

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042275.D
 Acq On : 05 Feb 2021 11:22
 Operator : SY/MD
 Sample : VSTD10036
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100305

Quant Time: Feb 06 07:02:55 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	6.256	114	189630	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.427	117	179756	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	103841	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.601	65	145859	75.17 ug/L	0.00
7) Chloroethane-d5	1.913	69	91501	59.86 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	319546	97.09 ug/L	0.00
21) 2-Butanone-d5	4.642	46	313513	202.49 ug/L	0.00
24) Chloroform-d	5.073	84	302125	97.41 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	208718	104.96 ug/L	0.00
32) Benzene-d6	5.736	84	541224	91.38 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	179389	92.74 ug/L	0.00
41) Toluene-d8	7.906	98	519207	100.11 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	99741	103.78 ug/L	0.00
47) 2-Hexanone-d5	8.652	63	214015	205.87 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.768	84	283658	100.12 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.205	152	222567	103.63 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.385	85	164330	92.71 ug/L	99
3) Chloromethane	1.520	50	147691	74.34 ug/L	99
5) Vinyl chloride	1.607	62	148847	73.19 ug/L	99
6) Bromomethane	1.861	94	81093	66.17 ug/L	99
8) Chloroethane	1.935	64	72221	58.20 ug/L	100
9) Trichlorofluoromethane	2.134	101	233517	88.83 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	141074	96.18 ug/L	99
12) 1,1-Dichloroethene	2.581	96	128242	91.45 ug/L	94
13) Acetone	2.649	43	295910	221.09 ug/L	99
14) Carbon disulfide	2.797	76	381344	85.41 ug/L	100
15) Methyl Acetate	2.958	43	212923	103.61 ug/L	100
16) Methylene chloride	3.051	84	143332	88.83 ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	131904	89.49 ug/L	97
18) Methyl tert-butyl Ether	3.372	73	478358	98.63 ug/L	100
19) 1,1-Dichloroethane	3.877	63	272961	93.22 ug/L	99
20) cis-1,2-Dichloroethene	4.675	96	148751	93.28 ug/L	100
22) 2-Butanone	4.723	43	373436	215.32 ug/L	99
23) Bromochloromethane	4.983	128	78823	101.95 ug/L	97
25) Chloroform	5.099	83	278729	95.42 ug/L	100
27) 1,2-Dichloroethane	5.803	62	241576	104.94 ug/L	100
29) Cyclohexane	5.395	56	250237	97.30 ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	254676	97.49 ug/L	99
31) Carbon tetrachloride	5.533	117	223038	102.82 ug/L	99
33) Benzene	5.784	78	563146	89.79 ug/L	100
34) Trichloroethene	6.552	95	149670	94.58 ug/L	100
35) Methylcyclohexane	6.771	83	236470	101.73 ug/L	99
37) 1,2-Dichloropropane	6.800	63	158408	93.27 ug/L	100
38) Bromodichloromethane	7.115	83	215362	100.95 ug/L	99
39) cis-1,3-Dichloropropene	7.617	75	256870	102.63 ug/L	99
40) 4-Methyl-2-pentanone	7.809	43	648936	238.11 ug/L	99
42) Toluene	7.980	91	612283	99.79 ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	255776	106.70 ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	146187	98.44 ug/L	99

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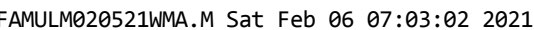
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100305

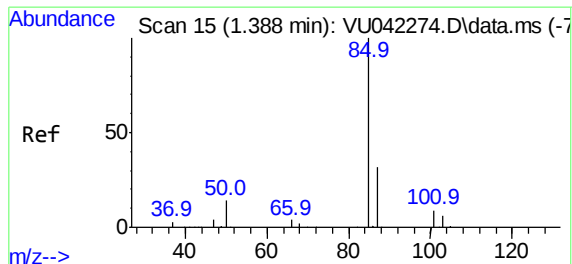
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	8.562	164	122387	117.55	ug/L	99
48) 2-Hexanone	8.703	43	534672	237.50	ug/L	100
49) Dibromochloromethane	8.819	129	178070	109.36	ug/L	99
50) 1,2-Dibromoethane	8.935	107	167177	104.98	ug/L	100
51) Chlorobenzene	9.456	112	394527	102.74	ug/L	100
52) Ethylbenzene	9.578	91	702738	105.37	ug/L	99
53) m,p-Xylene	9.703	106	261114	107.59	ug/L	99
54) o-xylene	10.108	106	262135	111.66	ug/L	100
55) Styrene	10.124	104	464040	112.79	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.796	83	279053	100.60	ug/L	100
59) Bromoform	10.305	173	157585	115.53	ug/L	99
60) 1,2,3-Trichloropropane	10.835	75	233209	88.92	ug/L	99
61) Isopropylbenzene	10.494	105	710951	100.07	ug/L	99
62) 1,3,5-Trimethylbenzene	11.099	105	632453	104.67	ug/L	99
63) 1,2,4-Trimethylbenzene	11.478	105	636132	105.65	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	338899	102.70	ug/L	99
65) 1,4-Dichlorobenzene	11.848	146	339177	102.79	ug/L	99
67) 1,2-Dichlorobenzene	12.224	146	340184	100.92	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.009	75	76993	92.38	ug/L	96
69) 1,3,5-Trichlorobenzene	13.230	180	264659	115.44	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	224392	125.41	ug/L	99
71) Naphthalene	14.095	128	730757	122.63	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	225388	124.03	ug/L	100

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

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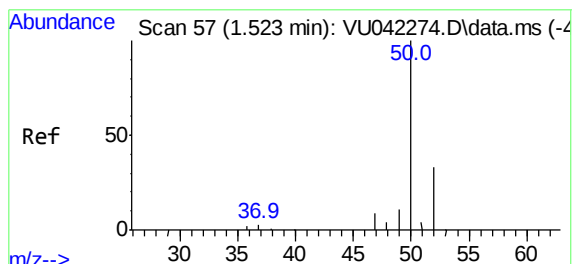
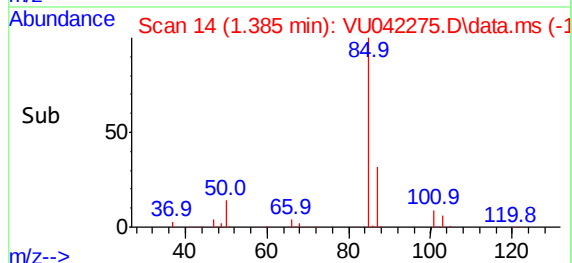
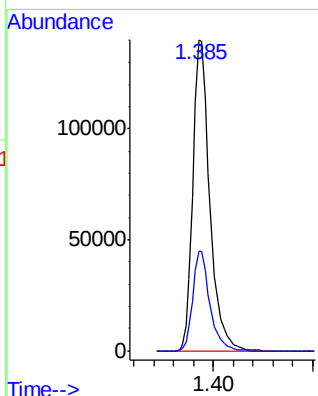
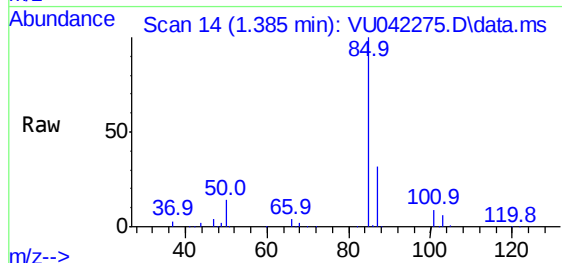




#2
Dichlorodifluoromethane
Concen: 92.71 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

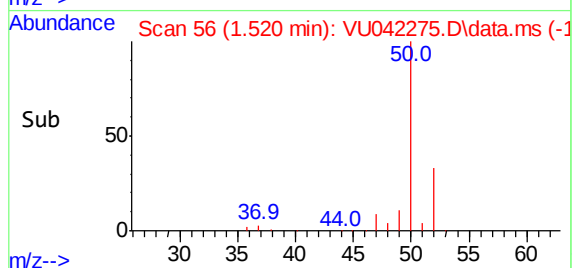
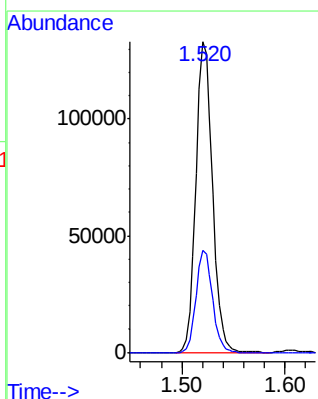
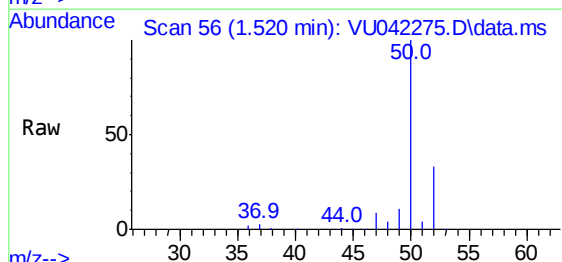
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

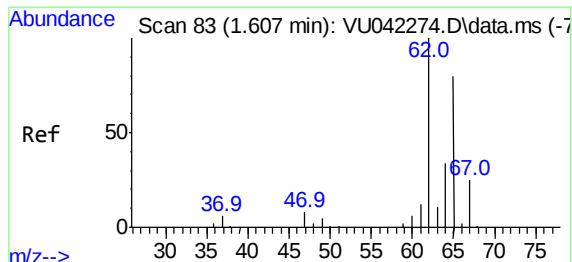
Tgt Ion: 85 Resp: 164330
Ion Ratio Lower Upper
85 100
87 32.2 25.4 38.2



#3
Chloromethane
Concen: 74.34 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 50 Resp: 147691
Ion Ratio Lower Upper
50 100
52 32.9 22.8 42.4

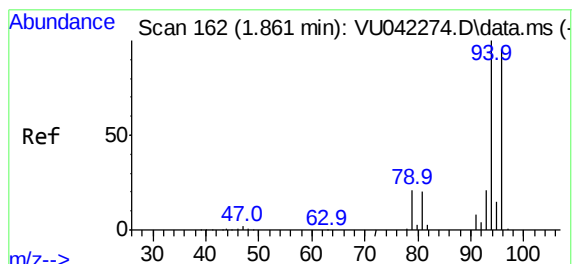
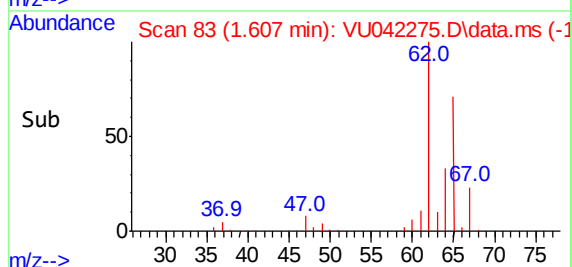
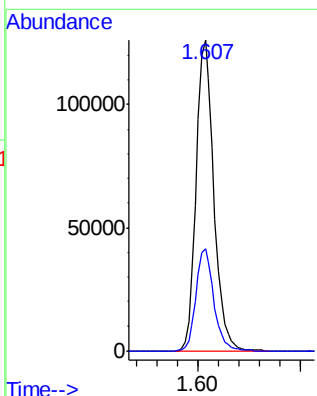
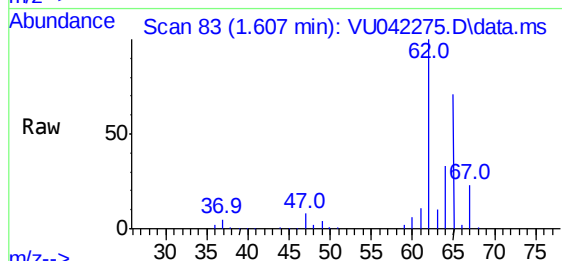




#5
 Vinyl chloride
 Concen: 73.19 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042275.D
 Acq: 05 Feb 2021 11:22

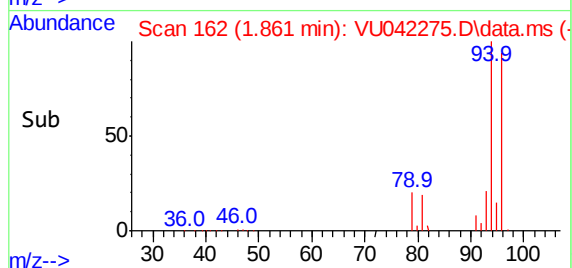
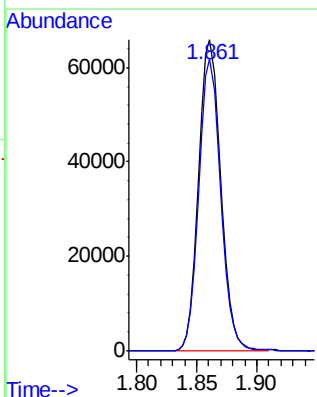
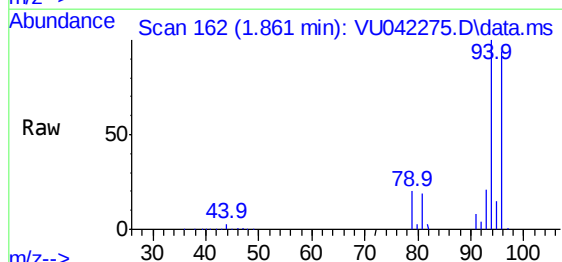
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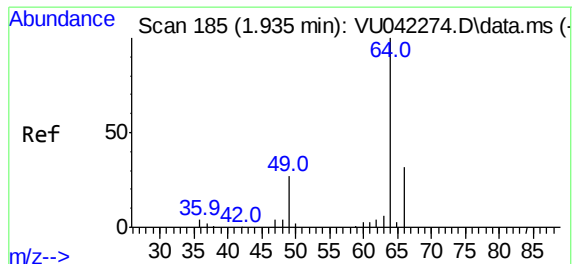
Tgt Ion: 62 Resp: 148847
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.6 43.8



#6
 Bromomethane
 Concen: 66.17 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU042275.D
 Acq: 05 Feb 2021 11:22

Tgt Ion: 94 Resp: 81093
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.3 123.1

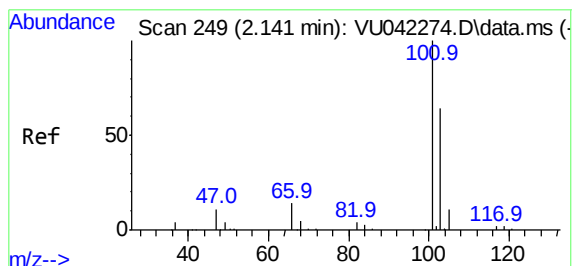
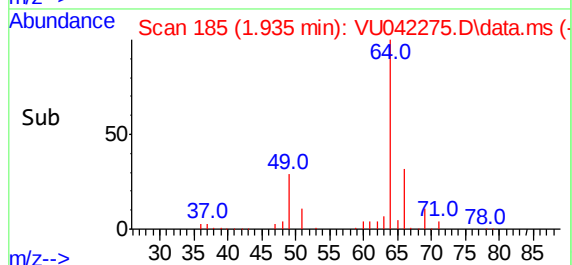
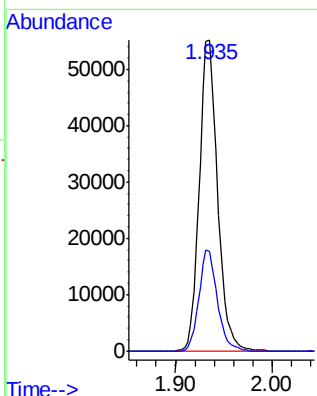
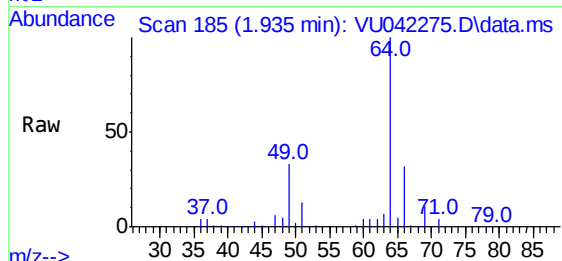




#8
Chloroethane
Concen: 58.20 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

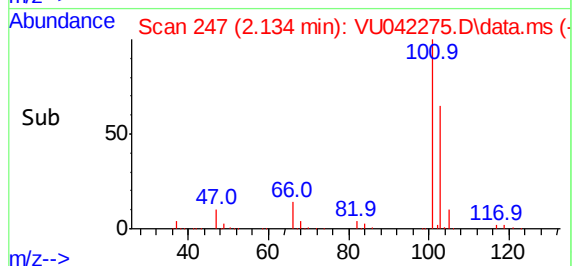
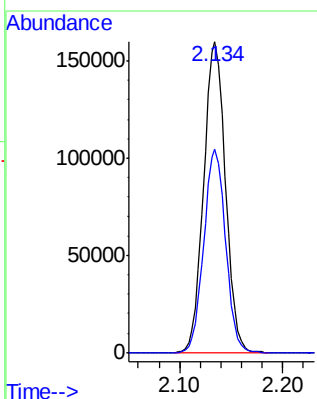
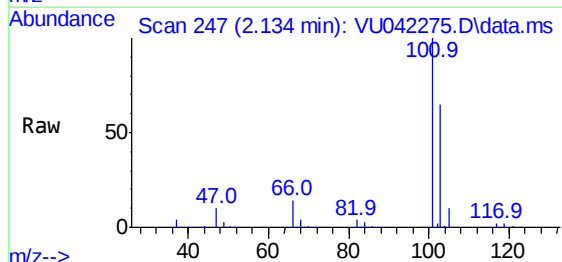
Instrument :
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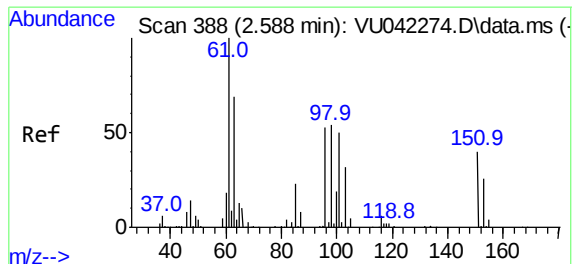
Tgt Ion: 64 Resp: 72221
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 88.83 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.006 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion:101 Resp: 233517
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

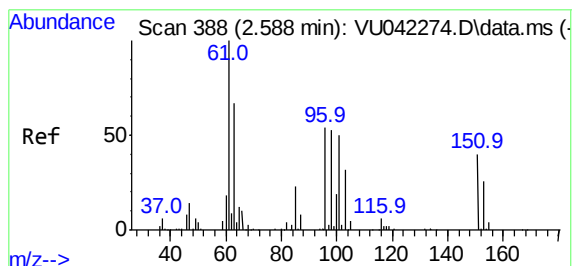
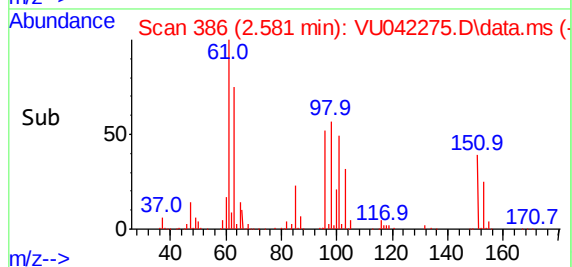
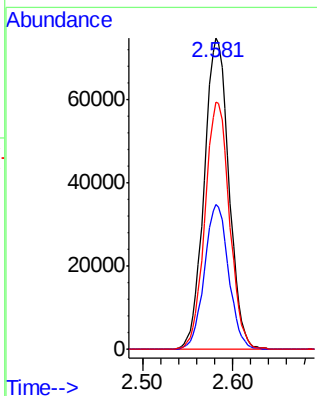
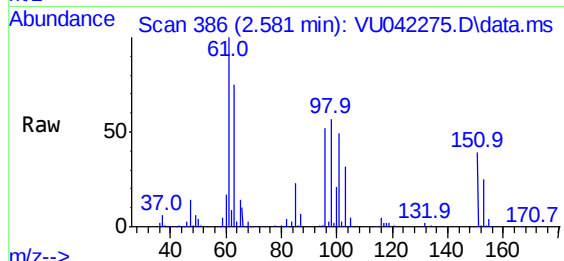




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 96.18 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU042275.D
 Acq: 05 Feb 2021 11:22

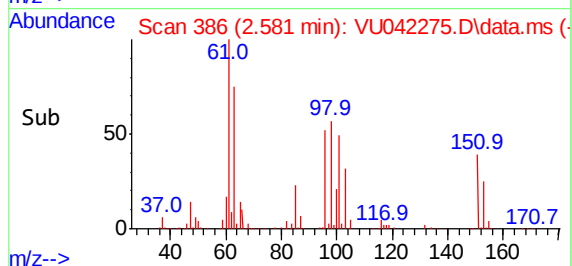
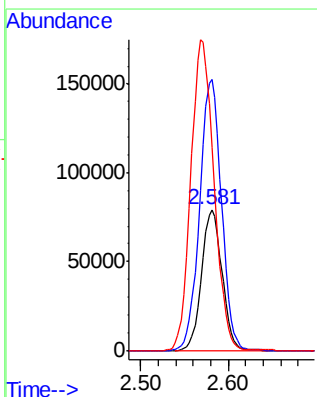
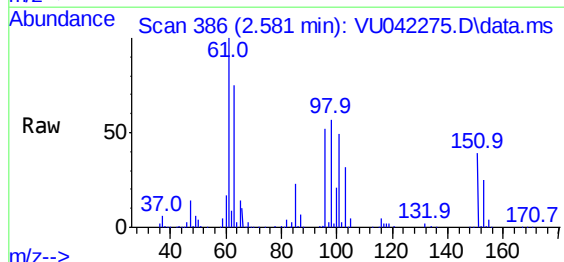
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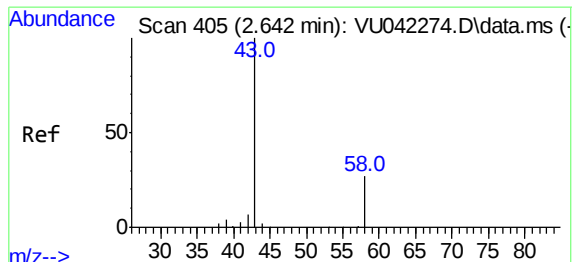
Tgt Ion:101 Resp: 141074
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.7 55.1
 151 78.9 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 91.45 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU042275.D
 Acq: 05 Feb 2021 11:22

Tgt Ion: 96 Resp: 128242
 Ion Ratio Lower Upper
 96 100
 61 192.6 131.6 244.4
 63 144.7 92.6 172.0





#13

Acetone

Concen: 221.09 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.007 min

Lab File: VU042275.D

Acq: 05 Feb 2021 11:22

Instrument :

MSVOA_U

ClientSampleId :

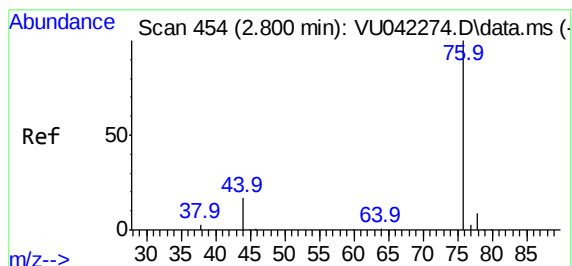
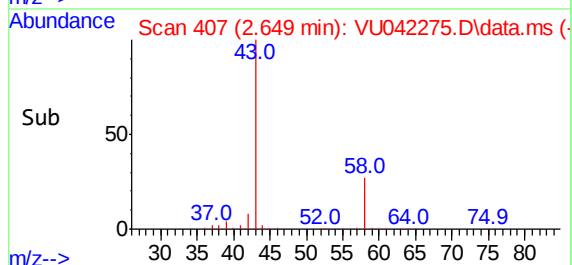
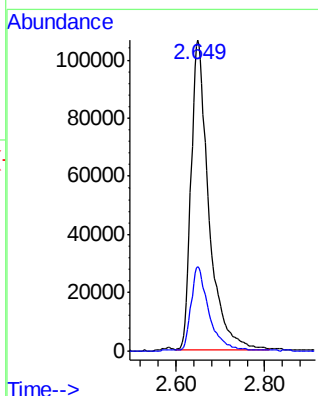
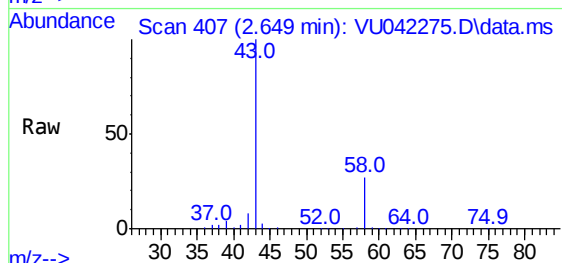
VSTD100305

Tgt Ion: 43 Resp: 295910

Ion Ratio Lower Upper

43 100

58 26.7 0.0 54.0



#14

Carbon disulfide

Concen: 85.41 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU042275.D

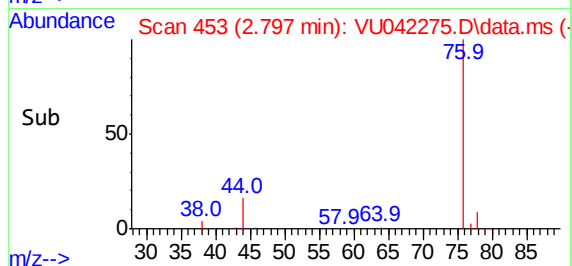
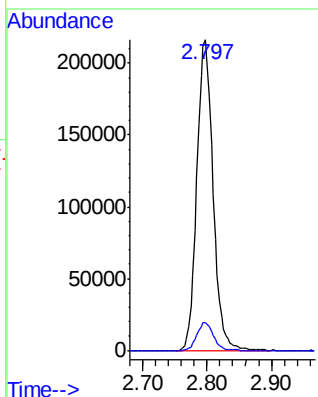
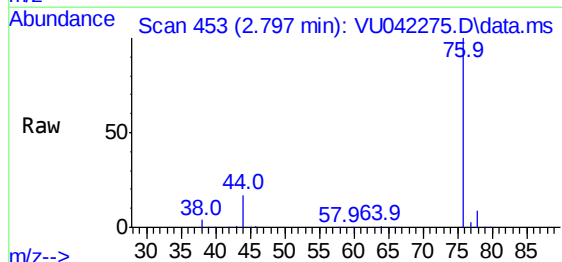
Acq: 05 Feb 2021 11:22

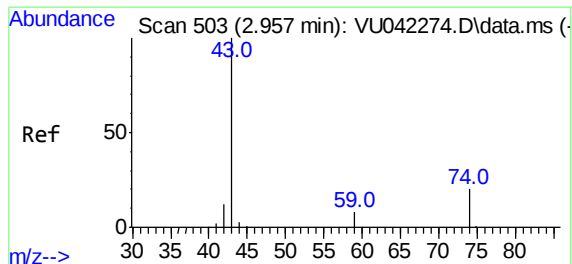
Tgt Ion: 76 Resp: 381344

Ion Ratio Lower Upper

76 100

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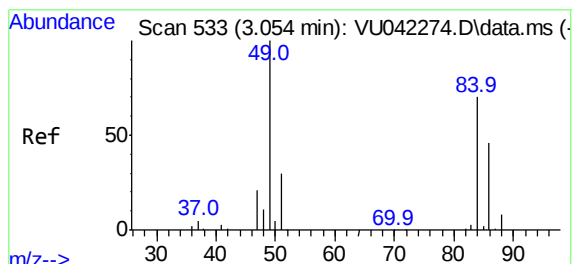
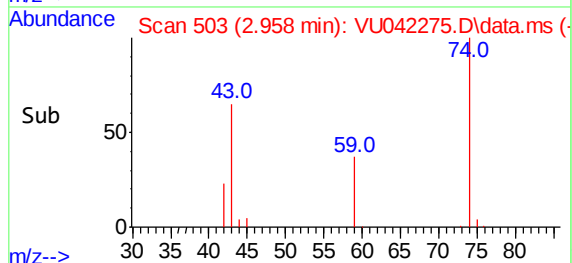
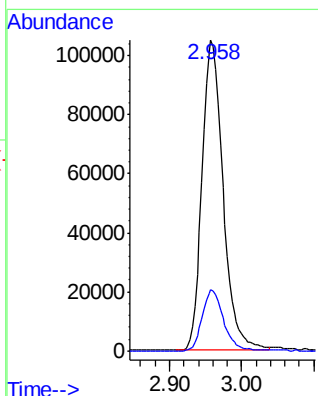
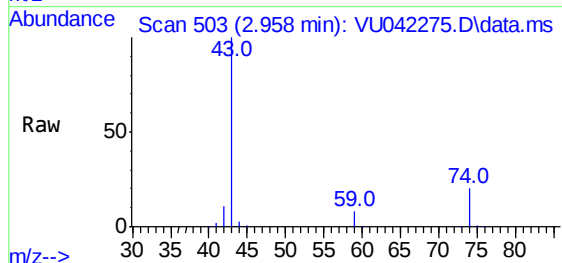




#15
Methyl Acetate
Concen: 103.61 ug/L
RT: 2.958 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

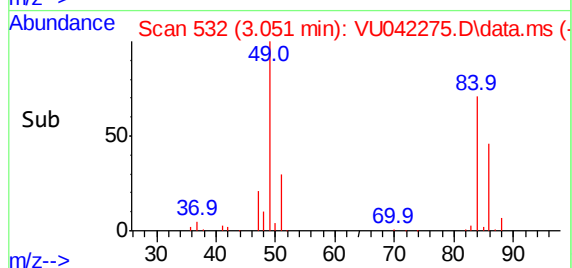
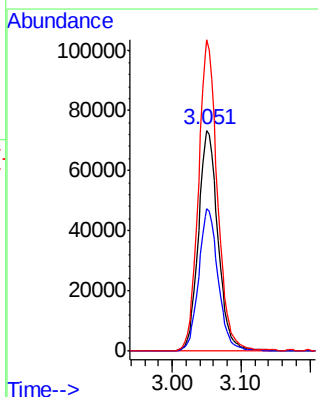
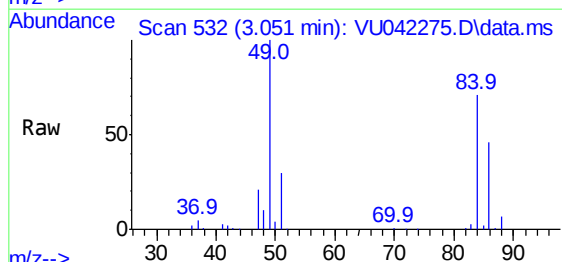
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

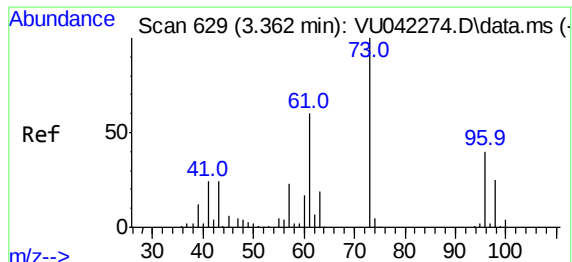
Tgt Ion: 43 Resp: 212923
Ion Ratio Lower Upper
43 100
74 19.8 15.8 23.6



#16
Methylene chloride
Concen: 88.83 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 84 Resp: 143332
Ion Ratio Lower Upper
84 100
86 64.3 46.0 85.4
49 141.2 99.5 184.9

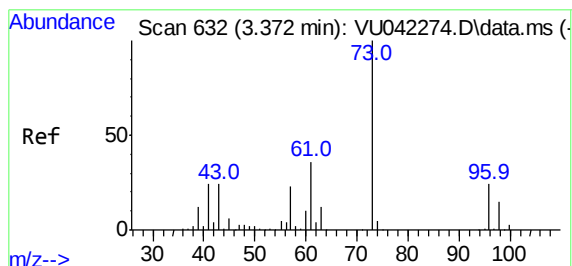
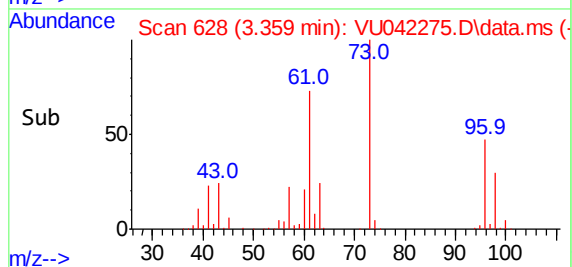
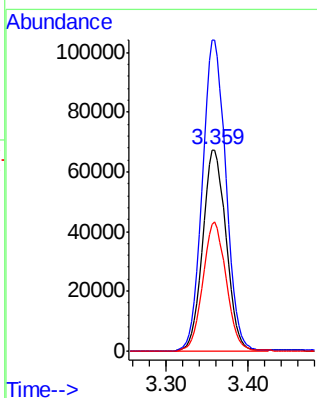
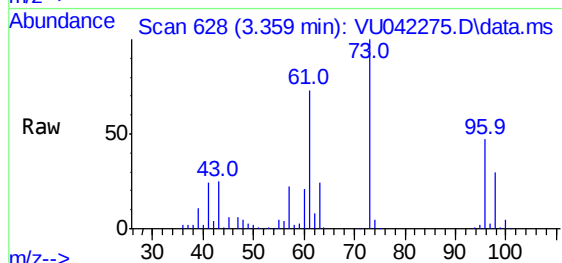




#17
trans-1,2-Dichloroethene
Concen: 89.49 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

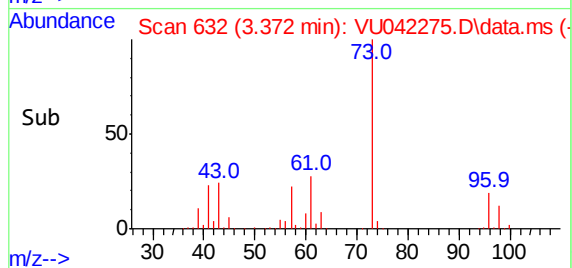
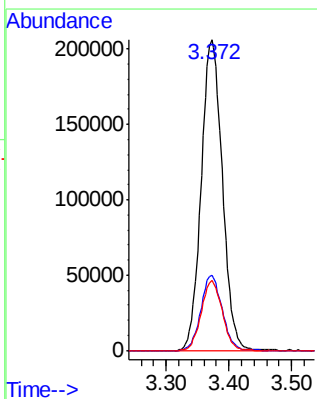
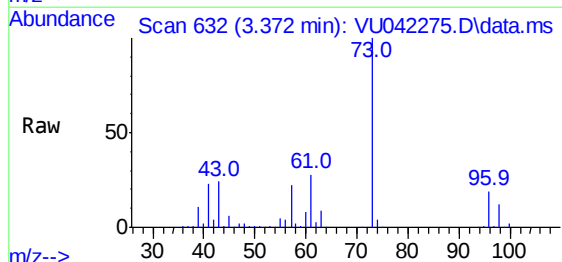
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

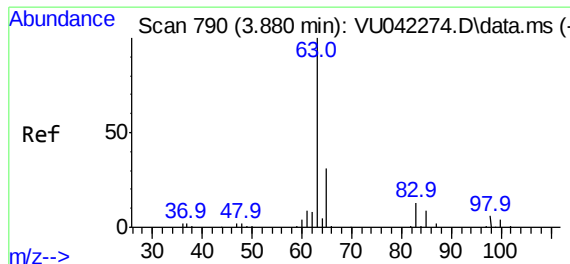
Tgt Ion: 96 Resp: 131904
Ion Ratio Lower Upper
96 100
61 154.5 104.6 194.2
98 64.1 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 98.63 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 73 Resp: 478358
Ion Ratio Lower Upper
73 100
43 24.2 19.4 29.0
57 22.3 18.2 27.2

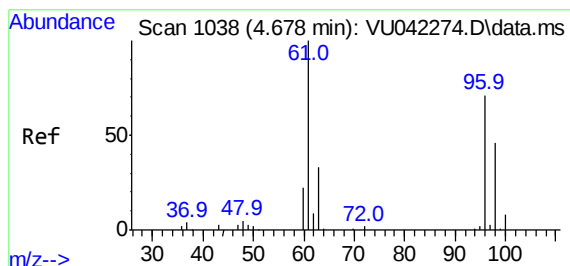
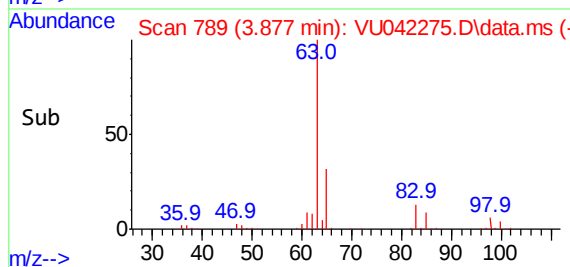
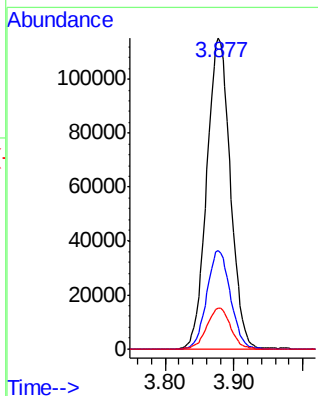
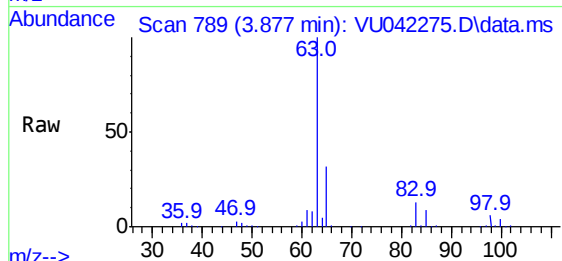




#19
1,1-Dichloroethane
Concen: 93.22 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

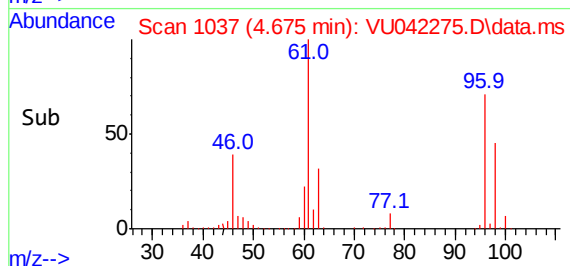
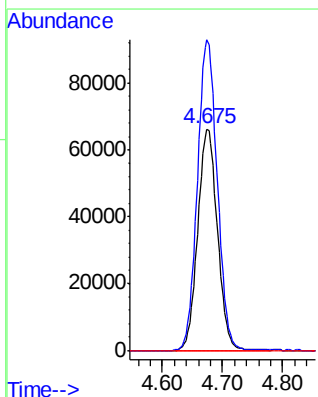
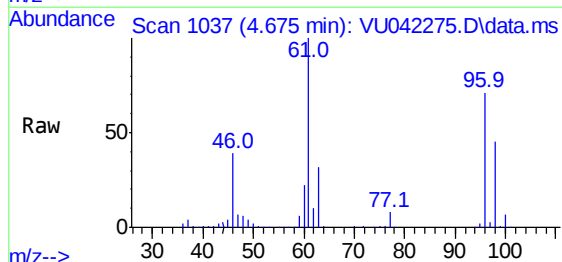
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

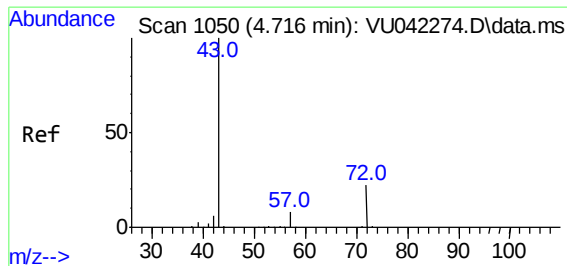
Tgt Ion: 63 Resp: 272961
Ion Ratio Lower Upper
63 100
65 31.7 21.8 40.4
83 13.1 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 93.28 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 96 Resp: 148751
Ion Ratio Lower Upper
96 100
61 140.4 98.6 183.0
68 0.0 0.0 0.0

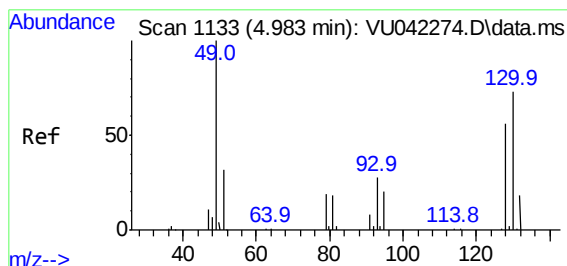
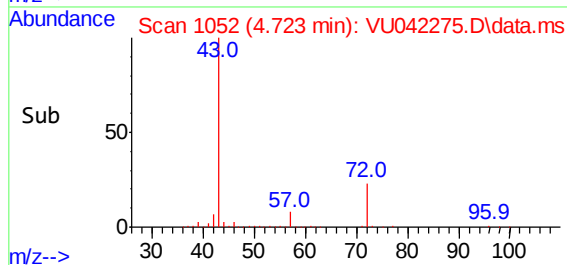
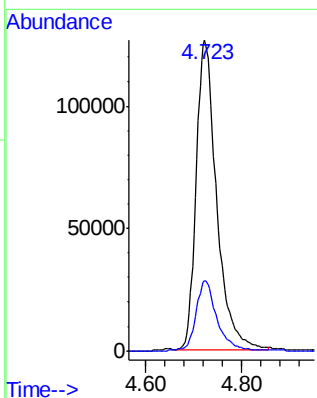
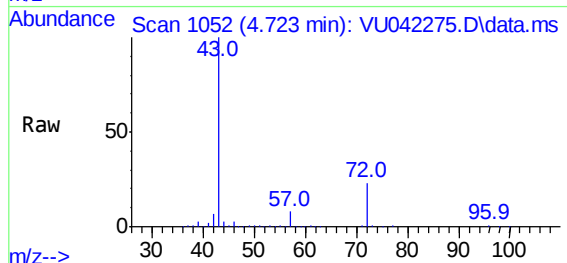




#22
2-Butanone
Concen: 215.32 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.007 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

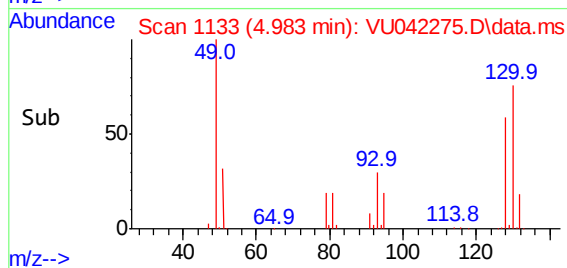
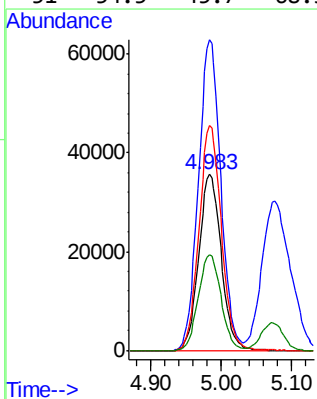
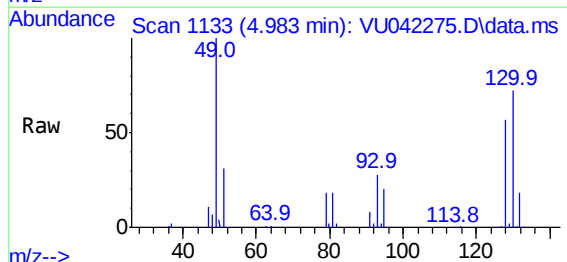
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

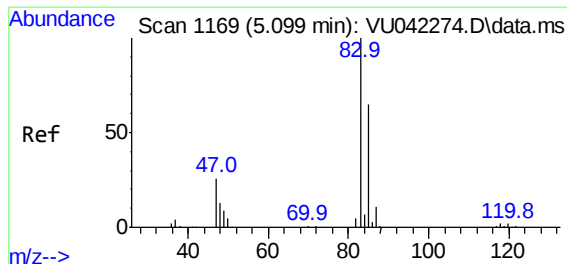
Tgt Ion: 43 Resp: 373436
Ion Ratio Lower Upper
43 100
72 23.1 11.7 35.1



#23
Bromochloromethane
Concen: 101.95 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 128 Resp: 78823
Ion Ratio Lower Upper
128 100
49 176.8 125.9 233.9
130 128.0 91.7 170.3
51 54.5 45.7 68.5

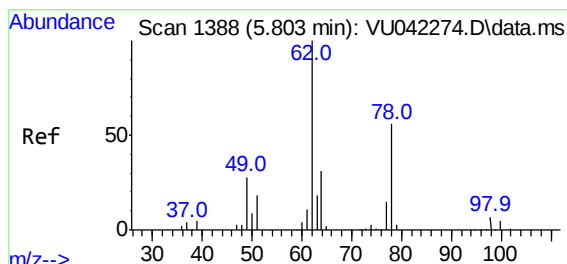
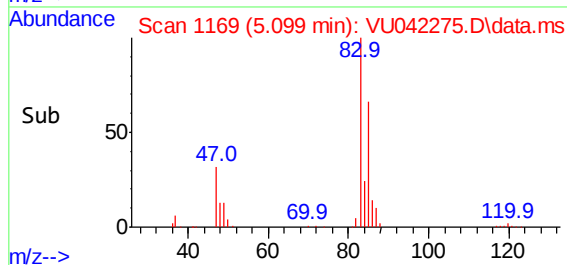
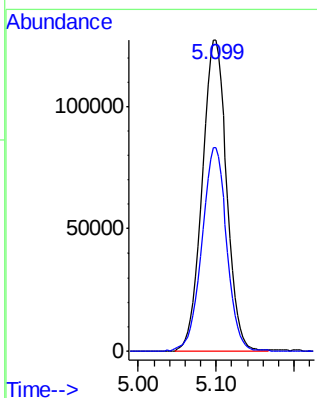
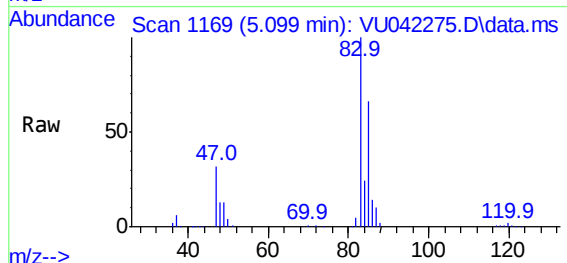




#25
Chloroform
Concen: 95.42 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

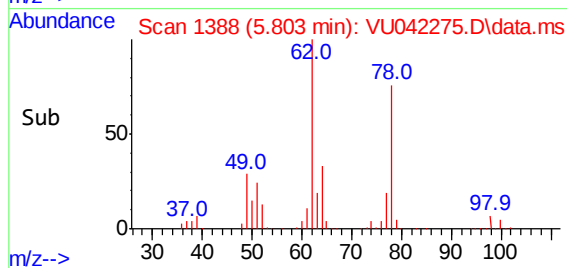
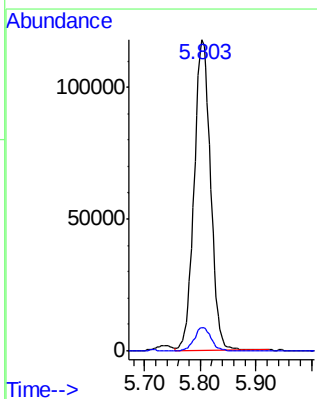
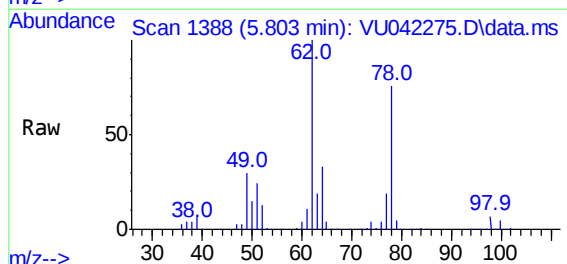
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

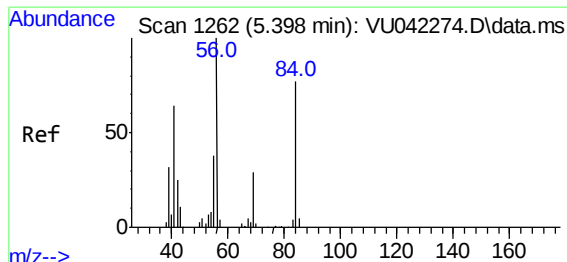
Tgt Ion: 83 Resp: 278729
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.5



#27
1,2-Dichloroethane
Concen: 104.94 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 62 Resp: 241576
Ion Ratio Lower Upper
62 100
98 7.4 5.8 8.8

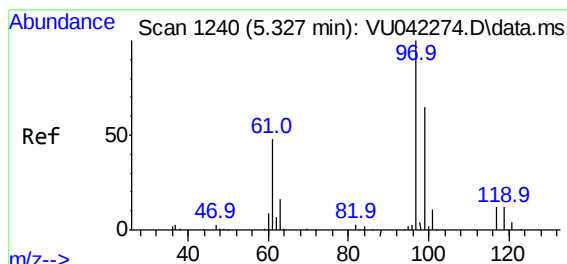
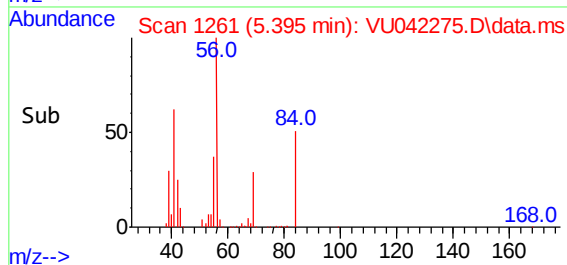
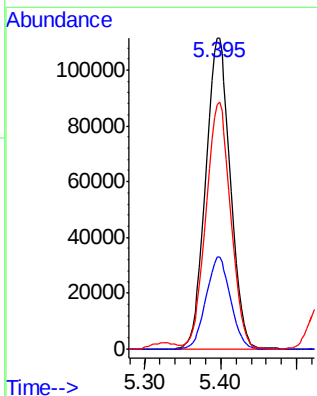
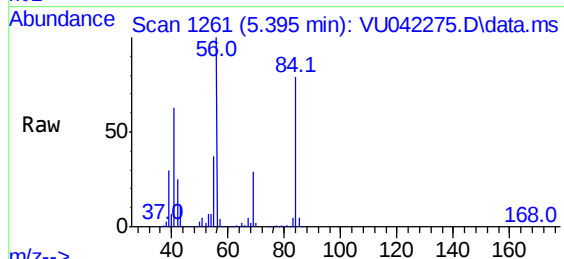




#29
Cyclohexane
Concen: 97.30 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

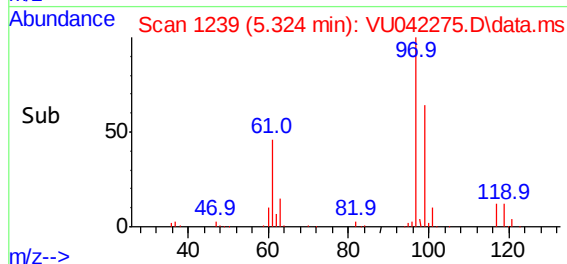
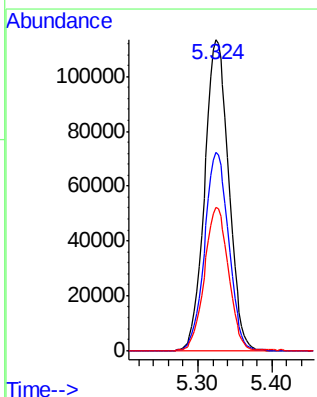
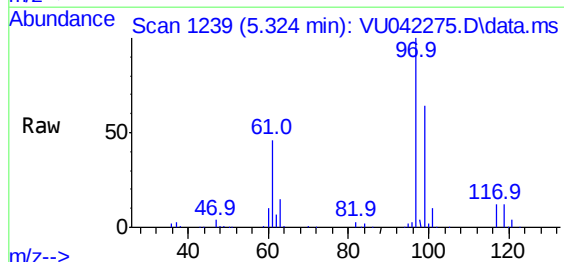
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

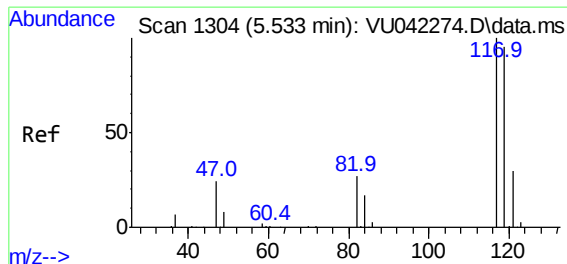
Tgt Ion: 56 Resp: 250237
Ion Ratio Lower Upper
56 100
69 29.3 23.5 35.3
84 79.8 64.2 96.2



#30
1,1,1-Trichloroethane
Concen: 97.49 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 97 Resp: 254676
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 46.2 37.7 56.5

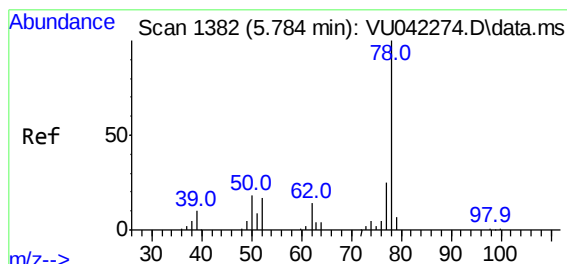
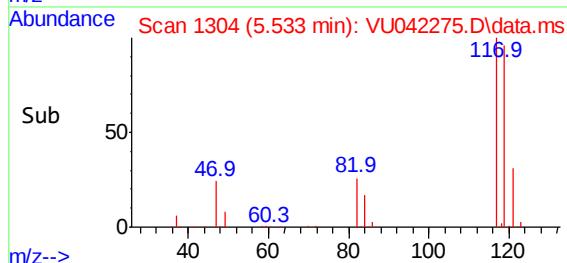
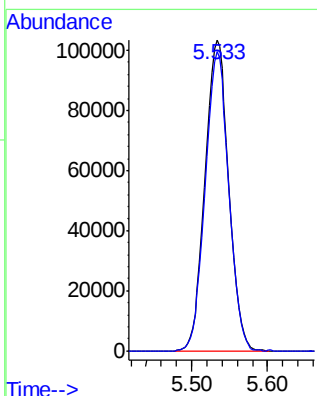
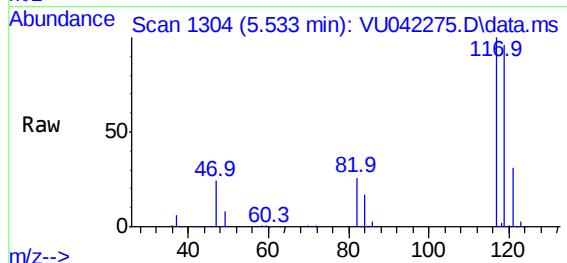




#31
Carbon tetrachloride
Concen: 102.82 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

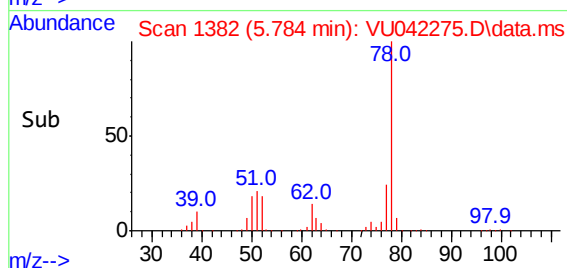
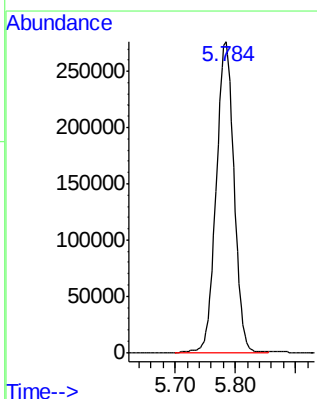
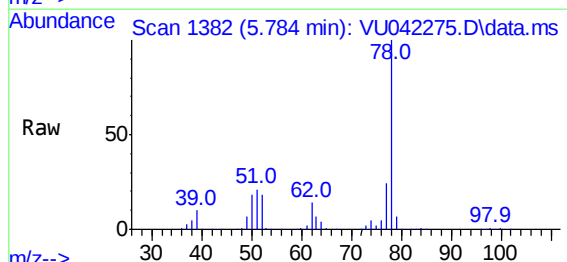
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

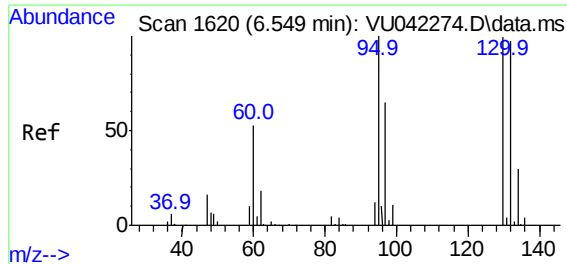
Tgt Ion:117 Resp: 223038
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 89.79 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 78 Resp: 563146





#34

Trichloroethene

Concen: 94.58 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU042275.D

Acq: 05 Feb 2021 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD100305

Tgt Ion: 95 Resp: 149670

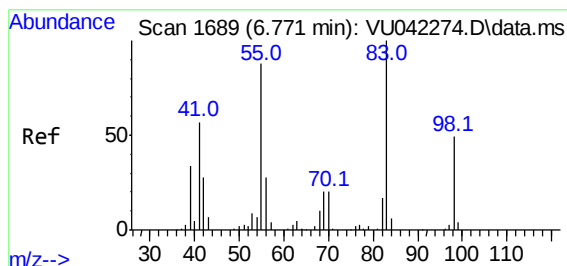
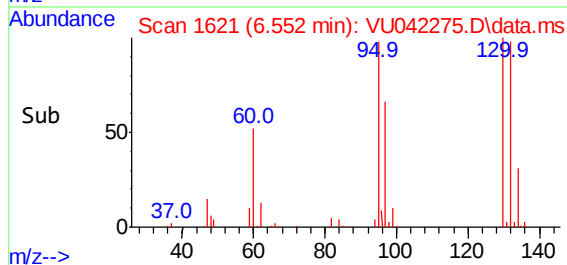
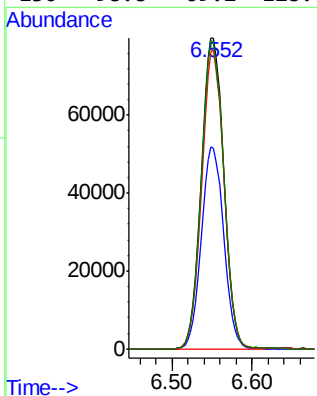
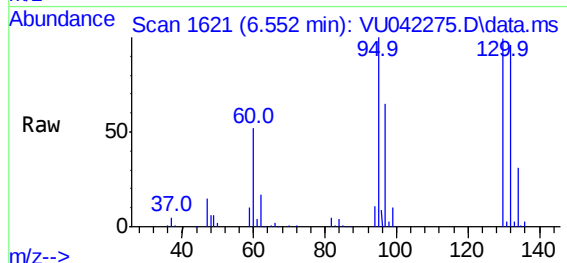
Ion Ratio Lower Upper

95 100

97 64.7 45.3 84.1

132 96.3 67.5 125.4

130 98.8 69.2 128.4



#35

Methylcyclohexane

Concen: 101.73 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU042275.D

Acq: 05 Feb 2021 11:22

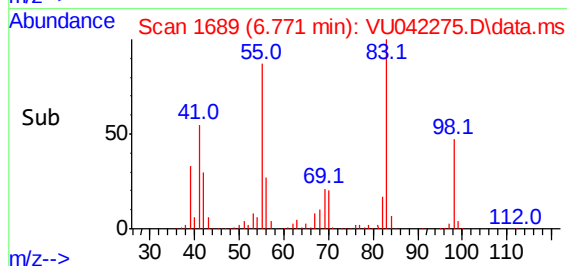
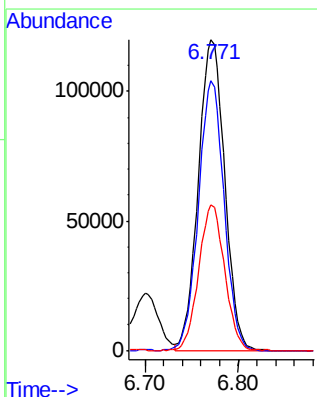
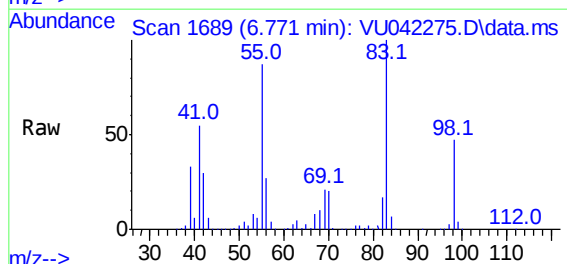
Tgt Ion: 83 Resp: 236470

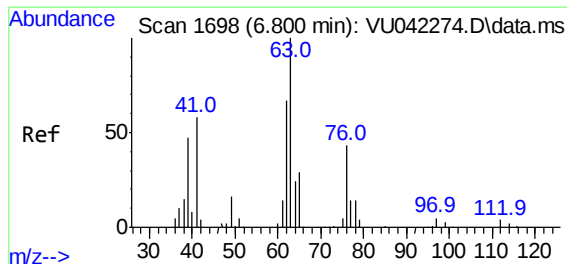
Ion Ratio Lower Upper

83 100

55 84.5 68.6 102.8

98 46.1 37.6 56.4

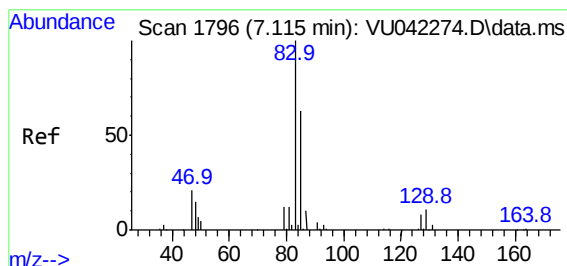
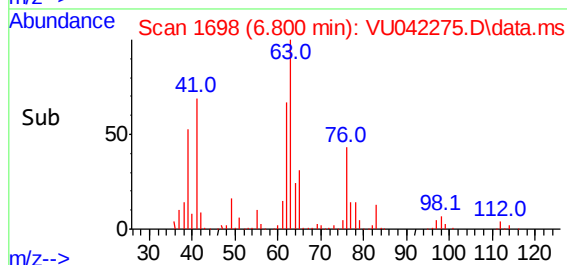
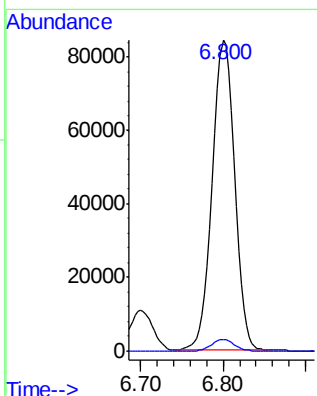
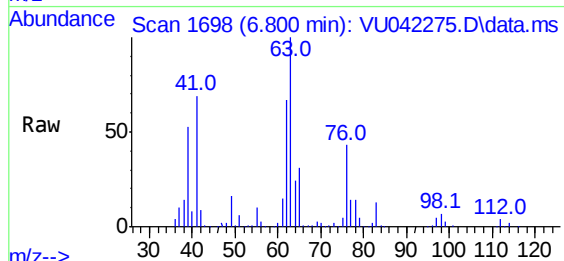




#37
1,2-Dichloropropane
Concen: 93.27 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

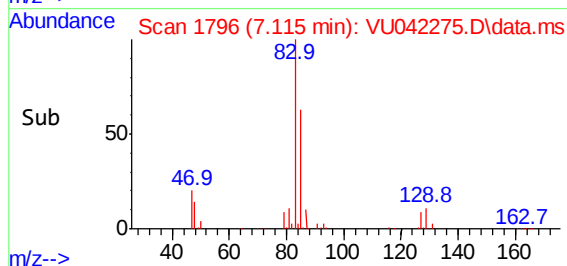
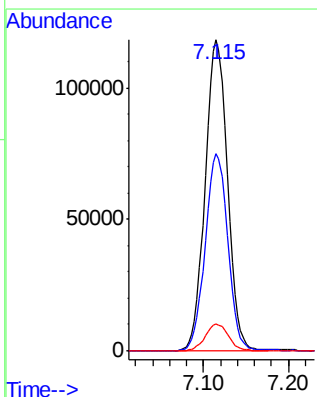
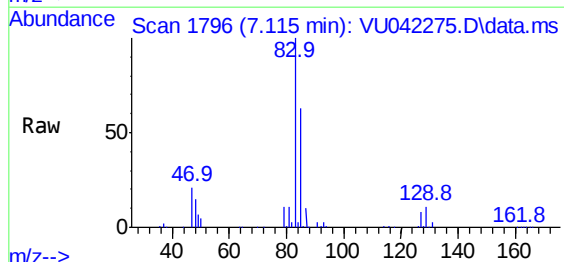
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

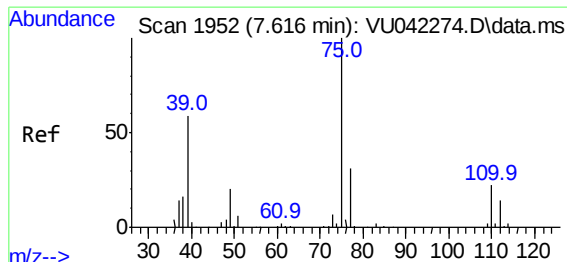
Tgt Ion: 63 Resp: 158408
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 100.95 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 83 Resp: 215362
Ion Ratio Lower Upper
83 100
85 63.2 43.8 81.4
127 8.5 6.8 10.2

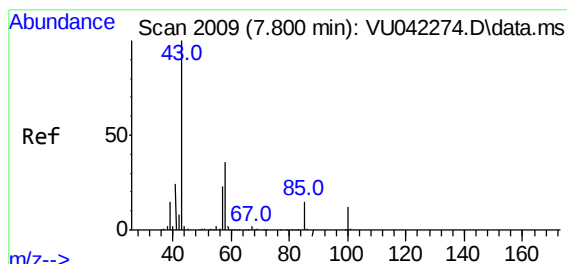
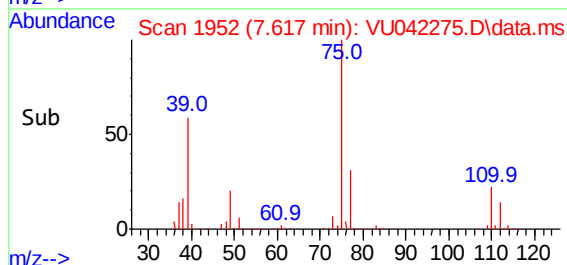
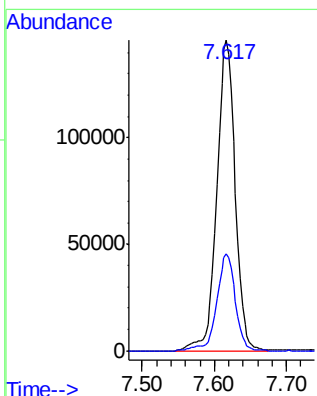
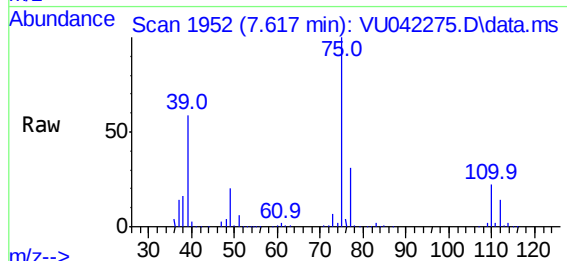




#39
 cis-1,3-Dichloropropene
 Concen: 102.63 ug/L
 RT: 7.617 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042275.D
 Acq: 05 Feb 2021 11:22

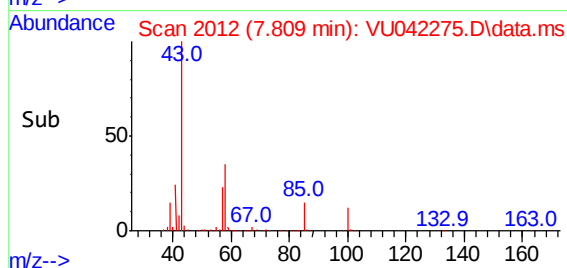
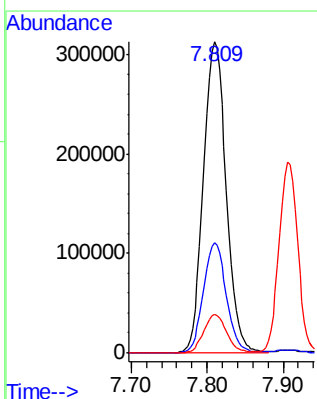
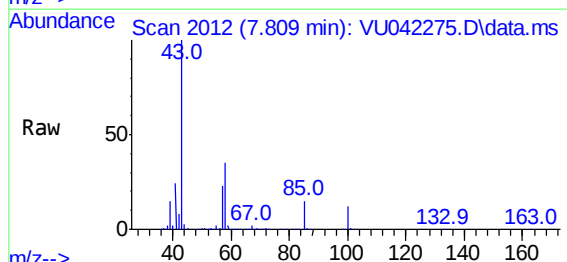
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100305

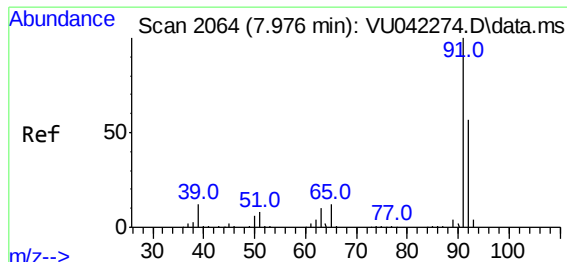
Tgt Ion: 75 Resp: 256870
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 238.11 ug/L
 RT: 7.809 min Scan# 2012
 Delta R.T. 0.010 min
 Lab File: VU042275.D
 Acq: 05 Feb 2021 11:22

Tgt Ion: 43 Resp: 648936
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.7 43.1
 100 12.2 9.7 14.5





#42

Toluene

Concen: 99.79 ug/L

RT: 7.980 min Scan# 2065

Delta R.T. 0.003 min

Lab File: VU042275.D

Acq: 05 Feb 2021 11:22

Instrument :

MSVOA_U

ClientSampleId :

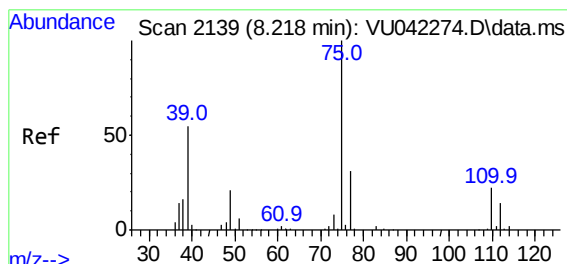
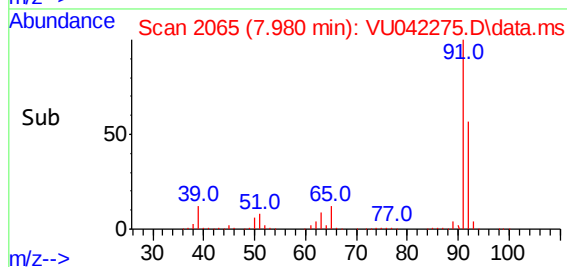
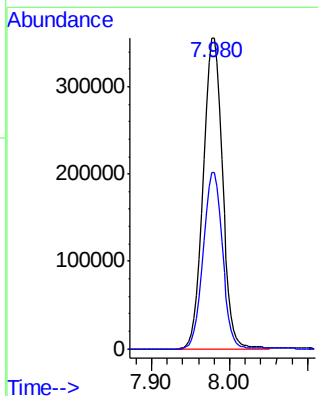
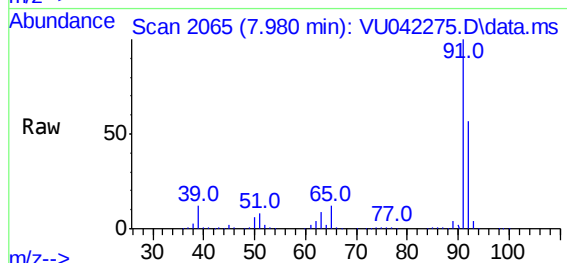
VSTD100305

Tgt Ion: 91 Resp: 612283

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 106.70 ug/L

RT: 8.221 min Scan# 2140

Delta R.T. 0.003 min

Lab File: VU042275.D

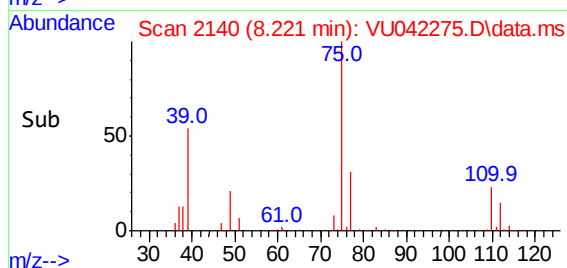
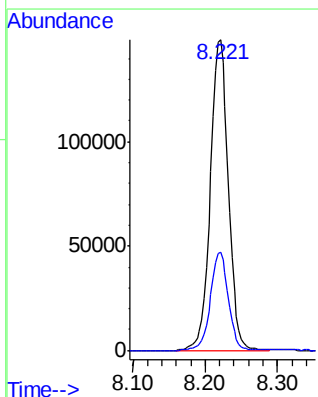
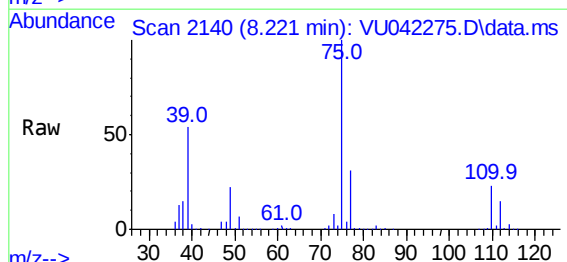
Acq: 05 Feb 2021 11:22

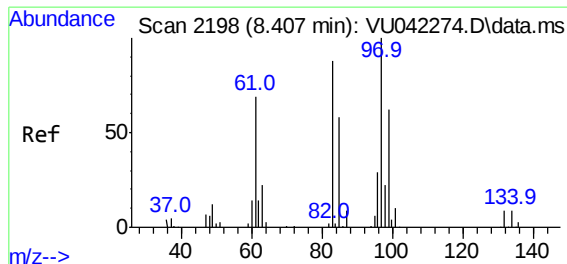
Tgt Ion: 75 Resp: 255776

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.2

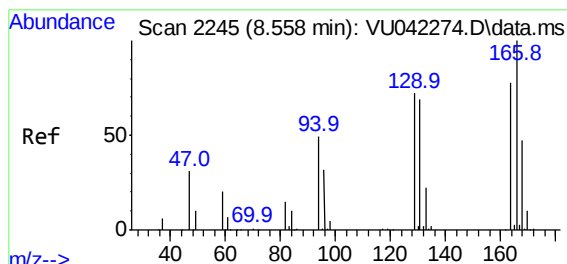
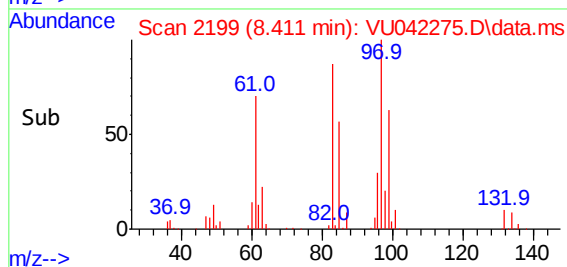
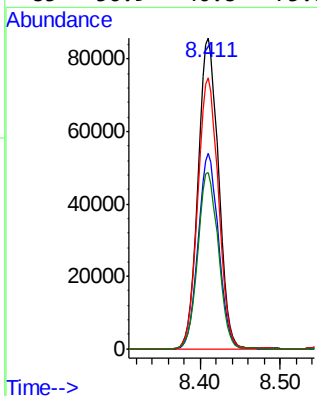
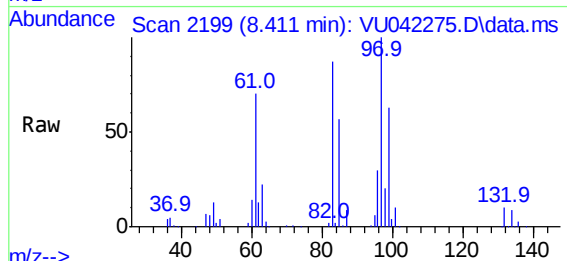




#45
1,1,2-Trichloroethane
Concen: 98.44 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

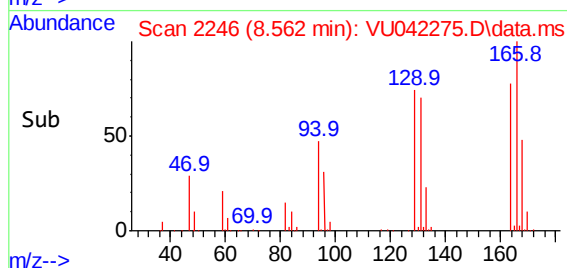
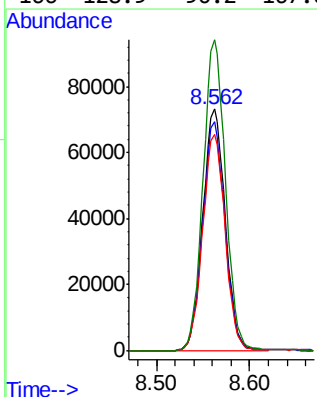
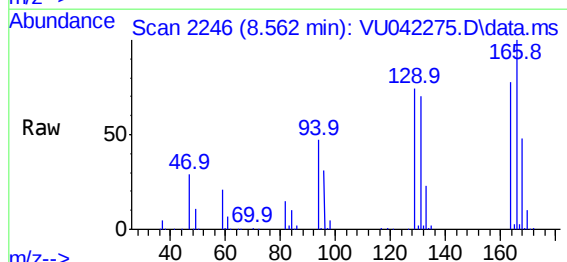
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

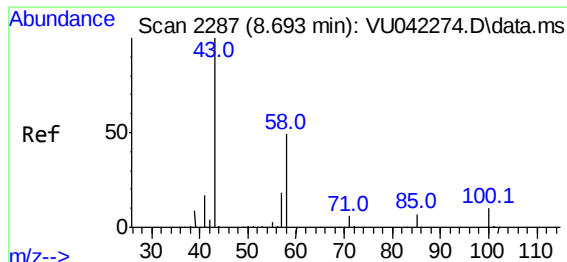
Tgt Ion: 97 Resp: 146187
Ion Ratio Lower Upper
97 100
99 63.0 43.7 81.1
83 87.2 61.7 114.7
85 56.9 40.8 75.8



#46
Tetrachloroethene
Concen: 117.55 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 164 Resp: 122387
Ion Ratio Lower Upper
164 100
129 94.7 65.2 121.2
131 89.8 62.4 115.8
166 128.9 90.2 167.6

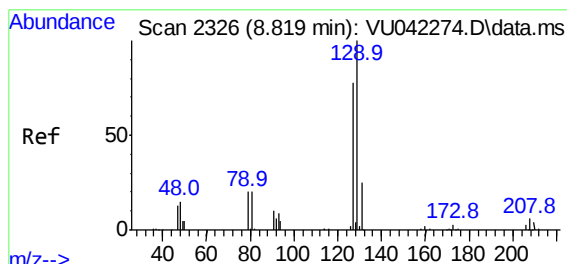
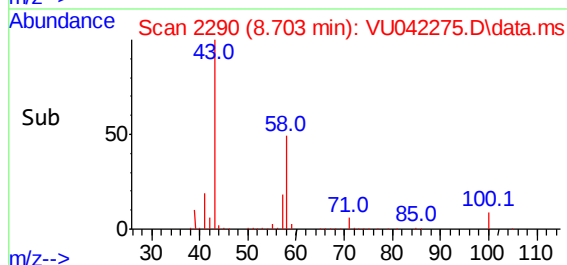
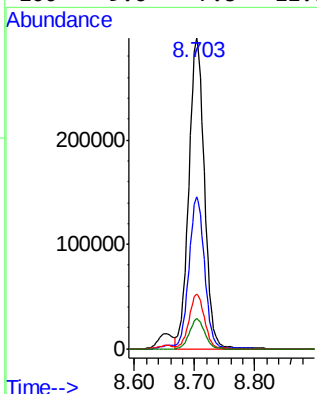
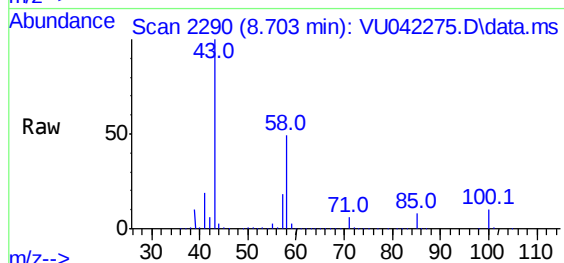




#48
2-Hexanone
Concen: 237.50 ug/L
RT: 8.703 min Scan# 2290
Delta R.T. 0.010 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

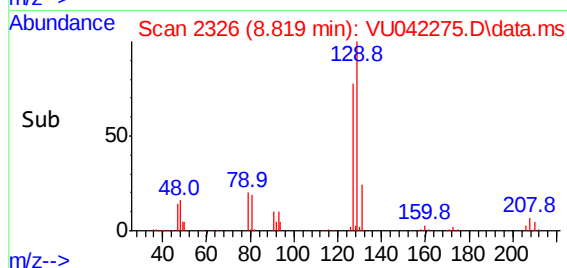
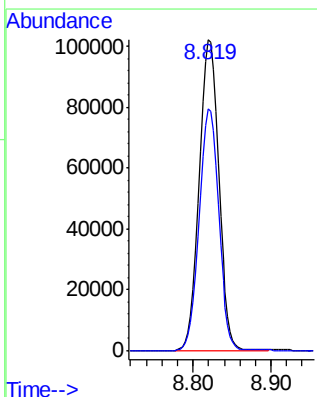
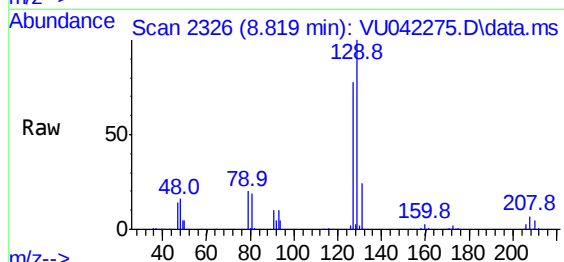
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

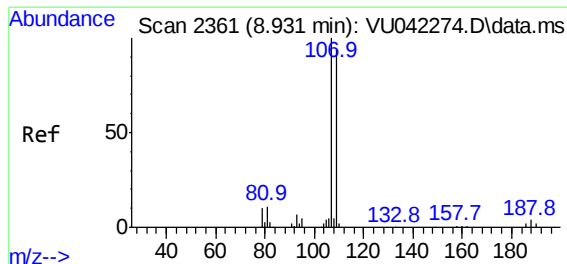
Tgt Ion: 43 Resp: 534672
Ion Ratio Lower Upper
43 100
58 49.0 39.2 58.8
57 17.5 14.4 21.6
100 9.6 7.8 11.6



#49
Dibromochloromethane
Concen: 109.36 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion:129 Resp: 178070
Ion Ratio Lower Upper
129 100
127 77.8 54.7 101.7

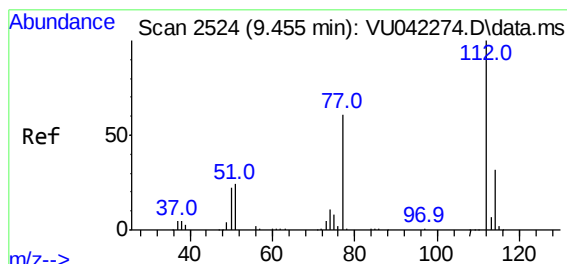
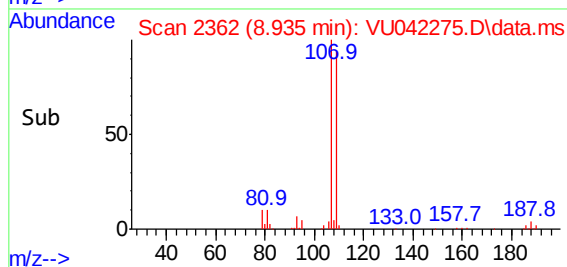
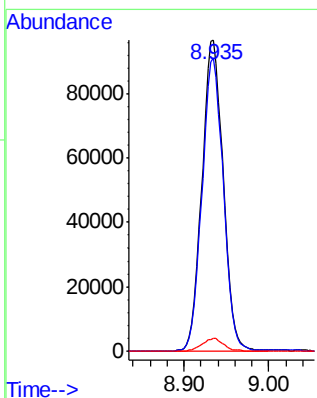
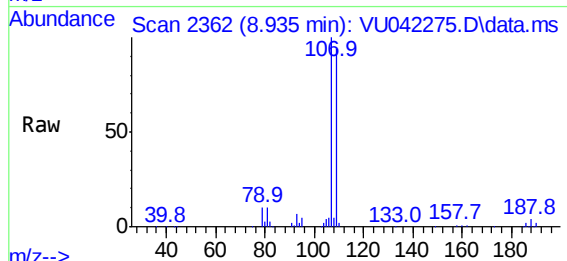




#50
1,2-Dibromoethane
Concen: 104.98 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

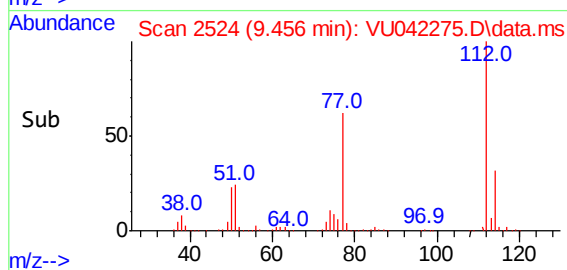
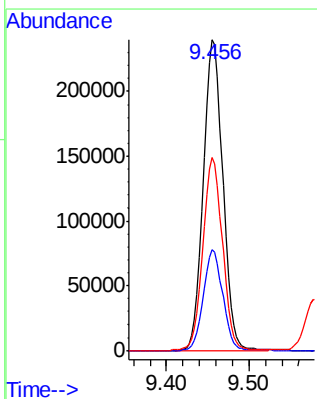
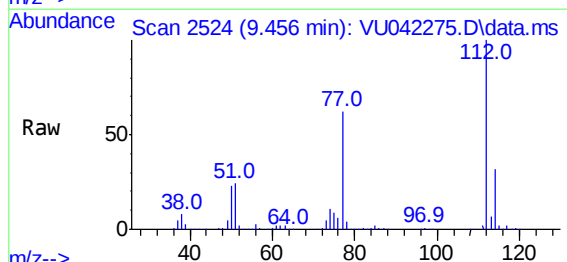
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

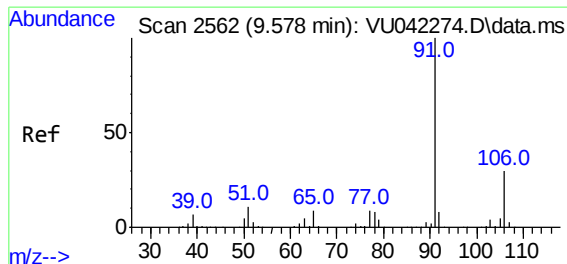
Tgt Ion:107 Resp: 167177
Ion Ratio Lower Upper
107 100
109 94.1 65.7 121.9
188 3.9 3.4 5.0



#51
Chlorobenzene
Concen: 102.74 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion:112 Resp: 394527
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.1
77 62.0 49.4 74.2

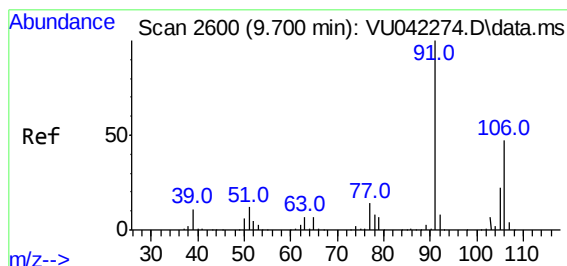
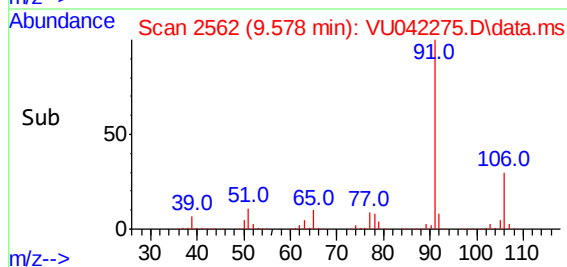
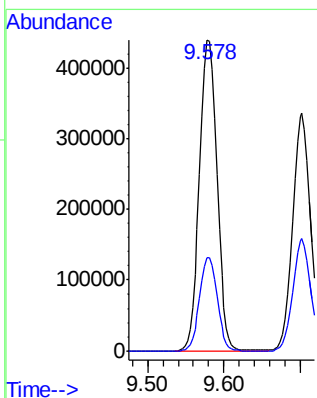
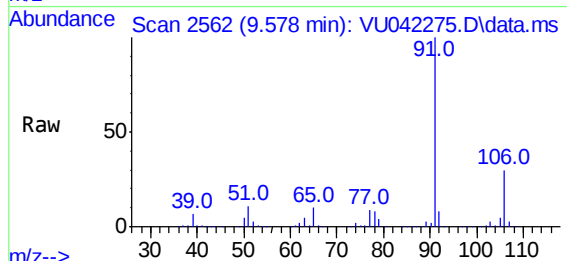




#52
Ethylbenzene
Concen: 105.37 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

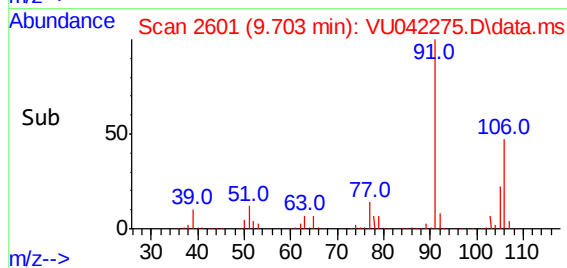
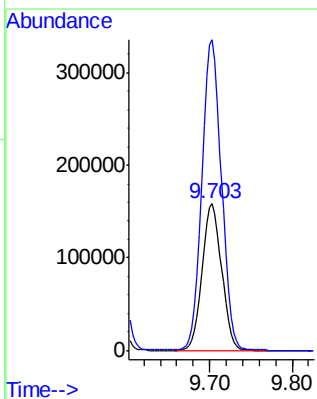
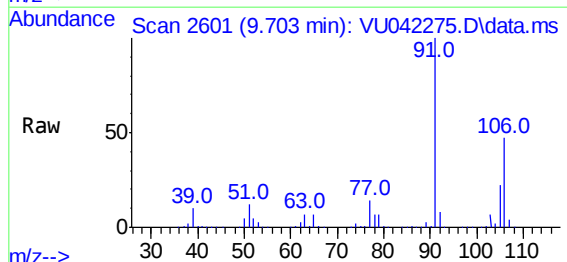
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

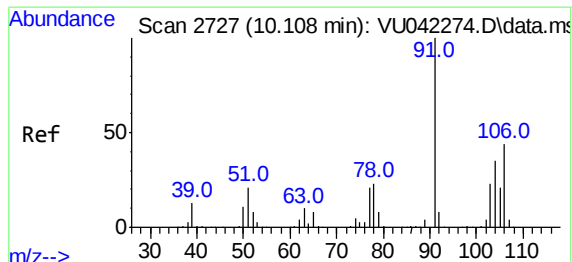
Tgt Ion: 91 Resp: 702738
Ion Ratio Lower Upper
91 100
106 30.1 20.8 38.6



#53
m,p-Xylene
Concen: 107.59 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion:106 Resp: 261114
Ion Ratio Lower Upper
106 100
91 211.6 149.7 277.9

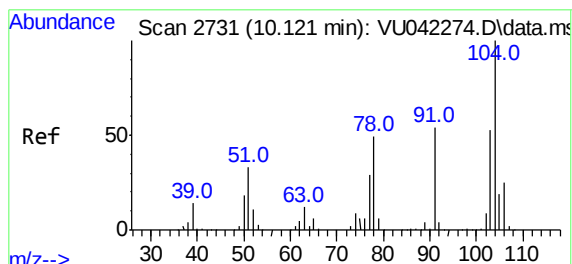
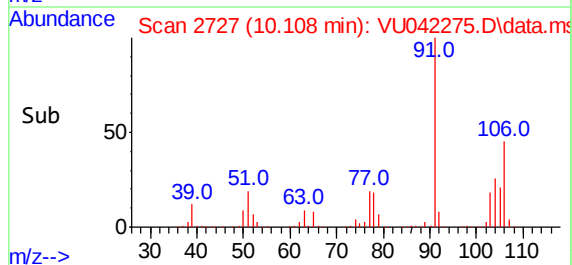
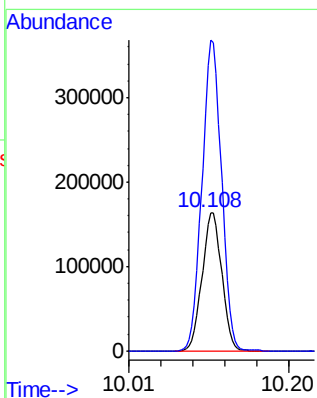
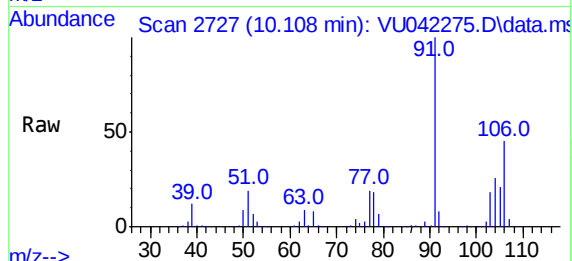




#54
o-xylene
Concen: 111.66 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

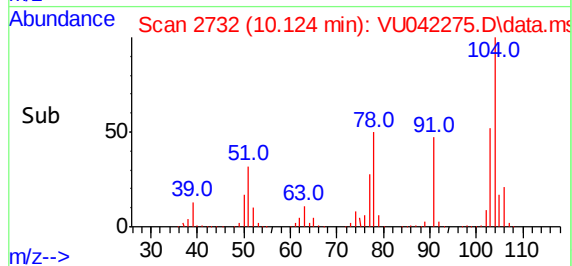
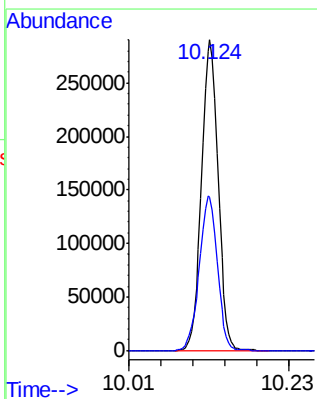
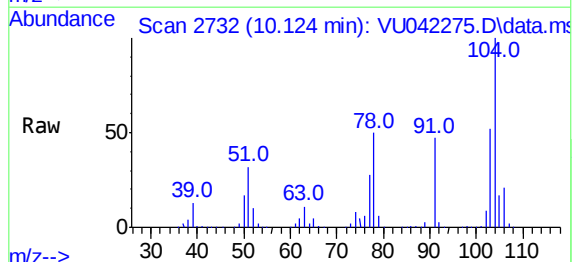
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

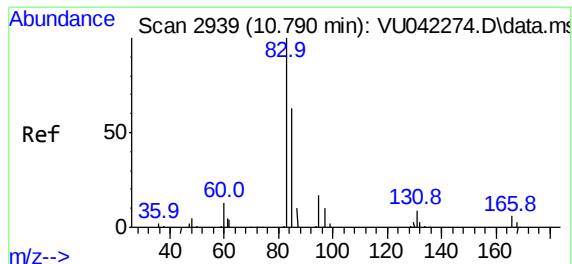
Tgt Ion:106 Resp: 262135
Ion Ratio Lower Upper
106 100
91 224.2 157.4 292.2



#55
Styrene
Concen: 112.79 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion:104 Resp: 464040
Ion Ratio Lower Upper
104 100
78 49.5 34.4 64.0

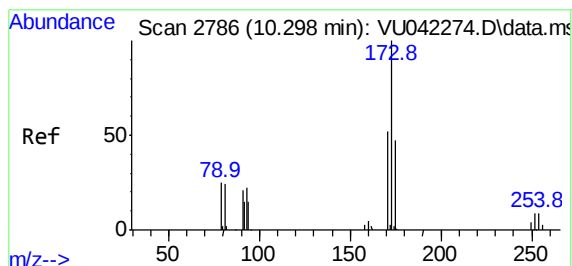
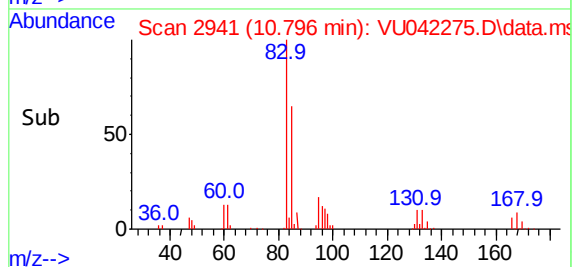
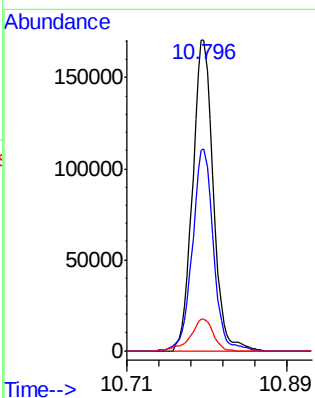
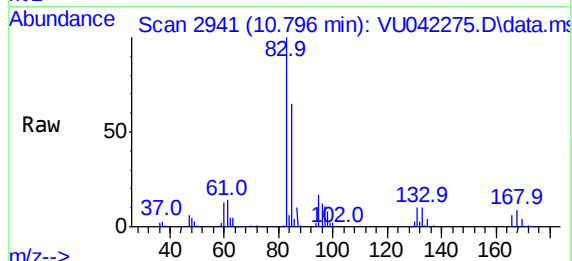




#57
1,1,2,2-Tetrachloroethane
Concen: 100.60 ug/L
RT: 10.796 min Scan# 2941
Delta R.T. 0.007 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

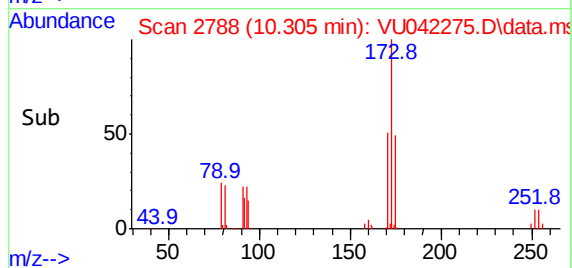
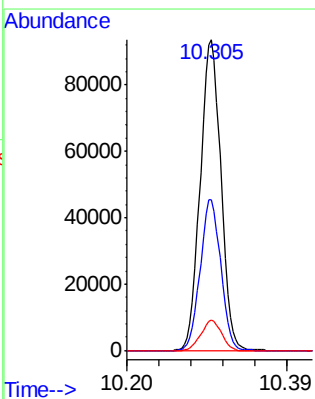
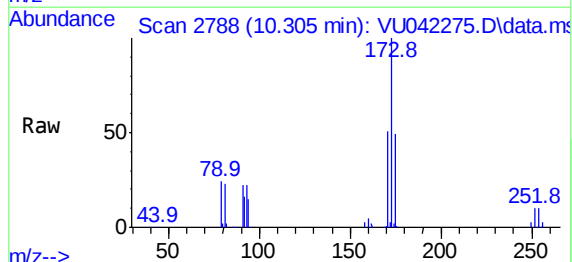
Instrument :
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ClientSampleId :
VSTD100305

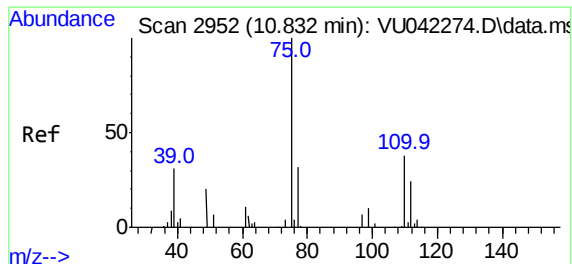
Tgt Ion: 83 Resp: 279053
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.2
131 10.2 8.1 12.1



#59
Bromoform
Concen: 115.53 ug/L
RT: 10.305 min Scan# 2788
Delta R.T. 0.007 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion:173 Resp: 157585
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 9.6 7.4 11.0

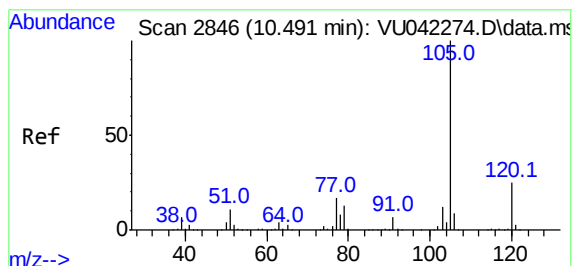
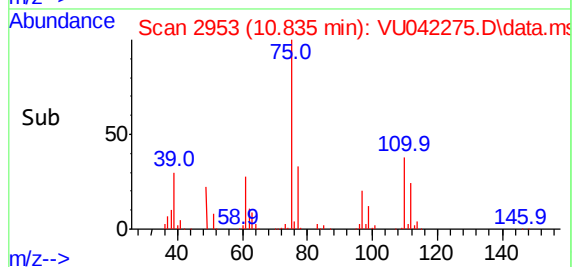
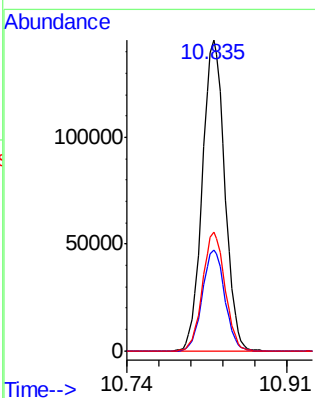
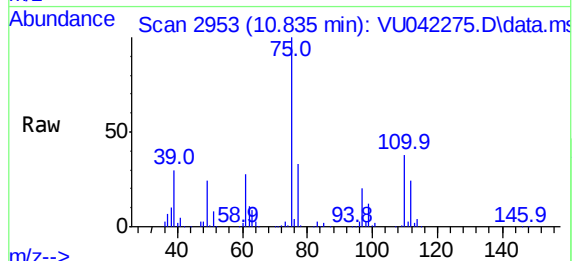




#60
1,2,3-Trichloropropane
Concen: 88.92 ug/L
RT: 10.835 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

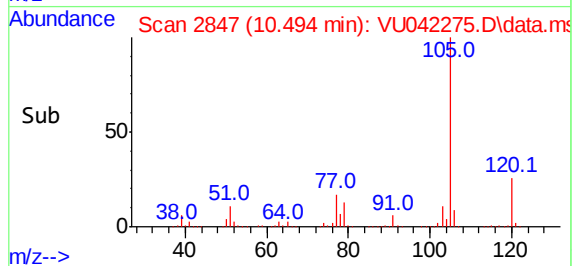
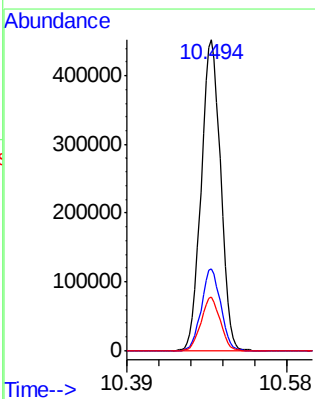
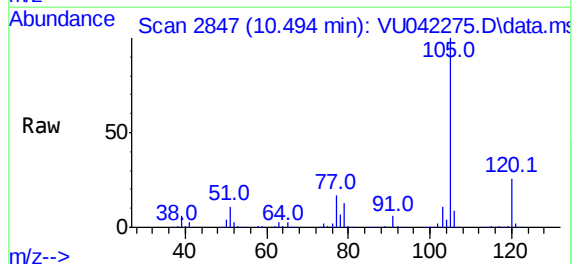
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

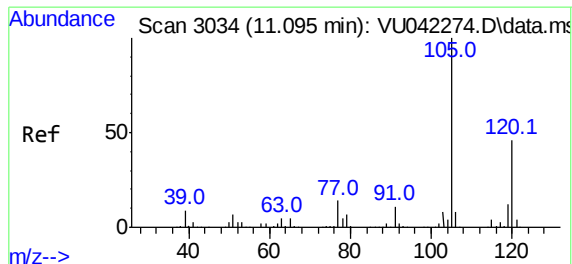
Tgt Ion: 75 Resp: 233209
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2
110 38.1 30.3 45.5



#61
Isopropylbenzene
Concen: 100.07 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 105 Resp: 710951
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7
77 16.9 13.6 20.4



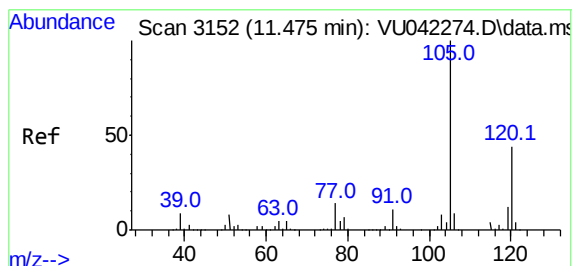
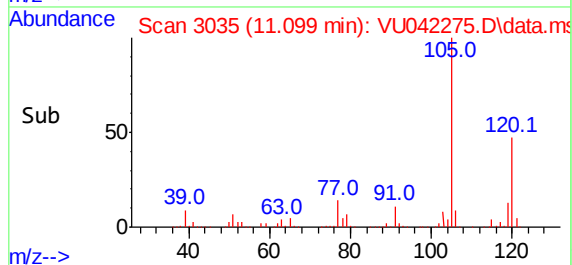
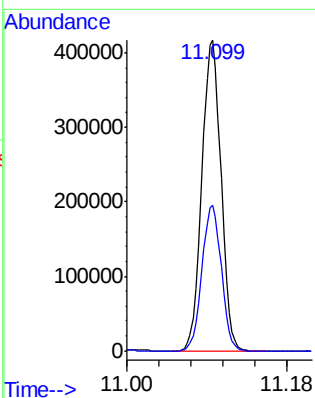
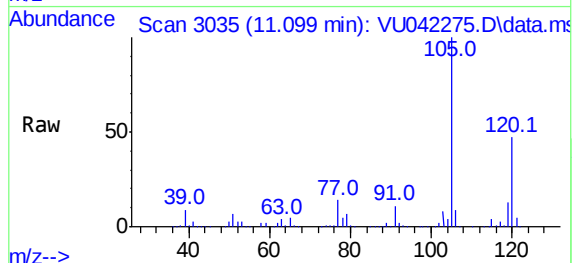


#62
 1,3,5-Trimethylbenzene
 Concen: 104.67 ug/L
 RT: 11.099 min Scan# 3035
 Delta R.T. 0.003 min
 Lab File: VU042275.D
 Acq: 05 Feb 2021 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100305

Tgt Ion:105 Resp: 632453

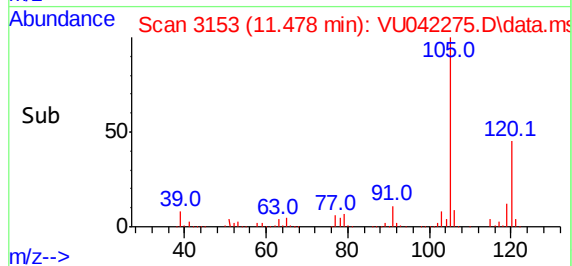
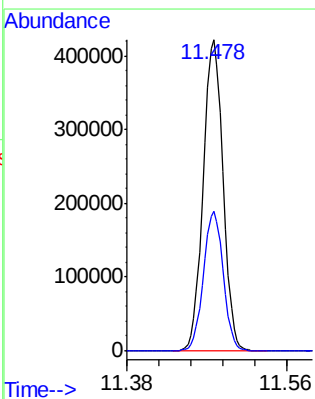
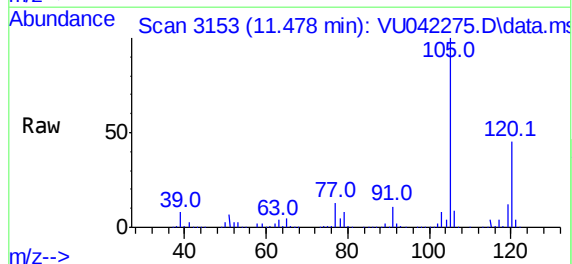
Ion	Ratio	Lower	Upper
105	100		
120	47.1	37.2	55.8

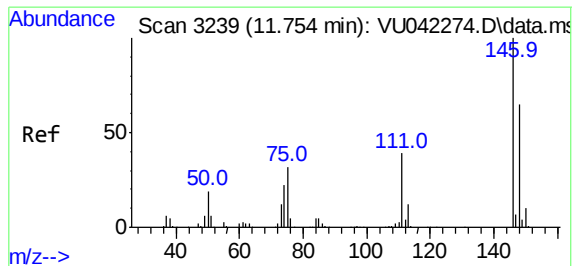


#63
 1,2,4-Trimethylbenzene
 Concen: 105.65 ug/L
 RT: 11.478 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VU042275.D
 Acq: 05 Feb 2021 11:22

Tgt Ion:105 Resp: 636132

Ion	Ratio	Lower	Upper
105	100		
120	44.5	35.2	52.8

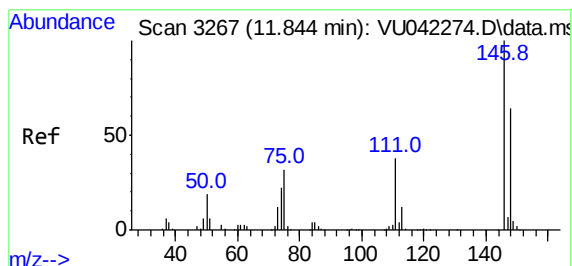
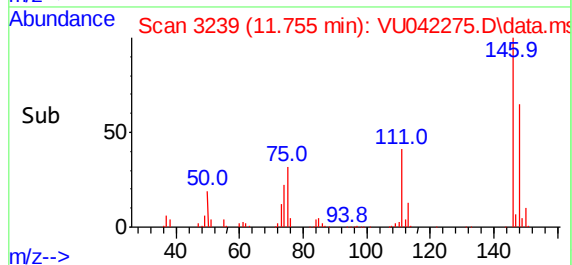
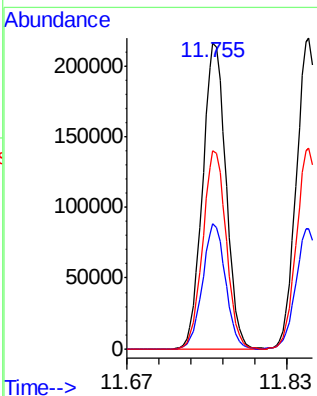
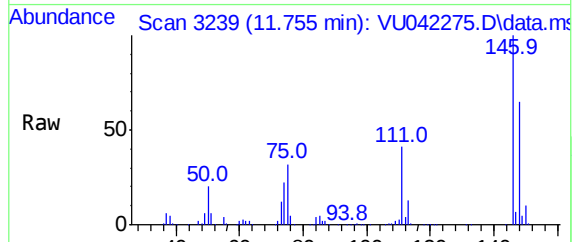




#64
1,3-Dichlorobenzene
Concen: 102.70 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

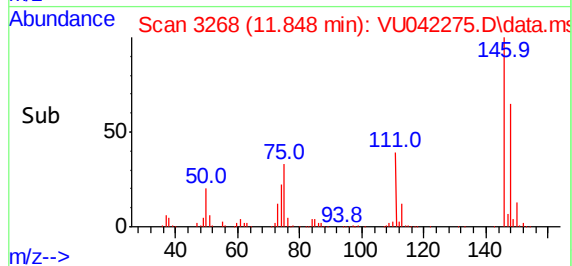
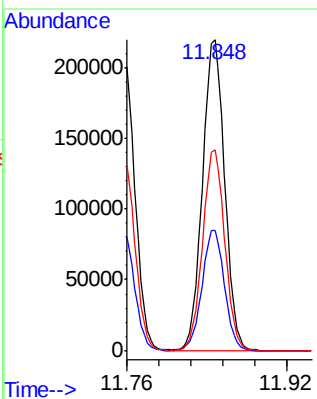
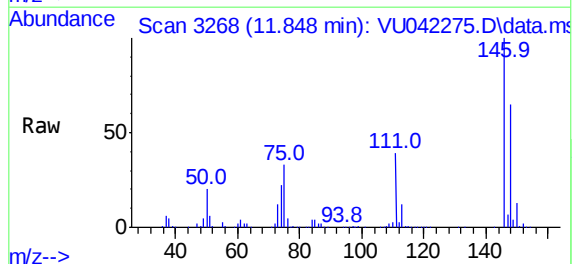
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

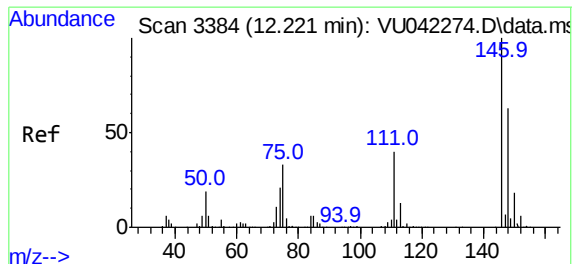
Tgt Ion:146 Resp: 338899
Ion Ratio Lower Upper
146 100
111 40.7 27.6 51.2
148 64.9 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 102.79 ug/L
RT: 11.848 min Scan# 3268
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion:146 Resp: 339177
Ion Ratio Lower Upper
146 100
111 38.6 26.6 49.4
148 64.6 44.6 82.8

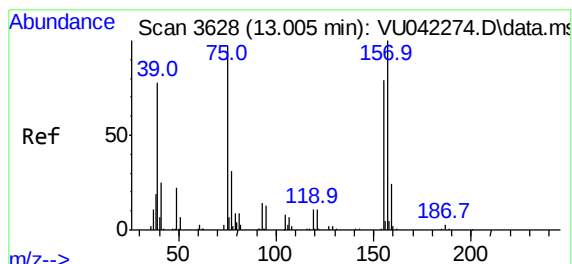
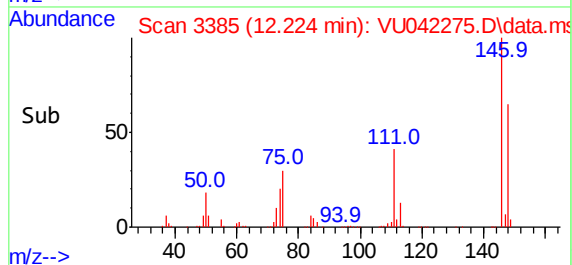
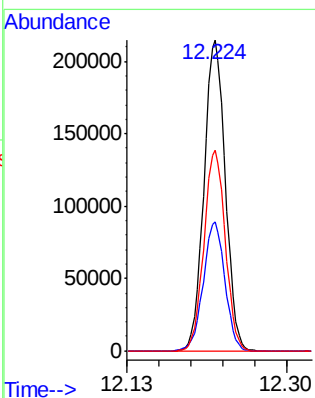
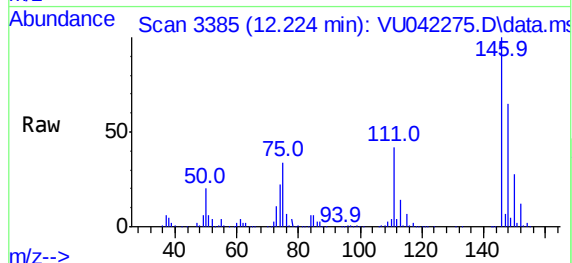




#67
1,2-Dichlorobenzene
Concen: 100.92 ug/L
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

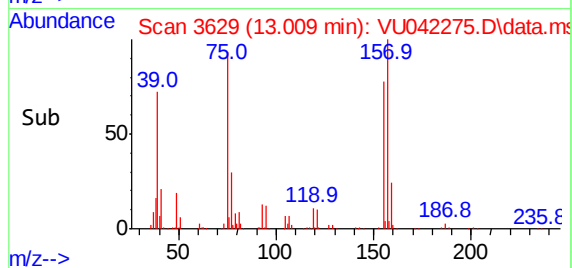
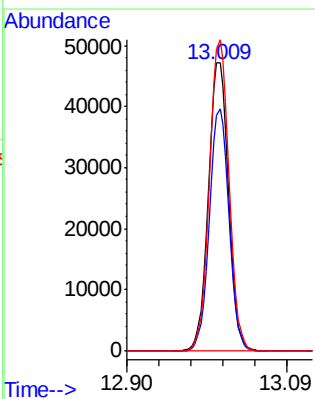
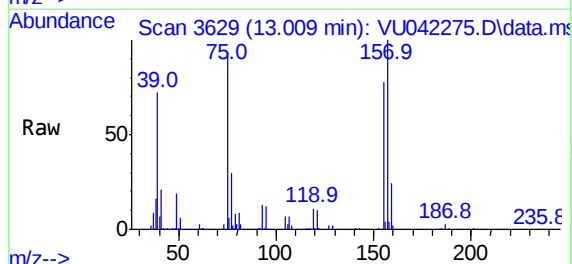
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

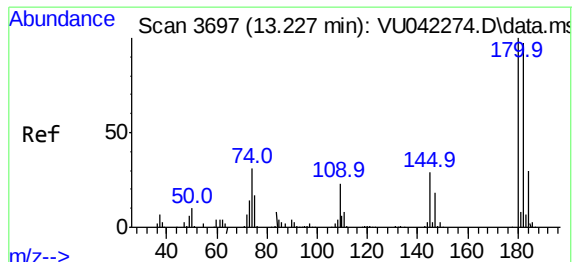
Tgt Ion:146 Resp: 340184
Ion Ratio Lower Upper
146 100
111 41.6 31.9 47.9
148 64.7 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 92.38 ug/L
RT: 13.009 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion: 75 Resp: 76993
Ion Ratio Lower Upper
75 100
155 83.9 65.2 97.8
157 107.8 82.7 124.1

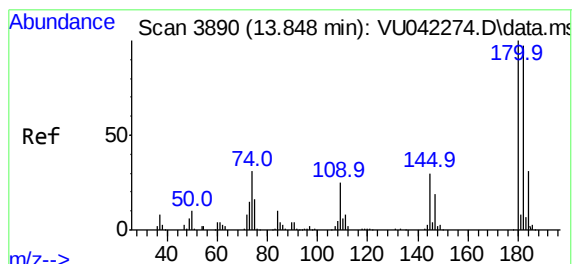
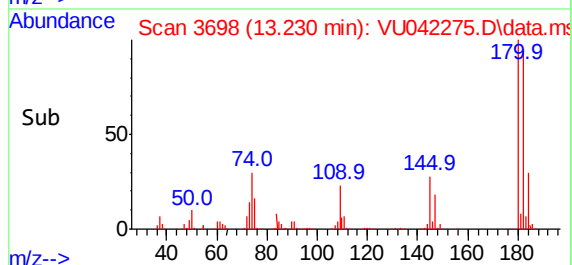
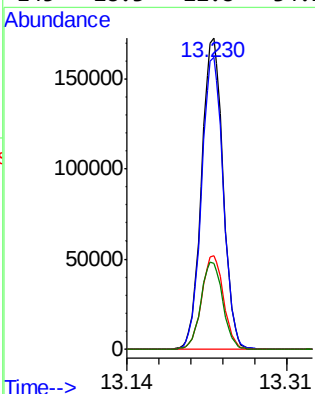
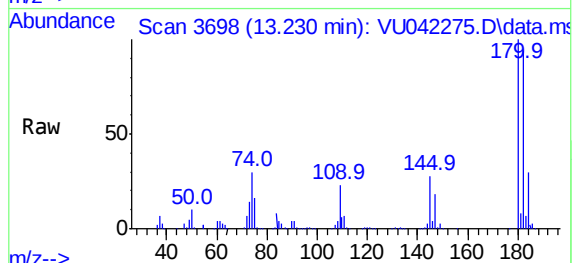




#69
1,3,5-Trichlorobenzene
Concen: 115.44 ug/L
RT: 13.230 min Scan# 3698
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

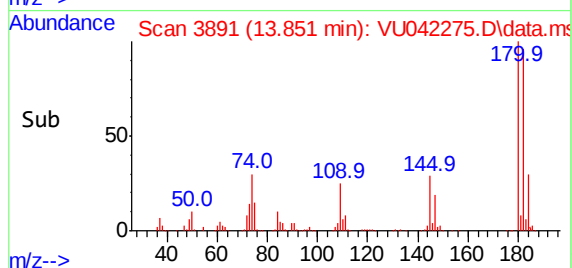
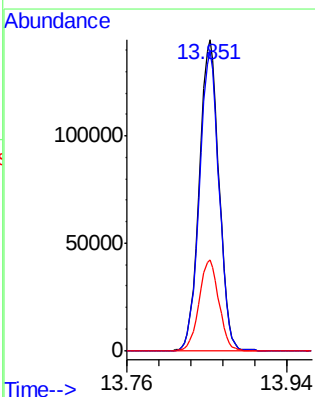
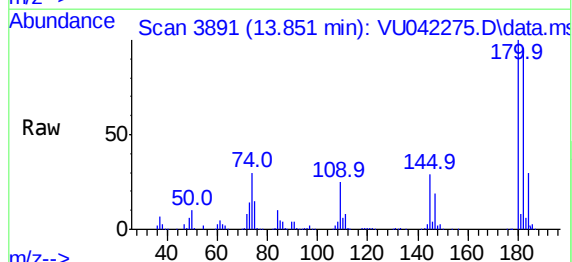
Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

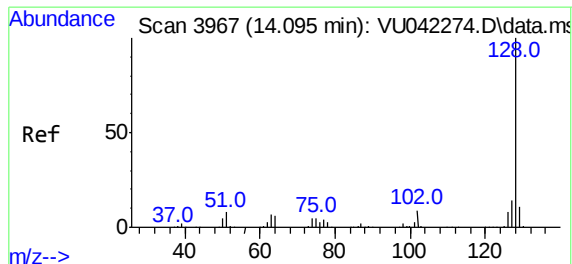
Tgt Ion:180 Resp: 264659
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
184 30.4 24.1 36.1
145 28.3 22.8 34.2



#70
1,2,4-trichlorobenzene
Concen: 125.41 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion:180 Resp: 224392
Ion Ratio Lower Upper
180 100
182 96.0 77.2 115.8
145 29.2 23.7 35.5

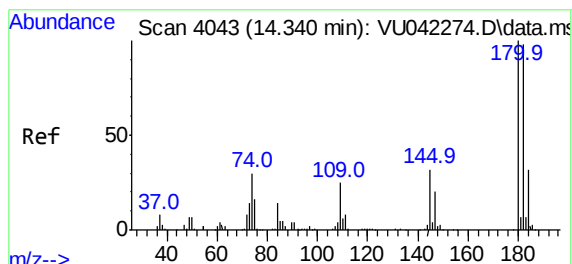
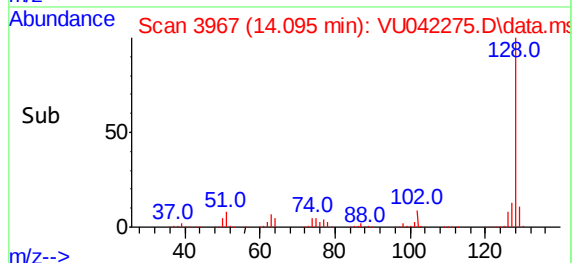
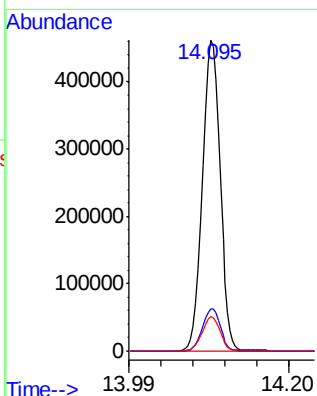
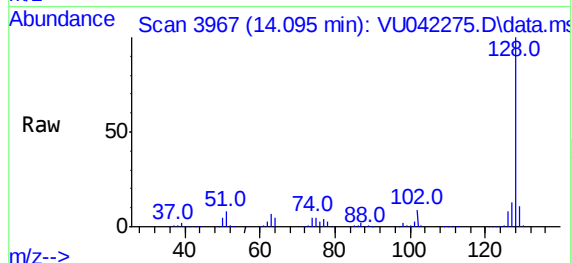




#71
Naphthalene
Concen: 122.63 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD100305

Tgt Ion:128 Resp: 730757
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 124.03 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042275.D
Acq: 05 Feb 2021 11:22

Tgt Ion:180 Resp: 225388
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 30.7 24.6 37.0

