

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042120.D
 Acq On : 20 Jan 2021 21:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Jan 21 04:28:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	117933	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	109032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	59206	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36523	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.916	69	27515	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.572	63	84332	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.60%			
20) 2-Butanone-d5	4.642	46	144272	51.97	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.94%			
24) Chloroform-d	5.070	84	80396	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.710	65	46676	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.736	84	144954	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.700	67	46431	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.906	98	131534	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloroprop...	8.186	79	23064	4.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.20%			
46) 2-Hexanone-d5	8.642	63	108981	53.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.54%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	40479	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	54611	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	57359	5.17	ug/L	100
3) Chloromethane	1.523	50	52327	5.29	ug/L	98
5) Vinyl chloride	1.607	62	49645	5.23	ug/L	99
6) Bromomethane	1.861	94	24553	4.37	ug/L	98
8) Chloroethane	1.938	64	26157	4.75	ug/L	99
9) Trichlorofluoromethane	2.141	101	64389	5.00	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	43307	5.21	ug/L	100
12) 1,1-Dichloroethene	2.585	96	40678	5.09	ug/L	94
13) Acetone	2.652	43	95497	51.65	ug/L	100
14) Carbon disulfide	2.797	76	137143	5.17	ug/L	100
15) Methyl Acetate	2.961	43	23432	5.37	ug/L	100
16) Methylene chloride	3.051	84	55325	5.88	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	121260	5.24	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	43139	5.07	ug/L	98
19) 1,1-Dichloroethane	3.877	63	82735	5.27	ug/L	98
21) 2-Butanone	4.723	43	163116	52.66	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	46313	5.11	ug/L	100
23) Bromochloromethane	4.983	128	21810	5.21	ug/L	95
25) Chloroform	5.096	83	83413	5.15	ug/L	98
27) 1,2-Dichloroethane	5.803	62	61150	5.32	ug/L	99

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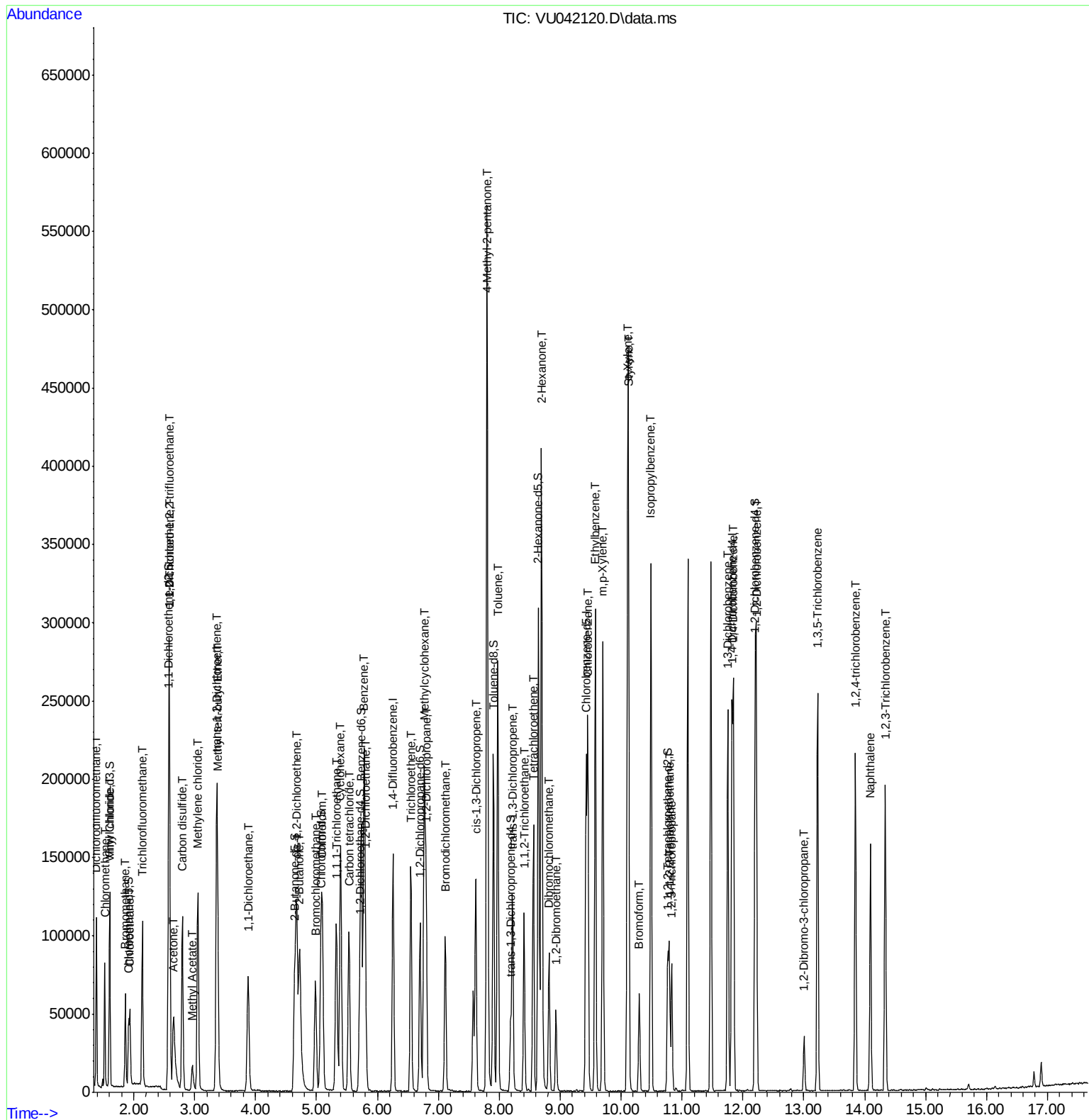
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	78405	5.45	ug/L	98
30) Cyclohexane	5.395	56	80425	5.21	ug/L	98
31) Carbon tetrachloride	5.533	117	68536	5.41	ug/L	98
33) Benzene	5.781	78	176204	5.49	ug/L	100
34) Trichloroethene	6.549	95	47312	5.47	ug/L	98
35) Methylcyclohexane	6.771	83	76002	5.24	ug/L	99
37) 1,2-Dichloropropane	6.800	63	46003	5.44	ug/L	99
38) Bromodichloromethane	7.115	83	63179	5.41	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	74035	5.33	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	391527	54.17	ug/L	100
42) Toluene	7.977	91	185900	5.35	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	64560	5.07	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	33988	5.43	ug/L	98
47) Tetrachloroethene	8.562	164	38410	5.34	ug/L	98
48) 2-Hexanone	8.694	43	280585	55.84	ug/L	100
49) Dibromochloromethane	8.819	129	43608	5.24	ug/L	100
50) 1,2-Dibromoethane	8.932	107	33677	5.22	ug/L	98
51) Chlorobenzene	9.456	112	115927	5.22	ug/L	99
52) Ethylbenzene	9.578	91	209236	5.26	ug/L	99
53) m,p-Xylene	9.700	106	78889	5.29	ug/L	97
54) o-Xylene	10.108	106	78035	5.40	ug/L	98
55) Styrene	10.121	104	132592	5.33	ug/L	100
56) Isopropylbenzene	10.491	105	211045	5.28	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.790	83	42841	5.36	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	32016	5.37	ug/L	99
61) Bromoform	10.298	173	28616	5.35	ug/L	98
62) 1,3-Dichlorobenzene	11.755	146	96030	5.20	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	96136	5.20	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	92761	5.40	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	8465	5.52	ug/L	98
67) 1,3,5-Trichlorobenzene	13.227	180	77352	5.23	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	66160	5.66	ug/L	100
69) Naphthalene	14.095	128	119887	7.01	ug/L	100
70) 1,2,3-Trichlorobenzene	14.336	180	59980	5.79	ug/L	97

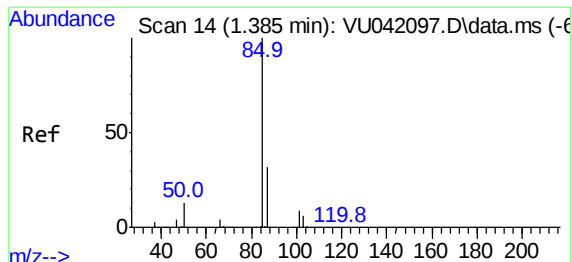
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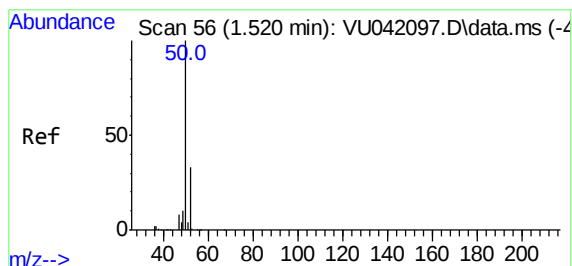
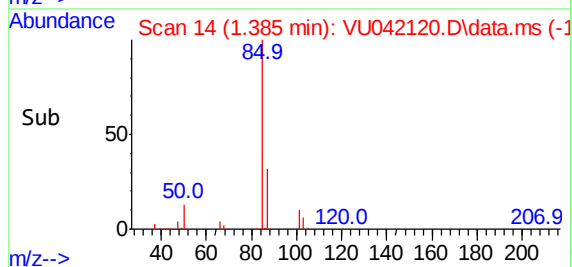
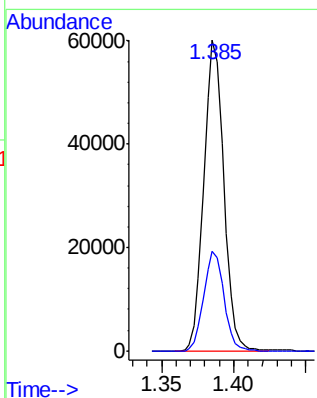
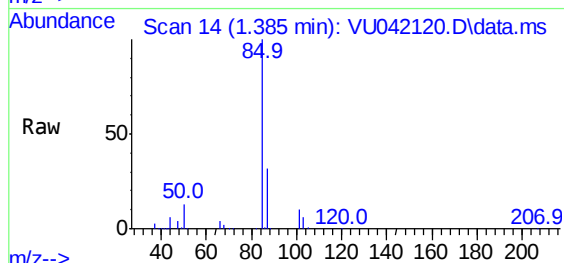




#2
Dichlorodifluoromethane
Concen: 5.17 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

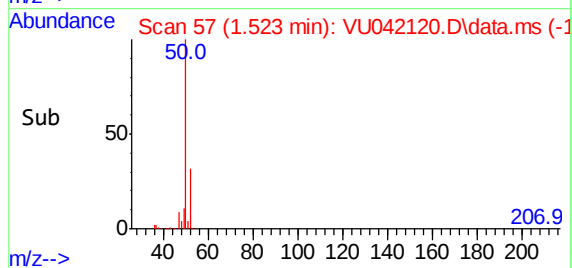
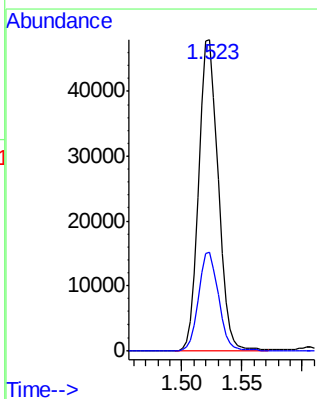
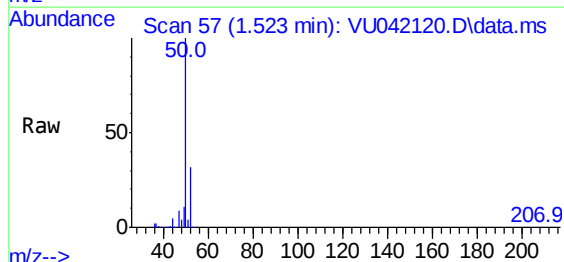
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

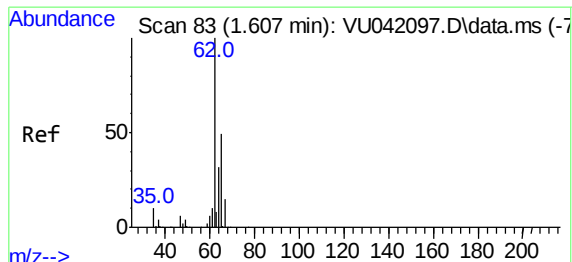
Tgt Ion: 85 Resp: 57359
Ion Ratio Lower Upper
85 100
87 32.4 26.1 39.1



#3
Chloromethane
Concen: 5.29 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 50 Resp: 52327
Ion Ratio Lower Upper
50 100
52 31.6 23.0 42.8

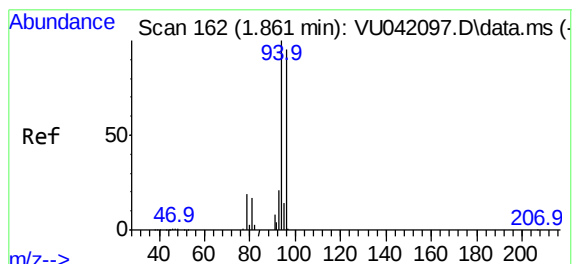
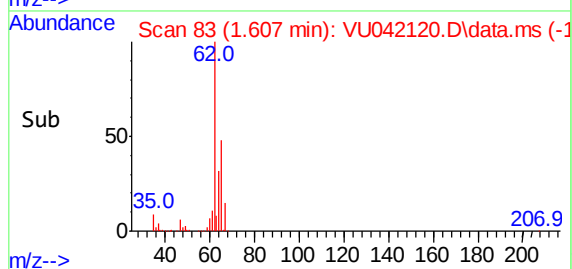
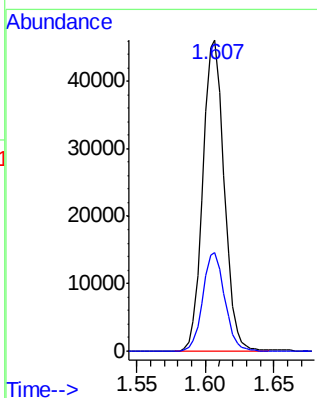
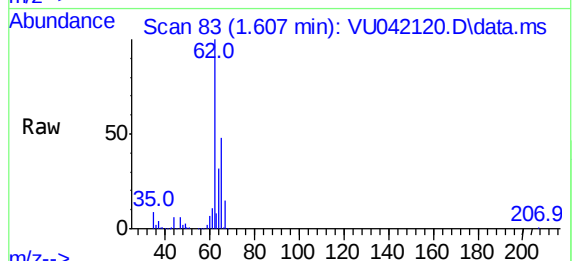




#5
 Vinyl chloride
 Concen: 5.23 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042120.D
 Acq: 20 Jan 2021 21:01

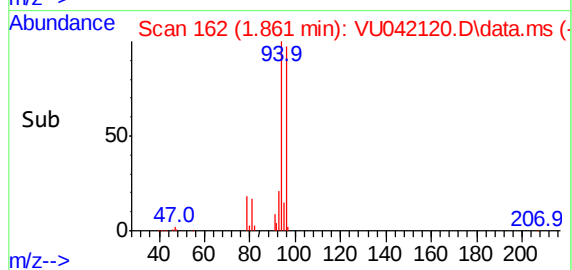
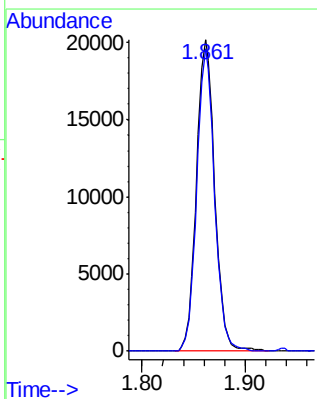
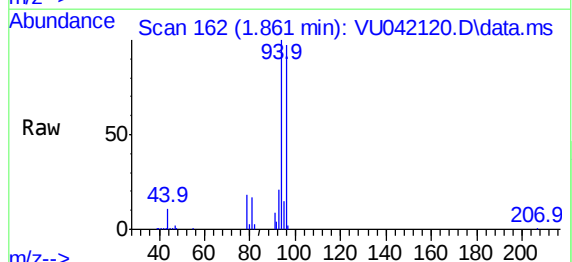
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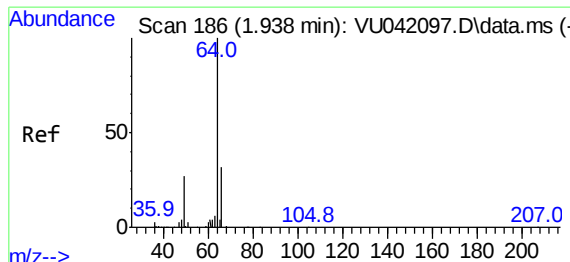
Tgt Ion: 62 Resp: 49645
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.7 42.1



#6
 Bromomethane
 Concen: 4.37 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU042120.D
 Acq: 20 Jan 2021 21:01

Tgt Ion: 94 Resp: 24553
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.5 123.5

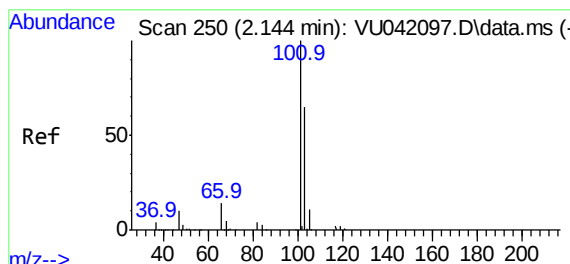
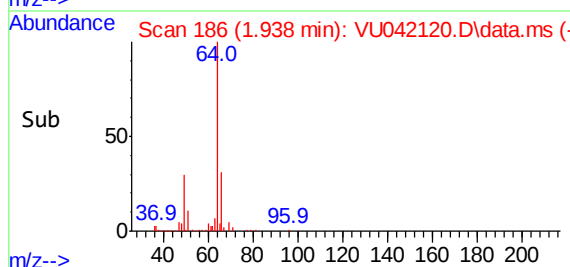
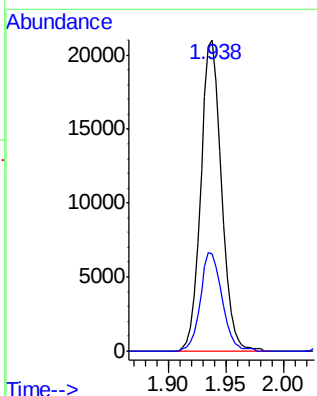
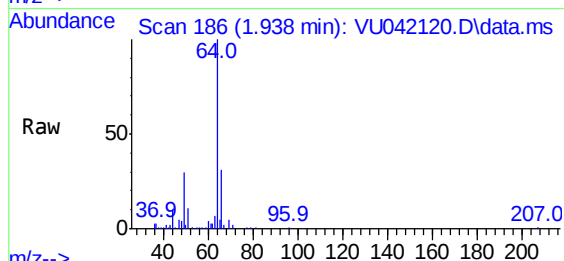




#8
Chloroethane
Concen: 4.75 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

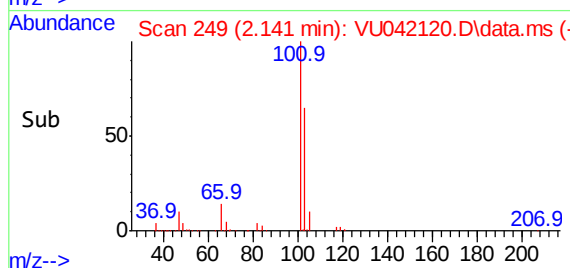
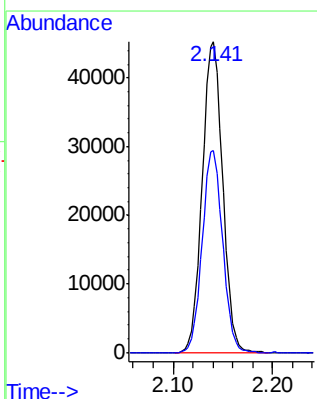
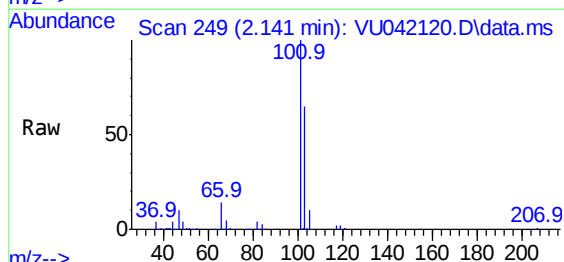
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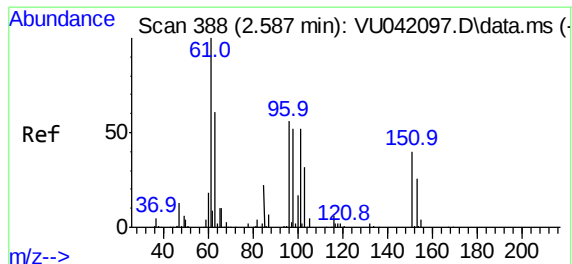
Tgt Ion: 64 Resp: 26157
Ion Ratio Lower Upper
64 100
66 31.3 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.00 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion:101 Resp: 64389
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

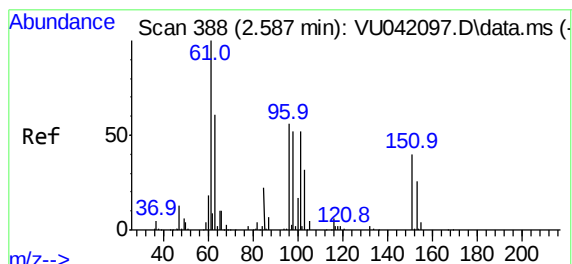
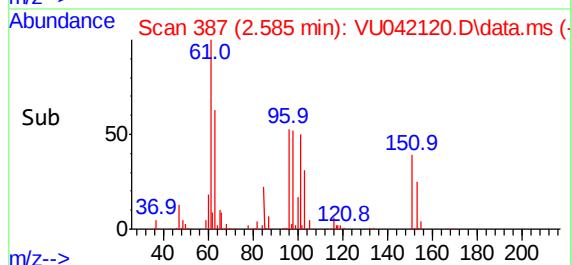
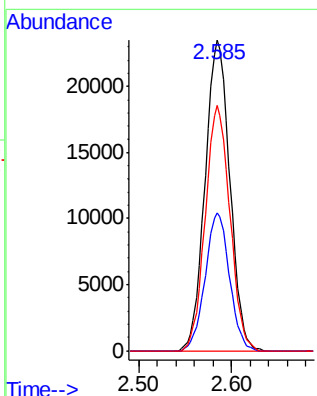
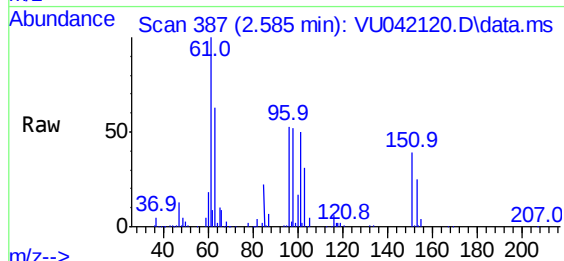




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.21 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

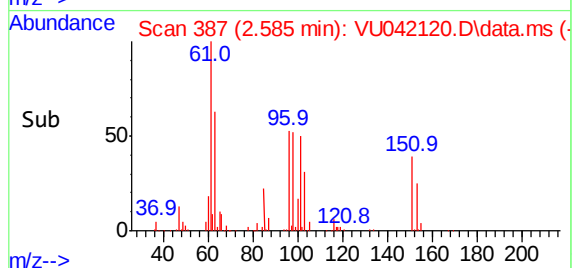
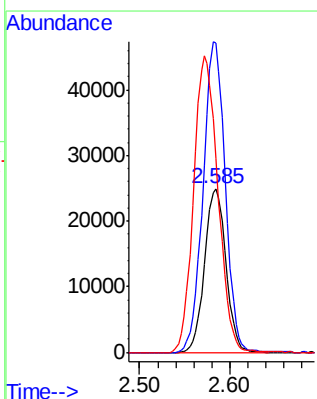
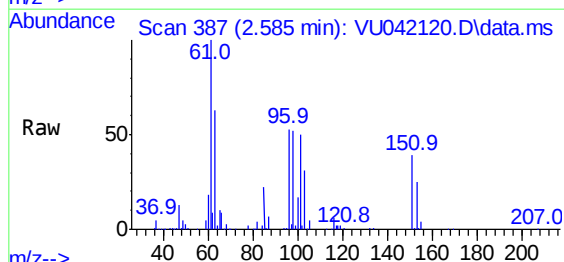
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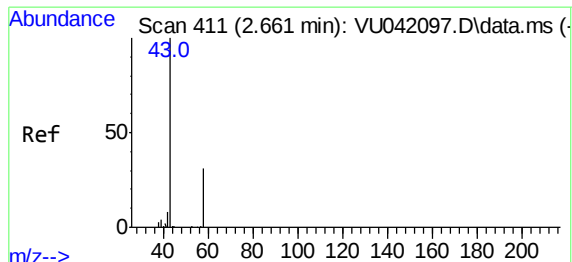
Tgt Ion:101 Resp: 43307
Ion Ratio Lower Upper
101 100
85 43.5 34.6 51.8
151 78.7 62.7 94.1



#12
1,1-Dichloroethene
Concen: 5.09 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 96 Resp: 40678
Ion Ratio Lower Upper
96 100
61 188.7 126.2 234.4
63 118.2 77.8 144.4

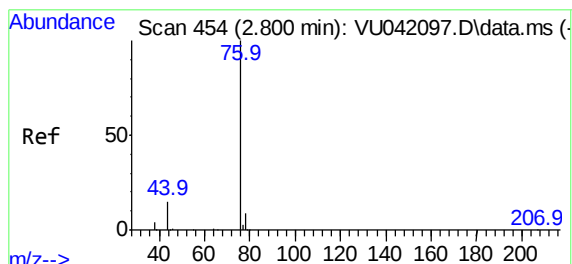
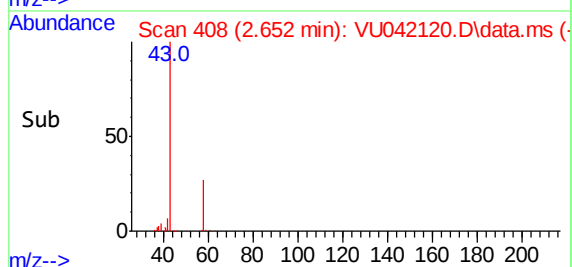
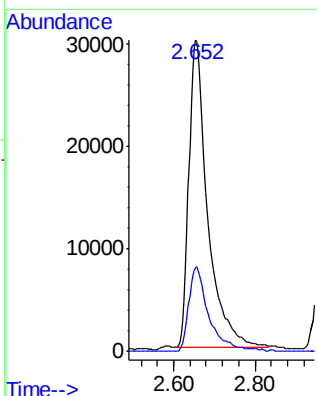
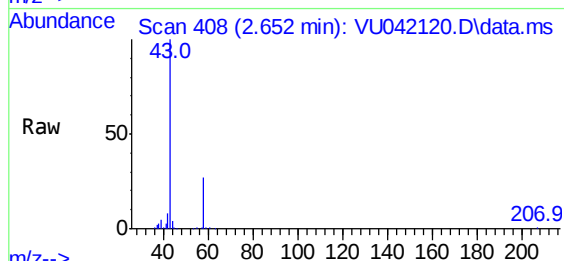




#13
Acetone
Concen: 51.65 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.009 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

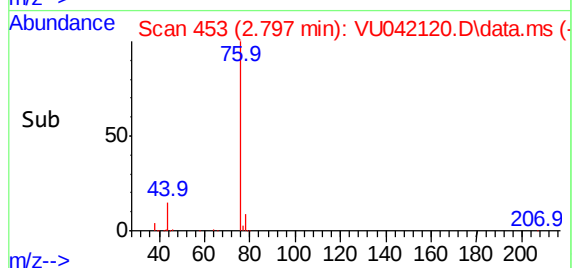
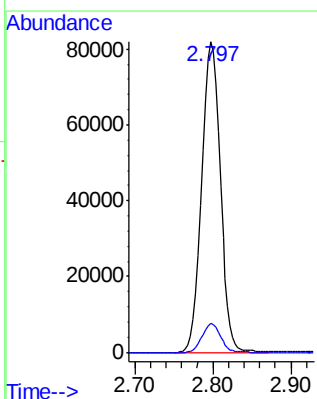
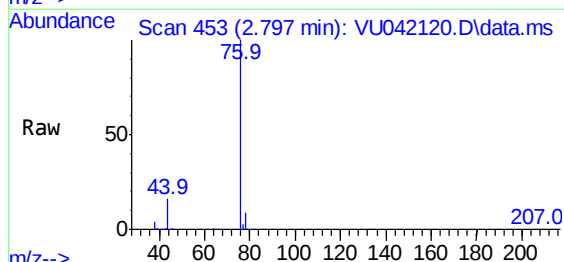
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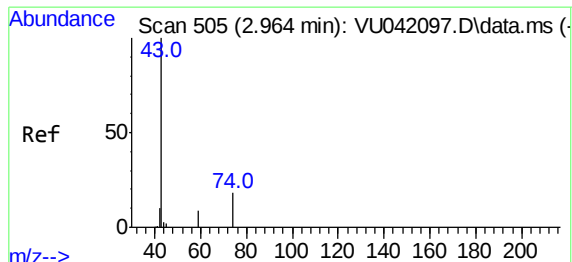
Tgt Ion: 43 Resp: 95497
Ion Ratio Lower Upper
43 100
58 27.8 0.0 55.8



#14
Carbon disulfide
Concen: 5.17 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 137143
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

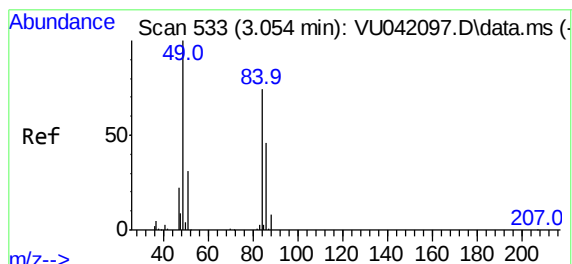
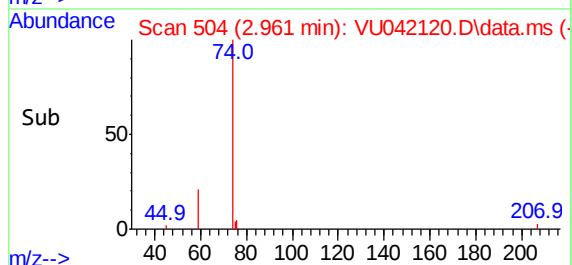
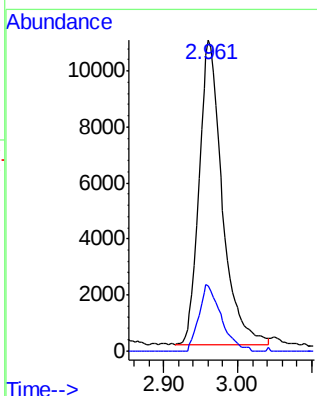
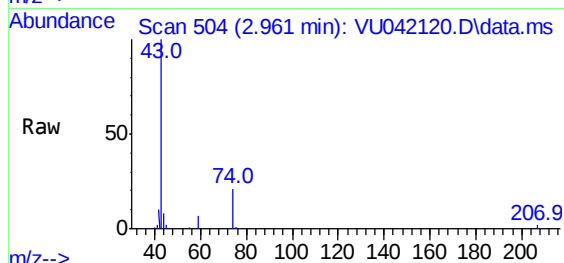




#15
Methyl Acetate
Concen: 5.37 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

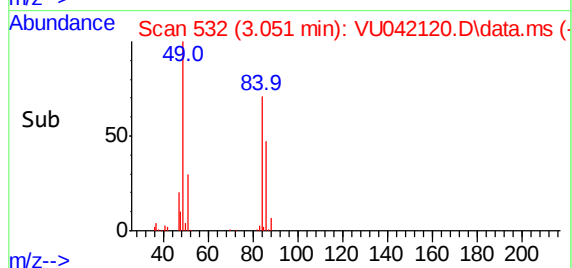
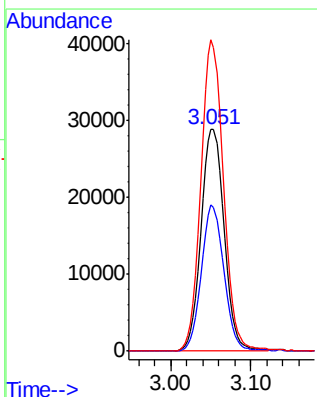
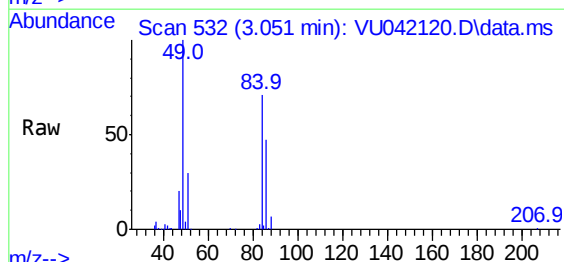
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

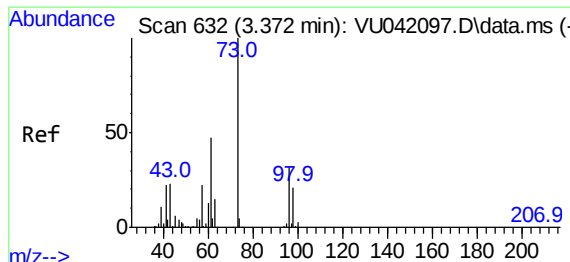
Tgt Ion: 43 Resp: 23432
Ion Ratio Lower Upper
43 100
74 20.9 16.9 25.3



#16
Methylene chloride
Concen: 5.88 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 84 Resp: 55325
Ion Ratio Lower Upper
84 100
86 65.7 44.1 81.9
49 140.7 95.0 176.4

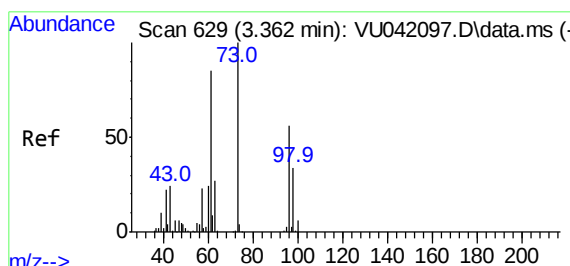
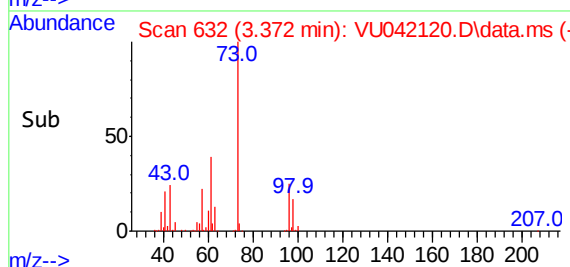
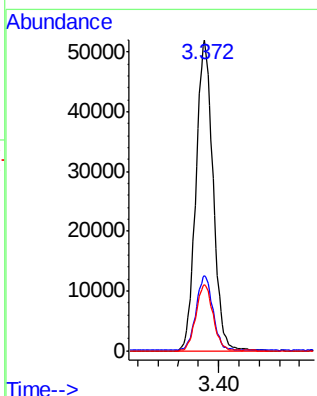
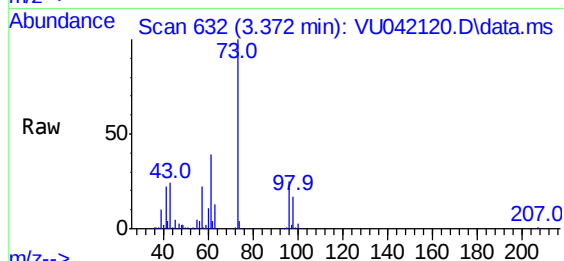




#17
Methyl tert-butyl Ether
Concen: 5.24 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

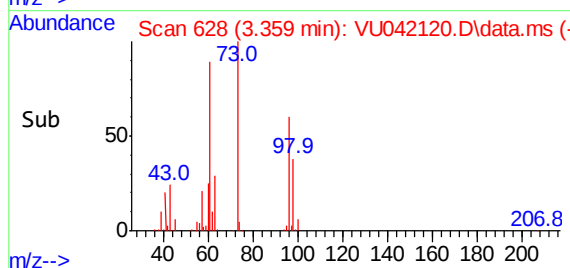
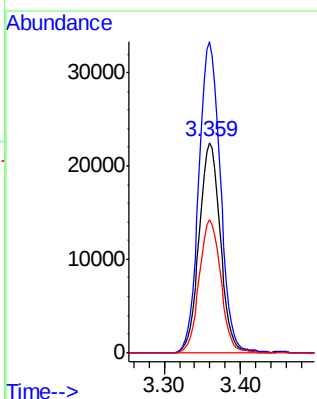
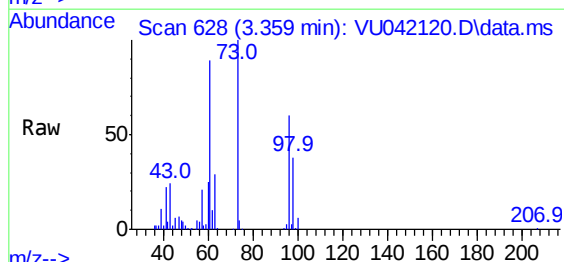
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

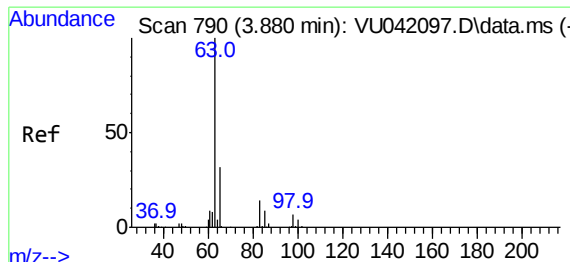
Tgt Ion: 73 Resp: 121260
Ion Ratio Lower Upper
73 100
43 23.2 18.9 28.3
57 21.4 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 5.07 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 96 Resp: 43139
Ion Ratio Lower Upper
96 100
61 148.2 105.7 196.3
98 63.6 42.8 79.6

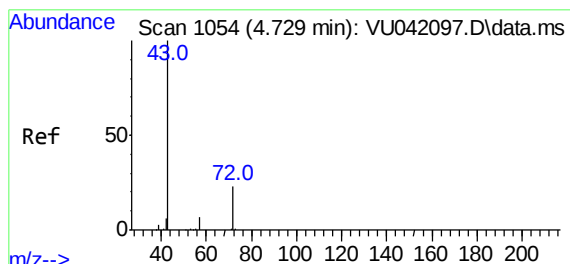
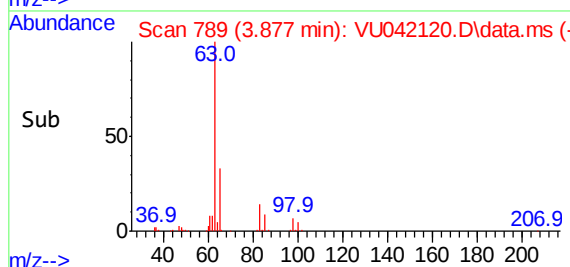
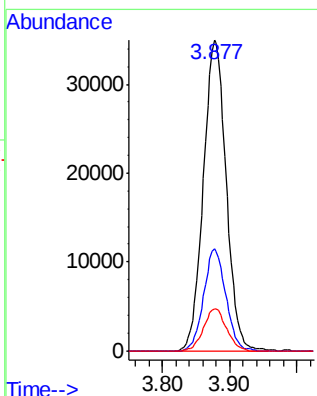
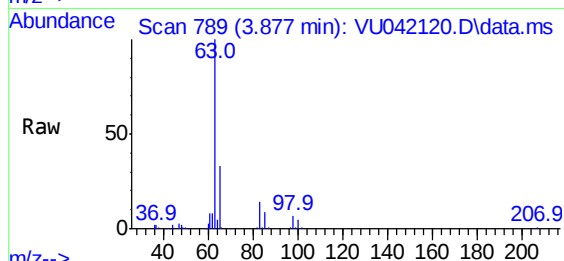




#19
1,1-Dichloroethane
Concen: 5.27 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

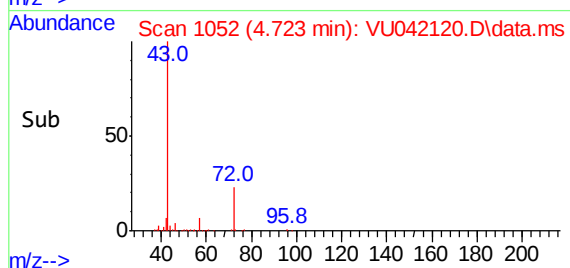
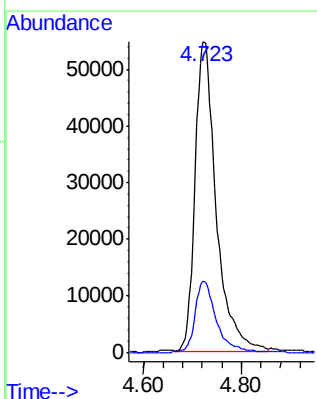
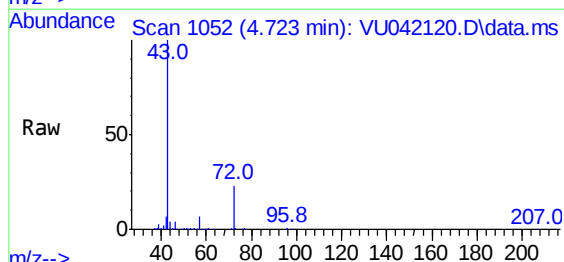
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

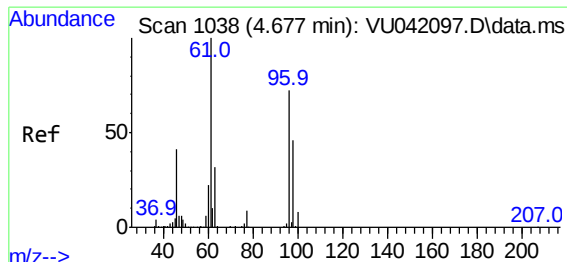
Tgt Ion: 63 Resp: 82735
Ion Ratio Lower Upper
63 100
65 32.9 22.5 41.9
83 13.5 10.1 18.7



#21
2-Butanone
Concen: 52.66 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 43 Resp: 163116
Ion Ratio Lower Upper
43 100
72 23.1 11.7 35.1



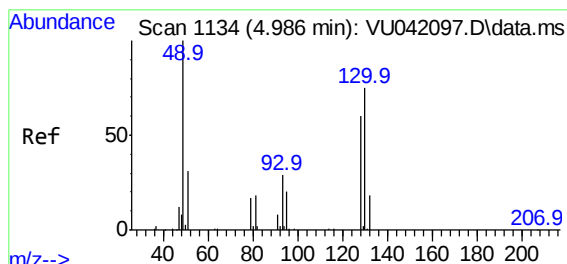
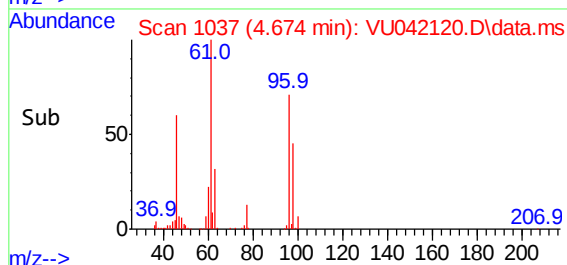
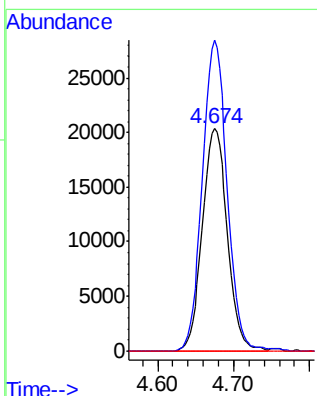
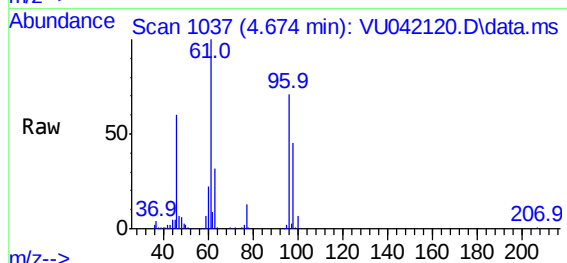


#22
 cis-1,2-Dichloroethene
 Concen: 5.11 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU042120.D
 Acq: 20 Jan 2021 21:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Tgt Ion: 96 Resp: 46313

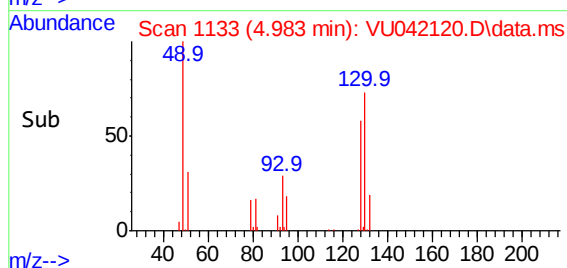
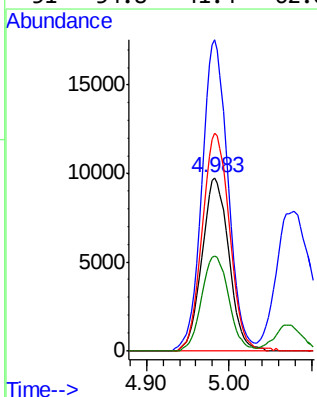
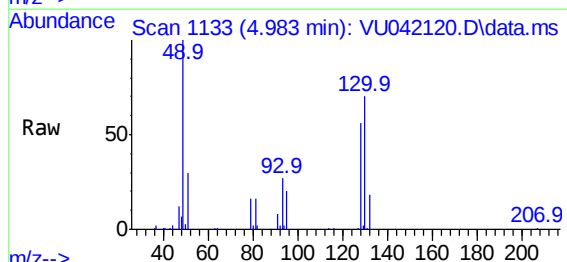
Ion	Ratio	Lower	Upper
96	100		
61	140.0	97.8	181.6
68	0.0	0.0	0.0

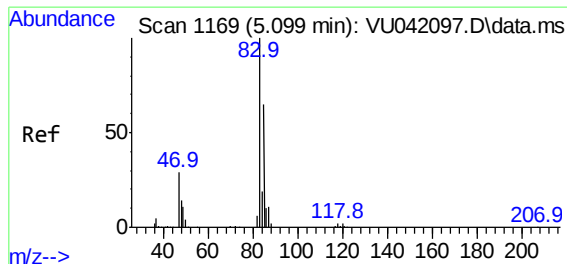


#23
 Bromochloromethane
 Concen: 5.21 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.003 min
 Lab File: VU042120.D
 Acq: 20 Jan 2021 21:01

Tgt Ion: 128 Resp: 21810

Ion	Ratio	Lower	Upper
128	100		
49	179.6	117.7	218.7
130	125.9	87.9	163.3
51	54.8	41.4	62.0

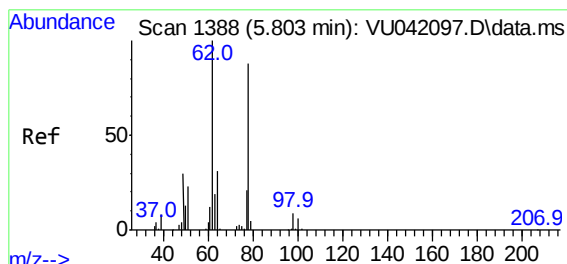
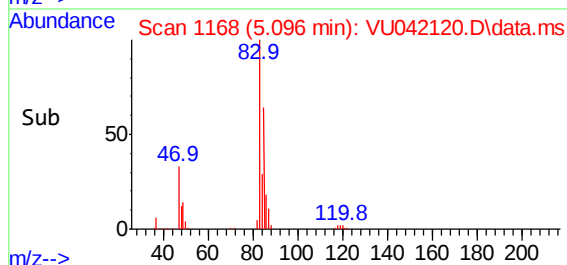
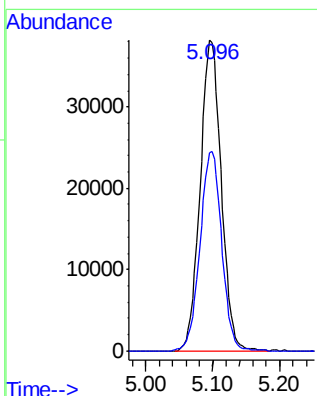
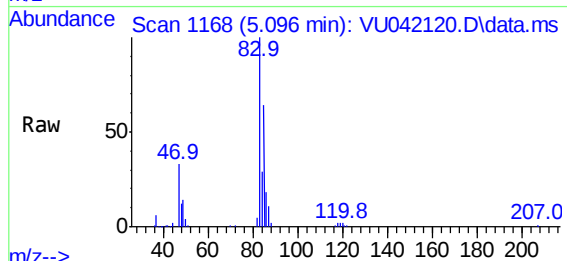




#25
Chloroform
Concen: 5.15 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

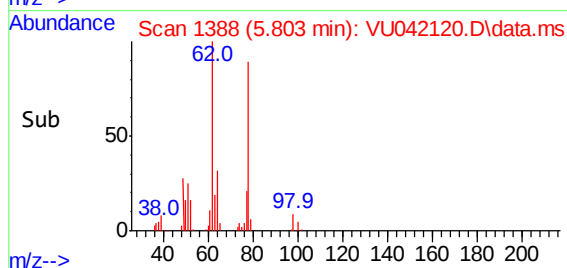
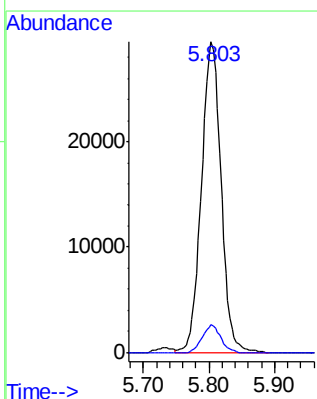
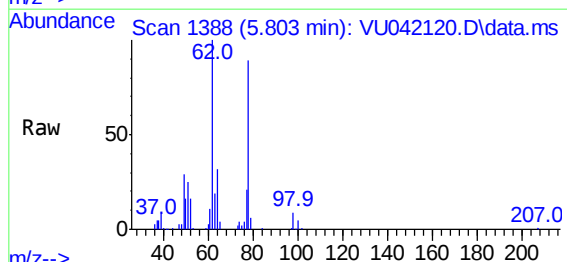
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

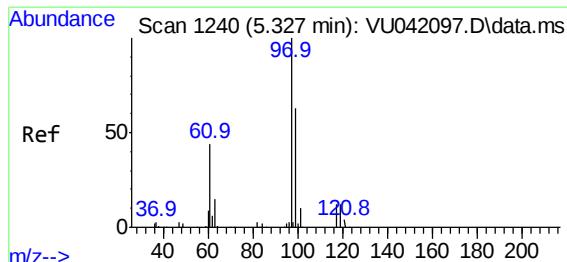
Tgt Ion: 83 Resp: 83413
Ion Ratio Lower Upper
83 100
85 63.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.32 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 62 Resp: 61150
Ion Ratio Lower Upper
62 100
98 8.8 7.3 10.9

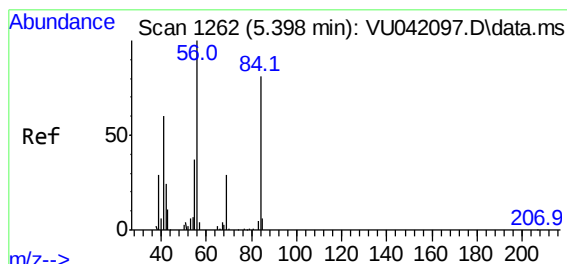
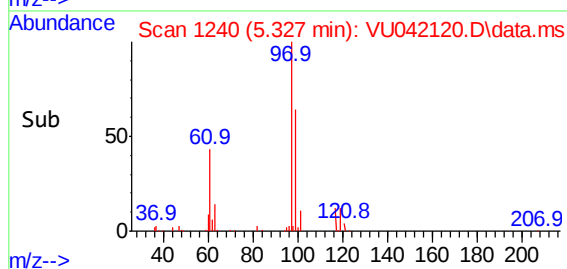
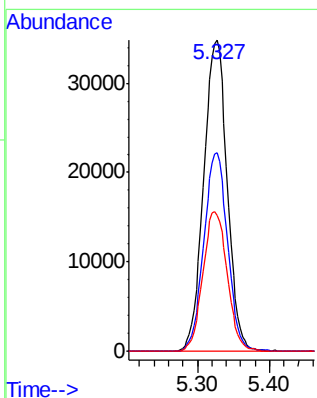
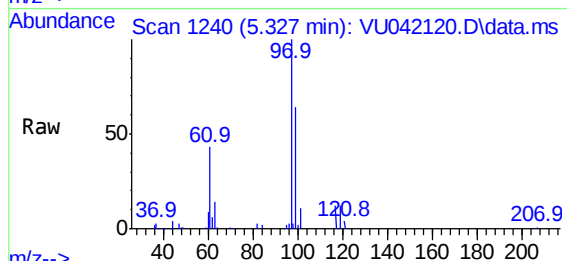




#29
1,1,1-Trichloroethane
Concen: 5.45 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

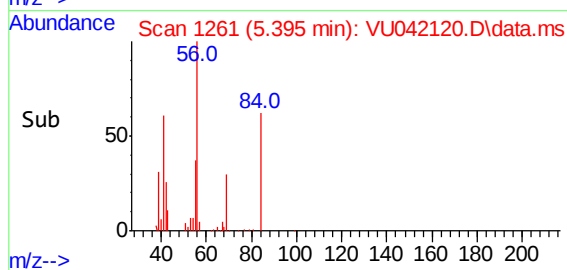
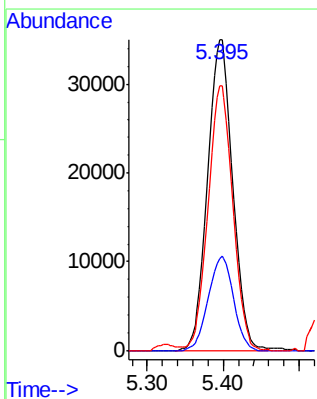
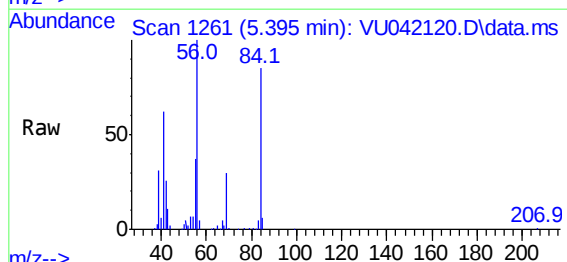
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

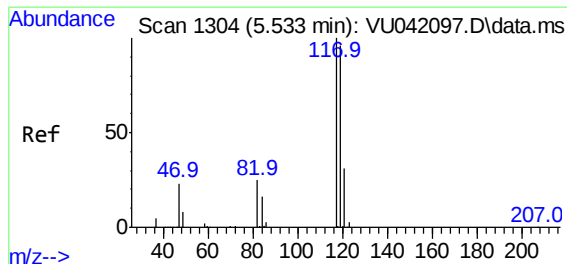
Tgt Ion: 97 Resp: 78405
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 46.3 35.8 53.6



#30
Cyclohexane
Concen: 5.21 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 56 Resp: 80425
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 84.0 65.3 97.9

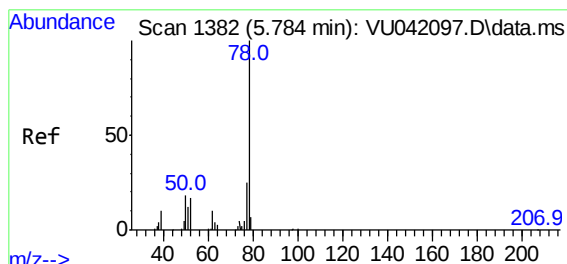
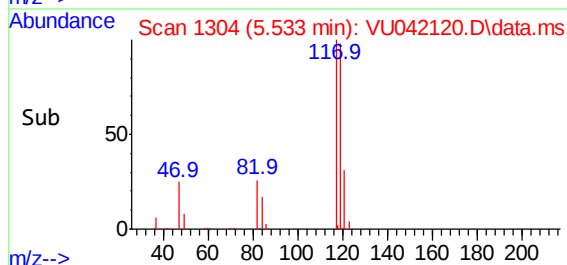
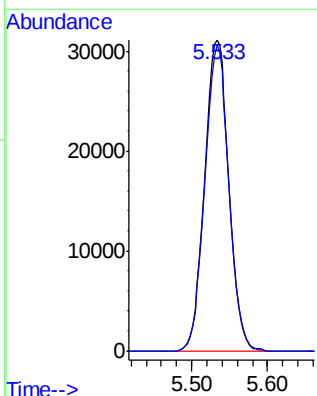
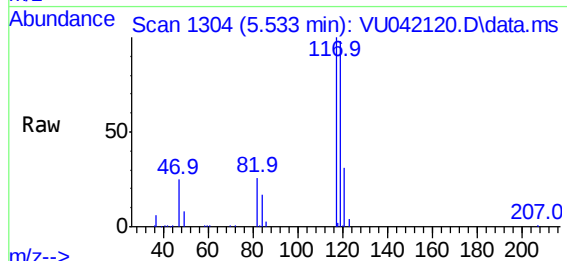




#31
Carbon tetrachloride
Concen: 5.41 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

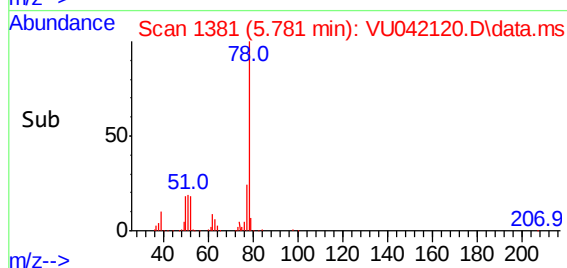
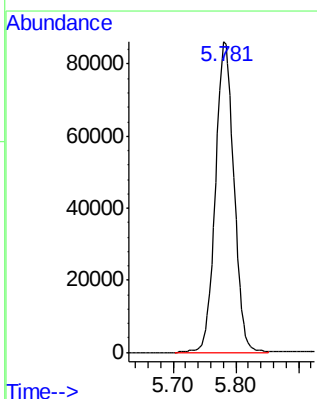
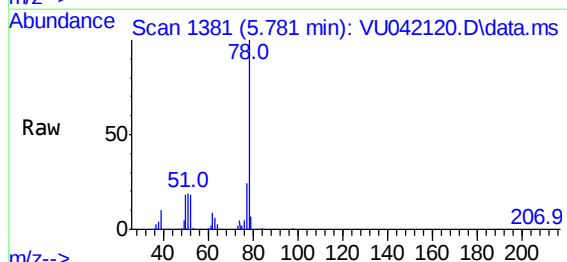
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

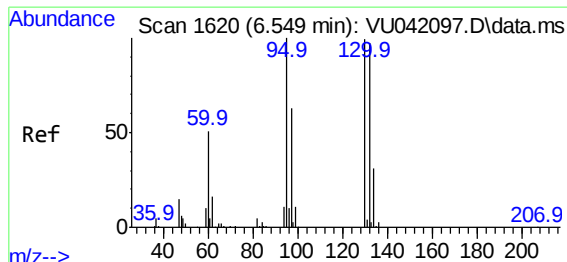
Tgt Ion:117 Resp: 68536
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4



#33
Benzene
Concen: 5.49 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 78 Resp: 176204



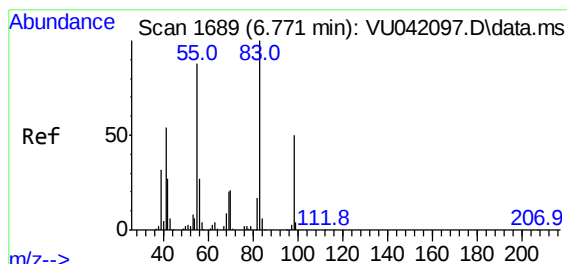
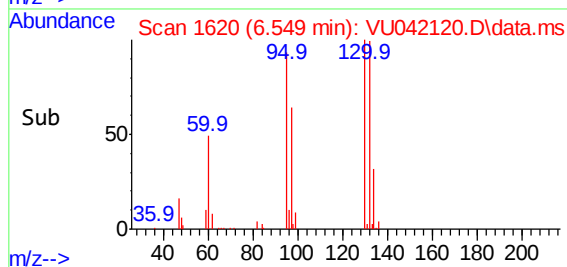
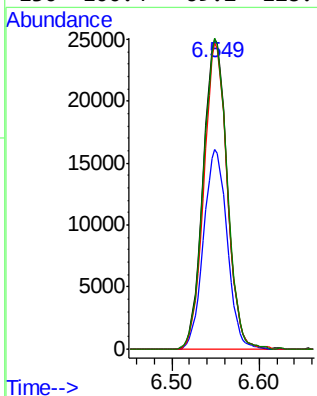
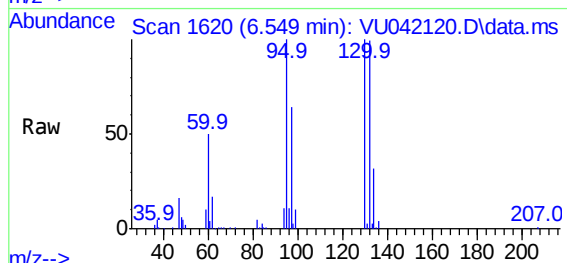


#34
Trichloroethene
Concen: 5.47 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Tgt Ion: 95 Resp: 47312

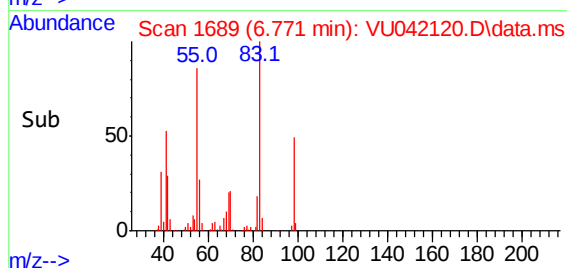
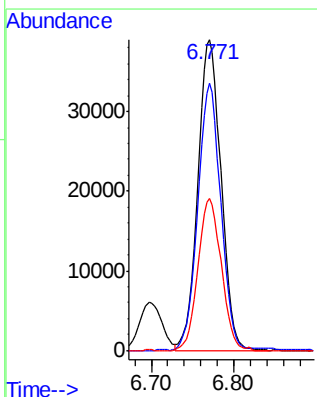
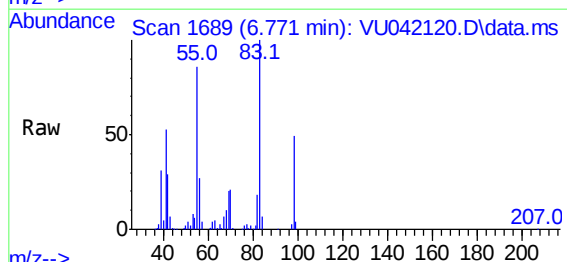
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.4	82.4
132	98.9	68.0	126.4
130	100.4	69.2	128.4

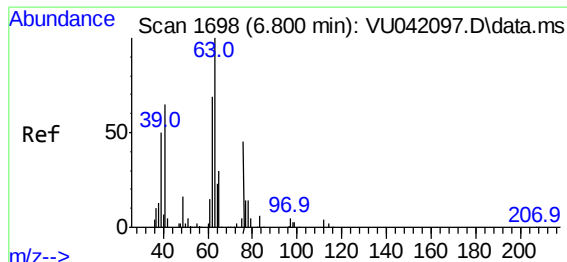


#35
Methylcyclohexane
Concen: 5.24 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 83 Resp: 76002

Ion	Ratio	Lower	Upper
83	100		
55	86.2	68.2	102.4
98	49.4	39.7	59.5

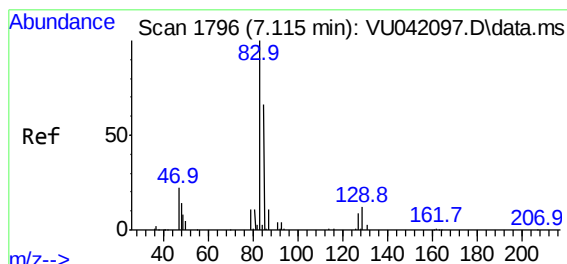
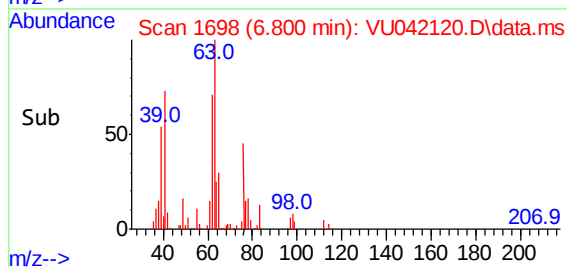
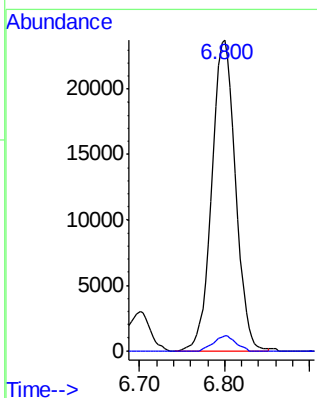
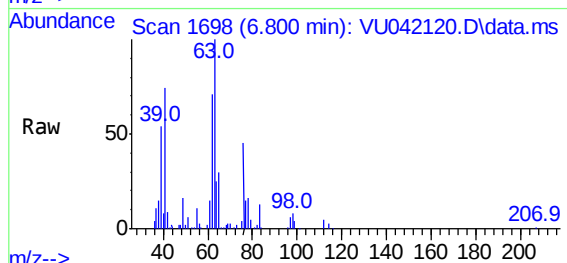




#37
1,2-Dichloropropane
Concen: 5.44 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

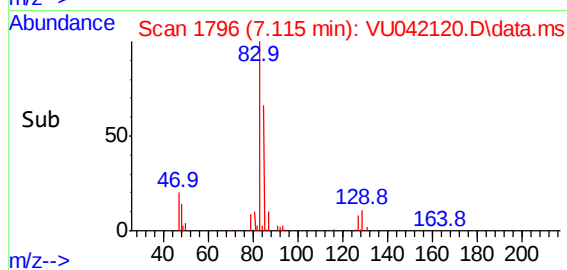
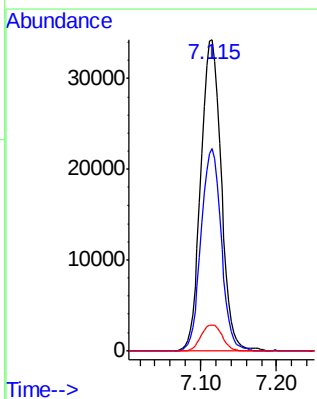
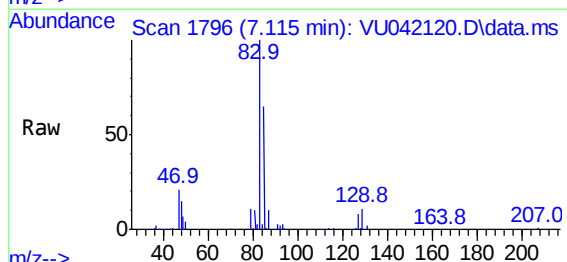
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

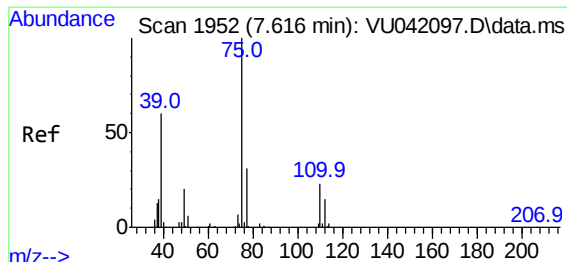
Tgt Ion: 63 Resp: 46003
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.0



#38
Bromodichloromethane
Concen: 5.41 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 83 Resp: 63179
Ion Ratio Lower Upper
83 100
85 65.1 46.0 85.4
127 8.3 6.8 10.2

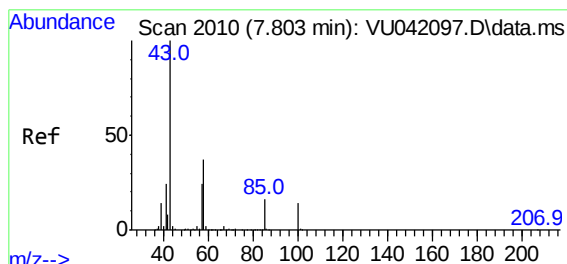
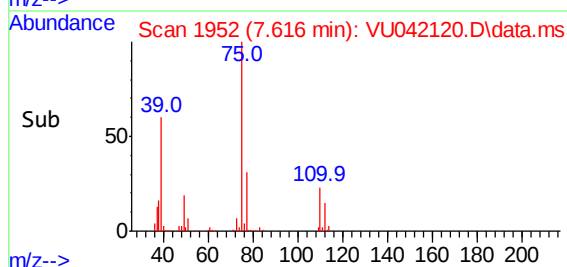
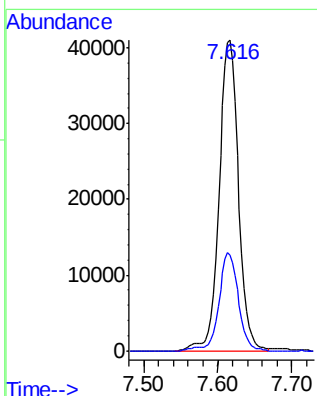
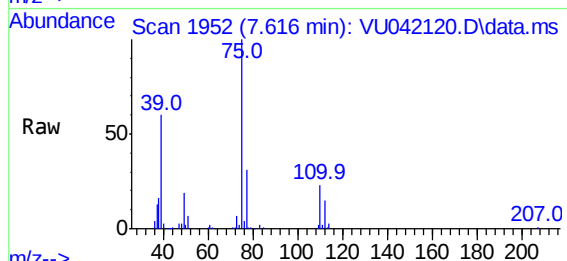




#39
 cis-1,3-Dichloropropene
 Concen: 5.33 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042120.D
 Acq: 20 Jan 2021 21:01

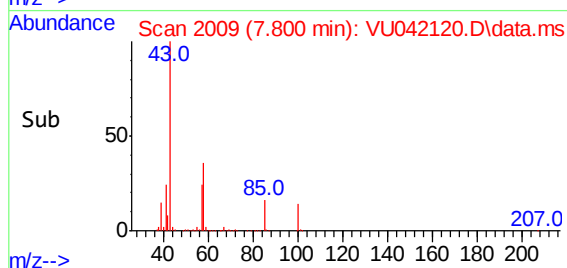
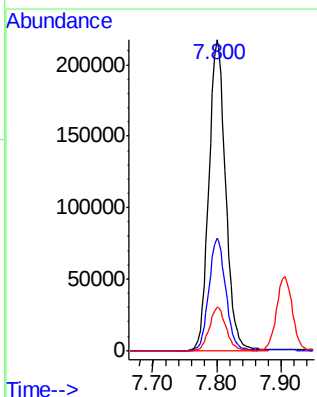
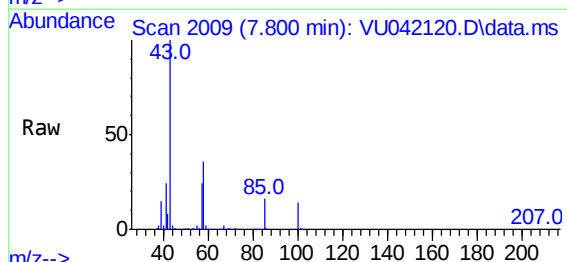
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

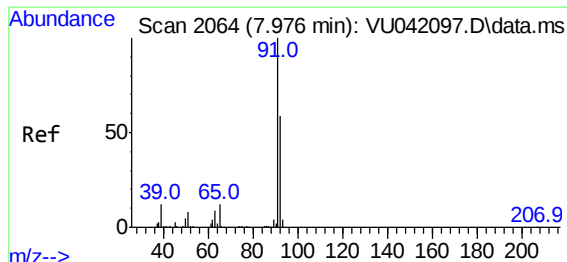
Tgt Ion: 75 Resp: 74035
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 54.17 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU042120.D
 Acq: 20 Jan 2021 21:01

Tgt Ion: 43 Resp: 391527
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.1 43.7
 100 13.8 11.0 16.4





#42

Toluene

Concen: 5.35 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU042120.D

Acq: 20 Jan 2021 21:01

Instrument :

MSVOA_U

ClientSampleId :

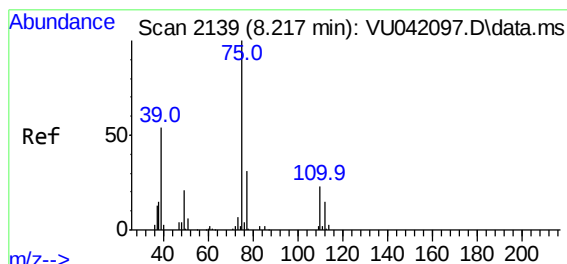
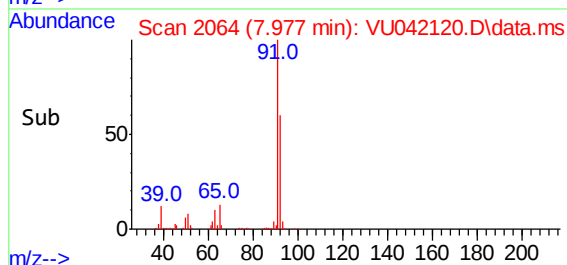
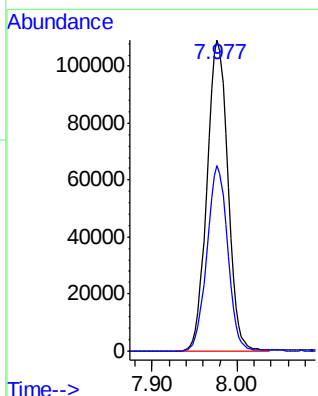
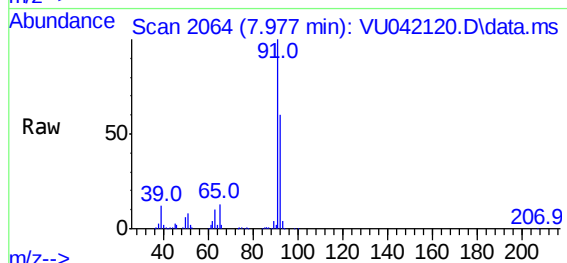
VSTD00520

Tgt Ion: 91 Resp: 185900

Ion Ratio Lower Upper

91 100

92 59.5 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 5.07 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU042120.D

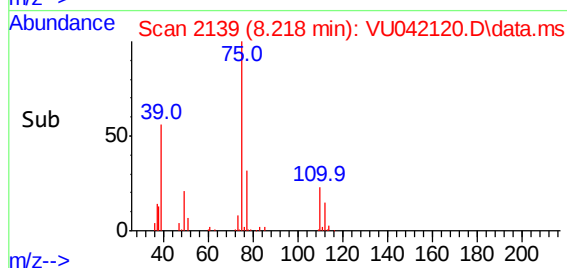
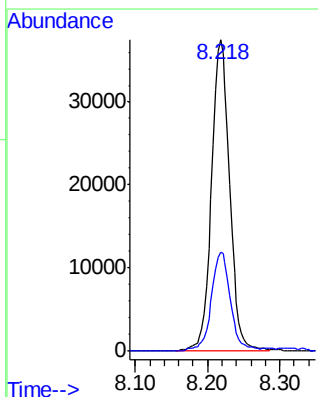
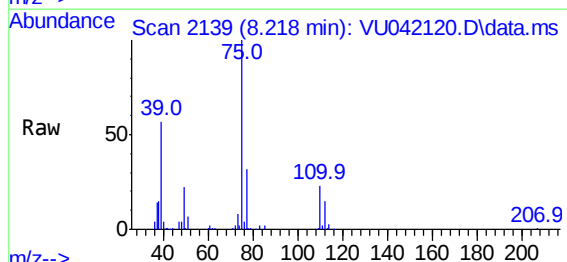
Acq: 20 Jan 2021 21:01

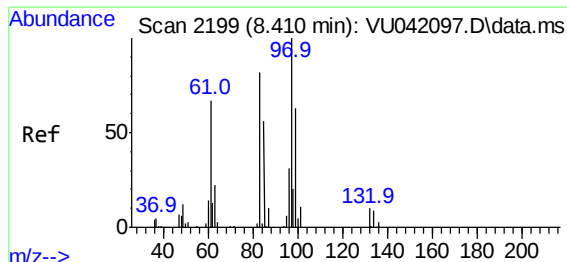
Tgt Ion: 75 Resp: 64560

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



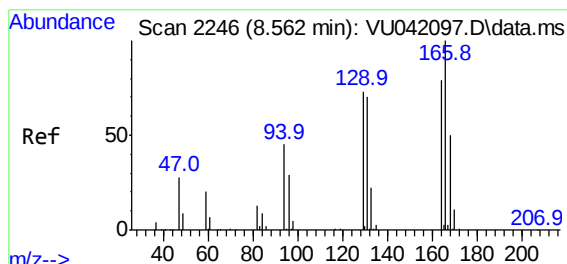
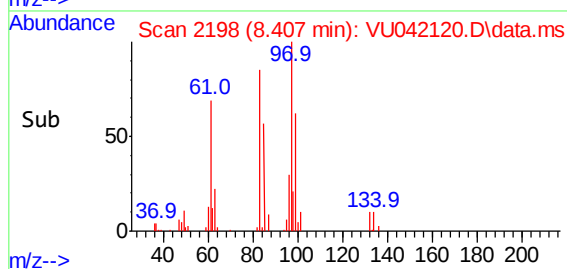
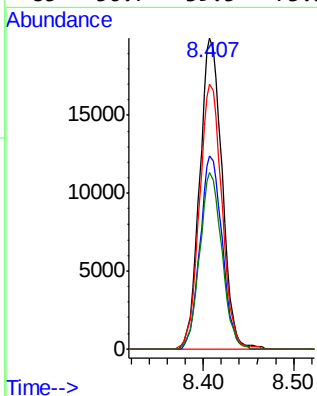
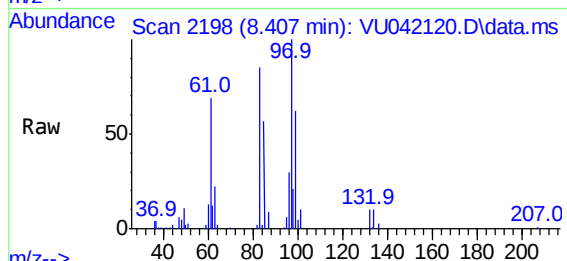


#45
1,1,2-Trichloroethane
Concen: 5.43 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Tgt Ion: 97 Resp: 33988

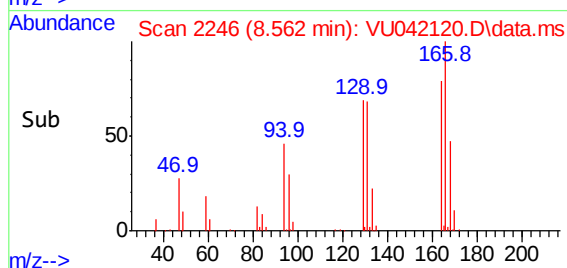
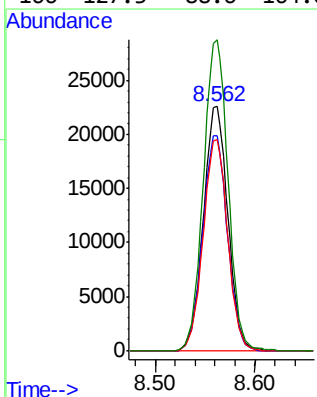
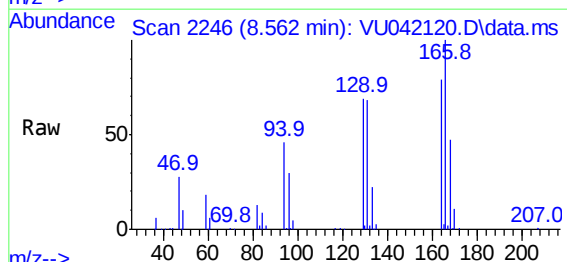
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.0	81.8
83	85.2	57.6	107.0
85	56.7	39.5	73.3

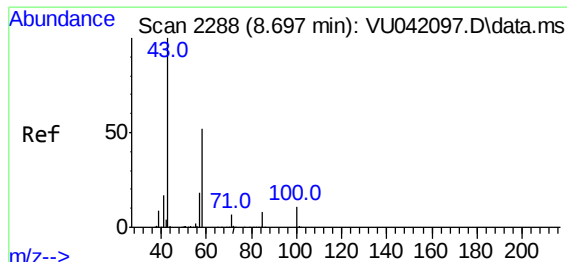


#47
Tetrachloroethene
Concen: 5.34 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 164 Resp: 38410

Ion	Ratio	Lower	Upper
164	100		
129	88.1	64.3	119.5
131	86.5	62.2	115.6
166	127.3	88.6	164.6



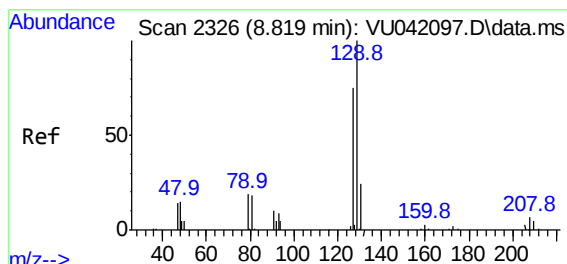
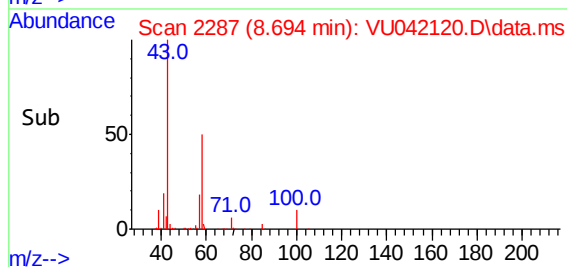
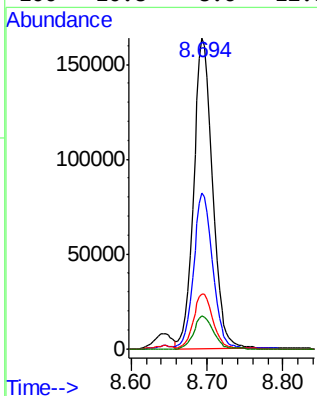
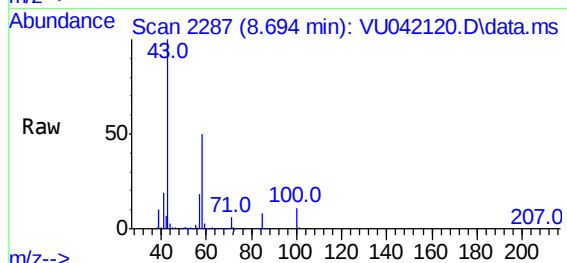


#48
2-Hexanone
Concen: 55.84 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Tgt Ion: 43 Resp: 280585

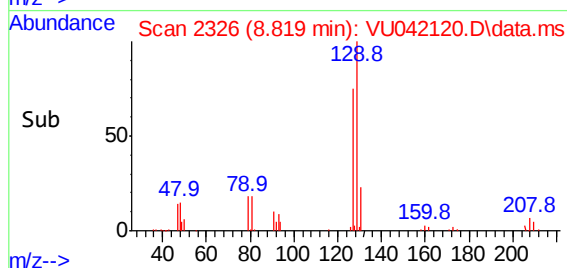
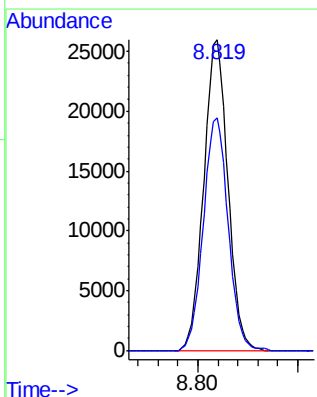
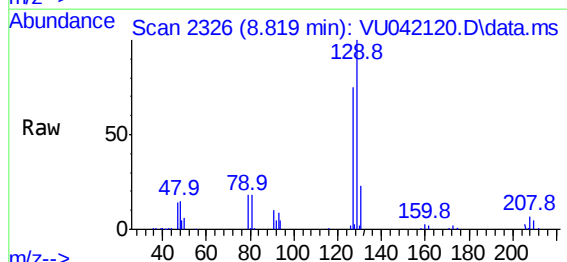
Ion	Ratio	Lower	Upper
43	100		
58	50.4	40.6	61.0
57	18.4	14.9	22.3
100	10.8	8.6	12.8

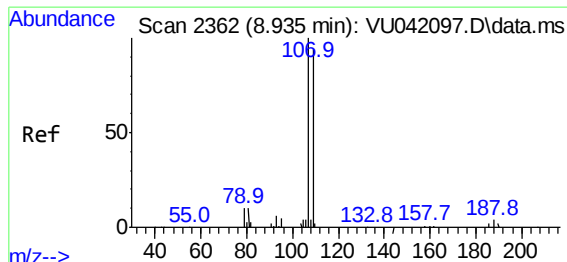


#49
Dibromochloromethane
Concen: 5.24 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 129 Resp: 43608

Ion	Ratio	Lower	Upper
129	100		
127	74.8	52.3	97.1

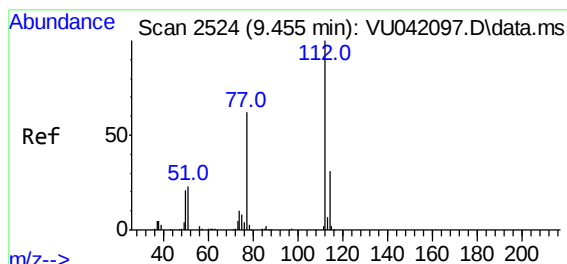
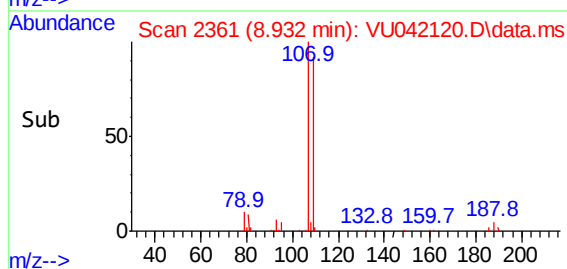
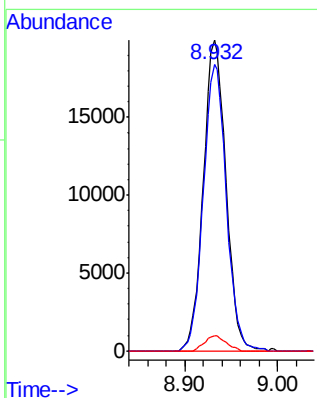
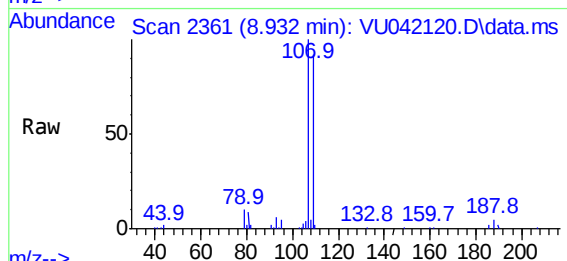




#50
1,2-Dibromoethane
Concen: 5.22 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

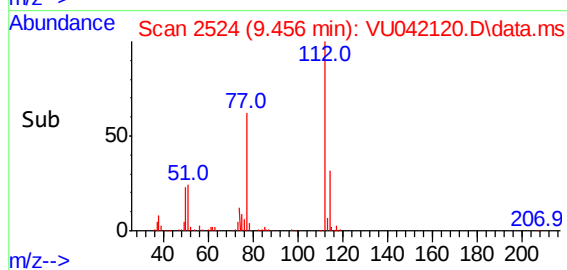
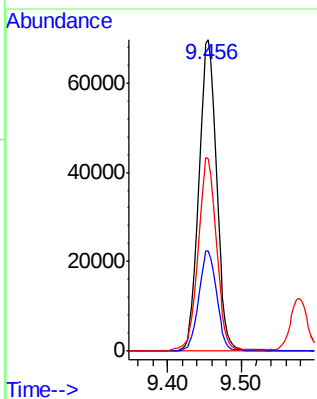
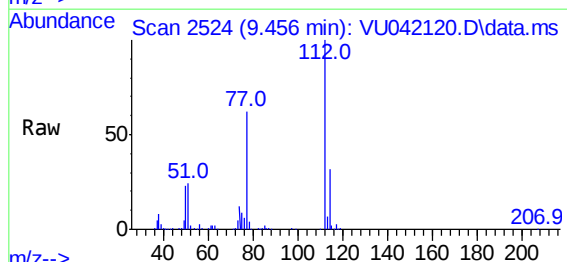
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

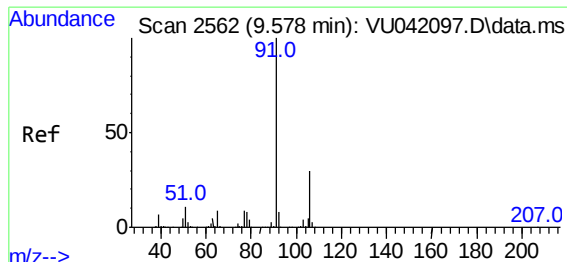
Tgt Ion:107 Resp: 33677
Ion Ratio Lower Upper
107 100
109 92.0 65.5 121.6
188 4.8 3.4 5.2



#51
Chlorobenzene
Concen: 5.22 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion:112 Resp: 115927
Ion Ratio Lower Upper
112 100
114 31.9 22.0 41.0
77 61.7 49.8 74.6

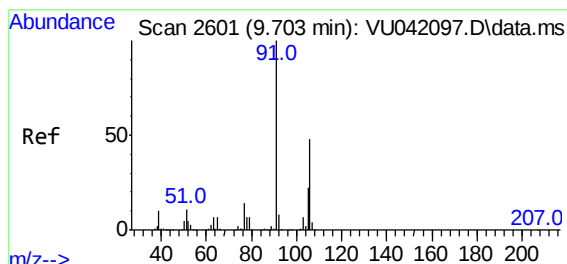
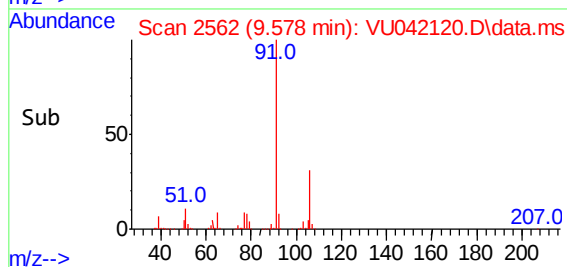
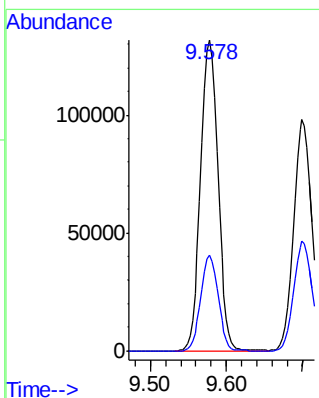
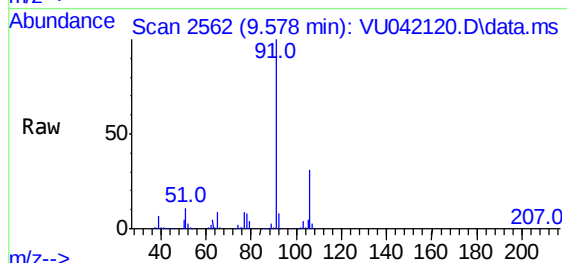




#52
Ethylbenzene
Concen: 5.26 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

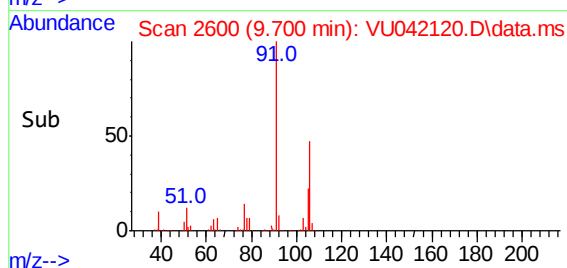
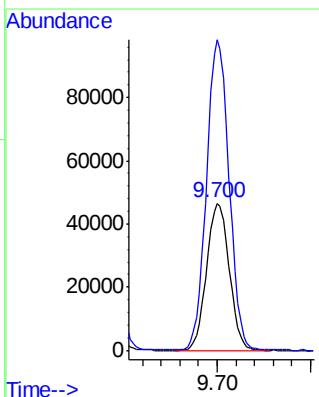
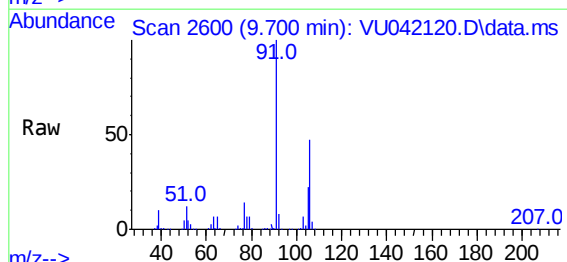
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

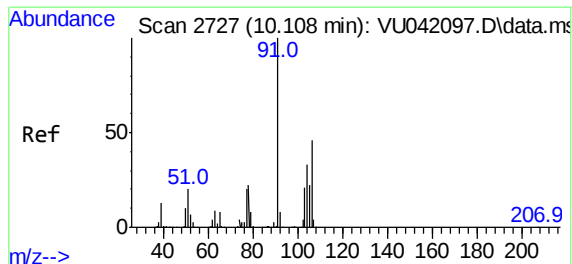
Tgt Ion: 91 Resp: 209236
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.3



#53
m,p-Xylene
Concen: 5.29 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion:106 Resp: 78889
Ion Ratio Lower Upper
106 100
91 211.3 145.1 269.5

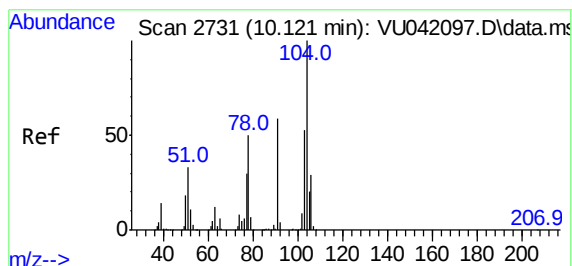
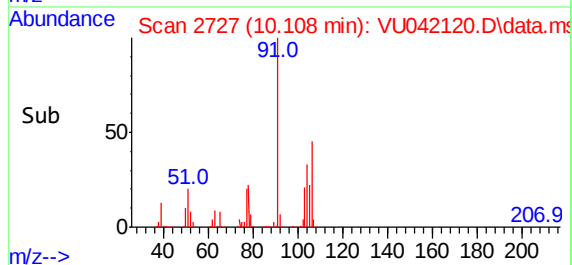
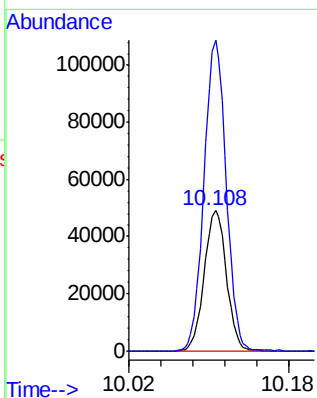
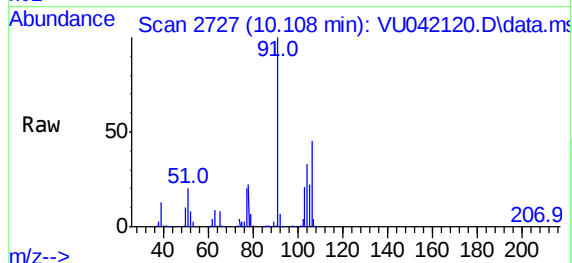




#54
o-Xylene
Concen: 5.40 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

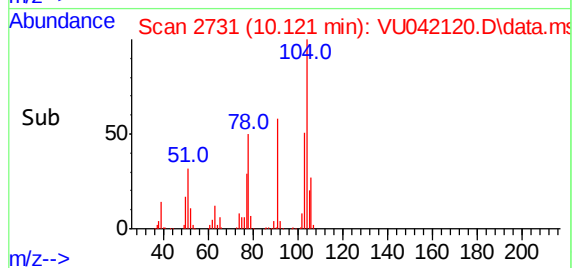
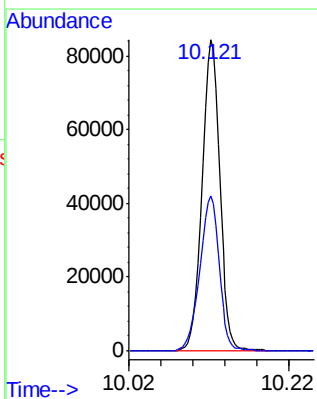
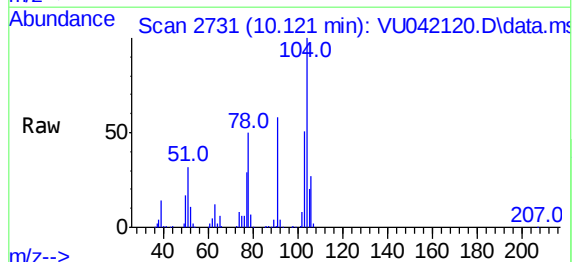
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

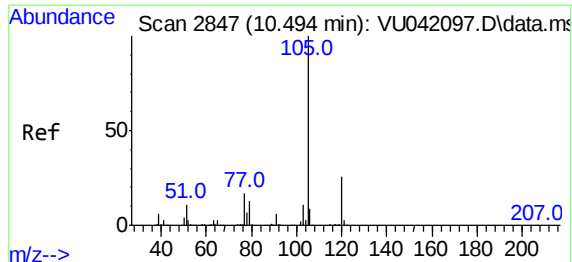
Tgt Ion:106 Resp: 78035
Ion Ratio Lower Upper
106 100
91 221.7 153.0 284.2



#55
Styrene
Concen: 5.33 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion:104 Resp: 132592
Ion Ratio Lower Upper
104 100
78 49.7 34.9 64.7

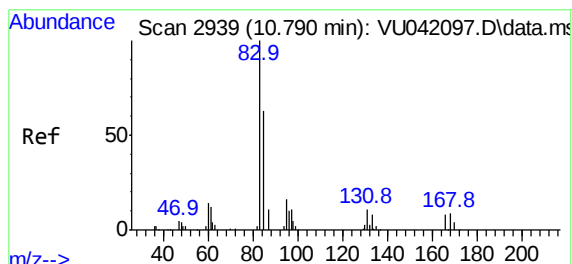
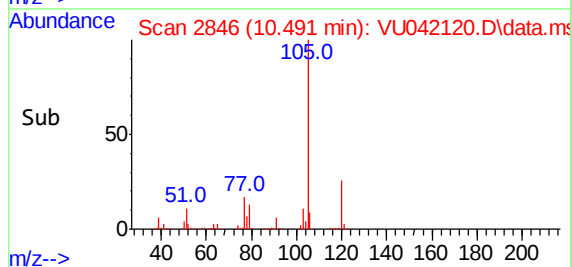
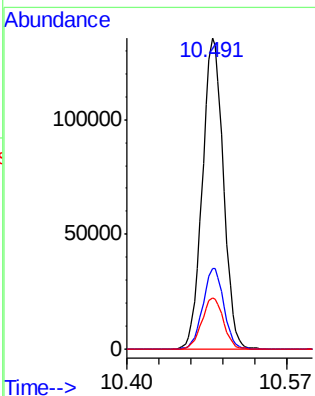
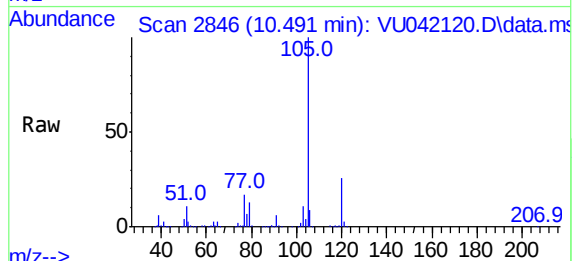




#56
Isopropylbenzene
Concen: 5.28 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

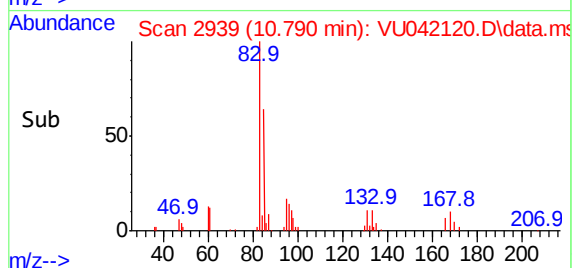
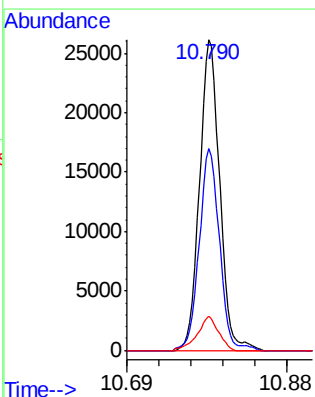
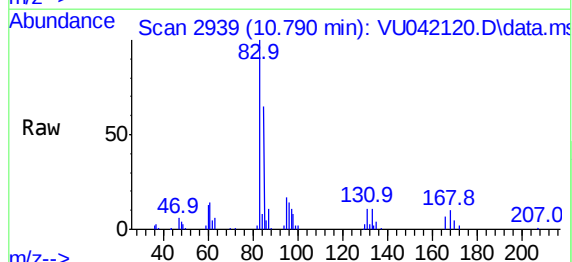
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

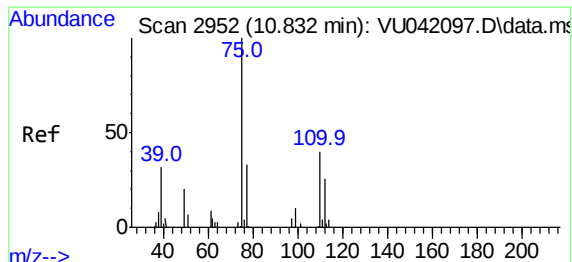
Tgt Ion:105 Resp: 211045
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.6 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.36 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 83 Resp: 42841
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.4
131 10.9 8.6 12.8

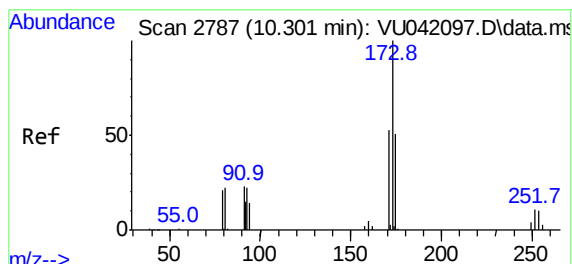
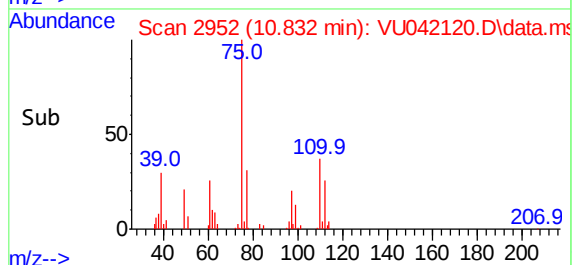
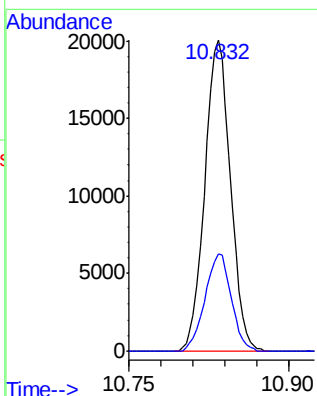
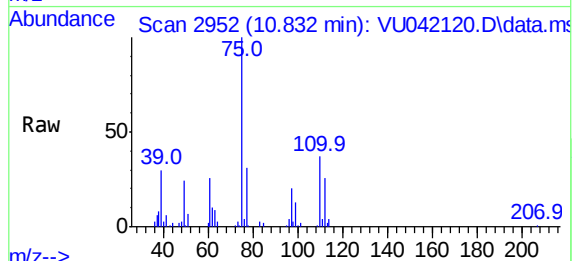




#59
1,2,3-Trichloropropane
Concen: 5.37 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

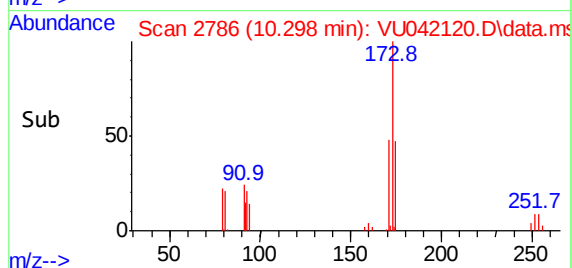
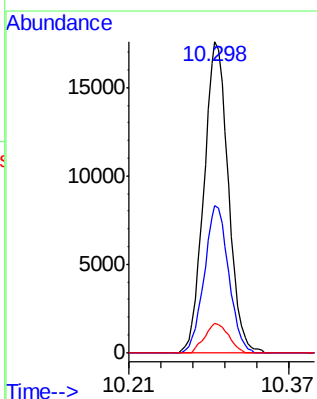
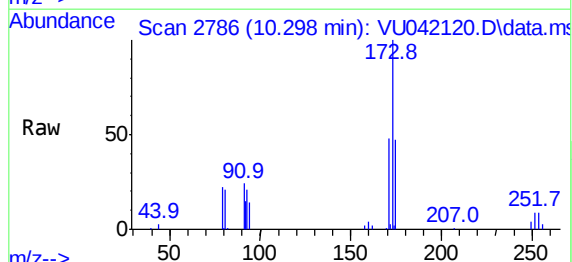
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

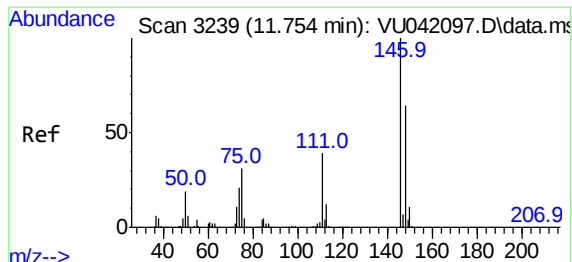
Tgt Ion: 75 Resp: 32016
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0



#61
Bromoform
Concen: 5.35 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion:173 Resp: 28616
Ion Ratio Lower Upper
173 100
175 47.3 38.7 58.1
254 9.0 7.9 11.9

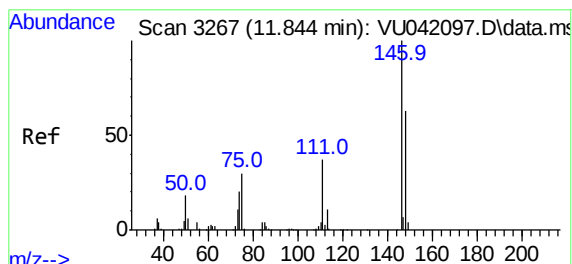
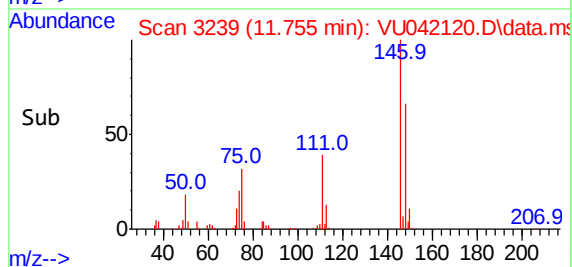
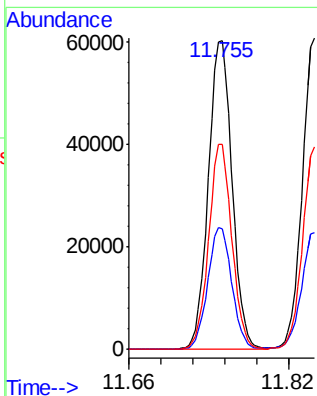
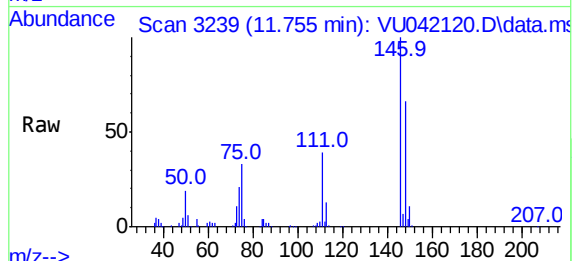




#62
1,3-Dichlorobenzene
Concen: 5.20 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

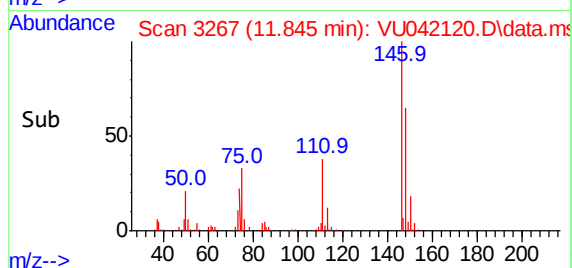
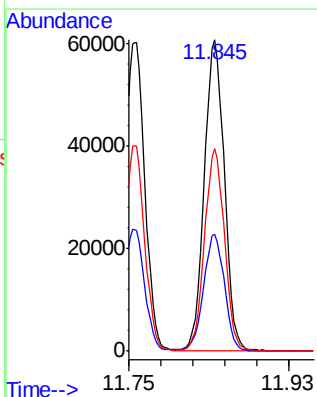
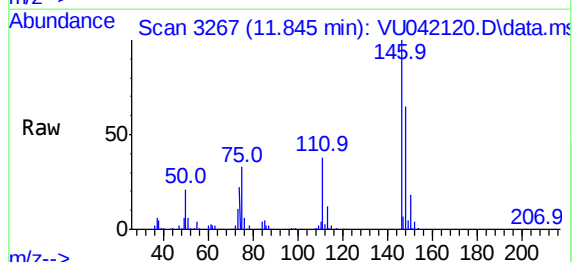
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

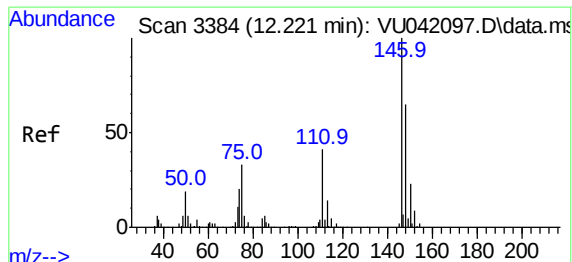
Tgt Ion:146 Resp: 96030
Ion Ratio Lower Upper
146 100
111 39.2 27.2 50.4
148 66.4 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.20 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion:146 Resp: 96136
Ion Ratio Lower Upper
146 100
111 37.6 25.8 47.8
148 65.0 44.1 81.9

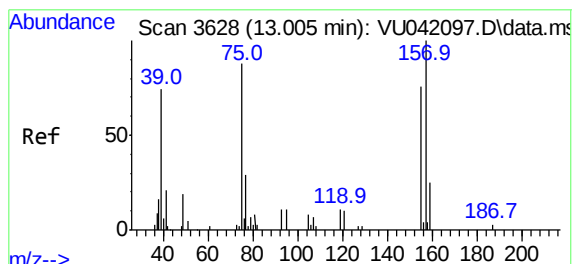
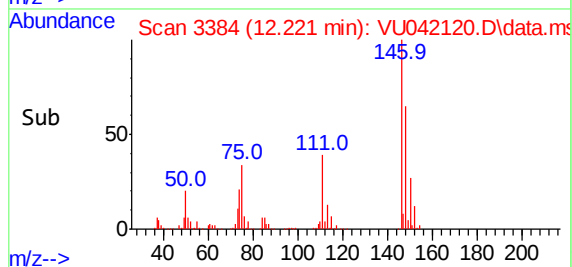
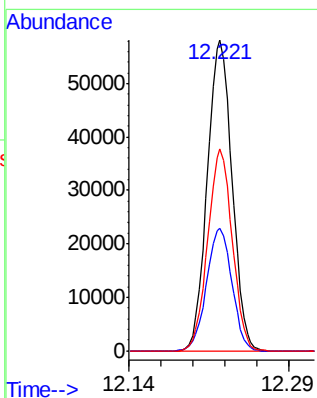
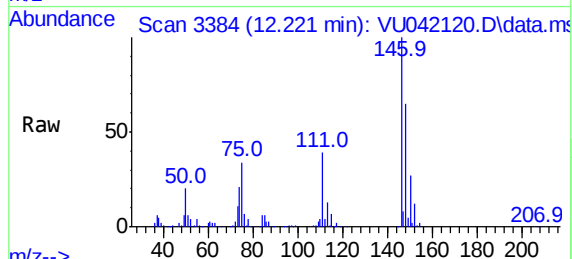




#65
1,2-Dichlorobenzene
Concen: 5.40 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

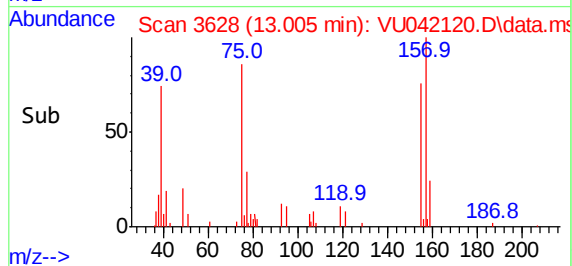
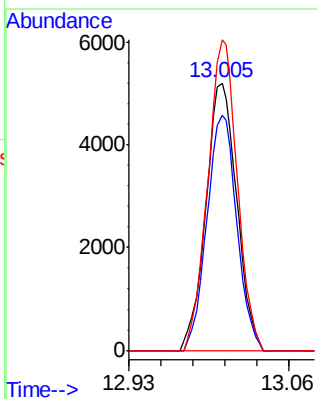
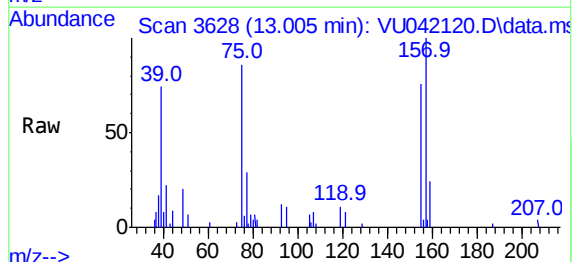
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

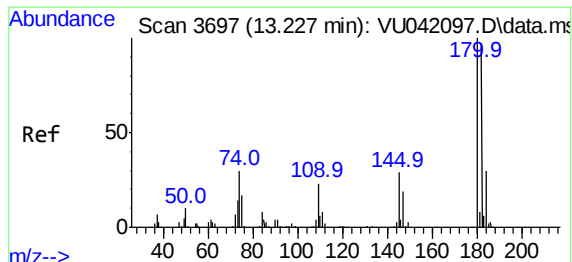
Tgt Ion:146 Resp: 92761
Ion Ratio Lower Upper
146 100
111 39.4 32.7 49.1
148 65.2 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 5.52 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion: 75 Resp: 8465
Ion Ratio Lower Upper
75 100
155 88.0 69.0 103.6
157 116.1 91.0 136.6

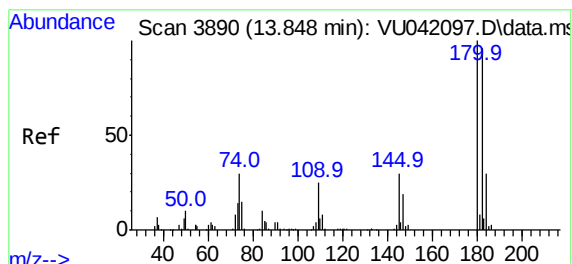
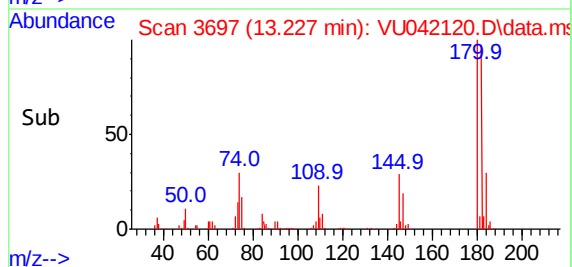
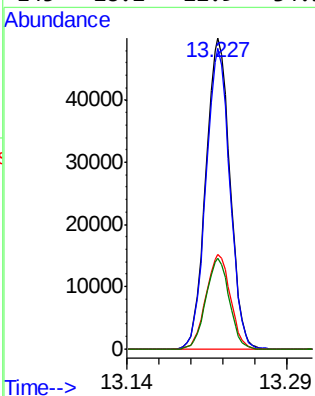
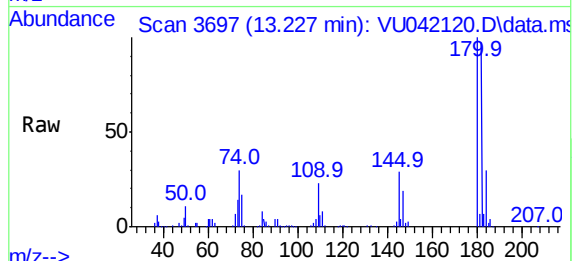




#67
1,3,5-Trichlorobenzene
Concen: 5.23 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

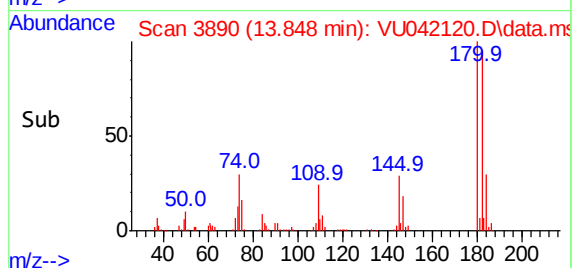
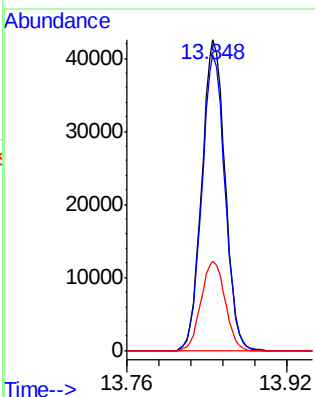
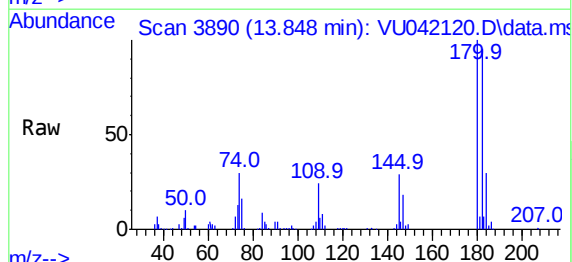
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

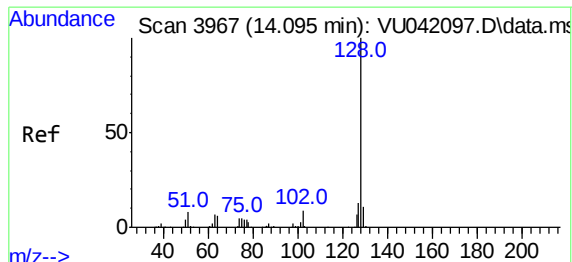
Tgt Ion:180 Resp: 77352
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
184 30.5 23.9 35.9
145 28.2 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 5.66 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion:180 Resp: 66160
Ion Ratio Lower Upper
180 100
182 95.1 76.3 114.5
145 29.6 23.7 35.5

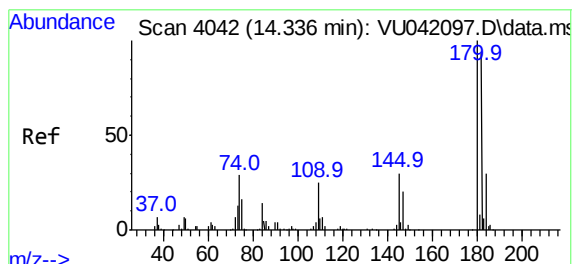
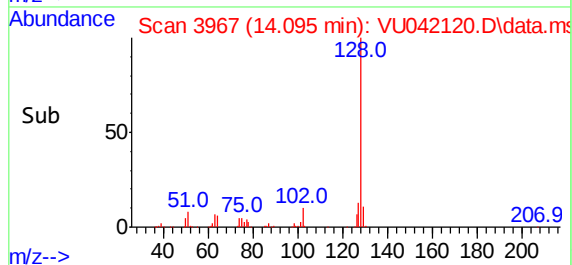
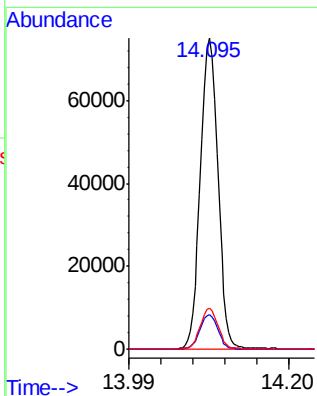
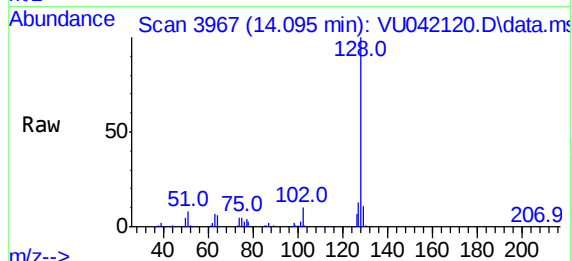




#69
Naphthalene
Concen: 7.01 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Tgt Ion:128 Resp: 119887
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.79 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU042120.D
Acq: 20 Jan 2021 21:01

Tgt Ion:180 Resp: 59980
Ion Ratio Lower Upper
180 100
182 97.8 75.6 113.4
145 31.0 24.7 37.1

