Concen: 4.98 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 62 Resp: 10953
Ion Ratio Lower Upper
62 100
98 7.5 5.8 8.8

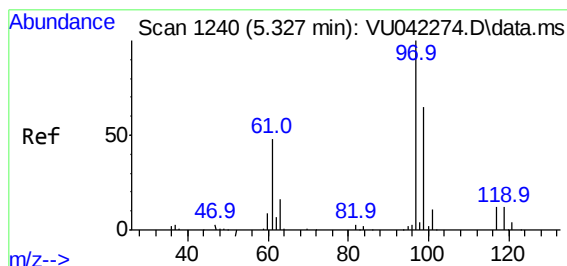
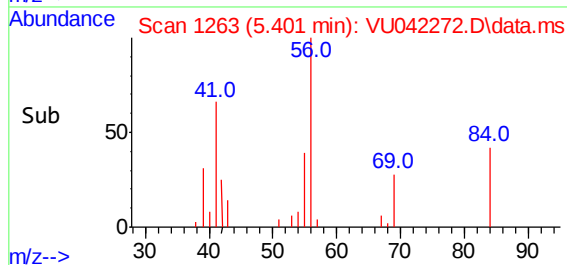
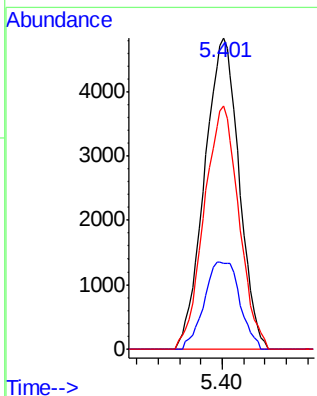
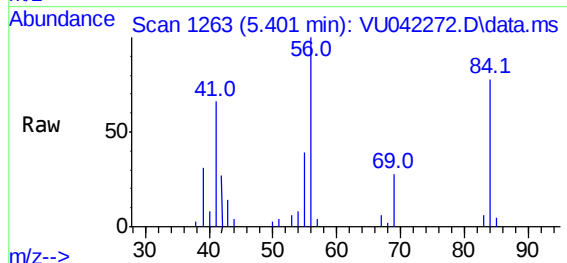




#29
Cyclohexane
Concen: 4.55 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

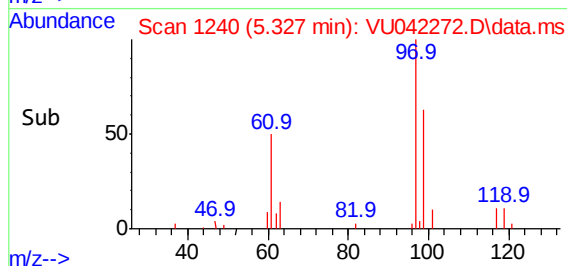
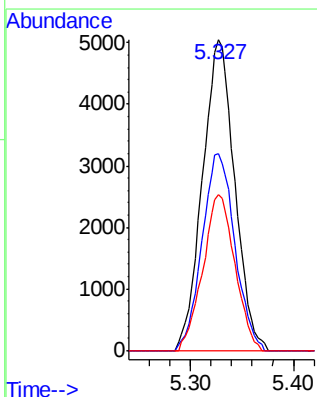
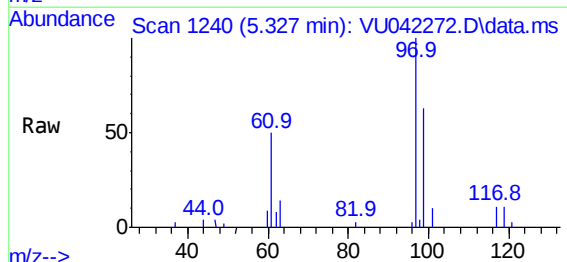
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

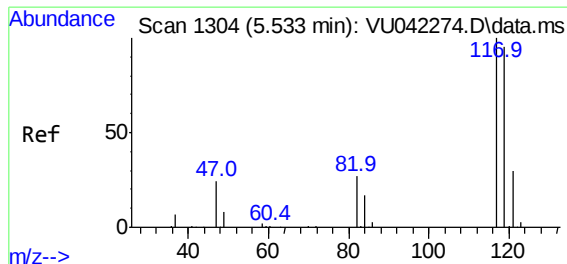
Tgt Ion: 56 Resp: 10785
Ion Ratio Lower Upper
56 100
69 16.3 23.5 35.3#
84 78.6 64.2 96.2



#30
1,1,1-Trichloroethane
Concen: 4.54 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 97 Resp: 10929
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 49.8 37.7 56.5

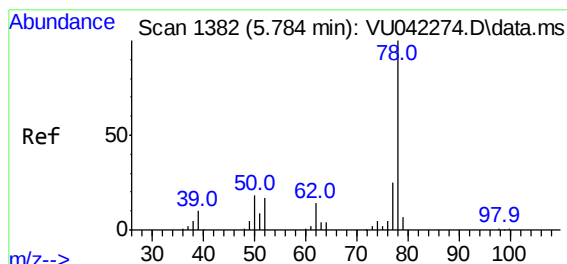
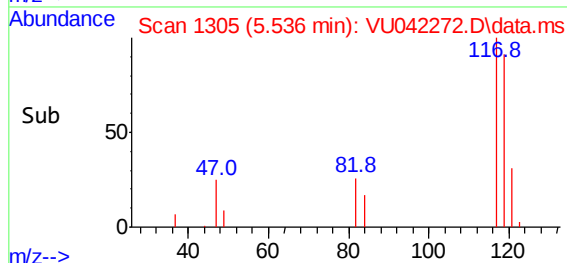
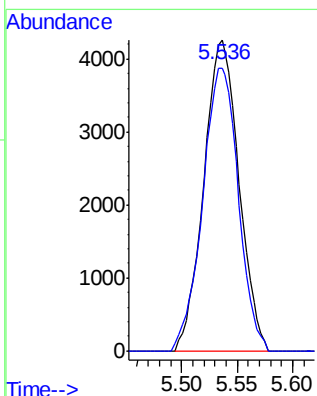
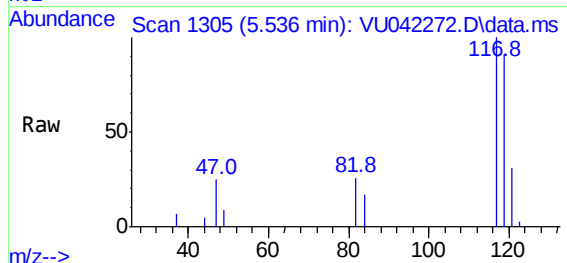




#31
Carbon tetrachloride
Concen: 4.68 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

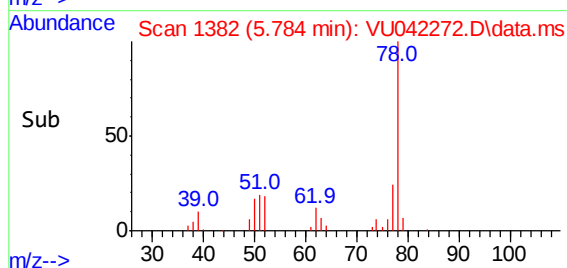
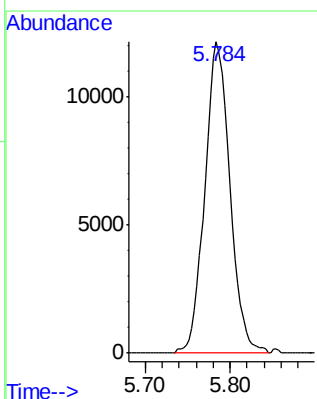
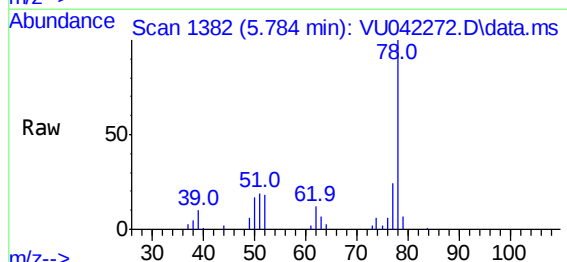
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

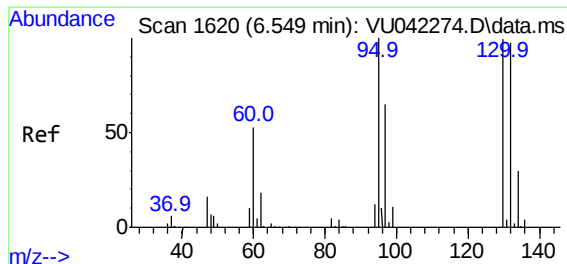
Tgt Ion:117 Resp: 9359
Ion Ratio Lower Upper
117 100
119 92.4 77.5 116.3



#33
Benzene
Concen: 4.29 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 78 Resp: 24809



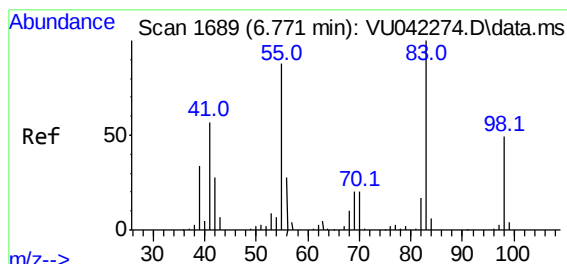
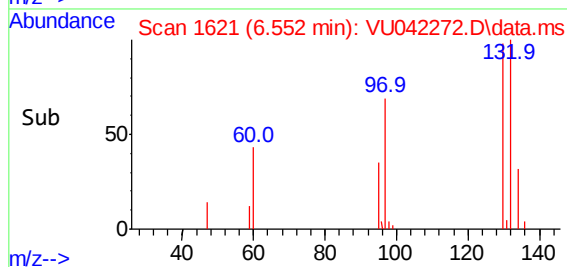
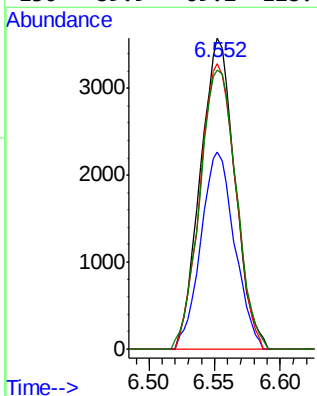
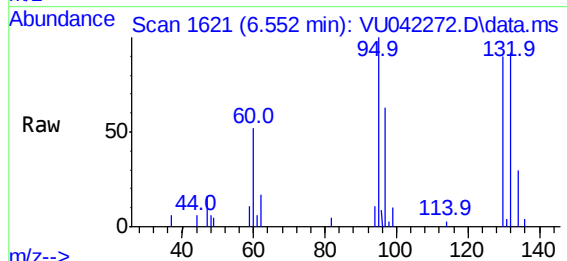


#34
Trichloroethene
Concen: 4.47 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion: 95 Resp: 6530

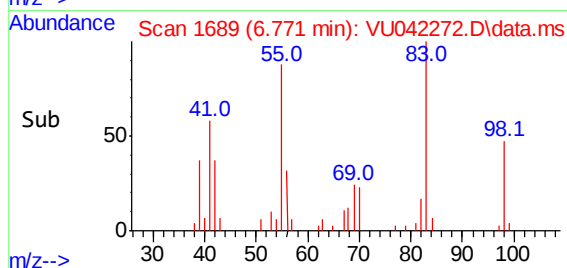
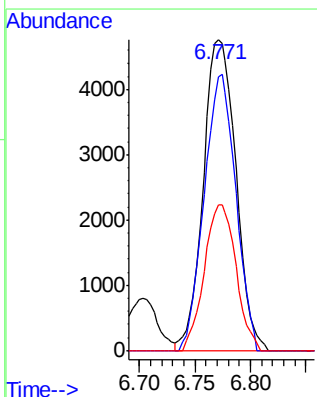
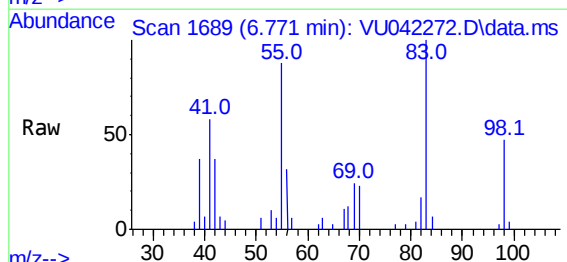
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.3	84.1
132	91.8	67.5	125.4
130	89.9	69.2	128.4

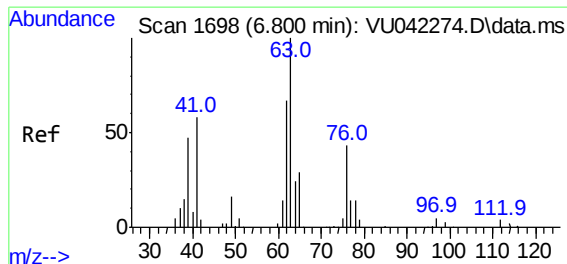


#35
Methylcyclohexane
Concen: 4.53 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 83 Resp: 9720

Ion	Ratio	Lower	Upper
83	100		
55	86.2	68.6	102.8
98	45.5	37.6	56.4

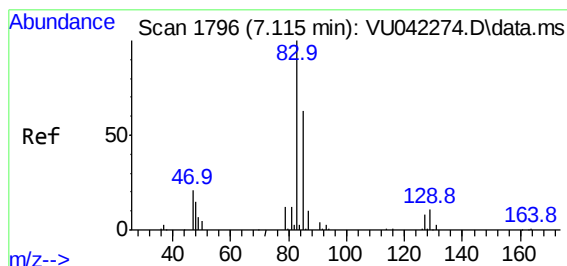
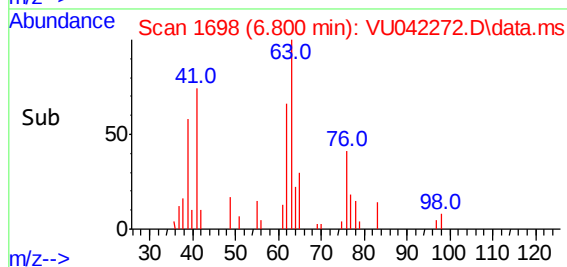
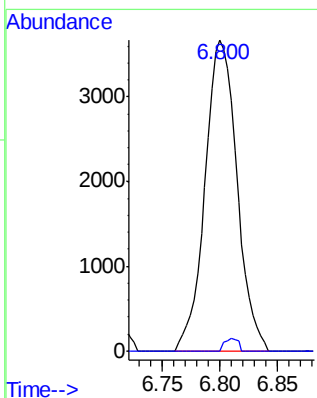
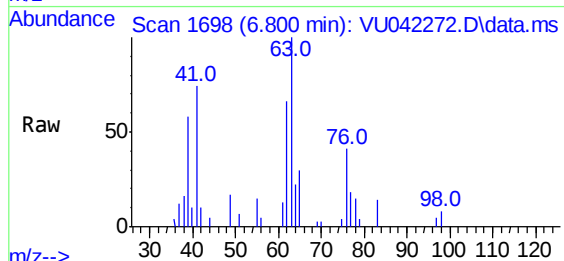




#37
1,2-Dichloropropane
Concen: 4.49 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

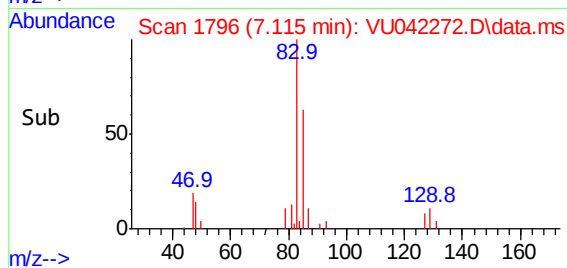
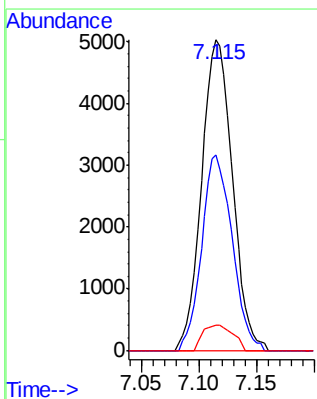
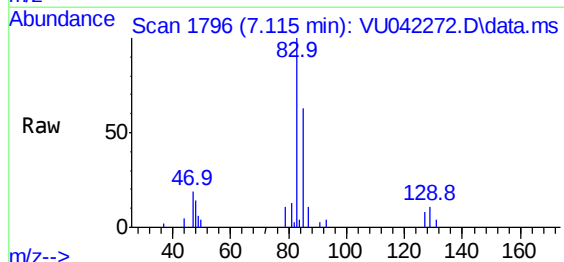
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

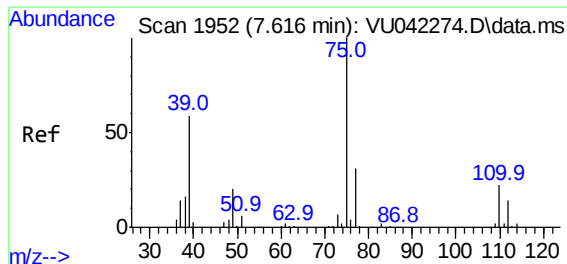
Tgt Ion: 63 Resp: 7028
Ion Ratio Lower Upper
63 100
112 1.7 3.0 4.4#



#38
Bromodichloromethane
Concen: 4.72 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 83 Resp: 9292
Ion Ratio Lower Upper
83 100
85 62.8 43.8 81.4
127 8.2 6.8 10.2

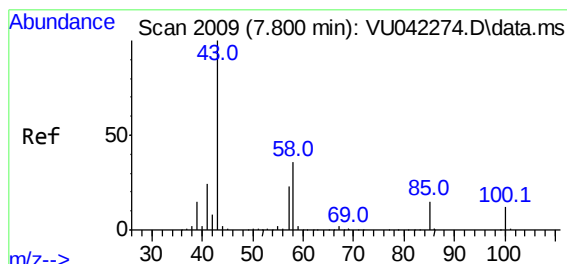
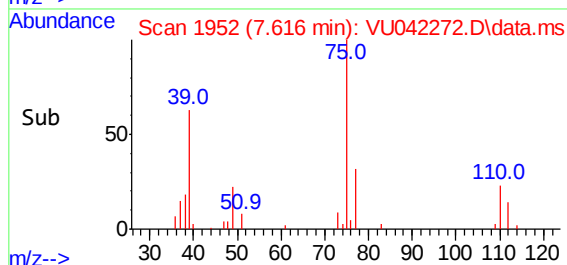
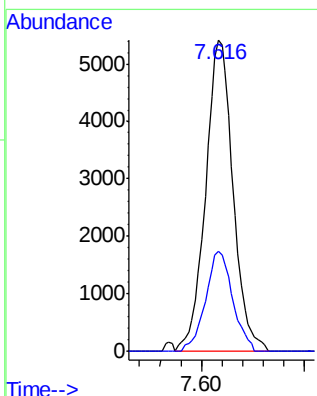
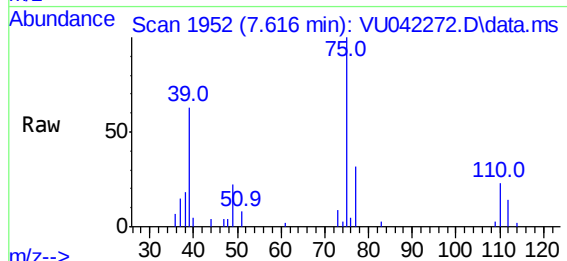




#39
 cis-1,3-Dichloropropene
 Concen: 4.31 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

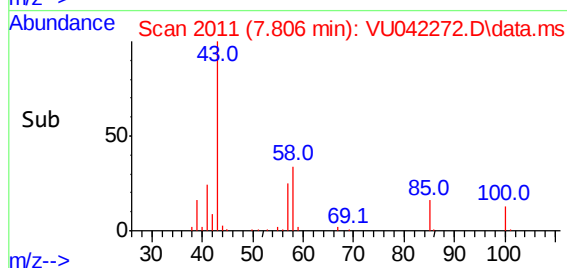
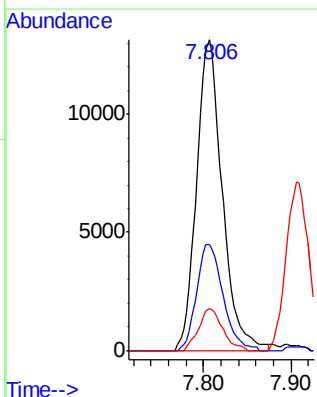
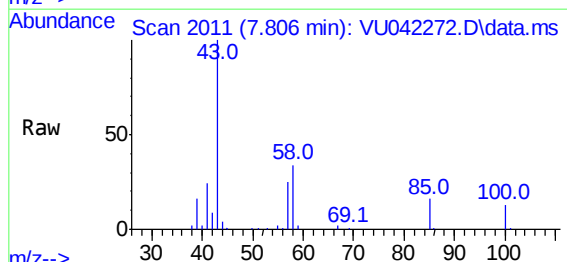
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005302

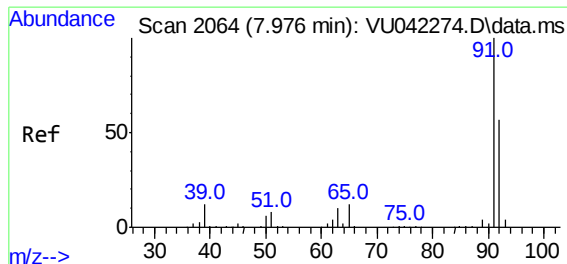
Tgt Ion: 75 Resp: 9959
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 10.64 ug/L
 RT: 7.806 min Scan# 2011
 Delta R.T. 0.007 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

Tgt Ion: 43 Resp: 26753
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.7 43.1
 100 12.6 9.7 14.5

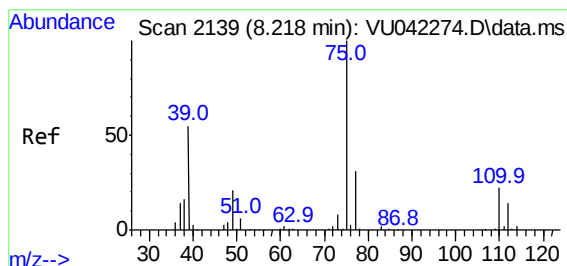
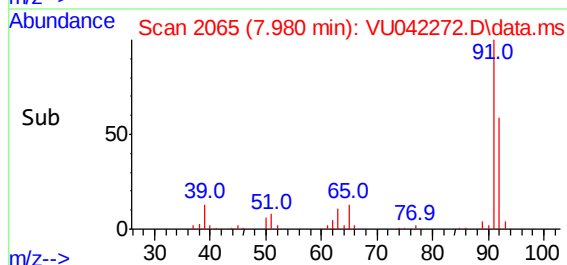
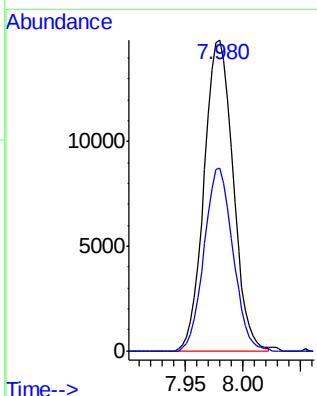
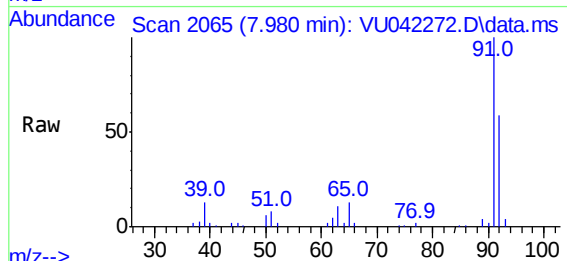




#42
Toluene
Concen: 4.56 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

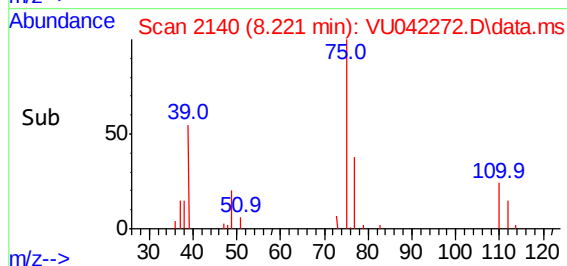
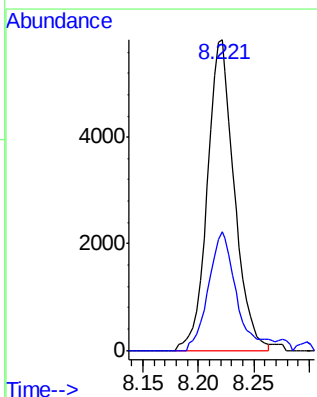
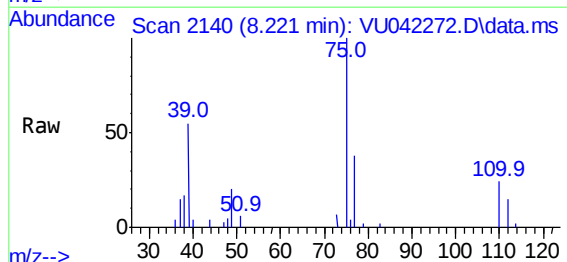
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

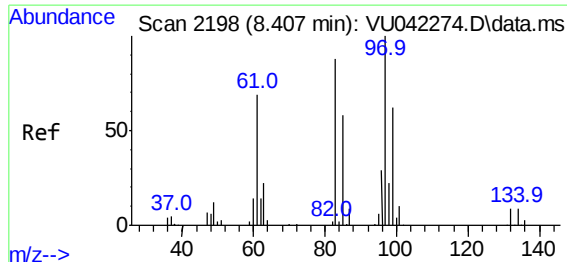
Tgt Ion: 91 Resp: 25813
Ion Ratio Lower Upper
91 100
92 58.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 4.44 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 75 Resp: 9807
Ion Ratio Lower Upper
75 100
77 38.1 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 4.53 ug/L

RT: 8.411 min Scan# 2199

Delta R.T. 0.003 min

Lab File: VU042272.D

Acq: 05 Feb 2021 09:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD005302

Tgt Ion: 97 Resp: 6209

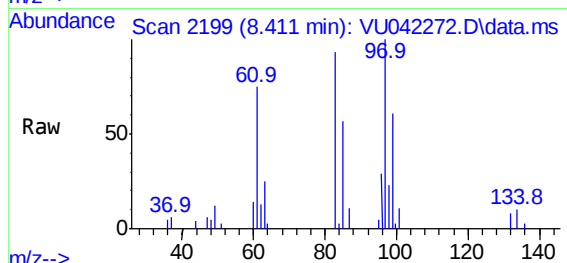
Ion Ratio Lower Upper

97 100

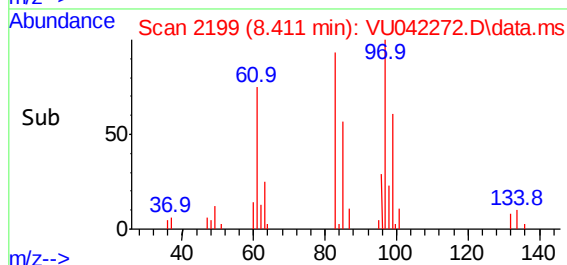
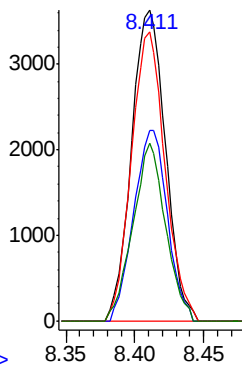
99 61.2 43.7 81.1

83 92.9 61.7 114.7

85 57.3 40.8 75.8



Abundance



#46

Tetrachloroethene

Concen: 4.97 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU042272.D

Acq: 05 Feb 2021 09:59

Tgt Ion:164 Resp: 4773

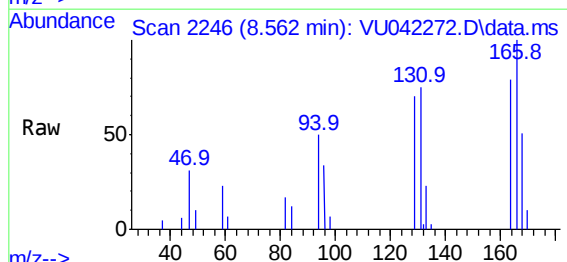
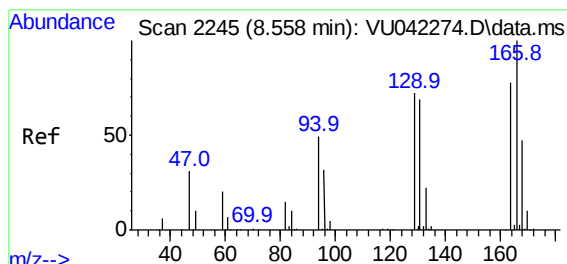
Ion Ratio Lower Upper

164 100

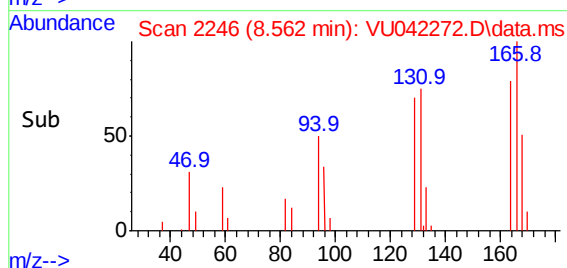
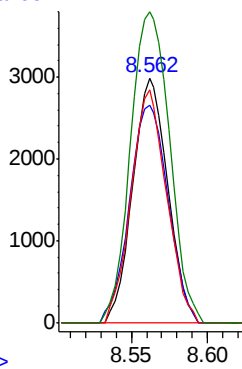
129 89.0 65.2 121.2

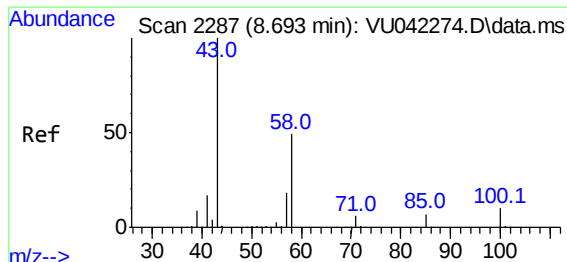
131 95.3 62.4 115.8

166 127.2 90.2 167.6



Abundance

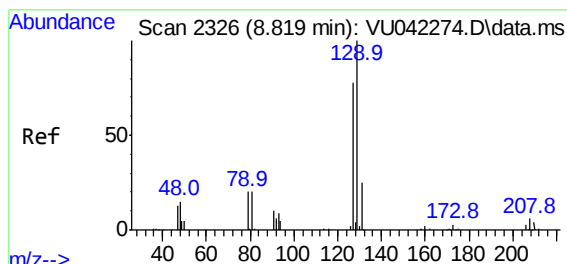
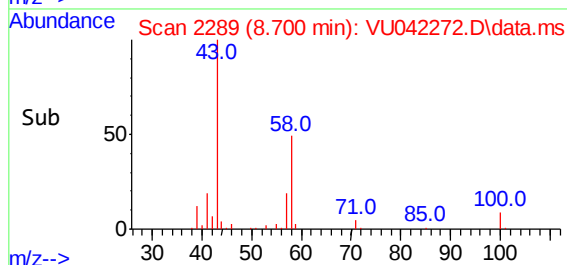
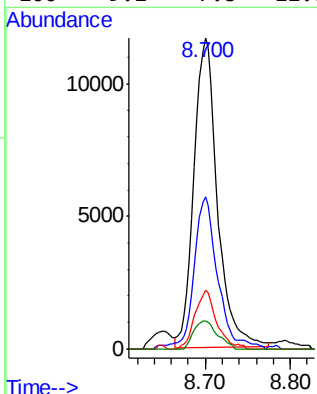
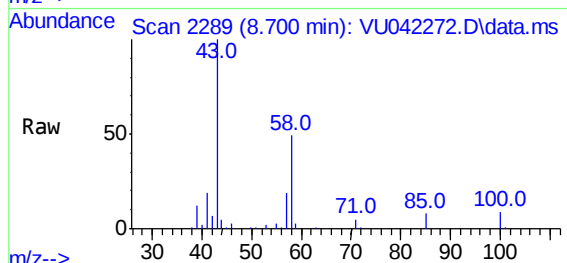




#48
2-Hexanone
Concen: 10.82 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.007 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

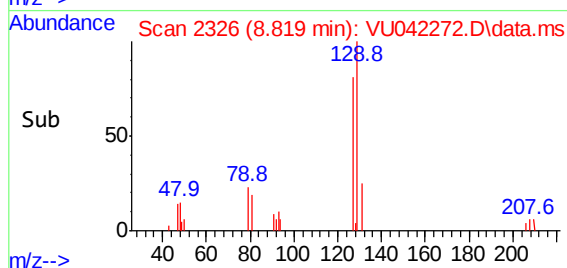
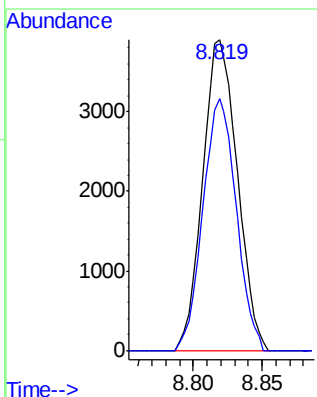
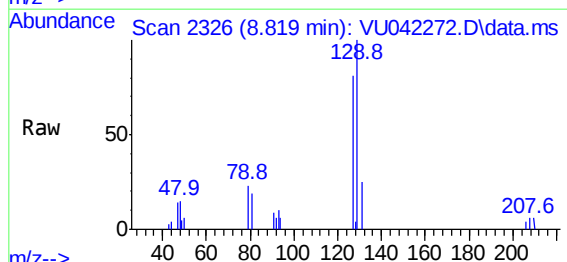
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

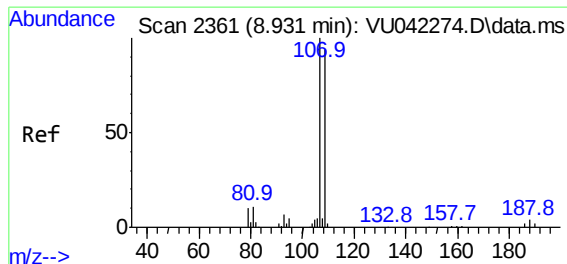
Tgt Ion: 43 Resp: 22461
Ion Ratio Lower Upper
43 100
58 47.5 39.2 58.8
57 17.1 14.4 21.6
100 9.1 7.8 11.6



#49
Dibromochloromethane
Concen: 4.53 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 129 Resp: 6804
Ion Ratio Lower Upper
129 100
127 80.9 54.7 101.7

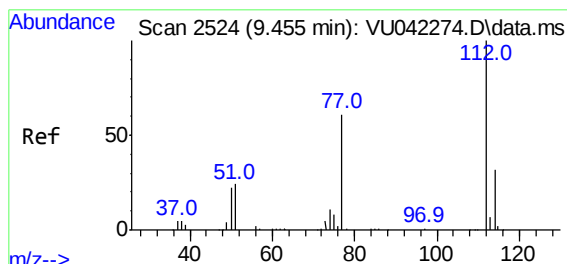
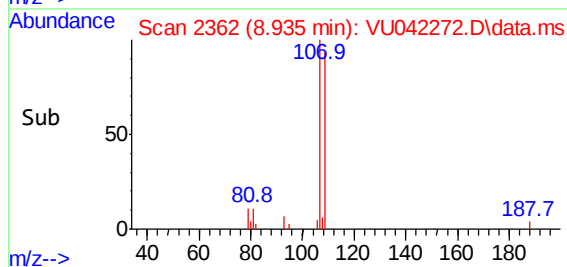
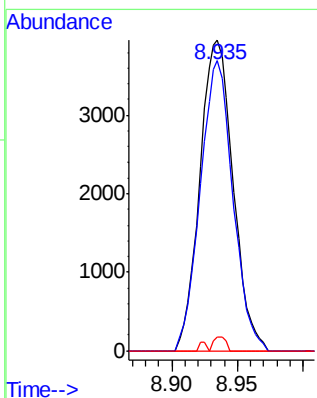
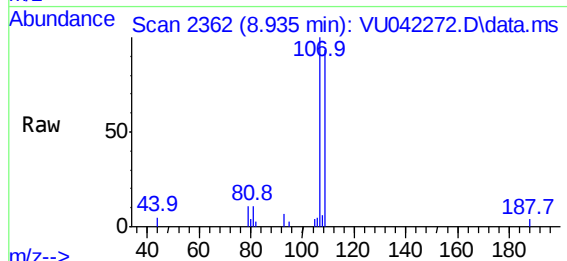




#50
1,2-Dibromoethane
Concen: 4.73 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

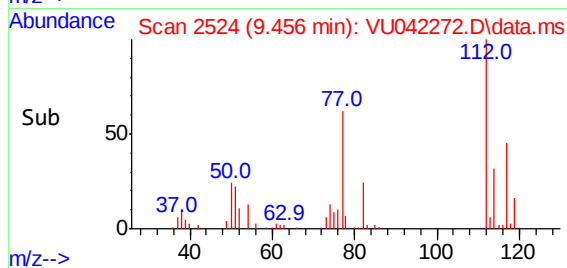
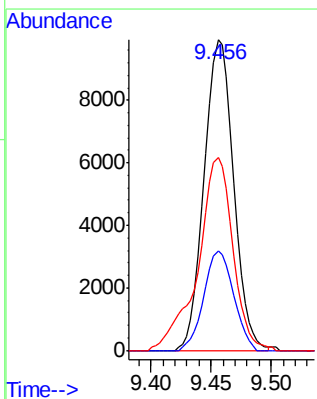
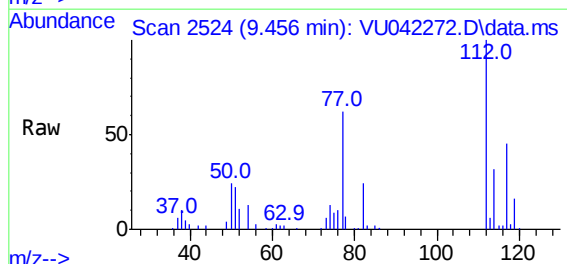
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

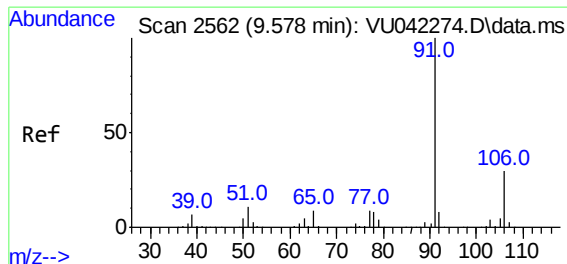
Tgt Ion:107 Resp: 6942
Ion Ratio Lower Upper
107 100
109 93.3 65.7 121.9
188 4.2 3.4 5.0



#51
Chlorobenzene
Concen: 4.65 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion:112 Resp: 16473
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.1
77 62.1 49.4 74.2

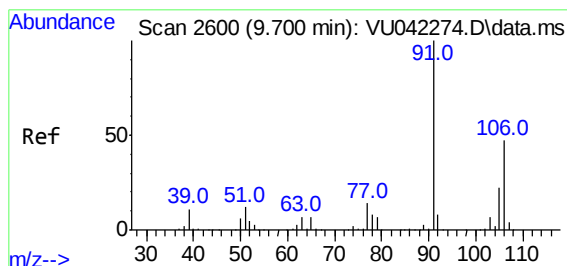
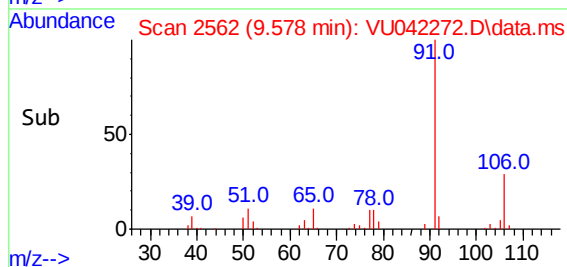
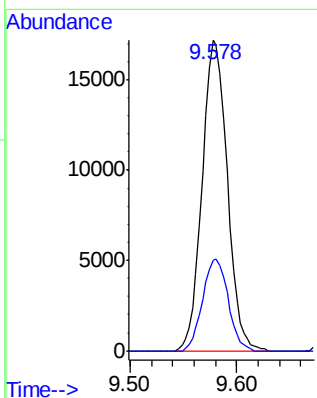
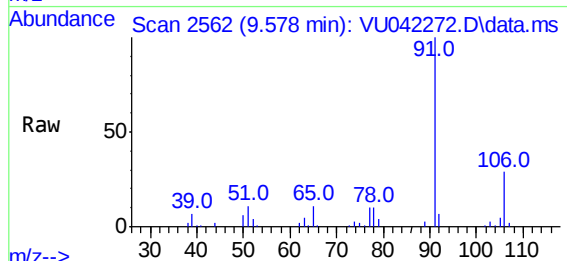




#52
Ethylbenzene
Concen: 4.54 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

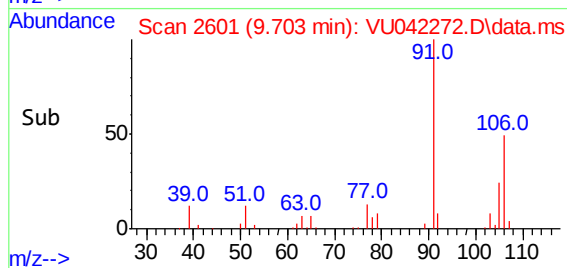
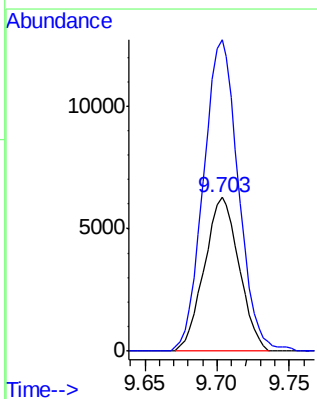
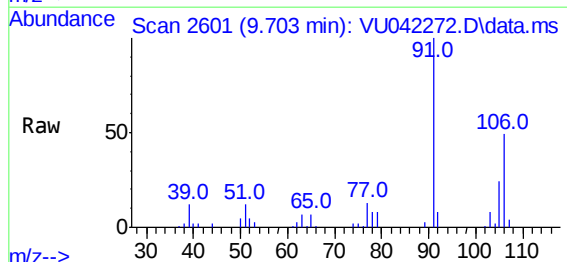
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

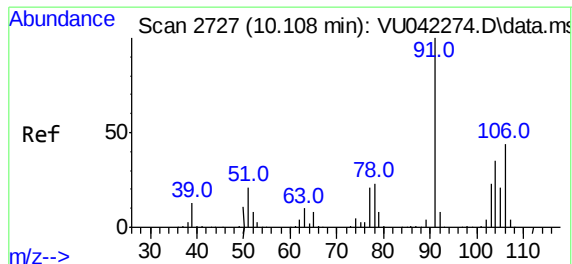
Tgt Ion: 91 Resp: 27899
Ion Ratio Lower Upper
91 100
106 29.2 20.8 38.6



#53
m,p-Xylene
Concen: 4.66 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 106 Resp: 10426
Ion Ratio Lower Upper
106 100
91 202.9 149.7 277.9

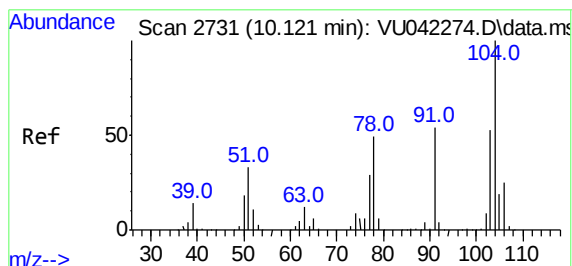
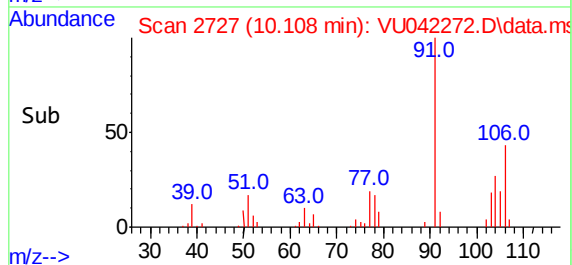
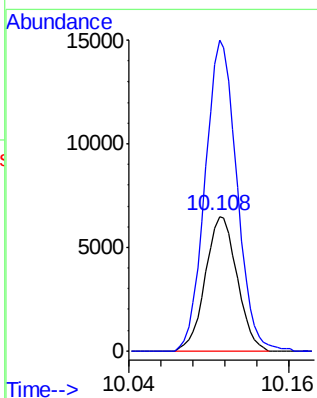
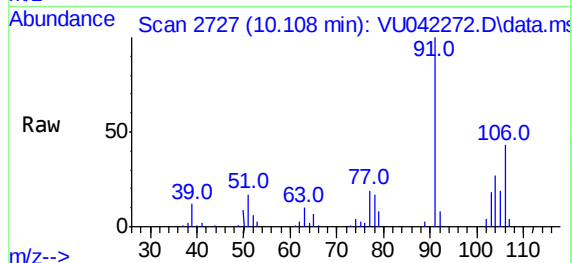




#54
o-xylene
Concen: 4.75 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

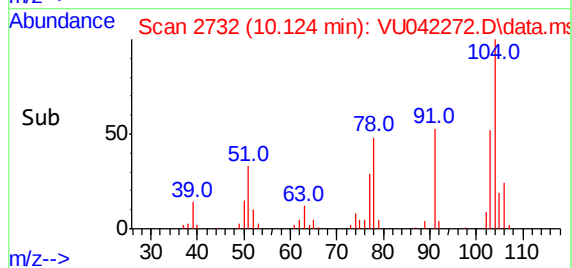
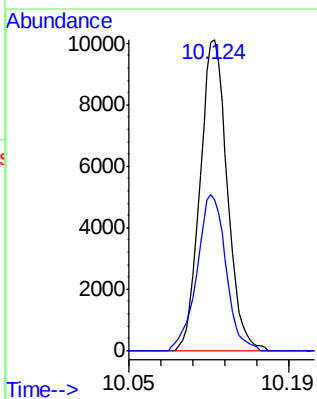
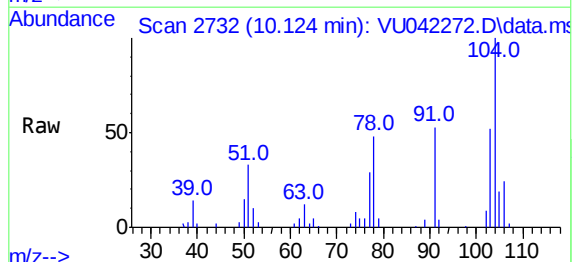
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

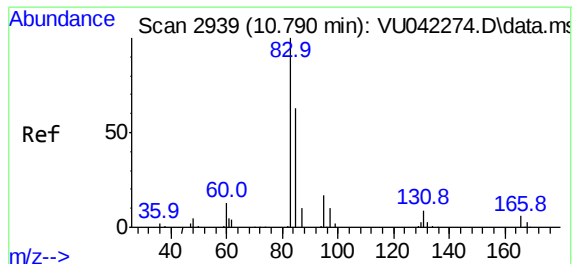
Tgt Ion:106 Resp: 10295
Ion Ratio Lower Upper
106 100
91 231.7 157.4 292.2



#55
Styrene
Concen: 4.51 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion:104 Resp: 17114
Ion Ratio Lower Upper
104 100
78 48.5 34.4 64.0

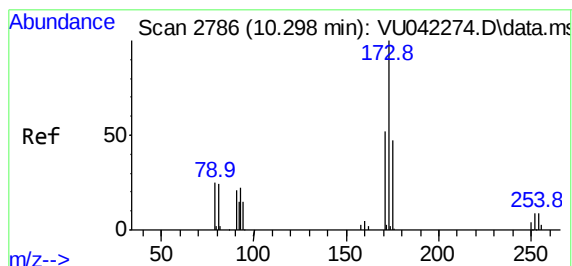
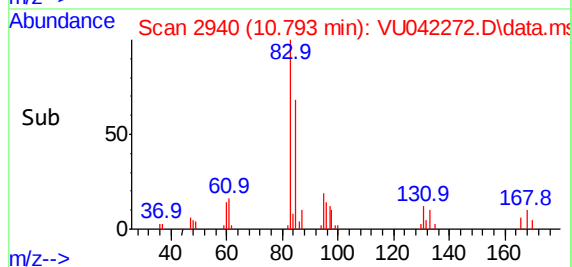
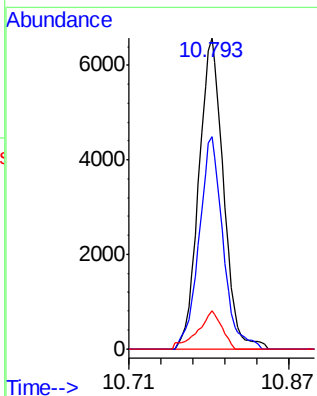
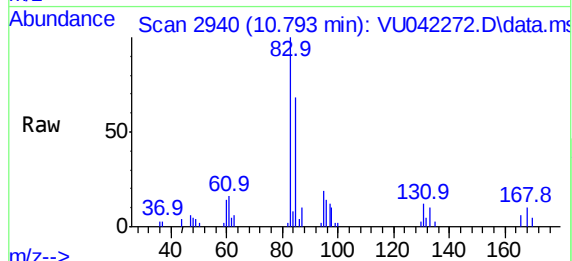




#57
1,1,2,2-Tetrachloroethane
Concen: 4.24 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

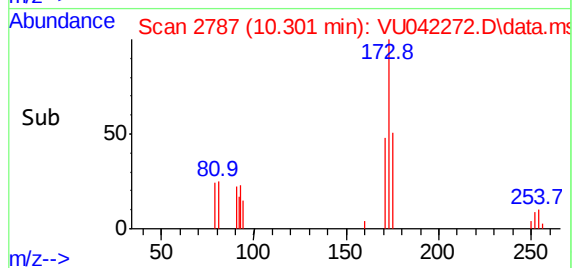
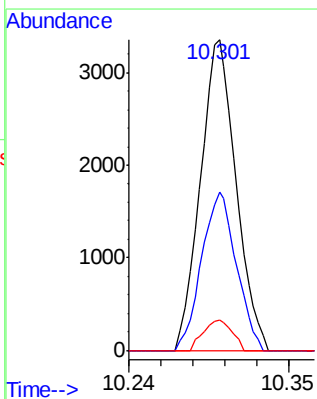
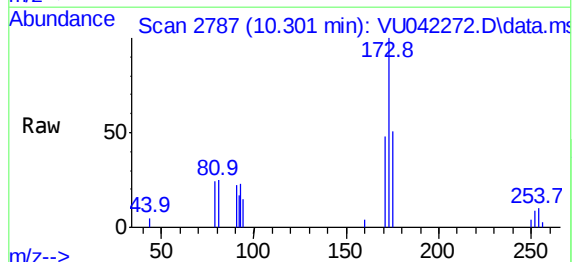
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

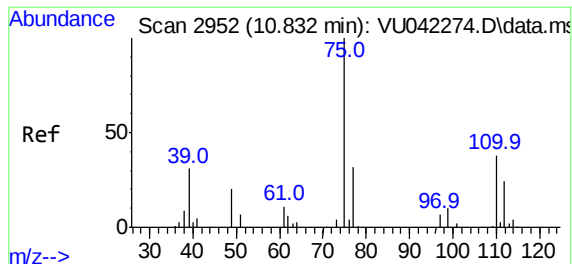
Tgt Ion: 83 Resp: 10844
Ion Ratio Lower Upper
83 100
85 68.4 45.4 84.2
131 16.8 8.1 12.1#



#59
Bromoform
Concen: 4.88 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 173 Resp: 5447
Ion Ratio Lower Upper
173 100
175 49.7 39.0 58.4
254 8.0 7.4 11.0

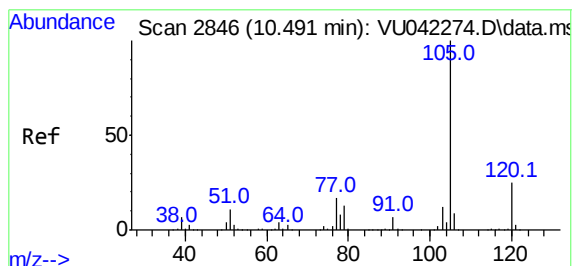
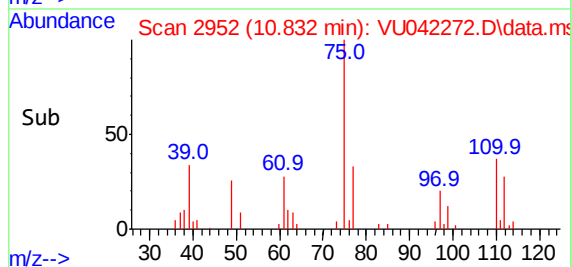
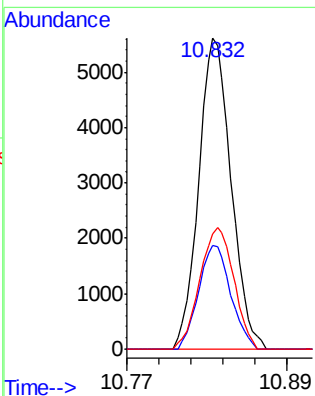
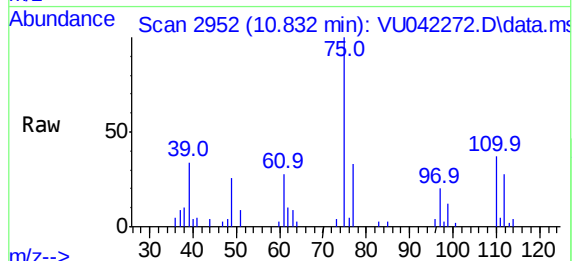




#60
1,2,3-Trichloropropane
Concen: 4.25 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

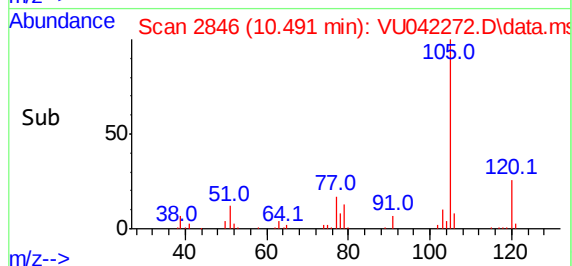
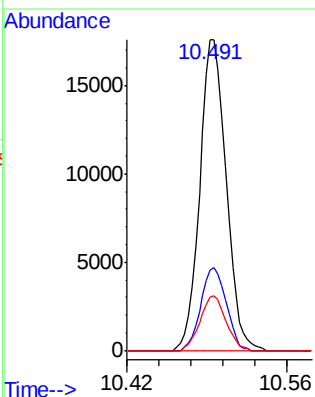
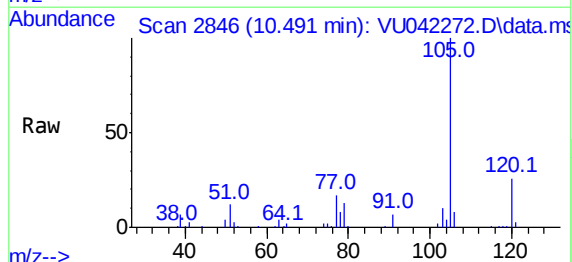
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

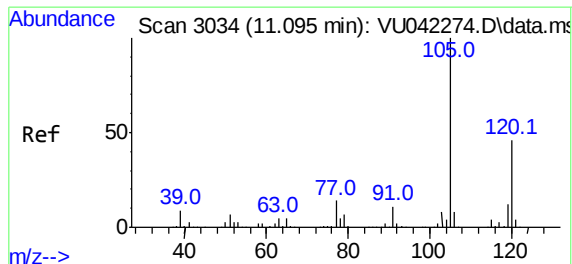
Tgt Ion: 75 Resp: 9108
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2
110 40.9 30.3 45.5



#61
Isopropylbenzene
Concen: 4.77 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 105 Resp: 27696
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 17.3 13.6 20.4



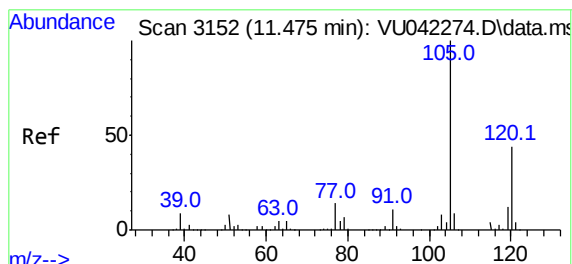
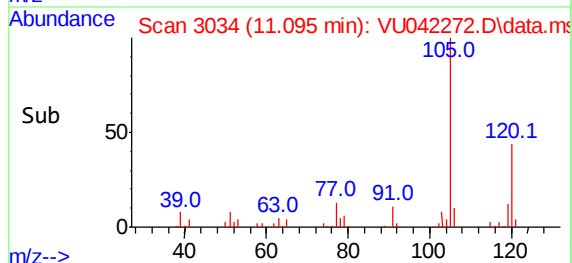
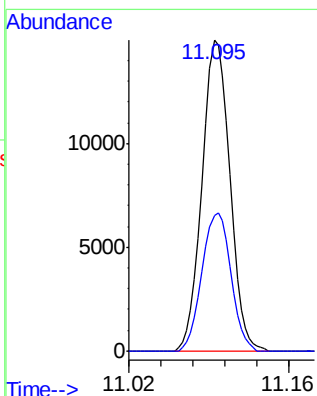
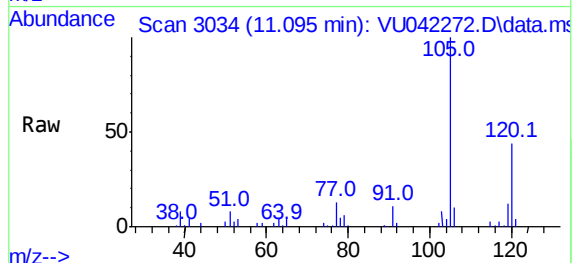


#62
 1,3,5-Trimethylbenzene
 Concen: 4.74 ug/L
 RT: 11.095 min Scan# 3034
 Delta R.T. 0.000 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005302

Tgt Ion:105 Resp: 23400

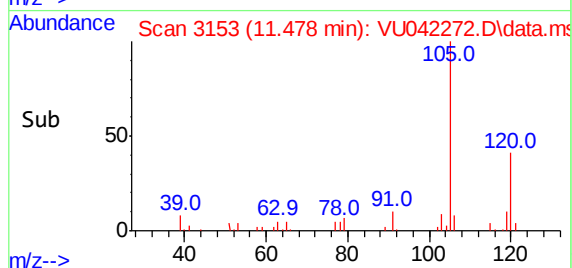
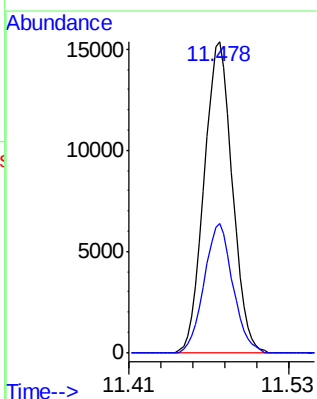
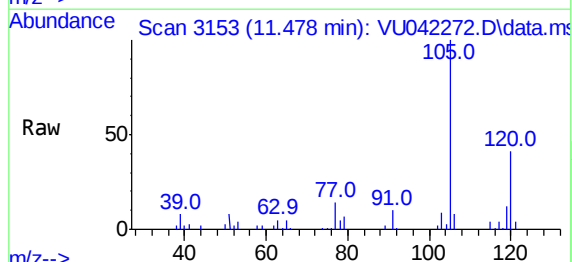
Ion	Ratio	Lower	Upper
105	100		
120	46.3	37.2	55.8

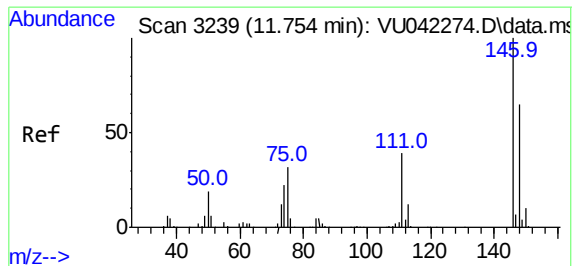


#63
 1,2,4-Trimethylbenzene
 Concen: 4.83 ug/L
 RT: 11.478 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

Tgt Ion:105 Resp: 23792

Ion	Ratio	Lower	Upper
105	100		
120	42.1	35.2	52.8

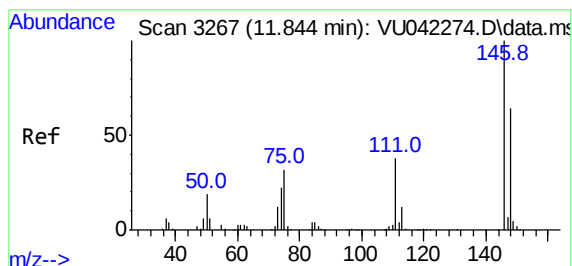
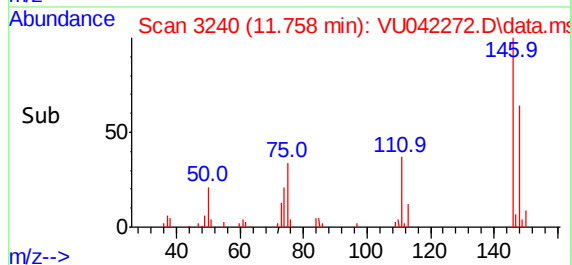
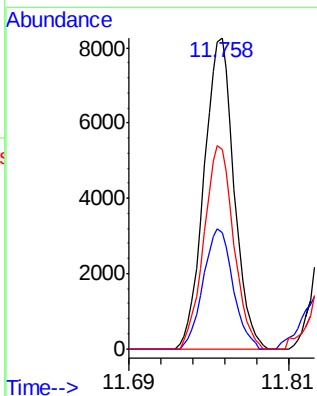
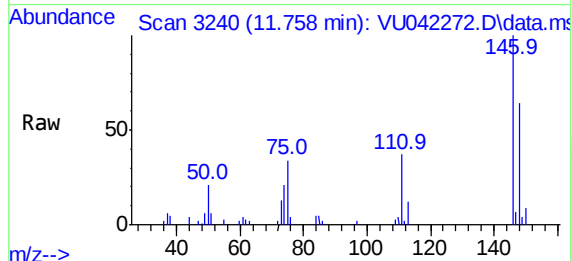




#64
1,3-Dichlorobenzene
Concen: 4.84 ug/L
RT: 11.758 min Scan# 3240
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

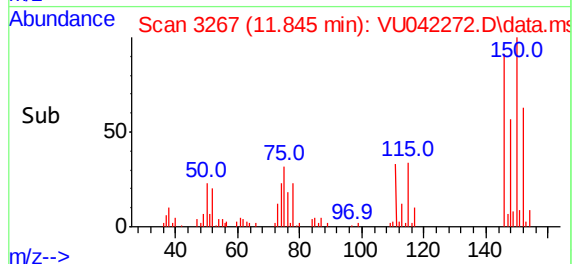
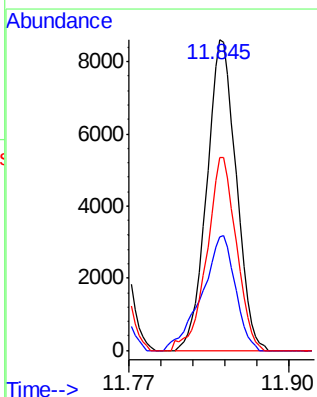
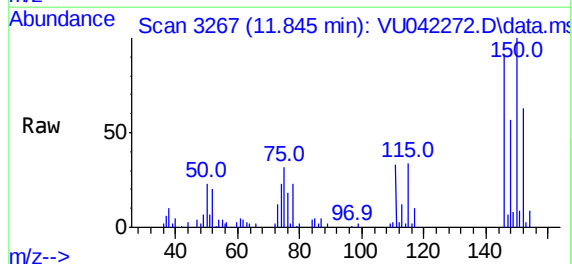
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

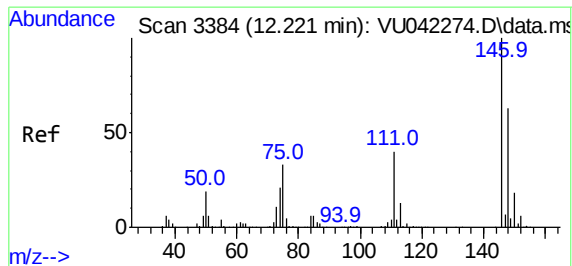
Tgt Ion:146 Resp: 13069
Ion Ratio Lower Upper
146 100
111 37.3 27.6 51.2
148 64.4 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 5.19 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion:146 Resp: 14016
Ion Ratio Lower Upper
146 100
111 36.4 26.6 49.4
148 62.3 44.6 82.8

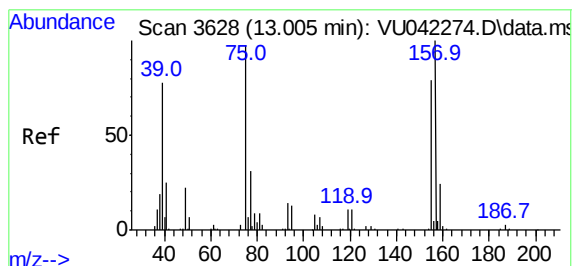
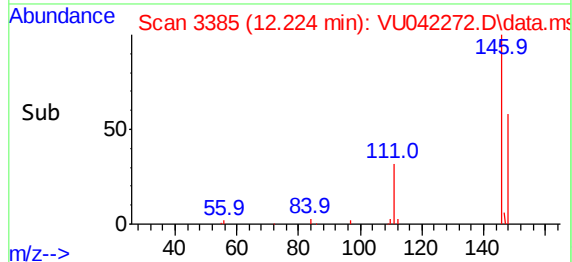
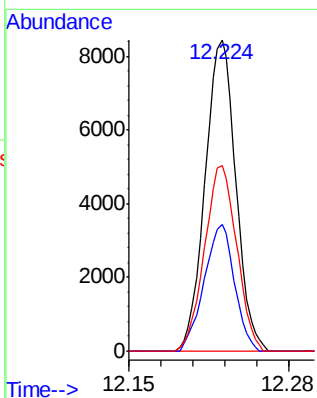
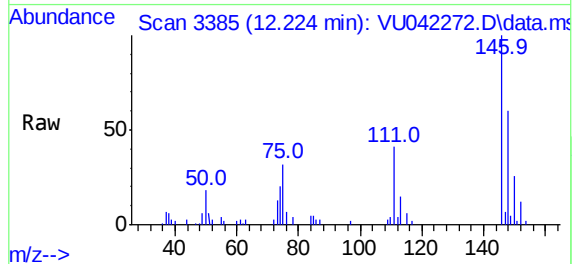




#67
1,2-Dichlorobenzene
Concen: 4.97 ug/L
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

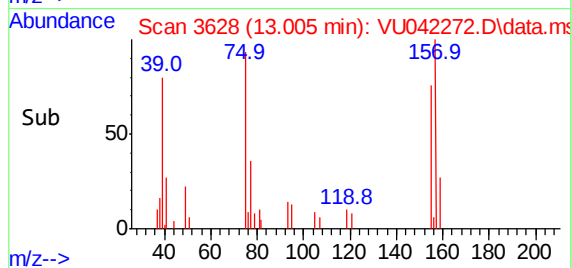
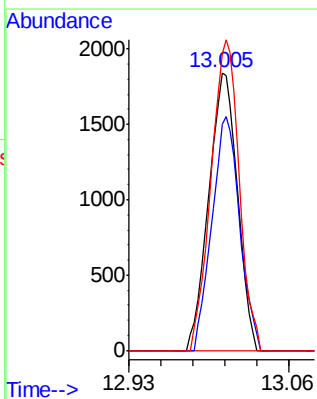
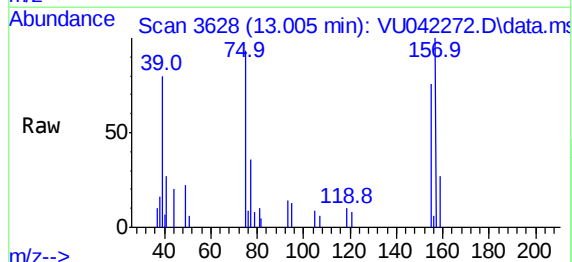
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

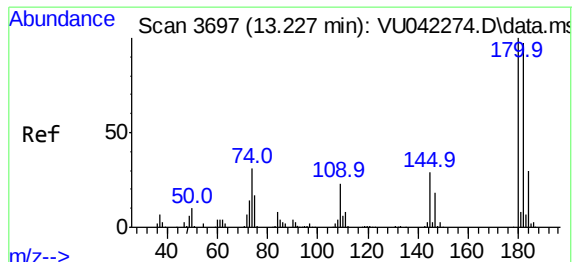
Tgt Ion:146 Resp: 13700
Ion Ratio Lower Upper
146 100
111 40.7 31.9 47.9
148 59.8 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.35 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion: 75 Resp: 2963
Ion Ratio Lower Upper
75 100
155 81.3 65.2 97.8
157 107.1 82.7 124.1



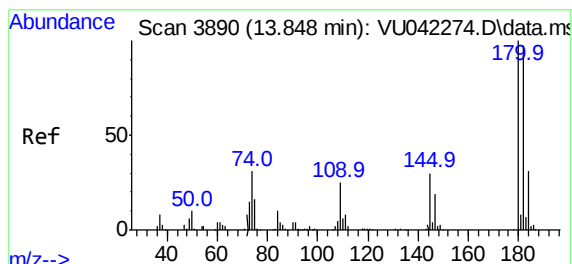
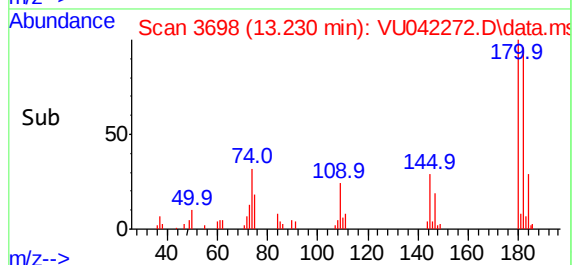
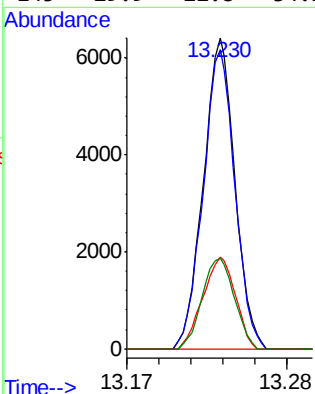
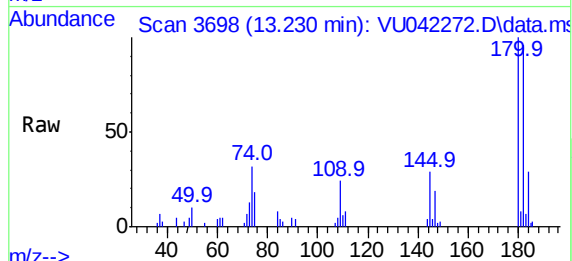


#69
 1,3,5-Trichlorobenzene
 Concen: 5.17 ug/L
 RT: 13.230 min Scan# 3698
 Delta R.T. 0.003 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005302

Tgt Ion:180 Resp: 9688

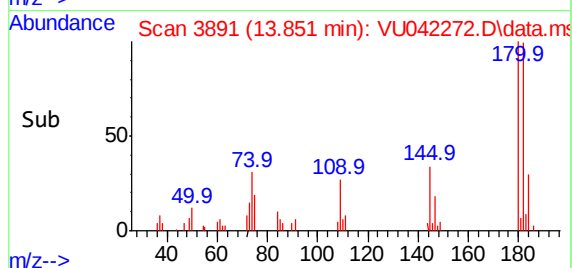
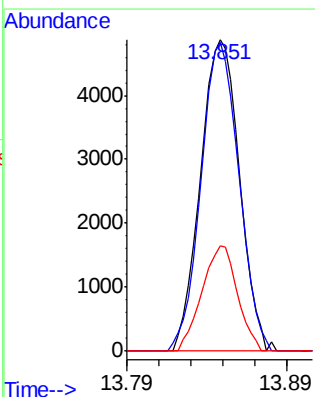
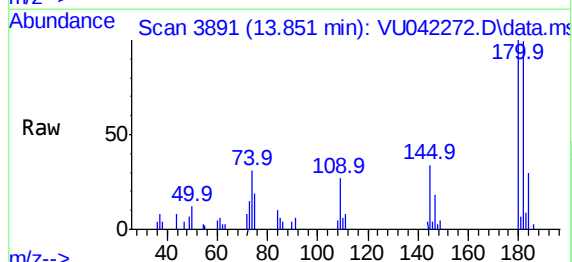
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.8	115.2
184	30.4	24.1	36.1
145	29.9	22.8	34.2

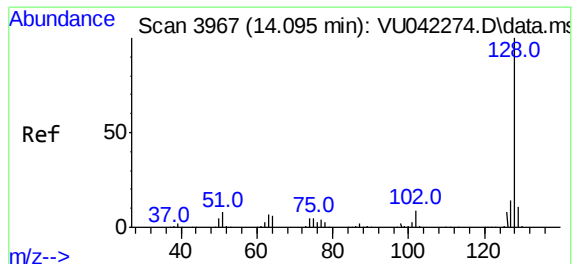


#70
 1,2,4-trichlorobenzene
 Concen: 5.49 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.003 min
 Lab File: VU042272.D
 Acq: 05 Feb 2021 09:59

Tgt Ion:180 Resp: 8025

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.2	115.8
145	30.6	23.7	35.5



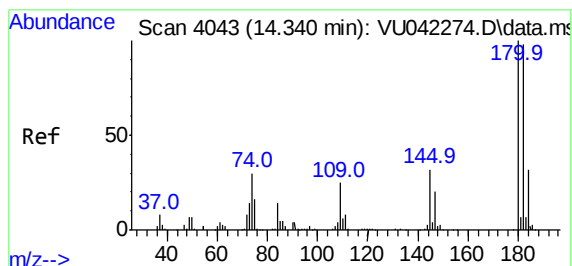
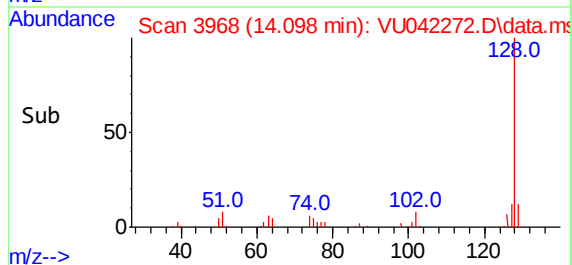
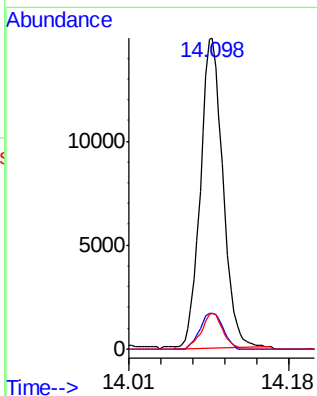
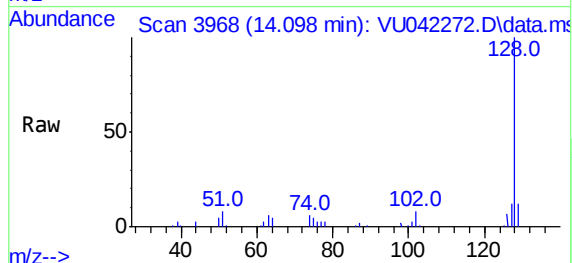


#71
Naphthalene
Concen: 4.95 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion:128 Resp: 24094

Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.8	16.2
129	10.7	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 5.78 ug/L
RT: 14.343 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VU042272.D
Acq: 05 Feb 2021 09:59

Tgt Ion:180 Resp: 8581

Ion	Ratio	Lower	Upper
180	100		
182	91.1	76.2	114.2
145	29.0	24.6	37.0

