

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011821\
 Data File : VU042088.D
 Acq On : 18 Jan 2021 11:36
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

Quant Time: Jan 19 00:50:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:59:10 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	284368	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.420	117	227993	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121826	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.600	65	128137	41.08 ug/L	0.00
7) Chloroethane-d5	1.919	69	104242	42.06 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	208728	41.22 ug/L	0.00
21) 2-Butanone-d5	4.639	46	163450	69.14 ug/L	0.00
24) Chloroform-d	5.079	84	199503	41.89 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	130912	43.71 ug/L	0.00
32) Benzene-d6	5.739	84	424575	53.28 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.703	67	121355	47.69 ug/L	0.00
41) Toluene-d8	7.902	98	325156	47.99 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	58402	46.49 ug/L	0.00
47) 2-Hexanone-d5	8.639	63	114885	83.67 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	158813	43.16 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	123392	48.65 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.385	85	118524	43.57 ug/L	98
3) Chloromethane	1.523	50	125209	39.39 ug/L	99
5) Vinyl chloride	1.607	62	137756	42.13 ug/L	99
6) Bromomethane	1.861	94	90244	45.19 ug/L	97
8) Chloroethane	1.938	64	81619	40.77 ug/L	100
9) Trichlorofluoromethane	2.144	101	179273	43.87 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	101861	44.74 ug/L	94
12) 1,1-Dichloroethene	2.591	96	98072	45.20 ug/L	84
13) Acetone	2.642	43	170631	85.29 ug/L	97
14) Carbon disulfide	2.803	76	309431	44.04 ug/L	99
15) Methyl Acetate	2.961	43	122645	39.06 ug/L	95
16) Methylene chloride	3.057	84	115357	45.73 ug/L	93
17) trans-1,2-Dichloroethene	3.366	96	103358	45.30 ug/L	94
18) Methyl tert-butyl Ether	3.375	73	327246	44.26 ug/L	98
19) 1,1-Dichloroethane	3.887	63	190900	42.29 ug/L	99
20) cis-1,2-Dichloroethene	4.681	96	101794	41.37 ug/L	96
22) 2-Butanone	4.719	43	198300	75.48 ug/L	93
23) Bromochloromethane	4.989	128	57484	48.70 ug/L	88
25) Chloroform	5.105	83	188280	41.96 ug/L	95
27) 1,2-Dichloroethane	5.806	62	149380	43.43 ug/L	99
29) Cyclohexane	5.404	56	156052	45.50 ug/L	94
30) 1,1,1-Trichloroethane	5.330	97	166757	49.05 ug/L	97
31) Carbon tetrachloride	5.536	117	139387	49.31 ug/L	100
33) Benzene	5.787	78	447764	52.99 ug/L	100
34) Trichloroethene	6.552	95	106685	51.32 ug/L	98
35) Methylcyclohexane	6.771	83	155702	51.05 ug/L	97
37) 1,2-Dichloropropane	6.800	63	102752	46.32 ug/L	100
38) Bromodichloromethane	7.115	83	126877	46.05 ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	150497	46.15 ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	269651	78.63 ug/L	96
42) Toluene	7.973	91	384283	47.74 ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	150486	48.03 ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	91456	47.24 ug/L	95

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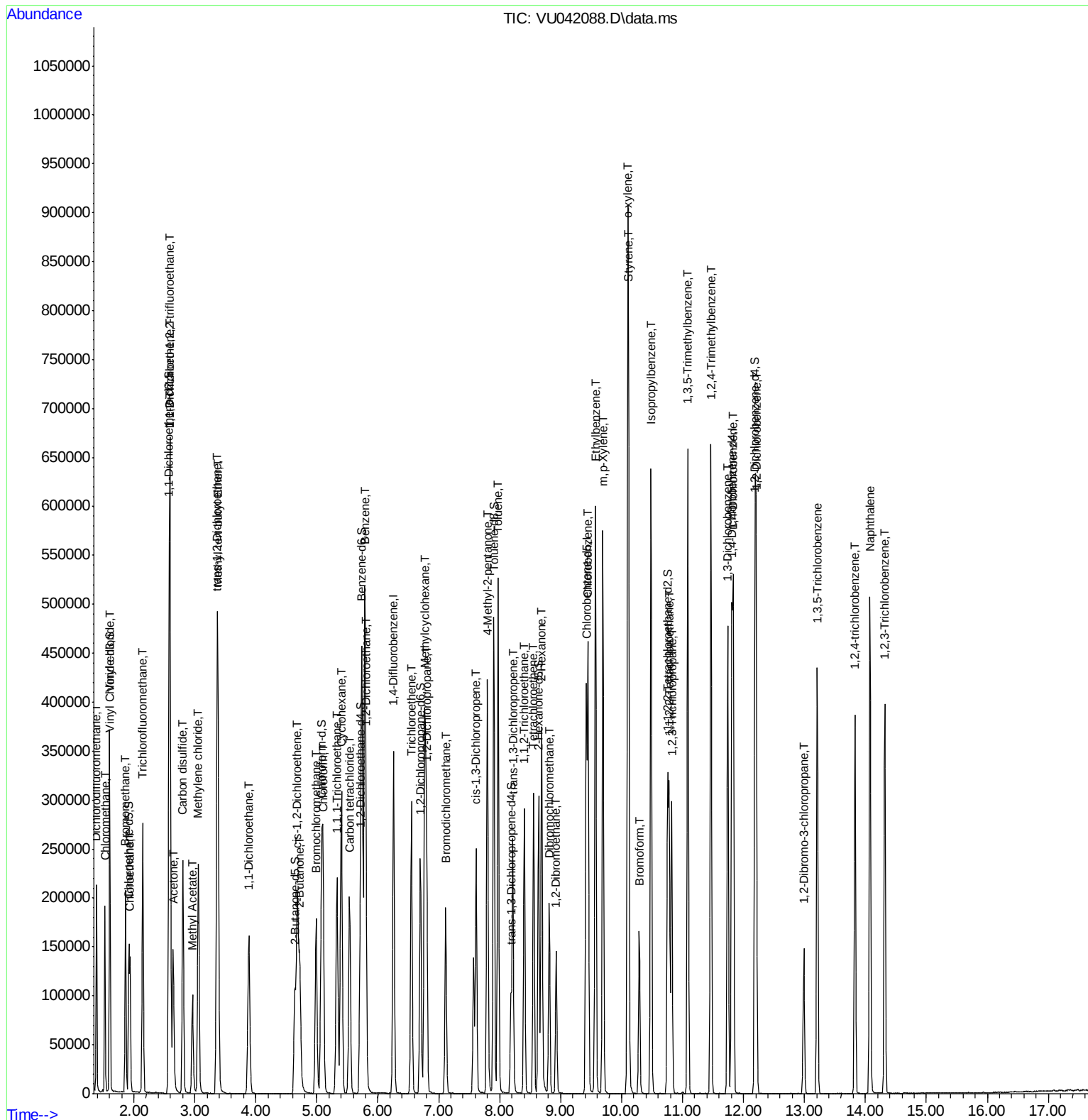
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	8.555	164	67698	51.87	ug/L	99
48) 2-Hexanone	8.687	43	232890	82.05	ug/L	98
49) Dibromochloromethane	8.812	129	101255	49.12	ug/L	96
50) 1,2-Dibromoethane	8.925	107	96984	47.80	ug/L	99
51) Chlorobenzene	9.449	112	241891	48.92	ug/L	98
52) Ethylbenzene	9.571	91	424576	49.47	ug/L	99
53) m,p-Xylene	9.693	106	159928	51.37	ug/L	97
54) o-xylene	10.102	106	154811	51.49	ug/L	96
55) Styrene	10.115	104	276613	52.25	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	155755	43.44	ug/L	97
59) Bromoform	10.291	173	75556	47.72	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	130091	40.85	ug/L	98
61) Isopropylbenzene	10.484	105	412955	48.38	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	352905	48.79	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	361257	49.90	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	195719	50.12	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	199081	50.99	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	195348	48.93	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.989	75	40993	40.61	ug/L	89
69) 1,3,5-Trichlorobenzene	13.211	180	133701	50.72	ug/L	100
70) 1,2,4-trichlorobenzene	13.828	180	117194	57.67	ug/L	97
71) Naphthalene	14.076	128	399756	57.13	ug/L	99
72) 1,2,3-Trichlorobenzene	14.317	180	118820	57.07	ug/L	99

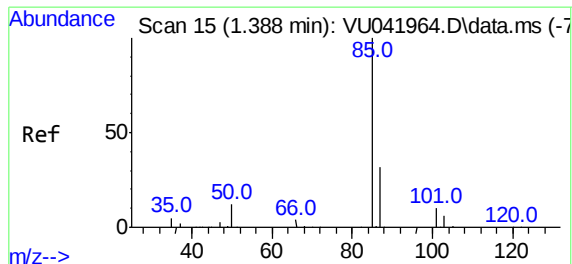
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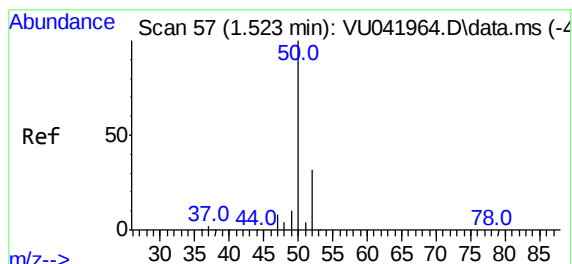
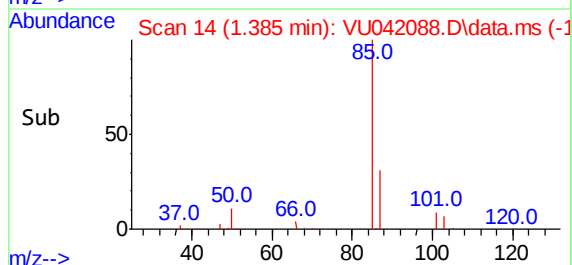
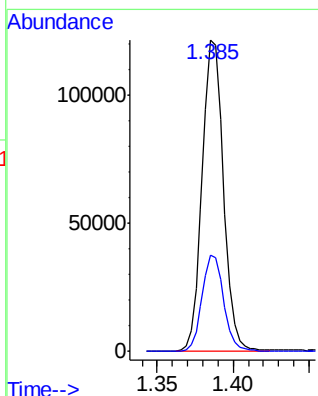
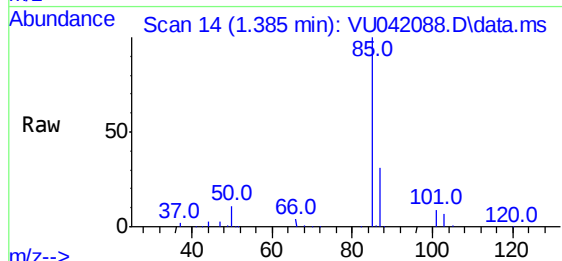




#2
Dichlorodifluoromethane
Concen: 43.57 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

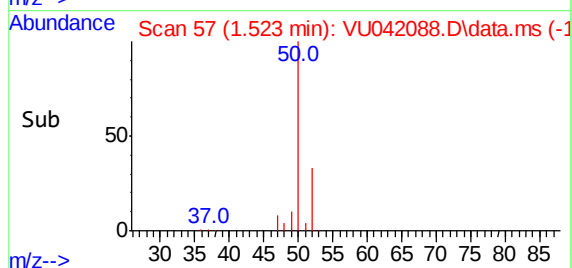
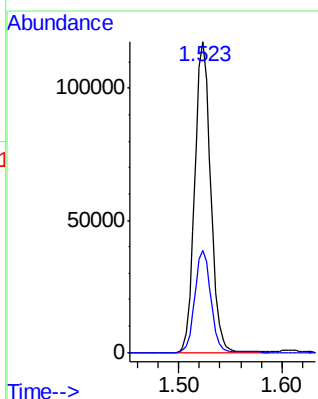
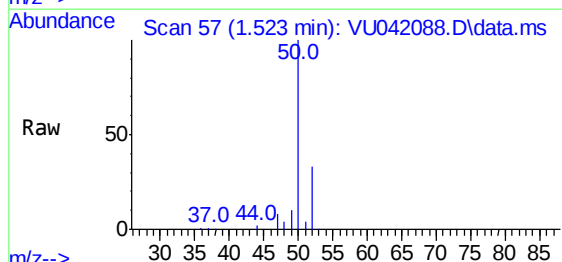
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MSVOA_U
ClientSampleId :
VSTD050161

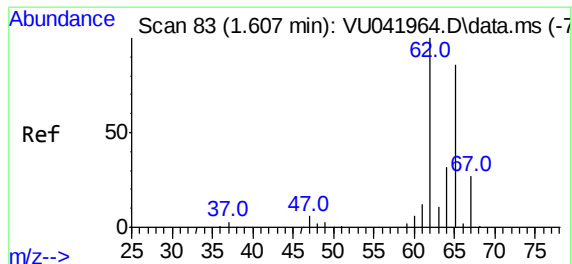
Tgt Ion: 85 Resp: 118524
Ion Ratio Lower Upper
85 100
87 30.9 25.8 38.6



#3
Chloromethane
Concen: 39.39 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 50 Resp: 125209
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.9

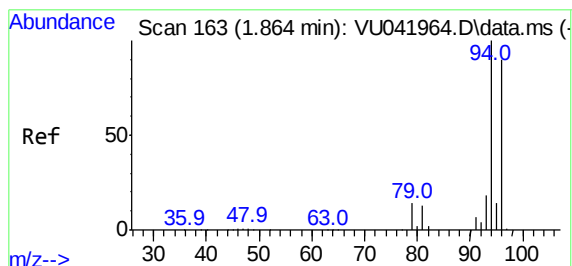
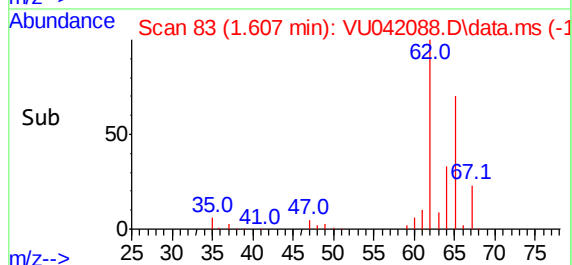
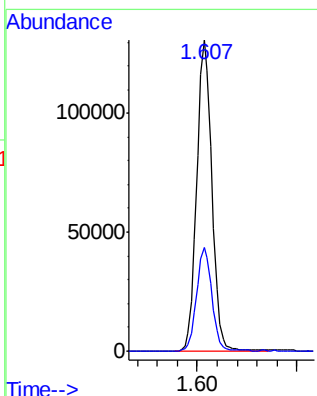
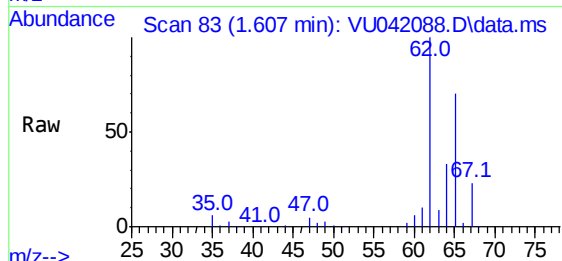




#5
 Vinyl chloride
 Concen: 42.13 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042088.D
 Acq: 18 Jan 2021 11:36

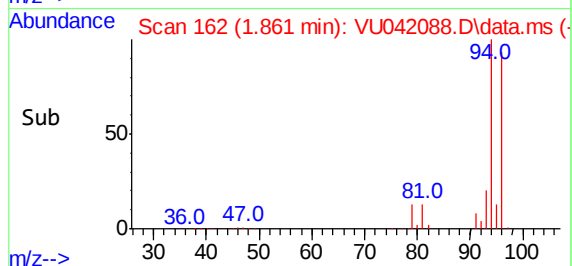
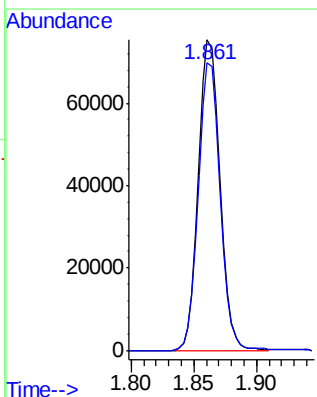
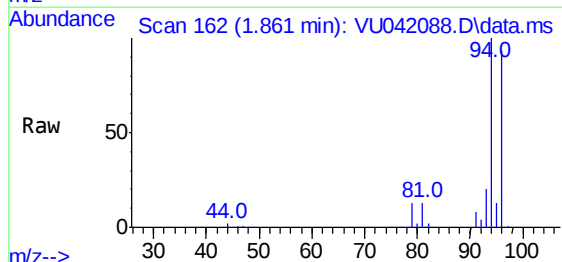
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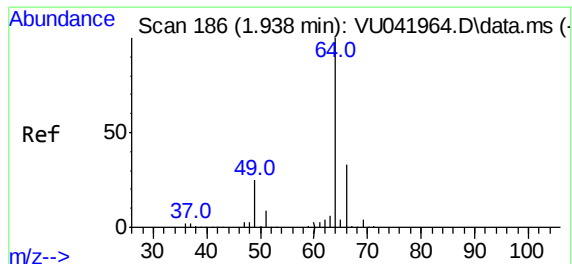
Tgt Ion: 62 Resp: 137756
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 45.19 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU042088.D
 Acq: 18 Jan 2021 11:36

Tgt Ion: 94 Resp: 90244
 Ion Ratio Lower Upper
 94 100
 96 92.7 62.8 116.6

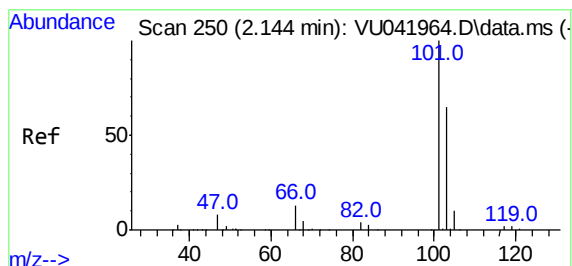
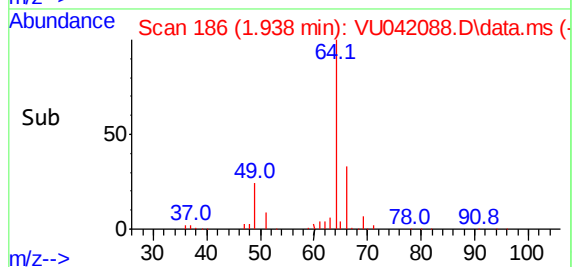
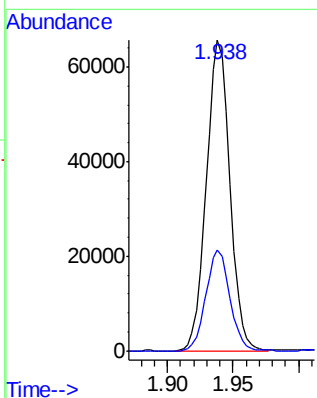
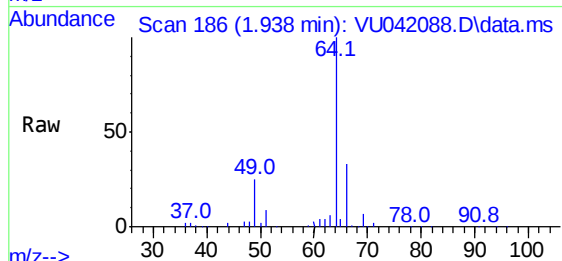




#8
Chloroethane
Concen: 40.77 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

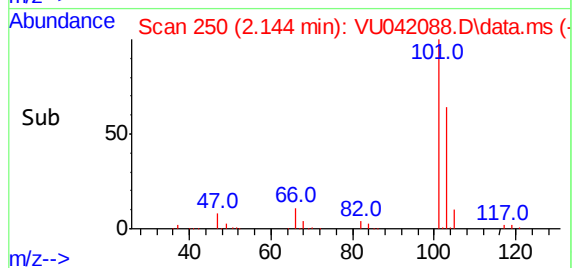
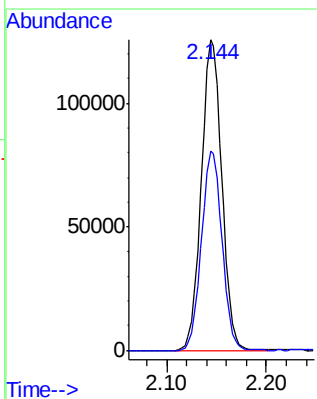
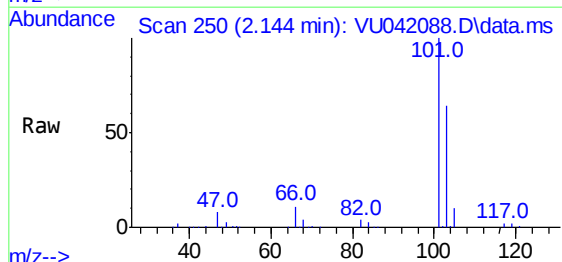
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

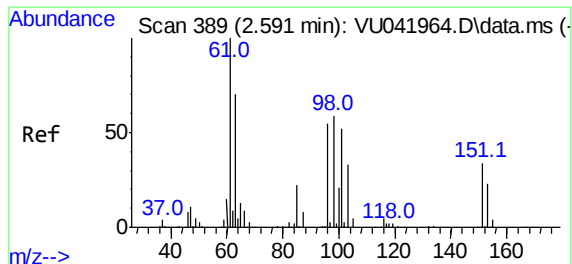
Tgt Ion: 64 Resp: 81619
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 43.87 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion:101 Resp: 179273
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2



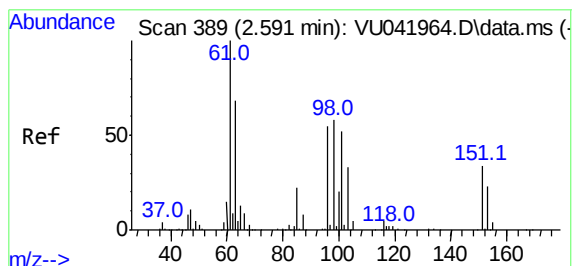
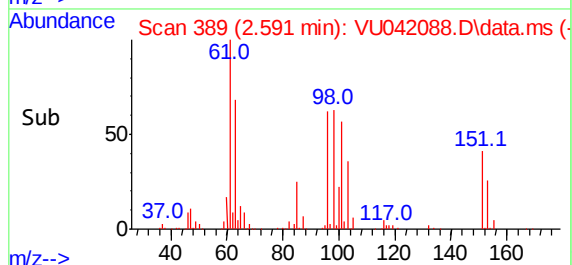
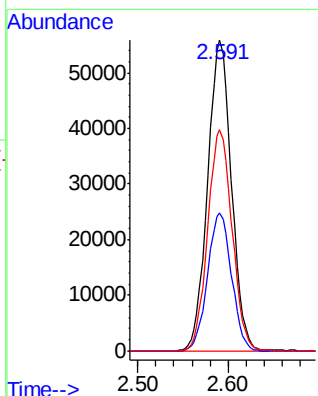
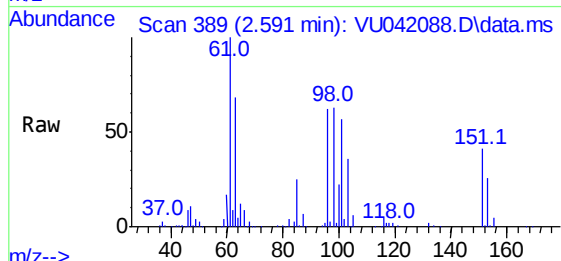


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.74 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VU042088.D
 Acq: 18 Jan 2021 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

Tgt Ion:101 Resp: 101861

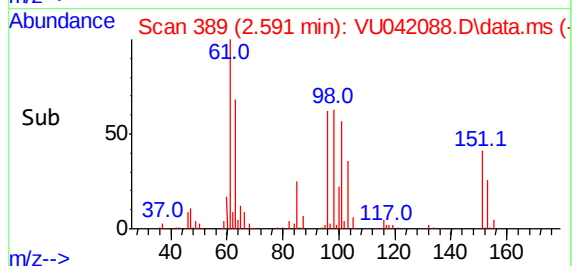
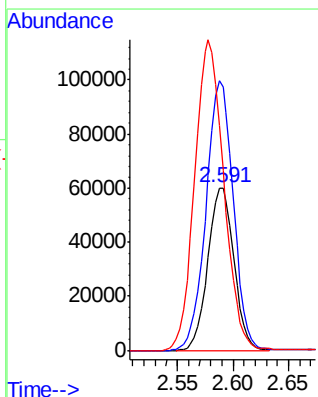
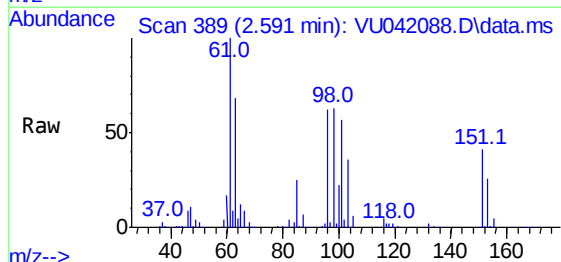
Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.0	52.4
151	72.8	52.6	79.0

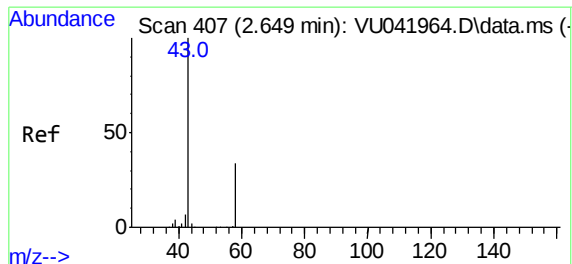


#12
 1,1-Dichloroethene
 Concen: 45.20 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VU042088.D
 Acq: 18 Jan 2021 11:36

Tgt Ion: 96 Resp: 98072

Ion	Ratio	Lower	Upper
96	100		
61	161.8	127.8	237.4
63	110.5	91.2	169.4

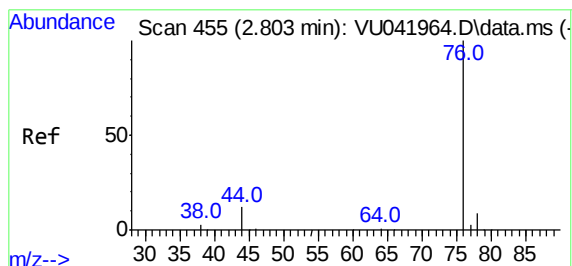
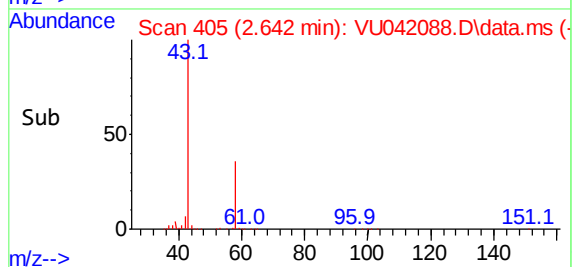
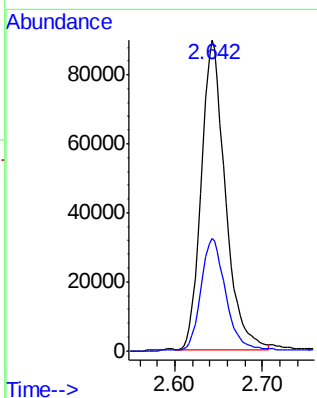
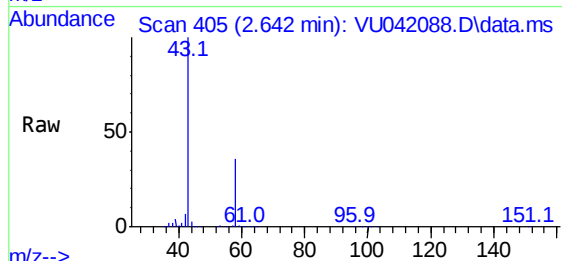




#13
Acetone
Concen: 85.29 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

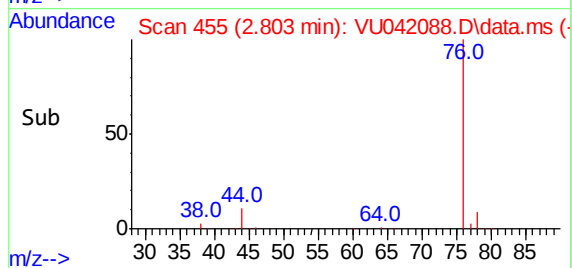
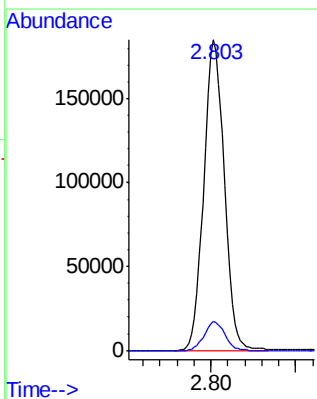
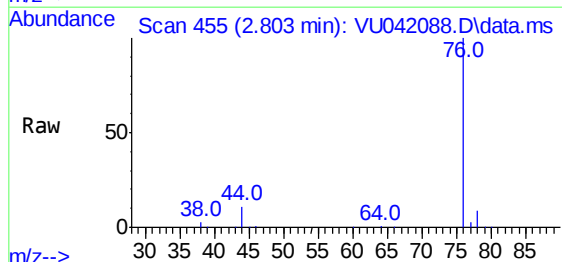
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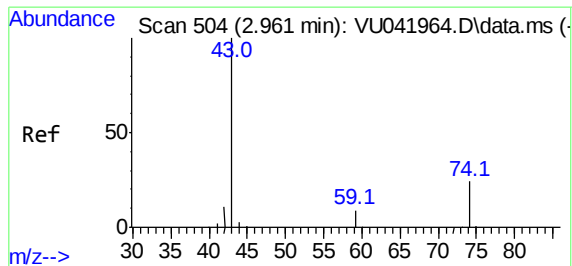
Tgt Ion: 43 Resp: 170631
Ion Ratio Lower Upper
43 100
58 36.7 0.0 70.0



#14
Carbon disulfide
Concen: 44.04 ug/L
RT: 2.803 min Scan# 455
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 76 Resp: 309431
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

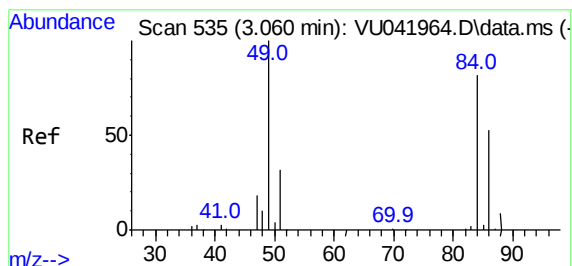
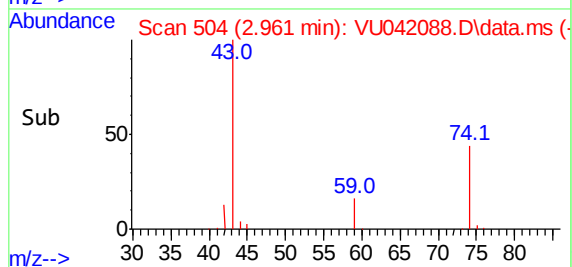
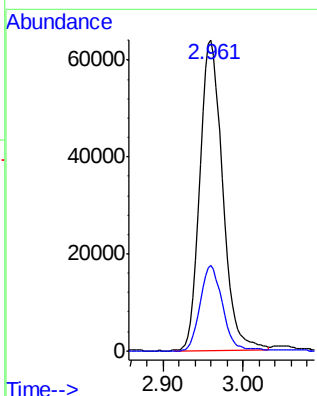
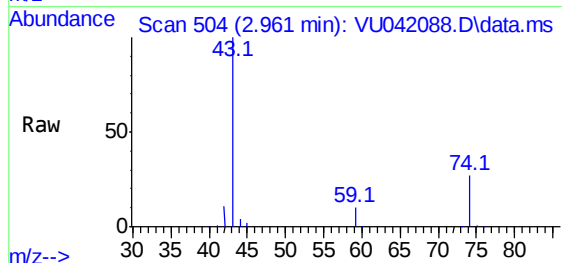




#15
Methyl Acetate
Concen: 39.06 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

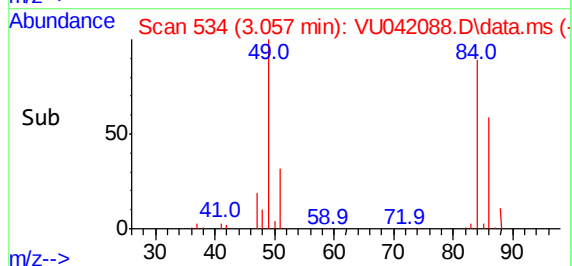
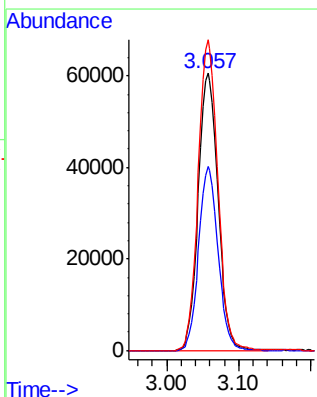
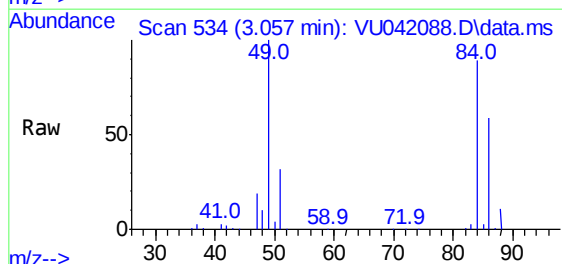
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

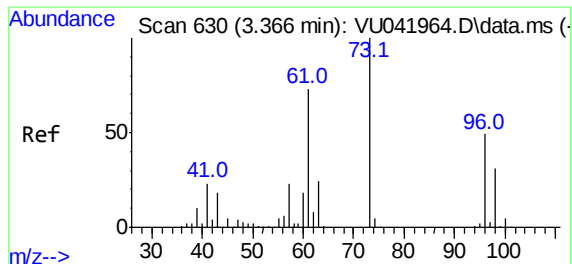
Tgt Ion: 43 Resp: 122645
Ion Ratio Lower Upper
43 100
74 26.5 19.3 28.9



#16
Methylene chloride
Concen: 45.73 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 84 Resp: 115357
Ion Ratio Lower Upper
84 100
86 66.3 45.6 84.6
49 112.1 86.0 159.6

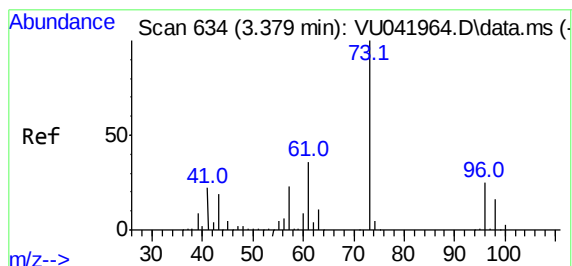
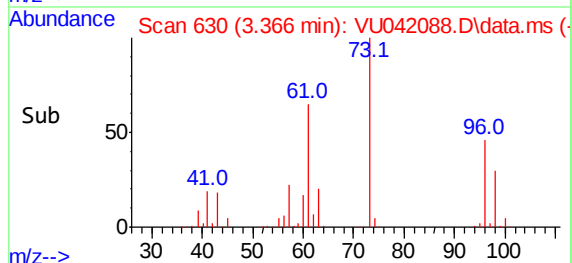
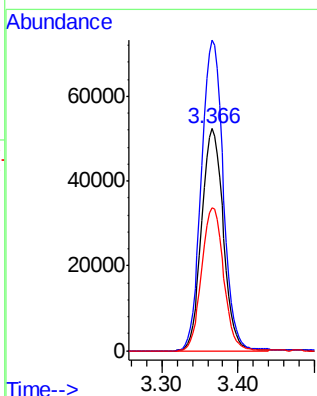
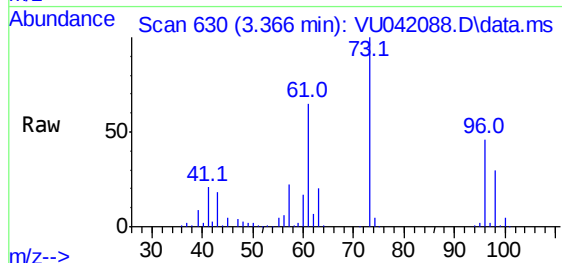




#17
trans-1,2-Dichloroethene
Concen: 45.30 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

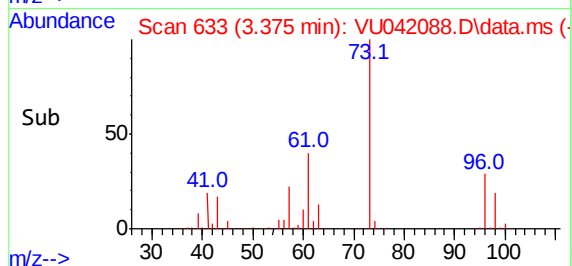
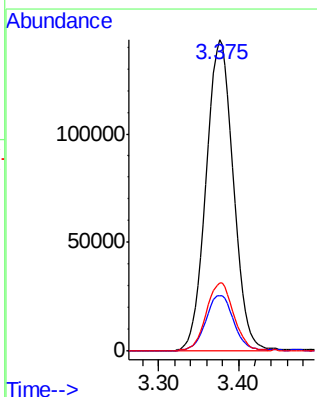
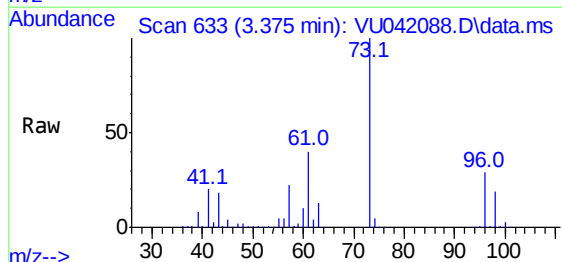
Instrument :
MSVOA_U
ClientSampleId :
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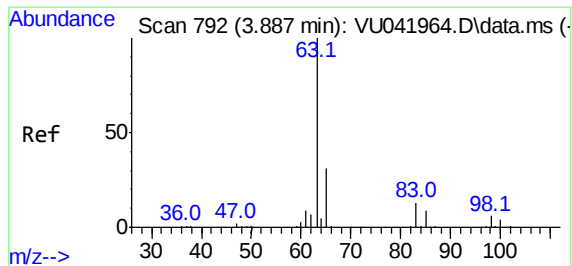
Tgt Ion: 96 Resp: 103358
Ion Ratio Lower Upper
96 100
61 139.8 105.3 195.6
98 64.4 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 44.26 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 73 Resp: 327246
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 21.8 18.1 27.1

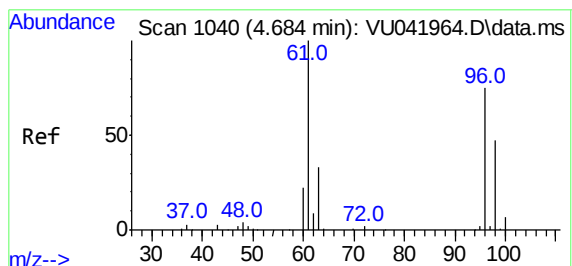
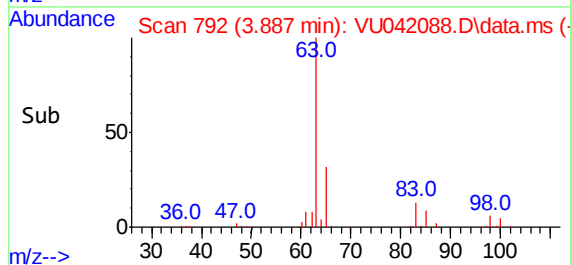
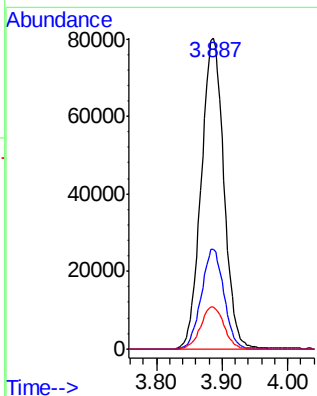
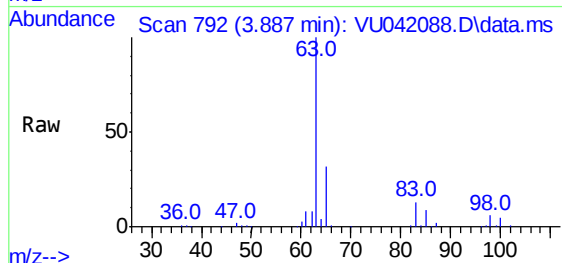




#19
1,1-Dichloroethane
Concen: 42.29 ug/L
RT: 3.887 min Scan# 792
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

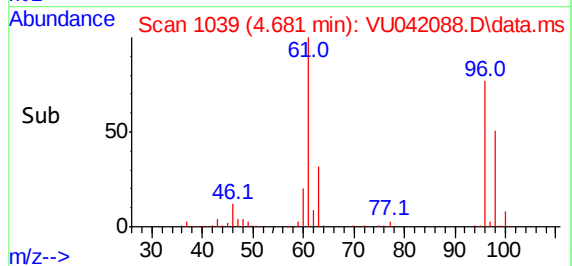
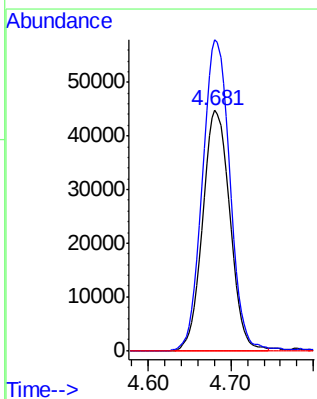
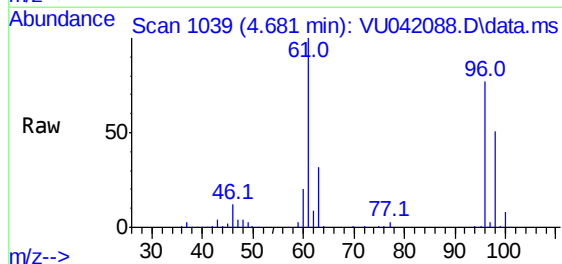
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

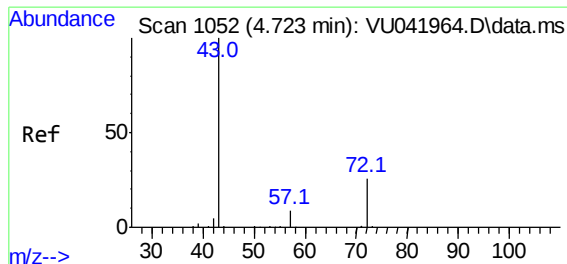
Tgt Ion: 63 Resp: 190900
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.6
83 13.3 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 41.37 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 96 Resp: 101794
Ion Ratio Lower Upper
96 100
61 129.6 93.9 174.5
68 0.0 0.0 0.0

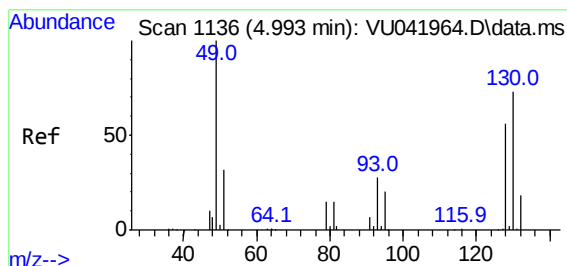
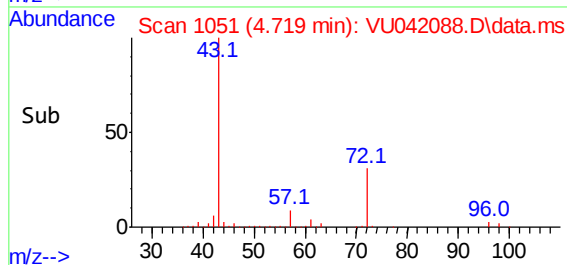
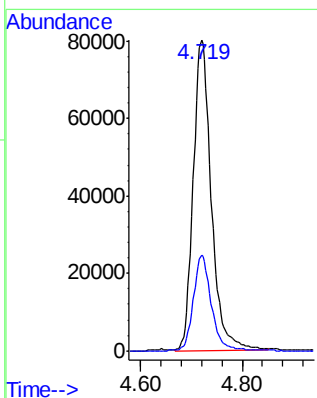
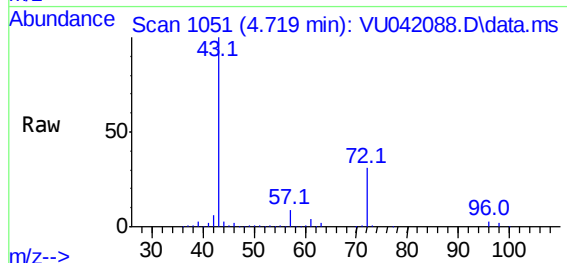




#22
2-Butanone
Concen: 75.48 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

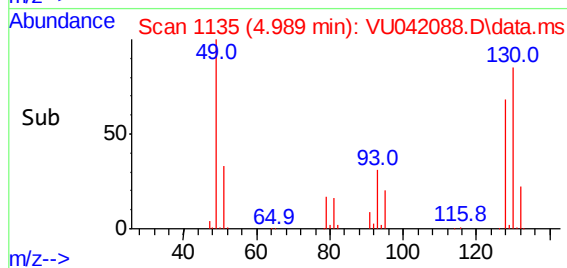
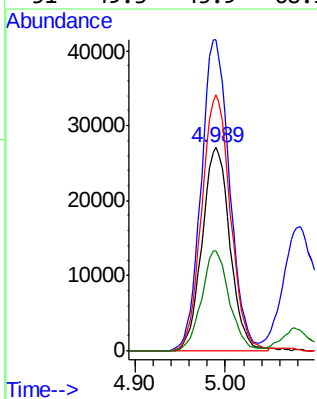
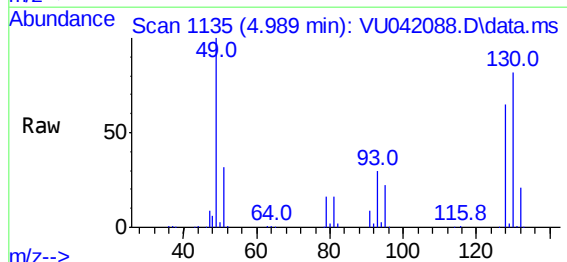
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ClientSampleId :
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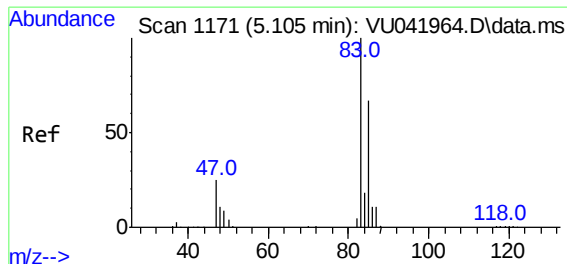
Tgt Ion: 43 Resp: 198300
Ion Ratio Lower Upper
43 100
72 30.6 13.6 40.8



#23
Bromochloromethane
Concen: 48.70 ug/L
RT: 4.989 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 128 Resp: 57484
Ion Ratio Lower Upper
128 100
49 153.1 124.9 232.1
130 126.0 91.1 169.3
51 49.3 45.9 68.9

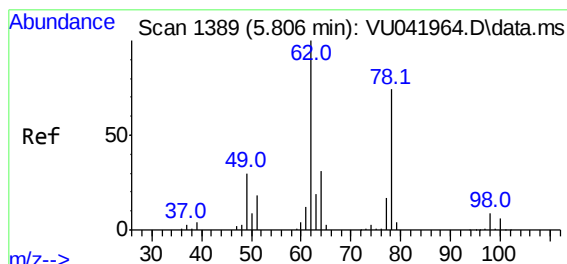
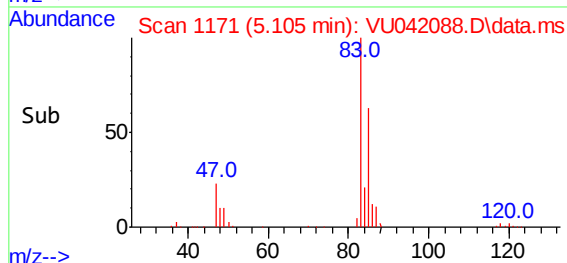
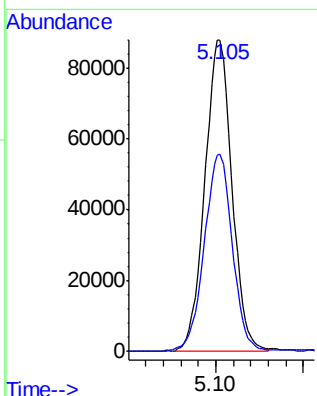
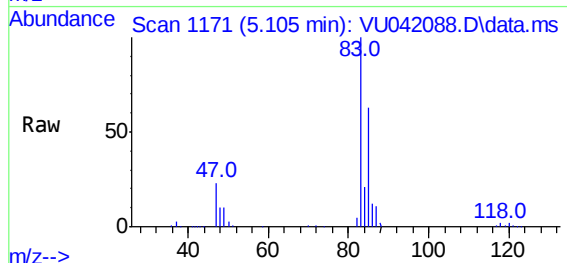




#25
Chloroform
Concen: 41.96 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

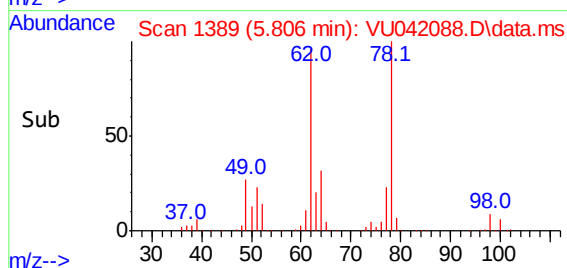
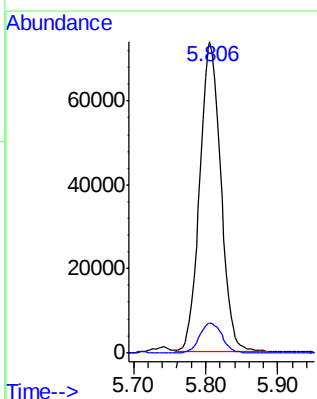
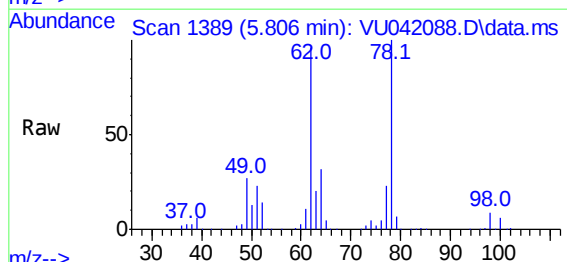
Instrument :
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ClientSampleId :
VSTD050161

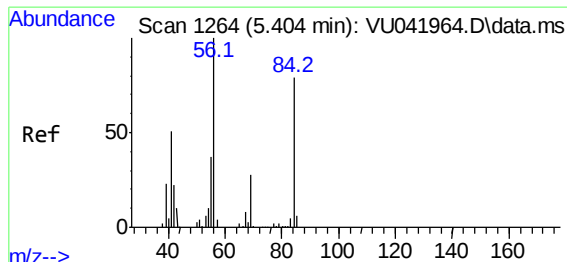
Tgt Ion: 83 Resp: 188280
Ion Ratio Lower Upper
83 100
85 63.2 46.9 87.1



#27
1,2-Dichloroethane
Concen: 43.43 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 62 Resp: 149380
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9

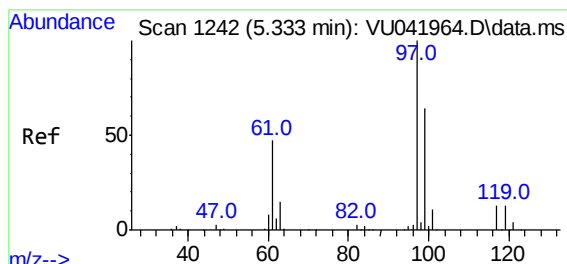
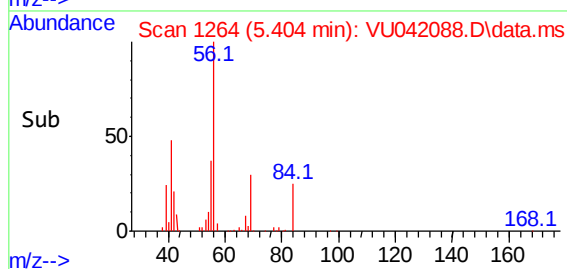
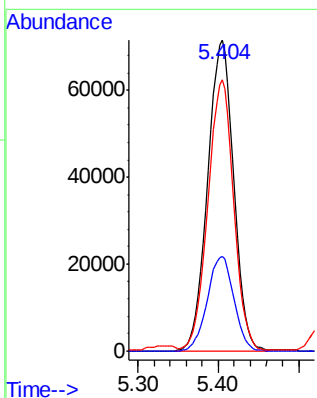
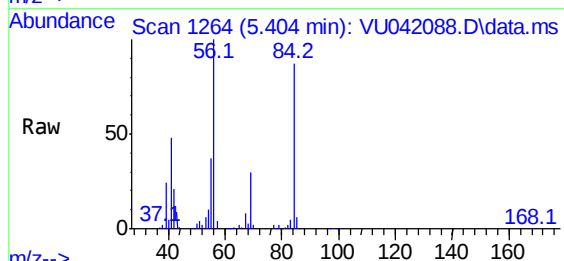




#29
Cyclohexane
Concen: 45.50 ug/L
RT: 5.404 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

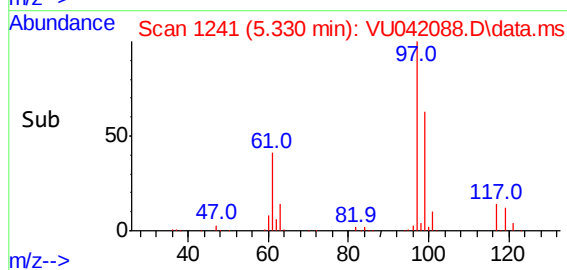
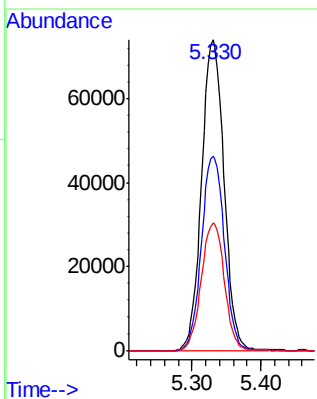
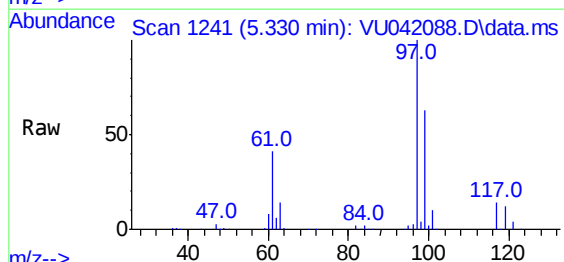
Instrument :
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ClientSampleId :
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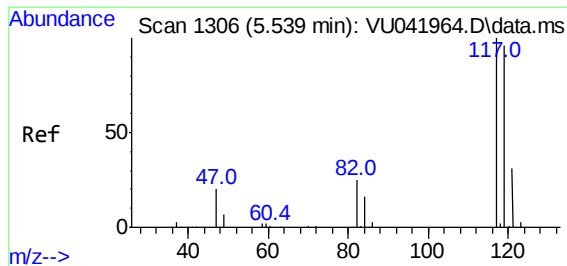
Tgt Ion: 56 Resp: 156052
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.0
84 86.6 64.3 96.5



#30
1,1,1-Trichloroethane
Concen: 49.05 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 97 Resp: 166757
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 42.3 37.1 55.7

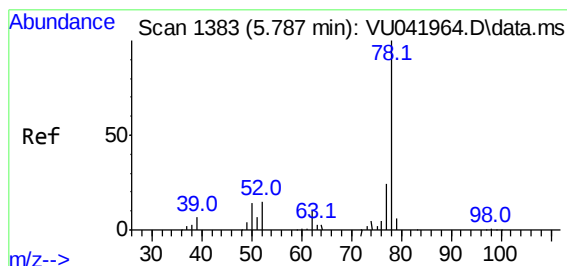
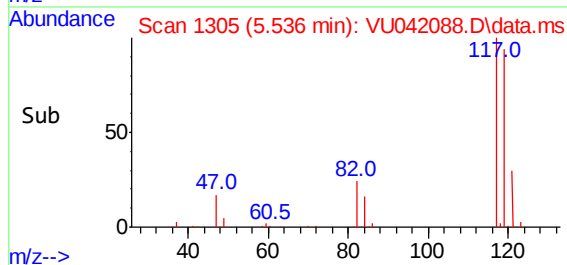
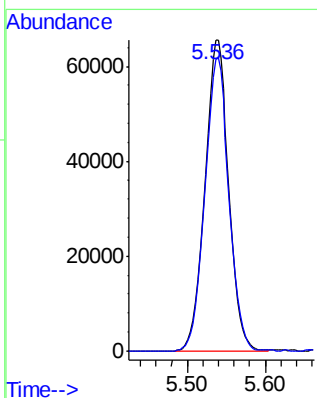
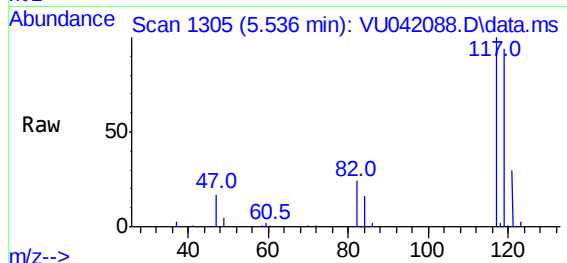




#31
Carbon tetrachloride
Concen: 49.31 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

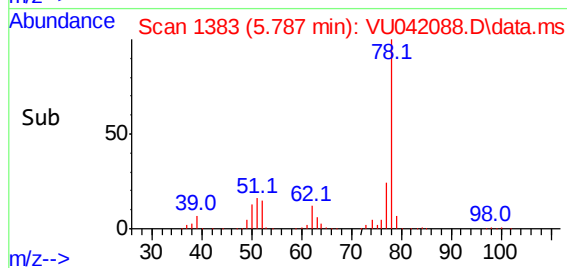
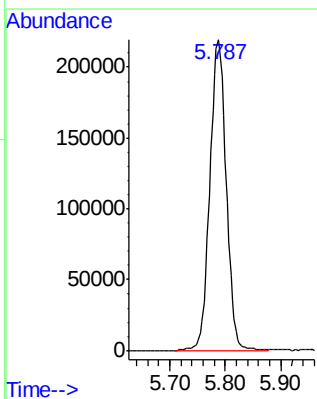
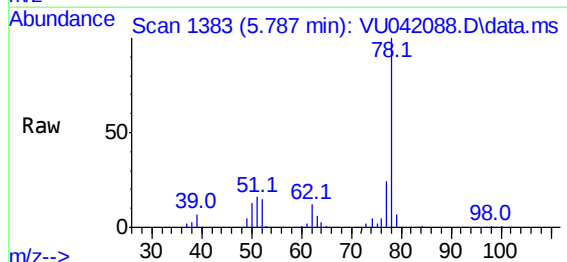
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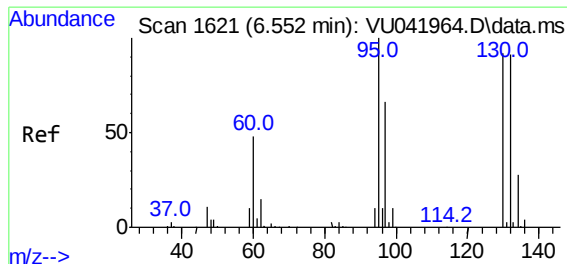
Tgt Ion:117 Resp: 139387
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7



#33
Benzene
Concen: 52.99 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 78 Resp: 447764

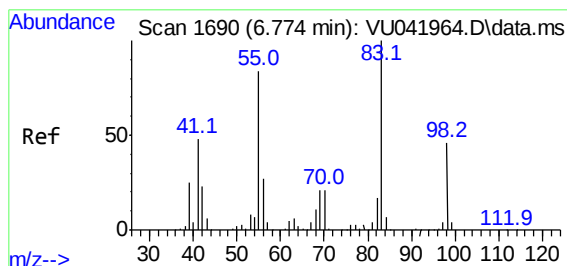
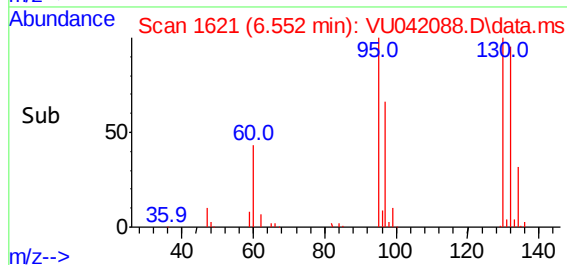
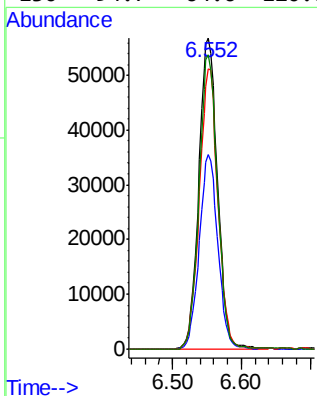
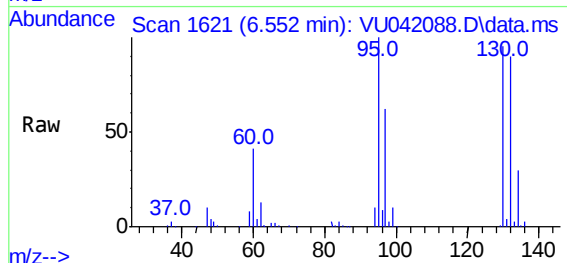




#34
Trichloroethene
Concen: 51.32 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

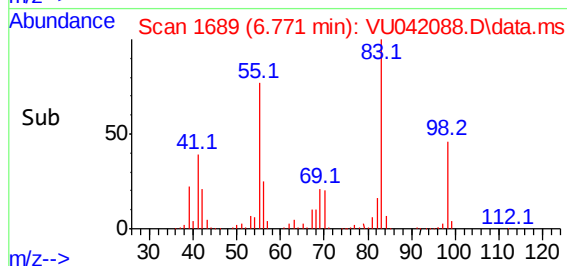
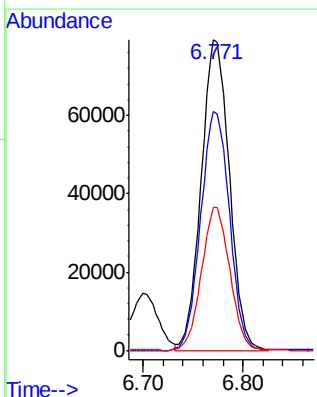
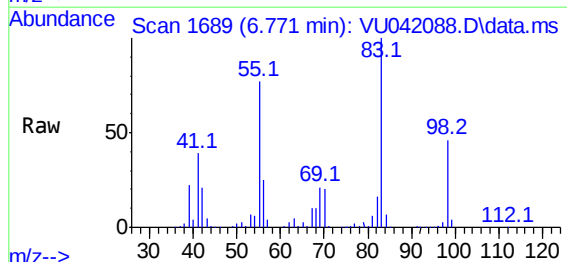
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ClientSampleId :
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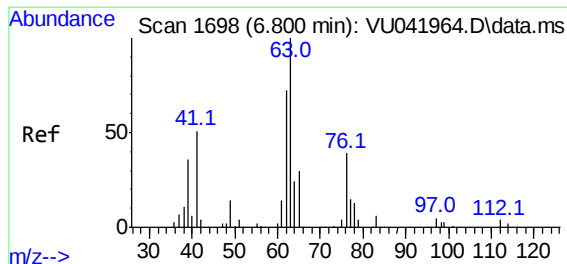
Tgt Ion: 95 Resp: 106685
Ion Ratio Lower Upper
95 100
97 62.5 46.1 85.7
132 90.3 63.5 117.9
130 94.7 64.6 120.0



#35
Methylcyclohexane
Concen: 51.05 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 83 Resp: 155702
Ion Ratio Lower Upper
83 100
55 78.3 65.8 98.8
98 46.3 36.9 55.3

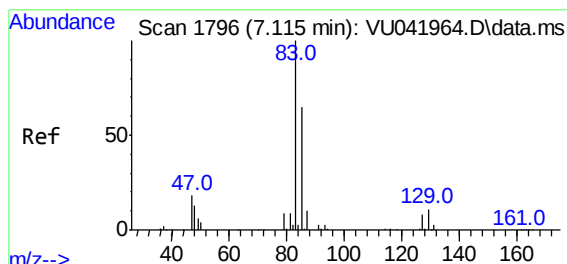
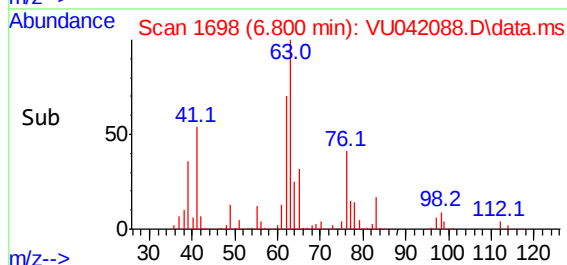
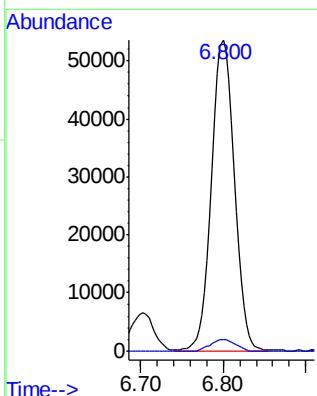
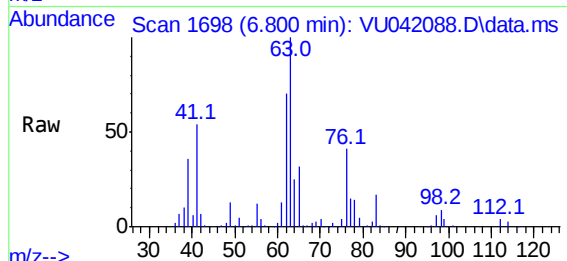




#37
1,2-Dichloropropane
Concen: 46.32 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

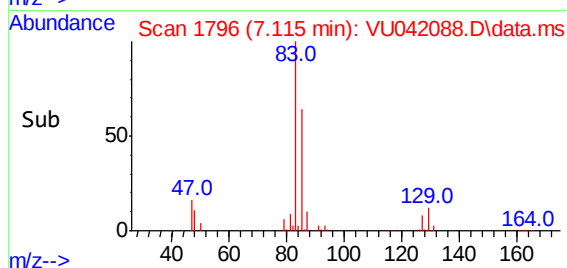
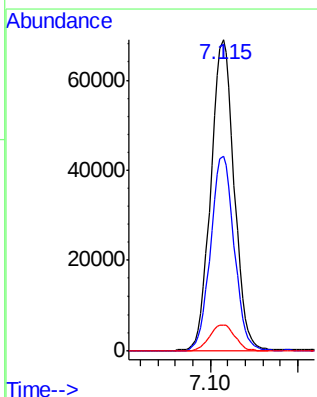
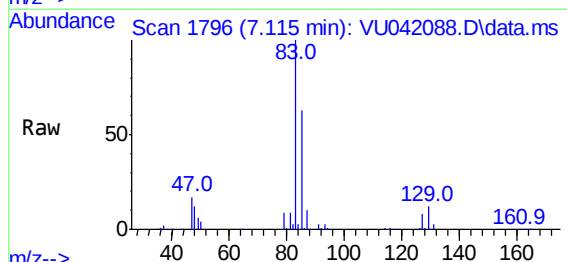
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

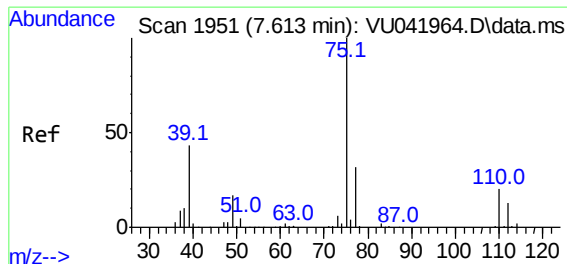
Tgt Ion: 63 Resp: 102752
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 46.05 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 83 Resp: 126877
Ion Ratio Lower Upper
83 100
85 62.7 45.3 84.1
127 8.2 6.6 9.8

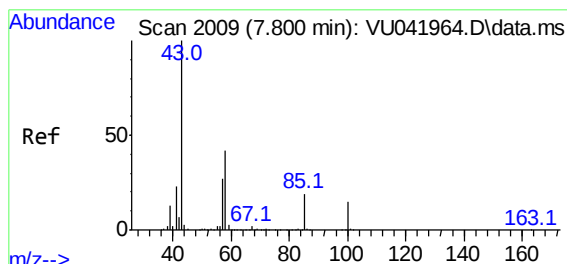
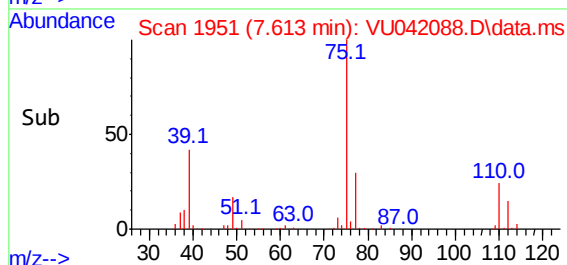
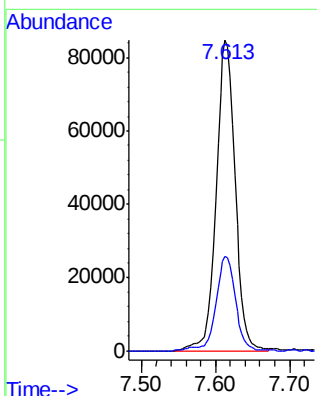
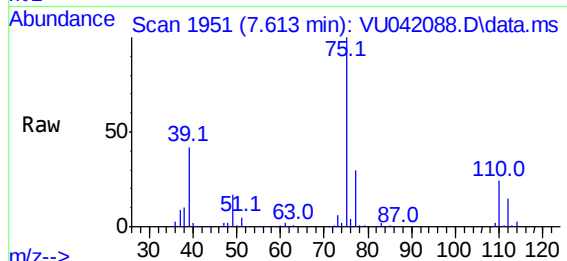




#39
cis-1,3-Dichloropropene
Concen: 46.15 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

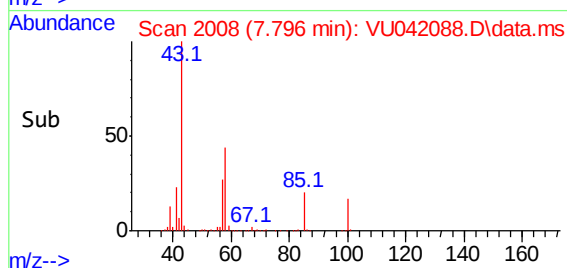
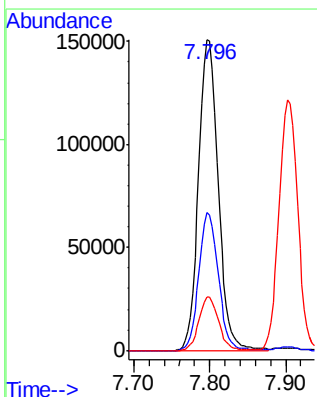
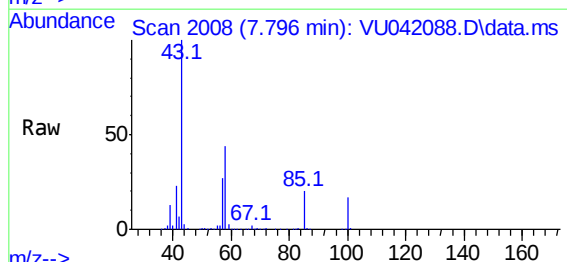
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

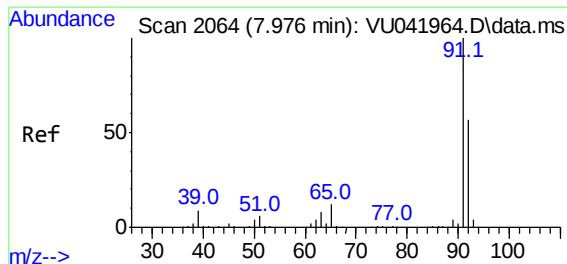
Tgt Ion: 75 Resp: 150497
Ion Ratio Lower Upper
75 100
77 30.4 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 78.63 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 43 Resp: 269651
Ion Ratio Lower Upper
43 100
58 43.8 33.4 50.0
100 17.2 12.0 18.0

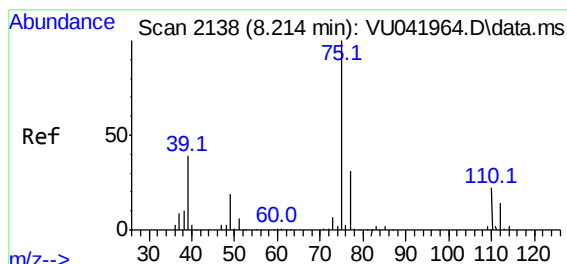
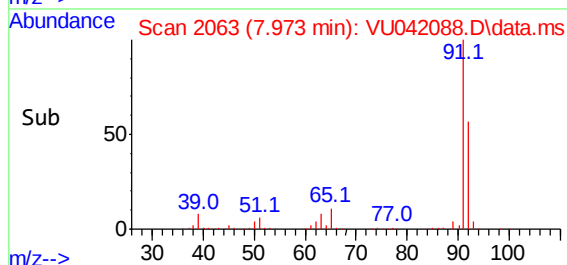
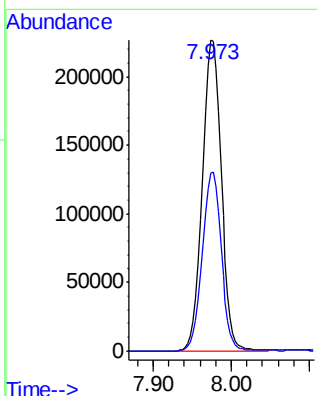
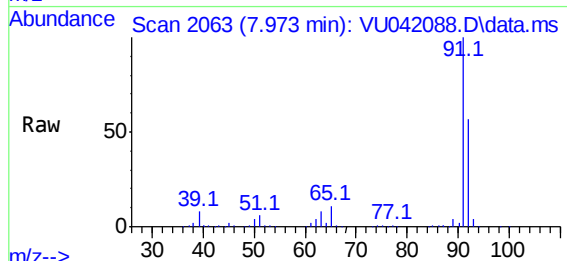




#42
Toluene
Concen: 47.74 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

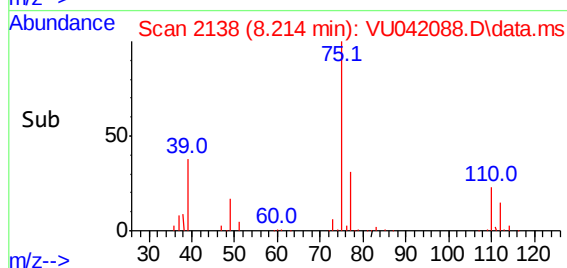
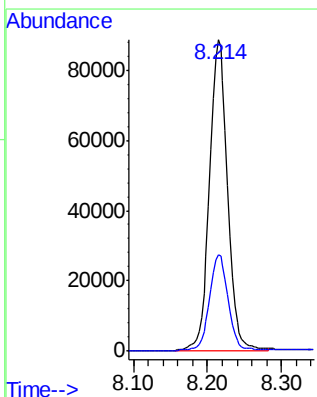
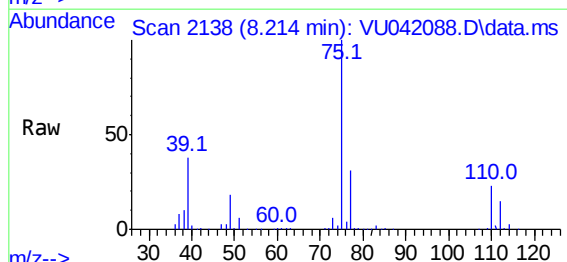
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

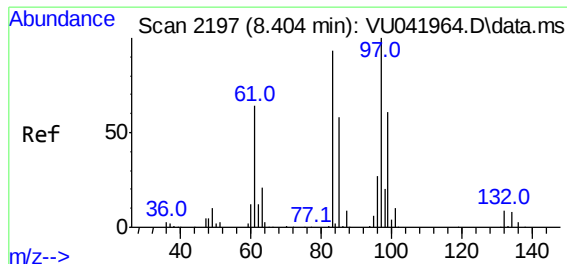
Tgt Ion: 91 Resp: 384283
Ion Ratio Lower Upper
91 100
92 57.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 48.03 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 75 Resp: 150486
Ion Ratio Lower Upper
75 100
77 31.0 21.3 39.6



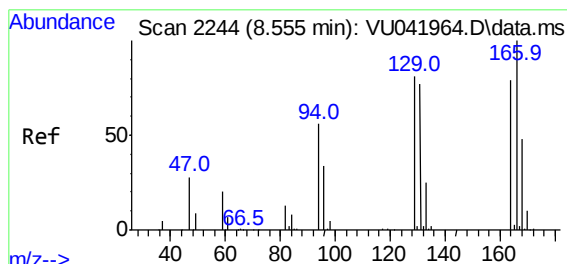
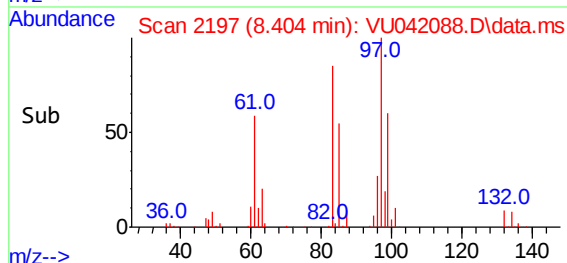
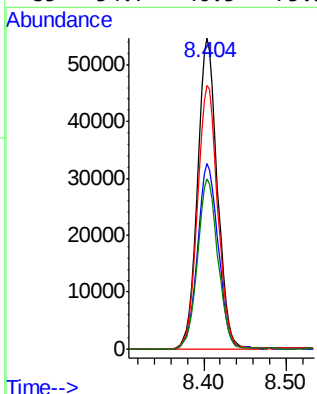
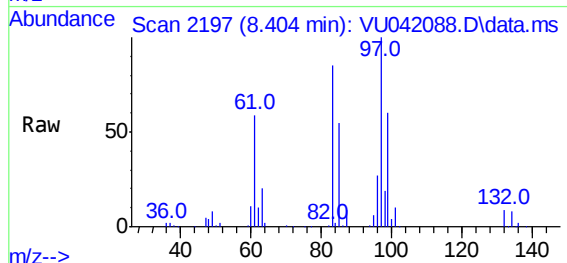


#45
1,1,2-Trichloroethane
Concen: 47.24 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

Tgt Ion: 97 Resp: 91456

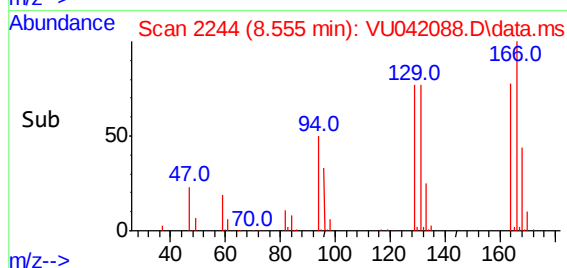
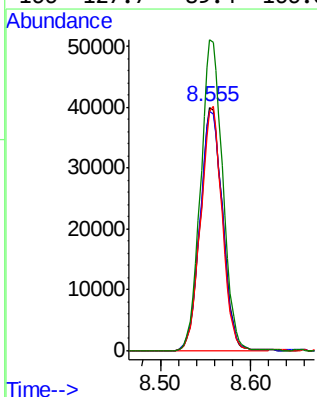
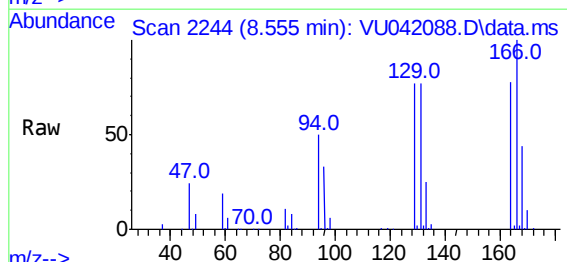
Ion	Ratio	Lower	Upper
97	100		
99	59.5	42.4	78.8
83	85.0	65.2	121.2
85	54.7	40.5	75.3

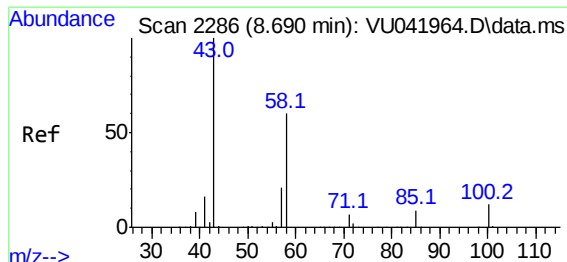


#46
Tetrachloroethene
Concen: 51.87 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 164 Resp: 67698

Ion	Ratio	Lower	Upper
164	100		
129	98.3	71.6	133.0
131	98.5	68.4	127.0
166	127.7	89.4	166.0

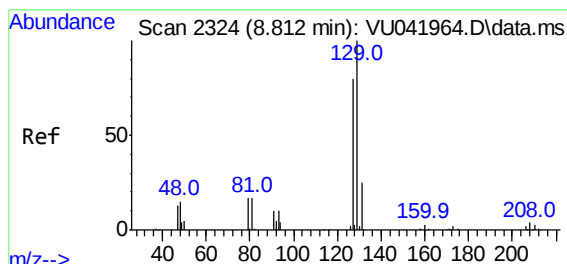
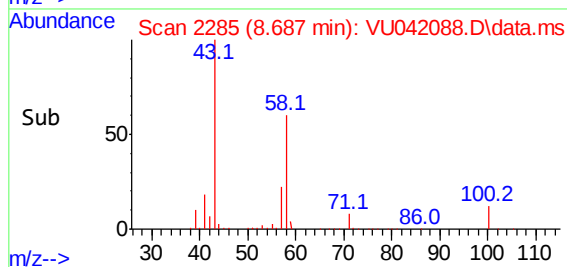
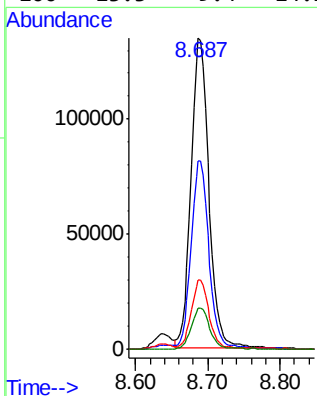
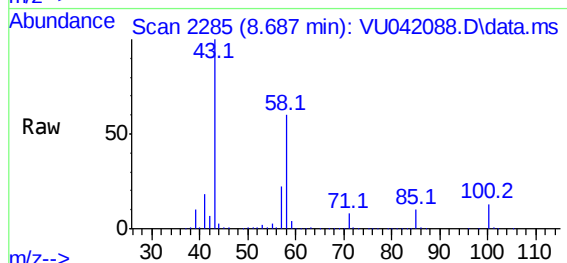




#48
2-Hexanone
Concen: 82.05 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

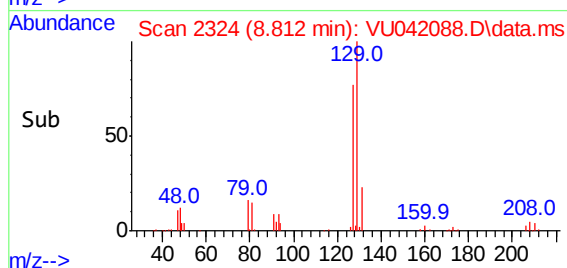
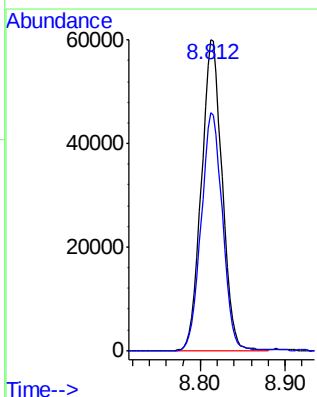
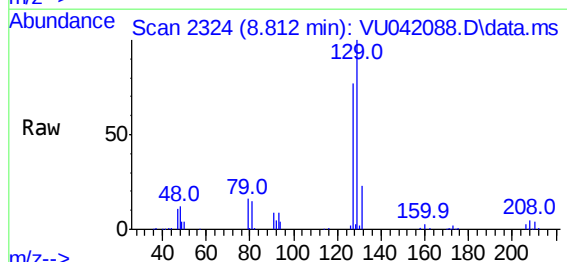
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

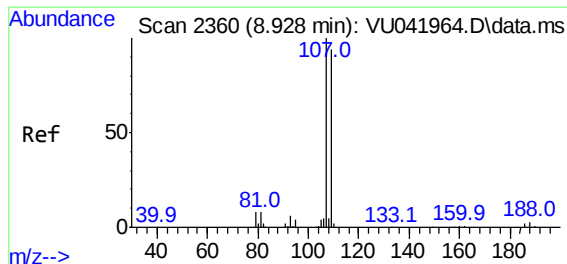
Tgt Ion: 43 Resp: 232890
Ion Ratio Lower Upper
43 100
58 59.6 46.6 70.0
57 22.1 17.1 25.7
100 13.3 9.4 14.2



#49
Dibromochloromethane
Concen: 49.12 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 129 Resp: 101255
Ion Ratio Lower Upper
129 100
127 76.6 55.9 103.7

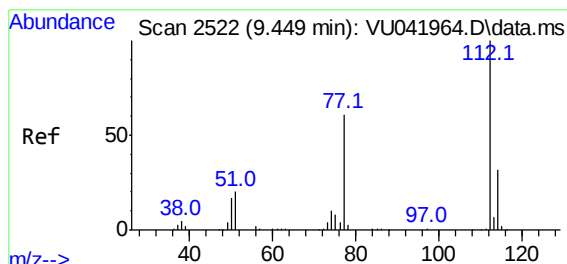
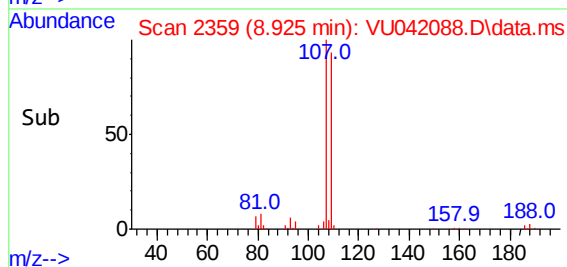
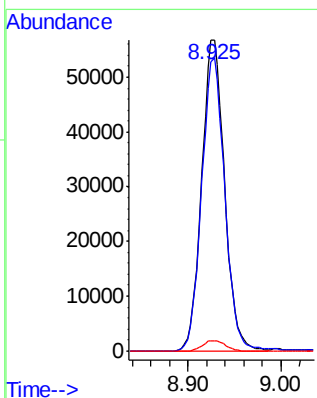
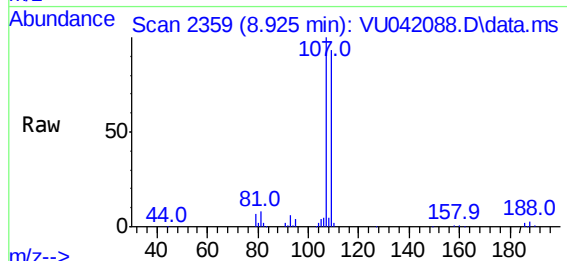




#50
1,2-Dibromoethane
Concen: 47.80 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

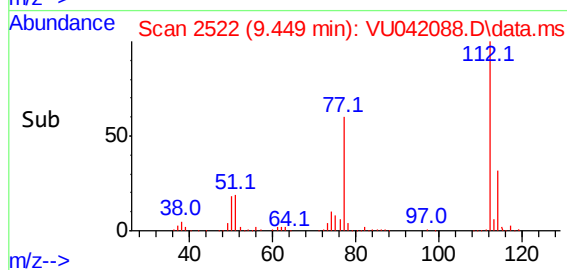
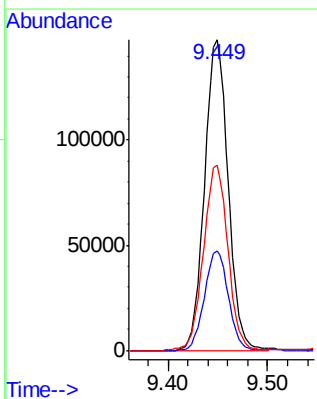
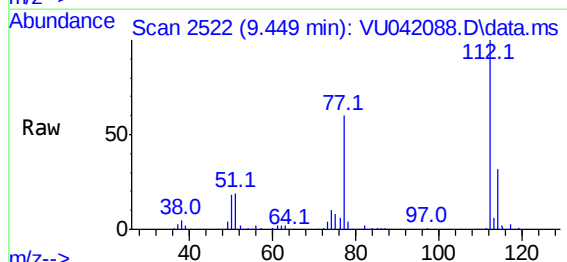
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

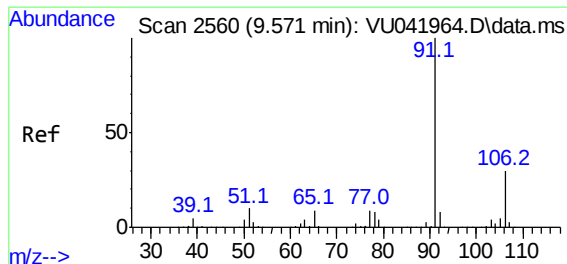
Tgt Ion:107 Resp: 96984
Ion Ratio Lower Upper
107 100
109 92.9 65.5 121.7
188 3.3 2.2 3.4



#51
Chlorobenzene
Concen: 48.92 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion:112 Resp: 241891
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.3
77 59.6 49.4 74.0

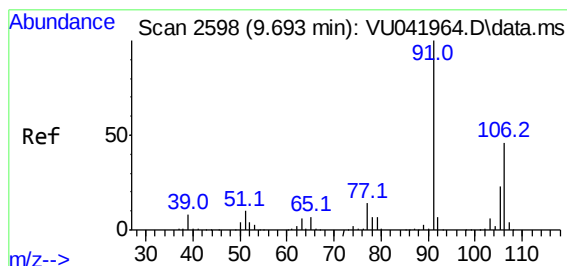
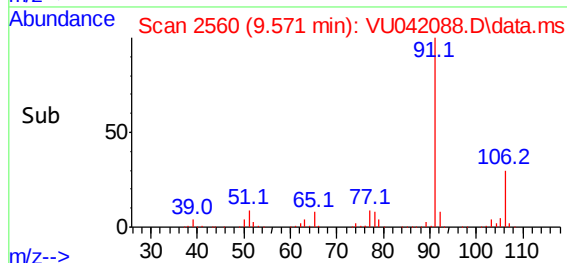
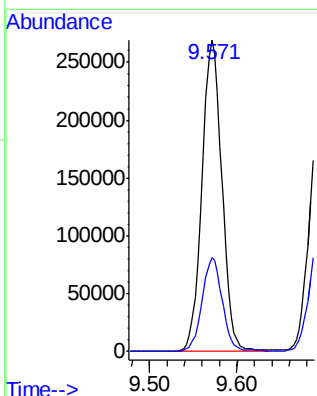
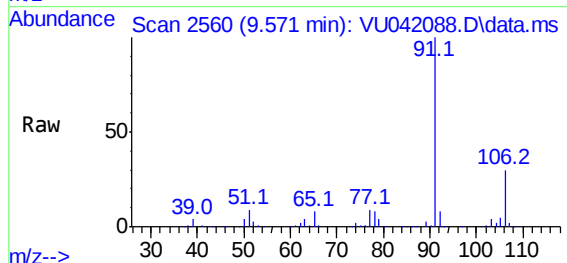




#52
Ethylbenzene
Concen: 49.47 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

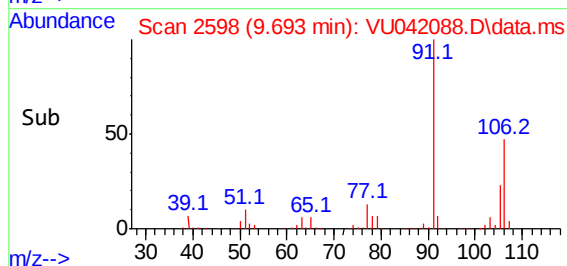
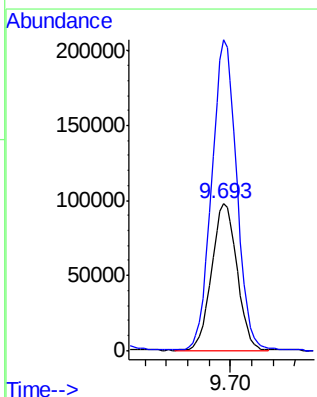
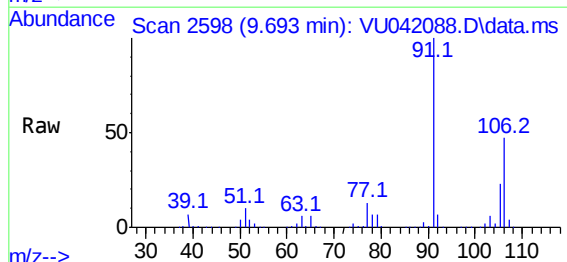
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

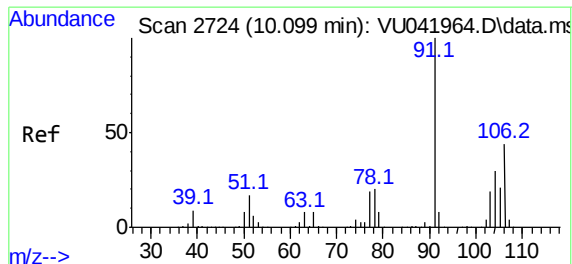
Tgt Ion: 91 Resp: 424576
Ion Ratio Lower Upper
91 100
106 30.1 20.8 38.6



#53
m,p-Xylene
Concen: 51.37 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 106 Resp: 159928
Ion Ratio Lower Upper
106 100
91 212.0 151.4 281.2

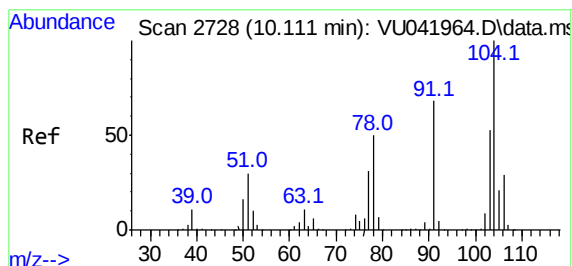
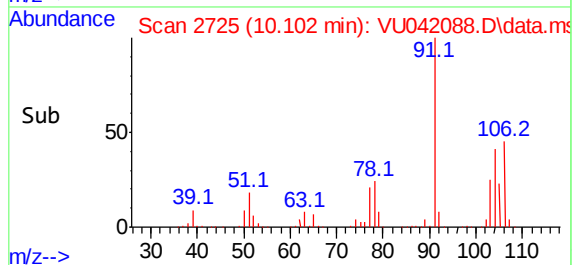
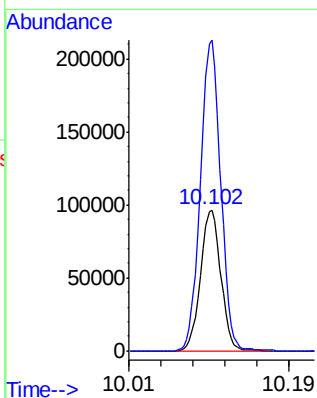
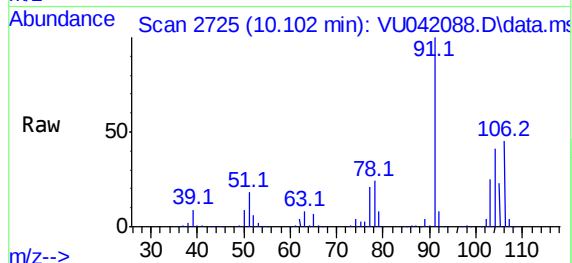




#54
o-xylene
Concen: 51.49 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

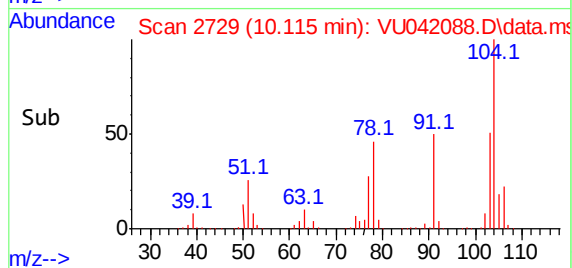
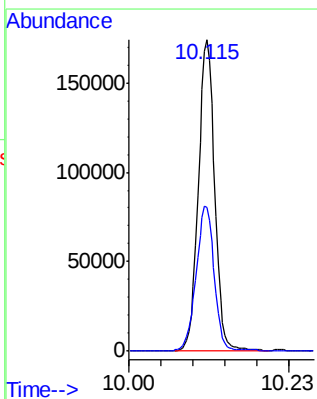
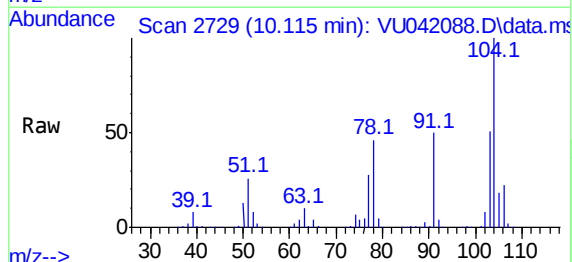
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

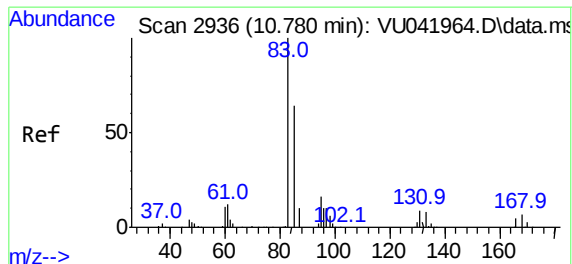
Tgt Ion:106 Resp: 154811
Ion Ratio Lower Upper
106 100
91 220.3 158.5 294.3



#55
Styrene
Concen: 52.25 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion:104 Resp: 276613
Ion Ratio Lower Upper
104 100
78 46.2 35.0 65.0

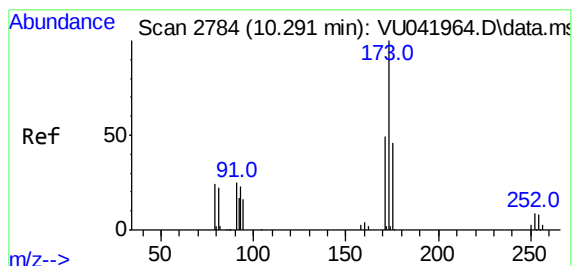
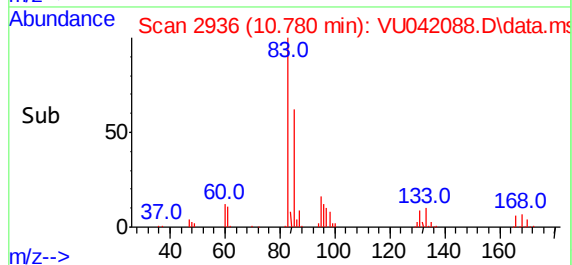
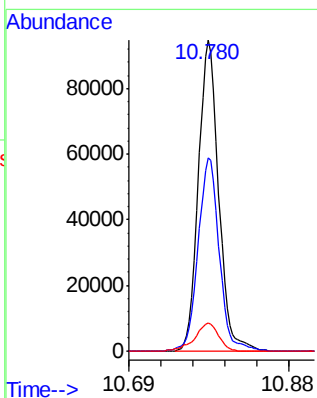
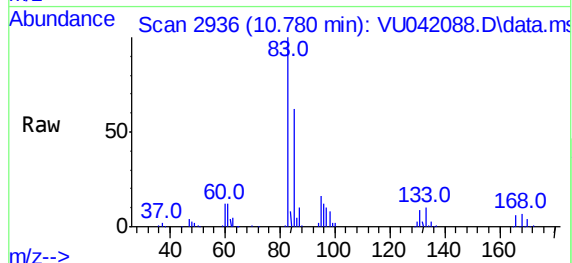




#57
1,1,2,2-Tetrachloroethane
Concen: 43.44 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

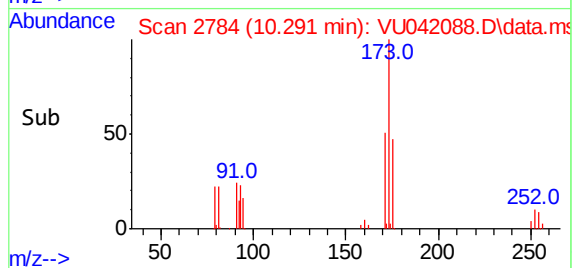
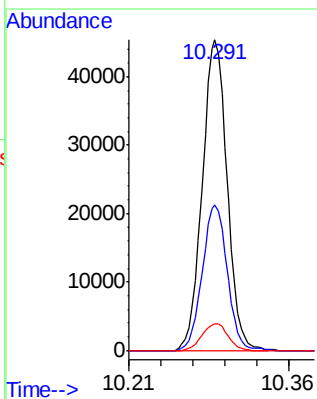
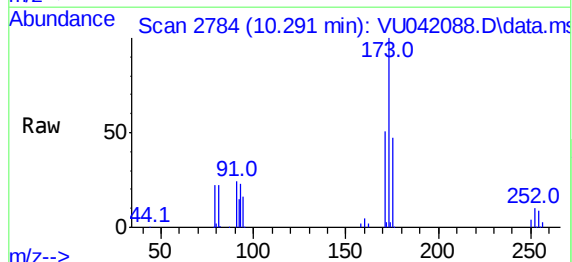
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

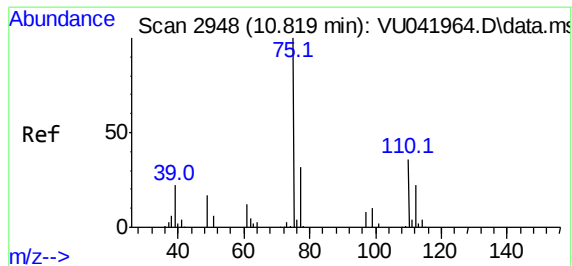
Tgt Ion: 83 Resp: 155755
Ion Ratio Lower Upper
83 100
85 62.3 45.1 83.9
131 8.8 7.4 11.2



#59
Bromoform
Concen: 47.72 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 173 Resp: 75556
Ion Ratio Lower Upper
173 100
175 47.2 37.8 56.8
254 8.9 6.6 10.0

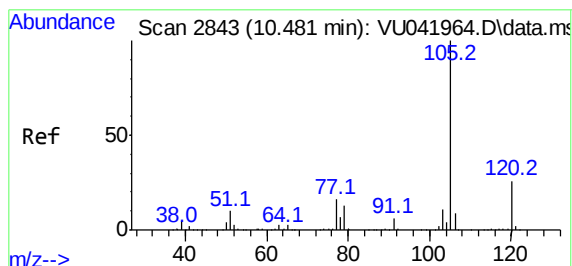
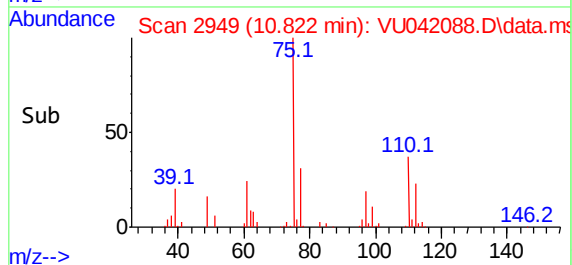
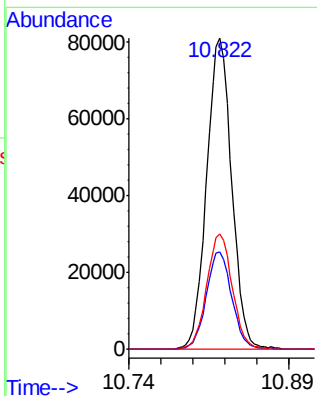
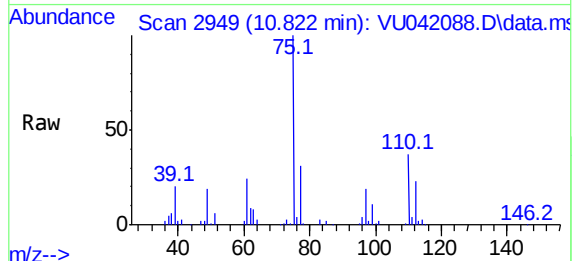




#60
1,2,3-Trichloropropane
Concen: 40.85 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

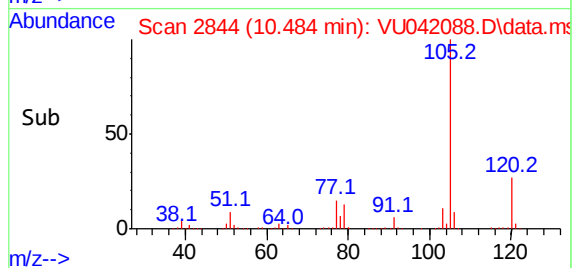
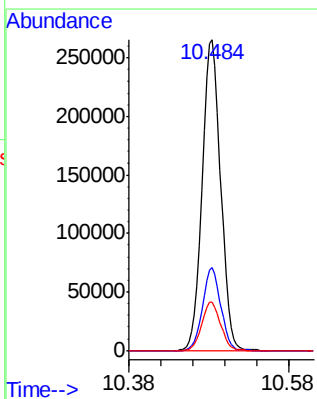
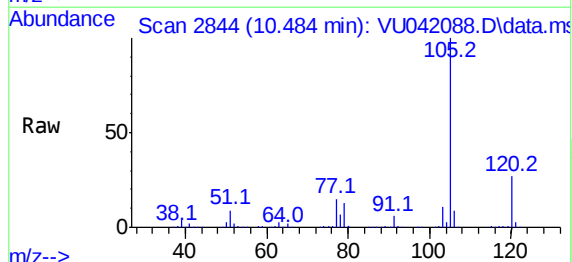
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

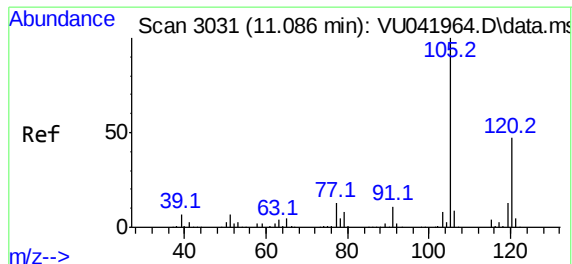
Tgt Ion: 75 Resp: 130091
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 37.5 28.7 43.1



#61
Isopropylbenzene
Concen: 48.38 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion:105 Resp: 412955
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 15.7 13.4 20.0

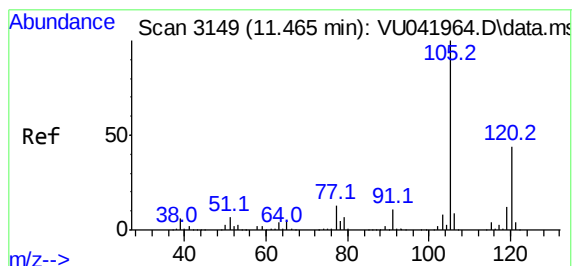
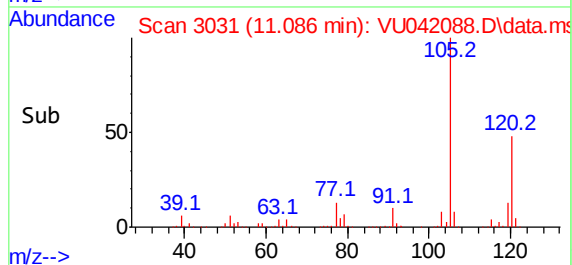
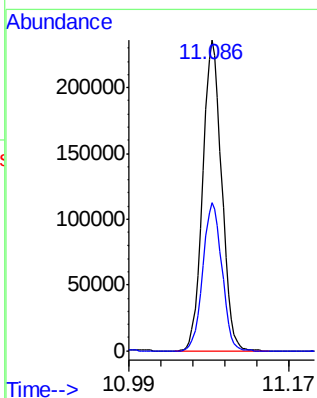
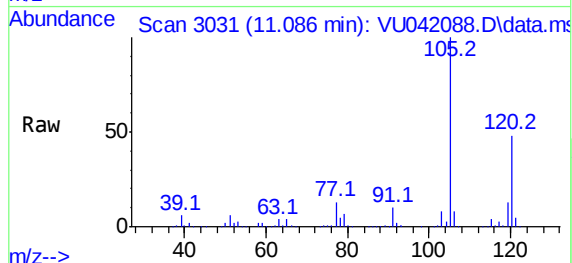




#62
 1,3,5-Trimethylbenzene
 Concen: 48.79 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU042088.D
 Acq: 18 Jan 2021 11:36

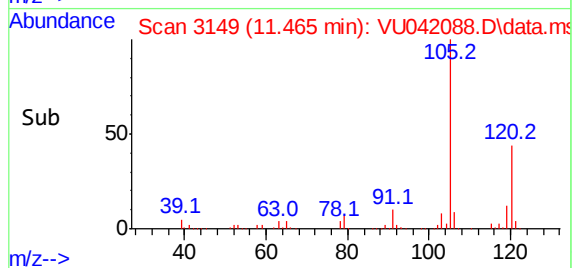
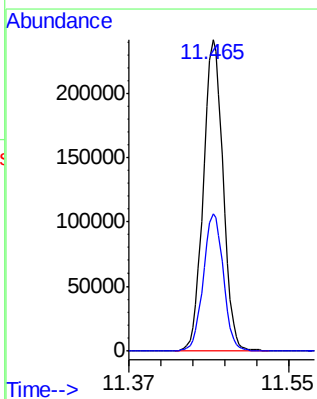
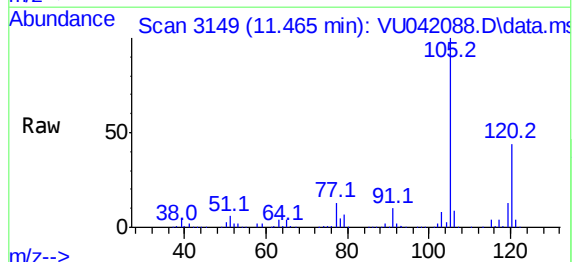
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

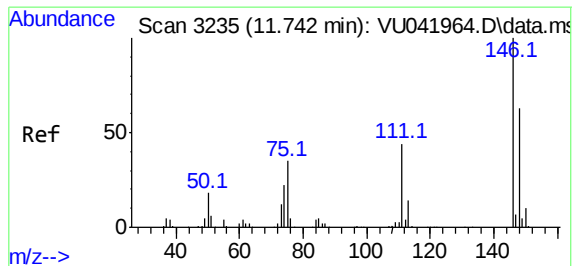
Tgt Ion:105 Resp: 352905
 Ion Ratio Lower Upper
 105 100
 120 48.1 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 49.90 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.003 min
 Lab File: VU042088.D
 Acq: 18 Jan 2021 11:36

Tgt Ion:105 Resp: 361257
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.5 53.3

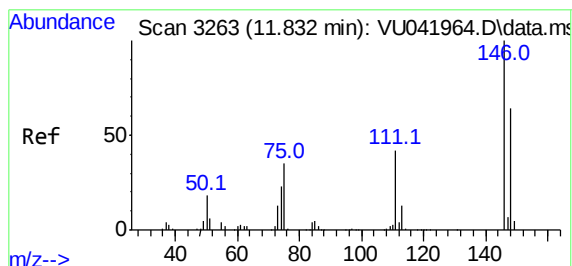
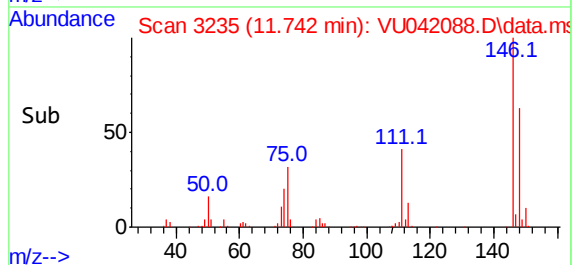
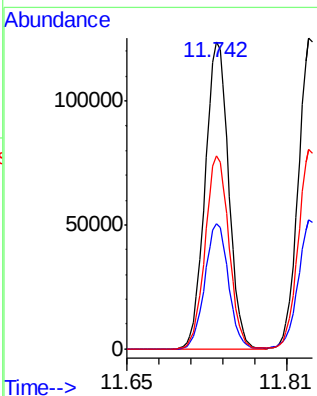
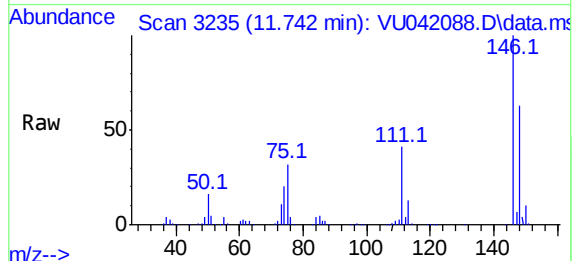




#64
1,3-Dichlorobenzene
Concen: 50.12 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

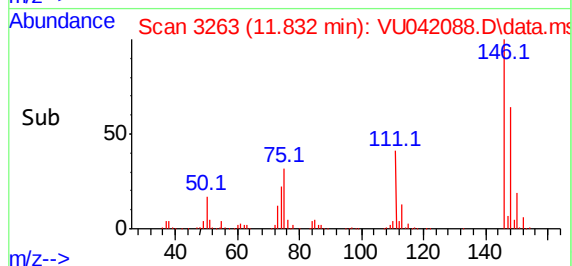
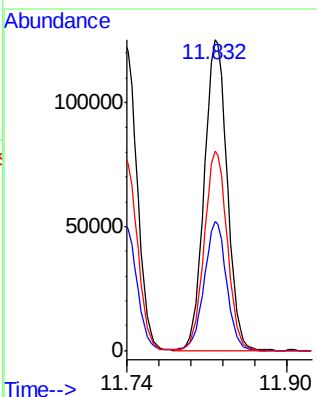
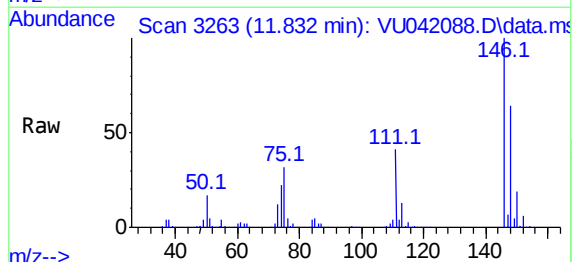
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

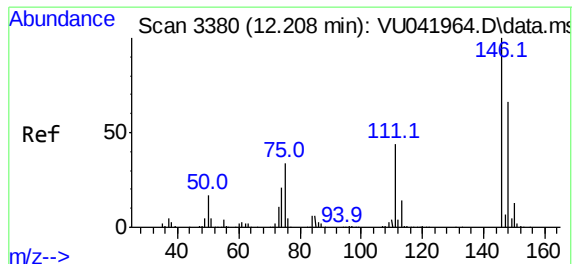
Tgt Ion:146 Resp: 195719
Ion Ratio Lower Upper
146 100
111 41.0 30.7 56.9
148 63.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 50.99 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion:146 Resp: 199081
Ion Ratio Lower Upper
146 100
111 41.4 29.4 54.6
148 64.3 45.1 83.9

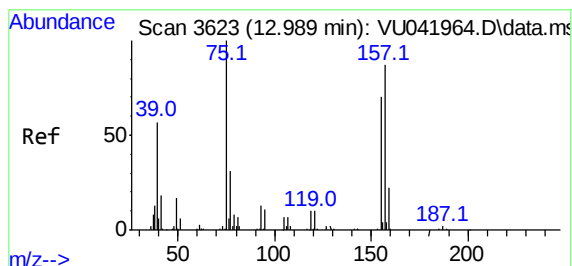
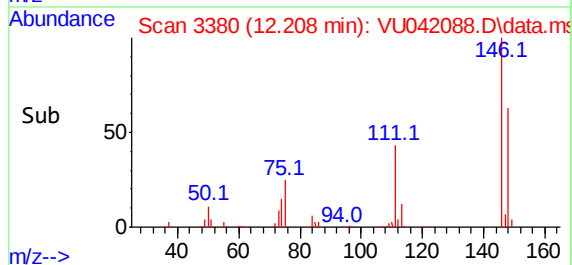
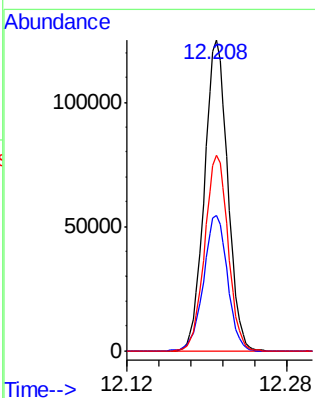
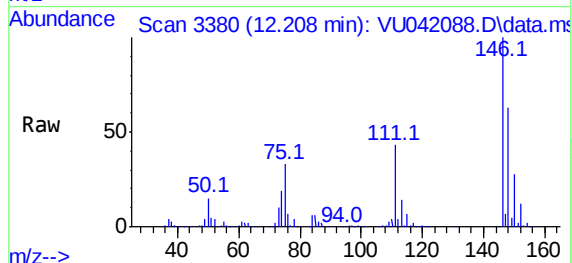




#67
1,2-Dichlorobenzene
Concen: 48.93 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

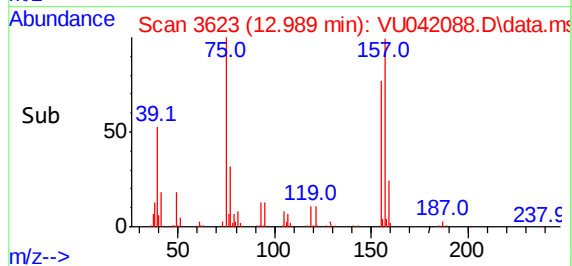
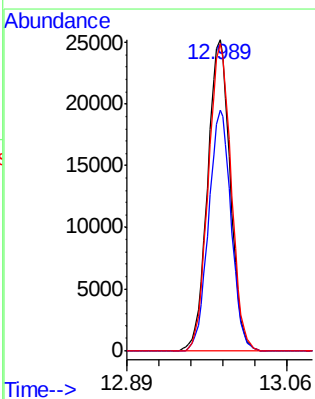
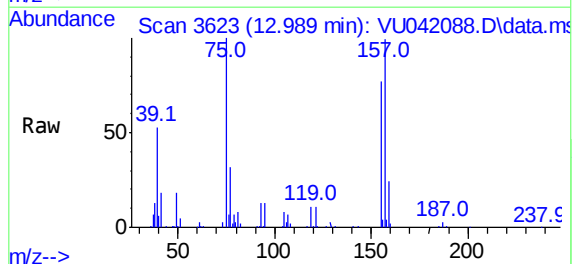
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

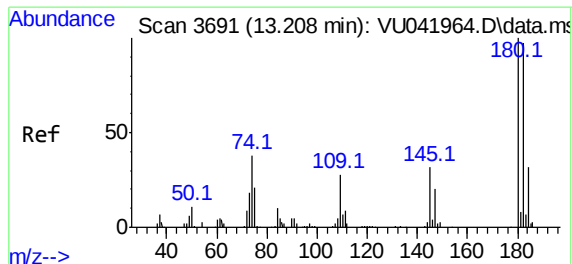
Tgt Ion:146 Resp: 195348
Ion Ratio Lower Upper
146 100
111 43.4 35.4 53.2
148 62.9 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 40.61 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion: 75 Resp: 40993
Ion Ratio Lower Upper
75 100
155 77.5 56.2 84.2
157 98.6 69.5 104.3

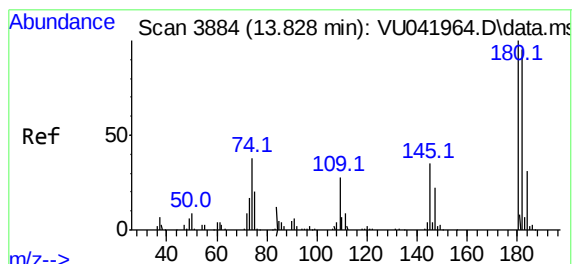
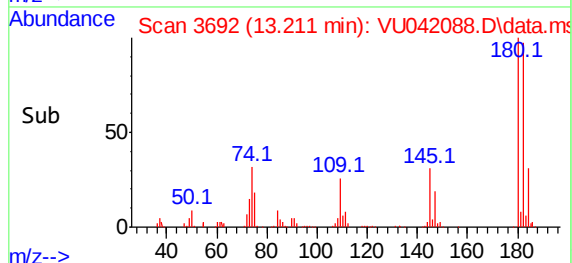
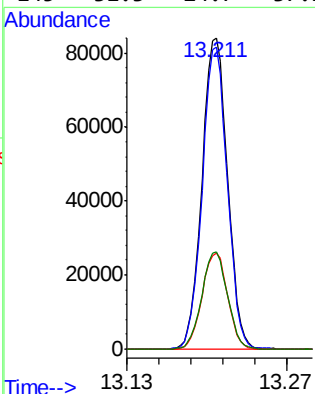
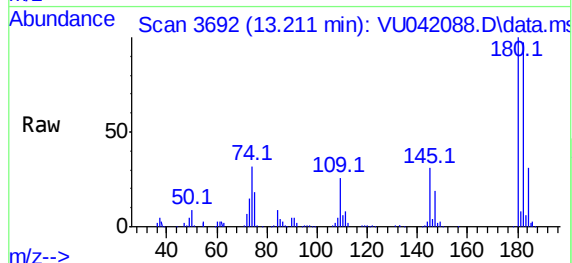




#69
1,3,5-Trichlorobenzene
Concen: 50.72 ug/L
RT: 13.211 min Scan# 3692
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

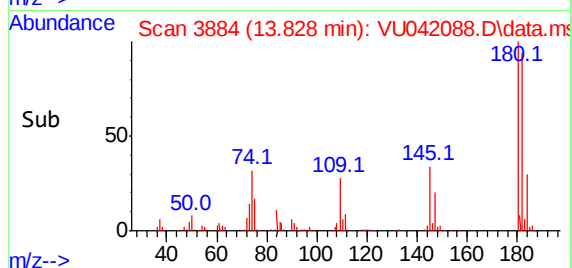
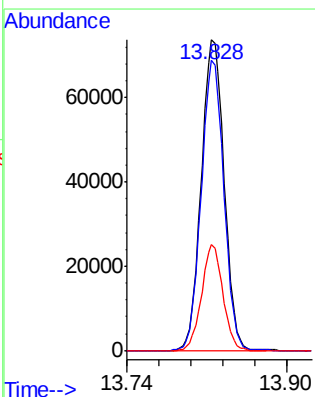
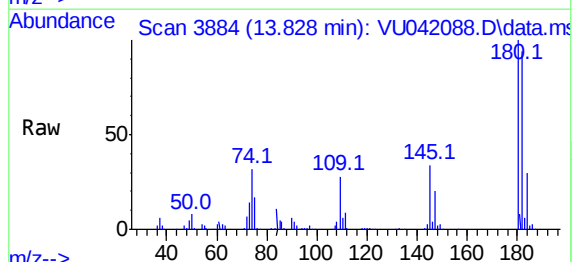
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

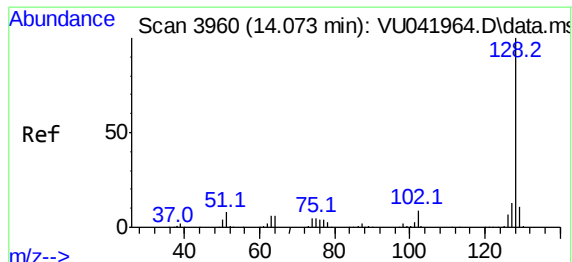
Tgt Ion:180 Resp: 133701
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
184 30.8 24.3 36.5
145 31.3 24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 57.67 ug/L
RT: 13.828 min Scan# 3884
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion:180 Resp: 117194
Ion Ratio Lower Upper
180 100
182 92.3 76.1 114.1
145 31.8 26.8 40.2

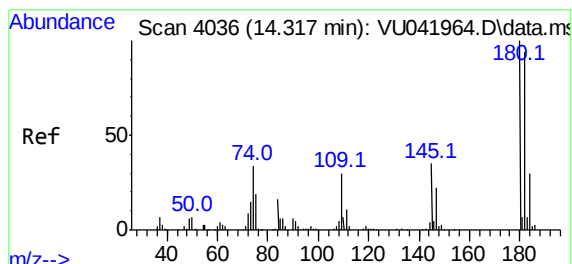
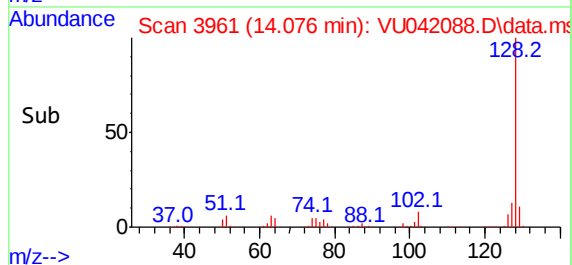
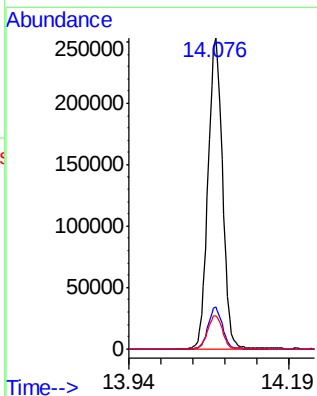
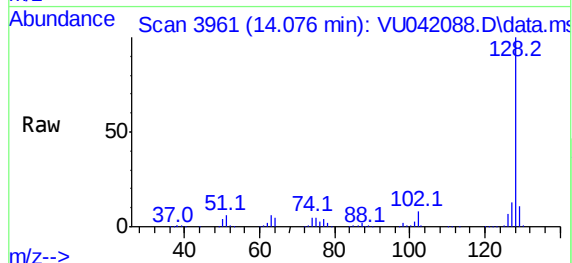




#71
Naphthalene
Concen: 57.13 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

Tgt Ion:128 Resp: 399756
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 57.07 ug/L
RT: 14.317 min Scan# 4036
Delta R.T. -0.000 min
Lab File: VU042088.D
Acq: 18 Jan 2021 11:36

Tgt Ion:180 Resp: 118820
Ion Ratio Lower Upper
180 100
182 95.4 75.5 113.3
145 35.0 27.1 40.7

