

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041964.D
 Acq On : 12 Jan 2021 10:32
 Operator : SY/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050304

Quant Time: Jan 13 05:39:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:36:09 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	262771	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225412	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	111410	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.604	65	145920	74.30 ug/L	0.00
7) Chloroethane-d5	1.919	69	113097	68.68 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	239665	68.95 ug/L	0.00
21) 2-Butanone-d5	4.642	46	221931	148.35 ug/L	0.00
24) Chloroform-d	5.079	84	224612	65.02 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	143659	64.55 ug/L	0.00
32) Benzene-d6	5.742	84	441603	67.62 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	131298	64.95 ug/L	0.00
41) Toluene-d8	7.906	98	358673	58.44 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	66749	63.98 ug/L	0.00
47) 2-Hexanone-d5	8.639	63	149661	135.76 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	180631	58.77 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	119434	52.13 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.388	85	123484	56.39 ug/L	99
3) Chloromethane	1.523	50	143745	72.01 ug/L	96
5) Vinyl chloride	1.607	62	149117	67.04 ug/L	98
6) Bromomethane	1.864	94	91416	55.72 ug/L	95
8) Chloroethane	1.938	64	90336	60.75 ug/L	97
9) Trichlorofluoromethane	2.144	101	187421	57.50 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	108205	61.27 ug/L	91
12) 1,1-Dichloroethene	2.591	96	100053	59.32 ug/L	87
13) Acetone	2.649	43	179216	160.40 ug/L	99
14) Carbon disulfide	2.803	76	326284	60.30 ug/L	100
15) Methyl Acetate	2.961	43	152280	71.59 ug/L	93
16) Methylene chloride	3.060	84	118377	61.39 ug/L	89
17) trans-1,2-Dichloroethene	3.366	96	104739	59.90 ug/L	88
18) Methyl tert-butyl Ether	3.379	73	345415	63.64 ug/L	98
19) 1,1-Dichloroethane	3.887	63	211310	66.15 ug/L	97
20) cis-1,2-Dichloroethene	4.684	96	113961	59.50 ug/L	87
22) 2-Butanone	4.723	43	245390	152.64 ug/L	93
23) Bromochloromethane	4.993	128	57053	55.55 ug/L #	83
25) Chloroform	5.105	83	208579	61.94 ug/L	97
27) 1,2-Dichloroethane	5.806	62	161716	61.54 ug/L	99
29) Cyclohexane	5.404	56	189758	73.19 ug/L	91
30) 1,1,1-Trichloroethane	5.333	97	175889	62.87 ug/L	97
31) Carbon tetrachloride	5.539	117	149537	61.26 ug/L	99
33) Benzene	5.787	78	465538	65.32 ug/L	100
34) Trichloroethene	6.552	95	106693	57.78 ug/L	93
35) Methylcyclohexane	6.774	83	161690	55.23 ug/L	92
37) 1,2-Dichloropropane	6.800	63	111935	62.53 ug/L	98
38) Bromodichloromethane	7.115	83	139356	57.49 ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	172843	60.58 ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	353525	134.49 ug/L	94
42) Toluene	7.976	91	431866	57.39 ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	172289	62.31 ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	100483	55.48 ug/L	97

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 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:36:09 2021
 Response via : Initial Calibration

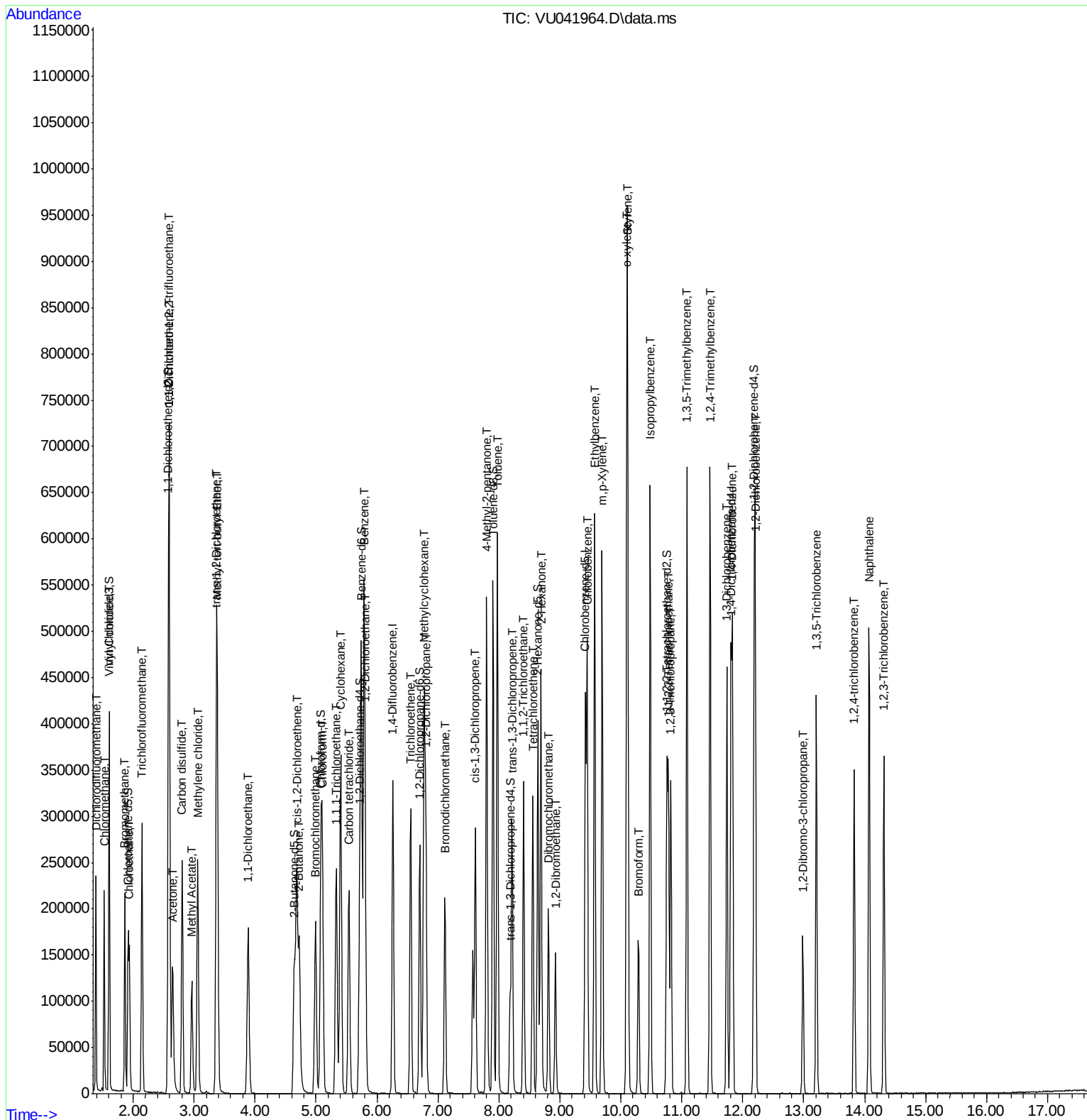
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

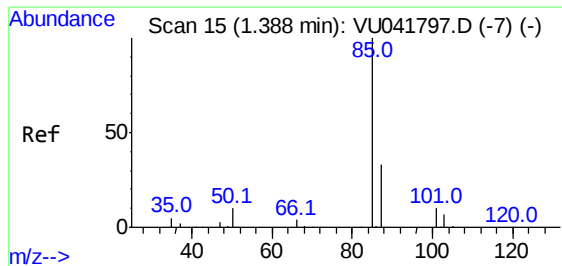
46) Tetrachloroethene	8.555	164	67969	47.43	ug/L	93
48) 2-Hexanone	8.690	43	292012	136.73	ug/L #	95
49) Dibromochloromethane	8.812	129	101807	51.91	ug/L	99
50) 1,2-Dibromoethane	8.928	107	101041	53.44	ug/L #	100
51) Chlorobenzene	9.449	112	245597	51.10	ug/L	96
52) Ethylbenzene	9.571	91	438214	55.33	ug/L	98
53) m,p-Xylene	9.693	106	159659	52.47	ug/L	92
54) o-xylene	10.099	106	158277	53.28	ug/L	90
55) Styrene	10.111	104	276544	54.73	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	174978	56.20	ug/L	98
59) Bromoform	10.291	173	74694	50.31	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	145157	56.93	ug/L	97
61) Isopropylbenzene	10.481	105	417579	54.64	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	355469	55.96	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	362022	56.25	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	179753	49.11	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	179188	48.56	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	186081	49.31	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.989	75	48259	60.61	ug/L	83
69) 1,3,5-Trichlorobenzene	13.208	180	122670	46.59	ug/L	99
70) 1,2,4-trichlorobenzene	13.828	180	99343	47.01	ug/L	98
71) Naphthalene	14.073	128	374972	54.65	ug/L	99
72) 1,2,3-Trichlorobenzene	14.317	180	104028	48.77	ug/L	99

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

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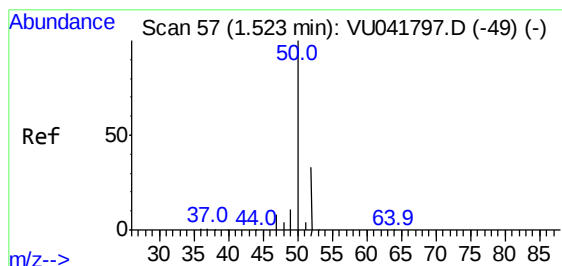
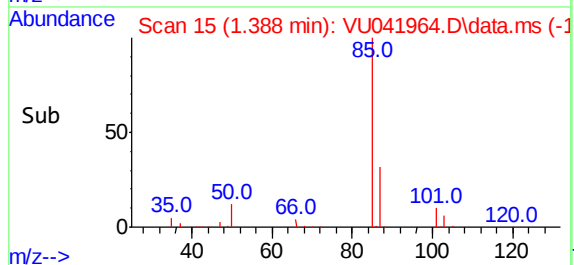
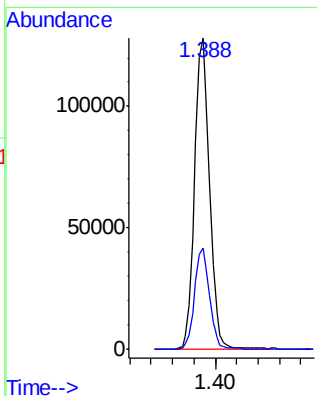
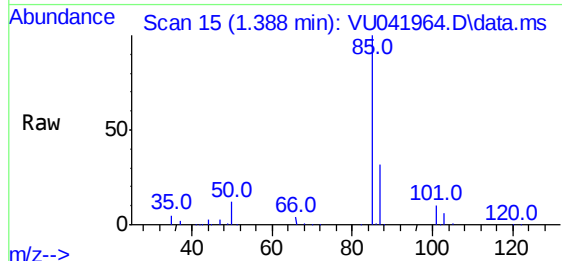




#2
Dichlorodifluoromethane
Concen: 56.39 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

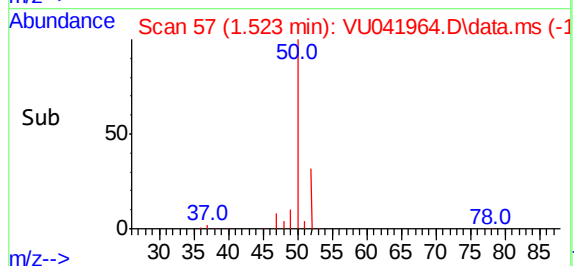
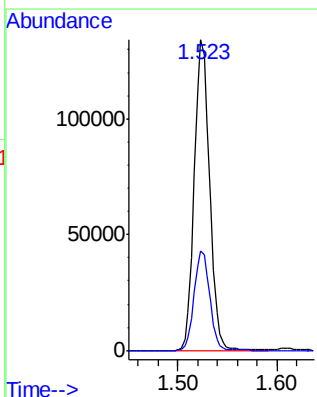
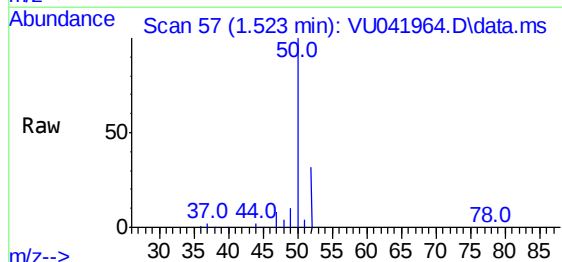
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

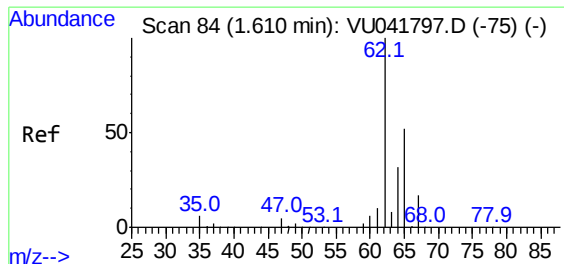
Tgt Ion: 85 Resp: 123484
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 72.01 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 50 Resp: 143745
Ion Ratio Lower Upper
50 100
52 32.2 24.1 44.8



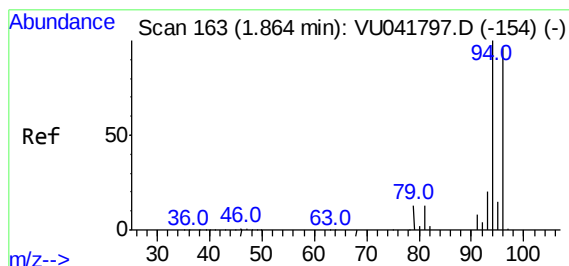
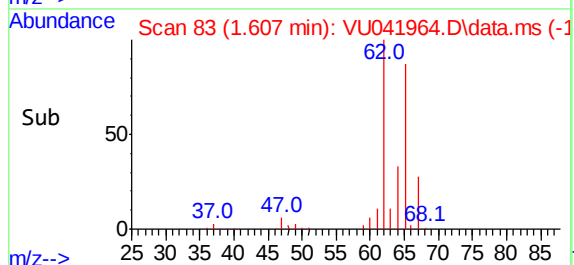
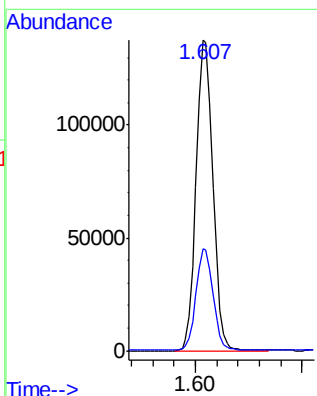
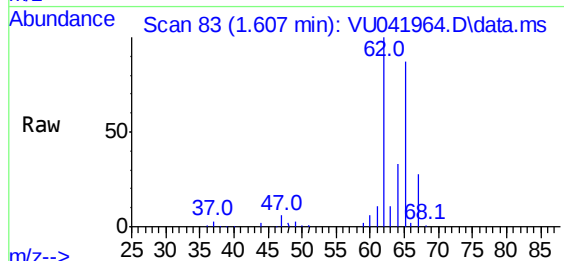


#5
 Vinyl chloride
 Concen: 67.04 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VU041964.D
 Acq: 12 Jan 2021 10:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050304

Tgt Ion: 62 Resp: 149117

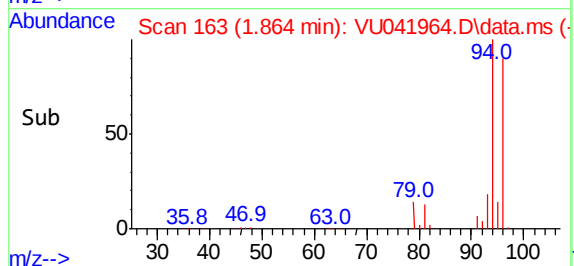
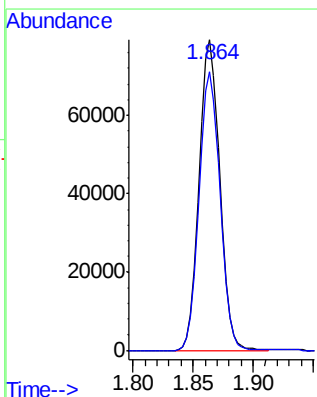
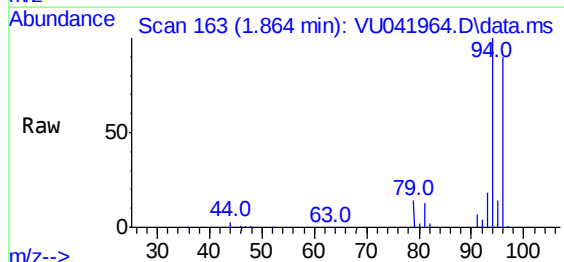
Ion	Ratio	Lower	Upper
62	100		
64	32.7	23.9	44.3

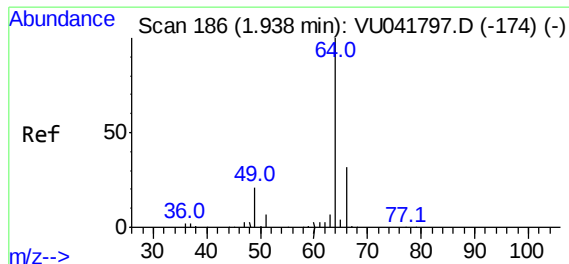


#6
 Bromomethane
 Concen: 55.72 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU041964.D
 Acq: 12 Jan 2021 10:32

Tgt Ion: 94 Resp: 91416

Ion	Ratio	Lower	Upper
94	100		
96	89.7	66.1	122.7

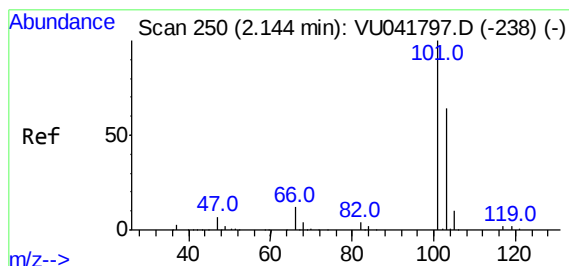
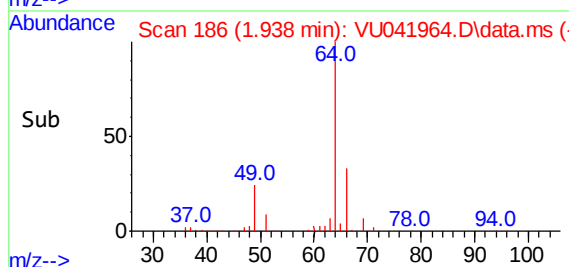
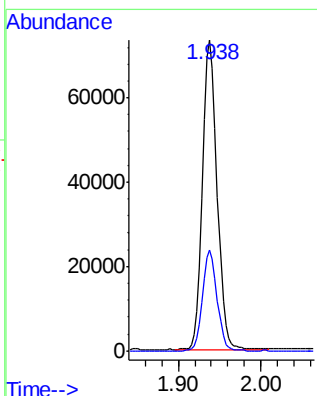
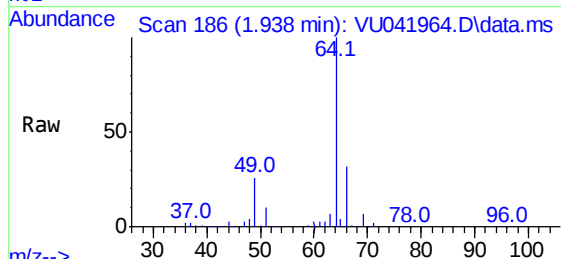




#8
Chloroethane
Concen: 60.75 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

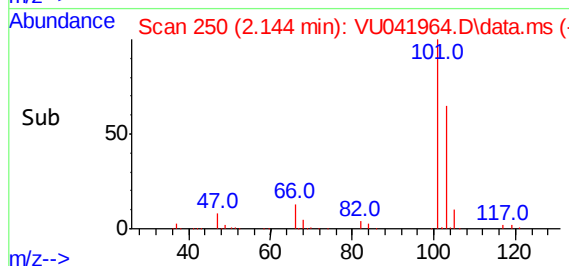
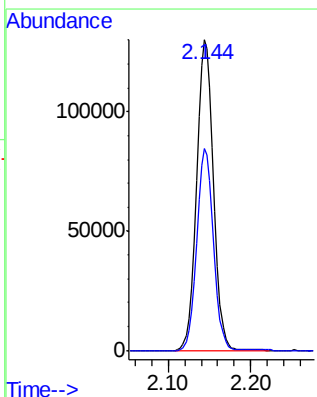
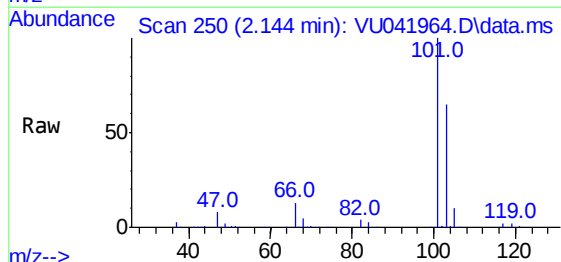
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

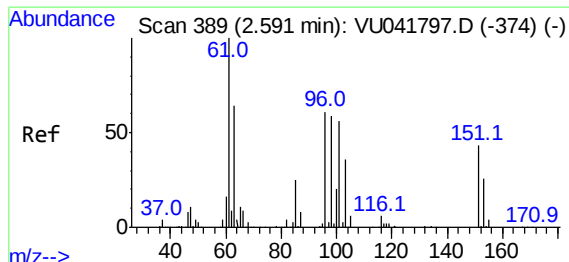
Tgt Ion: 64 Resp: 90336
Ion Ratio Lower Upper
64 100
66 32.4 21.6 40.0



#9
Trichlorofluoromethane
Concen: 57.50 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion:101 Resp: 187421
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0



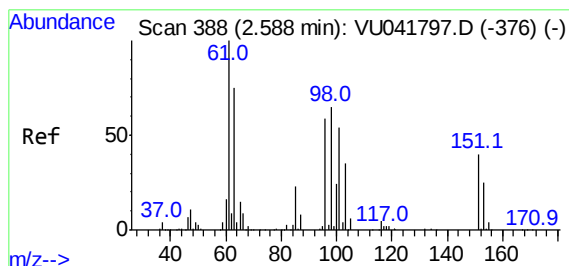
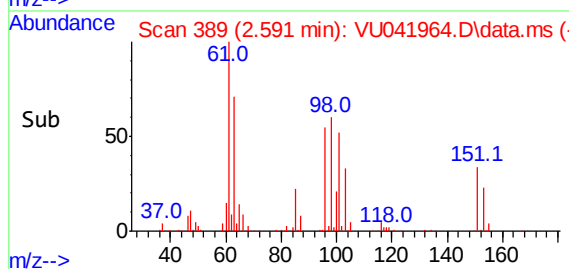
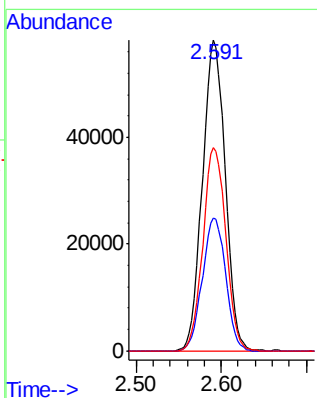
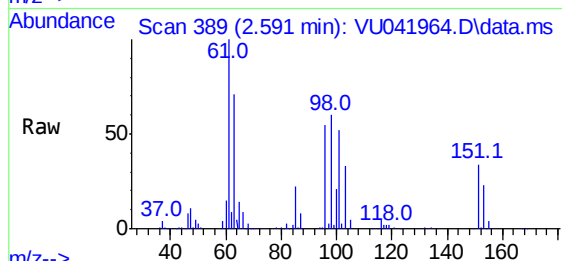


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 61.27 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VU041964.D
 Acq: 12 Jan 2021 10:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050304

Tgt Ion:101 Resp: 108205

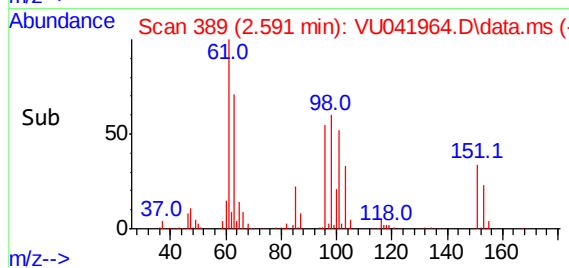
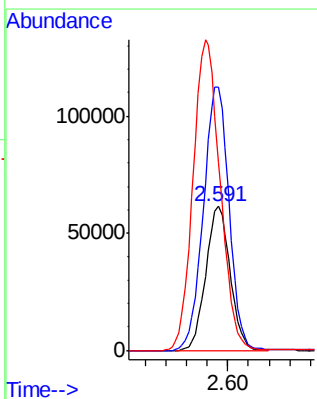
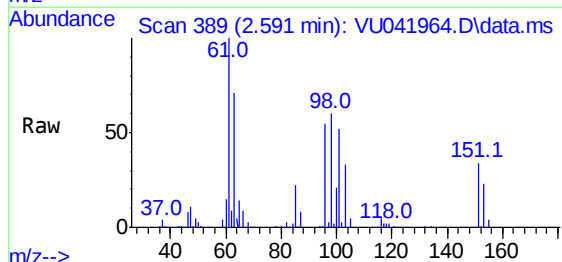
Ion	Ratio	Lower	Upper
101	100		
85	43.7	32.7	49.1
151	65.8	60.4	90.6

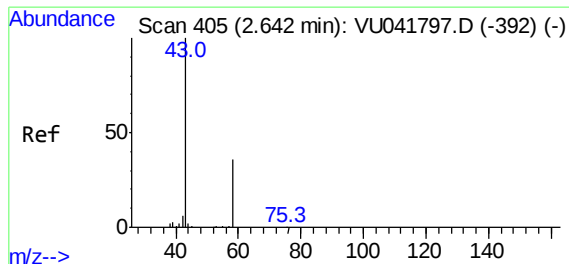


#12
 1,1-Dichloroethene
 Concen: 59.32 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VU041964.D
 Acq: 12 Jan 2021 10:32

Tgt Ion: 96 Resp: 100053

Ion	Ratio	Lower	Upper
96	100		
61	182.6	114.3	212.3
63	130.3	83.0	154.2

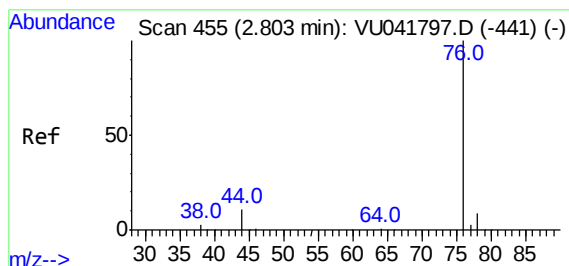
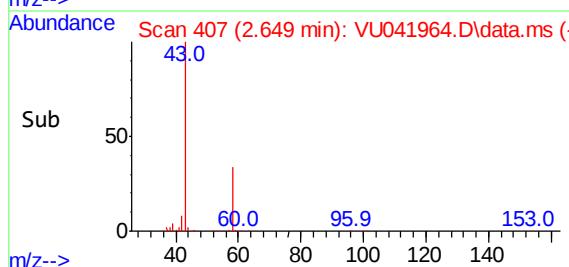
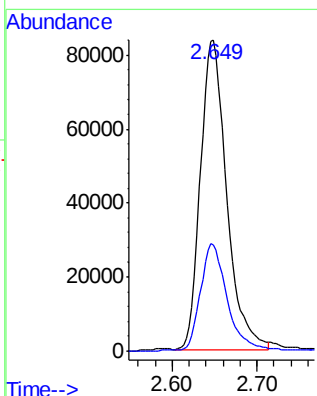
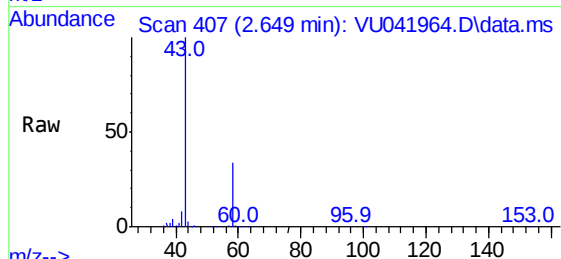




#13
Acetone
Concen: 160.40 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.006 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

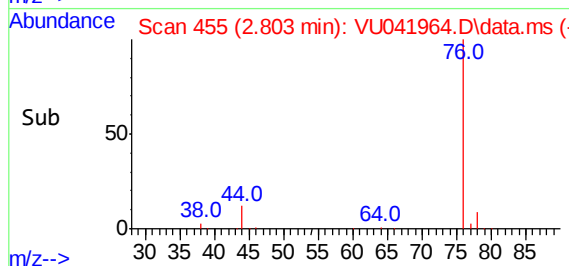
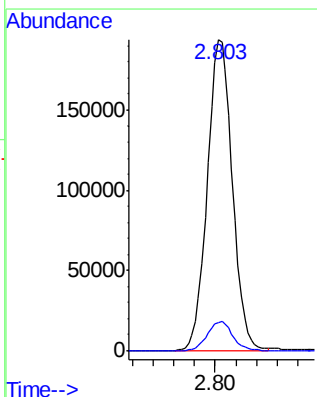
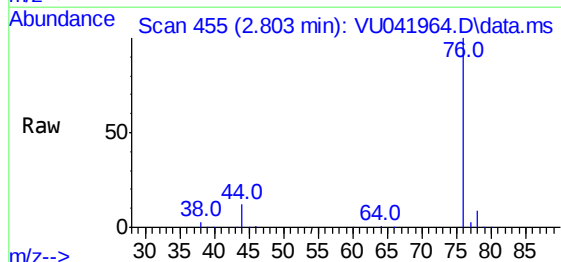
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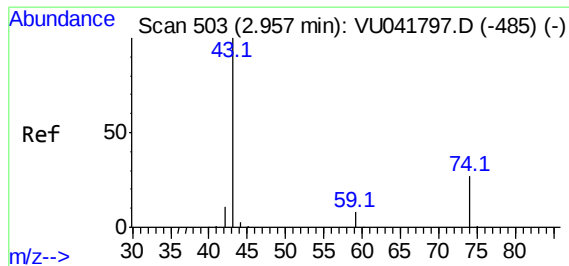
Tgt Ion: 43 Resp: 179216
Ion Ratio Lower Upper
43 100
58 35.0 0.0 70.8



#14
Carbon disulfide
Concen: 60.30 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 76 Resp: 326284
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

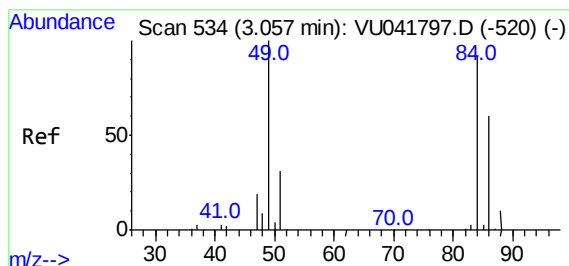
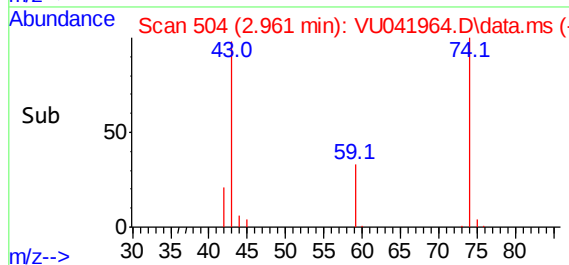
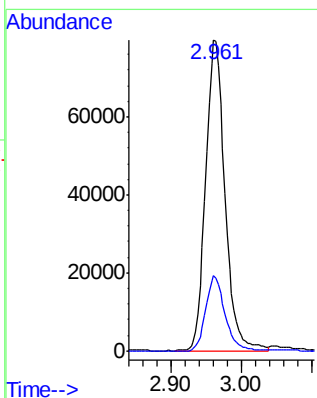
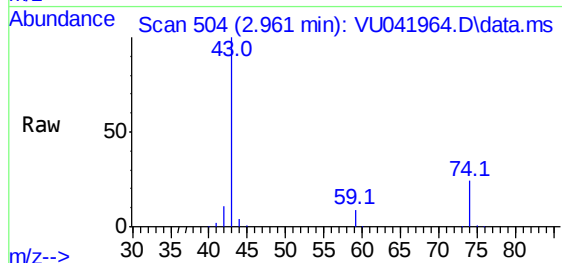




#15
Methyl Acetate
Concen: 71.59 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

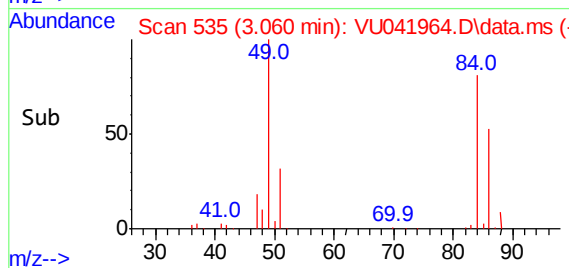
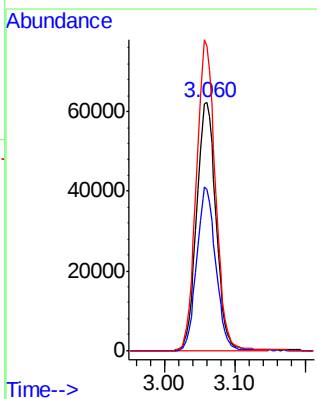
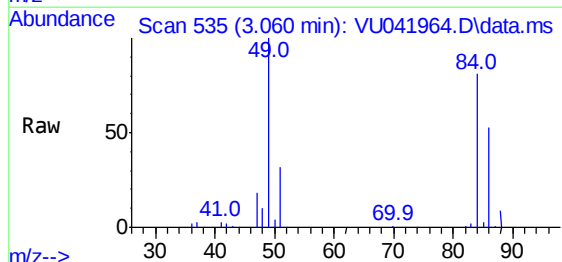
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

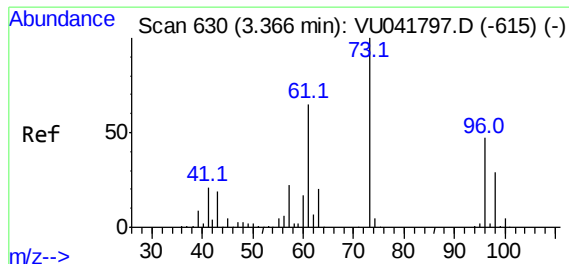
Tgt Ion: 43 Resp: 152280
Ion Ratio Lower Upper
43 100
74 24.1 22.1 33.1



#16
Methylene chloride
Concen: 61.39 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 84 Resp: 118377
Ion Ratio Lower Upper
84 100
86 65.1 44.0 81.6
49 122.8 75.0 139.4

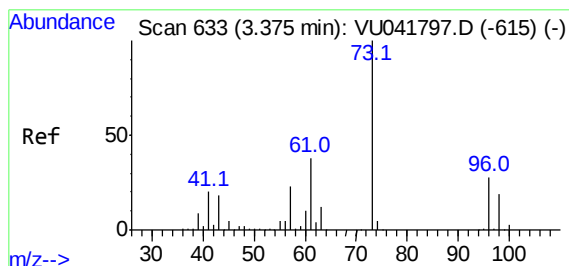
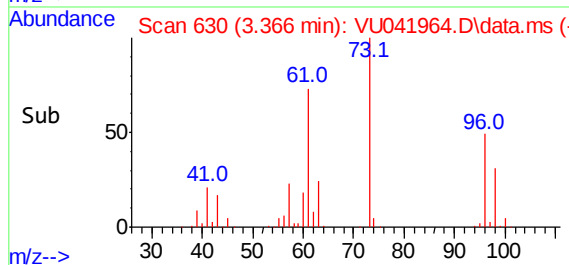
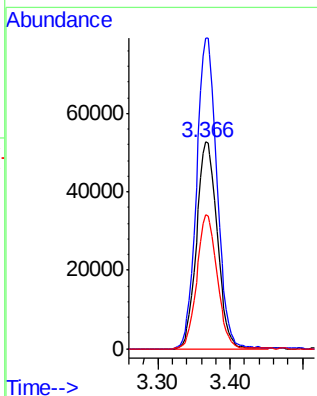
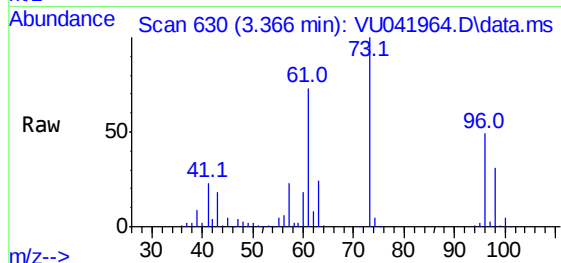




#17
trans-1,2-Dichloroethene
Concen: 59.90 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

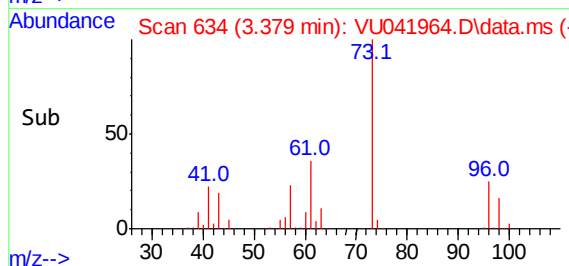
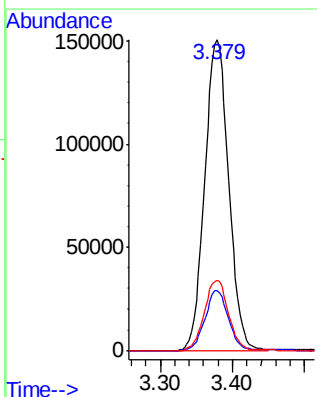
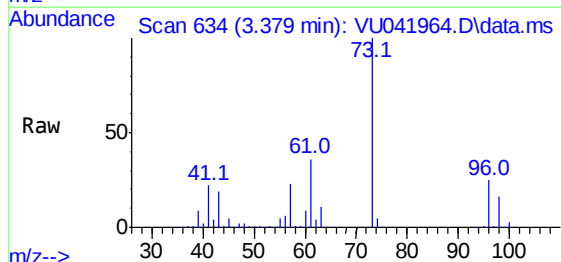
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

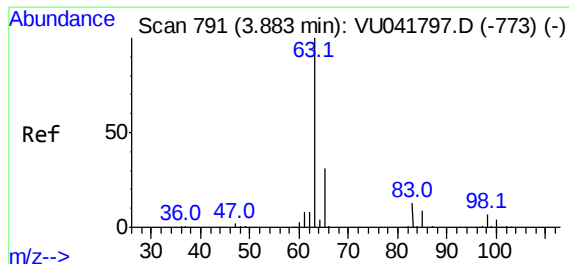
Tgt Ion: 96 Resp: 104739
Ion Ratio Lower Upper
96 100
61 150.5 92.6 172.0
98 64.7 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 63.64 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 73 Resp: 345415
Ion Ratio Lower Upper
73 100
43 18.7 14.8 22.2
57 22.6 17.0 25.6



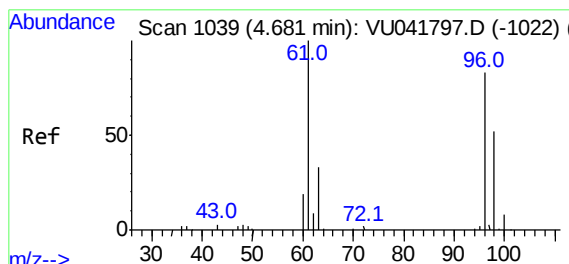
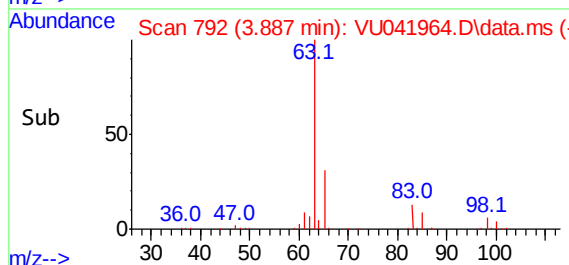
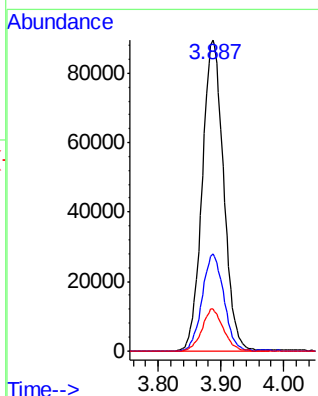
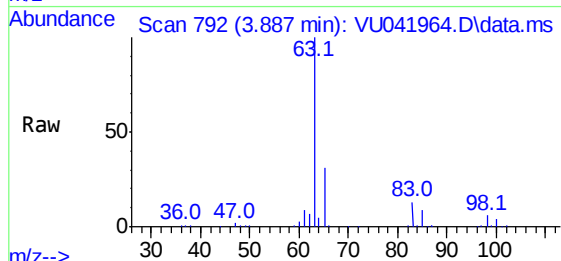


#19
1,1-Dichloroethane
Concen: 66.15 ug/L
RT: 3.887 min Scan# 792
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion: 63 Resp: 211310

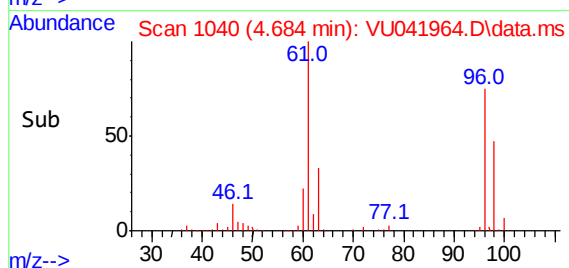
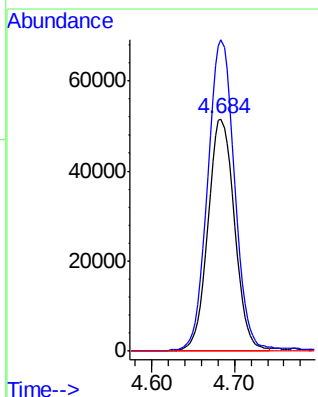
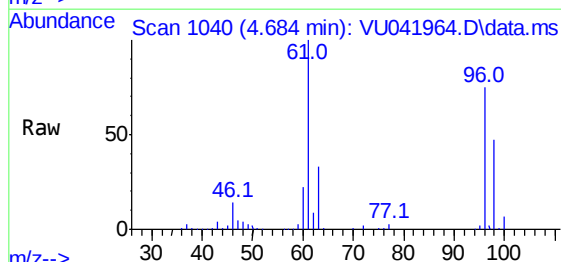
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.9	42.5
83	13.4	10.3	19.1

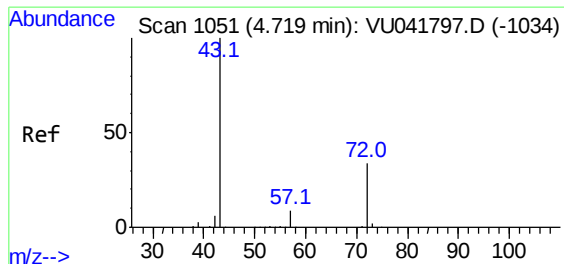


#20
cis-1,2-Dichloroethene
Concen: 59.50 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 96 Resp: 113961

Ion	Ratio	Lower	Upper
96	100		
61	134.2	83.7	155.5
68	0.0	0.0	0.0

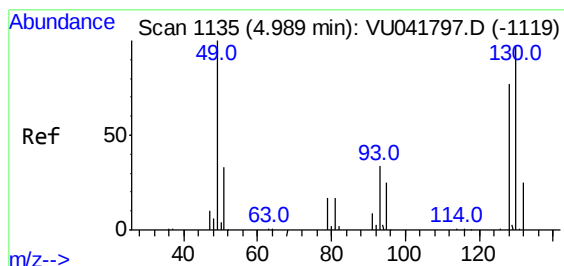
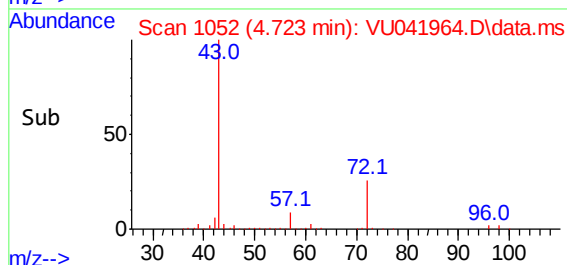
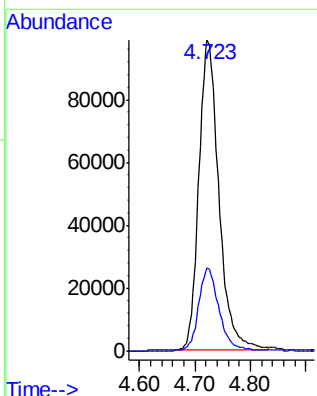
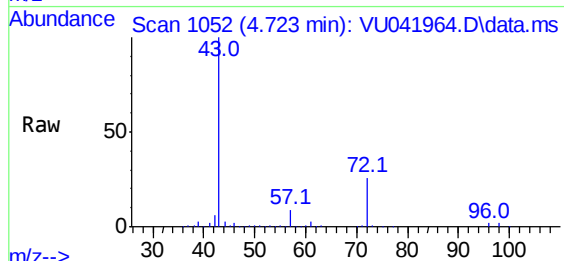




#22
2-Butanone
Concen: 152.64 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

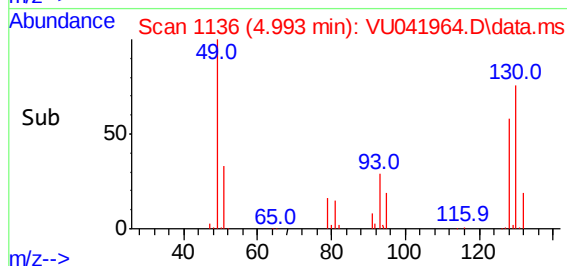
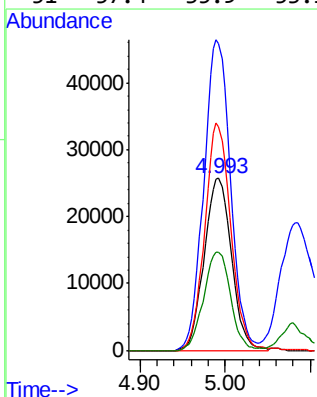
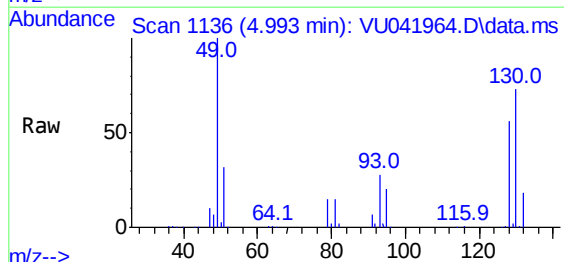
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

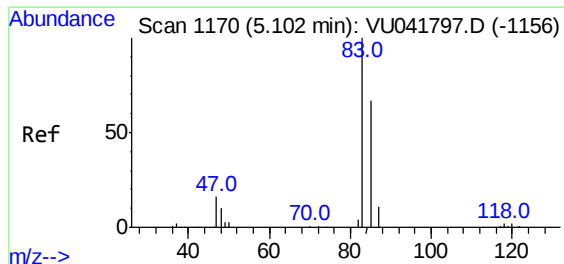
Tgt Ion: 43 Resp: 245390
Ion Ratio Lower Upper
43 100
72 27.2 15.6 46.8



#23
Bromochloromethane
Concen: 55.55 ug/L
RT: 4.993 min Scan# 1136
Delta R.T. 0.004 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion:128 Resp: 57053
Ion Ratio Lower Upper
128 100
49 178.5 97.9 181.9
130 130.2 90.9 168.9
51 57.4 35.9 53.9#

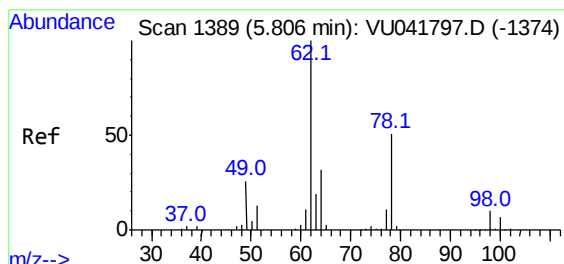
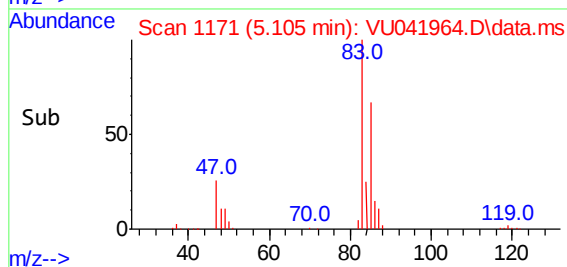
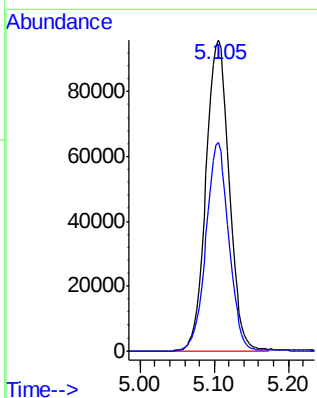
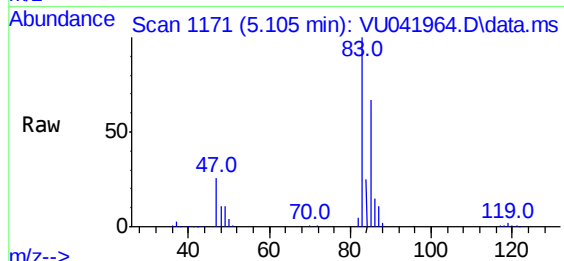




#25
Chloroform
Concen: 61.94 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

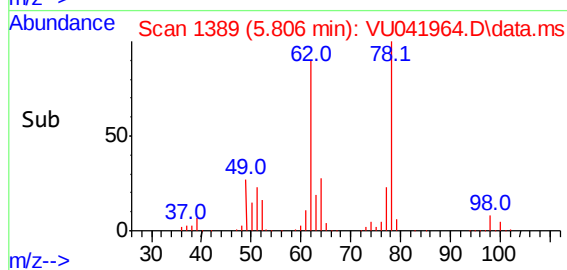
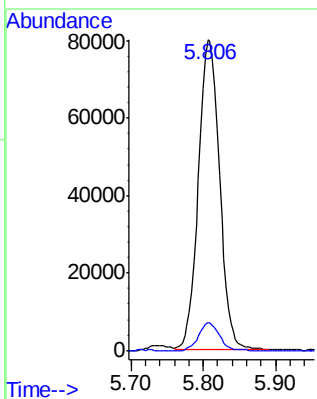
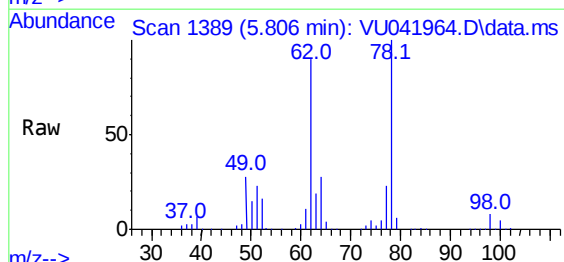
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

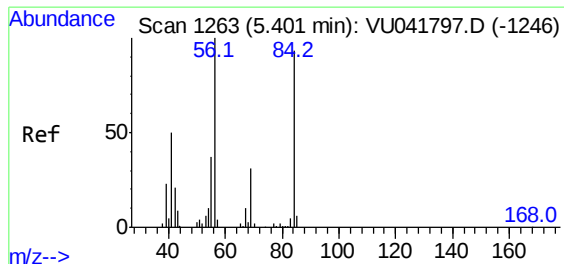
Tgt Ion: 83 Resp: 208579
Ion Ratio Lower Upper
83 100
85 67.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 61.54 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 62 Resp: 161716
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7

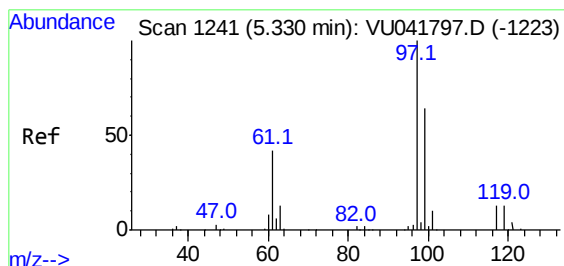
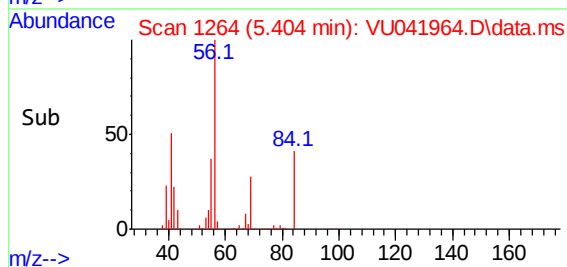
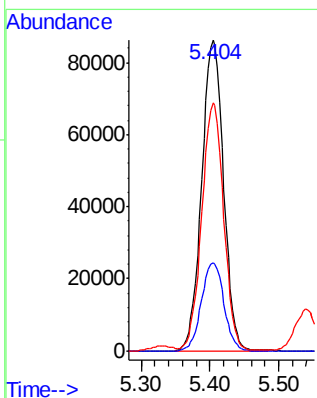
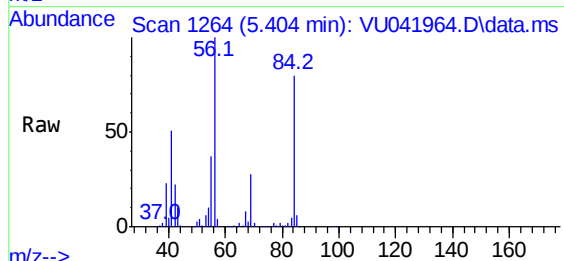




#29
Cyclohexane
Concen: 73.19 ug/L
RT: 5.404 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

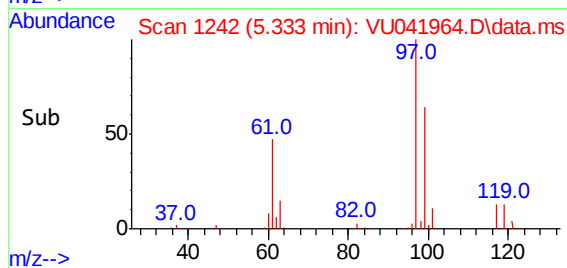
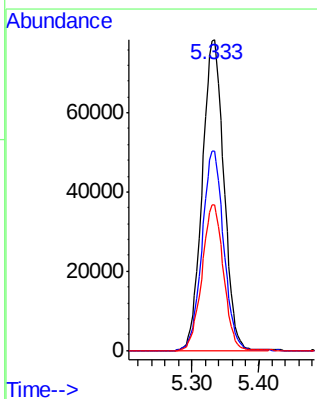
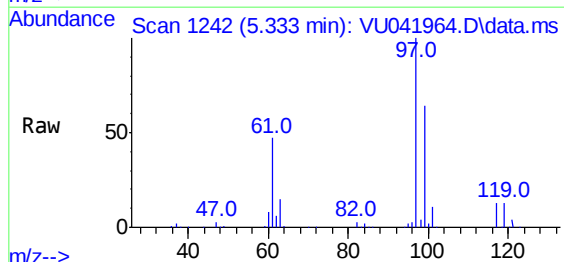
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

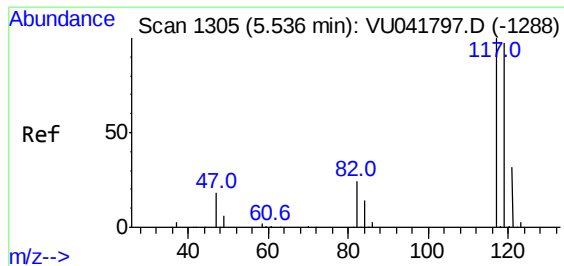
Tgt Ion: 56 Resp: 189758
Ion Ratio Lower Upper
56 100
69 29.2 25.0 37.6
84 80.4 72.6 109.0



#30
1,1,1-Trichloroethane
Concen: 62.87 ug/L
RT: 5.333 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 97 Resp: 175889
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 46.4 33.4 50.0

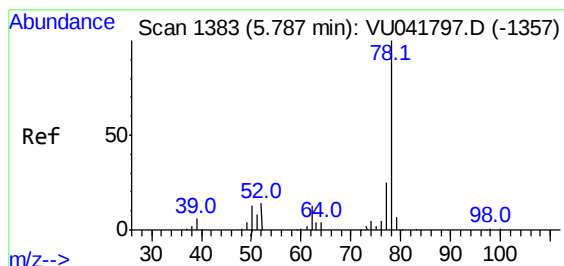
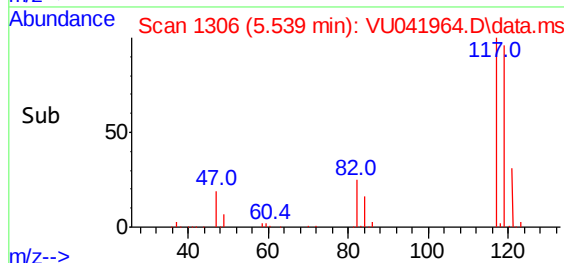
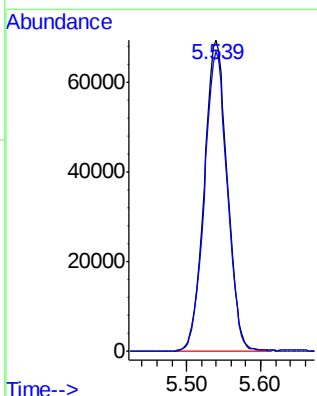
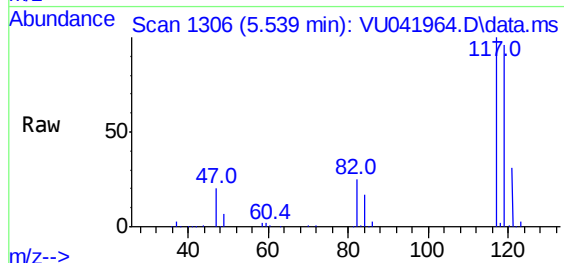




#31
Carbon tetrachloride
Concen: 61.26 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

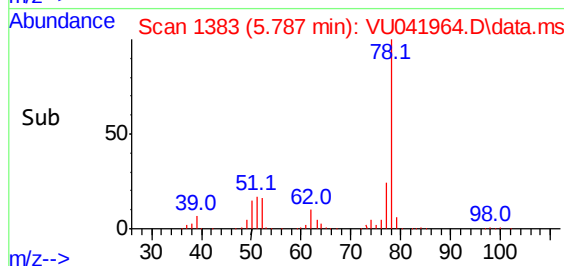
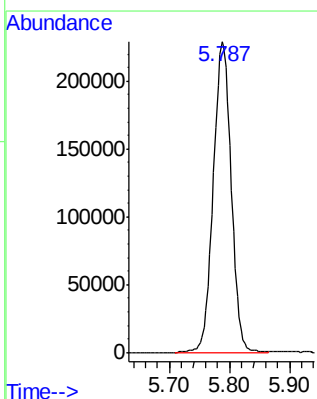
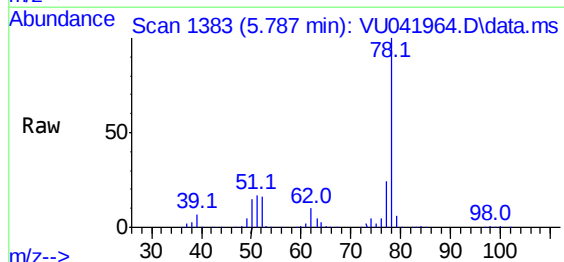
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

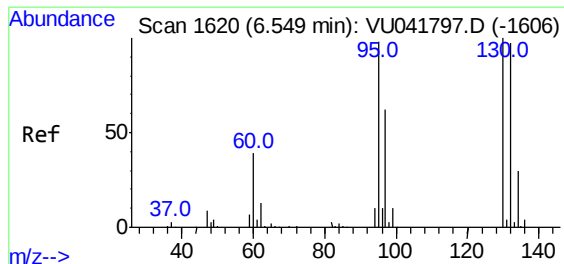
Tgt Ion:117 Resp: 149537
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8



#33
Benzene
Concen: 65.32 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 78 Resp: 465538



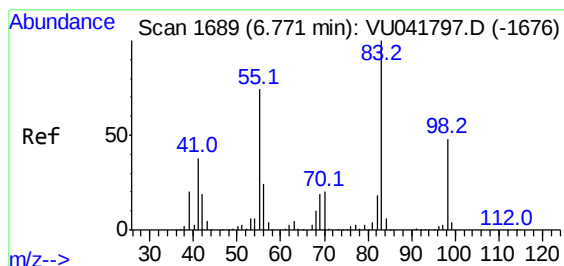
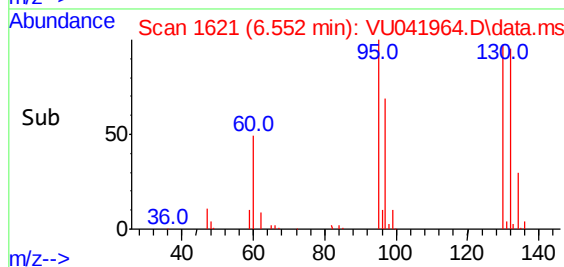
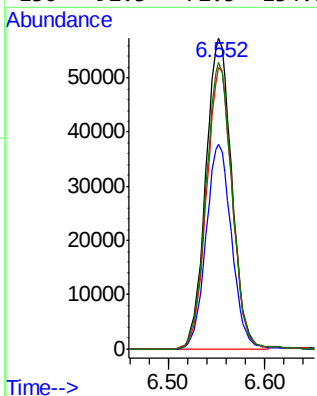
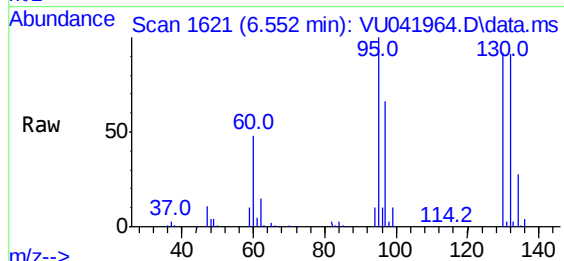


#34
Trichloroethene
Concen: 57.78 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion: 95 Resp: 106693

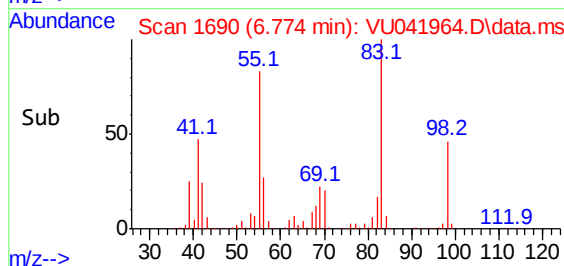
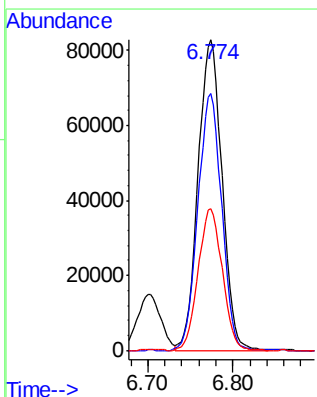
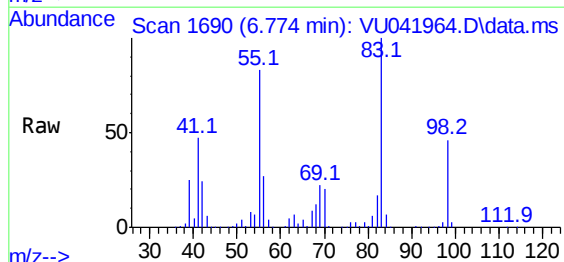
Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.5	82.7
132	90.7	66.7	123.9
130	92.3	72.5	134.7

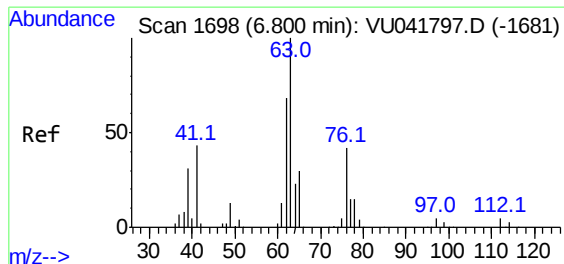


#35
Methylcyclohexane
Concen: 55.23 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 83 Resp: 161690

Ion	Ratio	Lower	Upper
83	100		
55	82.3	57.8	86.6
98	46.1	37.7	56.5

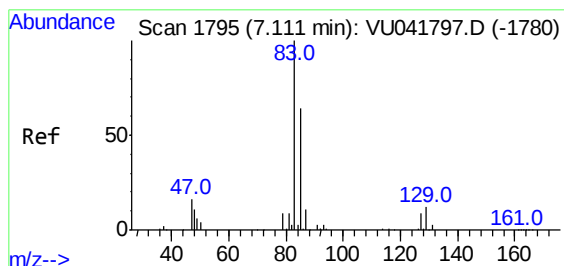
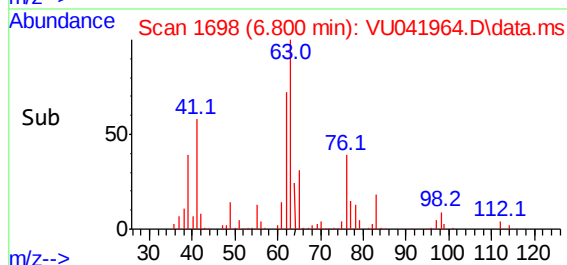
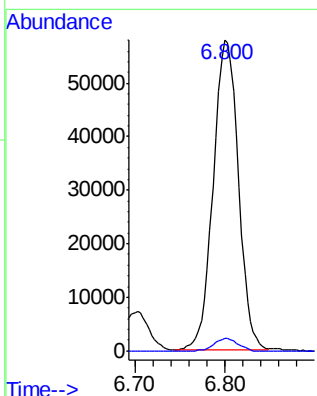
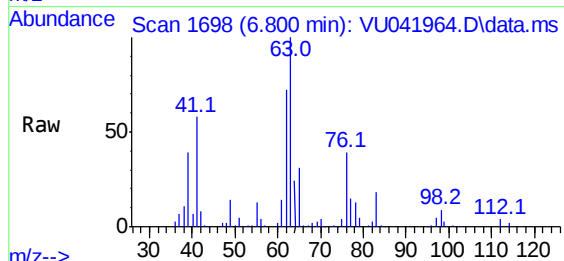




#37
1,2-Dichloropropane
Concen: 62.53 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

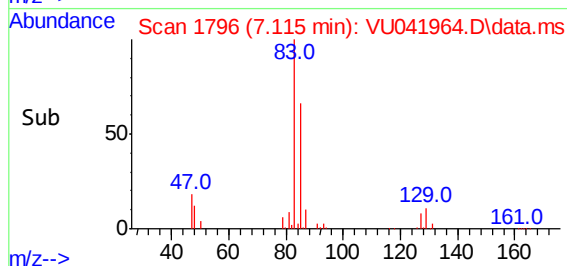
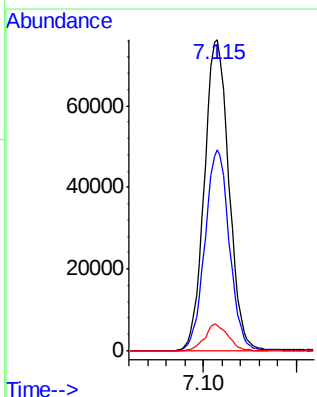
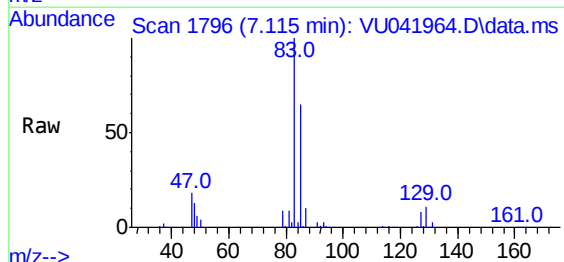
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

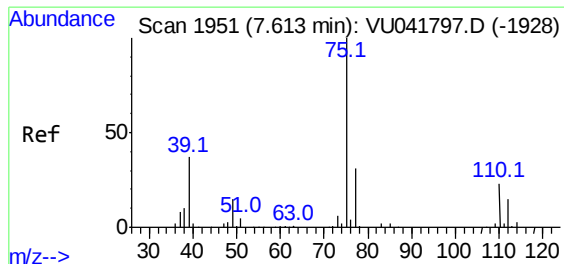
Tgt Ion: 63 Resp: 111935
Ion Ratio Lower Upper
63 100
112 3.7 3.5 5.3



#38
Bromodichloromethane
Concen: 57.49 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 83 Resp: 139356
Ion Ratio Lower Upper
83 100
85 64.7 45.9 85.3
127 8.2 7.5 11.3

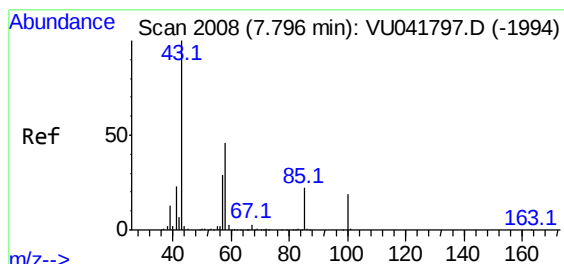
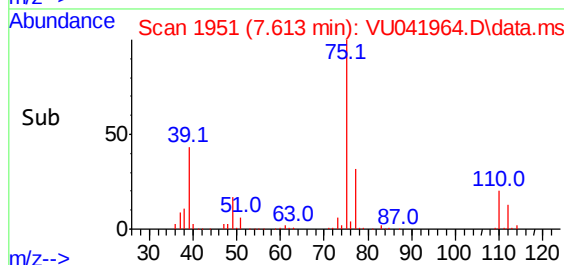
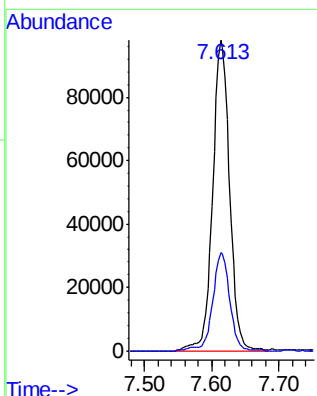
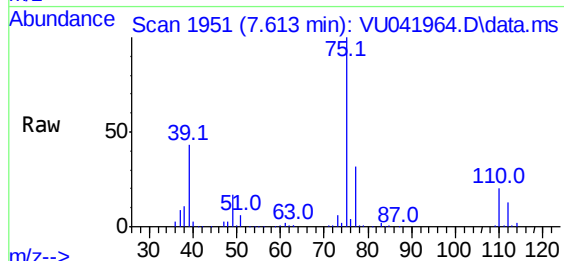




#39
cis-1,3-Dichloropropene
Concen: 60.58 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

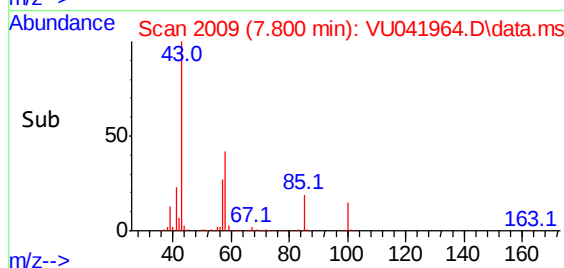
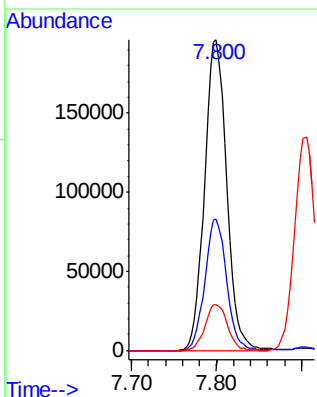
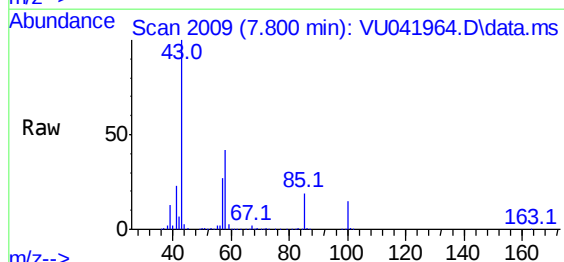
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

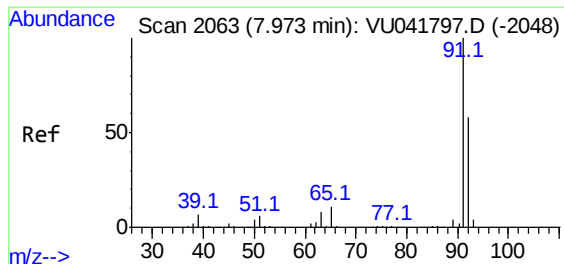
Tgt Ion: 75 Resp: 172843
Ion Ratio Lower Upper
75 100
77 31.6 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 134.49 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 43 Resp: 353525
Ion Ratio Lower Upper
43 100
58 41.7 36.1 54.1
100 15.0 14.9 22.3

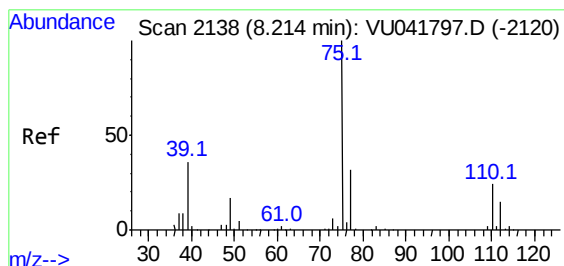
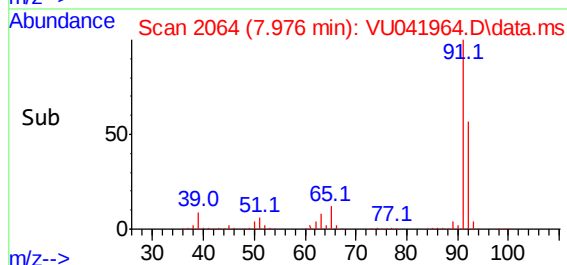
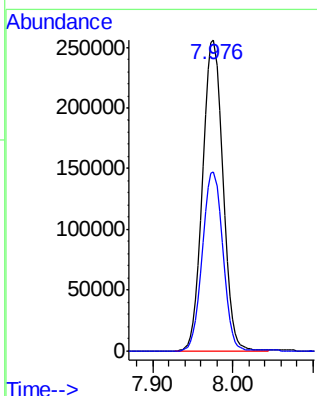
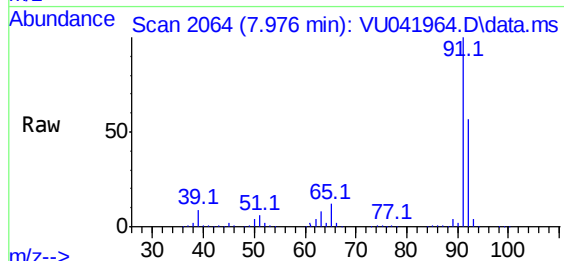




#42
Toluene
Concen: 57.39 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

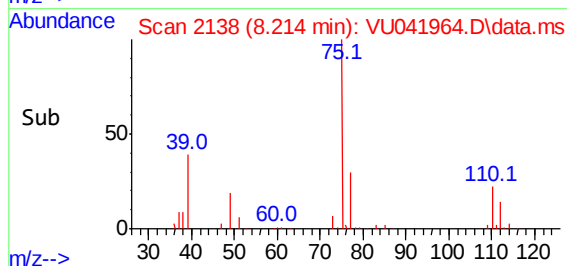
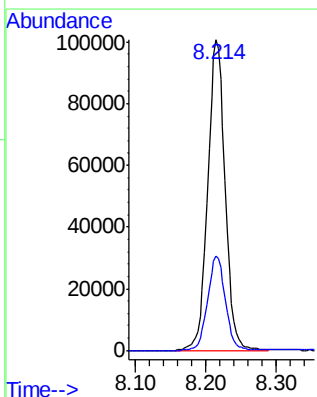
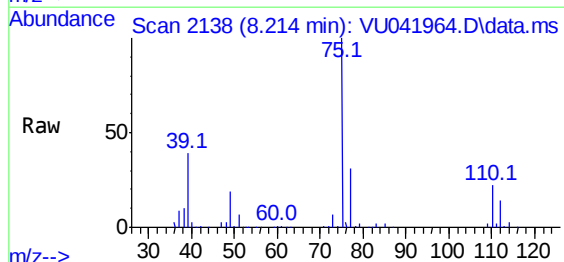
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

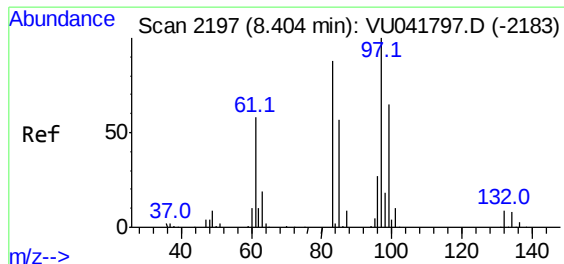
Tgt Ion: 91 Resp: 431866
Ion Ratio Lower Upper
91 100
92 57.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 62.31 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 75 Resp: 172289
Ion Ratio Lower Upper
75 100
77 30.5 23.0 42.6



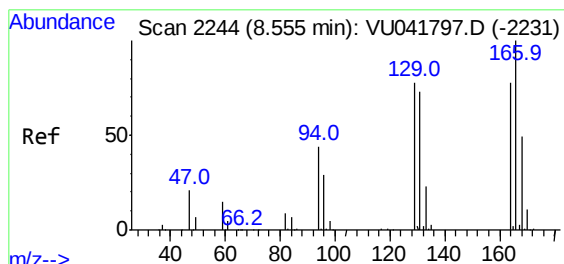
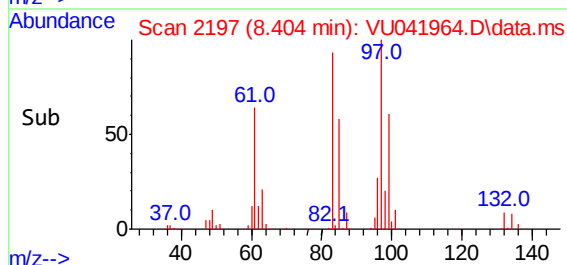
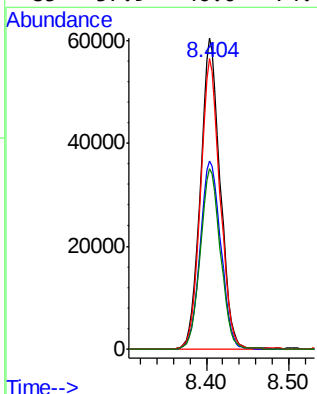
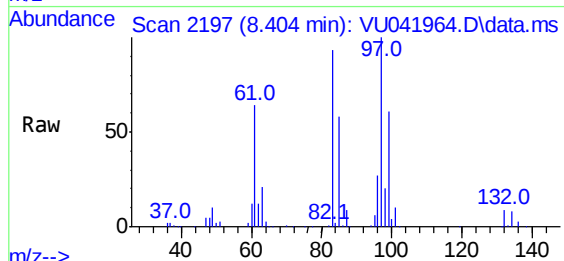


#45
1,1,2-Trichloroethane
Concen: 55.48 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion: 97 Resp: 100483

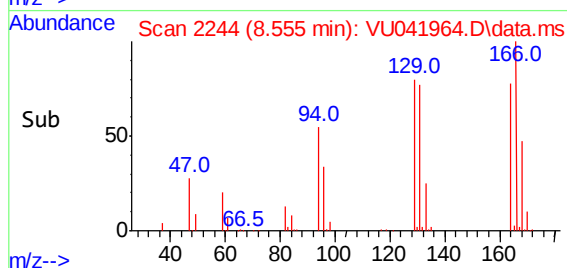
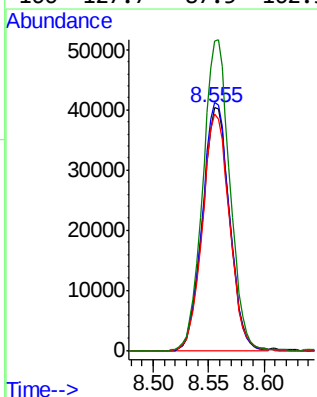
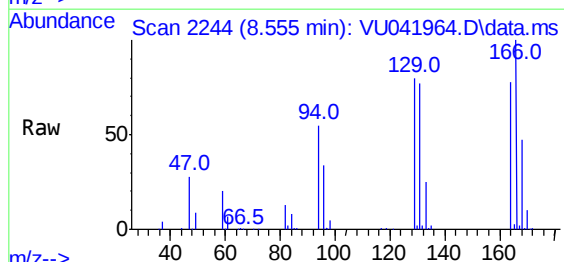
Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.3	80.3
83	93.2	61.4	114.0
85	57.9	40.0	74.4

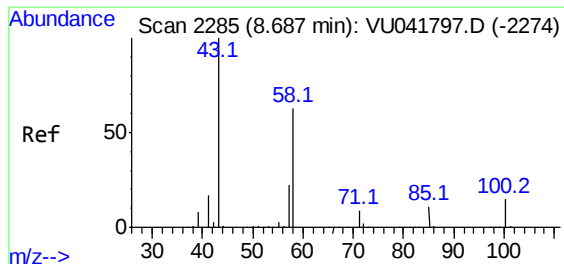


#46
Tetrachloroethene
Concen: 47.43 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 164 Resp: 67969

Ion	Ratio	Lower	Upper
164	100		
129	102.3	64.5	119.9
131	97.7	62.5	116.1
166	127.7	87.5	162.5



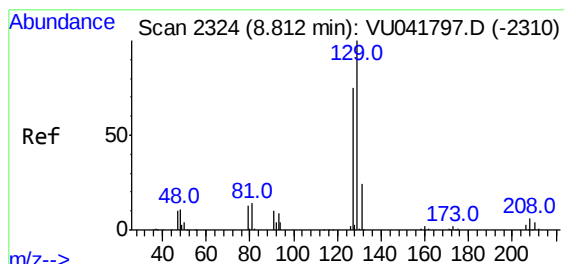
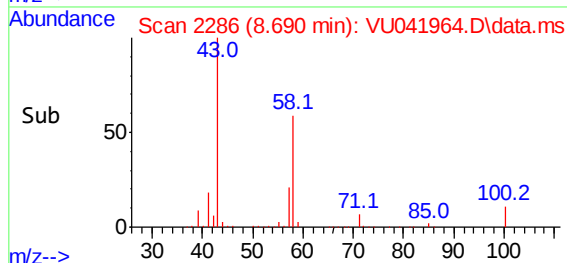
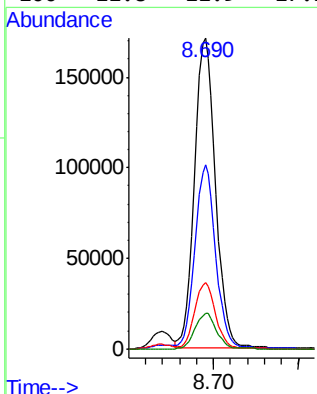
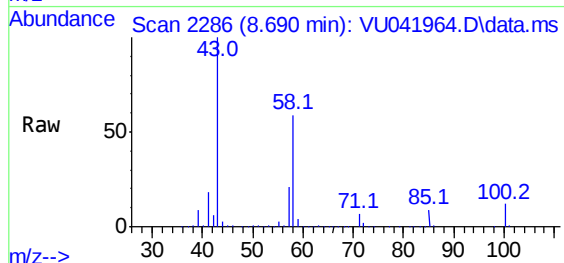


#48
2-Hexanone
Concen: 136.73 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion: 43 Resp: 292012

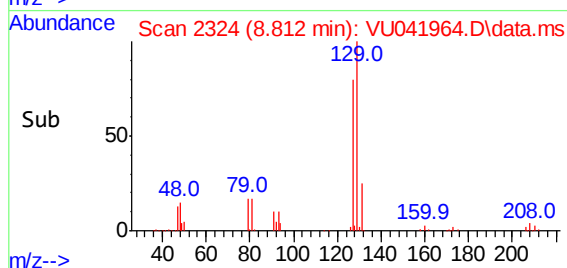
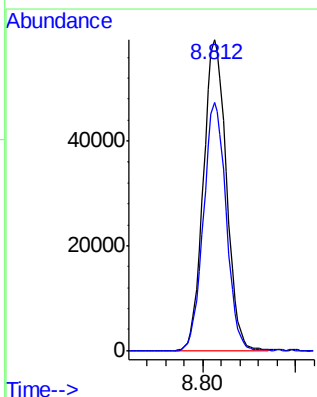
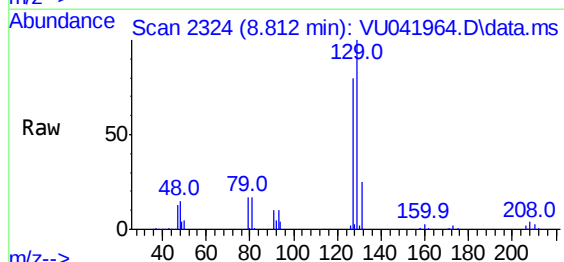
Ion	Ratio	Lower	Upper
43	100		
58	58.3	50.4	75.6
57	21.4	17.9	26.9
100	11.8	11.9	17.9

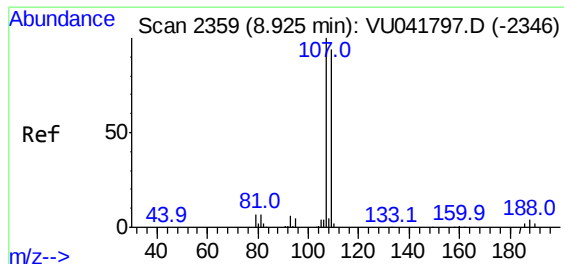


#49
Dibromochloromethane
Concen: 51.91 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 129 Resp: 101807

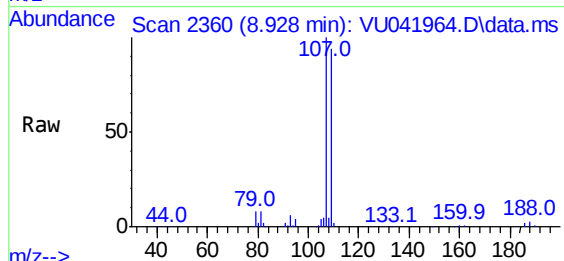
Ion	Ratio	Lower	Upper
129	100		
127	79.8	56.6	105.2



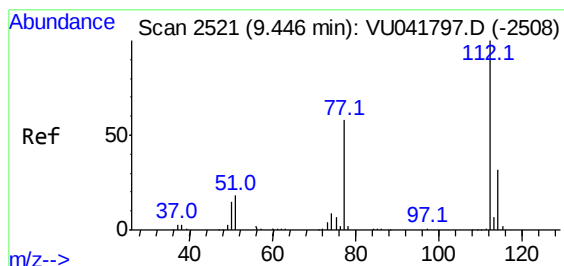
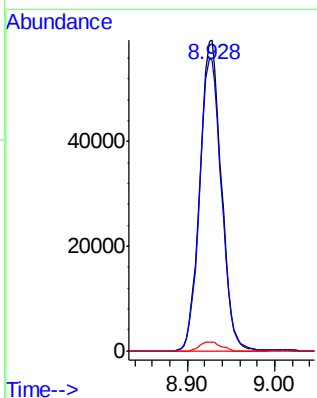
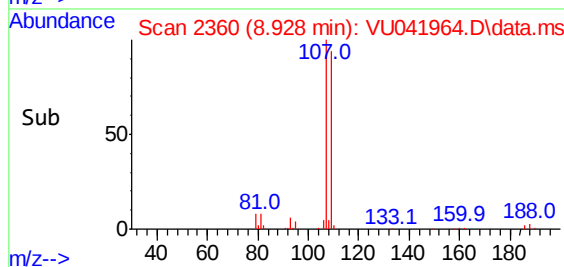


#50
1,2-Dibromoethane
Concen: 53.44 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

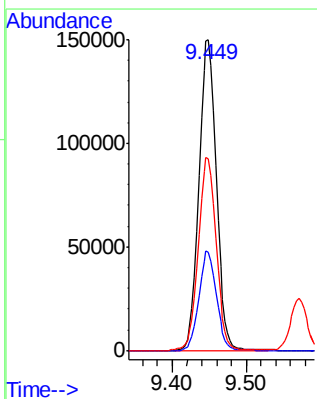
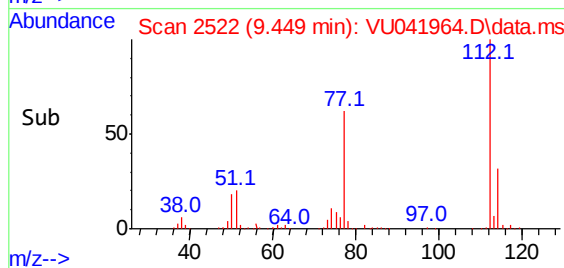
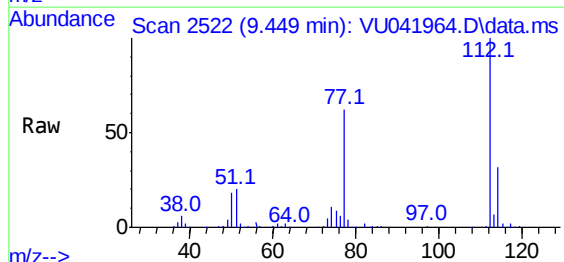


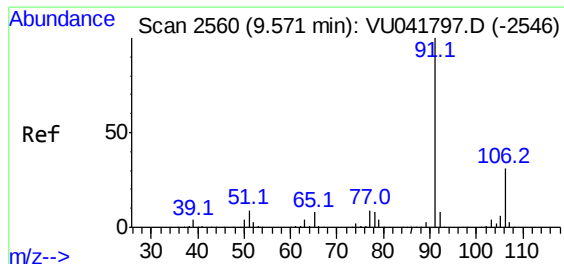
Tgt Ion:107 Resp: 101041
Ion Ratio Lower Upper
107 100
109 93.6 65.7 122.1
188 2.8 2.9 4.3#



#51
Chlorobenzene
Concen: 51.10 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion:112 Resp: 245597
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 61.7 46.0 69.0

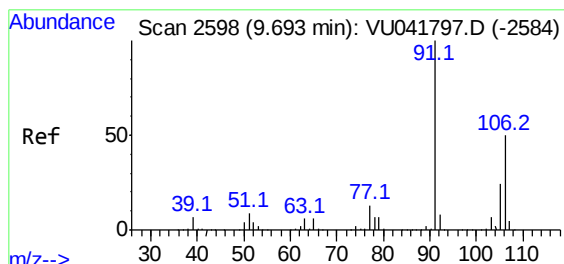
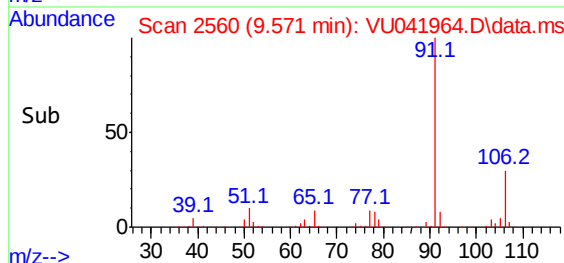
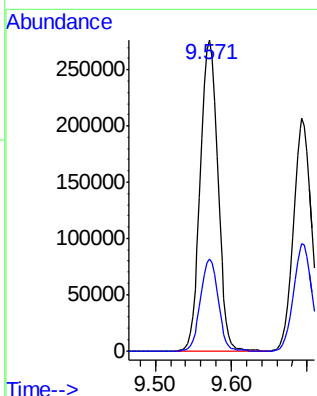
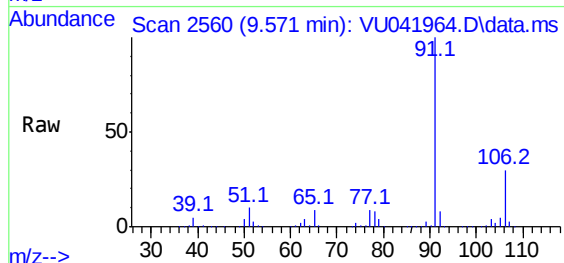




#52
Ethylbenzene
Concen: 55.33 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

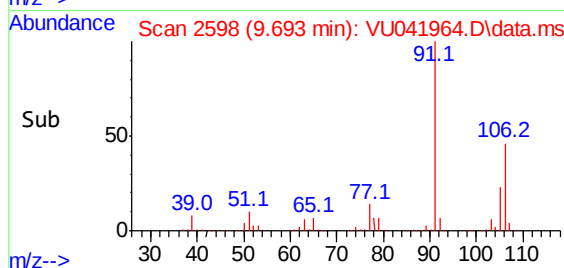
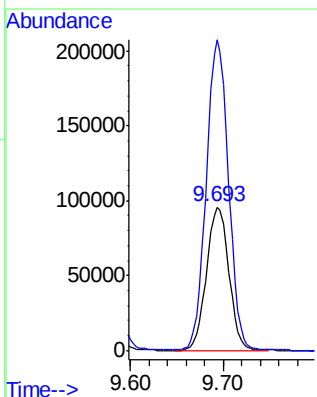
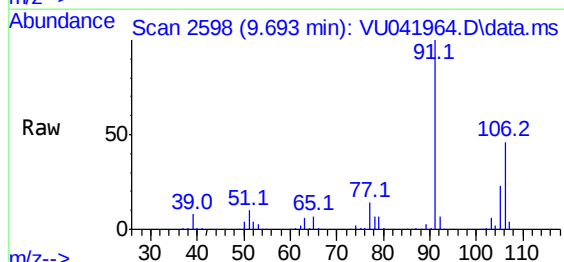
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

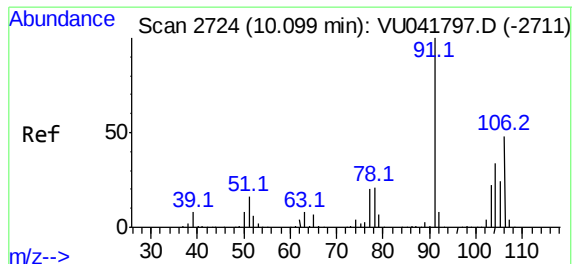
Tgt Ion: 91 Resp: 438214
Ion Ratio Lower Upper
91 100
106 29.7 21.5 39.9



#53
m,p-Xylene
Concen: 52.47 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 106 Resp: 159659
Ion Ratio Lower Upper
106 100
91 216.3 143.2 266.0

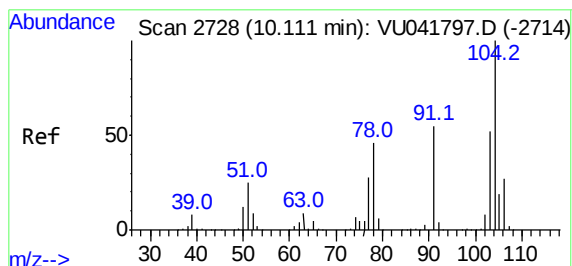
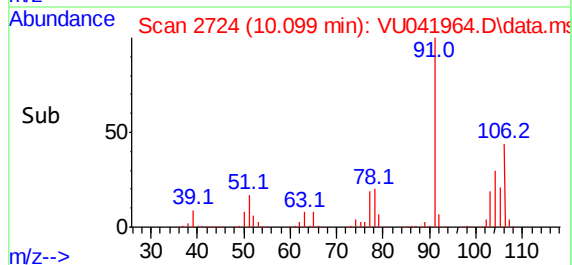
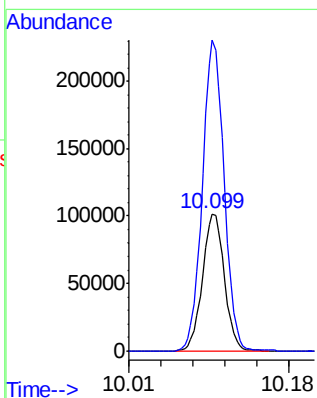
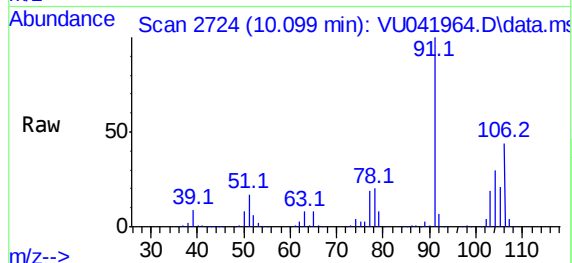




#54
o-xylene
Concen: 53.28 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

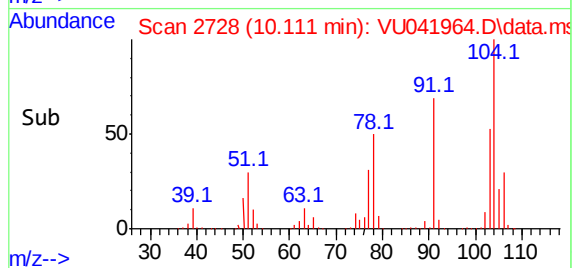
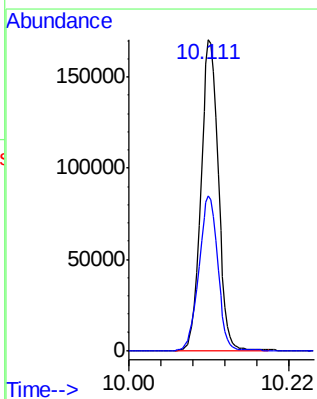
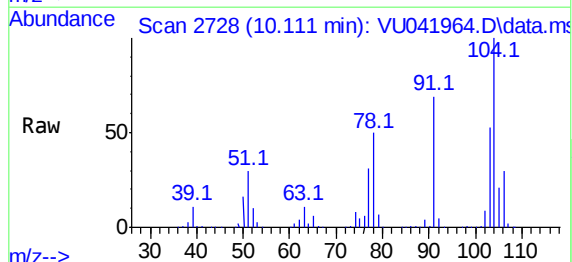
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

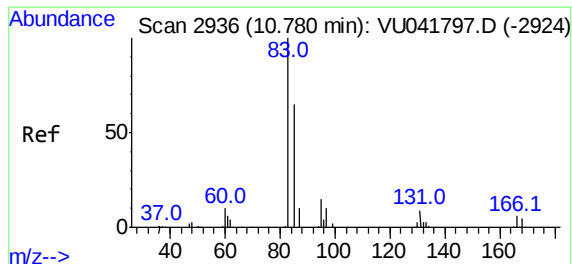
Tgt Ion:106 Resp: 158277
Ion Ratio Lower Upper
106 100
91 226.4 147.2 273.4



#55
Styrene
Concen: 54.73 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion:104 Resp: 276544
Ion Ratio Lower Upper
104 100
78 50.0 33.1 61.5

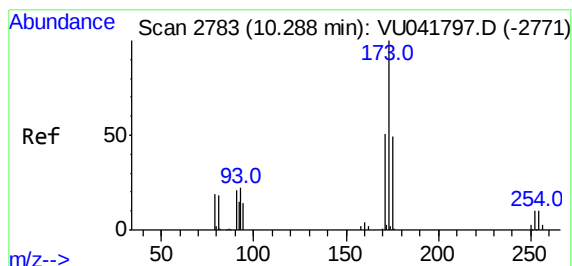
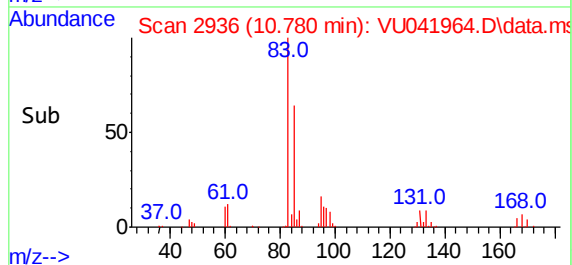
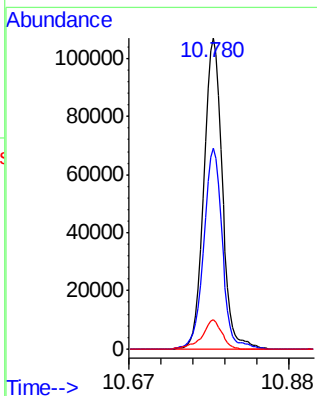
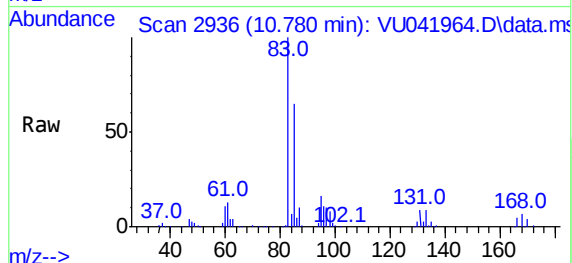




#57
1,1,2,2-Tetrachloroethane
Concen: 56.20 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

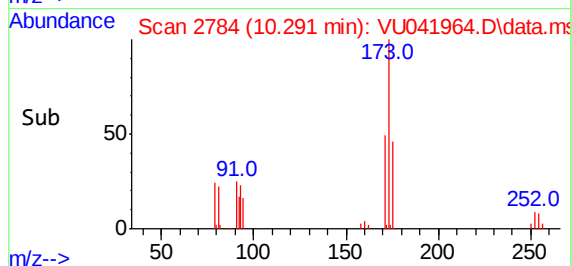
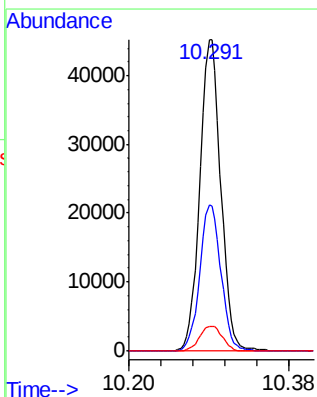
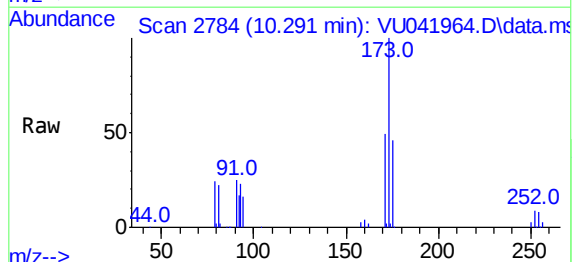
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

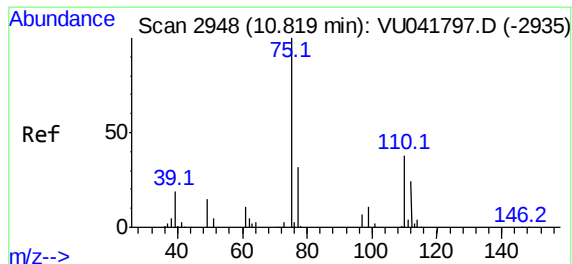
Tgt Ion: 83 Resp: 174978
Ion Ratio Lower Upper
83 100
85 64.5 46.1 85.7
131 9.3 7.5 11.3



#59
Bromoform
Concen: 50.31 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion:173 Resp: 74694
Ion Ratio Lower Upper
173 100
175 47.3 38.3 57.5
254 8.3 7.6 11.4

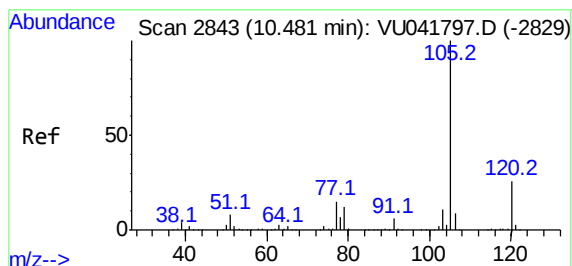
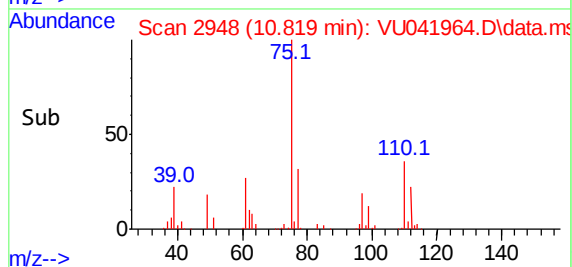
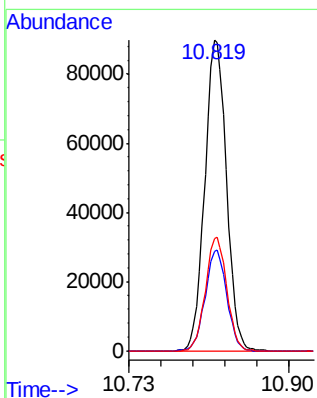
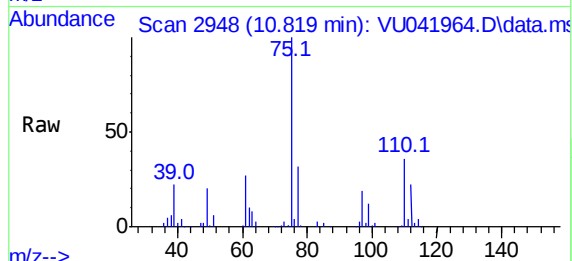




#60
1,2,3-Trichloropropane
Concen: 56.93 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

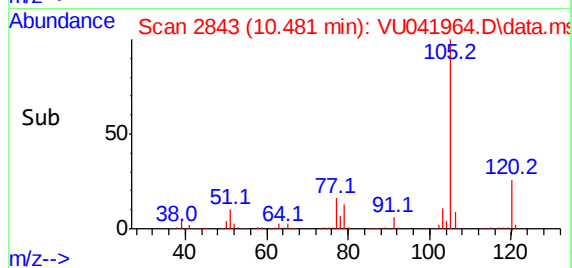
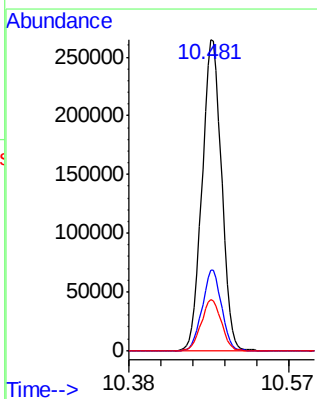
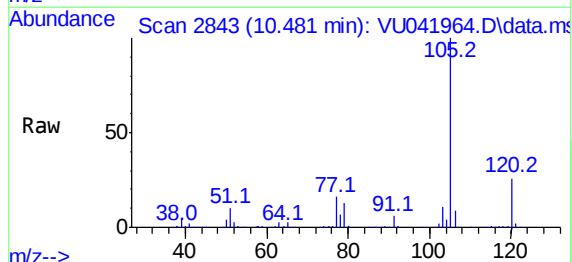
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

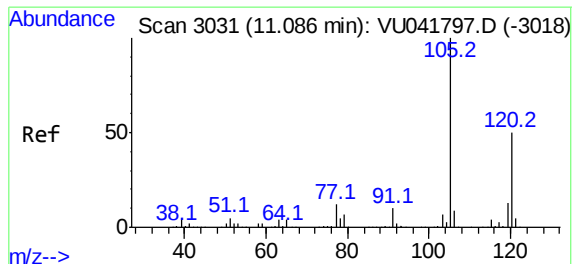
Tgt Ion: 75 Resp: 145157
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 35.9 30.5 45.7



#61
Isopropylbenzene
Concen: 54.64 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 105 Resp: 417579
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 16.7 12.6 18.8

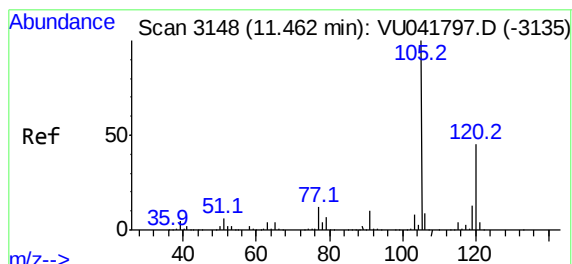
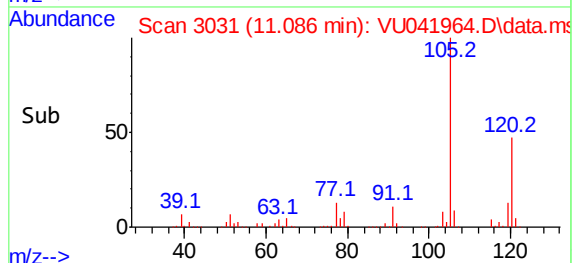
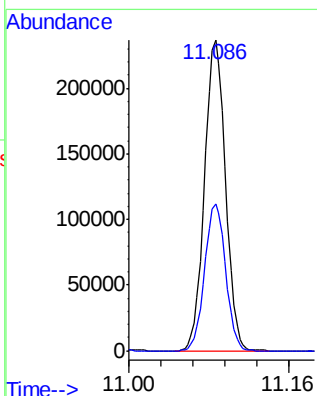
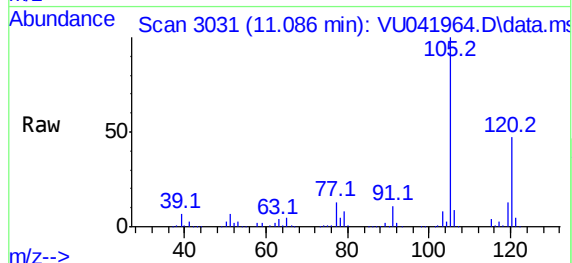




#62
1,3,5-Trimethylbenzene
Concen: 55.96 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

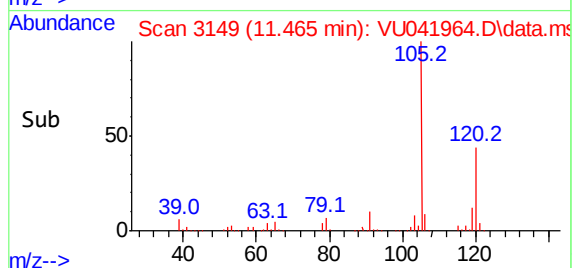
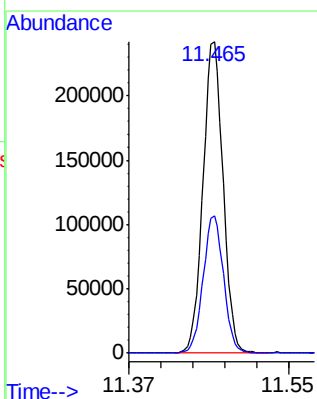
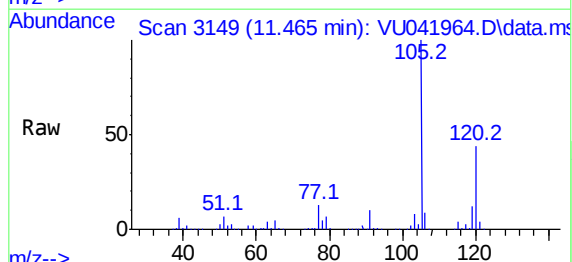
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

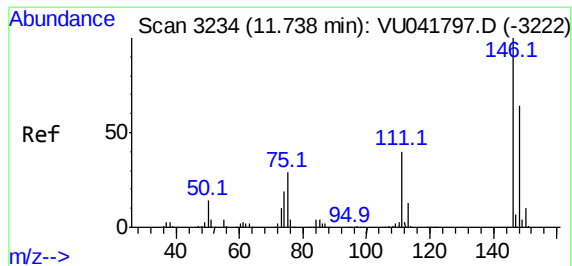
Tgt Ion:105 Resp: 355469
Ion Ratio Lower Upper
105 100
120 47.4 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 56.25 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion:105 Resp: 362022
Ion Ratio Lower Upper
105 100
120 44.4 36.5 54.7

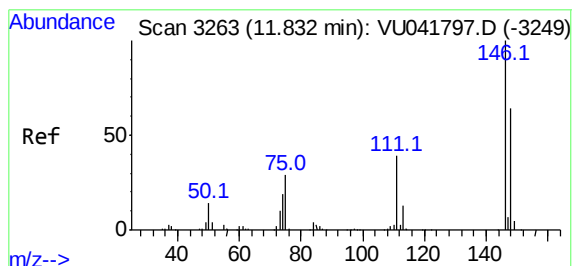
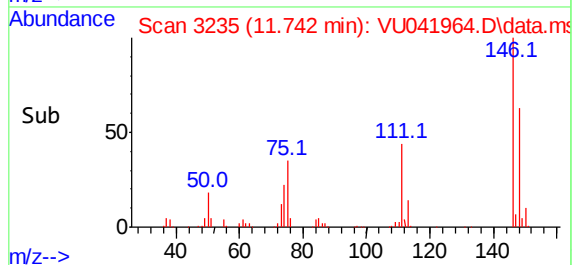
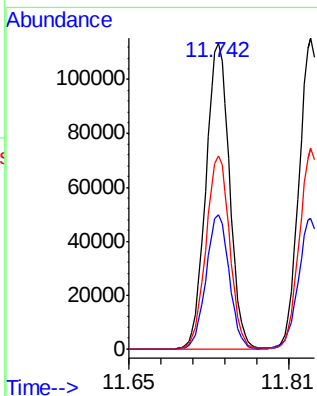
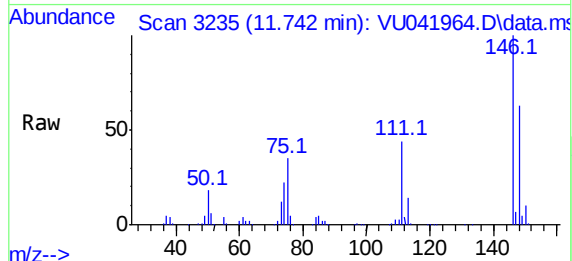




#64
1,3-Dichlorobenzene
Concen: 49.11 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

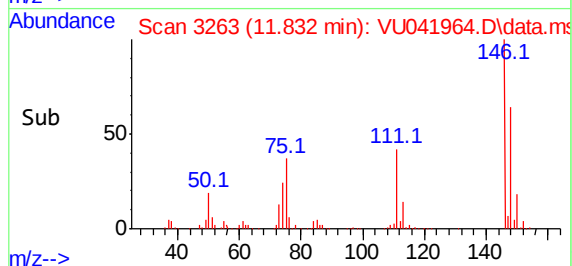
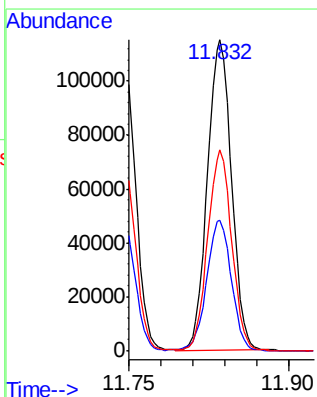
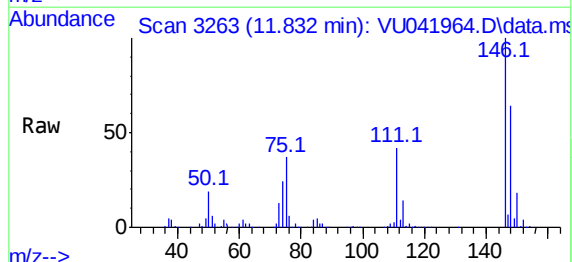
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

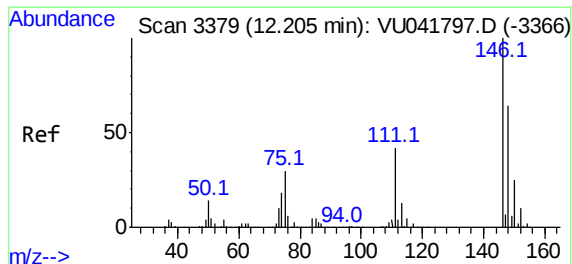
Tgt Ion:146 Resp: 179753
Ion Ratio Lower Upper
146 100
111 43.8 28.7 53.3
148 63.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 48.56 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion:146 Resp: 179188
Ion Ratio Lower Upper
146 100
111 42.0 28.1 52.1
148 64.5 44.8 83.2

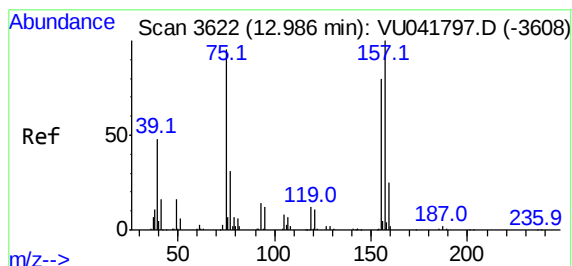
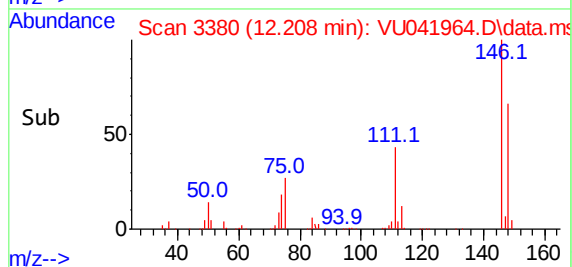
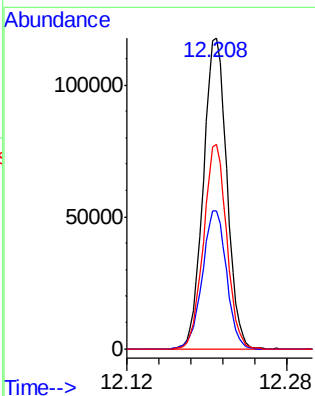
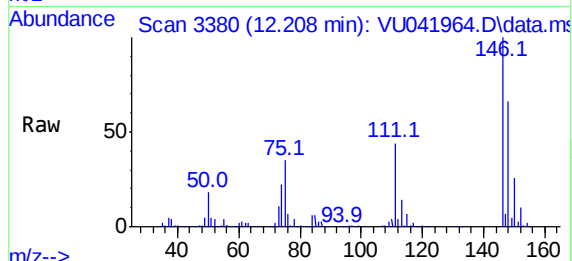




#67
1,2-Dichlorobenzene
Concen: 49.31 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

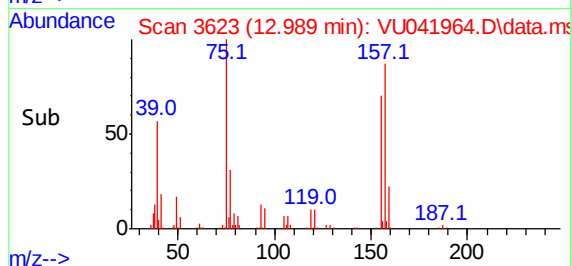
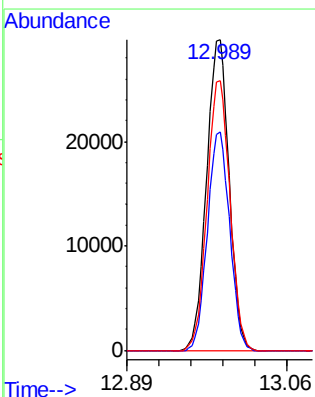
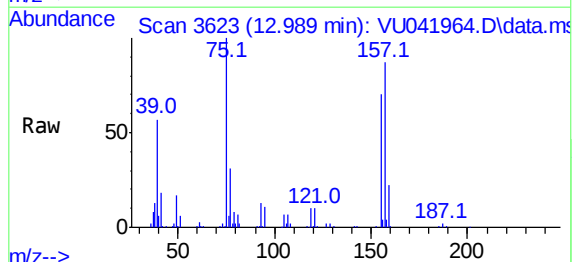
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

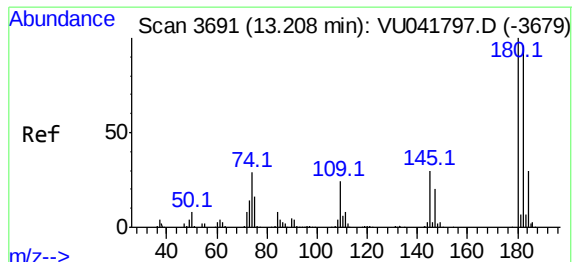
Tgt Ion:146 Resp: 186081
Ion Ratio Lower Upper
146 100
111 44.3 33.0 49.6
148 65.8 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 60.61 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion: 75 Resp: 48259
Ion Ratio Lower Upper
75 100
155 70.2 66.8 100.2
157 86.9 85.5 128.3

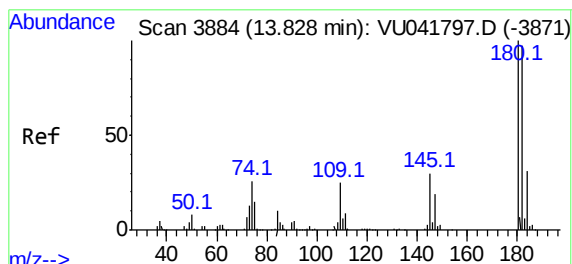
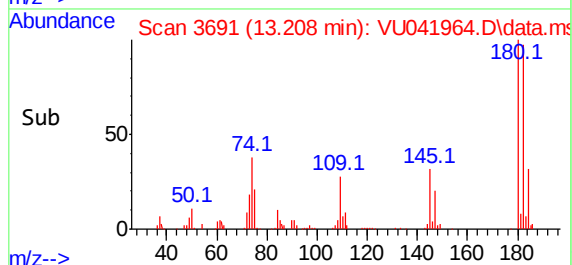
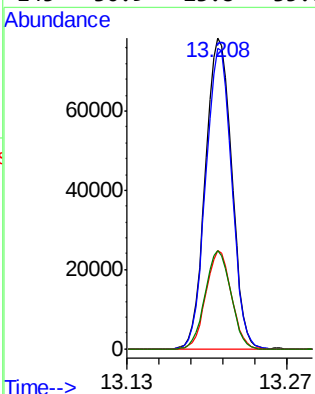
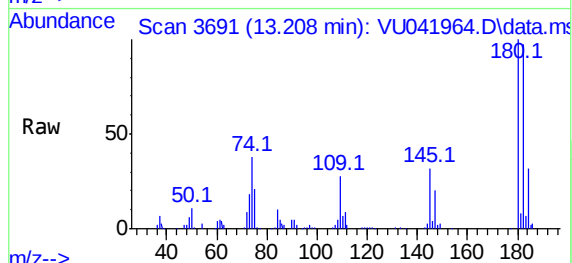




#69
1,3,5-Trichlorobenzene
Concen: 46.59 ug/L
RT: 13.208 min Scan# 3691
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

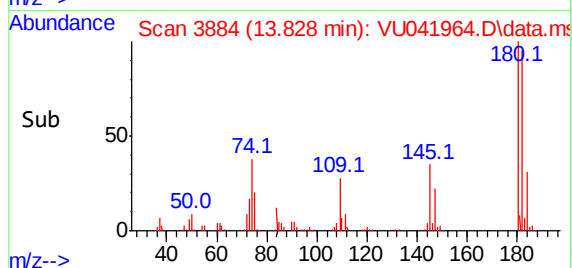
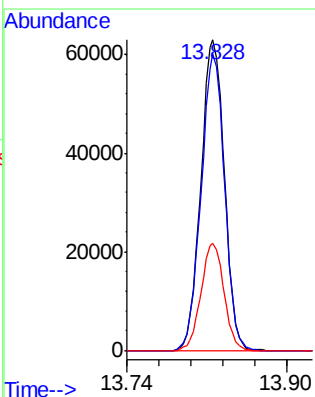
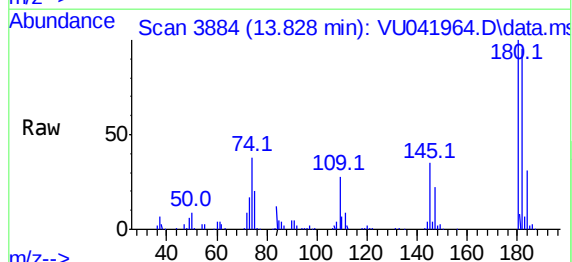
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

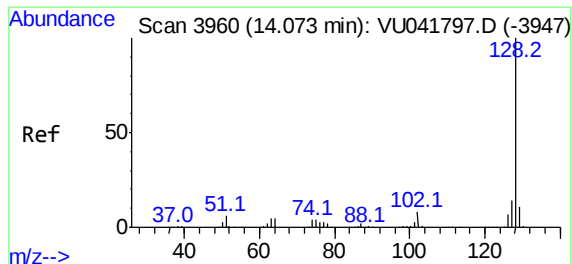
Tgt Ion:180 Resp: 122670
Ion Ratio Lower Upper
180 100
182 95.1 77.1 115.7
184 30.4 23.9 35.9
145 30.9 23.8 35.6



#70
1,2,4-trichlorobenzene
Concen: 47.01 ug/L
RT: 13.828 min Scan# 3884
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion:180 Resp: 99343
Ion Ratio Lower Upper
180 100
182 95.1 75.9 113.9
145 33.5 24.1 36.1

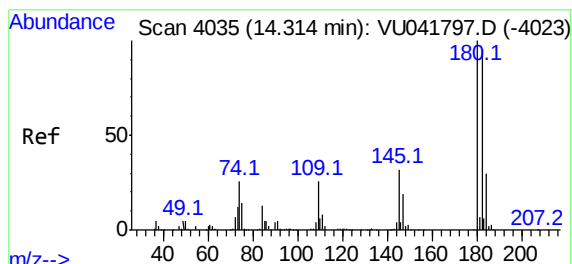
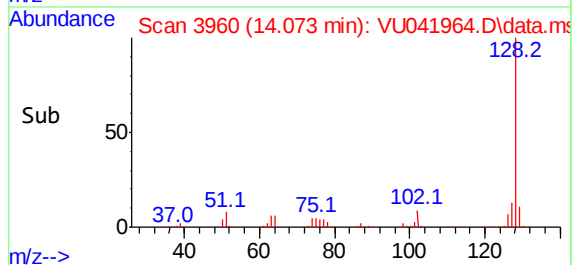
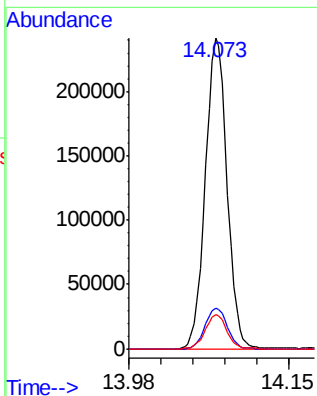
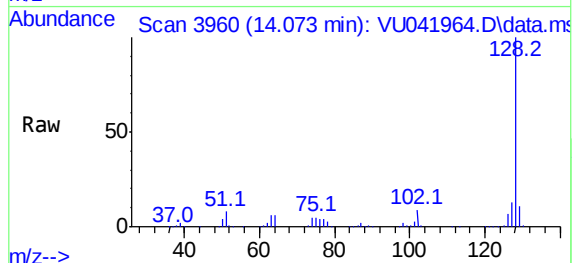




#71
Naphthalene
Concen: 54.65 ug/L
RT: 14.073 min Scan# 3960
Delta R.T. 0.000 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion:128 Resp: 374972
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.77 ug/L
RT: 14.317 min Scan# 4036
Delta R.T. 0.003 min
Lab File: VU041964.D
Acq: 12 Jan 2021 10:32

Tgt Ion:180 Resp: 104028
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.6
145 33.9 26.2 39.4

