

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042276.D
 Acq On : 05 Feb 2021 11:51
 Operator : SY/MD
 Sample : VSTD20031
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200306

Quant Time: Feb 06 07:03:52 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	193561	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.427	117	188408	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	111248	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.601	65	301080	152.00 ug/L	0.00
7) Chloroethane-d5	1.913	69	179816	115.25 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	652689	194.28 ug/L	0.00
21) 2-Butanone-d5	4.639	46	639946	404.92 ug/L	0.00
24) Chloroform-d	5.073	84	607119	191.77 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	420968	207.40 ug/L	0.00
32) Benzene-d6	5.739	84	1100207	177.22 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	363615	179.35 ug/L	0.00
41) Toluene-d8	7.909	98	1057326	194.50 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	205657	204.15 ug/L	0.00
47) 2-Hexanone-d5	8.649	63	445036	408.43 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.768	84	584252	196.74 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.205	152	464667	201.96 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.389	85	331755	183.36 ug/L	99
3) Chloromethane	1.520	50	299360	147.62 ug/L	100
5) Vinyl chloride	1.607	62	300438	144.72 ug/L	99
6) Bromomethane	1.861	94	162450	129.87 ug/L	98
8) Chloroethane	1.932	64	145501	114.88 ug/L	100
9) Trichlorofluoromethane	2.138	101	457130	170.37 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	274722	183.49 ug/L	99
12) 1,1-Dichloroethene	2.582	96	257946	180.21 ug/L	84
13) Acetone	2.646	43	494946	362.29 ug/L	99
14) Carbon disulfide	2.797	76	777602	170.63 ug/L	99
15) Methyl Acetate	2.958	43	431933	205.91 ug/L	99
16) Methylene chloride	3.051	84	286645	174.05 ug/L	98
17) trans-1,2-Dichloroethene	3.360	96	266892	177.39 ug/L	96
18) Methyl tert-butyl Ether	3.373	73	965467	195.02 ug/L	100
19) 1,1-Dichloroethane	3.877	63	549275	183.78 ug/L	99
20) cis-1,2-Dichloroethene	4.675	96	300777	184.78 ug/L	99
22) 2-Butanone	4.720	43	706197	398.91 ug/L	99
23) Bromochloromethane	4.987	128	159071	201.57 ug/L	98
25) Chloroform	5.099	83	557553	186.99 ug/L	99
27) 1,2-Dichloroethane	5.803	62	484088	206.02 ug/L	99
29) Cyclohexane	5.398	56	496595	184.22 ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	513691	187.62 ug/L	99
31) Carbon tetrachloride	5.533	117	451059	198.38 ug/L	99
33) Benzene	5.784	78	1135793	172.77 ug/L	100
34) Trichloroethene	6.549	95	304461	183.56 ug/L	99
35) Methylcyclohexane	6.771	83	466475	191.46 ug/L	98
37) 1,2-Dichloropropane	6.800	63	318285	178.81 ug/L	100
38) Bromodichloromethane	7.115	83	439503	196.56 ug/L	98
39) cis-1,3-Dichloropropene	7.617	75	524054	199.77 ug/L	99
40) 4-Methyl-2-pentanone	7.806	43	1315073	460.38 ug/L	99
42) Toluene	7.980	91	1249652	194.31 ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	526032	209.36 ug/L	100
45) 1,1,2-Trichloroethane	8.411	97	297676	191.24 ug/L	99

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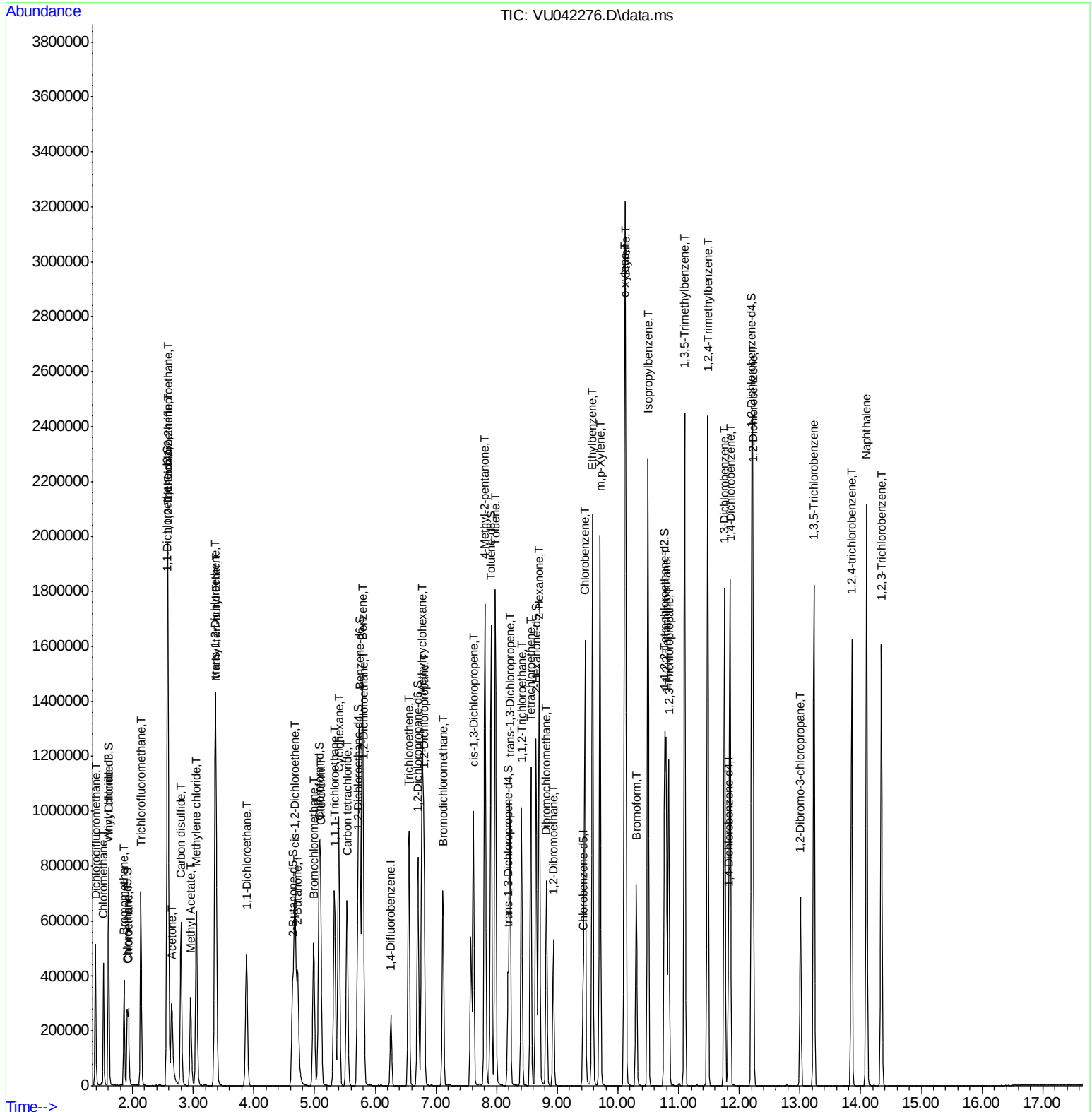
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	8.562	164	249904	229.01	ug/L	98
48) 2-Hexanone	8.700	43	1070156	453.52	ug/L	100
49) Dibromochloromethane	8.819	129	365098	213.93	ug/L	99
50) 1,2-Dibromoethane	8.935	107	336101	201.36	ug/L	99
51) Chlorobenzene	9.456	112	802066	199.28	ug/L	100
52) Ethylbenzene	9.578	91	1417664	202.81	ug/L	99
53) m,p-Xylene	9.703	106	528697	207.83	ug/L	99
54) o-xylene	10.109	106	523931	212.92	ug/L	99
55) Styrene	10.125	104	924604	214.41	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	574054	197.45	ug/L	100
59) Bromoform	10.301	173	327245	223.95	ug/L	100
60) 1,2,3-Trichloropropane	10.835	75	475391	169.20	ug/L	99
61) Isopropylbenzene	10.494	105	1416150	186.06	ug/L	99
62) 1,3,5-Trimethylbenzene	11.099	105	1263531	195.20	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	1292176	200.32	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	698636	197.61	ug/L	99
65) 1,4-Dichlorobenzene	11.848	146	703027	198.87	ug/L	100
67) 1,2-Dichlorobenzene	12.224	146	705088	195.24	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.006	75	164685	184.43	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	562659	229.09	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	494558	257.99	ug/L	99
71) Naphthalene	14.096	128	1594786	249.80	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	483260	248.23	ug/L	100

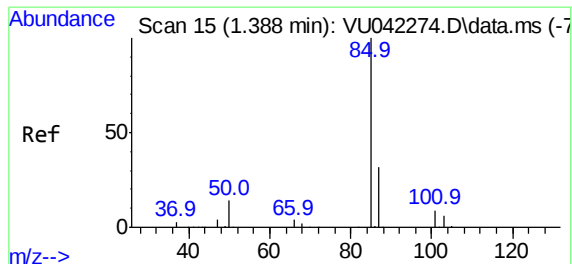
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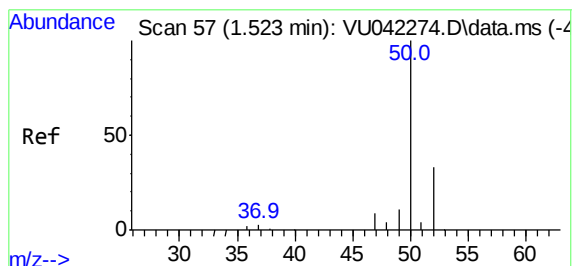
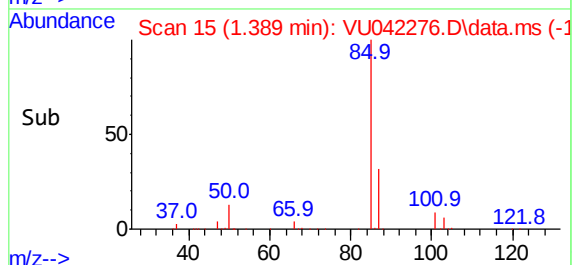
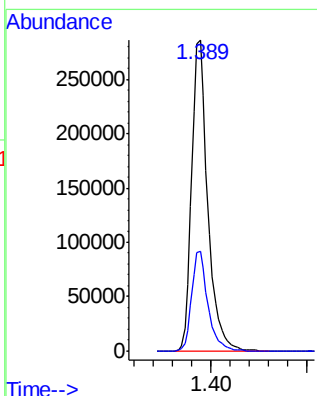
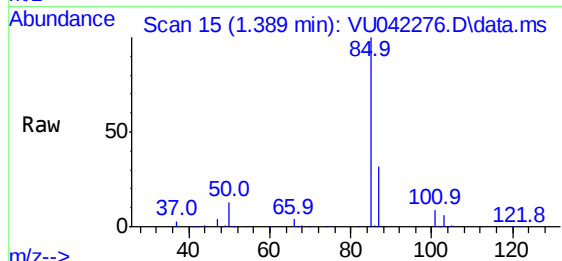




#2
Dichlorodifluoromethane
Concen: 183.36 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

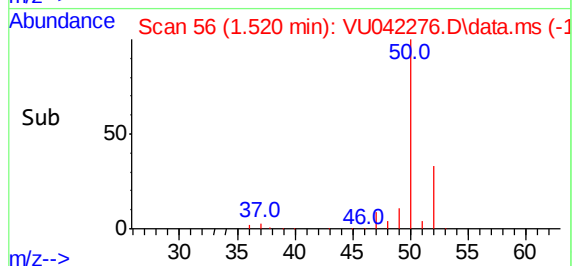
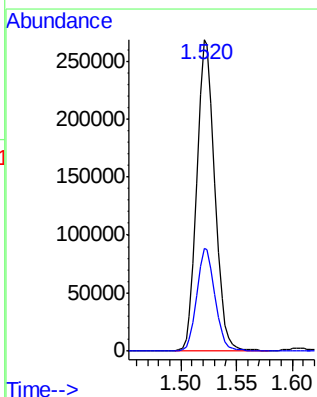
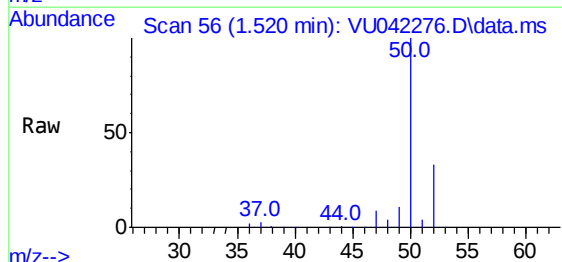
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

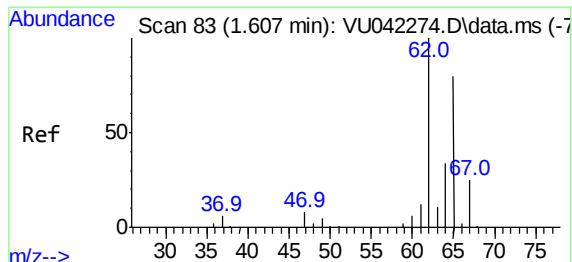
Tgt Ion: 85 Resp: 331755
Ion Ratio Lower Upper
85 100
87 32.1 25.4 38.2



#3
Chloromethane
Concen: 147.62 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 50 Resp: 299360
Ion Ratio Lower Upper
50 100
52 32.8 22.8 42.4

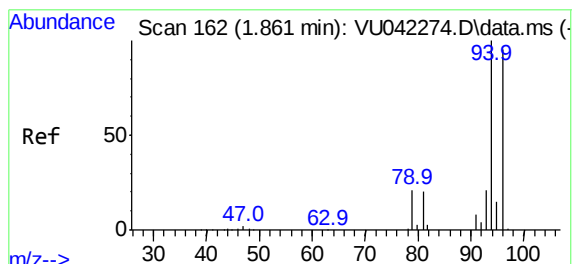
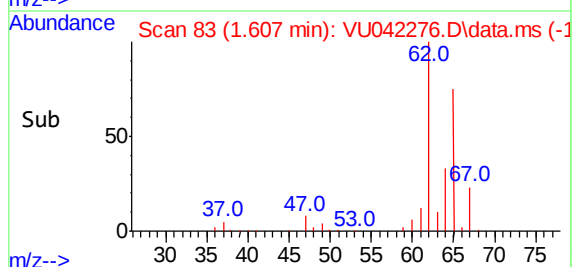
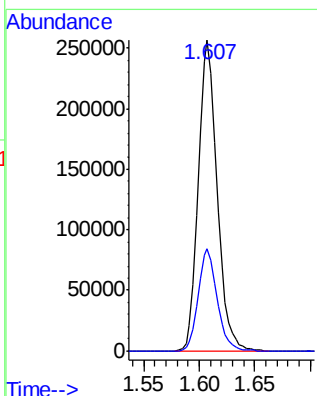
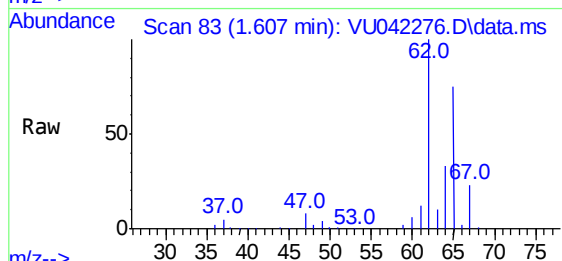




#5
 Vinyl chloride
 Concen: 144.72 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

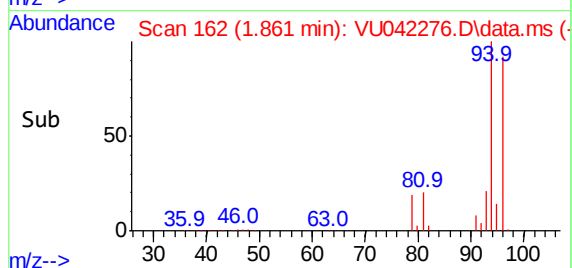
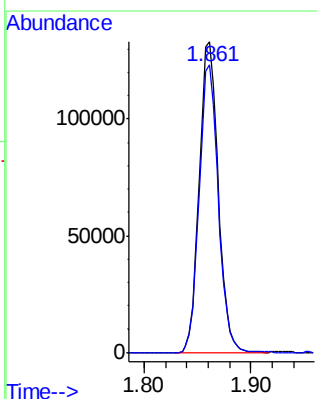
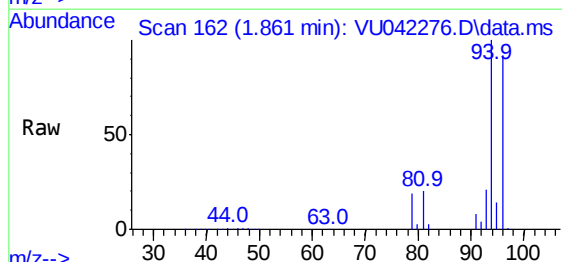
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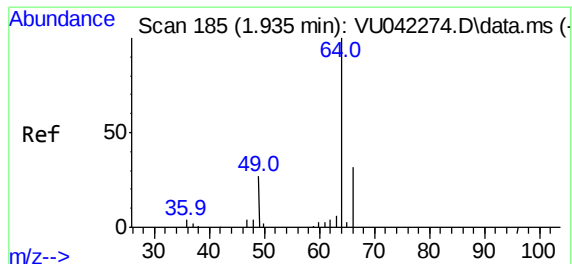
Tgt Ion: 62 Resp: 300438
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.6 43.8



#6
 Bromomethane
 Concen: 129.87 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

Tgt Ion: 94 Resp: 162450
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.3 123.1

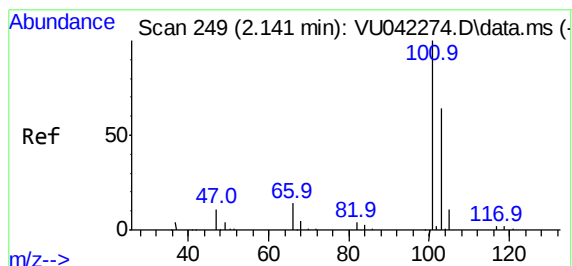
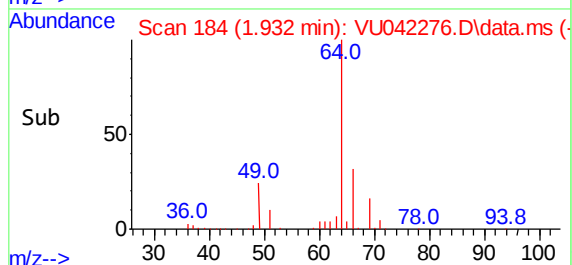
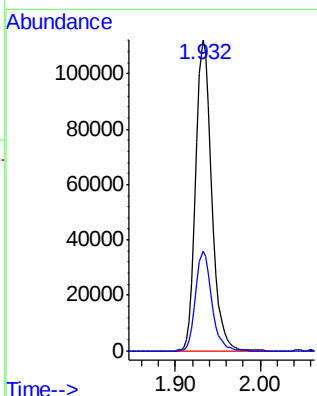
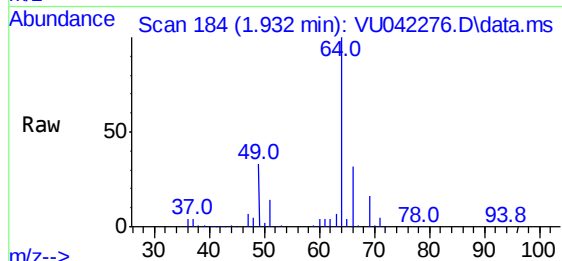




#8
Chloroethane
Concen: 114.88 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

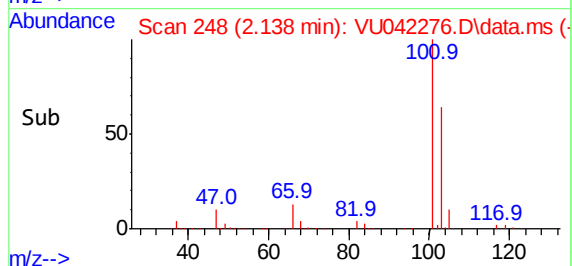
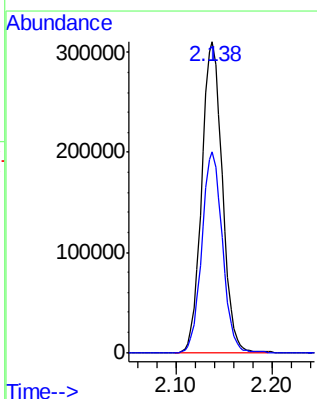
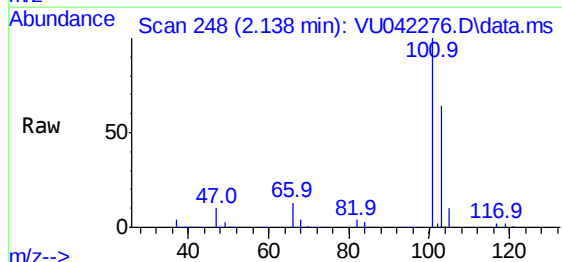
Instrument :
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ClientSampleId :
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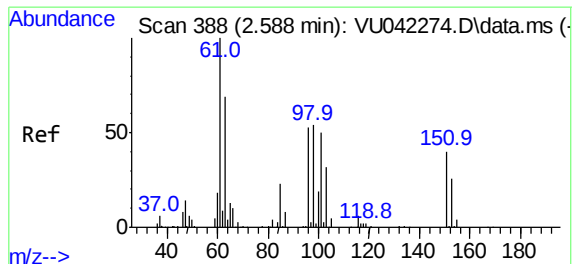
Tgt Ion: 64 Resp: 145501
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 170.37 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion:101 Resp: 457130
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0



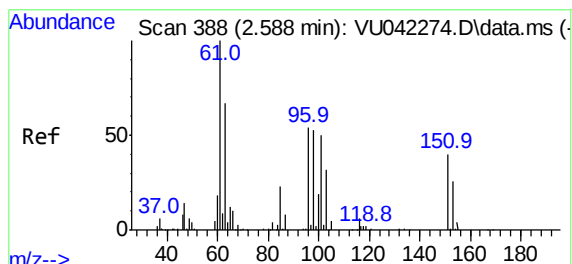
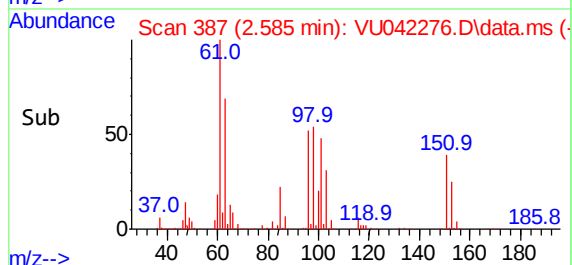
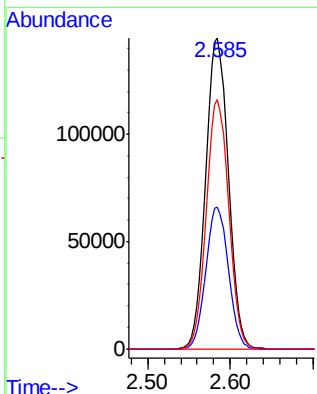
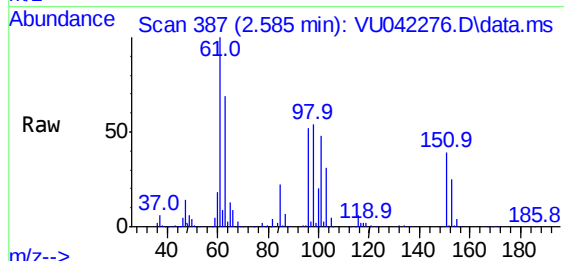


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 183.49 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200306

Tgt Ion:101 Resp: 274722

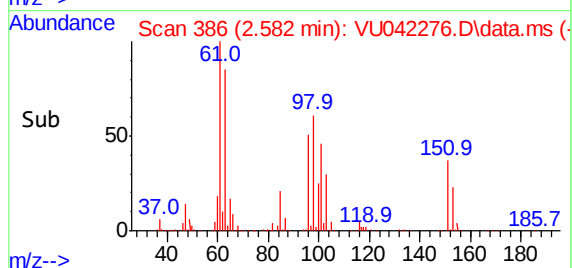
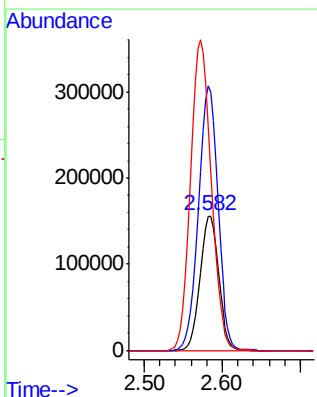
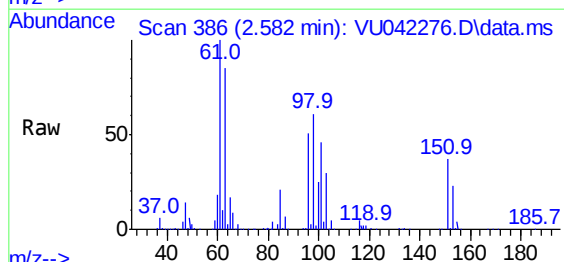
Ion	Ratio	Lower	Upper
101	100		
85	45.2	36.7	55.1
151	79.1	62.9	94.3

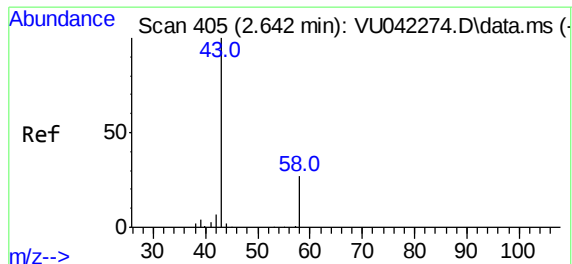


#12
 1,1-Dichloroethene
 Concen: 180.21 ug/L
 RT: 2.582 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

Tgt Ion: 96 Resp: 257946

Ion	Ratio	Lower	Upper
96	100		
61	196.9	131.6	244.4
63	166.4	92.6	172.0

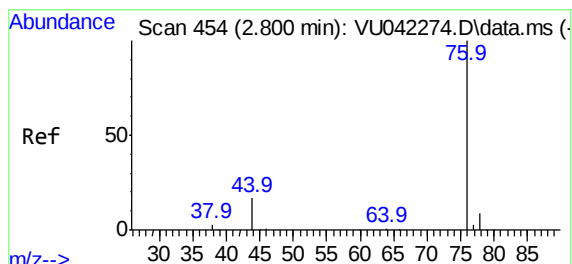
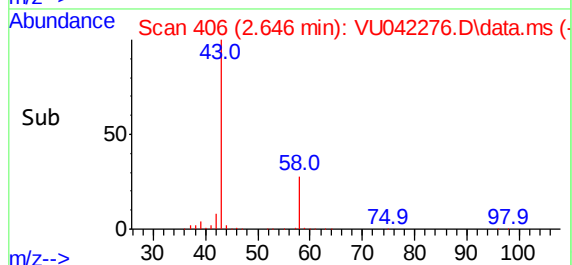
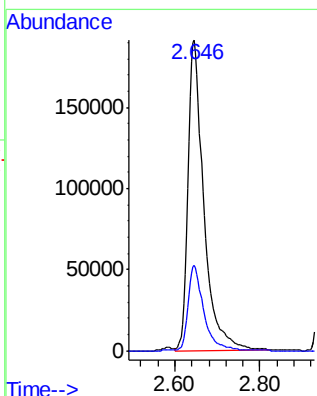
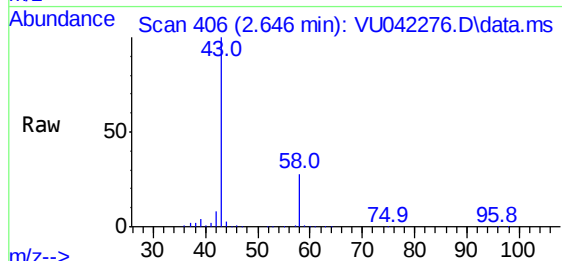




#13
Acetone
Concen: 362.29 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

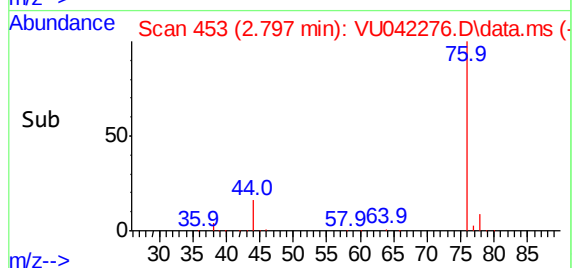
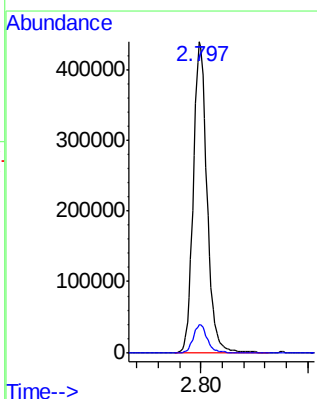
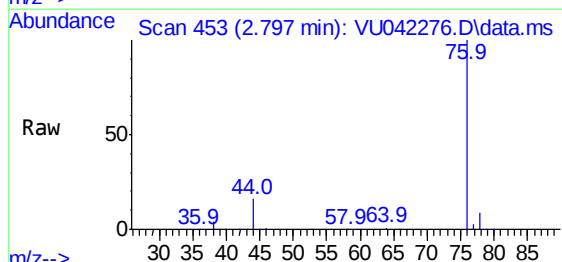
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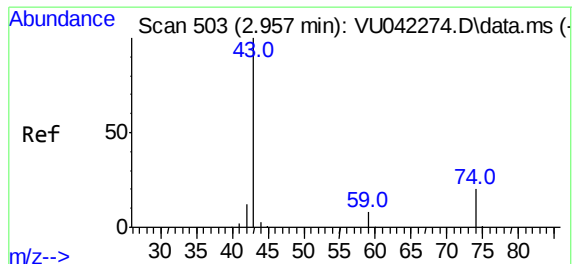
Tgt Ion: 43 Resp: 494946
Ion Ratio Lower Upper
43 100
58 27.6 0.0 54.0



#14
Carbon disulfide
Concen: 170.63 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 76 Resp: 777602
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

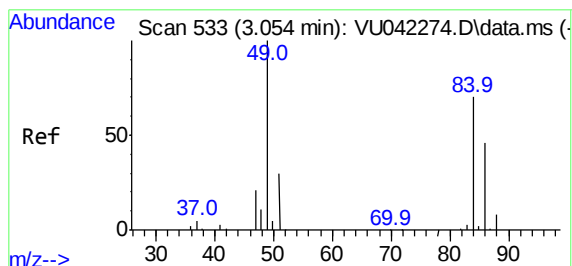
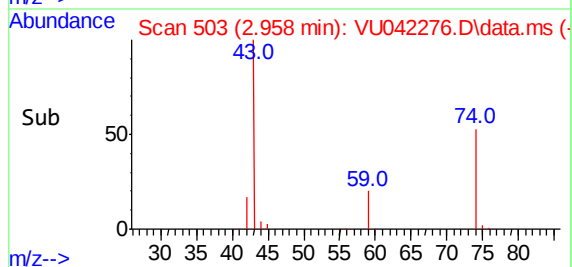
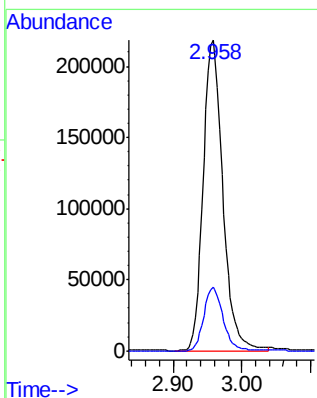
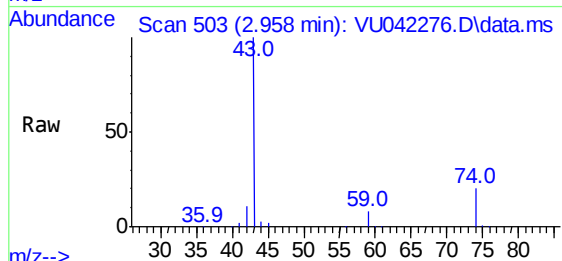




#15
Methyl Acetate
Concen: 205.91 ug/L
RT: 2.958 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

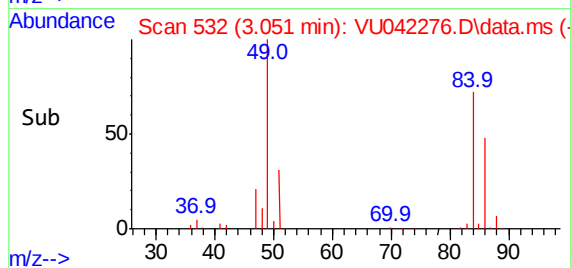
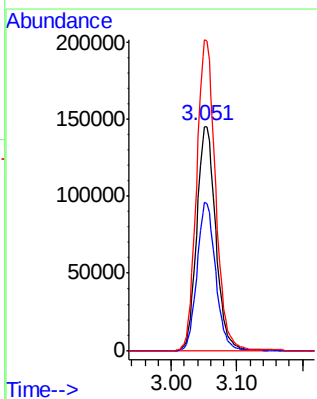
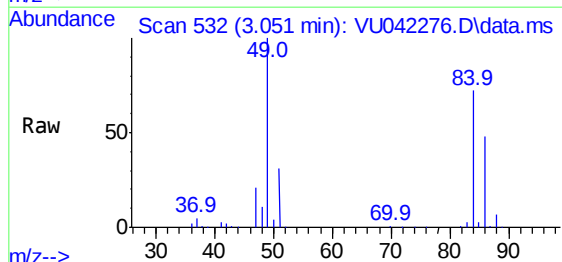
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

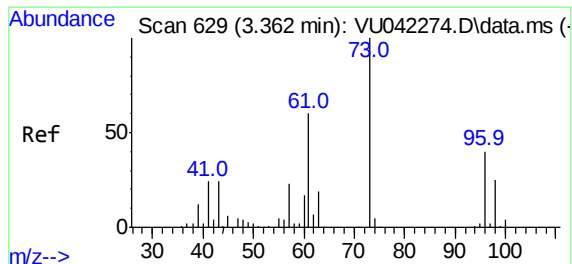
Tgt Ion: 43 Resp: 431933
Ion Ratio Lower Upper
43 100
74 20.1 15.8 23.6



#16
Methylene chloride
Concen: 174.05 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 84 Resp: 286645
Ion Ratio Lower Upper
84 100
86 66.1 46.0 85.4
49 138.8 99.5 184.9

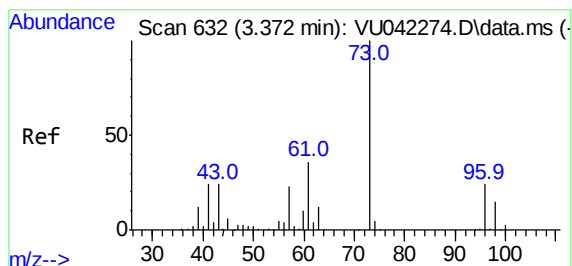
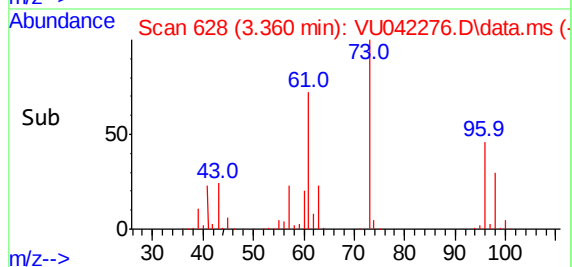
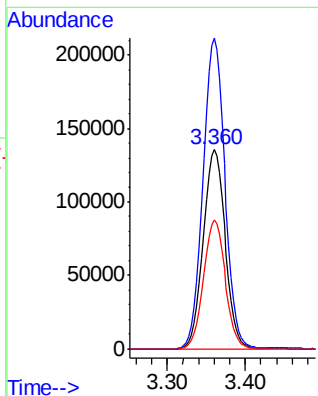
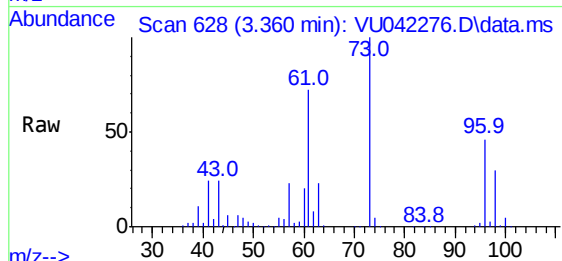




#17
trans-1,2-Dichloroethene
Concen: 177.39 ug/L
RT: 3.360 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

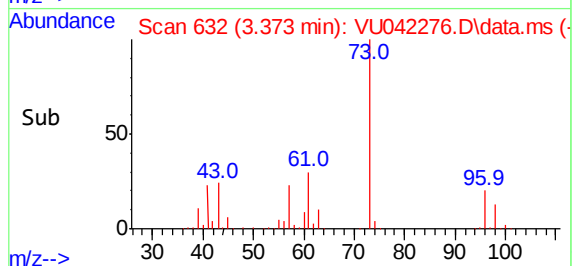
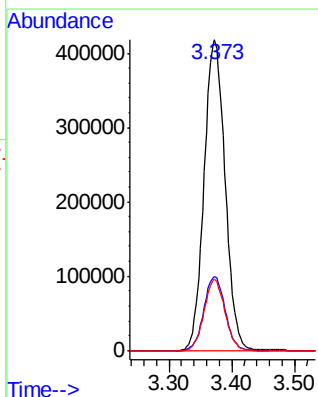
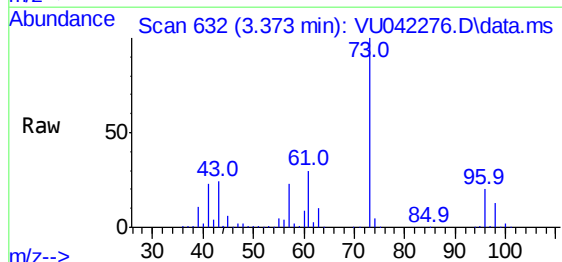
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

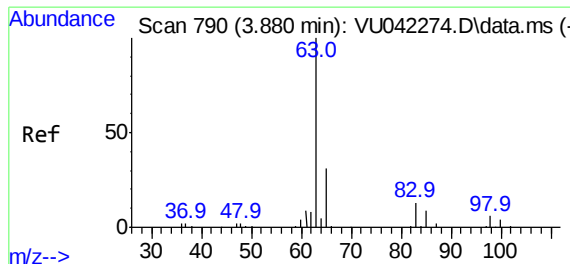
Tgt Ion: 96 Resp: 266892
Ion Ratio Lower Upper
96 100
61 156.0 104.6 194.2
98 64.6 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 195.02 ug/L
RT: 3.373 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 73 Resp: 965467
Ion Ratio Lower Upper
73 100
43 23.9 19.4 29.0
57 22.6 18.2 27.2

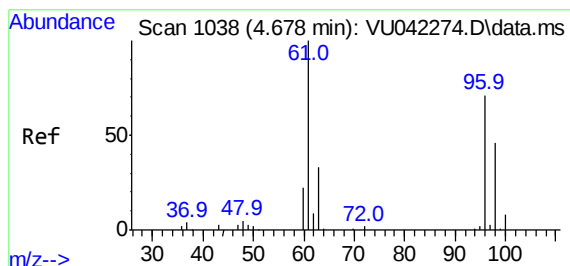
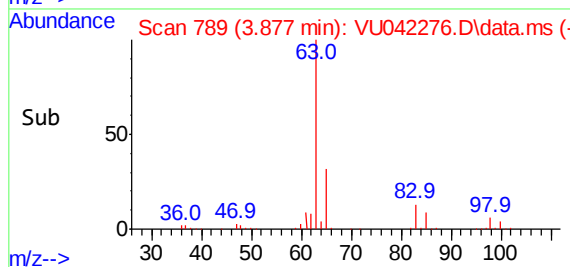
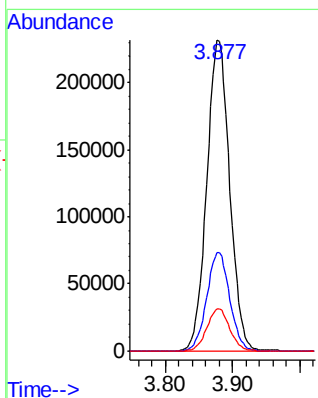
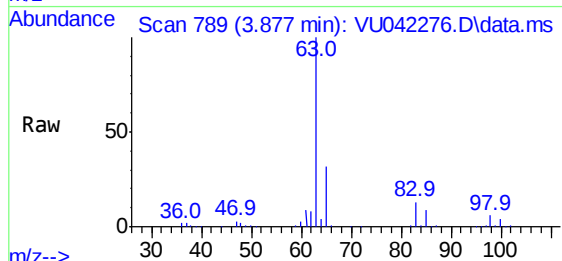




#19
1,1-Dichloroethane
Concen: 183.78 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

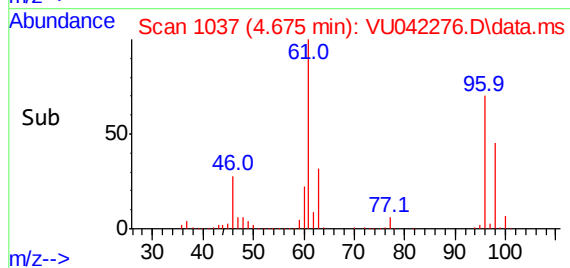
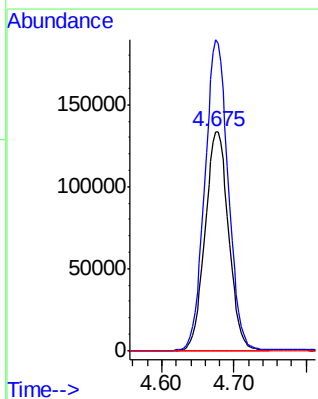
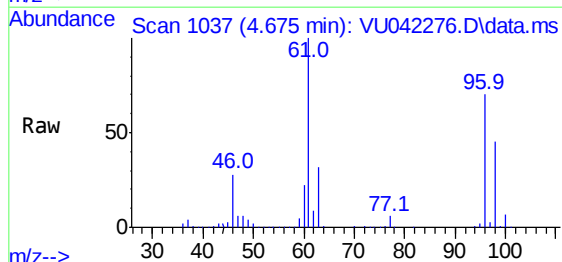
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

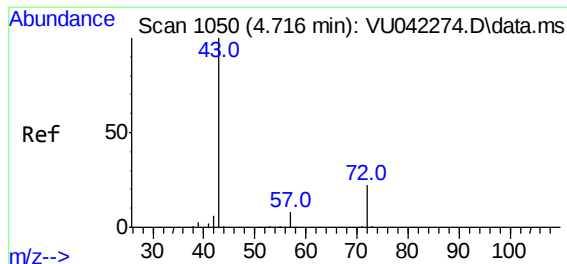
Tgt Ion: 63 Resp: 549275
Ion Ratio Lower Upper
63 100
65 31.6 21.8 40.4
83 13.5 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 184.78 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 96 Resp: 300777
Ion Ratio Lower Upper
96 100
61 141.9 98.6 183.0
68 0.0 0.0 0.0

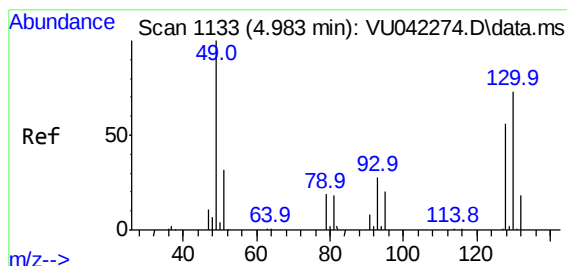
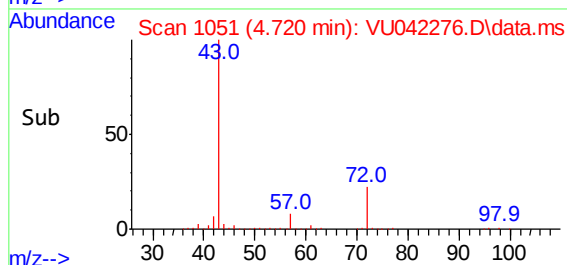
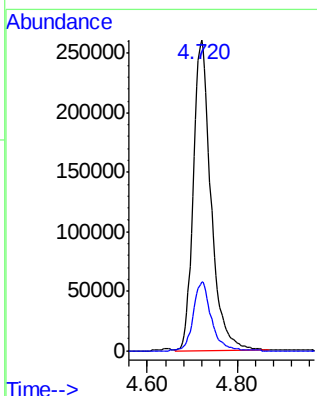
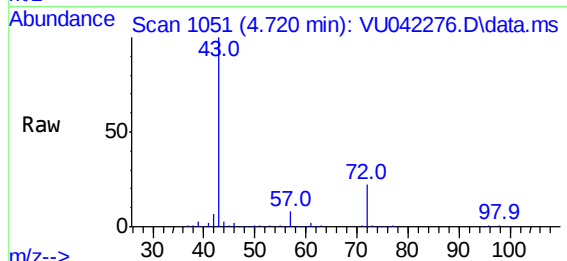




#22
2-Butanone
Concen: 398.91 ug/L
RT: 4.720 min Scan# 1051
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

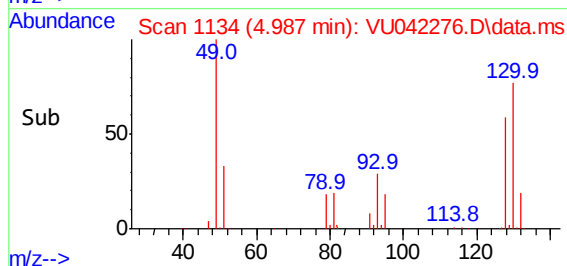
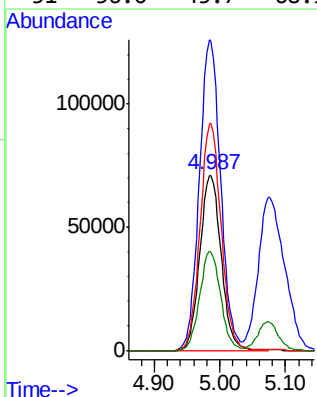
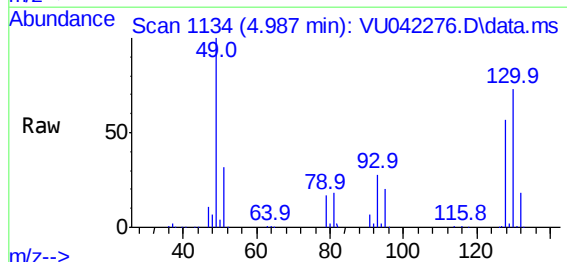
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

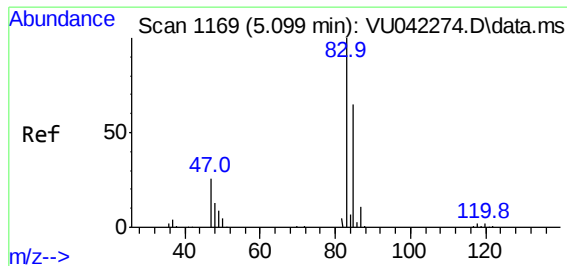
Tgt Ion: 43 Resp: 706197
Ion Ratio Lower Upper
43 100
72 22.9 11.7 35.1



#23
Bromochloromethane
Concen: 201.57 ug/L
RT: 4.987 min Scan# 1134
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 128 Resp: 159071
Ion Ratio Lower Upper
128 100
49 176.1 125.9 233.9
130 129.4 91.7 170.3
51 56.0 45.7 68.5

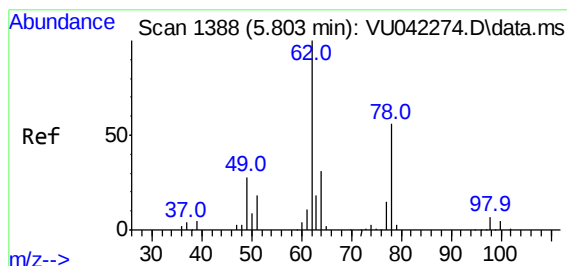
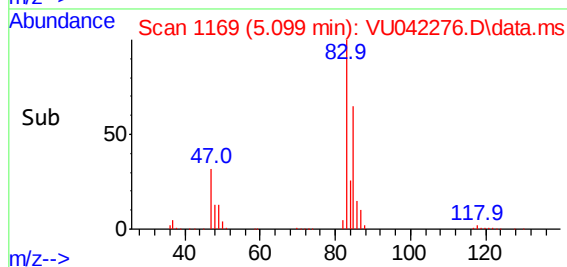
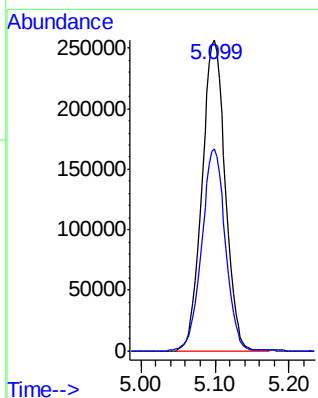
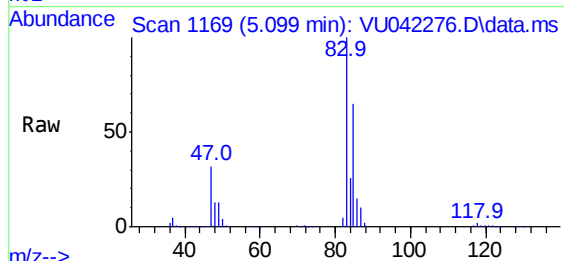




#25
Chloroform
Concen: 186.99 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

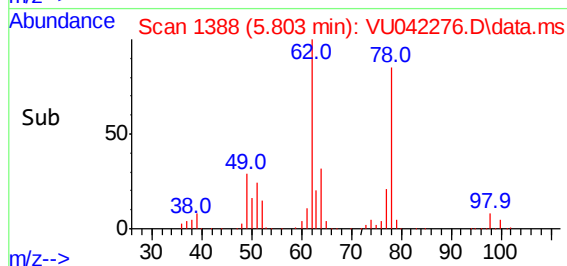
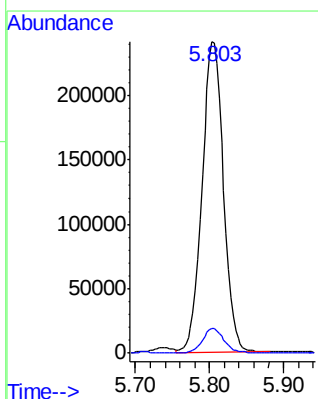
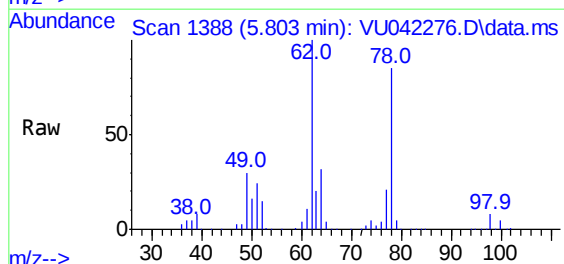
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

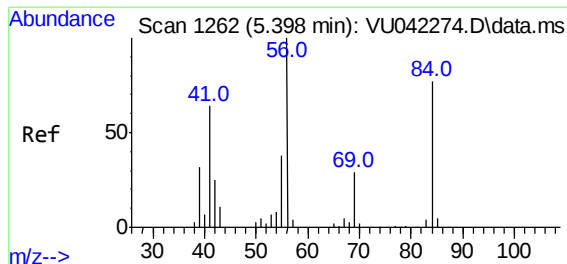
Tgt Ion: 83 Resp: 557553
Ion Ratio Lower Upper
83 100
85 64.9 46.1 85.5



#27
1,2-Dichloroethane
Concen: 206.02 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 62 Resp: 484088
Ion Ratio Lower Upper
62 100
98 7.7 5.8 8.8

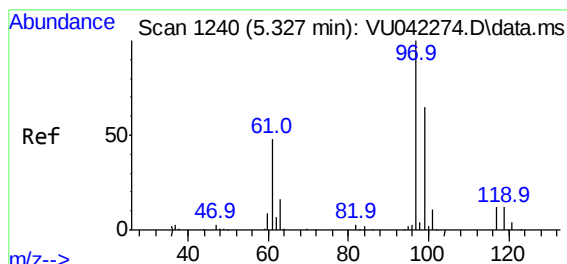
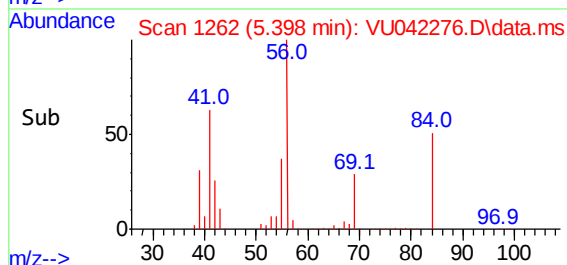
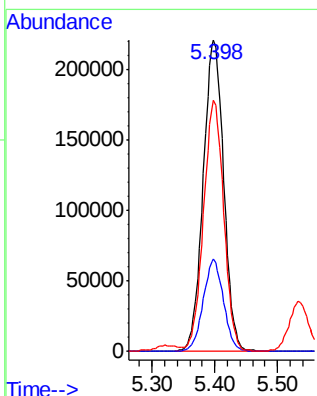
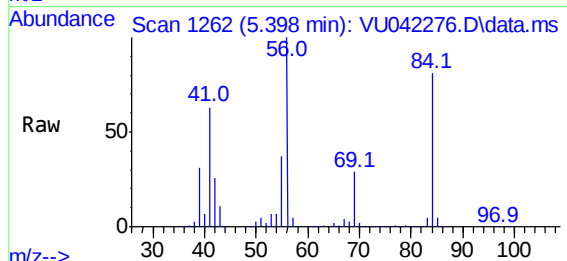




#29
Cyclohexane
Concen: 184.22 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

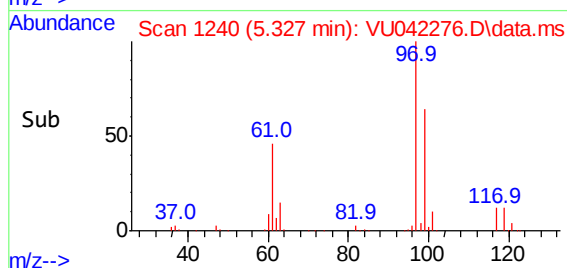
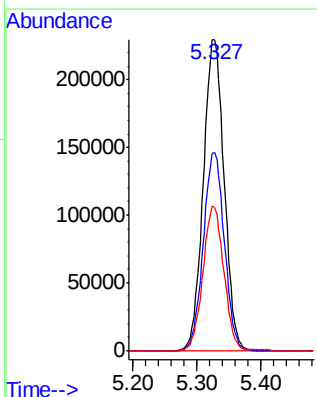
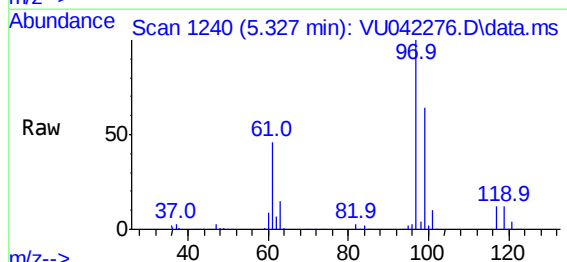
Instrument :
MSVOA_U
ClientSampleId :
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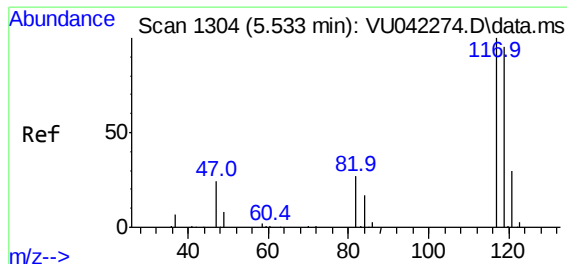
Tgt Ion: 56 Resp: 496595
Ion Ratio Lower Upper
56 100
69 29.0 23.5 35.3
84 79.8 64.2 96.2



#30
1,1,1-Trichloroethane
Concen: 187.62 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 97 Resp: 513691
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 46.5 37.7 56.5

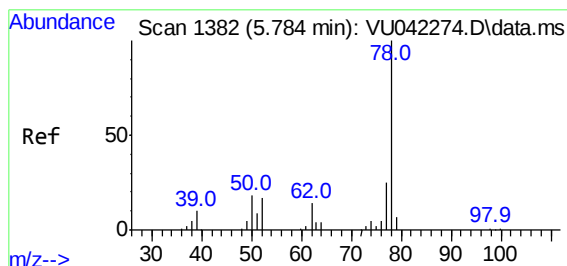
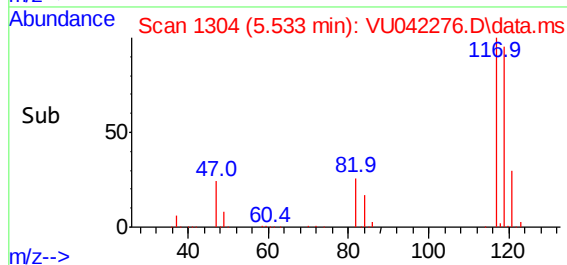
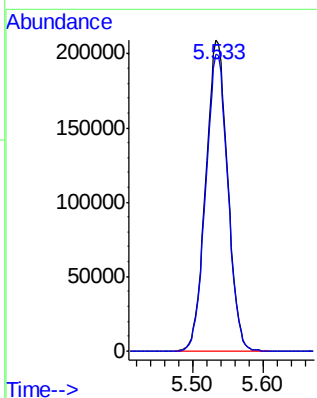
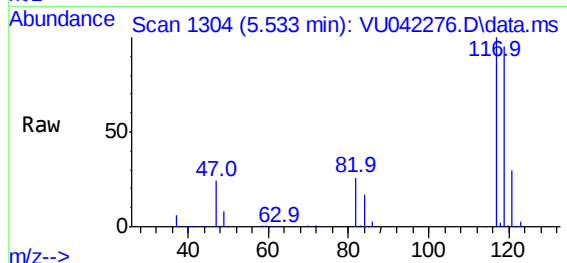




#31
Carbon tetrachloride
Concen: 198.38 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

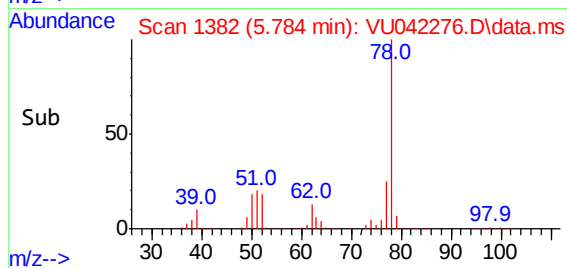
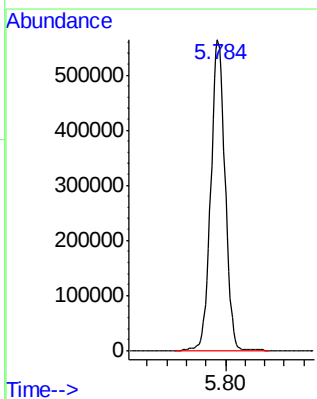
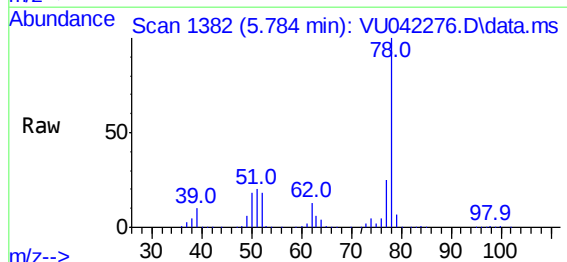
Instrument :
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ClientSampleId :
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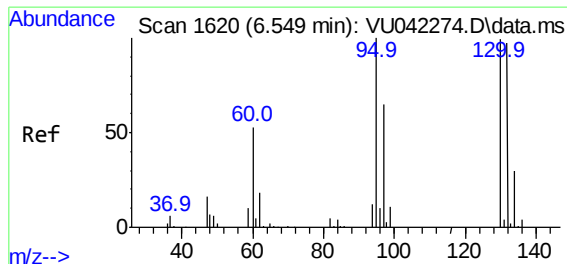
Tgt Ion:117 Resp: 451059
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 172.77 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 78 Resp: 1135793



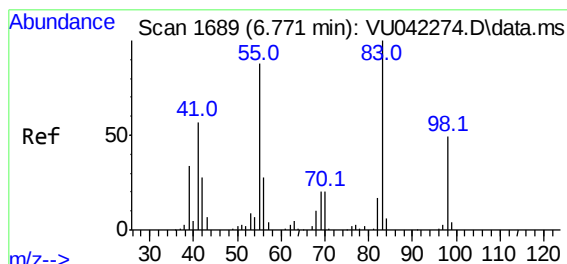
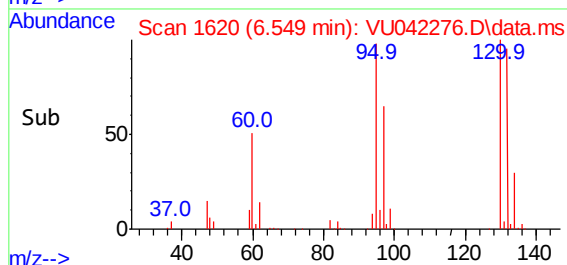
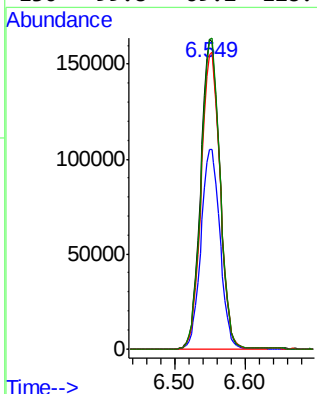
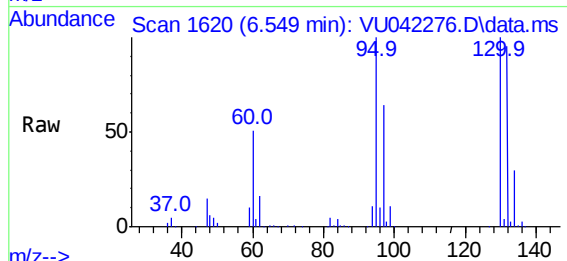


#34
Trichloroethene
Concen: 183.56 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

Tgt Ion: 95 Resp: 304461

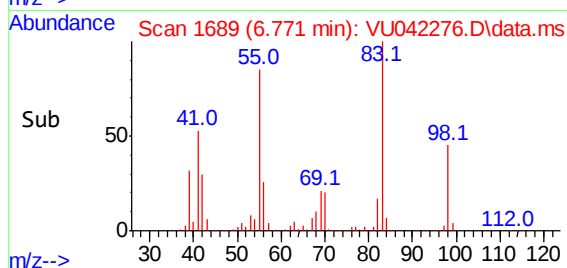
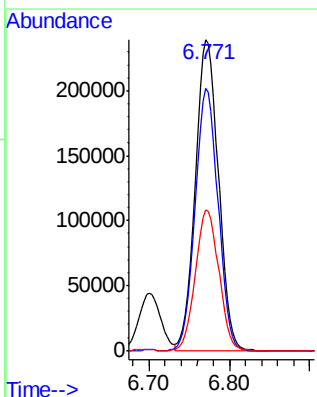
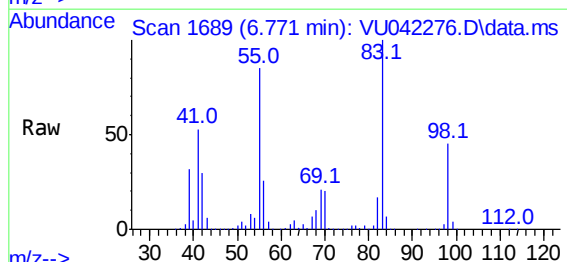
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.3	84.1
132	95.0	67.5	125.4
130	99.8	69.2	128.4

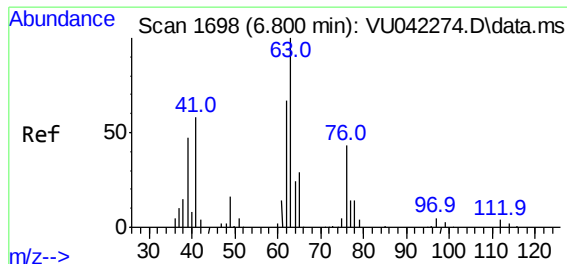


#35
Methylcyclohexane
Concen: 191.46 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 83 Resp: 466475

Ion	Ratio	Lower	Upper
83	100		
55	84.1	68.6	102.8
98	45.9	37.6	56.4

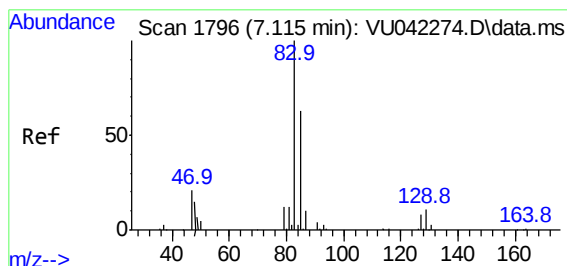
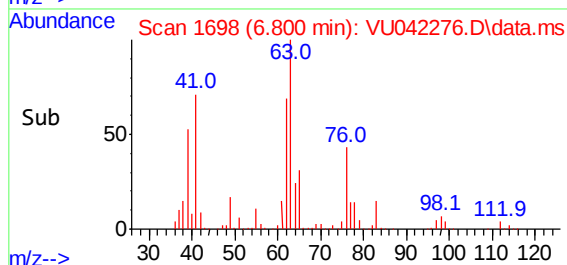
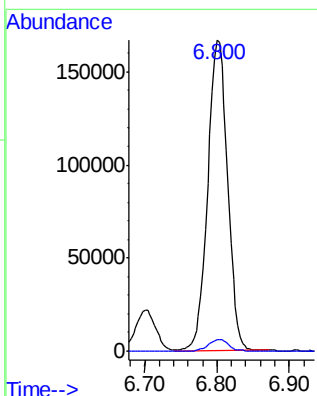
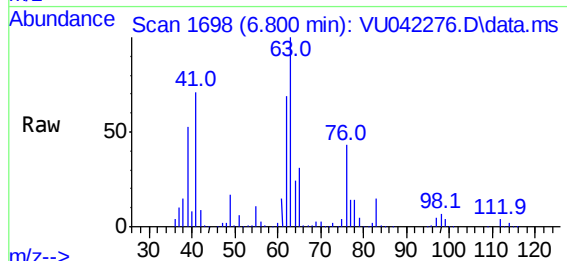




#37
1,2-Dichloropropane
Concen: 178.81 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

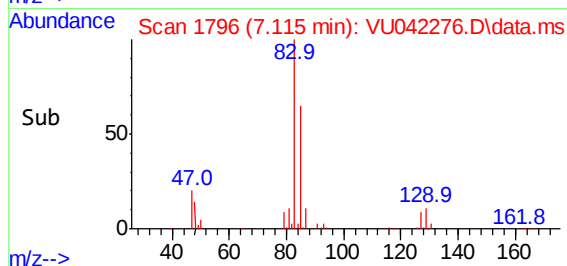
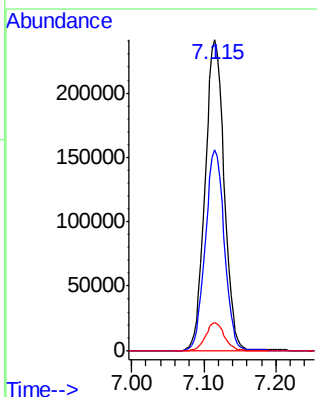
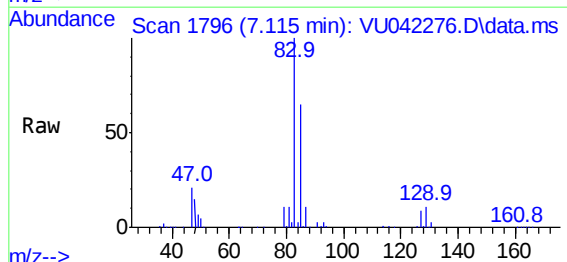
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

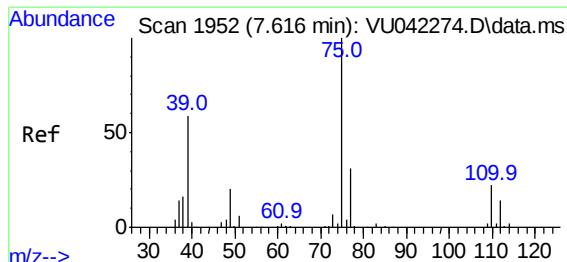
Tgt Ion: 63 Resp: 318285
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 196.56 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 83 Resp: 439503
Ion Ratio Lower Upper
83 100
85 64.7 43.8 81.4
127 8.8 6.8 10.2

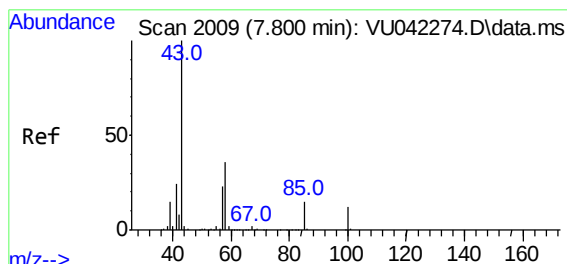
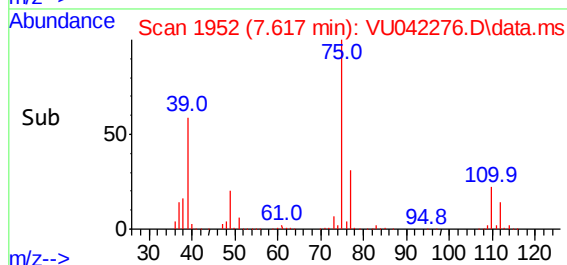
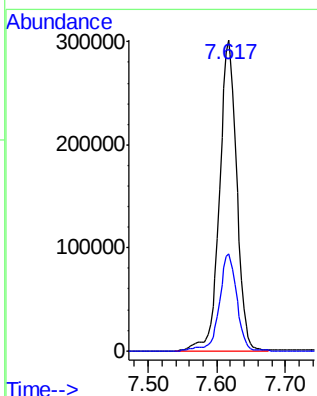
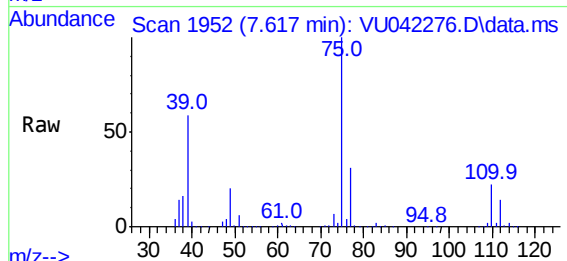




#39
 cis-1,3-Dichloropropene
 Concen: 199.77 ug/L
 RT: 7.617 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

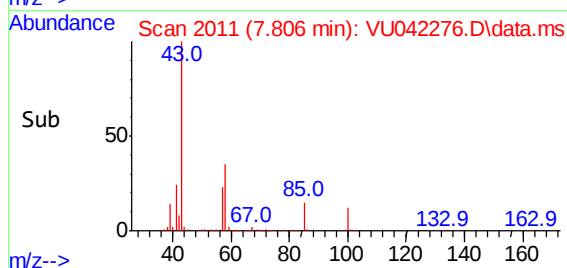
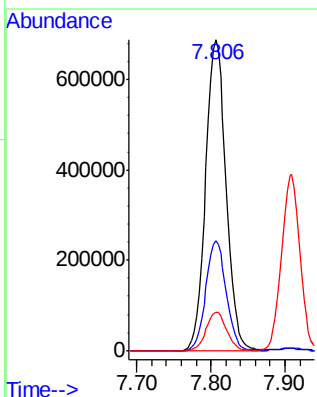
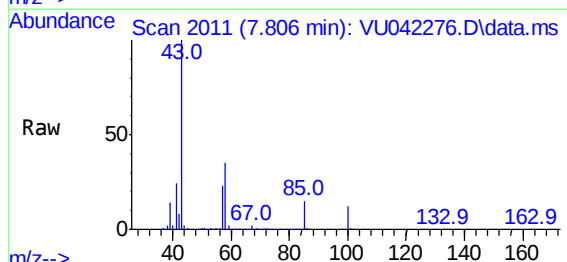
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200306

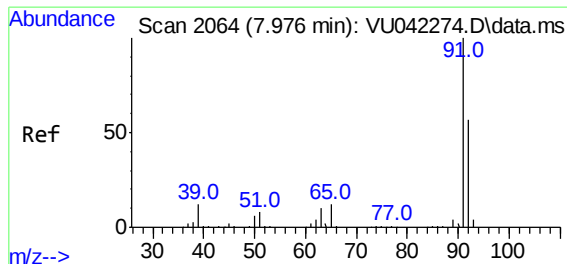
Tgt Ion: 75 Resp: 524054
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 460.38 ug/L
 RT: 7.806 min Scan# 2011
 Delta R.T. 0.007 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

Tgt Ion: 43 Resp: 1315073
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.7 43.1
 100 12.3 9.7 14.5

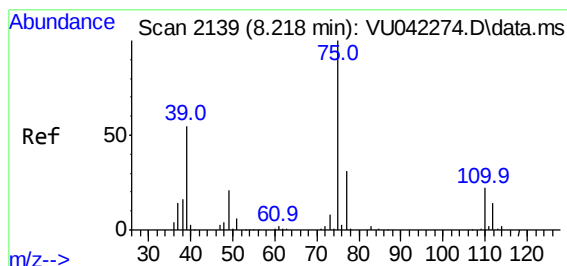
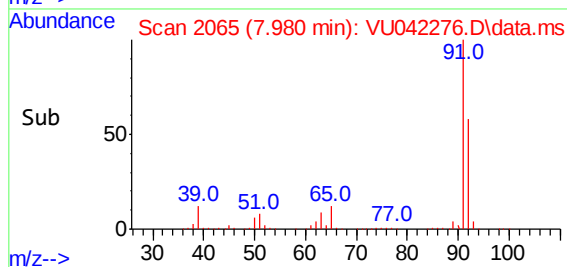
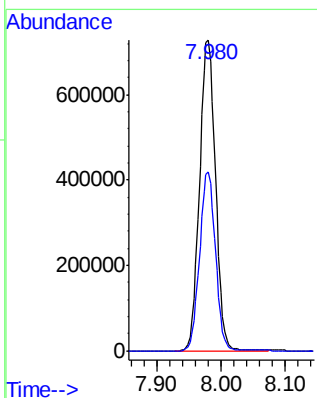
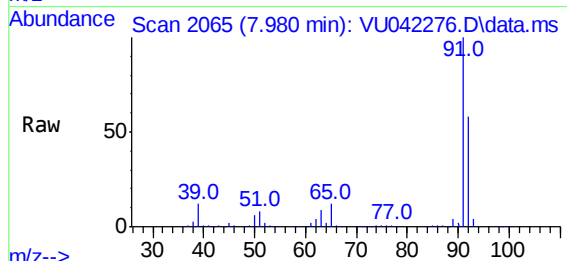




#42
Toluene
Concen: 194.31 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

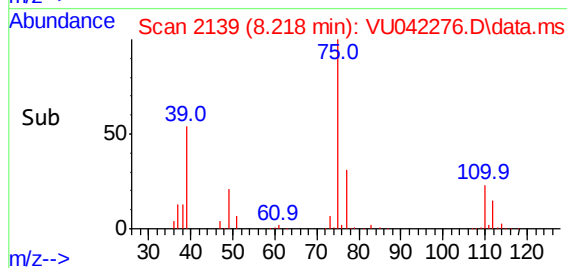
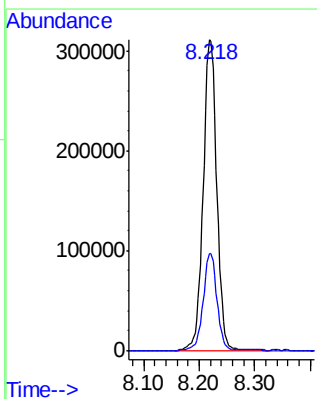
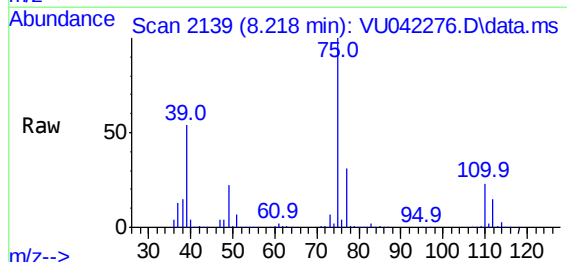
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

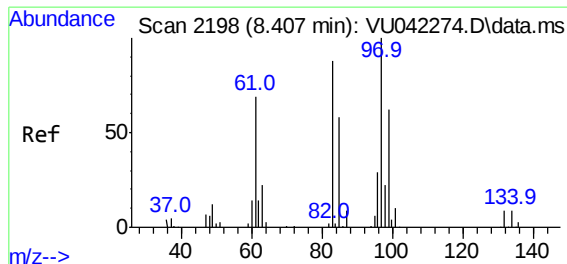
Tgt Ion: 91 Resp: 1249652
Ion Ratio Lower Upper
91 100
92 57.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 209.36 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 75 Resp: 526032
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.2

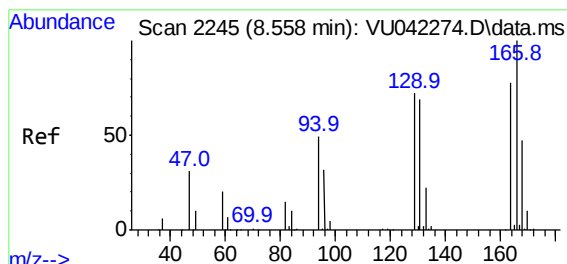
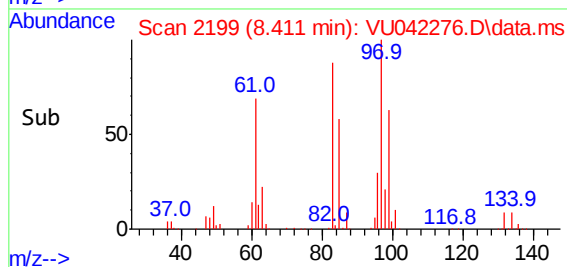
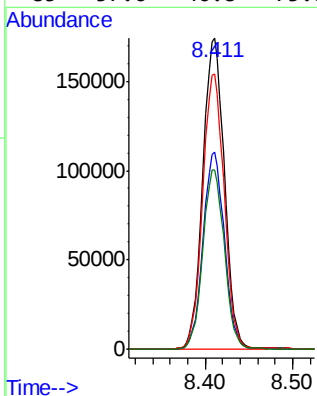
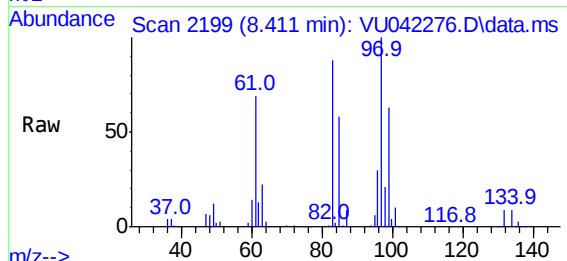




#45
1,1,2-Trichloroethane
Concen: 191.24 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

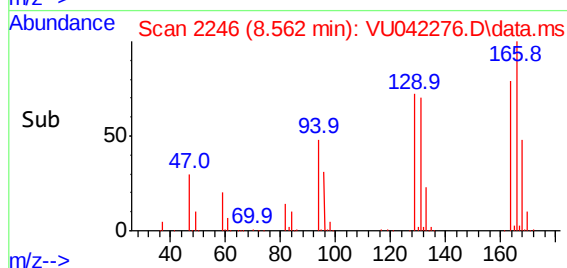
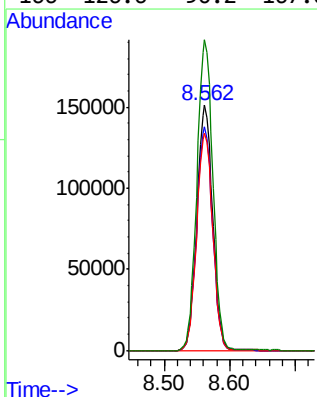
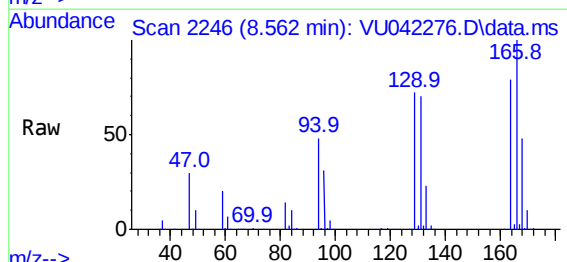
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

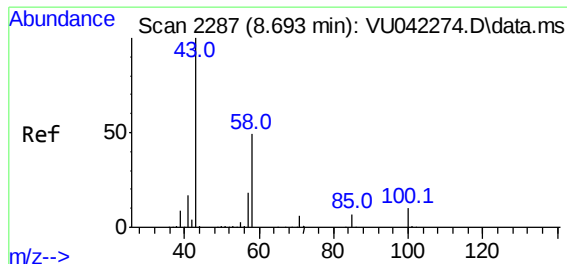
Tgt Ion: 97 Resp: 297676
Ion Ratio Lower Upper
97 100
99 63.4 43.7 81.1
83 88.4 61.7 114.7
85 57.6 40.8 75.8



#46
Tetrachloroethene
Concen: 229.01 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 164 Resp: 249904
Ion Ratio Lower Upper
164 100
129 91.2 65.2 121.2
131 88.6 62.4 115.8
166 126.6 90.2 167.6



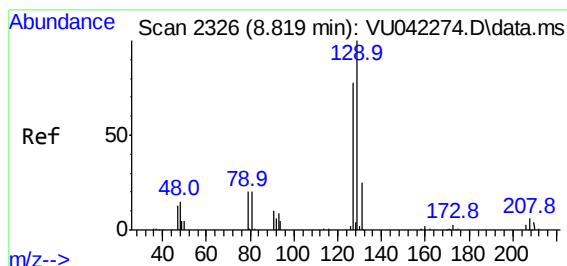
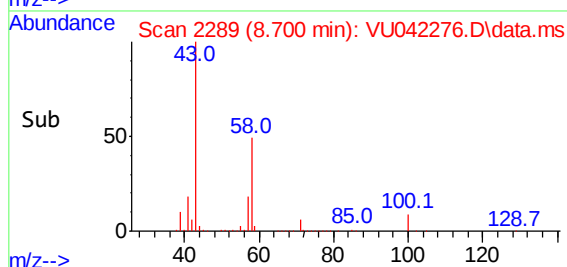
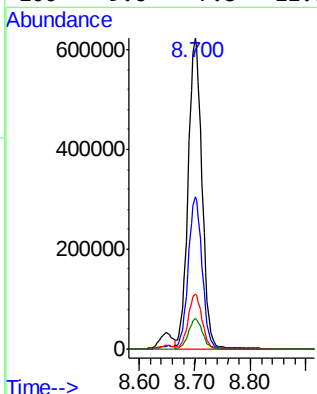
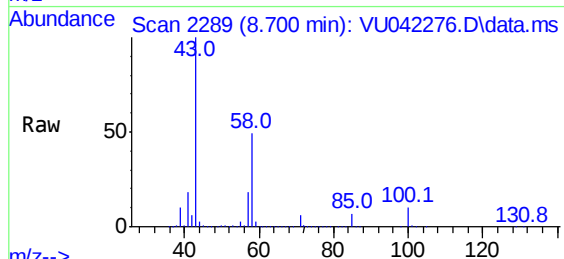


#48
2-Hexanone
Concen: 453.52 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.007 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

Tgt Ion: 43 Resp: 1070156

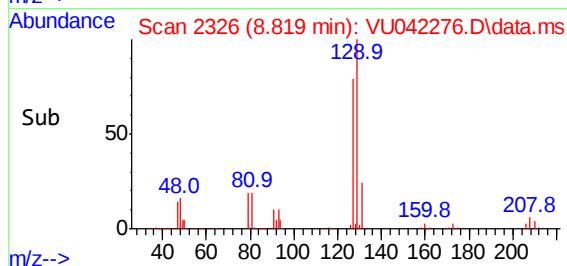
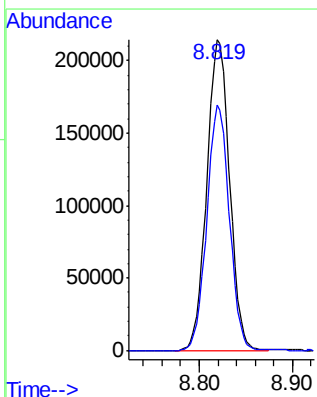
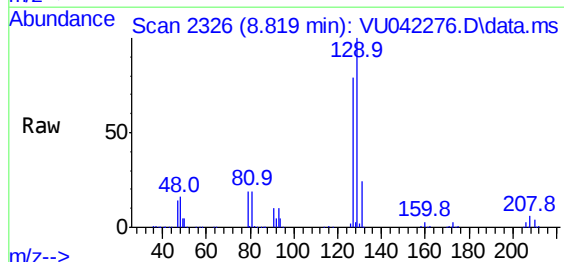
Ion	Ratio	Lower	Upper
43	100		
58	49.2	39.2	58.8
57	17.6	14.4	21.6
100	9.6	7.8	11.6

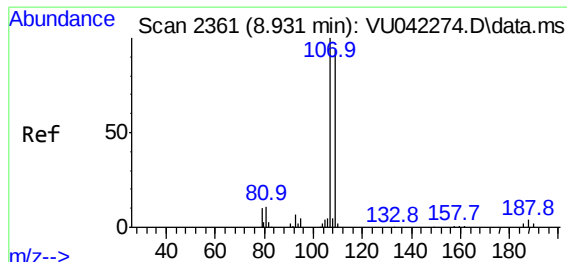


#49
Dibromochloromethane
Concen: 213.93 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 129 Resp: 365098

Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.7	101.7

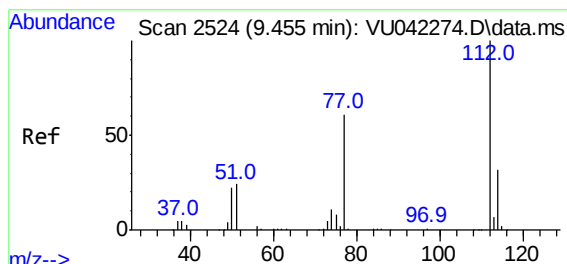
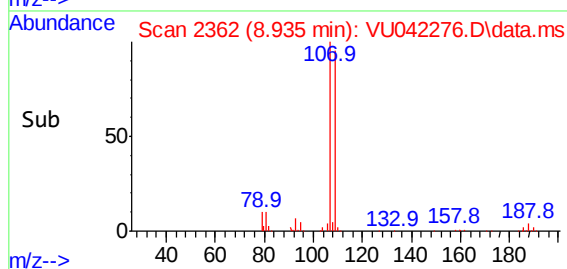
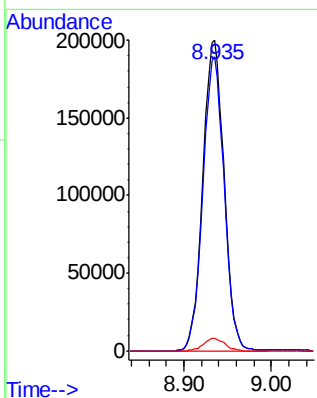
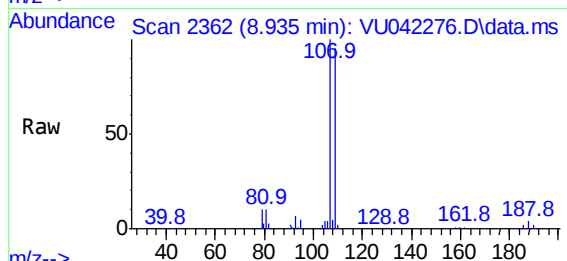




#50
1,2-Dibromoethane
Concen: 201.36 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

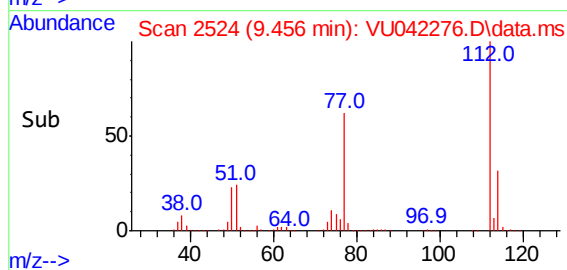
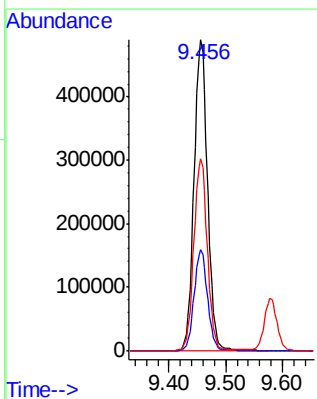
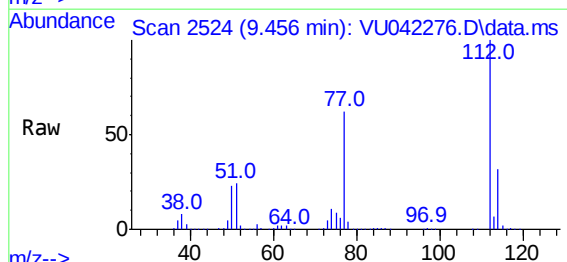
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

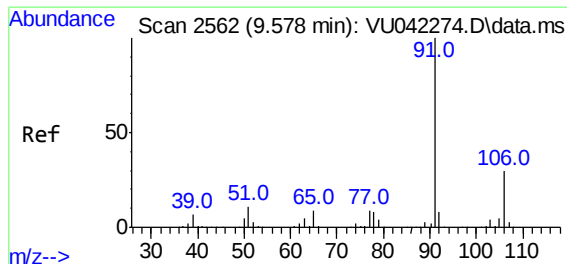
Tgt Ion:107 Resp: 336101
Ion Ratio Lower Upper
107 100
109 94.8 65.7 121.9
188 3.9 3.4 5.0



#51
Chlorobenzene
Concen: 199.28 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion:112 Resp: 802066
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.1
77 61.7 49.4 74.2

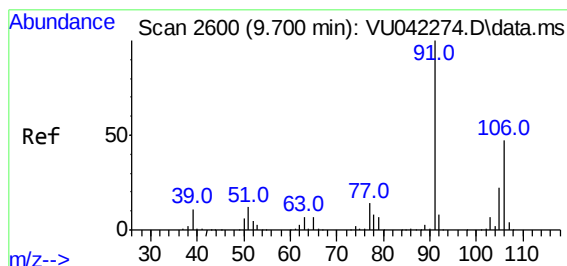
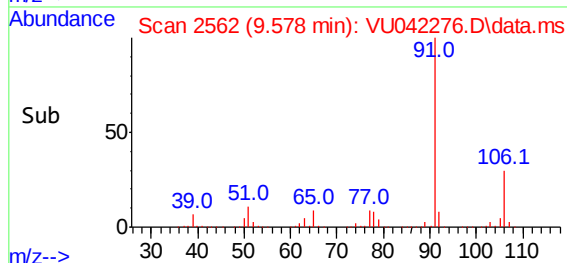
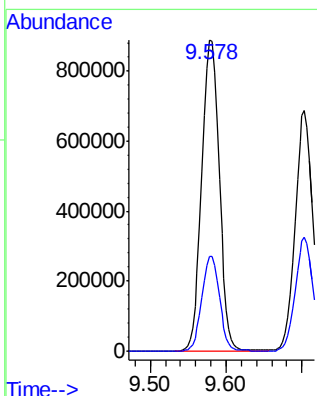
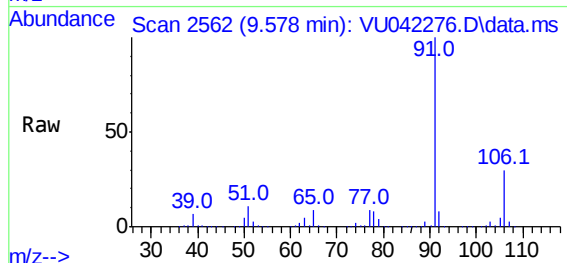




#52
Ethylbenzene
Concen: 202.81 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

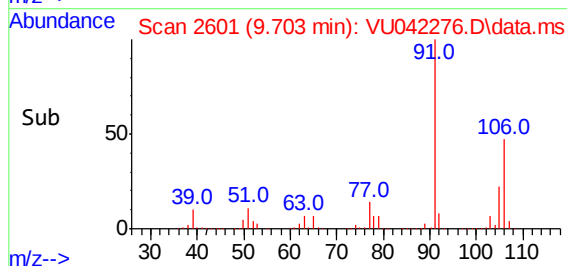
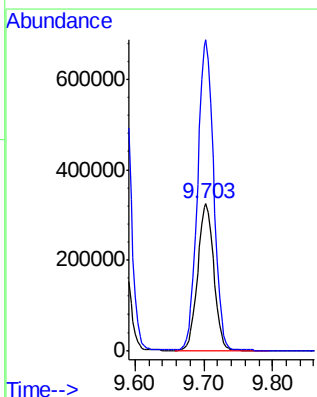
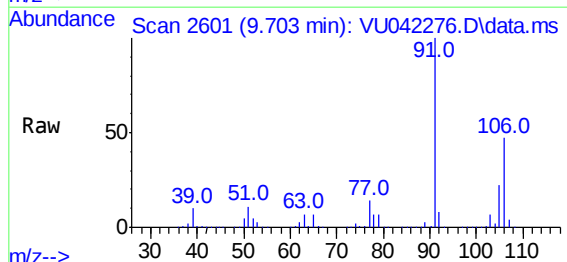
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

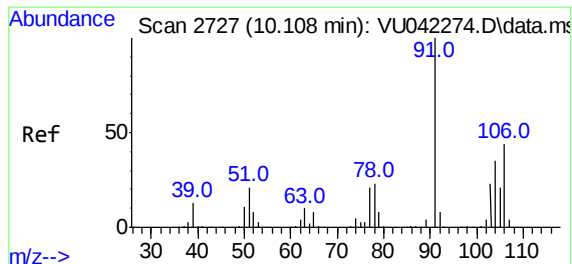
Tgt Ion: 91 Resp: 1417664
Ion Ratio Lower Upper
91 100
106 30.2 20.8 38.6



#53
m,p-Xylene
Concen: 207.83 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion:106 Resp: 528697
Ion Ratio Lower Upper
106 100
91 211.6 149.7 277.9

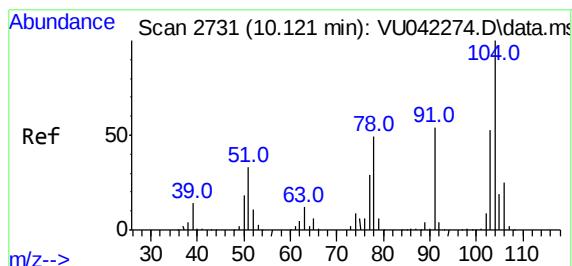
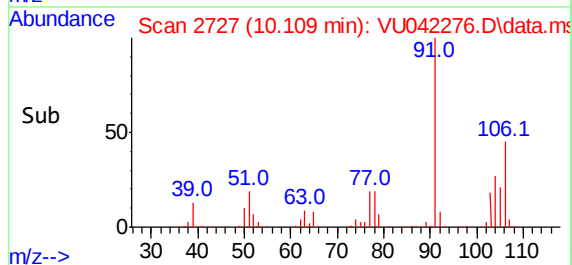
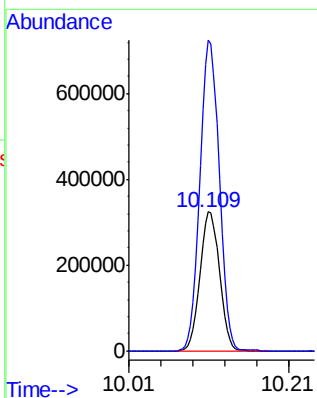
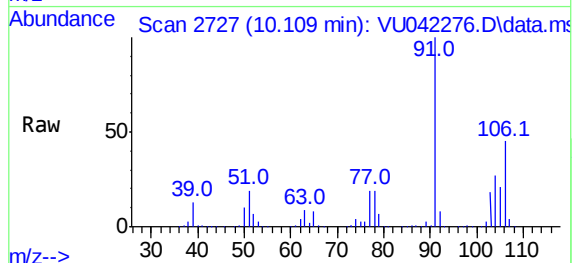




#54
o-xylene
Concen: 212.92 ug/L
RT: 10.109 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

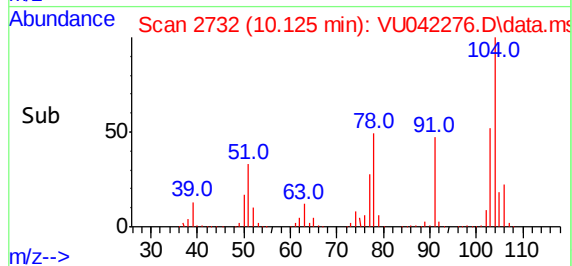
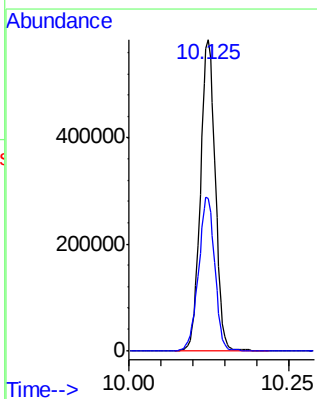
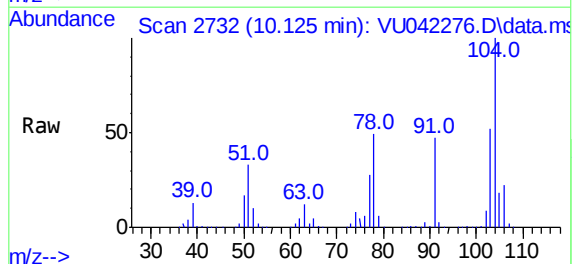
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

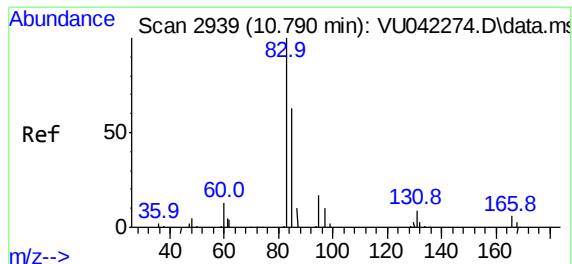
Tgt Ion:106 Resp: 523931
Ion Ratio Lower Upper
106 100
91 224.0 157.4 292.2



#55
Styrene
Concen: 214.41 ug/L
RT: 10.125 min Scan# 2732
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion:104 Resp: 924604
Ion Ratio Lower Upper
104 100
78 48.8 34.4 64.0

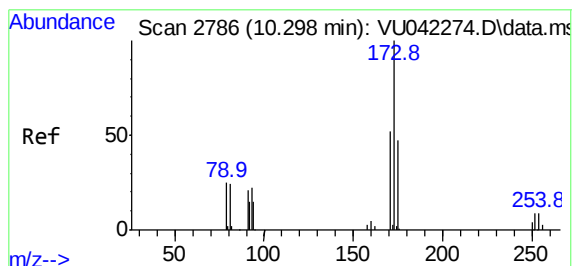
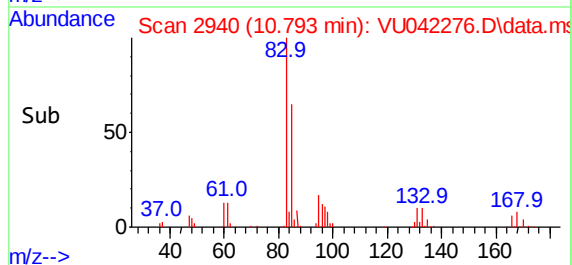
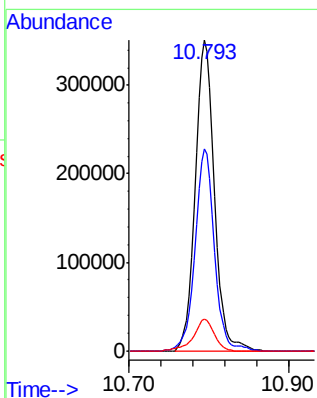
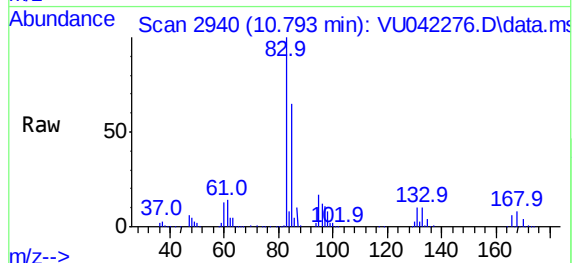




#57
1,1,2,2-Tetrachloroethane
Concen: 197.45 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

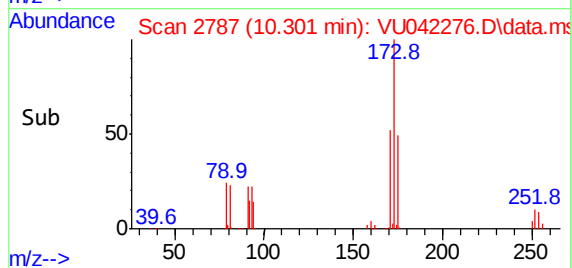
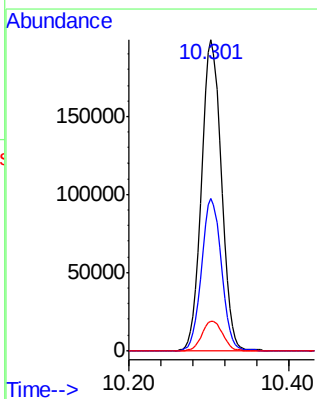
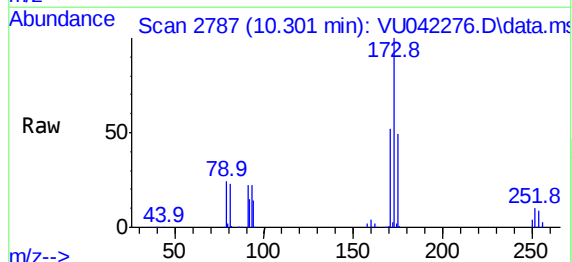
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

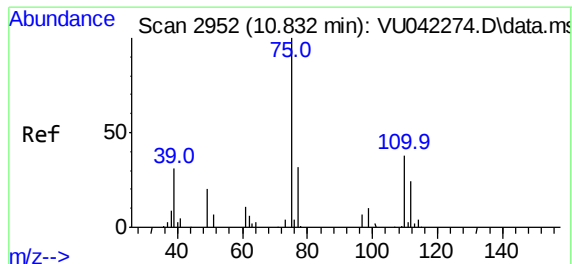
Tgt Ion: 83 Resp: 574054
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2
131 10.1 8.1 12.1



#59
Bromoform
Concen: 223.95 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion:173 Resp: 327245
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.4
254 9.6 7.4 11.0

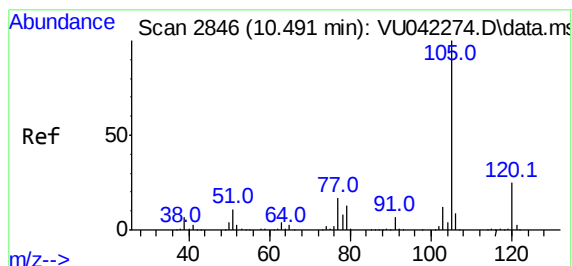
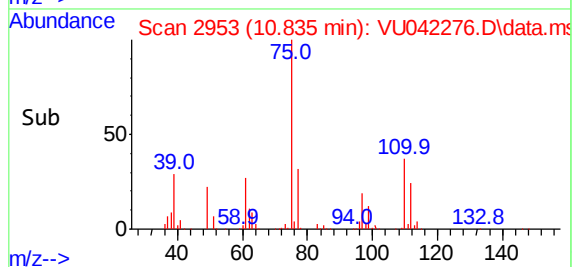
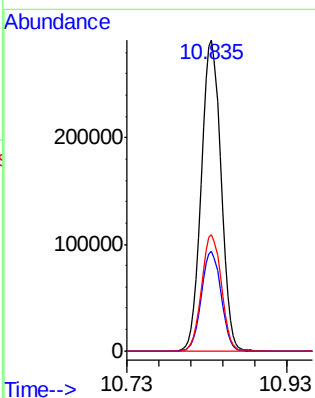
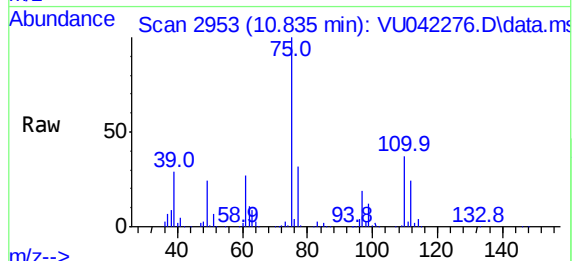




#60
1,2,3-Trichloropropane
Concen: 169.20 ug/L
RT: 10.835 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

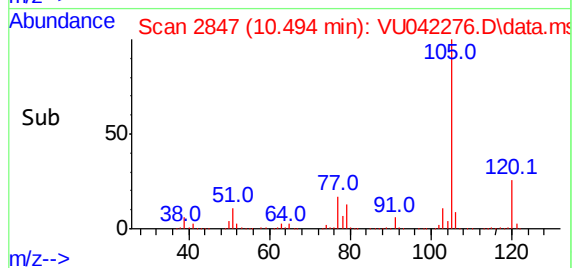
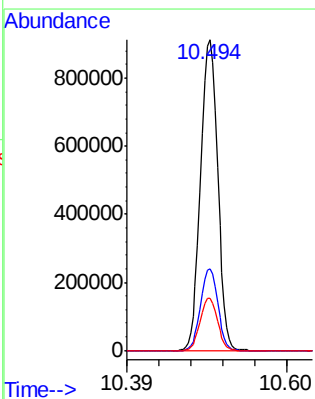
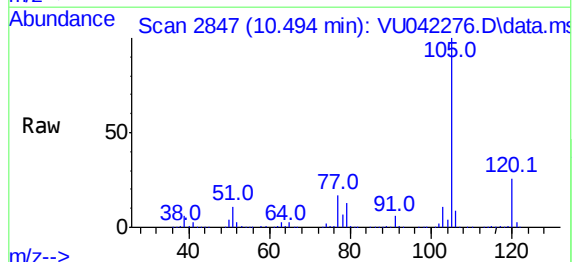
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

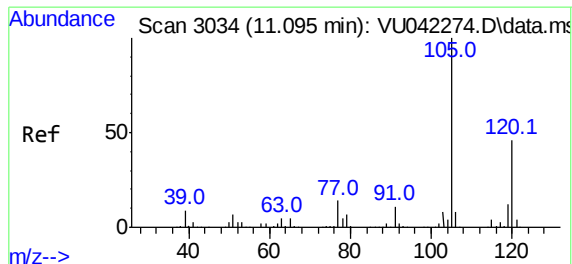
Tgt Ion: 75 Resp: 475391
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
110 37.4 30.3 45.5



#61
Isopropylbenzene
Concen: 186.06 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 105 Resp: 1416150
Ion Ratio Lower Upper
105 100
120 26.3 20.5 30.7
77 16.8 13.6 20.4



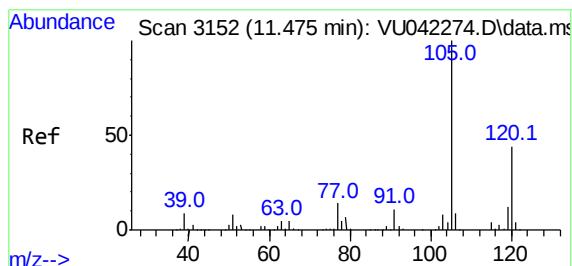
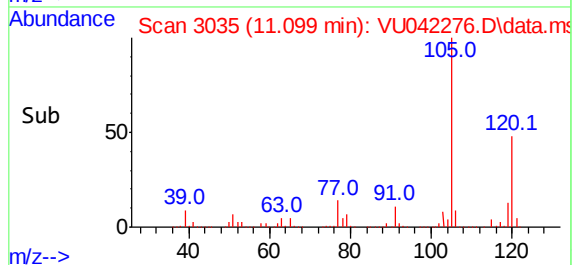
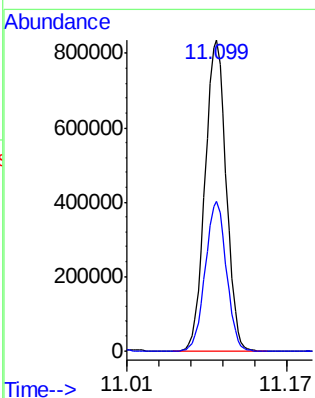
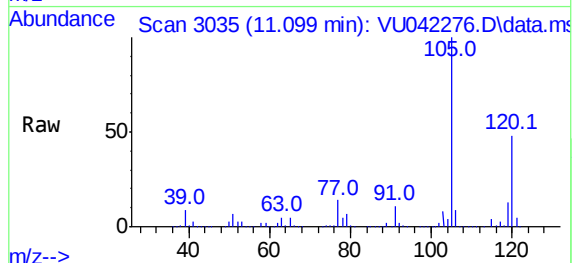


#62
 1,3,5-Trimethylbenzene
 Concen: 195.20 ug/L
 RT: 11.099 min Scan# 3035
 Delta R.T. 0.004 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

Instrument :
 MSVOA_U
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 VSTD200306

Tgt Ion:105 Resp: 1263531

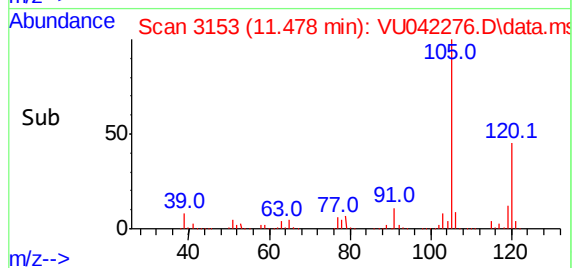
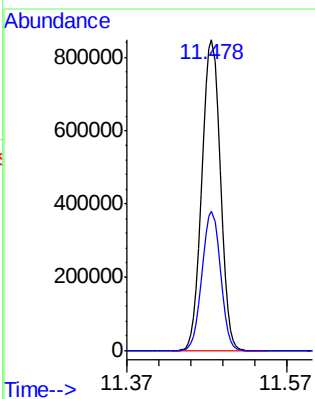
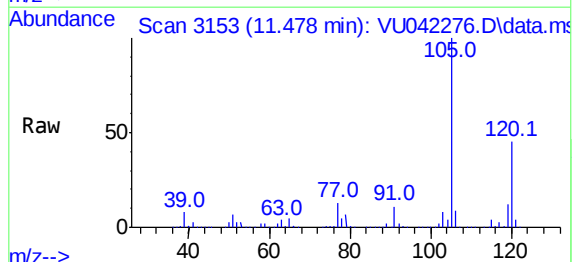
Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.2	55.8

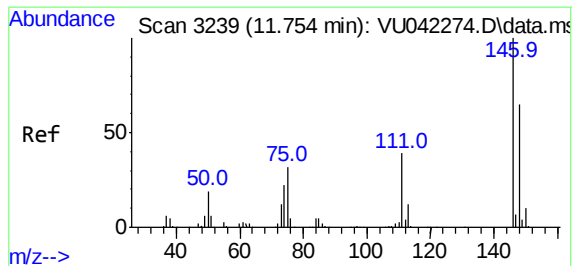


#63
 1,2,4-Trimethylbenzene
 Concen: 200.32 ug/L
 RT: 11.478 min Scan# 3153
 Delta R.T. 0.004 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

Tgt Ion:105 Resp: 1292176

Ion	Ratio	Lower	Upper
105	100		
120	44.8	35.2	52.8

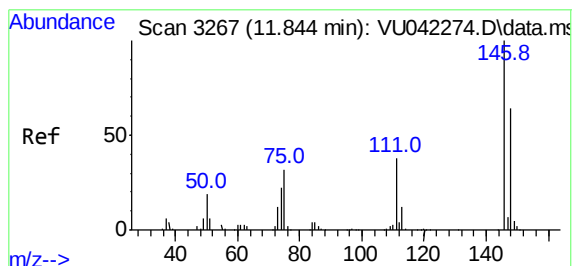
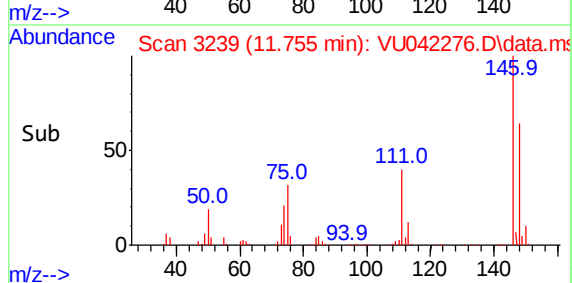
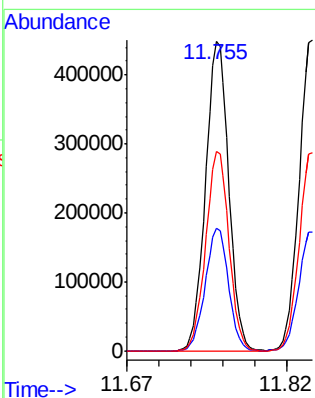
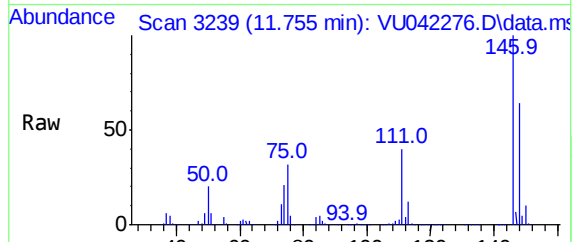




#64
1,3-Dichlorobenzene
Concen: 197.61 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

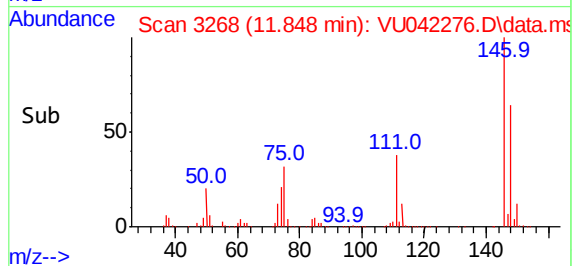
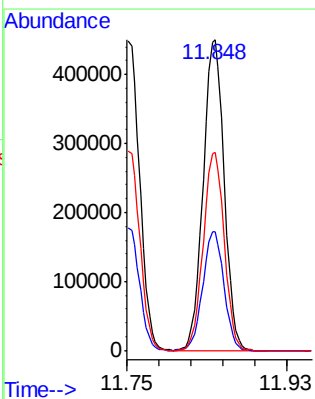
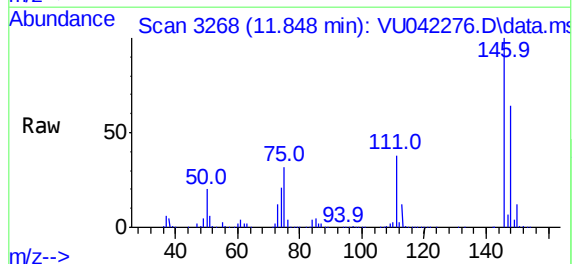
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

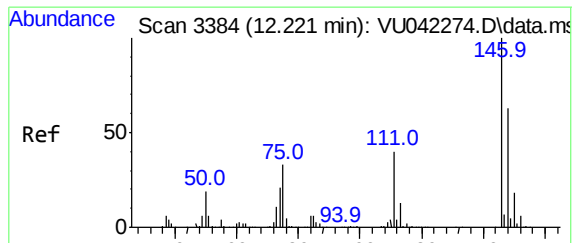
Tgt Ion:146 Resp: 698636
Ion Ratio Lower Upper
146 100
111 39.7 27.6 51.2
148 64.3 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 198.87 ug/L
RT: 11.848 min Scan# 3268
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion:146 Resp: 703027
Ion Ratio Lower Upper
146 100
111 38.1 26.6 49.4
148 63.8 44.6 82.8

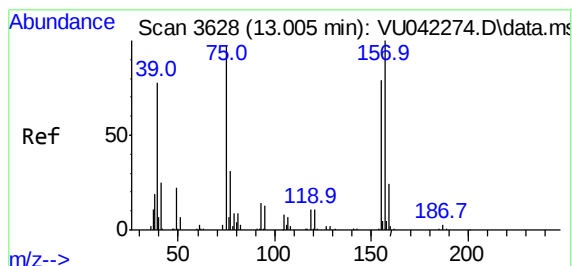
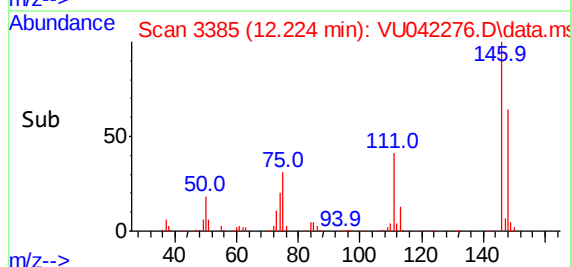
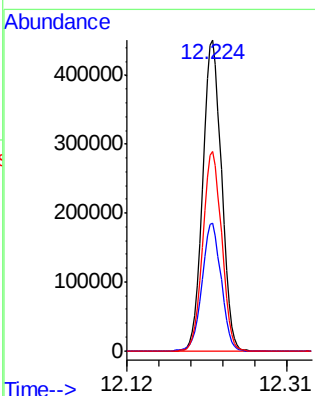
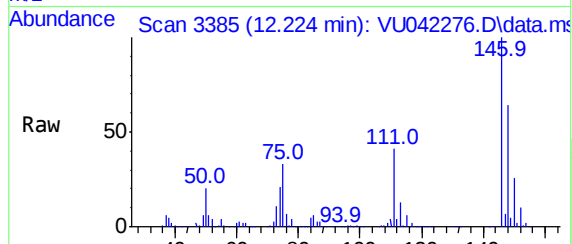




#67
1,2-Dichlorobenzene
Concen: 195.24 ug/L
RT: 12.224 min Scan# 3385
Delta R.T. 0.004 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

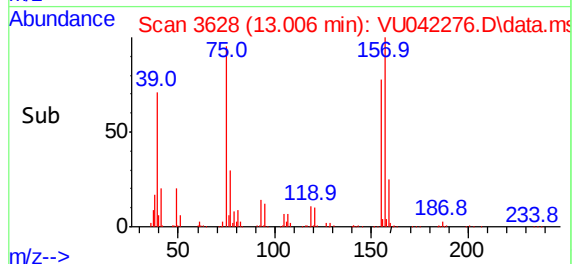
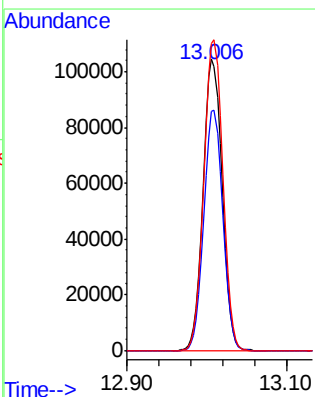
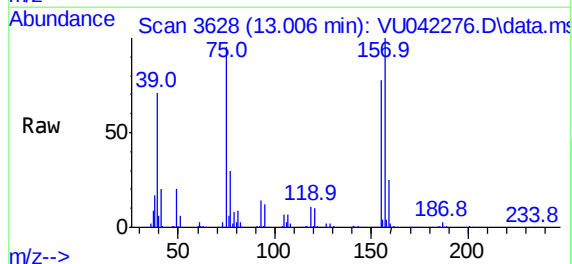
Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

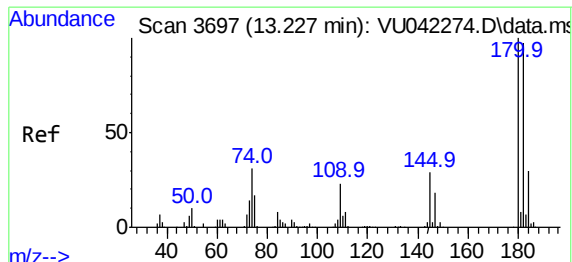
Tgt Ion:146 Resp: 705088
Ion Ratio Lower Upper
146 100
111 40.9 31.9 47.9
148 64.1 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 184.43 ug/L
RT: 13.006 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion: 75 Resp: 164685
Ion Ratio Lower Upper
75 100
155 81.8 65.2 97.8
157 105.1 82.7 124.1

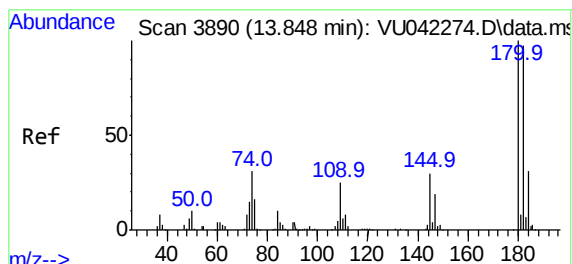
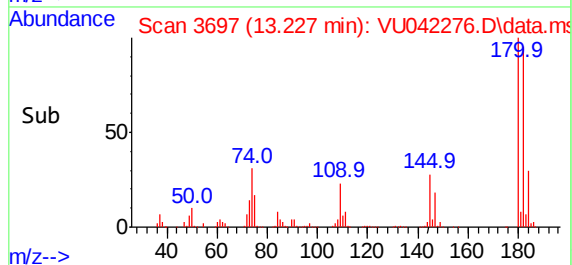
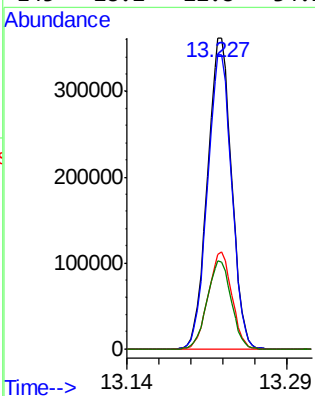
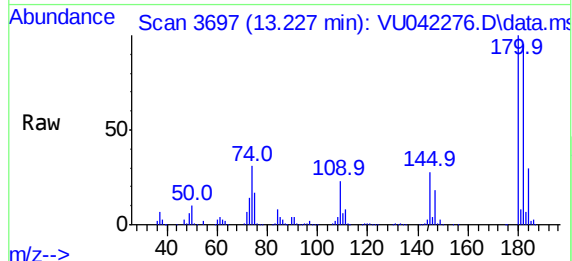




#69
 1,3,5-Trichlorobenzene
 Concen: 229.09 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

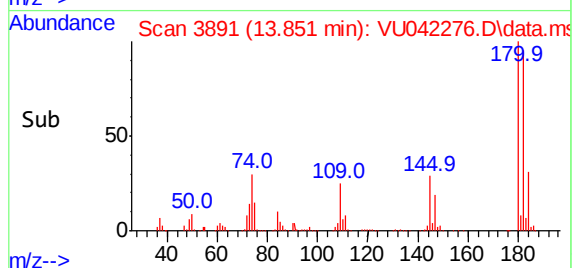
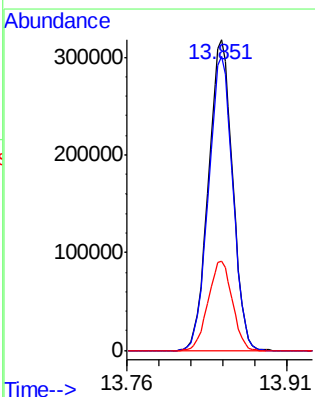
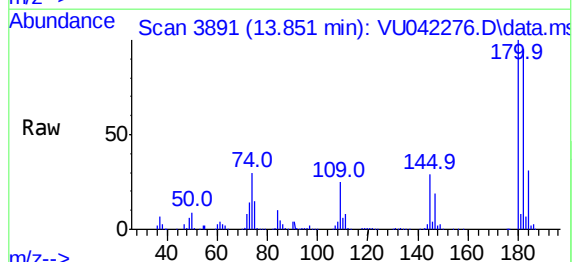
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200306

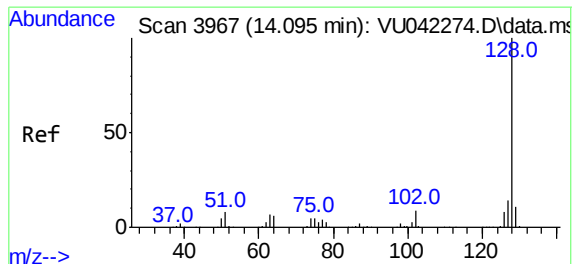
Tgt Ion:180 Resp: 562659
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.8 115.2
 184 30.6 24.1 36.1
 145 28.2 22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 257.99 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.004 min
 Lab File: VU042276.D
 Acq: 05 Feb 2021 11:51

Tgt Ion:180 Resp: 494558
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.2 115.8
 145 28.8 23.7 35.5

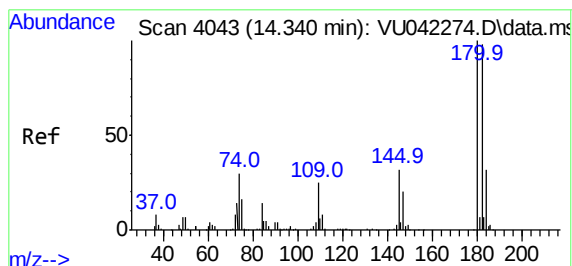
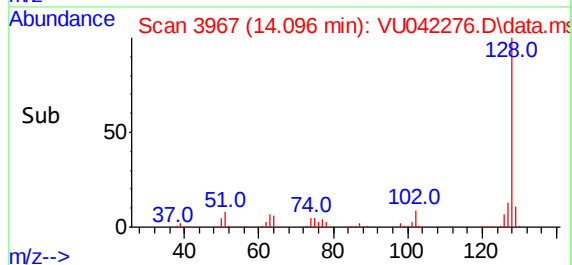
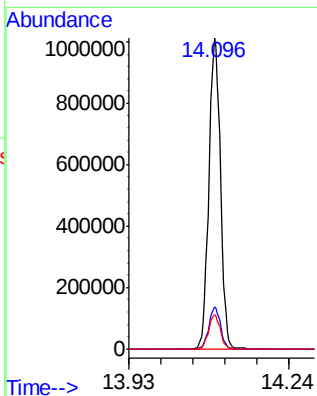
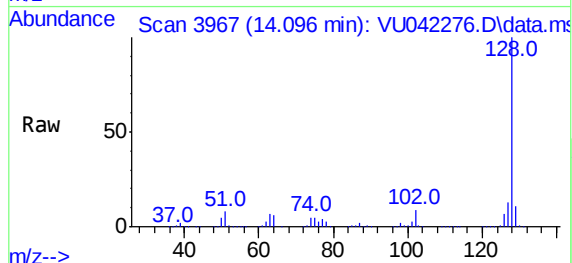




#71
Naphthalene
Concen: 249.80 ug/L
RT: 14.096 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD200306

Tgt Ion:128 Resp: 1594786
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 248.23 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042276.D
Acq: 05 Feb 2021 11:51

Tgt Ion:180 Resp: 483260
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 30.7 24.6 37.0

