

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041963.D
 Acq On : 12 Jan 2021 10:09
 Operator : SY/MD
 Sample : VSTD01033
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010303

Quant Time: Jan 13 05:38:52 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	6.260	114	262434	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216502	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	103931	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.604	65	25886	13.20 ug/L	0.00
7) Chloroethane-d5	1.919	69	21429	13.03 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	40906	11.78 ug/L	0.00
21) 2-Butanone-d5	4.646	46	38344	25.66 ug/L	0.00
24) Chloroform-d	5.080	84	40838	11.84 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.717	65	26787	12.05 ug/L	0.00
32) Benzene-d6	5.742	84	79155	12.62 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	25673	13.22 ug/L	0.00
41) Toluene-d8	7.903	98	58558	9.93 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.183	79	10955	10.93 ug/L	0.00
47) 2-Hexanone-d5	8.639	63	22436	21.19 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	32500	11.01 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	20450	9.57 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.389	85	23889	10.92 ug/L	96
3) Chloromethane	1.524	50	28037	14.06 ug/L	98
5) Vinyl chloride	1.607	62	28548	12.85 ug/L	99
6) Bromomethane	1.865	94	17424	10.63 ug/L	94
8) Chloroethane	1.939	64	17738	11.94 ug/L	98
9) Trichlorofluoromethane	2.144	101	35477	10.90 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	19218	10.90 ug/L	89
12) 1,1-Dichloroethene	2.591	96	17842	10.59 ug/L	93
13) Acetone	2.649	43	34869	31.25 ug/L	98
14) Carbon disulfide	2.803	76	60889	11.27 ug/L	97
15) Methyl Acetate	2.964	43	26370	12.41 ug/L	93
16) Methylene chloride	3.061	84	22138	11.50 ug/L	91
17) trans-1,2-Dichloroethene	3.366	96	20906	11.97 ug/L	93
18) Methyl tert-butyl Ether	3.379	73	61771	11.40 ug/L	96
19) 1,1-Dichloroethane	3.890	63	40304	12.63 ug/L	94
20) cis-1,2-Dichloroethene	4.681	96	22261	11.64 ug/L	100
22) 2-Butanone	4.726	43	45169	28.13 ug/L	93
23) Bromochloromethane	4.993	128	10963	10.69 ug/L #	73
25) Chloroform	5.106	83	41694	12.40 ug/L	95
27) 1,2-Dichloroethane	5.807	62	32091	12.23 ug/L	100
29) Cyclohexane	5.401	56	32128	12.90 ug/L	92
30) 1,1,1-Trichloroethane	5.331	97	34887	12.98 ug/L	97
31) Carbon tetrachloride	5.540	117	28815	12.29 ug/L	97
33) Benzene	5.787	78	86211	12.59 ug/L	100
34) Trichloroethene	6.552	95	21117	11.91 ug/L	88
35) Methylcyclohexane	6.771	83	26356	9.37 ug/L #	87
37) 1,2-Dichloropropane	6.803	63	22962	13.35 ug/L #	96
38) Bromodichloromethane	7.115	83	26198	11.25 ug/L	99
39) cis-1,3-Dichloropropene	7.614	75	28565	10.42 ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	59675	23.64 ug/L #	93
42) Toluene	7.974	91	73646	10.19 ug/L	96
44) trans-1,3-Dichloropropene	8.215	75	28335	10.67 ug/L	95
45) 1,1,2-Trichloroethane	8.405	97	19017	10.93 ug/L	96

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

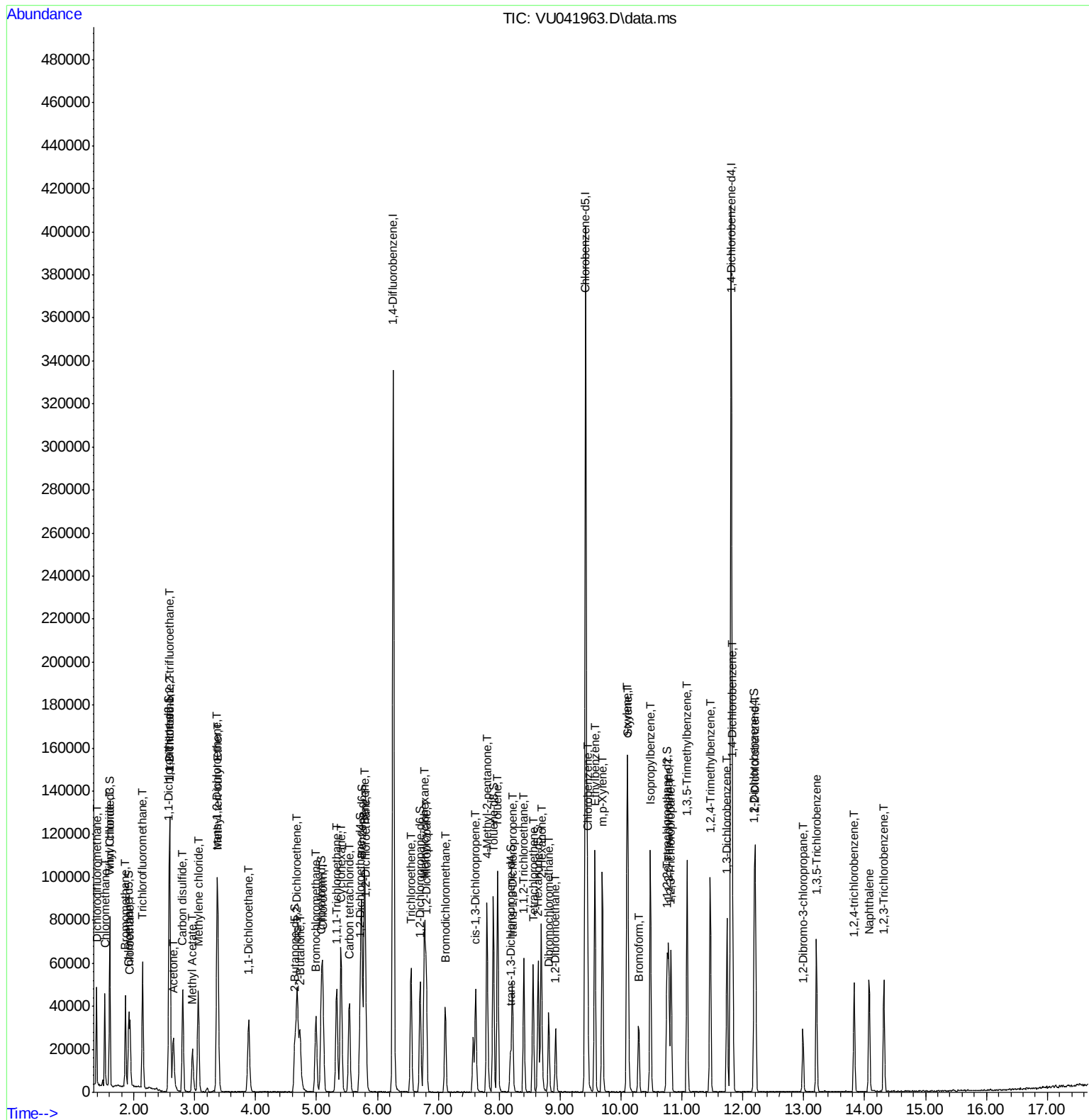
46) Tetrachloroethene	8.559	164	12526	9.10	ug/L	97
48) 2-Hexanone	8.691	43	51984	25.34	ug/L #	90
49) Dibromochloromethane	8.813	129	19727	10.47	ug/L	98
50) 1,2-Dibromoethane	8.925	107	19055	10.49	ug/L	96
51) Chlorobenzene	9.449	112	46702	10.12	ug/L	96
52) Ethylbenzene	9.572	91	76548	10.06	ug/L	98
53) m,p-Xylene	9.694	106	28381	9.71	ug/L	100
54) o-xylene	10.099	106	27017	9.47	ug/L	90
55) Styrene	10.112	104	47084	9.70	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.781	83	33804	11.30	ug/L	99
59) Bromoform	10.289	173	13964	10.08	ug/L	96
60) 1,2,3-Trichloropropane	10.819	75	27728	11.66	ug/L	98
61) Isopropylbenzene	10.482	105	70189	9.85	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	56133	9.47	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	54664	9.11	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	32562	9.54	ug/L	97
65) 1,4-Dichlorobenzene	11.829	146	33252	9.66	ug/L	97
67) 1,2-Dichlorobenzene	12.205	146	33912	9.63	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.986	75	8166	10.99	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.208	180	20634	8.40	ug/L	98
70) 1,2,4-trichlorobenzene	13.829	180	14645	7.43	ug/L	99
71) Naphthalene	14.073	128	41083	6.42	ug/L	99
72) 1,2,3-Trichlorobenzene	14.317	180	15505	7.79	ug/L	98

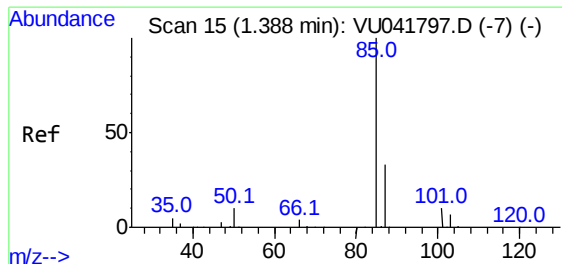
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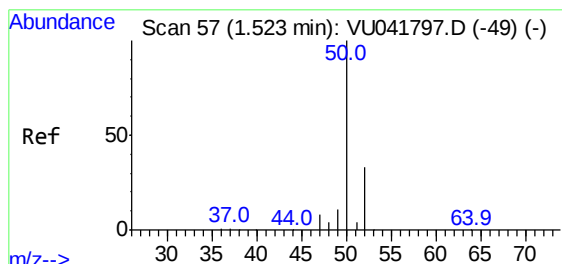
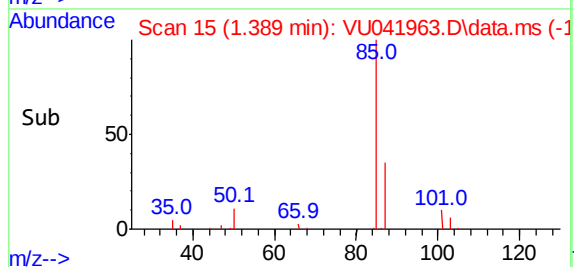
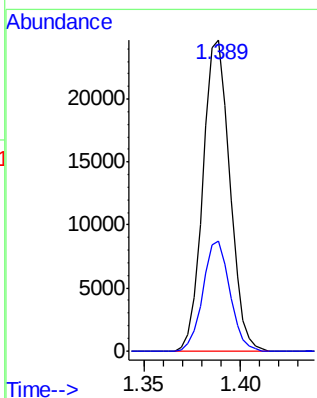
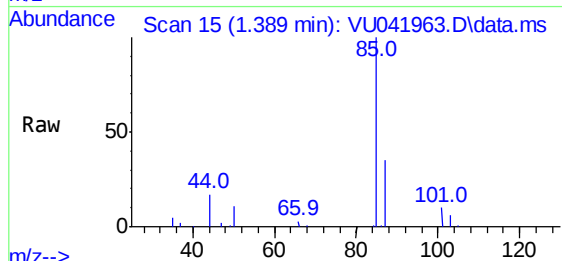




#2
 Dichlorodifluoromethane
 Concen: 10.92 ug/L
 RT: 1.389 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU041963.D
 Acq: 12 Jan 2021 10:09

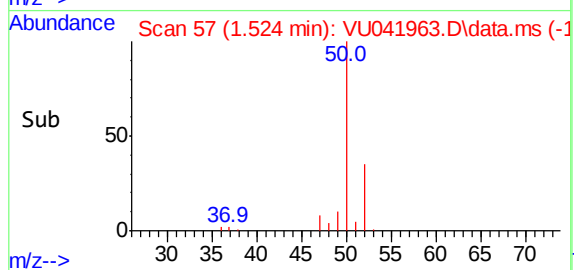
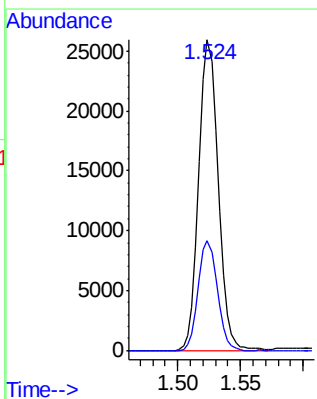
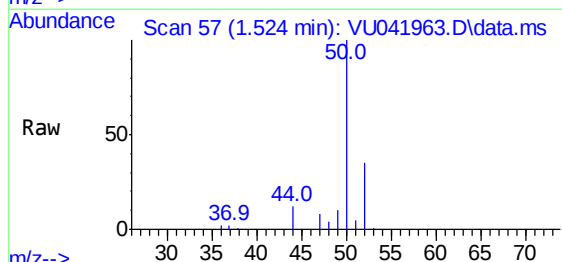
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 ClientSampleId :
 VSTD010303

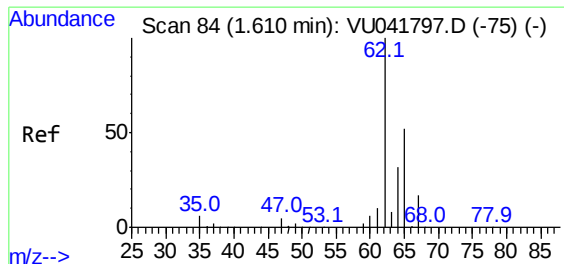
Tgt Ion: 85 Resp: 23889
 Ion Ratio Lower Upper
 85 100
 87 35.1 26.2 39.4



#3
 Chloromethane
 Concen: 14.06 ug/L
 RT: 1.524 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU041963.D
 Acq: 12 Jan 2021 10:09

Tgt Ion: 50 Resp: 28037
 Ion Ratio Lower Upper
 50 100
 52 35.4 24.1 44.8

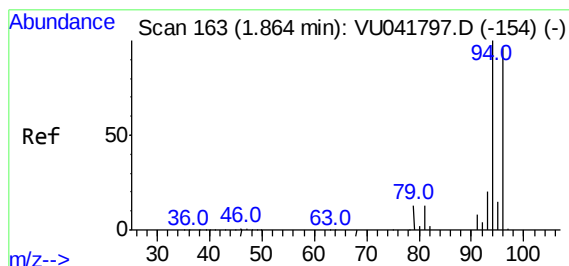
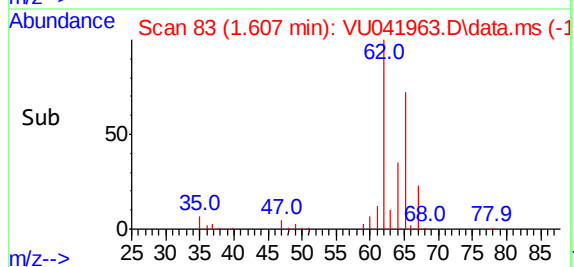
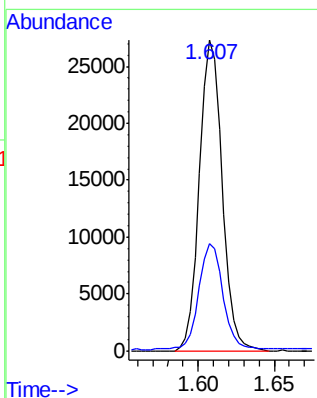
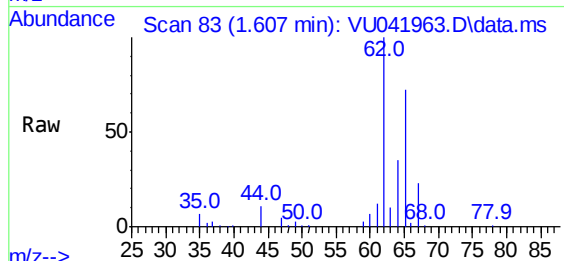




#5
 Vinyl chloride
 Concen: 12.85 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VU041963.D
 Acq: 12 Jan 2021 10:09

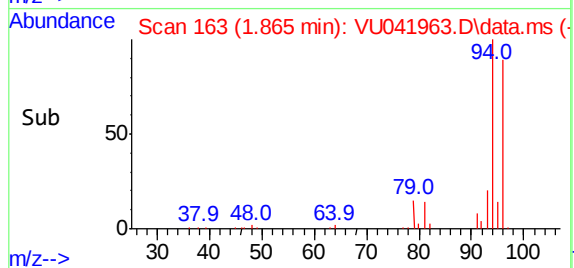
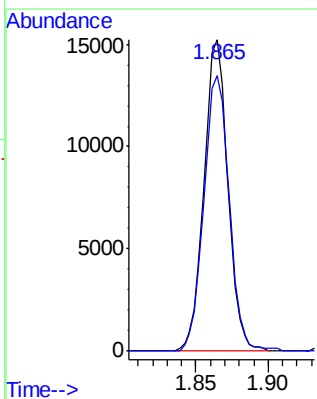
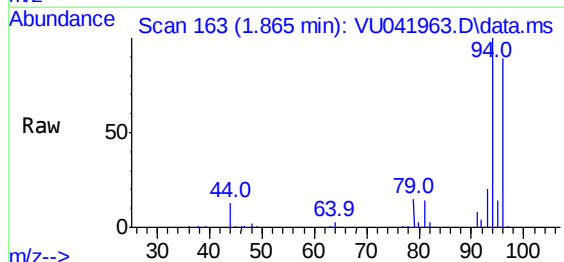
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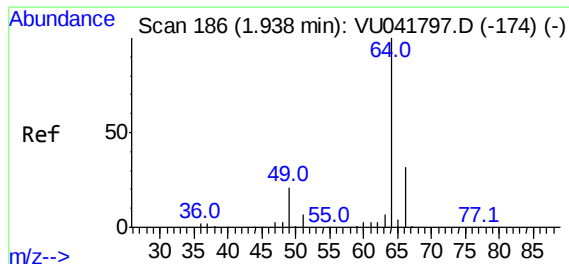
Tgt Ion: 62 Resp: 28548
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.9 44.3



#6
 Bromomethane
 Concen: 10.63 ug/L
 RT: 1.865 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU041963.D
 Acq: 12 Jan 2021 10:09

Tgt Ion: 94 Resp: 17424
 Ion Ratio Lower Upper
 94 100
 96 88.5 66.1 122.7

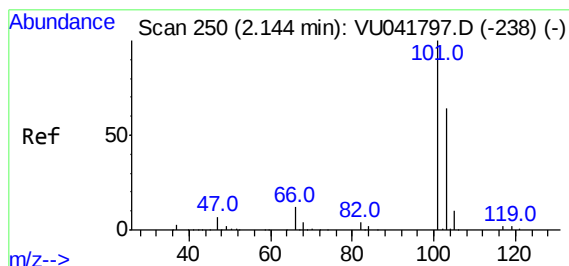
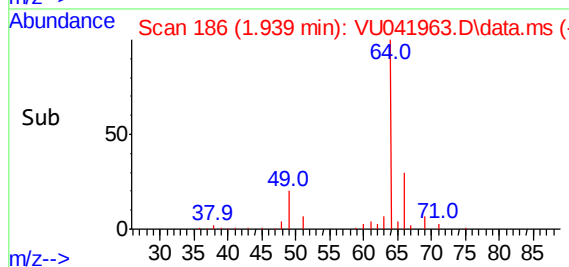
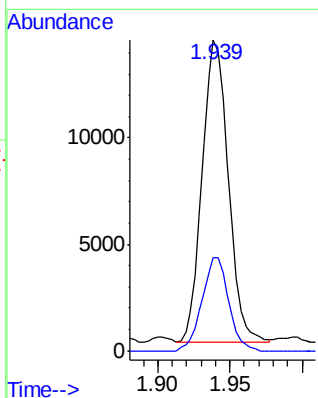
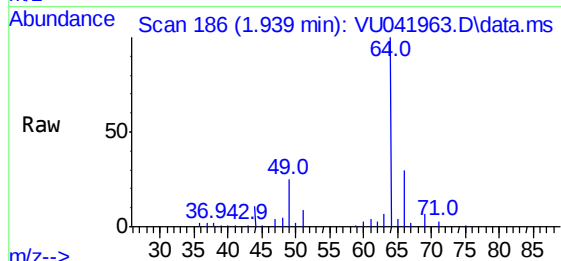




#8
Chloroethane
Concen: 11.94 ug/L
RT: 1.939 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

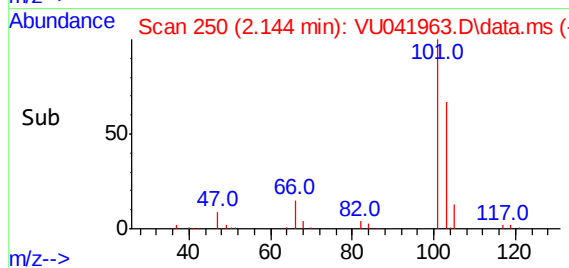
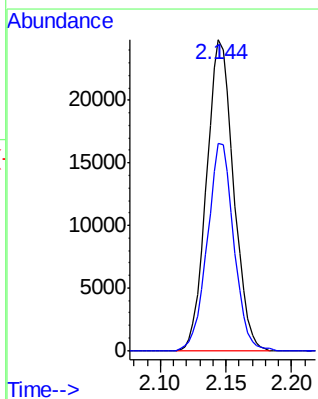
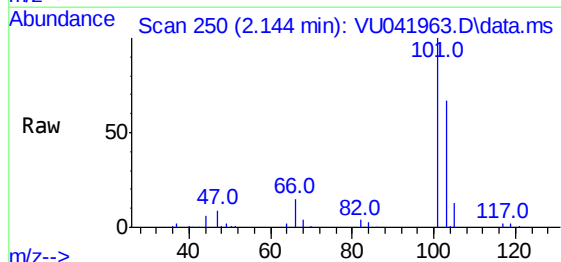
Instrument :
MSVOA_U
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VSTD010303

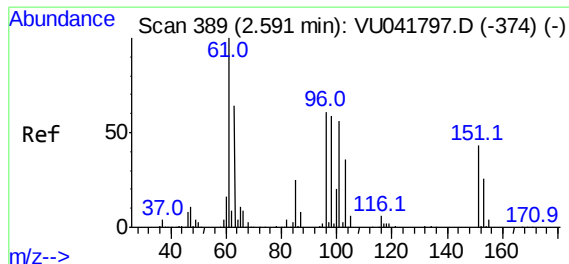
Tgt Ion: 64 Resp: 17738
Ion Ratio Lower Upper
64 100
66 29.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 10.90 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion:101 Resp: 35477
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0



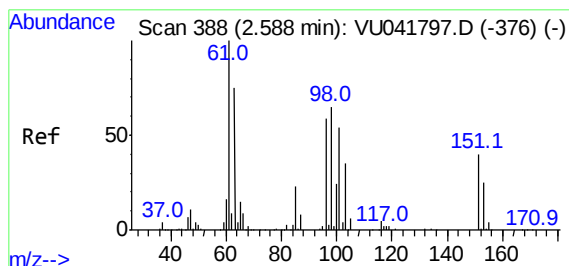
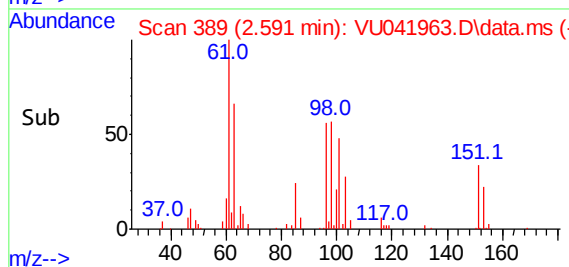
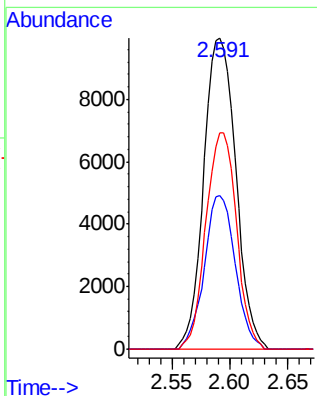
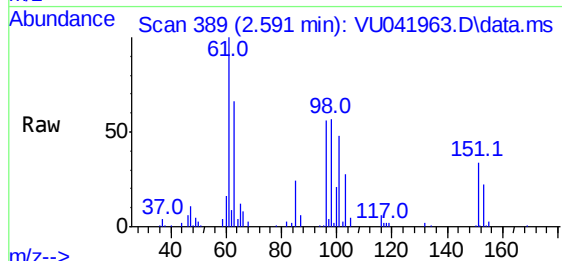


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.90 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU041963.D
 Acq: 12 Jan 2021 10:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010303

Tgt Ion:101 Resp: 19218

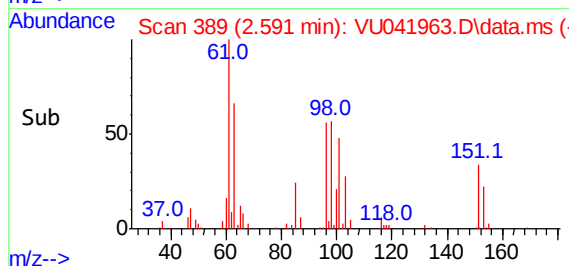
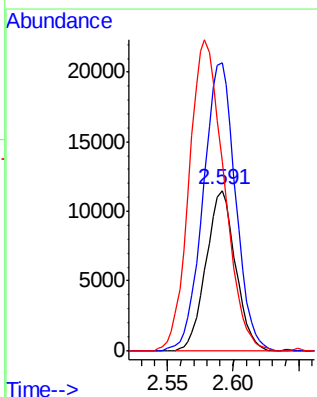
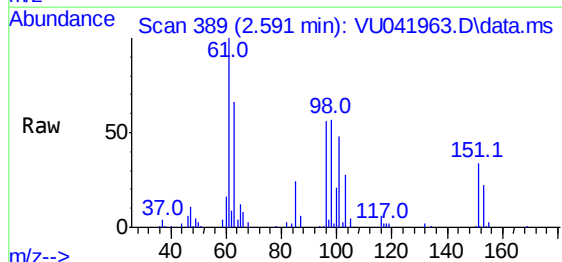
Ion	Ratio	Lower	Upper
101	100		
85	47.3	32.7	49.1
151	66.2	60.4	90.6

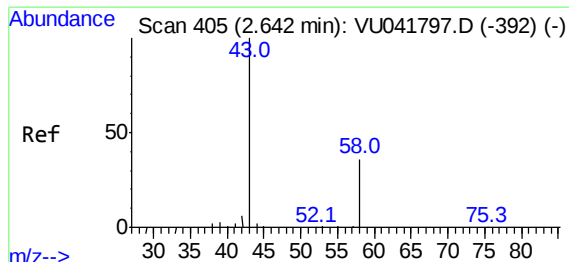


#12
 1,1-Dichloroethene
 Concen: 10.59 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.004 min
 Lab File: VU041963.D
 Acq: 12 Jan 2021 10:09

Tgt Ion: 96 Resp: 17842

Ion	Ratio	Lower	Upper
96	100		
61	179.1	114.3	212.3
63	117.7	83.0	154.2

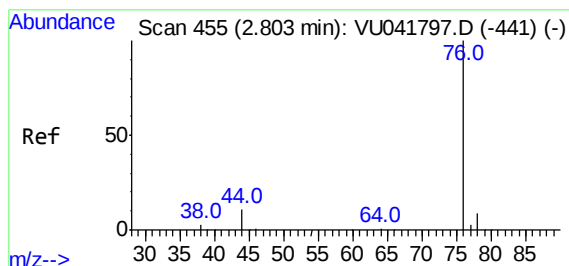
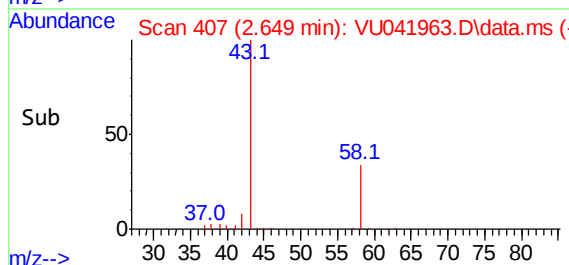
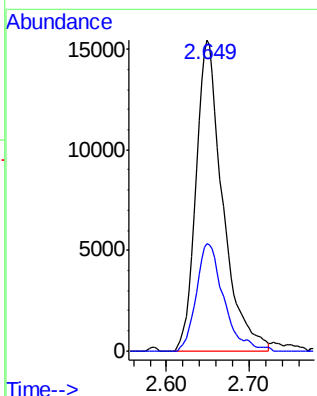
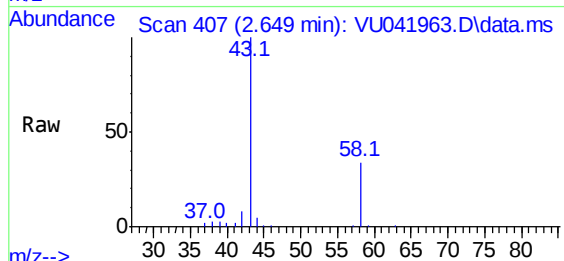




#13
Acetone
Concen: 31.25 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.007 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

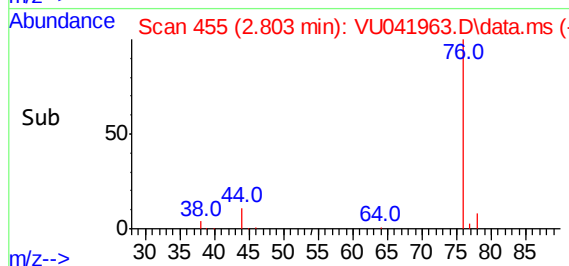
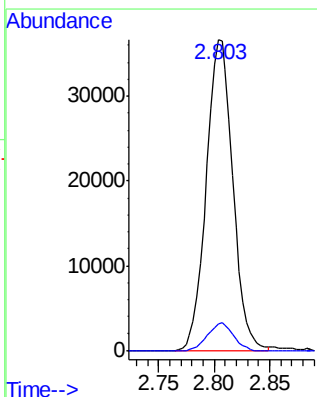
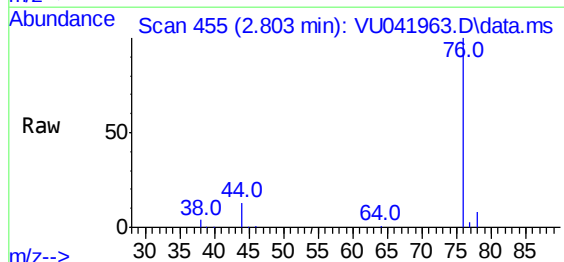
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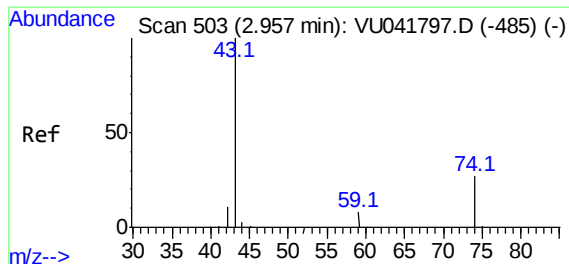
Tgt Ion: 43 Resp: 34869
Ion Ratio Lower Upper
43 100
58 34.0 0.0 70.8



#14
Carbon disulfide
Concen: 11.27 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 76 Resp: 60889
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

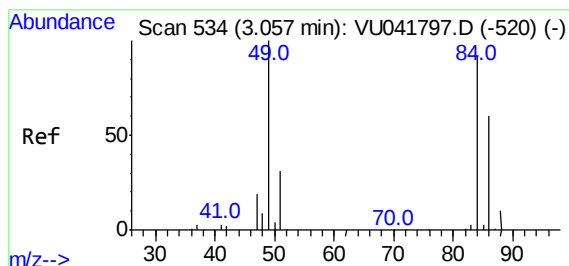
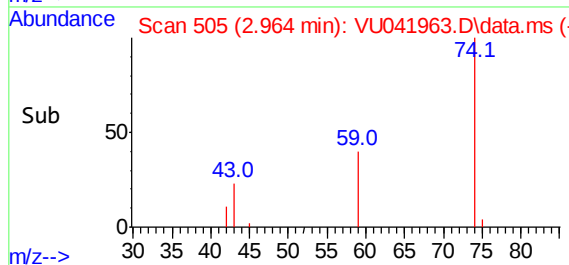
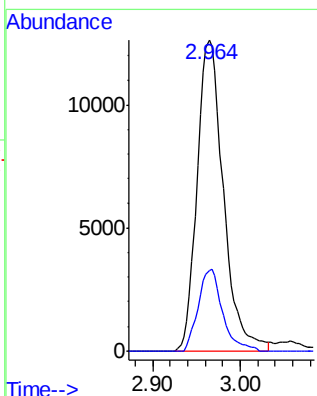
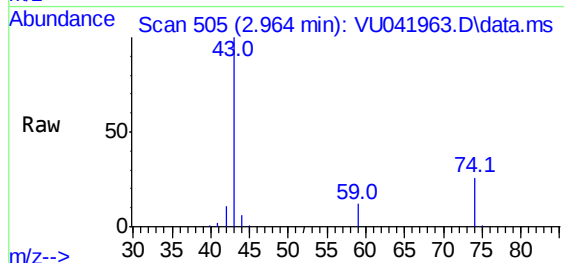




#15
Methyl Acetate
Concen: 12.41 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.007 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

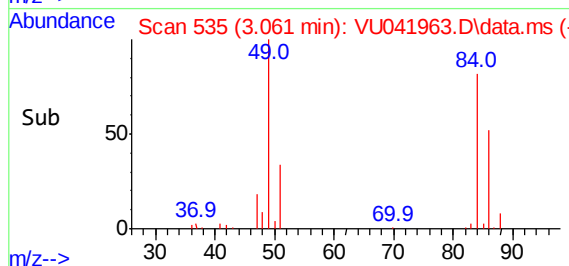
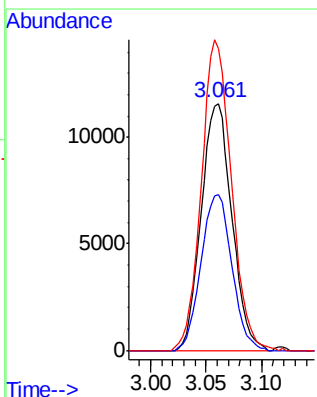
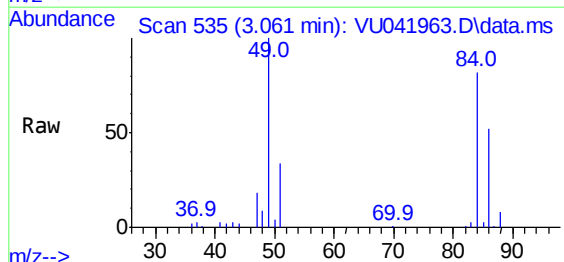
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

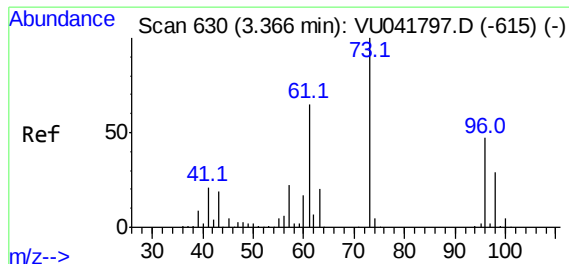
Tgt Ion: 43 Resp: 26370
Ion Ratio Lower Upper
43 100
74 24.1 22.1 33.1



#16
Methylene chloride
Concen: 11.50 ug/L
RT: 3.061 min Scan# 535
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 84 Resp: 22138
Ion Ratio Lower Upper
84 100
86 63.1 44.0 81.6
49 122.2 75.0 139.4

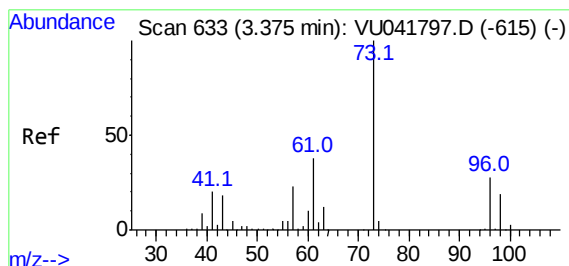
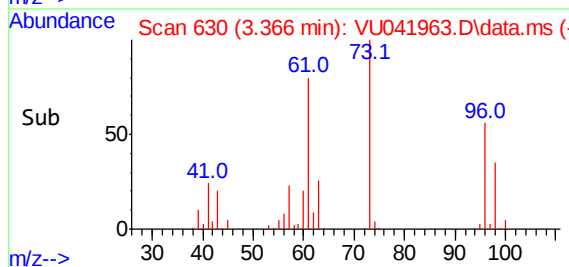
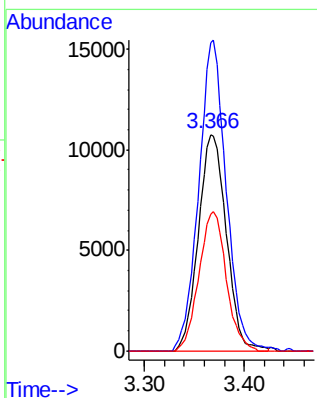
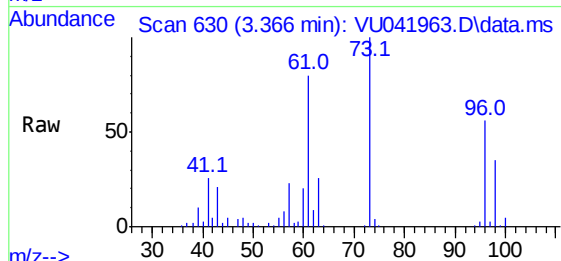




#17
trans-1,2-Dichloroethene
Concen: 11.97 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

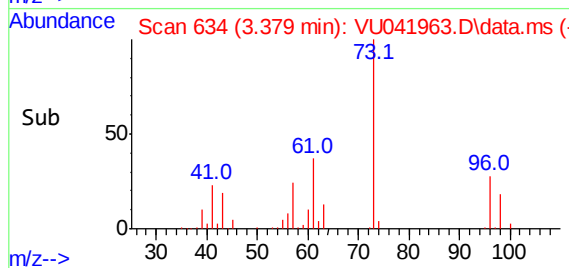
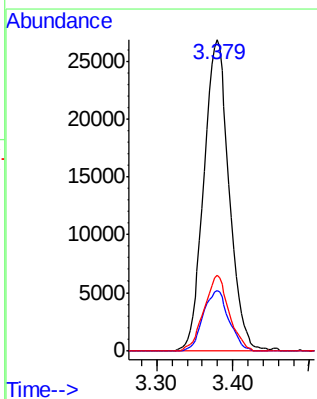
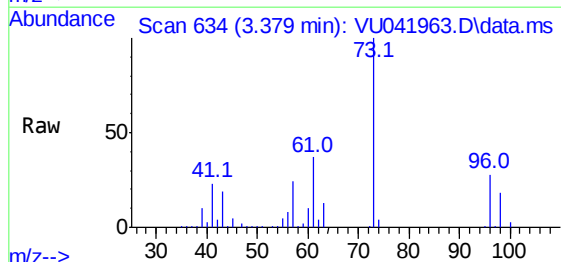
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

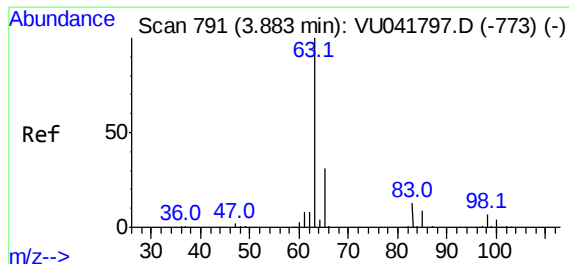
Tgt Ion: 96 Resp: 20906
Ion Ratio Lower Upper
96 100
61 143.0 92.6 172.0
98 63.1 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 11.40 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 73 Resp: 61771
Ion Ratio Lower Upper
73 100
43 19.4 14.8 22.2
57 23.7 17.0 25.6



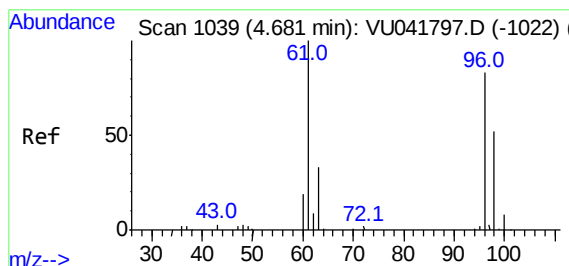
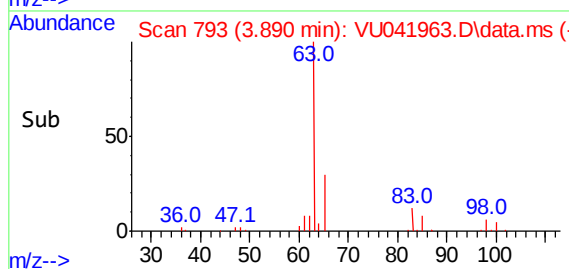
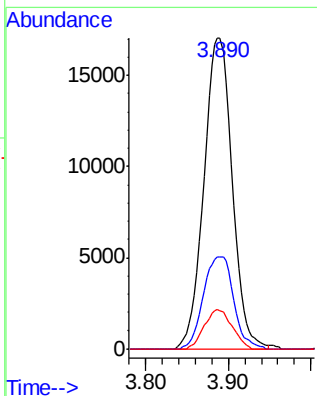
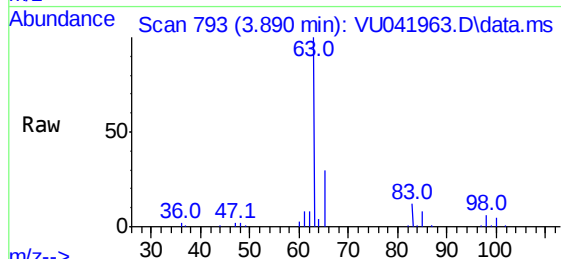


#19
1,1-Dichloroethane
Concen: 12.63 ug/L
RT: 3.890 min Scan# 793
Delta R.T. 0.007 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

Tgt Ion: 63 Resp: 40304

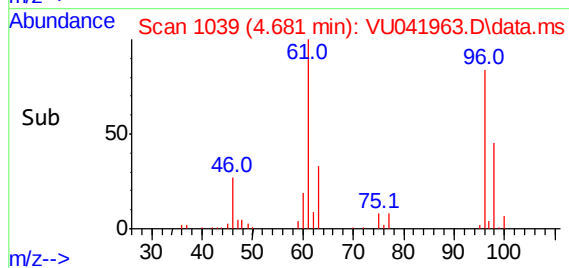
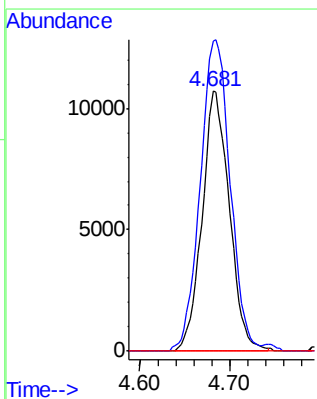
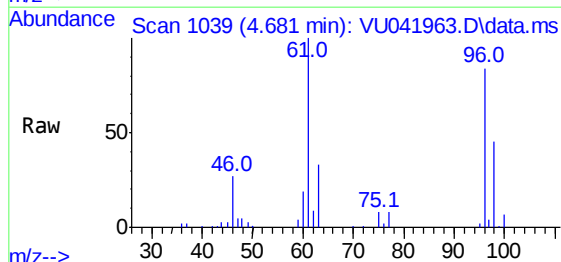
Ion	Ratio	Lower	Upper
63	100		
65	29.6	22.9	42.5
83	12.3	10.3	19.1

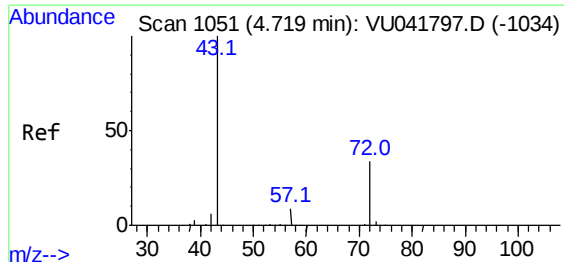


#20
cis-1,2-Dichloroethene
Concen: 11.64 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 96 Resp: 22261

Ion	Ratio	Lower	Upper
96	100		
61	119.3	83.7	155.5
68	0.0	0.0	0.0

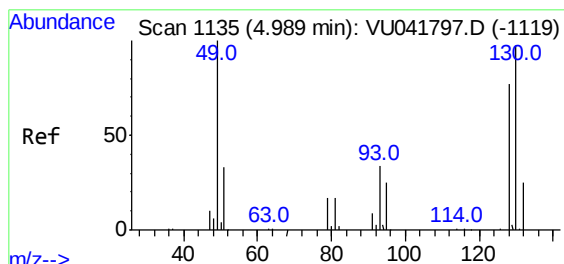
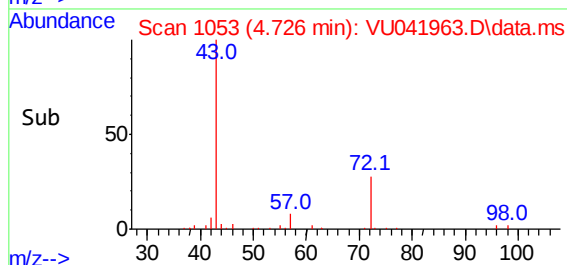
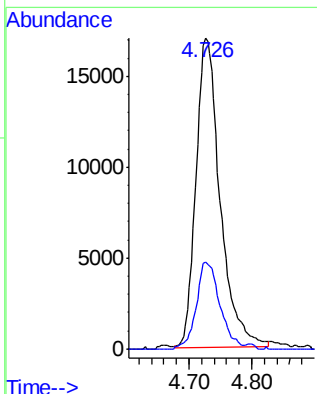
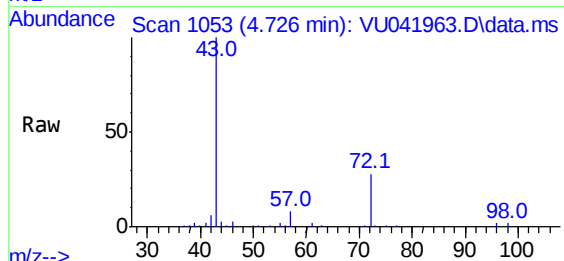




#22
2-Butanone
Concen: 28.13 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.007 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

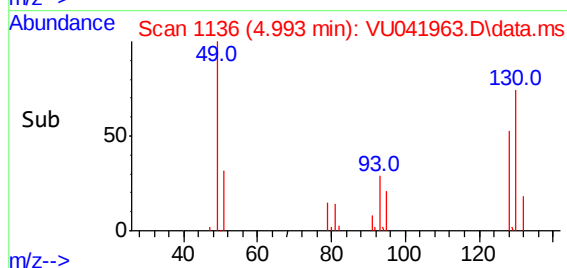
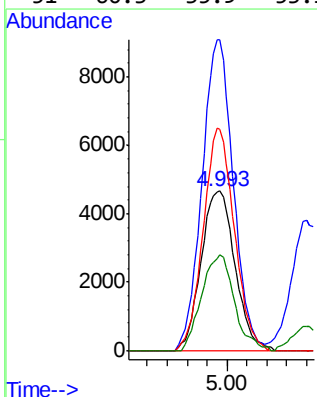
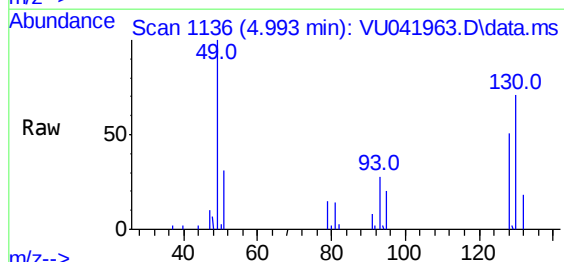
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

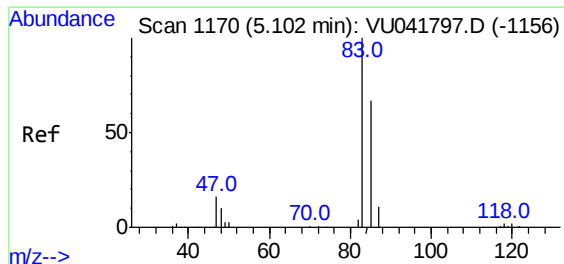
Tgt Ion: 43 Resp: 45169
Ion Ratio Lower Upper
43 100
72 27.3 15.6 46.8



#23
Bromochloromethane
Concen: 10.69 ug/L
RT: 4.993 min Scan# 1136
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion:128 Resp: 10963
Ion Ratio Lower Upper
128 100
49 195.1 97.9 181.9#
130 139.1 90.9 168.9
51 60.3 35.9 53.9#

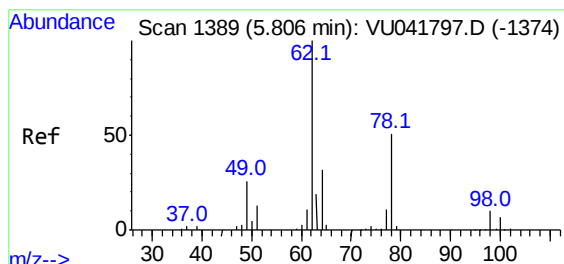
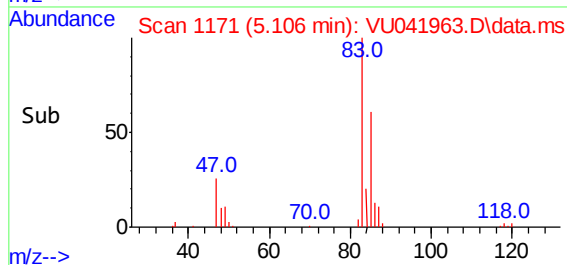
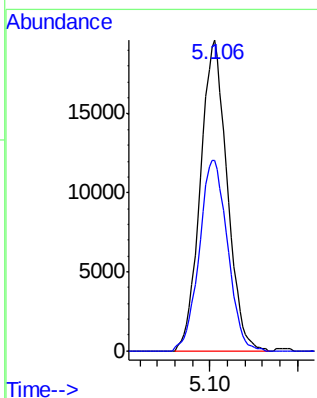
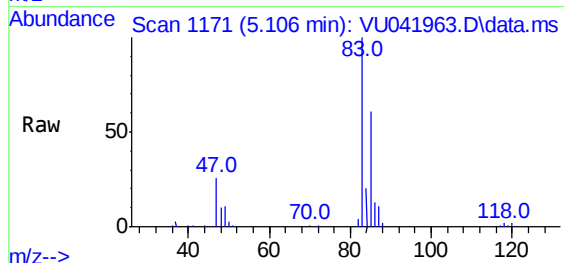




#25
Chloroform
Concen: 12.40 ug/L
RT: 5.106 min Scan# 1171
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

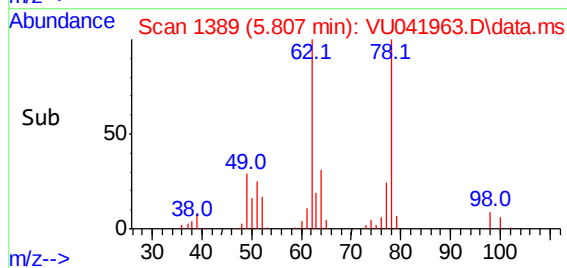
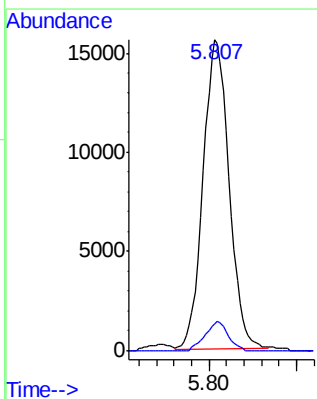
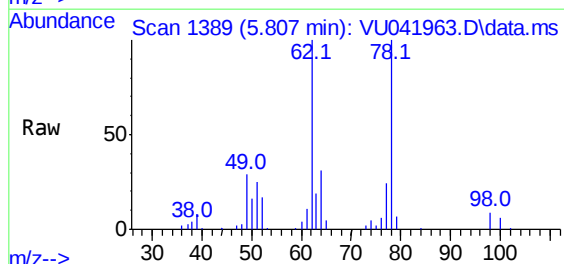
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

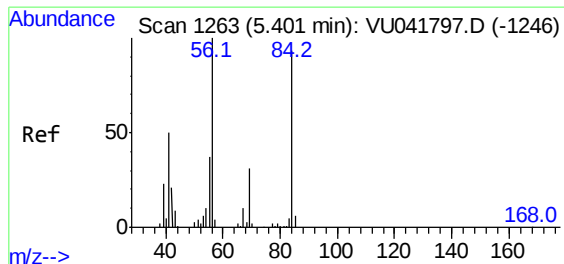
Tgt Ion: 83 Resp: 41694
Ion Ratio Lower Upper
83 100
85 61.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 12.23 ug/L
RT: 5.807 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 62 Resp: 32091
Ion Ratio Lower Upper
62 100
98 8.7 7.1 10.7



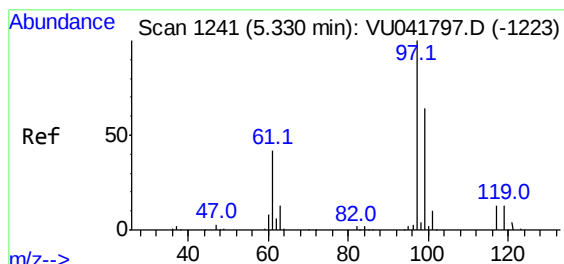
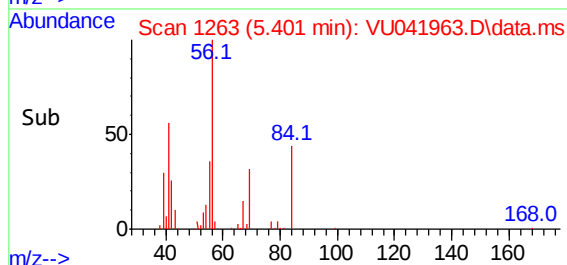
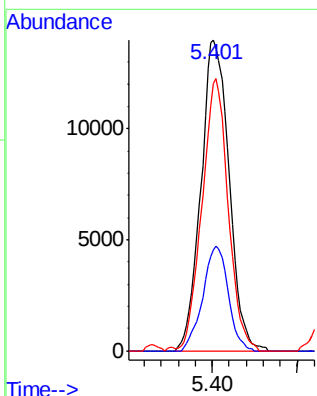
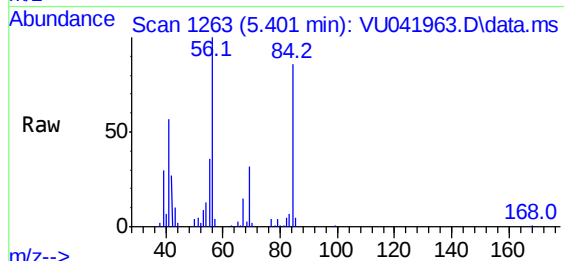


#29
Cyclohexane
Concen: 12.90 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

Tgt Ion: 56 Resp: 32128

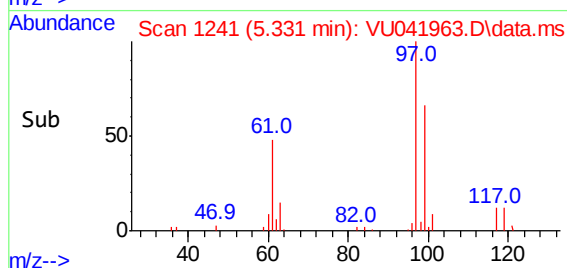
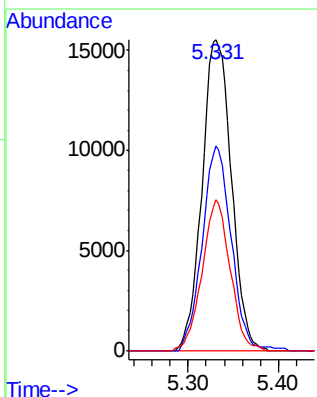
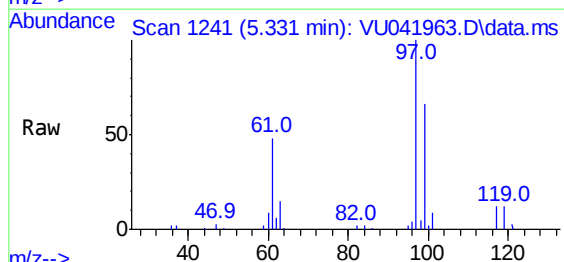
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.0	37.6
84	81.1	72.6	109.0

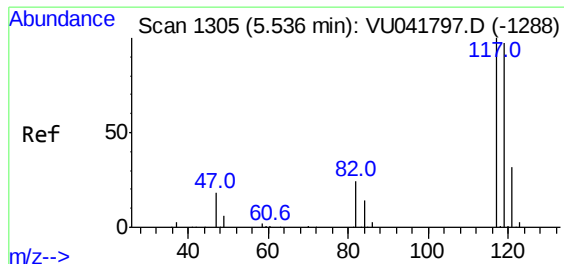


#30
1,1,1-Trichloroethane
Concen: 12.98 ug/L
RT: 5.331 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 97 Resp: 34887

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.9	76.3
61	46.1	33.4	50.0

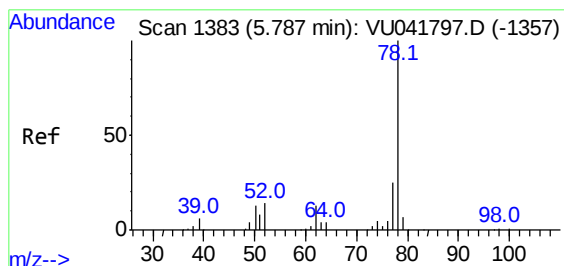
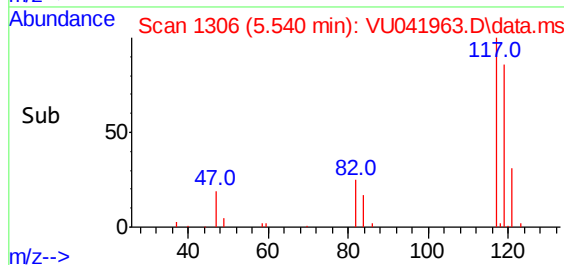
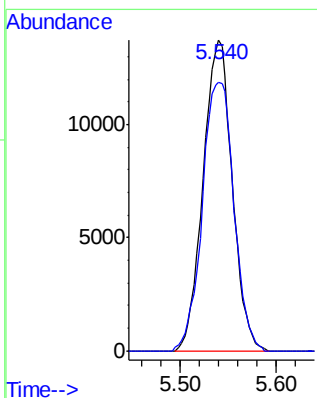
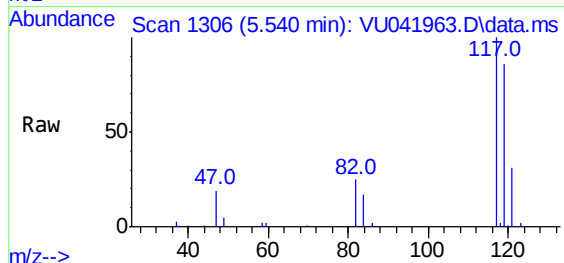




#31
Carbon tetrachloride
Concen: 12.29 ug/L
RT: 5.540 min Scan# 1306
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

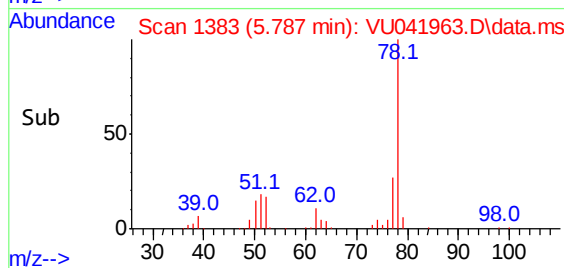
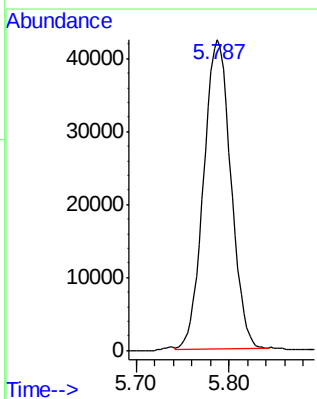
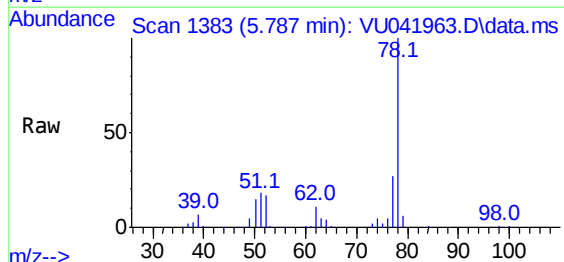
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

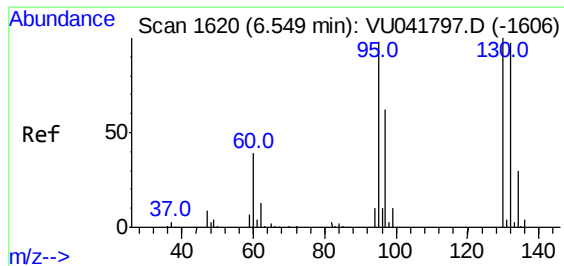
Tgt Ion:117 Resp: 28815
Ion Ratio Lower Upper
117 100
119 93.9 77.2 115.8



#33
Benzene
Concen: 12.59 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 78 Resp: 86211



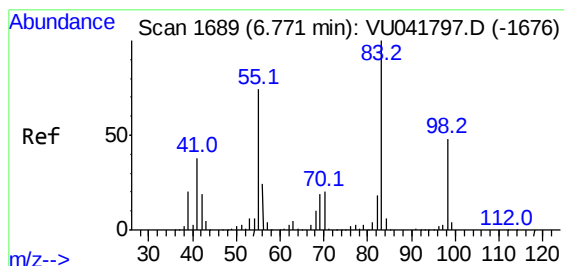
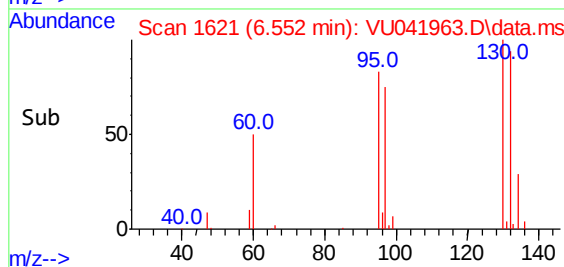
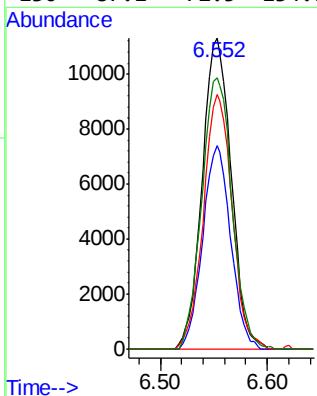
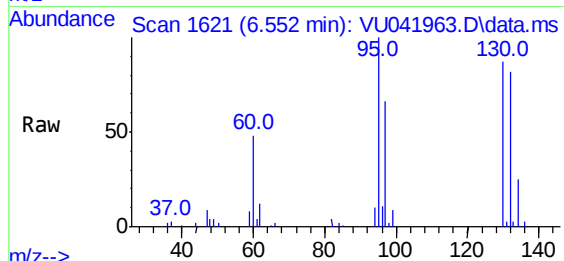


#34
Trichloroethene
Concen: 11.91 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

Tgt Ion: 95 Resp: 21117

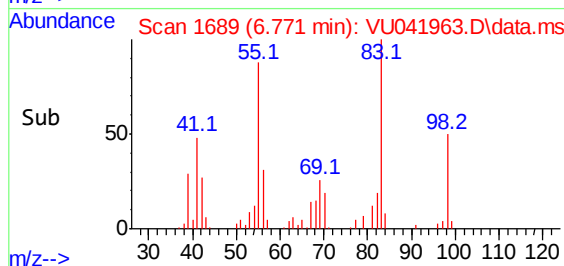
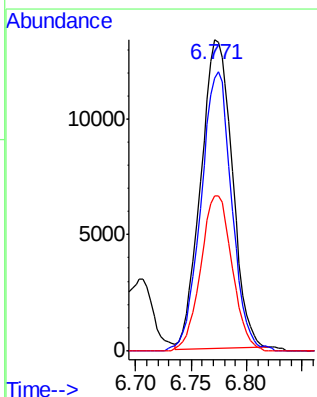
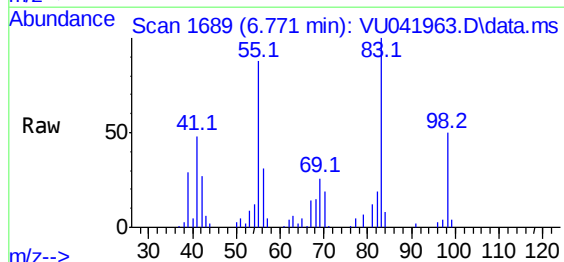
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.5	82.7
132	81.7	66.7	123.9
130	87.1	72.5	134.7

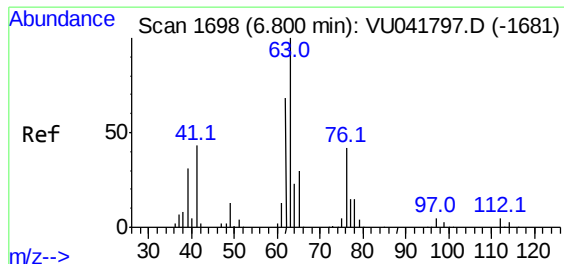


#35
Methylcyclohexane
Concen: 9.37 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 83 Resp: 26356

Ion	Ratio	Lower	Upper
83	100		
55	87.4	57.8	86.6#
98	49.6	37.7	56.5

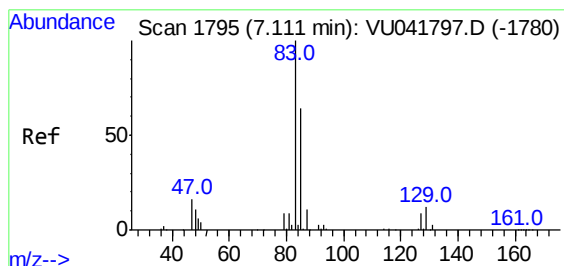
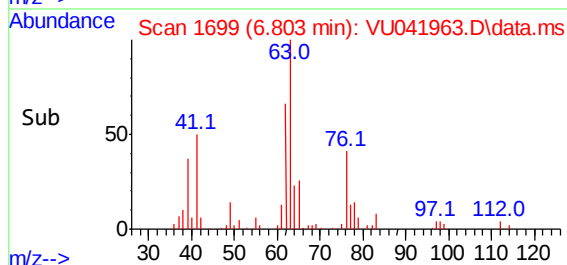
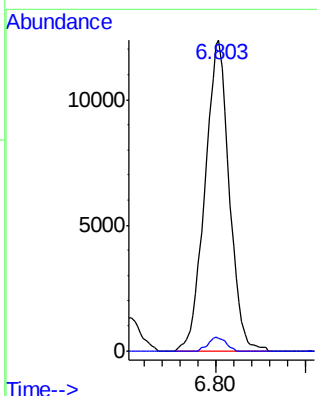
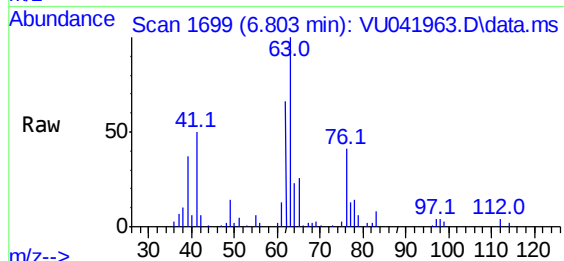




#37
1,2-Dichloropropane
Concen: 13.35 ug/L
RT: 6.803 min Scan# 1699
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

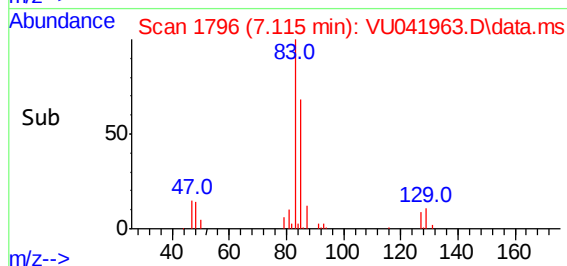
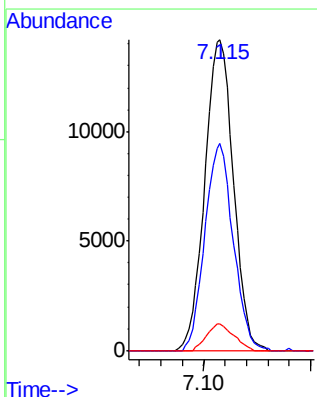
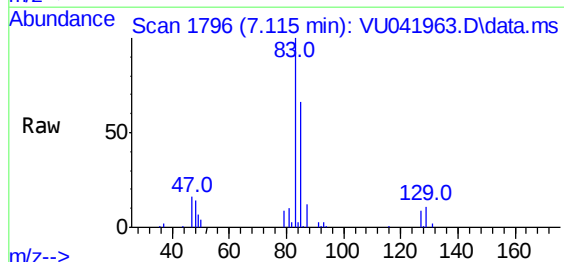
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

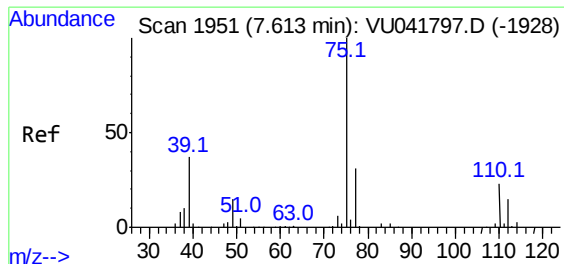
Tgt Ion: 63 Resp: 22962
Ion Ratio Lower Upper
63 100
112 3.1 3.5 5.3#



#38
Bromodichloromethane
Concen: 11.25 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 83 Resp: 26198
Ion Ratio Lower Upper
83 100
85 66.4 45.9 85.3
127 8.6 7.5 11.3

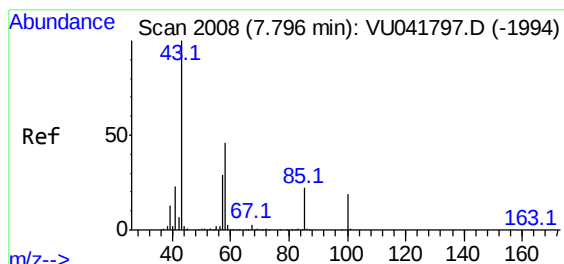
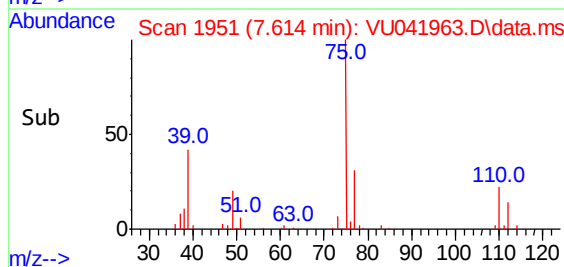
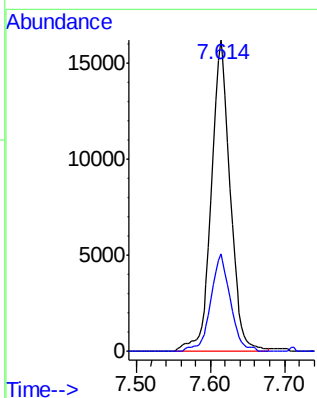
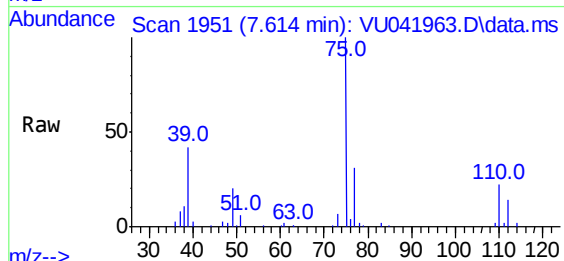




#39
cis-1,3-Dichloropropene
Concen: 10.42 ug/L
RT: 7.614 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

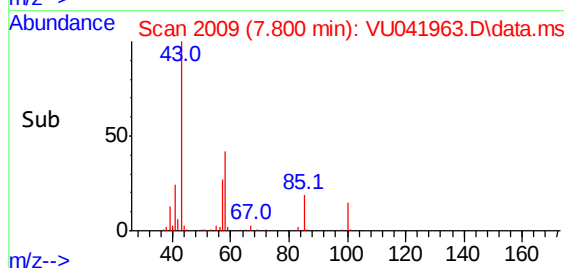
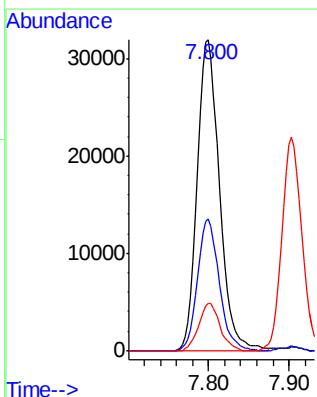
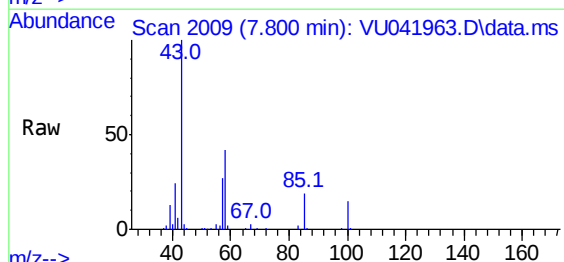
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

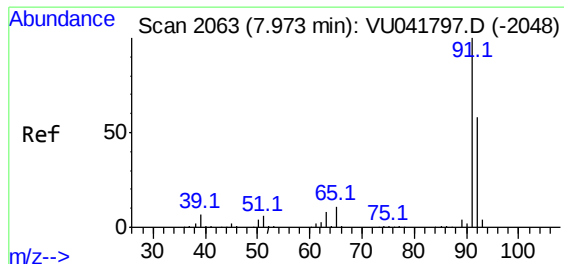
Tgt Ion: 75 Resp: 28565
Ion Ratio Lower Upper
75 100
77 31.1 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 23.64 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 43 Resp: 59675
Ion Ratio Lower Upper
43 100
58 41.0 36.1 54.1
100 14.3 14.9 22.3#

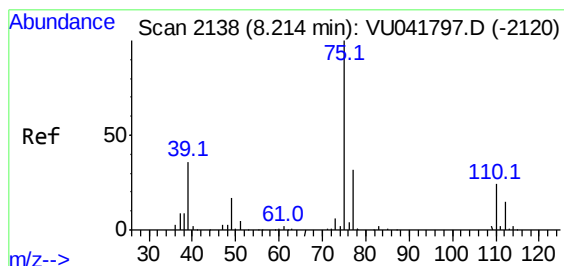
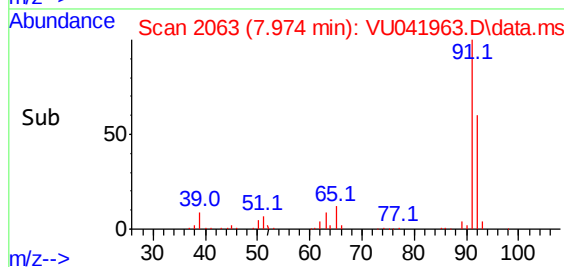
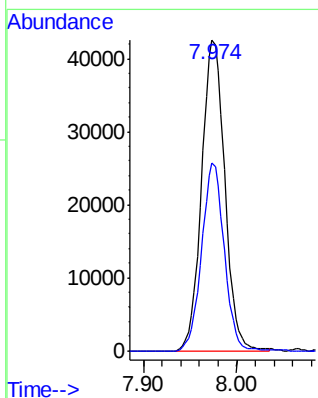
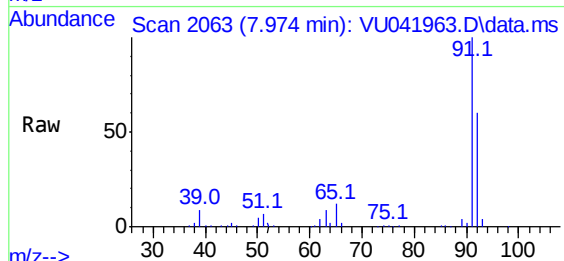




#42
Toluene
Concen: 10.19 ug/L
RT: 7.974 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

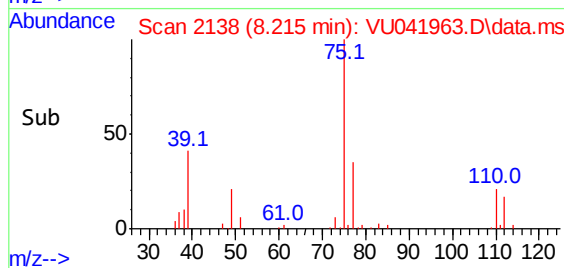
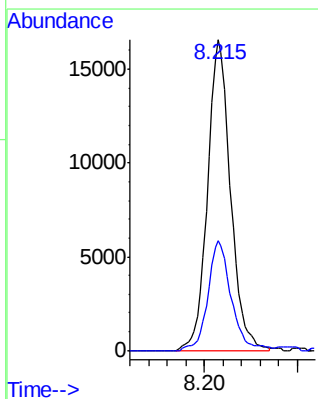
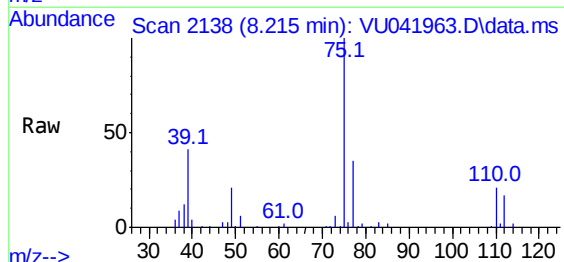
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

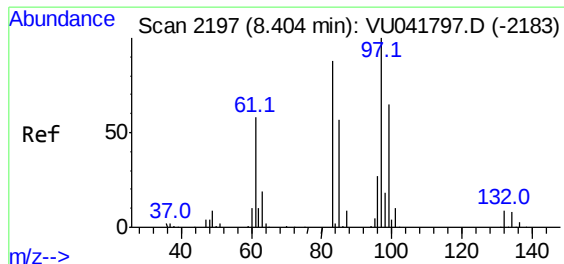
Tgt Ion: 91 Resp: 73646
Ion Ratio Lower Upper
91 100
92 60.3 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 10.67 ug/L
RT: 8.215 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 75 Resp: 28335
Ion Ratio Lower Upper
75 100
77 35.4 23.0 42.6



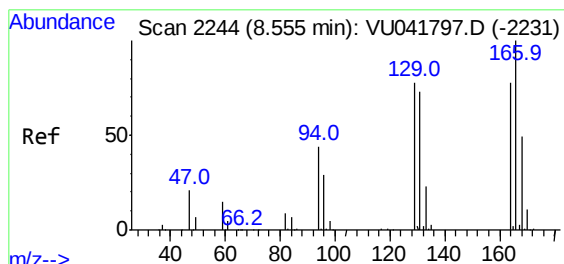
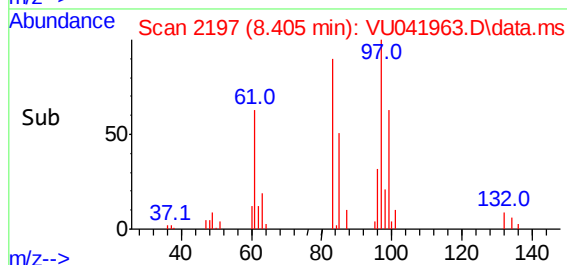
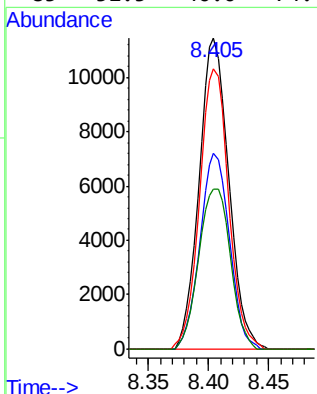
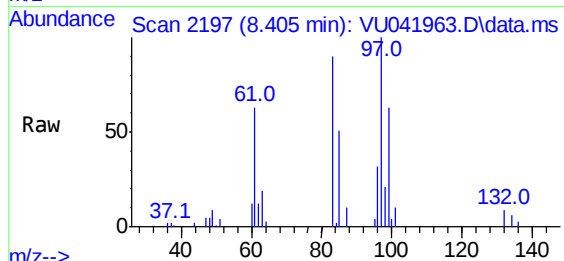


#45
1,1,2-Trichloroethane
Concen: 10.93 ug/L
RT: 8.405 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

Tgt Ion: 97 Resp: 19017

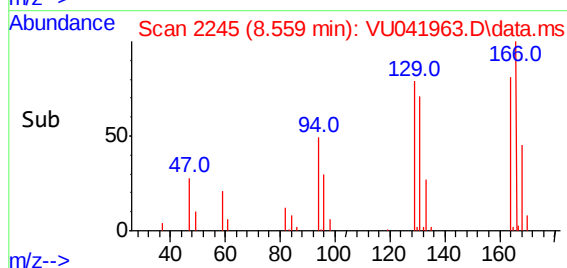
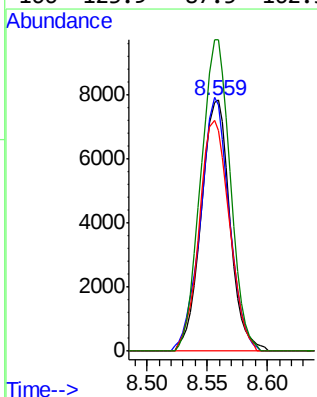
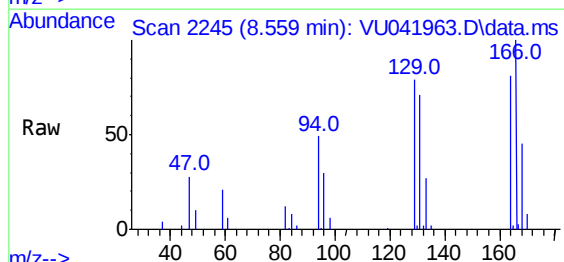
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.3	80.3
83	90.0	61.4	114.0
85	51.5	40.0	74.4

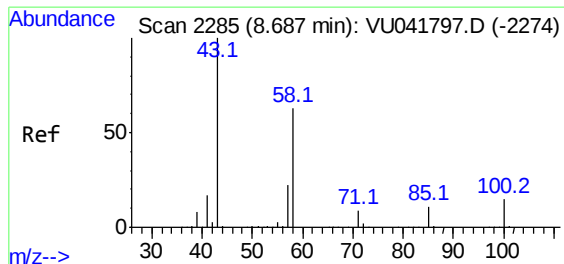


#46
Tetrachloroethene
Concen: 9.10 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 164 Resp: 12526

Ion	Ratio	Lower	Upper
164	100		
129	97.8	64.5	119.9
131	87.8	62.5	116.1
166	123.9	87.5	162.5



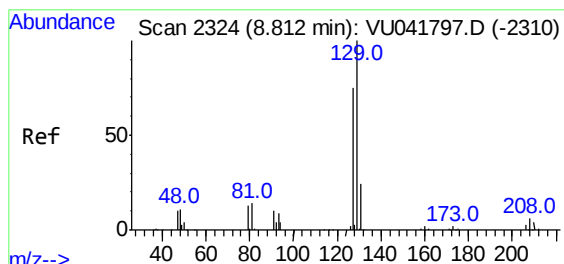
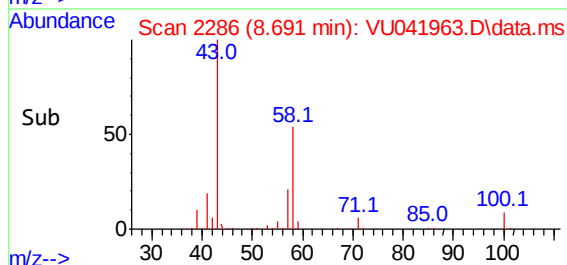
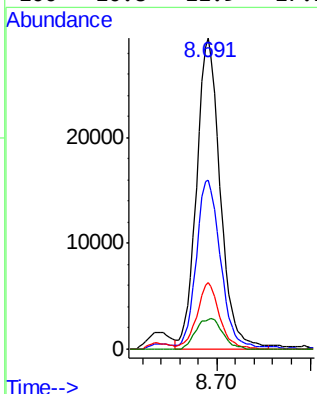
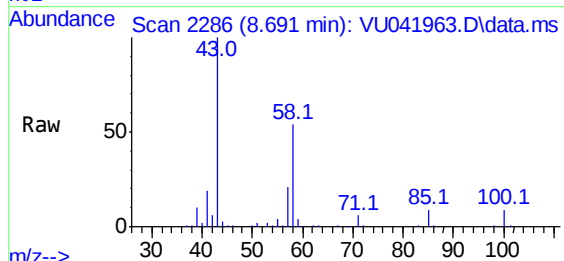


#48
2-Hexanone
Concen: 25.34 ug/L
RT: 8.691 min Scan# 2286
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

Tgt Ion: 43 Resp: 51984

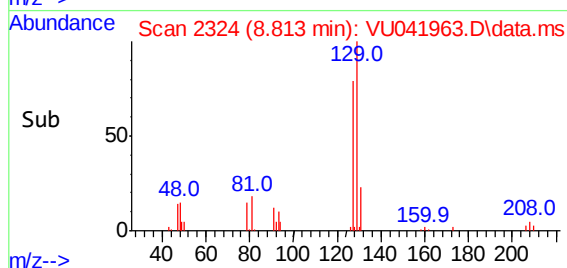
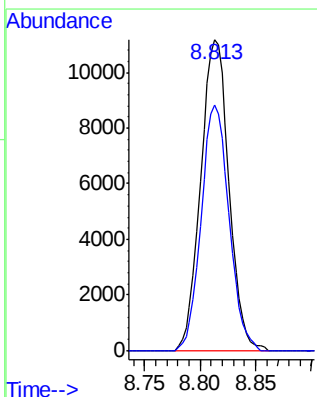
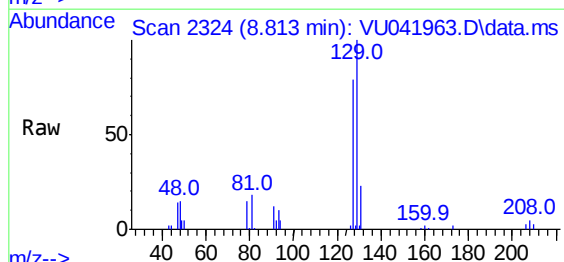
Ion	Ratio	Lower	Upper
43	100		
58	54.1	50.4	75.6
57	20.5	17.9	26.9
100	10.8	11.9	17.9

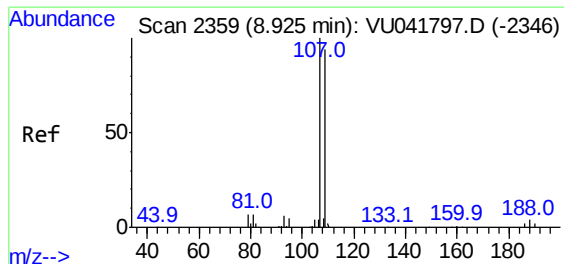


#49
Dibromochloromethane
Concen: 10.47 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 129 Resp: 19727

Ion	Ratio	Lower	Upper
129	100		
127	78.9	56.6	105.2

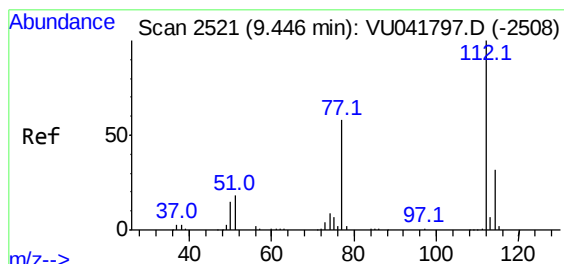
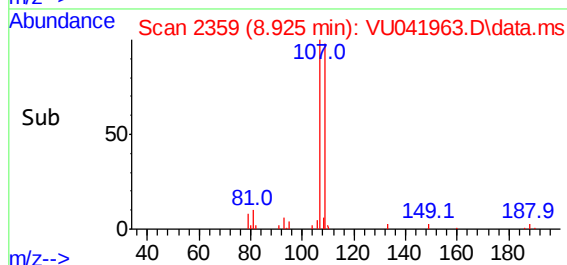
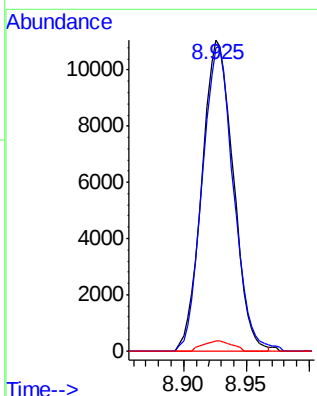
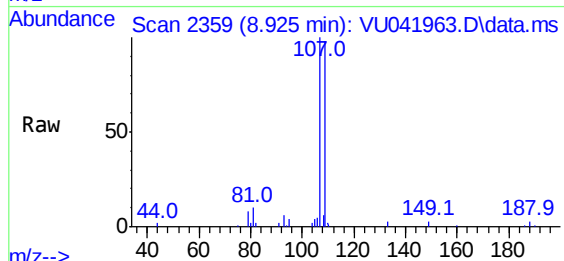




#50
1,2-Dibromoethane
Concen: 10.49 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

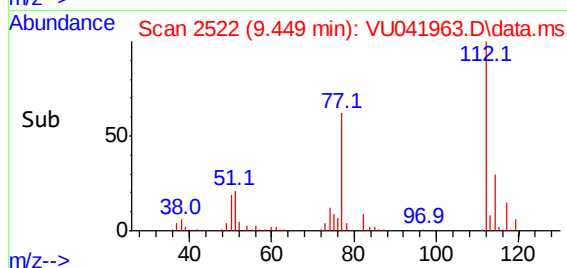
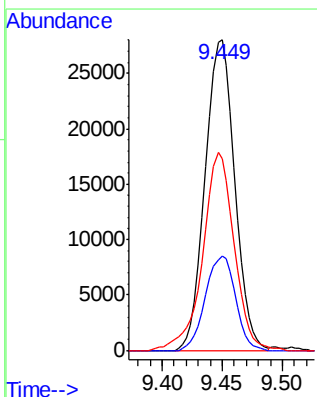
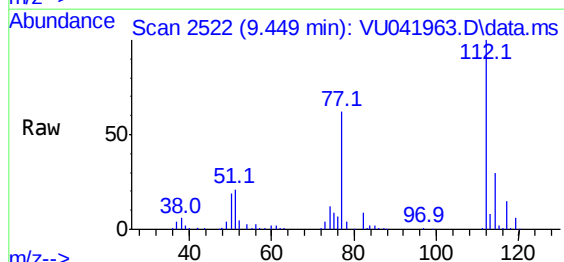
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

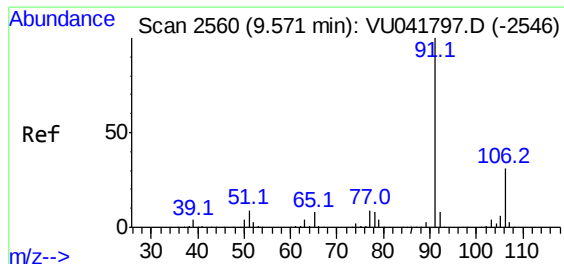
Tgt Ion:	107	Resp:	19055
Ion	Ratio	Lower	Upper
107	100		
109	97.7	65.7	122.1
188	3.1	2.9	4.3



#51
Chlorobenzene
Concen: 10.12 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion:	112	Resp:	46702
Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.0	41.0
77	61.8	46.0	69.0

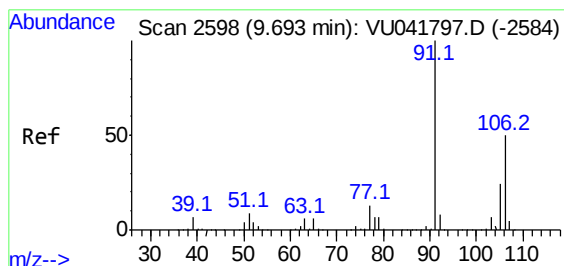
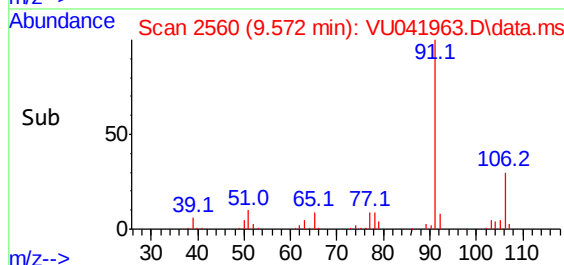
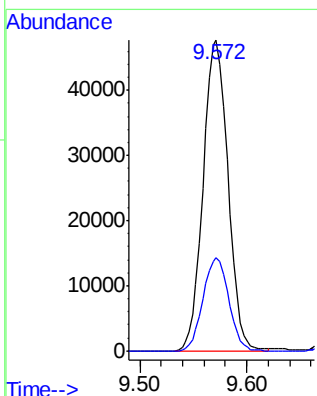
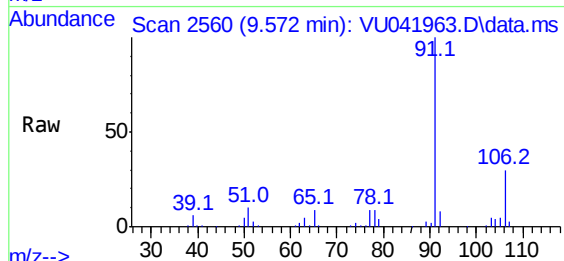




#52
Ethylbenzene
Concen: 10.06 ug/L
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

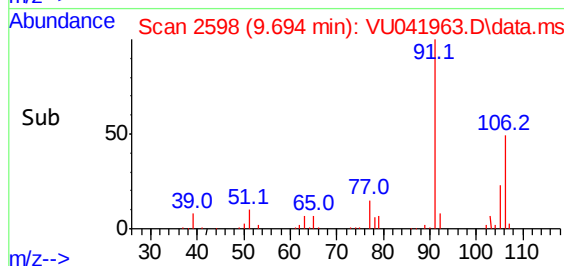
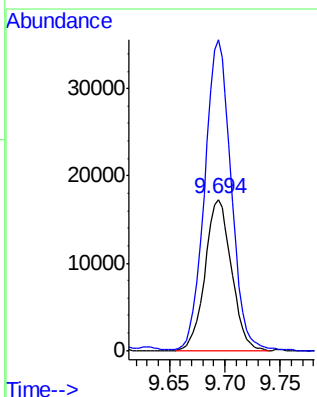
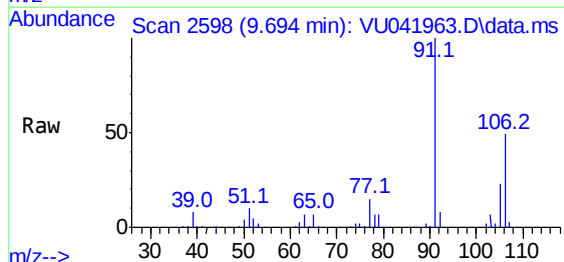
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

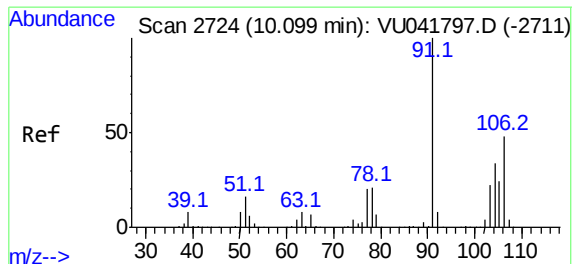
Tgt Ion: 91 Resp: 76548
Ion Ratio Lower Upper
91 100
106 29.8 21.5 39.9



#53
m,p-Xylene
Concen: 9.71 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 106 Resp: 28381
Ion Ratio Lower Upper
106 100
91 205.4 143.2 266.0

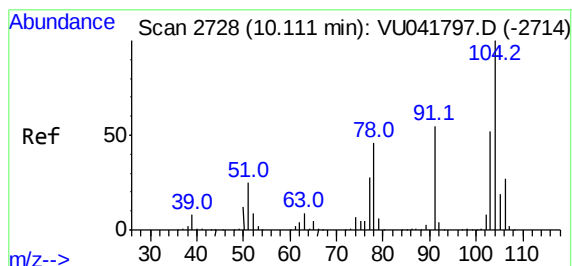
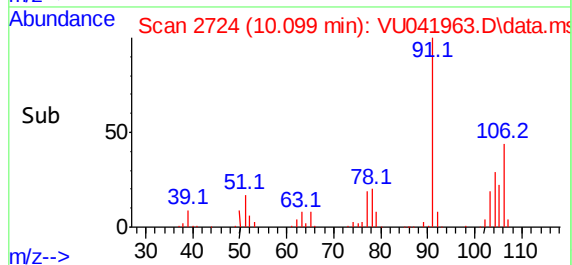
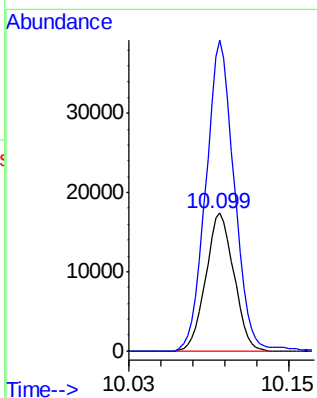
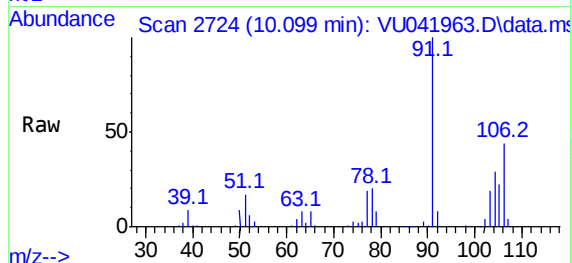




#54
o-xylene
Concen: 9.47 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

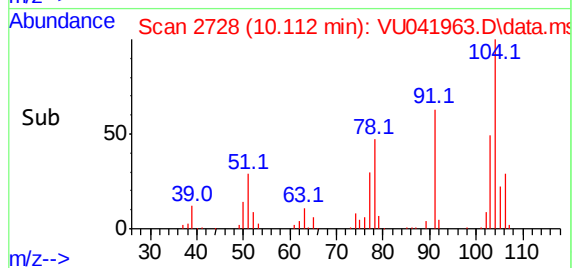
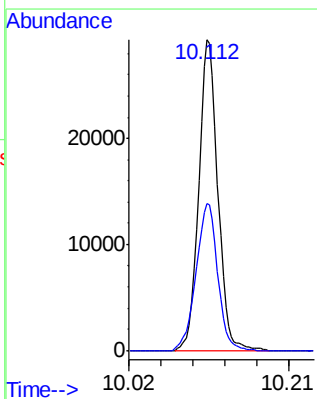
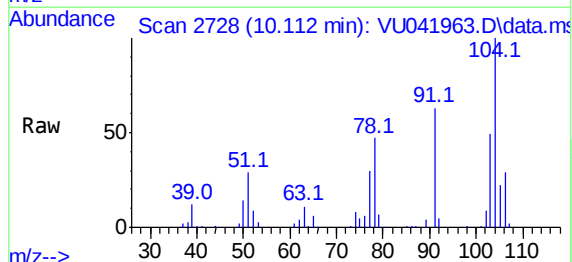
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

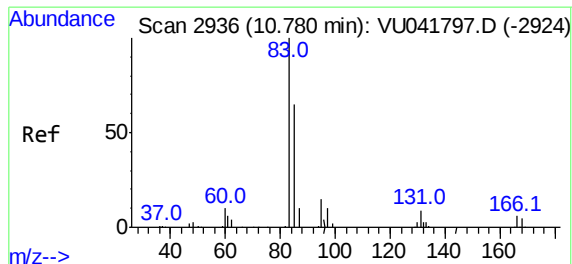
Tgt Ion:106 Resp: 27017
Ion Ratio Lower Upper
106 100
91 225.5 147.2 273.4



#55
Styrene
Concen: 9.70 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion:104 Resp: 47084
Ion Ratio Lower Upper
104 100
78 47.2 33.1 61.5



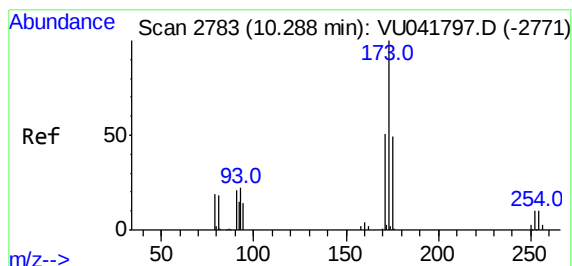
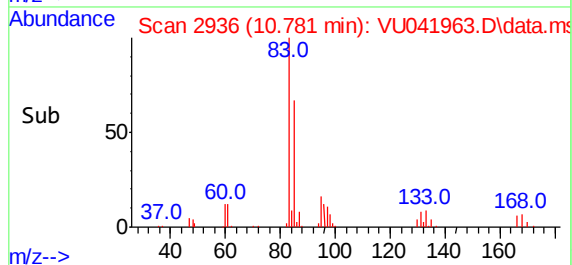
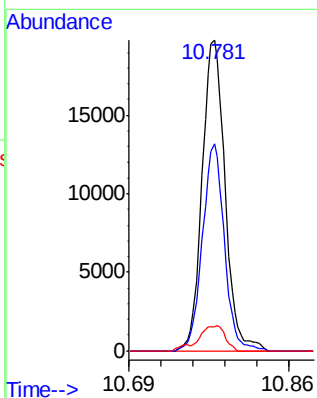
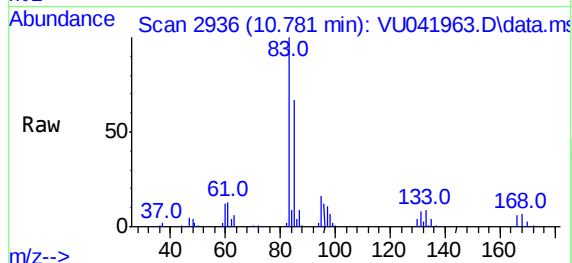


#57
1,1,2,2-Tetrachloroethane
Concen: 11.30 ug/L
RT: 10.781 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

Tgt Ion: 83 Resp: 33804

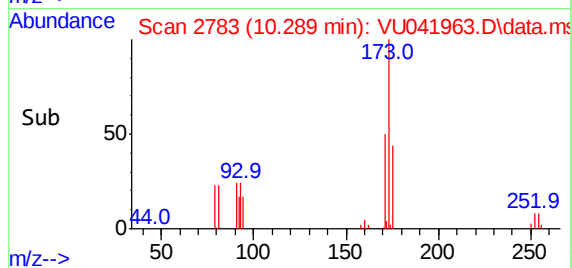
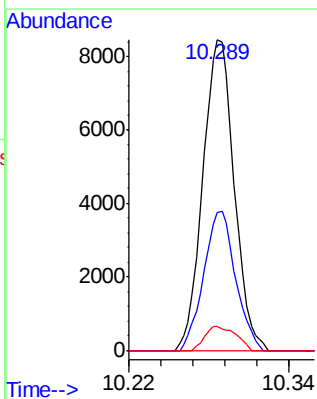
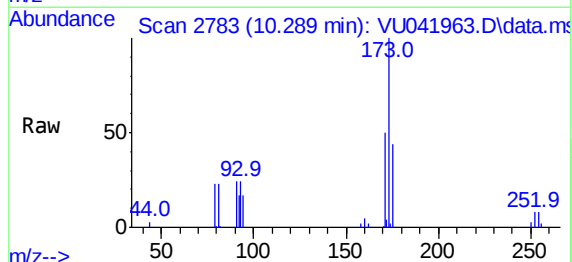
Ion	Ratio	Lower	Upper
83	100		
85	66.8	46.1	85.7
131	7.8	7.5	11.3

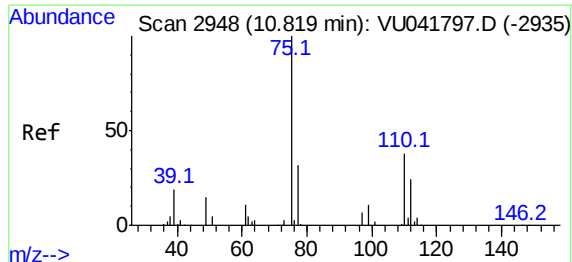


#59
Bromoform
Concen: 10.08 ug/L
RT: 10.289 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 173 Resp: 13964

Ion	Ratio	Lower	Upper
173	100		
175	45.6	38.3	57.5
254	7.7	7.6	11.4

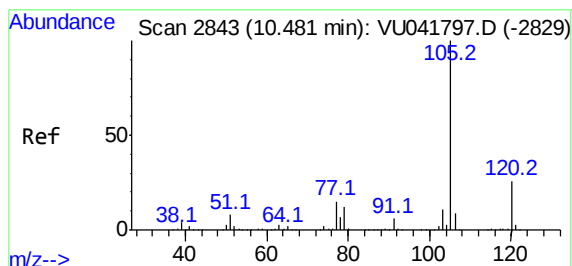
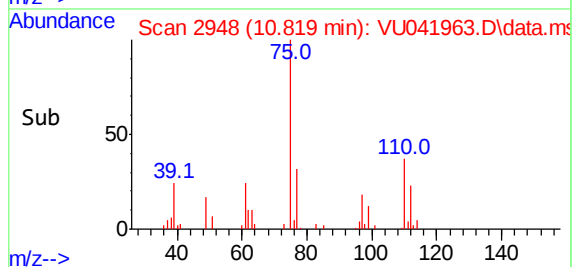
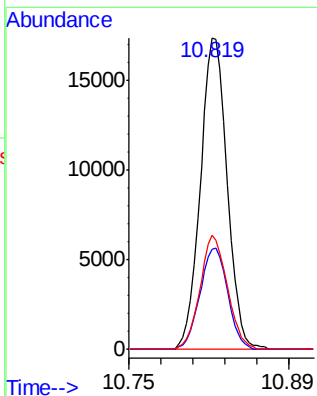
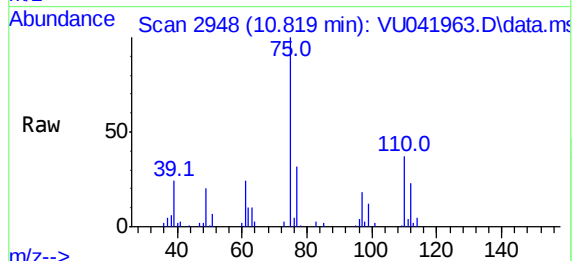




#60
1,2,3-Trichloropropane
Concen: 11.66 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

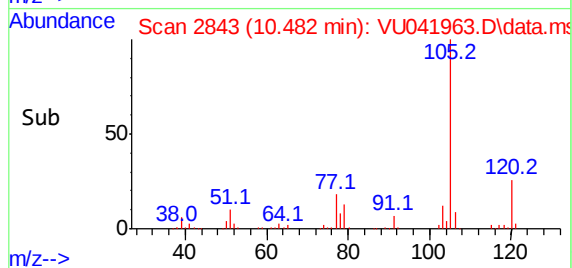
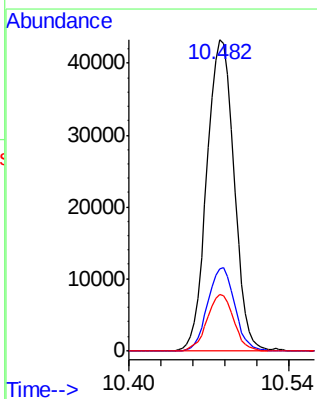
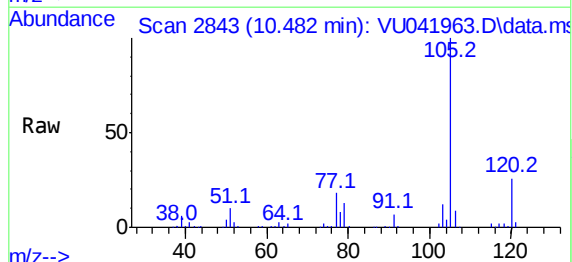
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

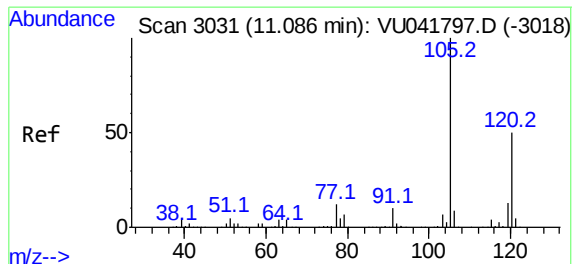
Tgt Ion: 75 Resp: 27728
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8
110 37.2 30.5 45.7



#61
Isopropylbenzene
Concen: 9.85 ug/L
RT: 10.482 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 105 Resp: 70189
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 17.3 12.6 18.8



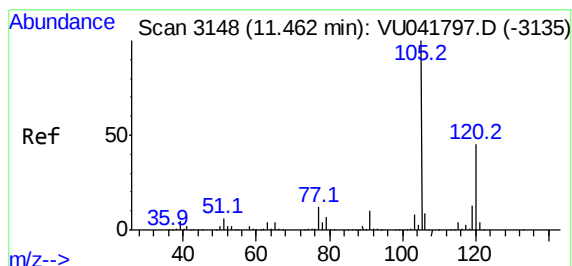
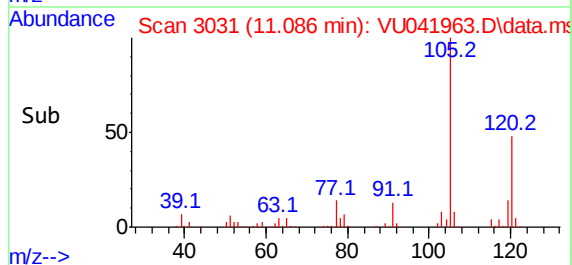
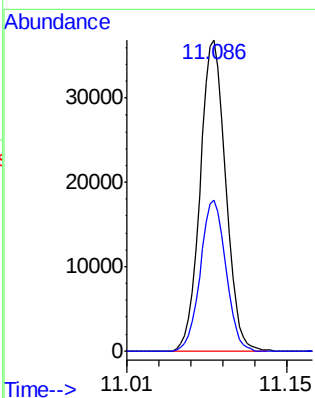
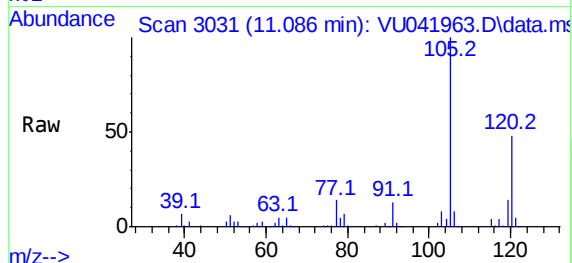


#62
 1,3,5-Trimethylbenzene
 Concen: 9.47 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU041963.D
 Acq: 12 Jan 2021 10:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010303

Tgt Ion:105 Resp: 56133

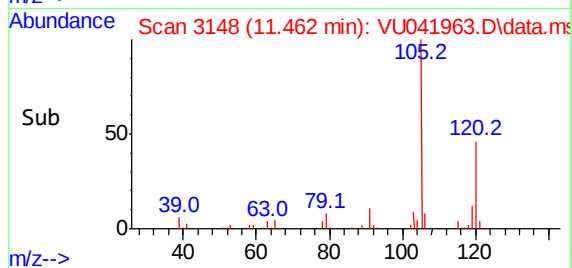
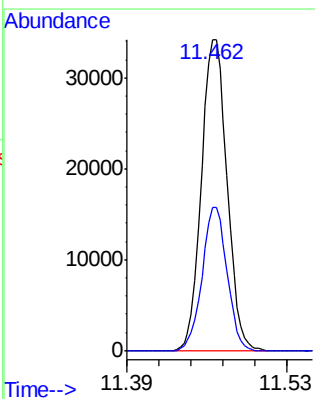
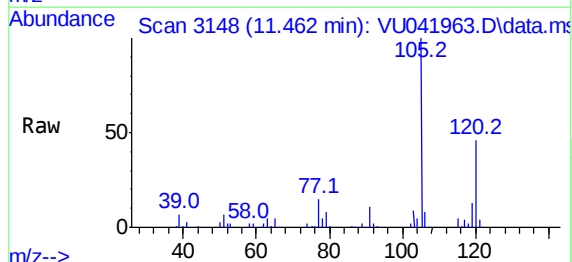
Ion	Ratio	Lower	Upper
105	100		
120	48.4	38.6	58.0

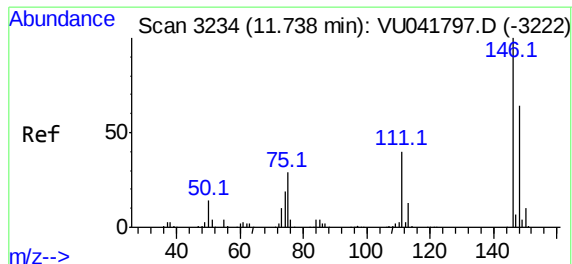


#63
 1,2,4-Trimethylbenzene
 Concen: 9.11 ug/L
 RT: 11.462 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU041963.D
 Acq: 12 Jan 2021 10:09

Tgt Ion:105 Resp: 54664

Ion	Ratio	Lower	Upper
105	100		
120	44.6	36.5	54.7

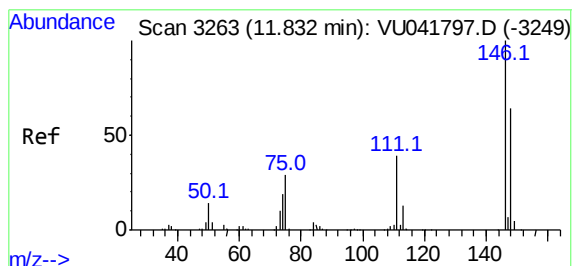
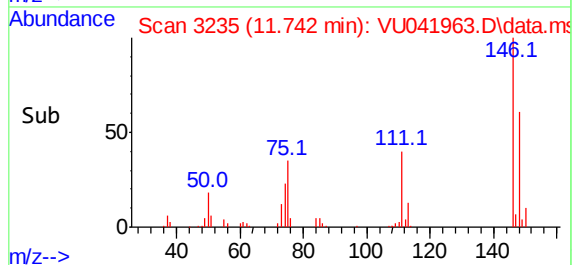
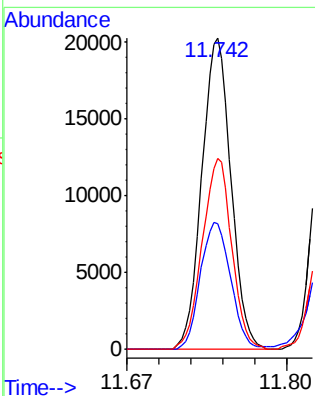
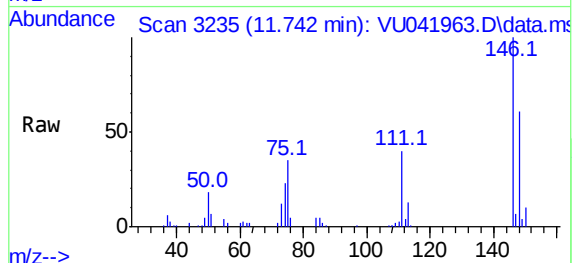




#64
1,3-Dichlorobenzene
Concen: 9.54 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

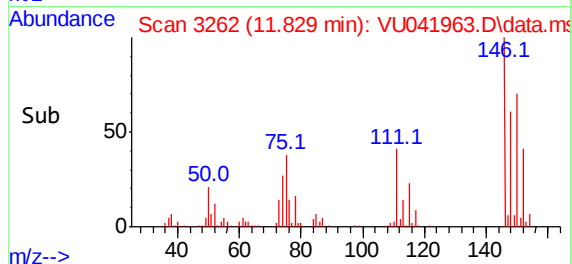
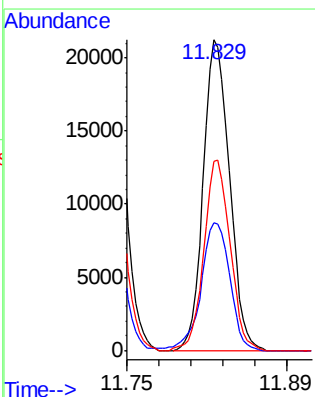
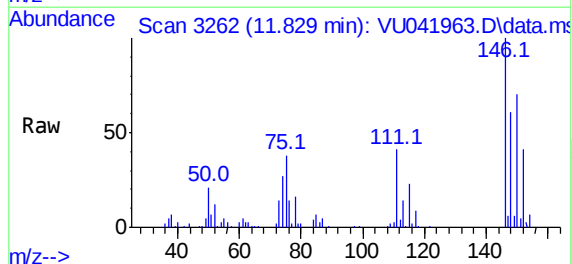
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

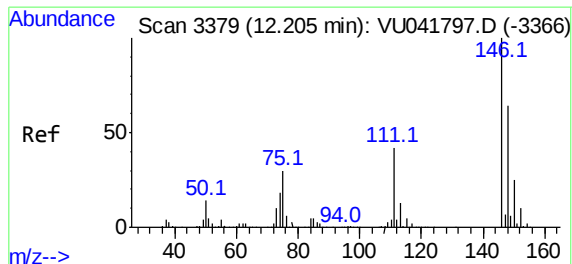
Tgt Ion:146 Resp: 32562
Ion Ratio Lower Upper
146 100
111 40.2 28.7 53.3
148 61.4 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 9.66 ug/L
RT: 11.829 min Scan# 3262
Delta R.T. -0.003 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion:146 Resp: 33252
Ion Ratio Lower Upper
146 100
111 41.3 28.1 52.1
148 61.0 44.8 83.2

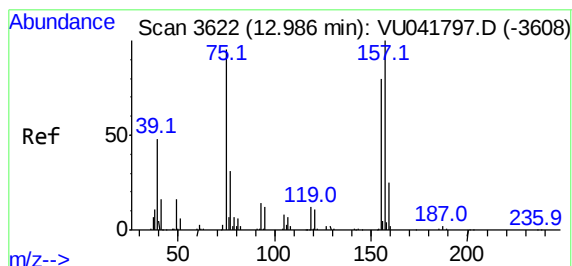
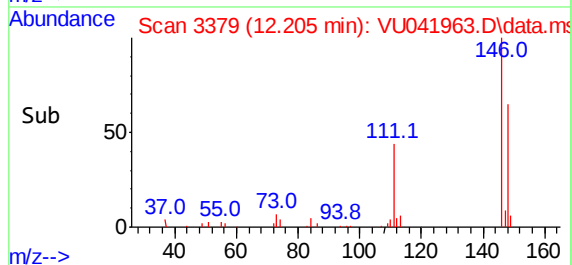
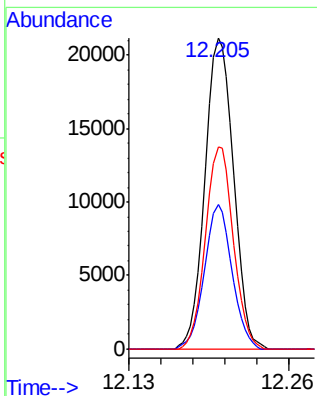
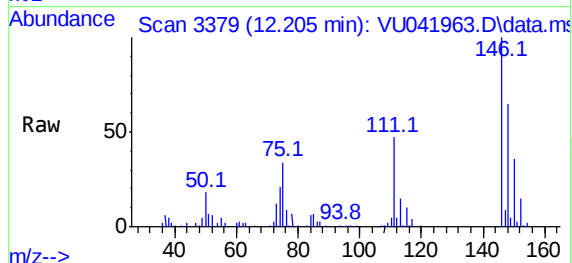




#67
1,2-Dichlorobenzene
Concen: 9.63 ug/L
RT: 12.205 min Scan# 3379
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

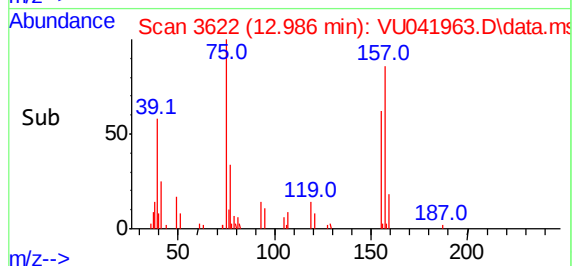
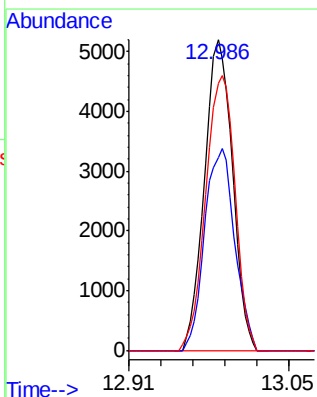
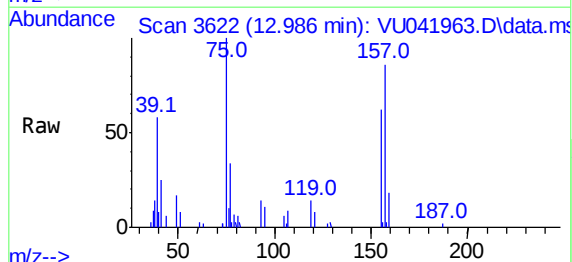
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

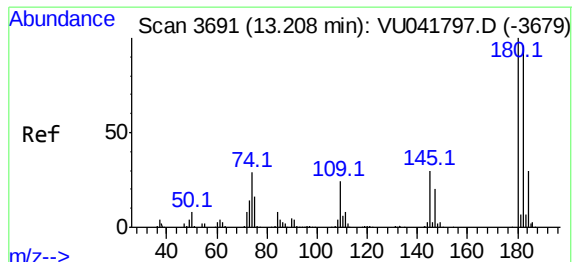
Tgt Ion:146 Resp: 33912
Ion Ratio Lower Upper
146 100
111 46.6 33.0 49.6
148 64.8 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 10.99 ug/L
RT: 12.986 min Scan# 3622
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion: 75 Resp: 8166
Ion Ratio Lower Upper
75 100
155 62.3 66.8 100.2#
157 85.8 85.5 128.3

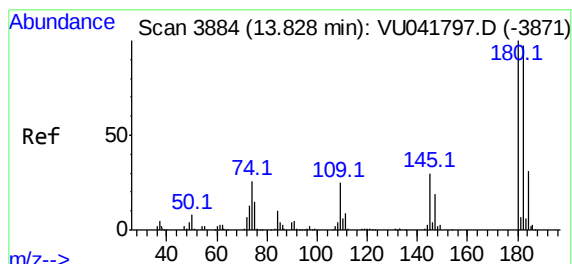
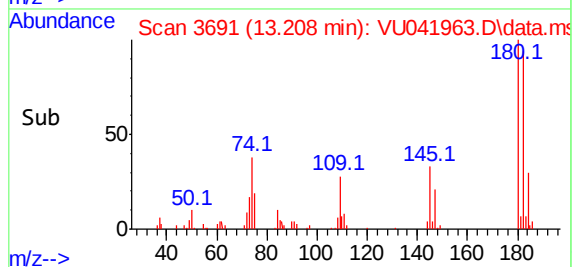
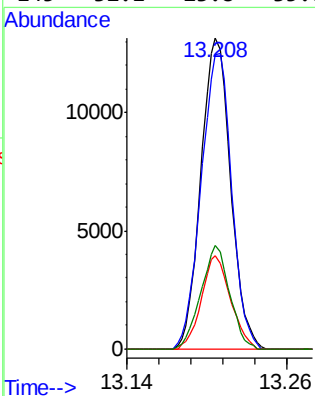
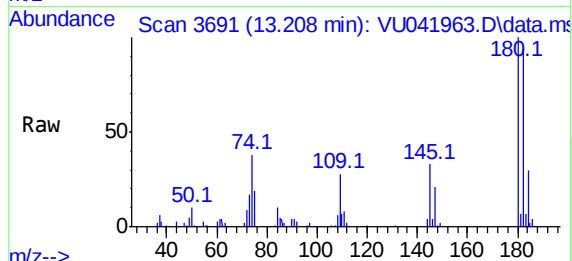




#69
1,3,5-Trichlorobenzene
Concen: 8.40 ug/L
RT: 13.208 min Scan# 3691
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

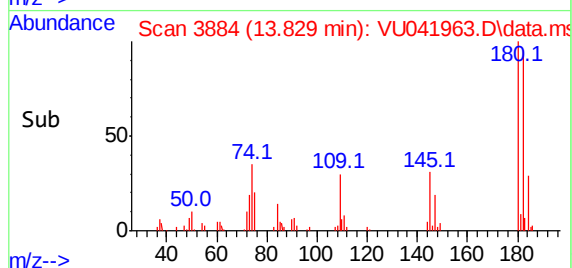
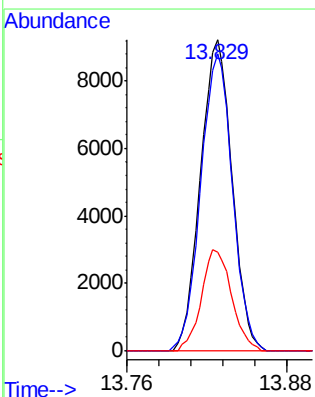
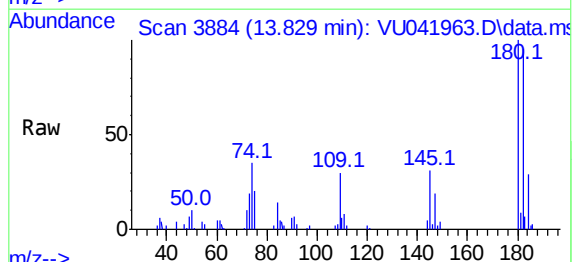
Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

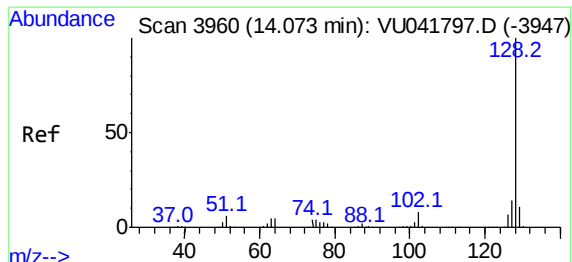
Tgt Ion:	180	Resp:	20634
Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.1	115.7
184	29.1	23.9	35.9
145	32.1	23.8	35.6



#70
1,2,4-trichlorobenzene
Concen: 7.43 ug/L
RT: 13.829 min Scan# 3884
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion:	180	Resp:	14645
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	30.8	24.1	36.1

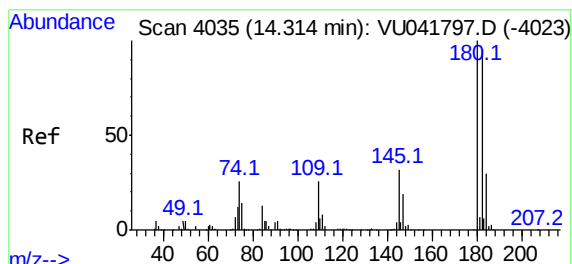
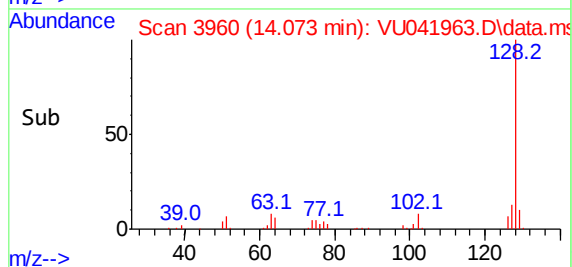
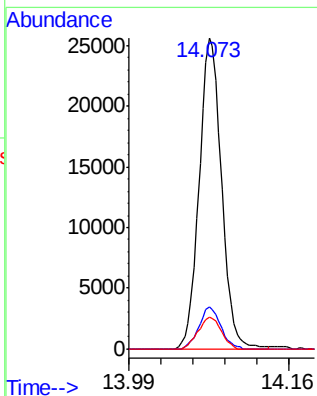
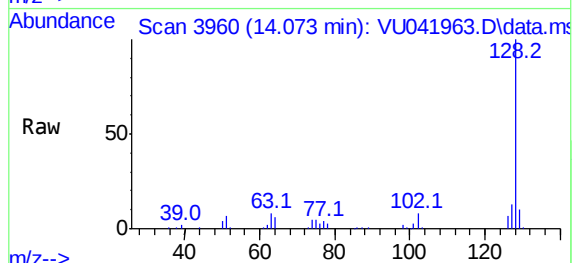




#71
Naphthalene
Concen: 6.42 ug/L
RT: 14.073 min Scan# 3960
Delta R.T. 0.000 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD010303

Tgt Ion:128 Resp: 41083
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.4 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 7.79 ug/L
RT: 14.317 min Scan# 4036
Delta R.T. 0.004 min
Lab File: VU041963.D
Acq: 12 Jan 2021 10:09

Tgt Ion:180 Resp: 15505
Ion Ratio Lower Upper
180 100
182 92.3 75.8 113.6
145 33.1 26.2 39.4

