

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042097.D
 Acq On : 20 Jan 2021 11:05
 Operator : SY/MD
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Quant Time: Jan 21 03:56:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 03:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	137843	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.426	117	132814	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	73790	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.600	65	42975	4.27 ug/L	0.00
7) Chloroethane-d5	1.919	69	34209	3.70 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	96705	4.69 ug/L	0.00
20) 2-Butanone-d5	4.652	46	161989	46.71 ug/L	0.00
24) Chloroform-d	5.073	84	90387	4.38 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	53055	4.63 ug/L	0.00
32) Benzene-d6	5.735	84	166715	4.09 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	53724	3.99 ug/L	0.00
41) Toluene-d8	7.906	98	155754	4.19 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	27481	4.87 ug/L	0.00
46) 2-Hexanone-d5	8.645	63	121812	43.22 ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.764	84	46565	4.46 ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.201	152	64662	4.70 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.385	85	68284	5.30 ug/L	100
3) Chloromethane	1.520	50	60417	3.97 ug/L	100
5) Vinyl chloride	1.607	62	58320	3.80 ug/L	100
6) Bromomethane	1.861	94	34159	3.61 ug/L	100
8) Chloroethane	1.938	64	33957	3.64 ug/L	100
9) Trichlorofluoromethane	2.144	101	78929	4.04 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	51187	4.74 ug/L	100
12) 1,1-Dichloroethene	2.587	96	47807	4.55 ug/L	100
13) Acetone	2.661	43	109860	50.45 ug/L	100
14) Carbon disulfide	2.800	76	162525	4.68 ug/L	100
15) Methyl Acetate	2.964	43	27443	5.12 ug/L	100
16) Methylene chloride	3.054	84	52886	4.30 ug/L	100
17) Methyl tert-butyl Ether	3.372	73	142469	5.01 ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	51962	4.79 ug/L	100
19) 1,1-Dichloroethane	3.880	63	96696	4.61 ug/L	100
21) 2-Butanone	4.729	43	192291	54.55 ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	54557	4.81 ug/L	100
23) Bromochloromethane	4.986	128	25769	4.92 ug/L	100
25) Chloroform	5.099	83	97609	4.65 ug/L	100
27) 1,2-Dichloroethane	5.803	62	69580	5.04 ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	92718	4.86 ug/L	100
30) Cyclohexane	5.398	56	97097	5.00 ug/L	100
31) Carbon tetrachloride	5.533	117	81232	4.95 ug/L	100
33) Benzene	5.784	78	203676	4.29 ug/L	100
34) Trichloroethene	6.549	95	55920	4.67 ug/L	100
35) Methylcyclohexane	6.771	83	90764	4.78 ug/L	100
37) 1,2-Dichloropropane	6.800	63	53884	4.44 ug/L	100
38) Bromodichloromethane	7.115	83	74007	4.61 ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	89373	4.82 ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	462223	51.85 ug/L	100
42) Toluene	7.976	91	220690	4.47 ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	80820	4.95 ug/L	100
45) 1,1,2-Trichloroethane	8.410	97	39652	4.53 ug/L	100

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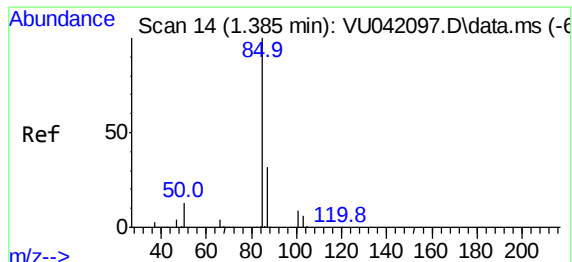
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Tetrachloroethene	8.562	164	46480	5.69	ug/L	100
48) 2-Hexanone	8.697	43	329835	54.26	ug/L	100
49) Dibromochloromethane	8.819	129	53118	5.35	ug/L	100
50) 1,2-Dibromoethane	8.935	107	41105	5.00	ug/L	100
51) Chlorobenzene	9.455	112	140915	4.95	ug/L	100
52) Ethylbenzene	9.578	91	253115	5.12	ug/L	100
53) m,p-Xylene	9.703	106	95936	5.35	ug/L	100
54) o-Xylene	10.108	106	94339	5.41	ug/L	100
55) Styrene	10.121	104	159041	5.33	ug/L	100
56) Isopropylbenzene	10.494	105	252012	5.41	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.790	83	51209	4.74	ug/L	100
59) 1,2,3-Trichloropropane	10.832	75	38153	4.64	ug/L	100
61) Bromoform	10.301	173	34716	5.43	ug/L	100
62) 1,3-Dichlorobenzene	11.754	146	121376	5.08	ug/L	100
63) 1,4-Dichlorobenzene	11.844	146	121097	5.04	ug/L	100
65) 1,2-Dichlorobenzene	12.221	146	112386	4.80	ug/L	100
66) 1,2-Dibromo-3-chloropr...	13.005	75	10395	4.79	ug/L	100
67) 1,3,5-Trichlorobenzene	13.227	180	98233	5.57	ug/L	100
68) 1,2,4-trichlorobenzene	13.848	180	80205	5.96	ug/L	100
69) Naphthalene	14.095	128	125072	5.37	ug/L	100
70) 1,2,3-Trichlorobenzene	14.336	180	71503	5.77	ug/L	100

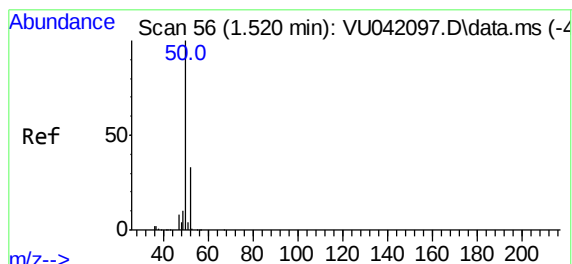
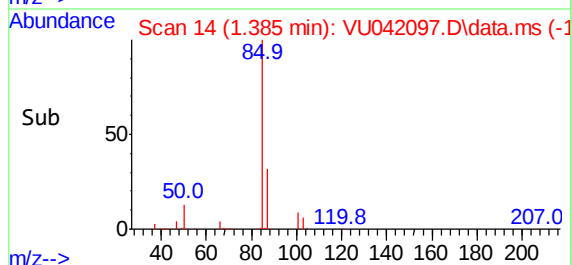
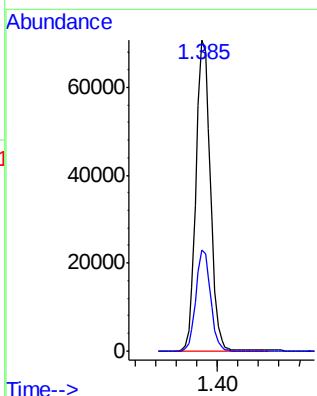
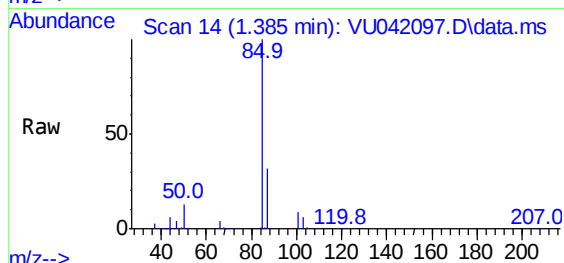
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#2
Dichlorodifluoromethane
Concen: 5.30 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

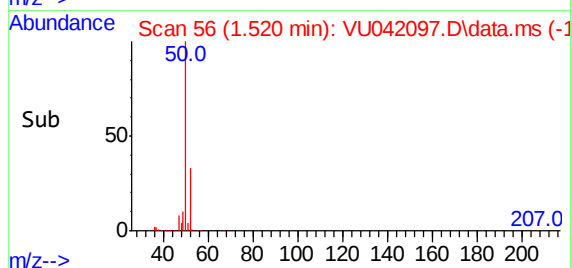
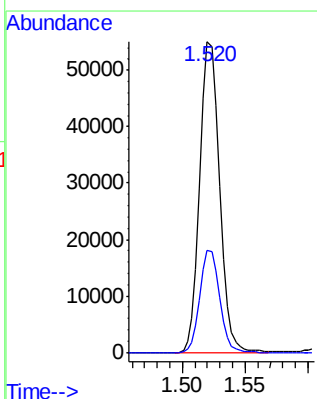
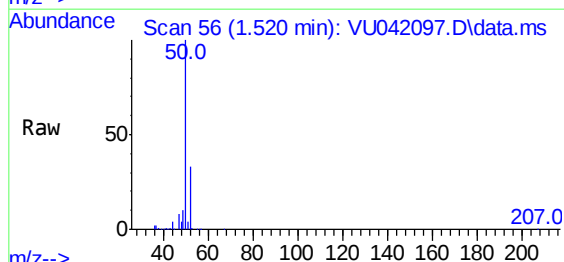
Instrument :
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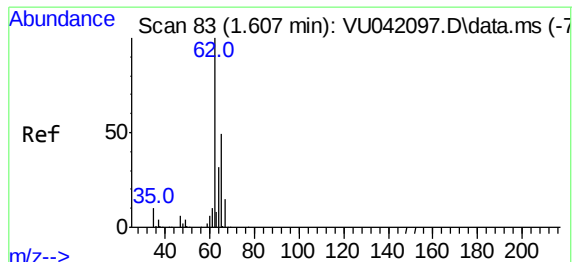
Tgt Ion: 85 Resp: 68284
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1



#3
Chloromethane
Concen: 3.97 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 50 Resp: 60417
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8

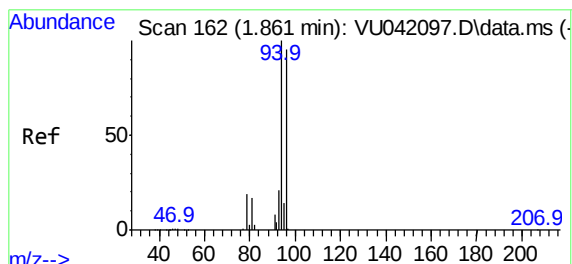
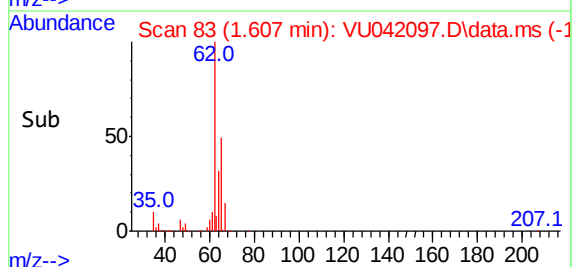
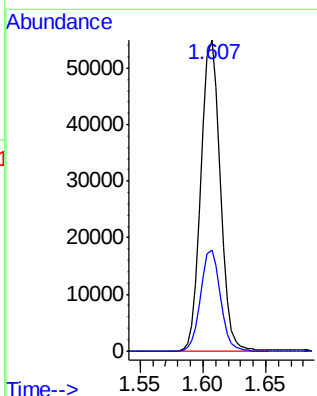
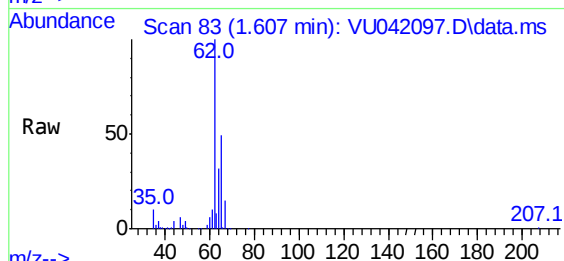




#5
 Vinyl chloride
 Concen: 3.80 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042097.D
 Acq: 20 Jan 2021 11:05

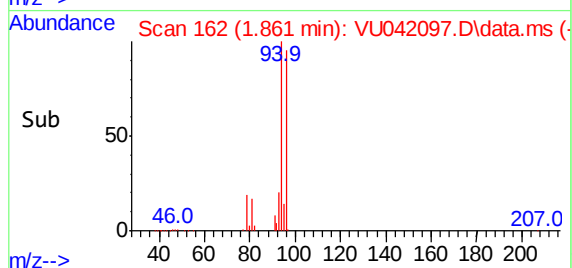
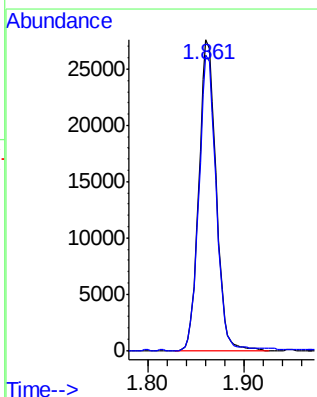
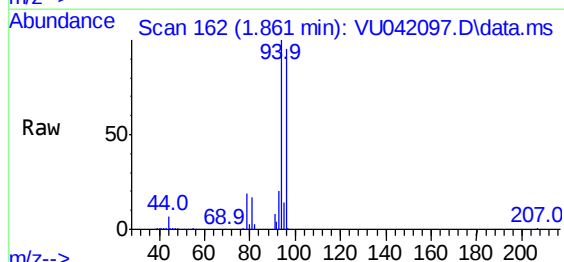
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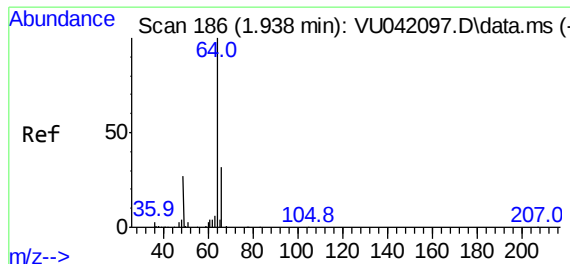
Tgt Ion: 62 Resp: 58320
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.7 42.1



#6
 Bromomethane
 Concen: 3.61 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU042097.D
 Acq: 20 Jan 2021 11:05

Tgt Ion: 94 Resp: 34159
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.5 123.5

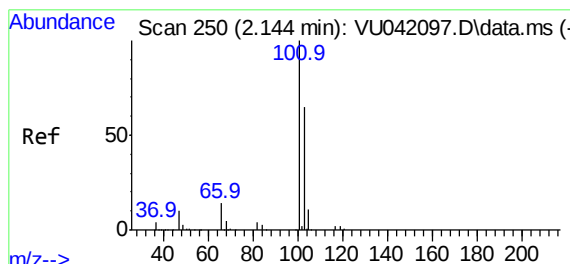
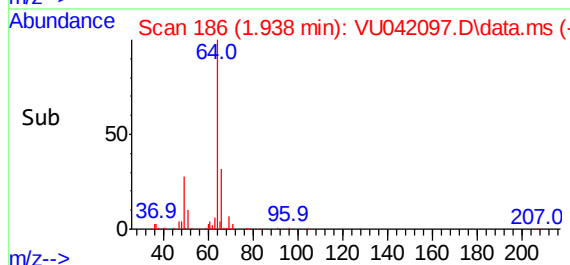
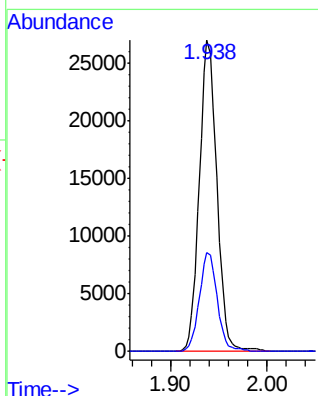
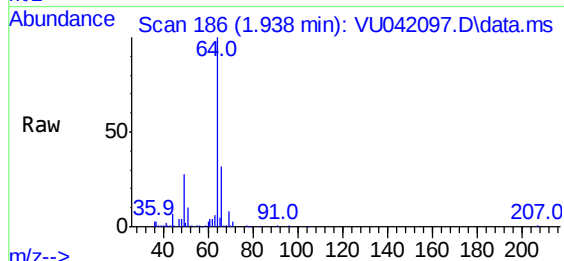




#8
Chloroethane
Concen: 3.64 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

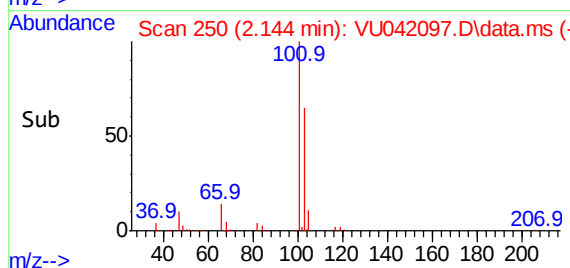
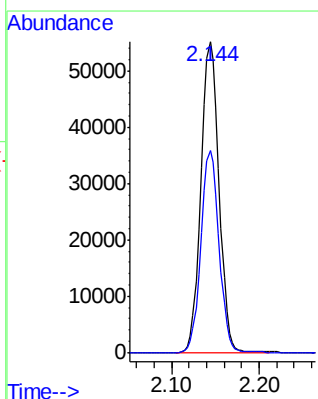
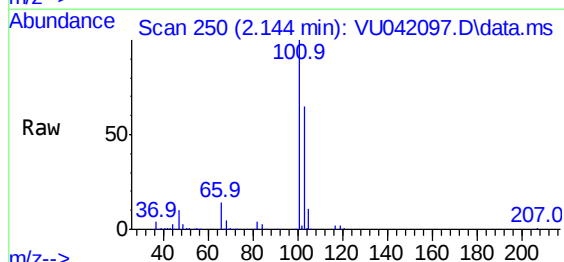
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MSVOA_U
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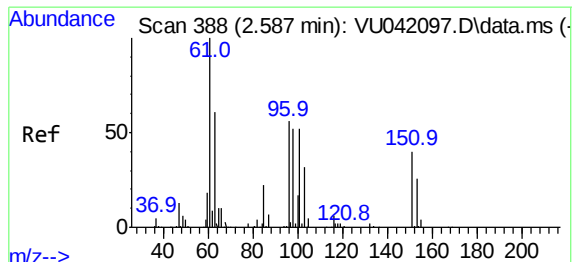
Tgt Ion: 64 Resp: 33957
Ion Ratio Lower Upper
64 100
66 31.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 4.04 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion:101 Resp: 78929
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

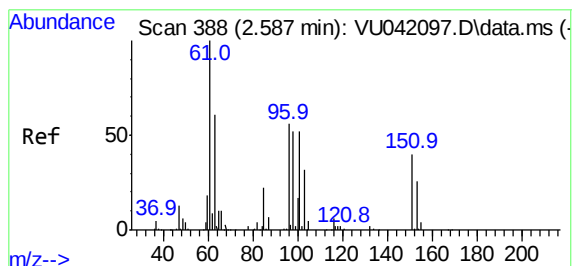
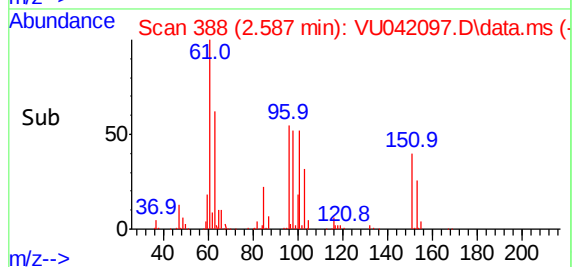
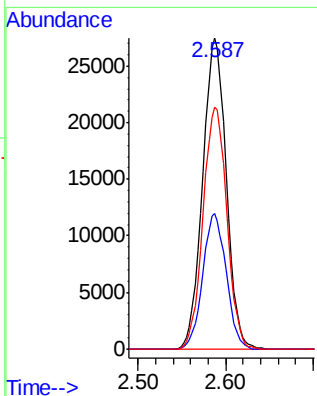
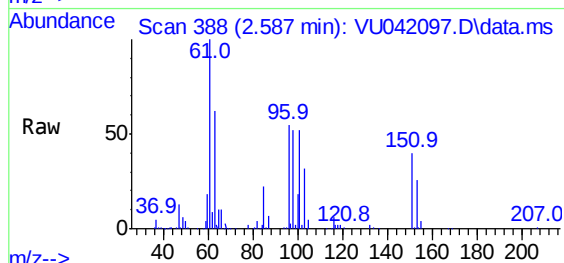




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.74 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042097.D
 Acq: 20 Jan 2021 11:05

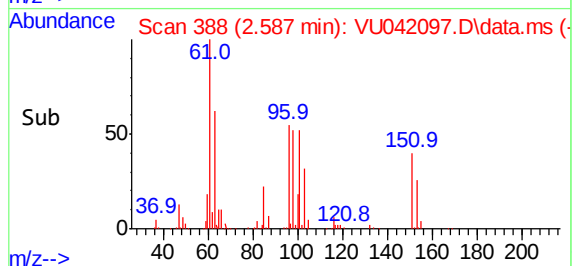
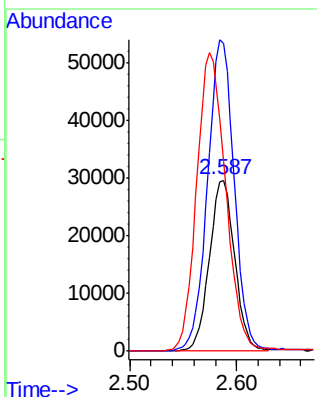
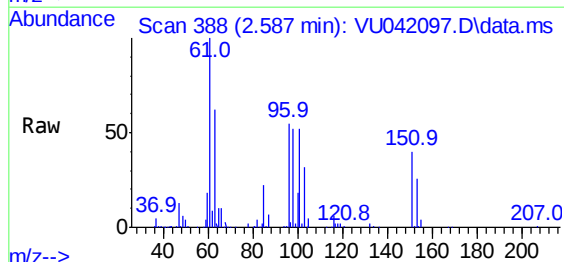
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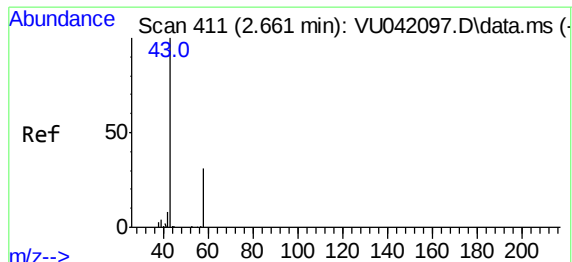
Tgt Ion:101 Resp: 51187
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 51.8
 151 78.4 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.55 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042097.D
 Acq: 20 Jan 2021 11:05

Tgt Ion: 96 Resp: 47807
 Ion Ratio Lower Upper
 96 100
 61 180.3 126.2 234.4
 63 111.1 77.8 144.4

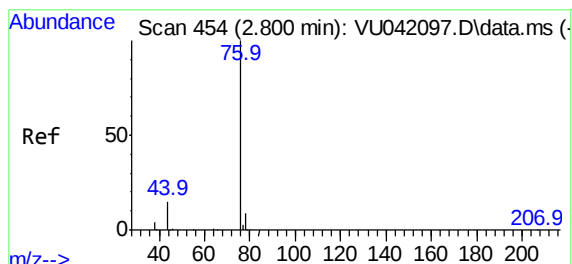
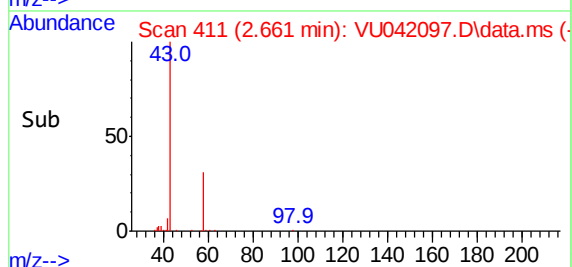
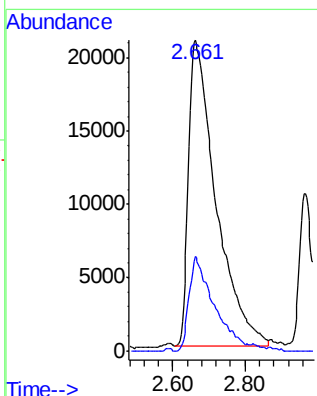
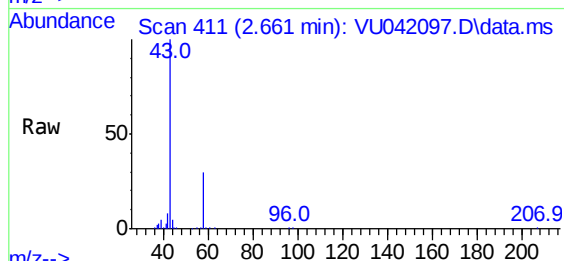




#13
Acetone
Concen: 50.45 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

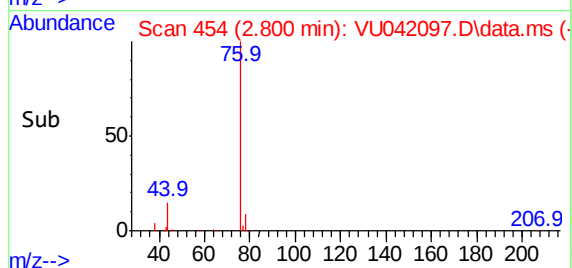
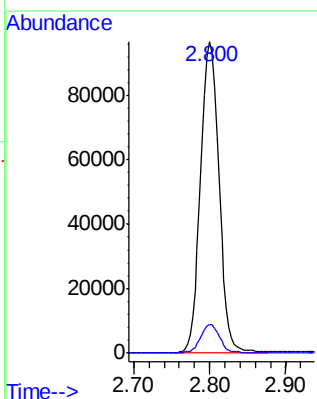
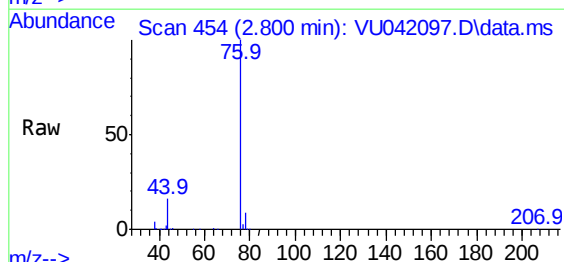
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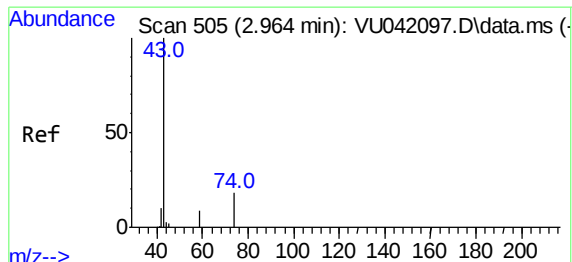
Tgt Ion: 43 Resp: 109860
Ion Ratio Lower Upper
43 100
58 27.9 0.0 55.8



#14
Carbon disulfide
Concen: 4.68 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 76 Resp: 162525
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

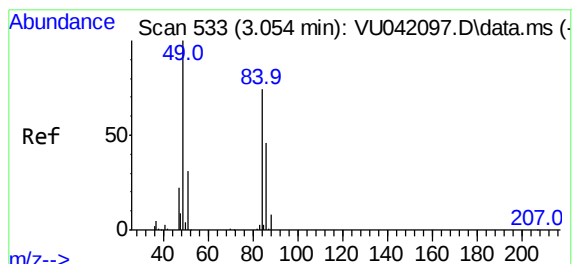
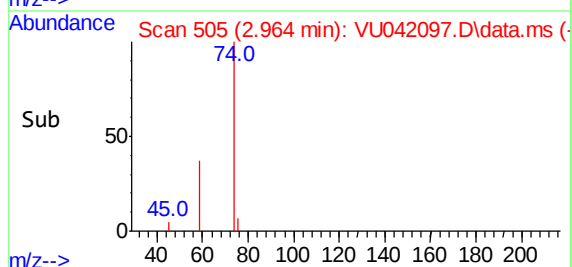
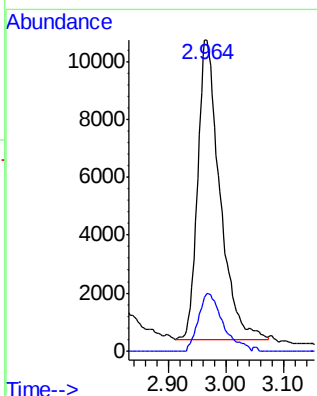
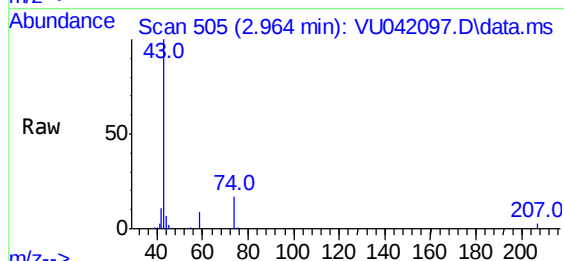




#15
Methyl Acetate
Concen: 5.12 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

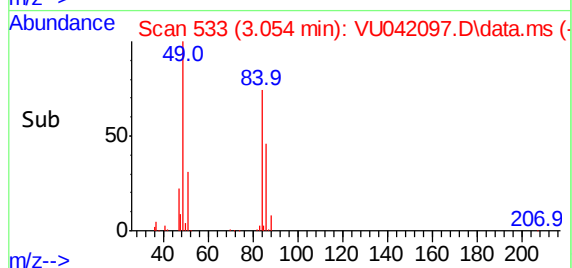
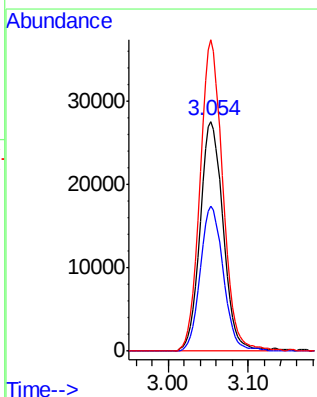
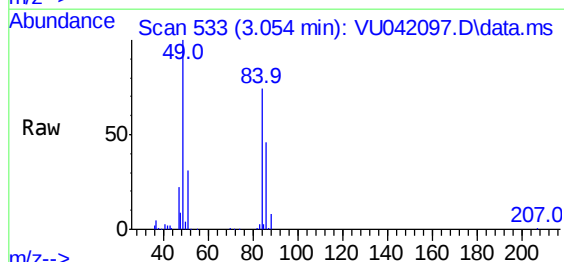
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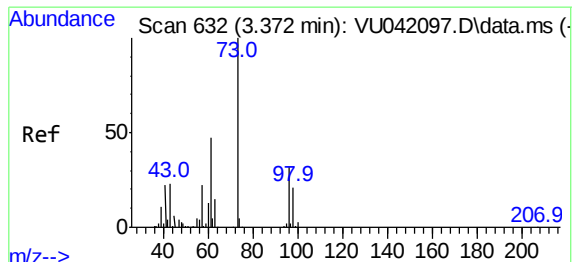
Tgt Ion: 43 Resp: 27443
Ion Ratio Lower Upper
43 100
74 21.1 16.9 25.3



#16
Methylene chloride
Concen: 4.30 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 84 Resp: 52886
Ion Ratio Lower Upper
84 100
86 63.0 44.1 81.9
49 135.7 95.0 176.4





#17

Methyl tert-butyl Ether

Concen: 5.01 ug/L

RT: 3.372 min Scan# 632

Delta R.T. 0.000 min

Lab File: VU042097.D

Acq: 20 Jan 2021 11:05

Tgt Ion: 73 Resp: 142469

Ion Ratio Lower Upper

73 100

43 23.6 18.9 28.3

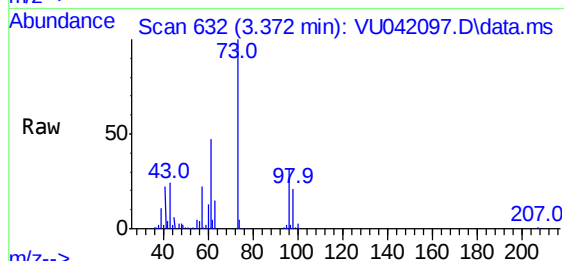
57 22.8 18.2 27.4

Instrument :

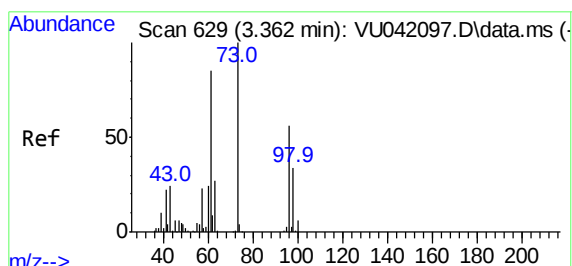
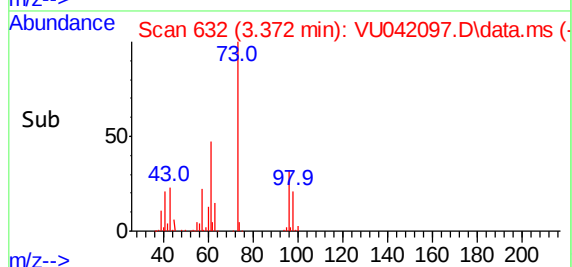
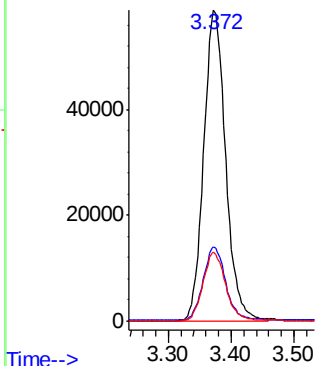
MSVOA_U

ClientSampleId :

VSTD00506



Abundance



#18

trans-1,2-Dichloroethene

Concen: 4.79 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU042097.D

Acq: 20 Jan 2021 11:05

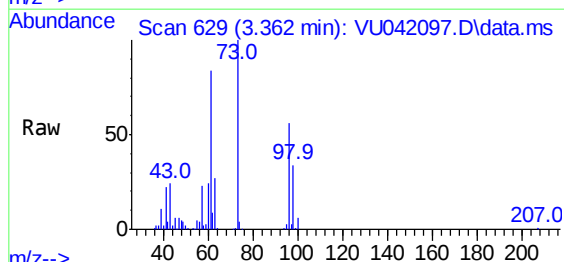
Tgt Ion: 96 Resp: 51962

Ion Ratio Lower Upper

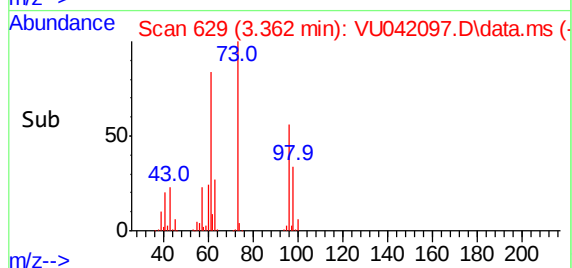
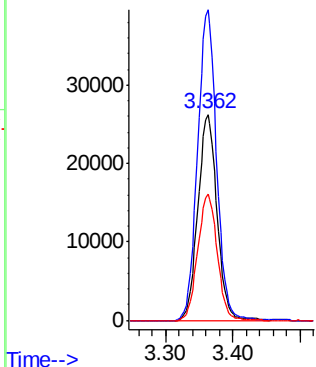
96 100

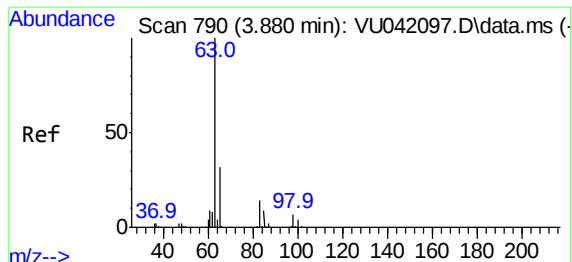
61 151.0 105.7 196.3

98 61.2 42.8 79.6



Abundance

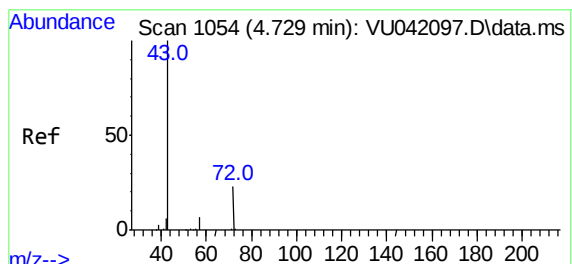
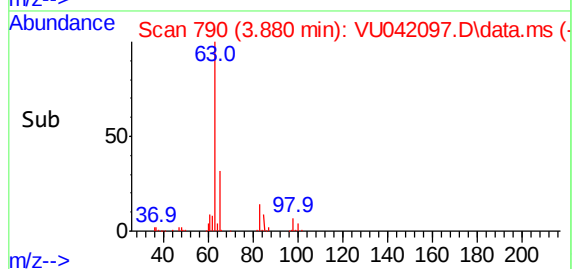
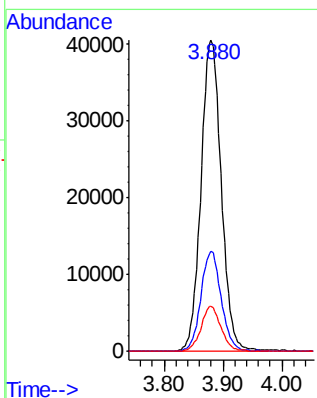
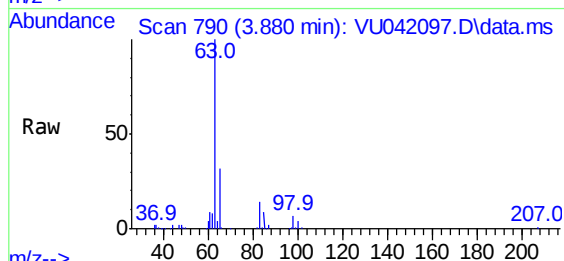




#19
1,1-Dichloroethane
Concen: 4.61 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

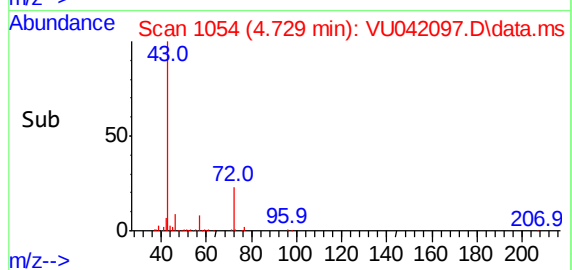
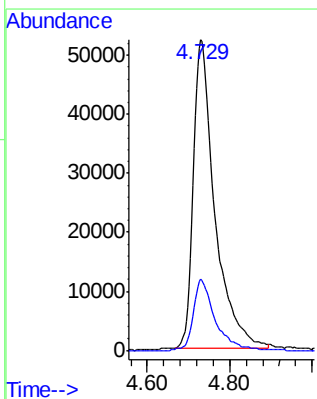
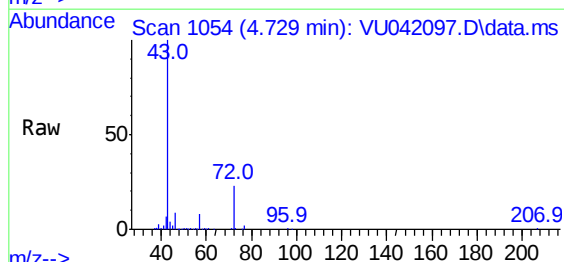
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

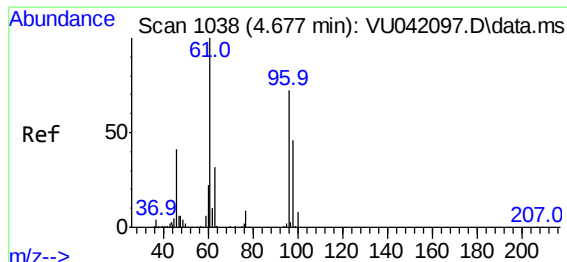
Tgt Ion:	63	Resp:	96696
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.9
83	14.4	10.1	18.7



#21
2-Butanone
Concen: 54.55 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion:	43	Resp:	192291
Ion	Ratio	Lower	Upper
43	100		
72	23.4	11.7	35.1



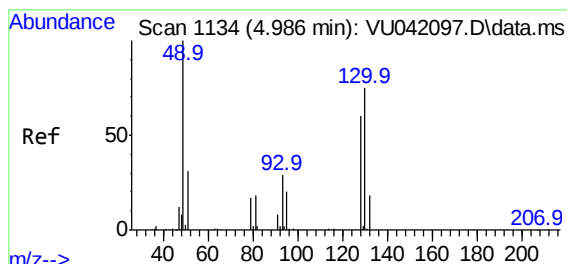
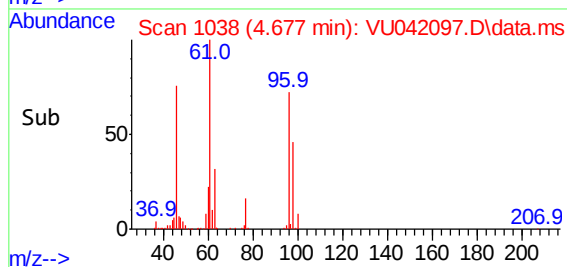
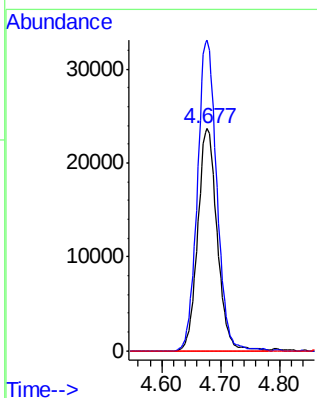
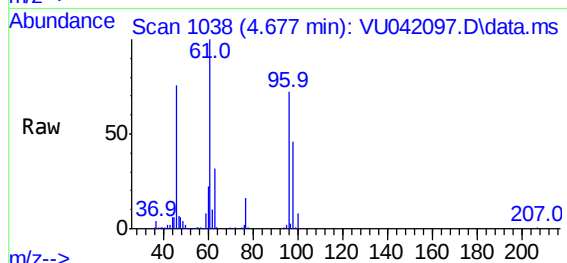


#22
cis-1,2-Dichloroethene
Concen: 4.81 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 96 Resp: 54557

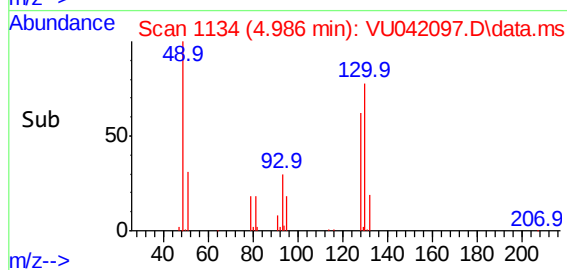
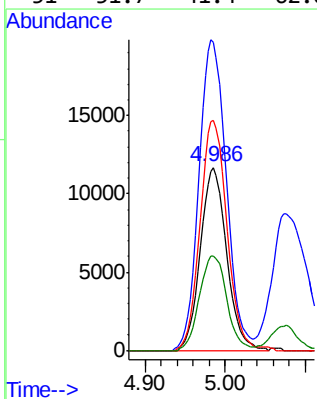
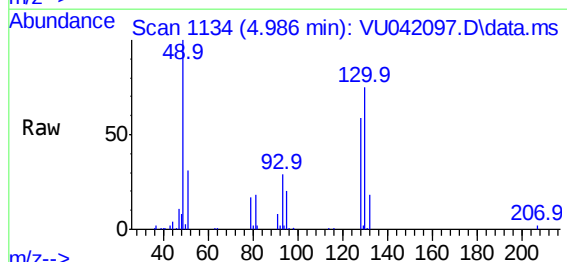
Ion	Ratio	Lower	Upper
96	100		
61	139.7	97.8	181.6
68	0.0	0.0	0.0

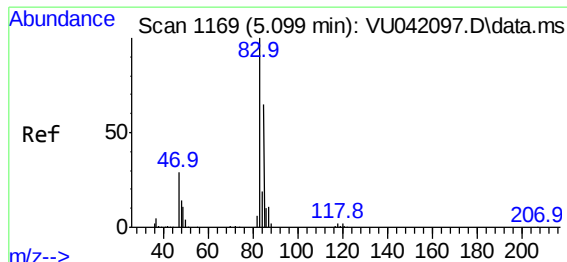


#23
Bromochloromethane
Concen: 4.92 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 128 Resp: 25769

Ion	Ratio	Lower	Upper
128	100		
49	168.2	117.7	218.7
130	125.6	87.9	163.3
51	51.7	41.4	62.0

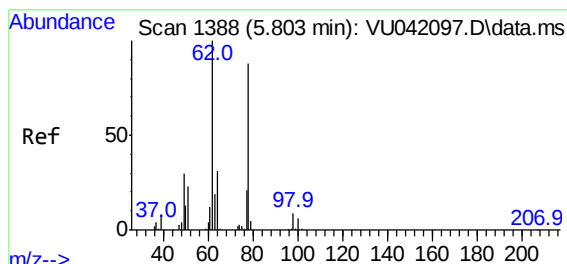
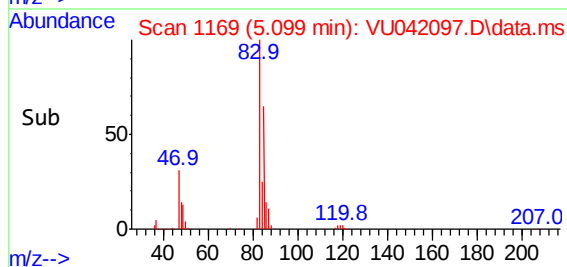
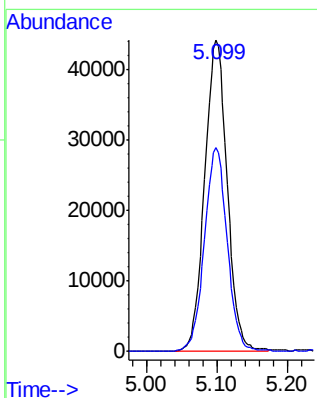
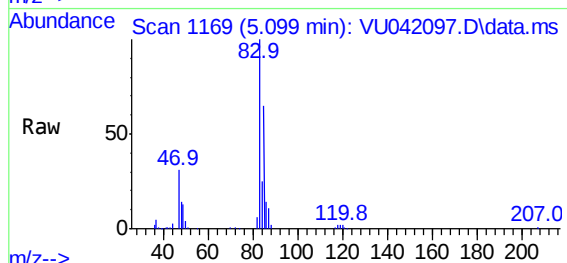




#25
Chloroform
Concen: 4.65 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

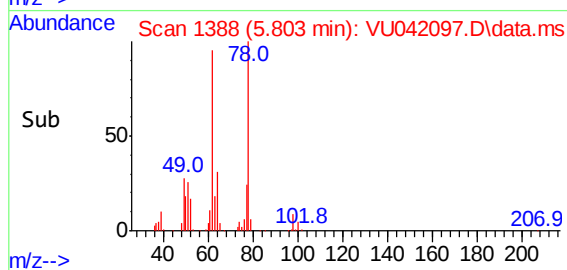
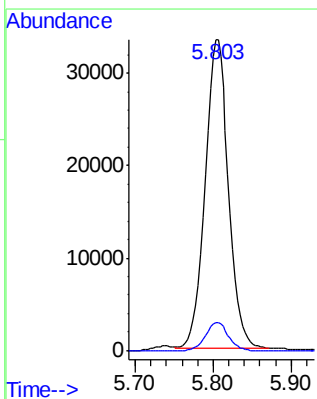
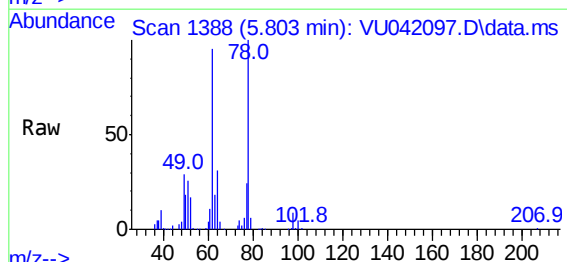
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

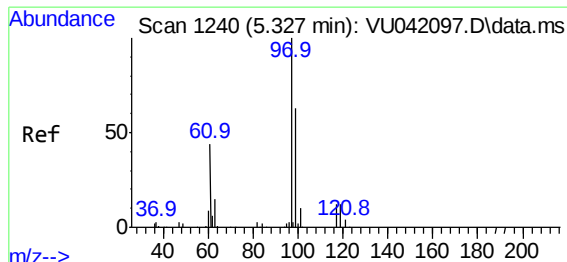
Tgt Ion: 83 Resp: 97609
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.04 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 62 Resp: 69580
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9

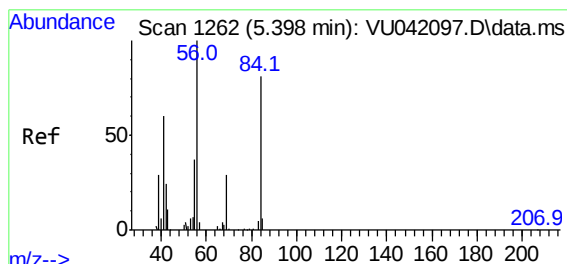
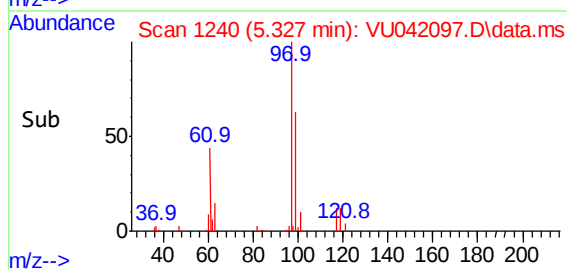
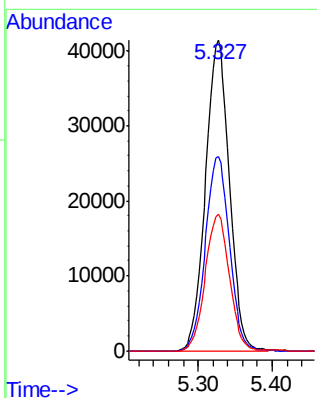
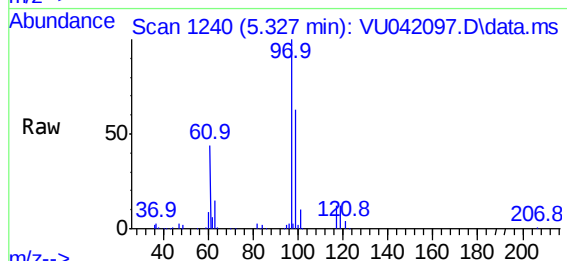




#29
1,1,1-Trichloroethane
Concen: 4.86 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

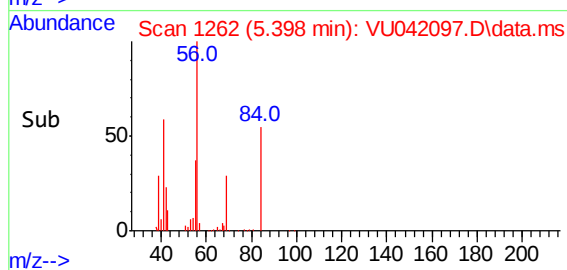
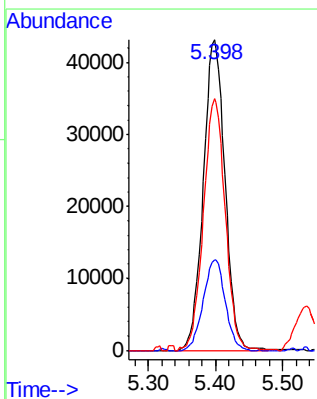
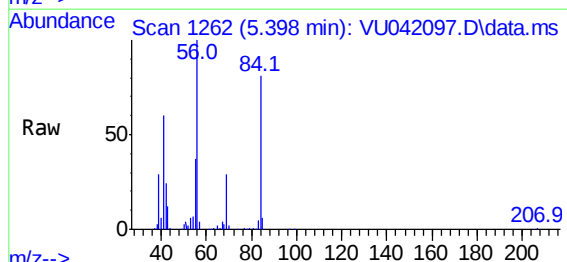
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

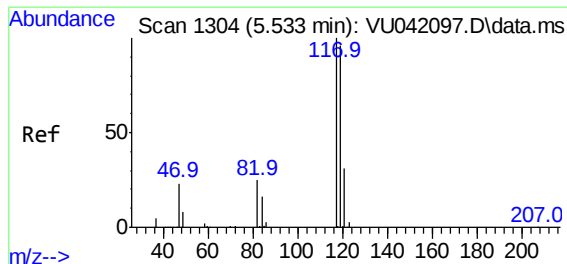
Tgt Ion: 97 Resp: 92718
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 44.7 35.8 53.6



#30
Cyclohexane
Concen: 5.00 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 56 Resp: 97097
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 81.6 65.3 97.9

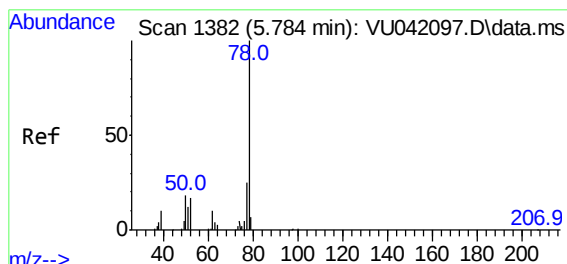
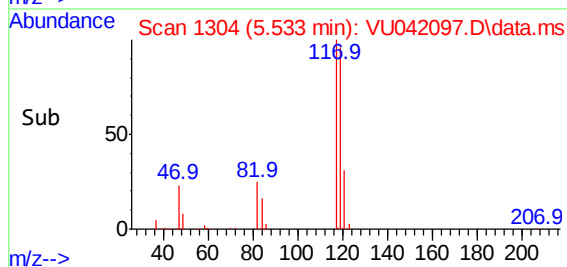
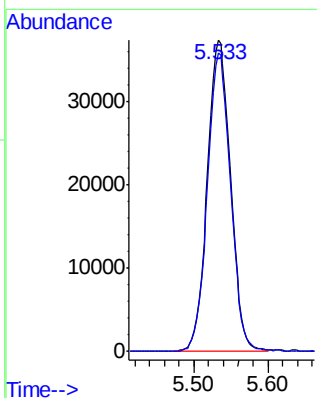
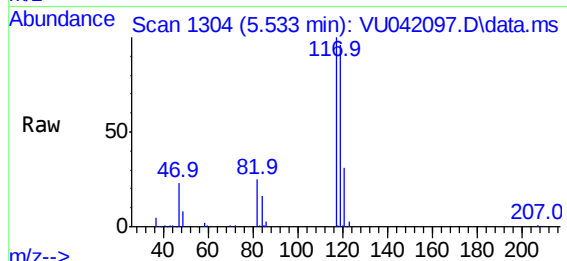




#31
Carbon tetrachloride
Concen: 4.95 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

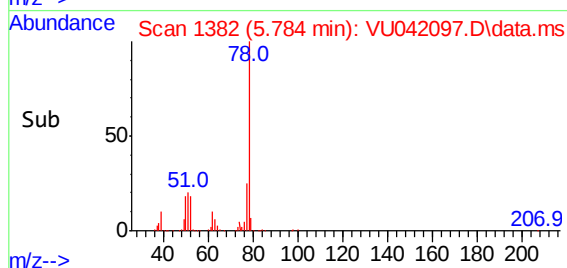
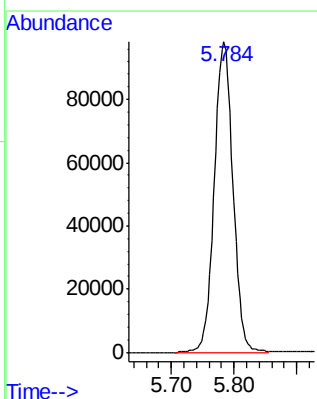
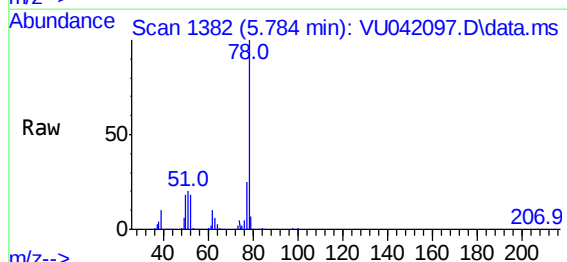
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

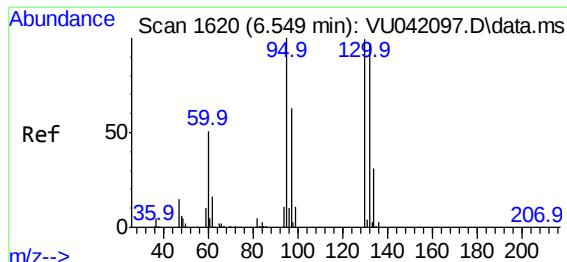
Tgt Ion:117 Resp: 81232
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 4.29 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 78 Resp: 203676





#34

Trichloroethene

Concen: 4.67 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU042097.D

Acq: 20 Jan 2021 11:05

Tgt Ion: 95 Resp: 55920

Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 97.2 68.0 126.4

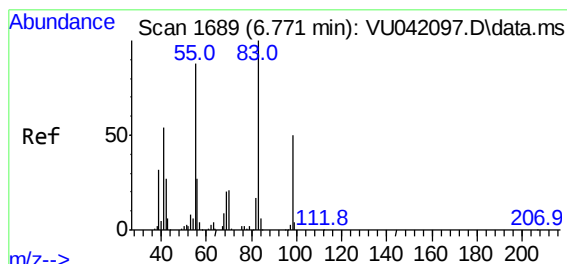
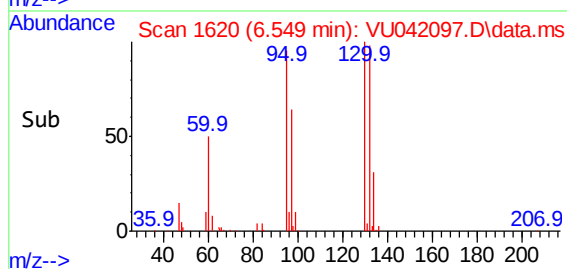
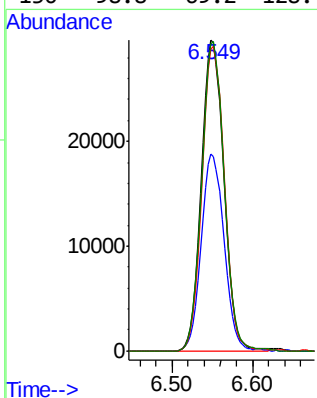
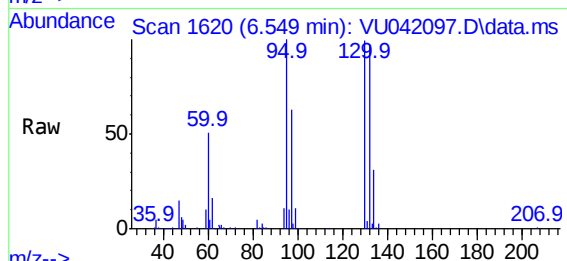
130 98.8 69.2 128.4

Instrument :

MSVOA_U

ClientSampleId :

VSTD00506



#35

Methylcyclohexane

Concen: 4.78 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU042097.D

Acq: 20 Jan 2021 11:05

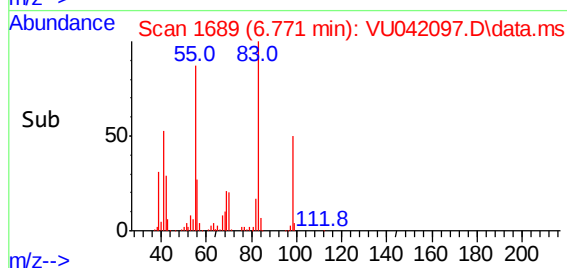
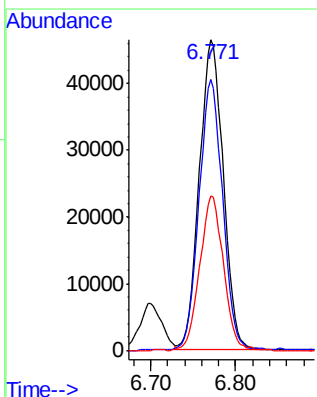
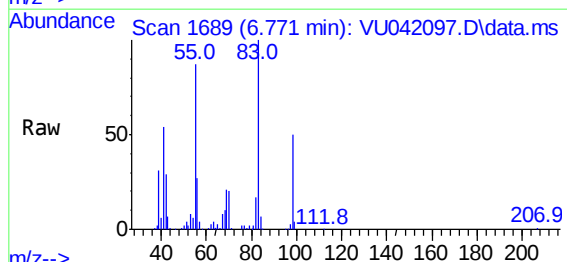
Tgt Ion: 83 Resp: 90764

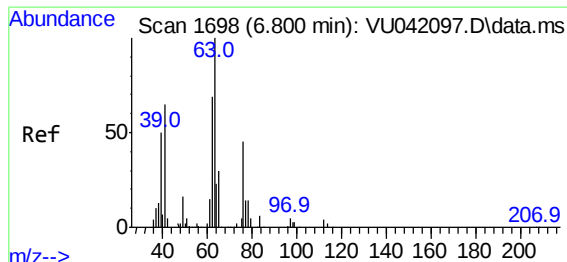
Ion Ratio Lower Upper

83 100

55 85.3 68.2 102.4

98 49.6 39.7 59.5

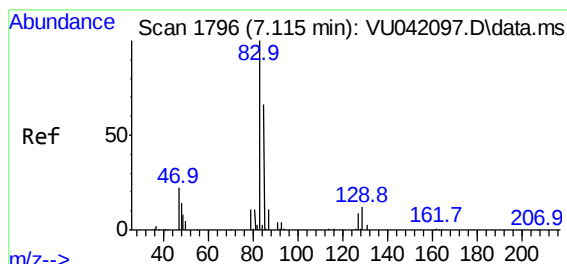
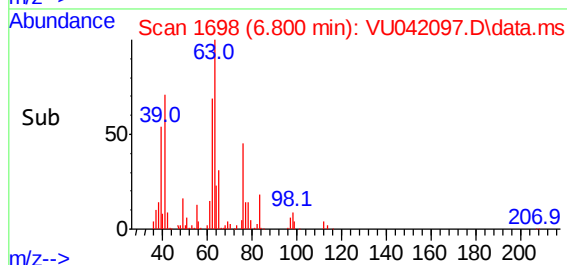
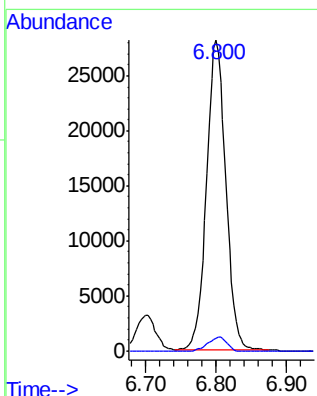
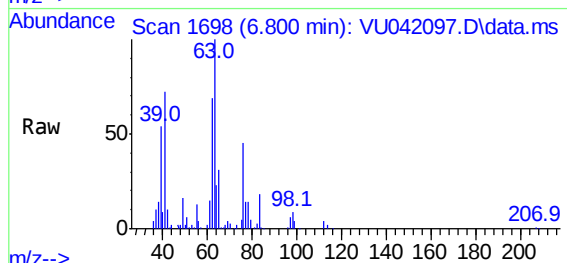




#37
1,2-Dichloropropane
Concen: 4.44 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

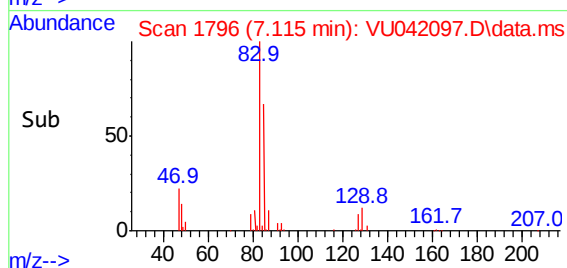
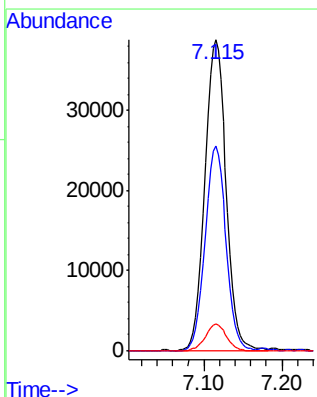
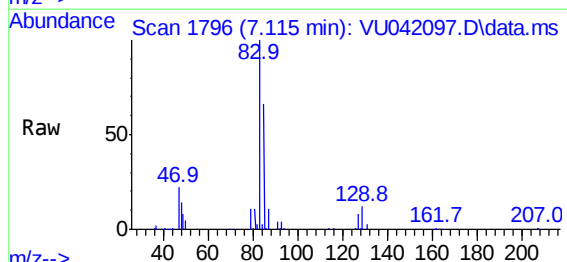
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

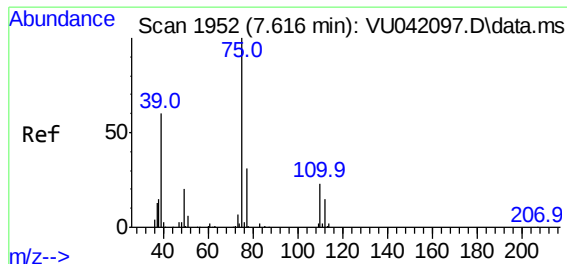
Tgt Ion: 63 Resp: 53884
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 4.61 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 83 Resp: 74007
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4
127 8.5 6.8 10.2



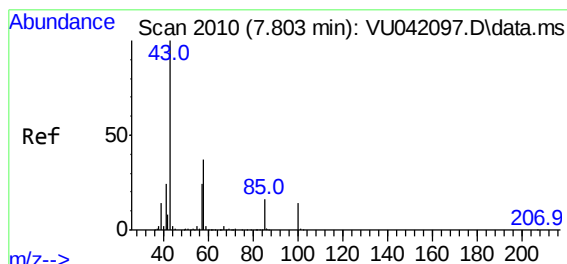
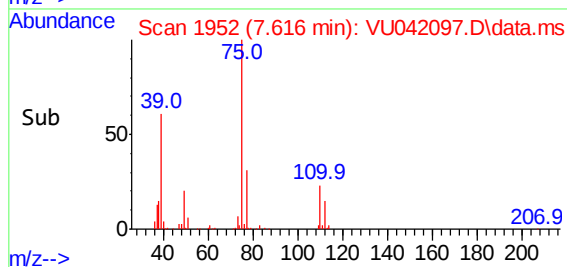
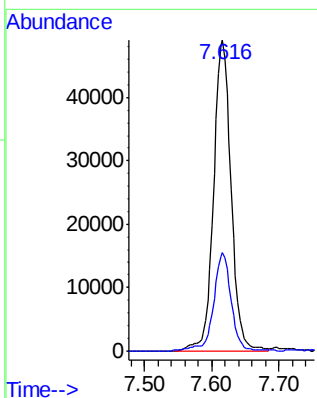
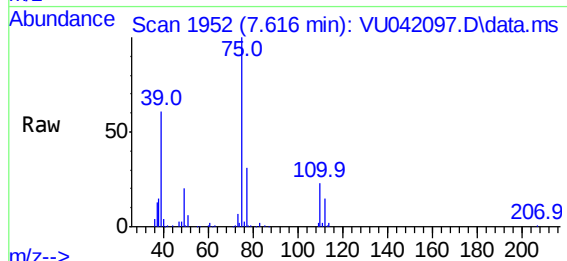


#39
 cis-1,3-Dichloropropene
 Concen: 4.82 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042097.D
 Acq: 20 Jan 2021 11:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Tgt Ion: 75 Resp: 89373

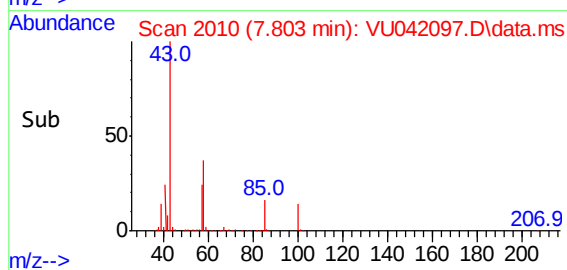
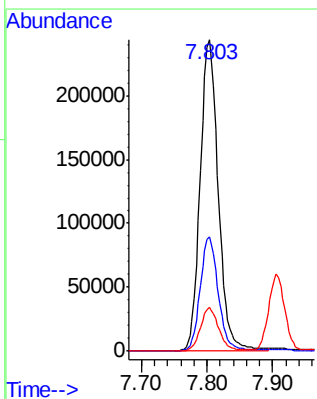
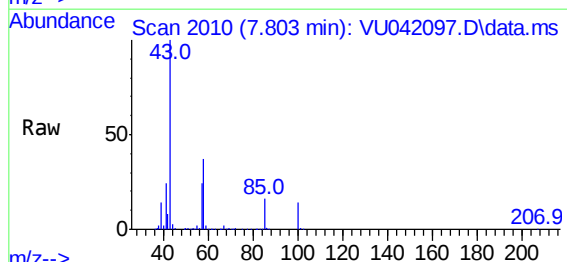
Ion	Ratio	Lower	Upper
75	100		
77	31.4	22.0	40.8

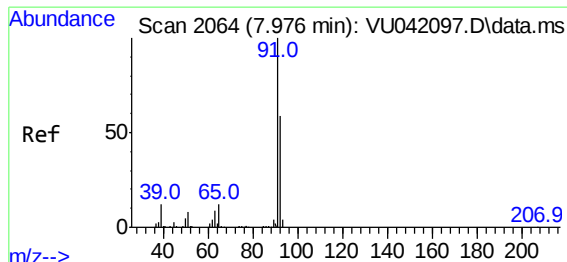


#40
 4-Methyl-2-pentanone
 Concen: 51.85 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: VU042097.D
 Acq: 20 Jan 2021 11:05

Tgt Ion: 43 Resp: 462223

Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.1	43.7
100	13.7	11.0	16.4





#42

Toluene

Concen: 4.47 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU042097.D

Acq: 20 Jan 2021 11:05

Instrument :

MSVOA_U

ClientSampleId :

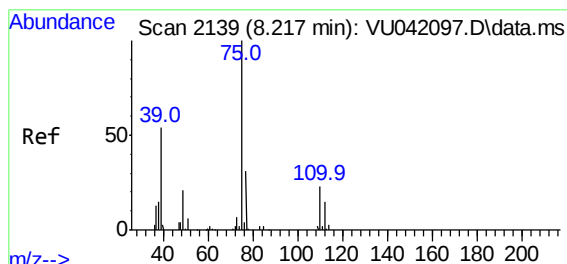
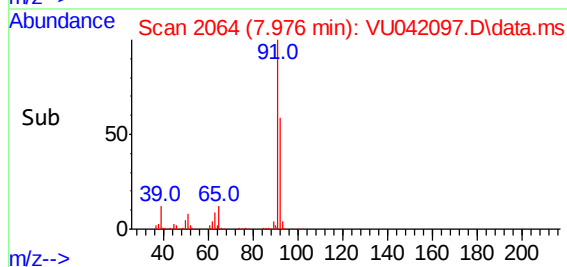
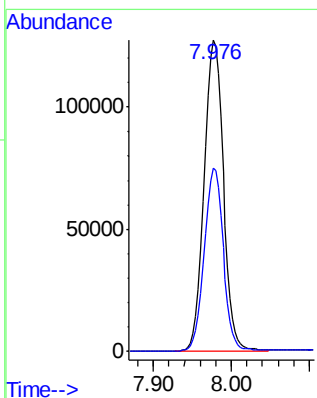
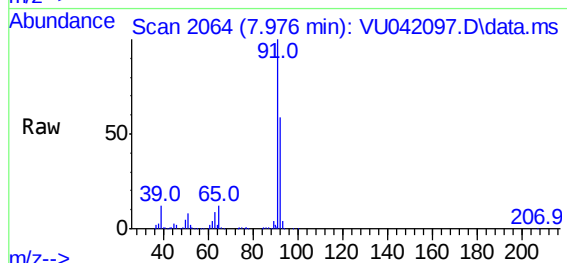
VSTD00506

Tgt Ion: 91 Resp: 220690

Ion Ratio Lower Upper

91 100

92 58.9 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 4.95 ug/L

RT: 8.217 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU042097.D

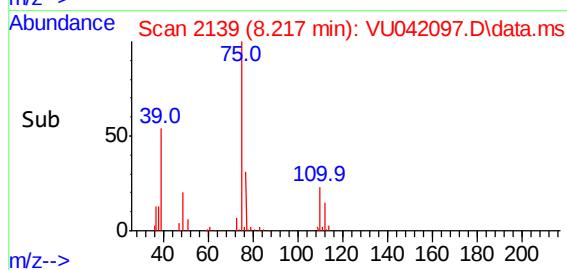
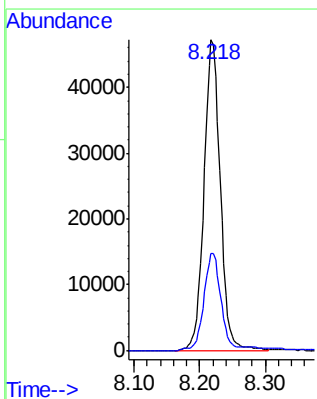
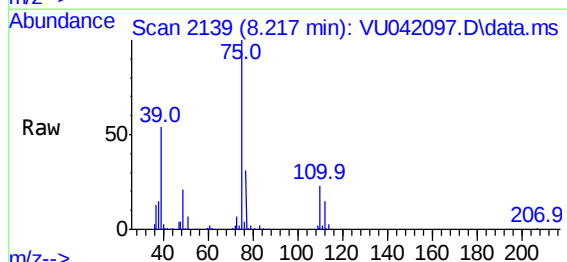
Acq: 20 Jan 2021 11:05

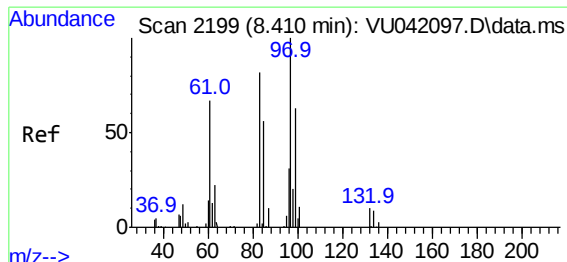
Tgt Ion: 75 Resp: 80820

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



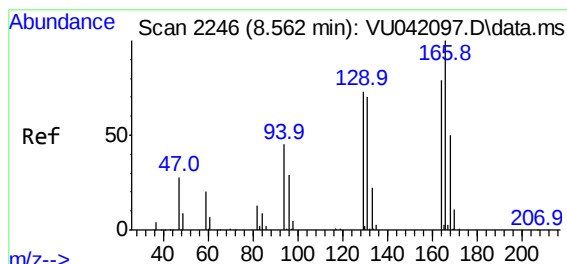
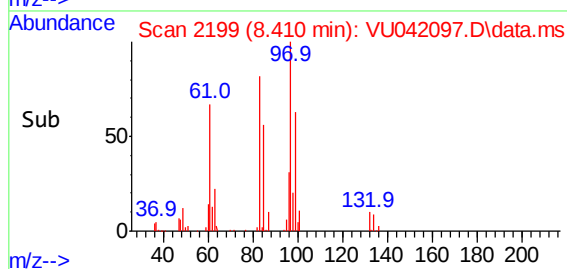
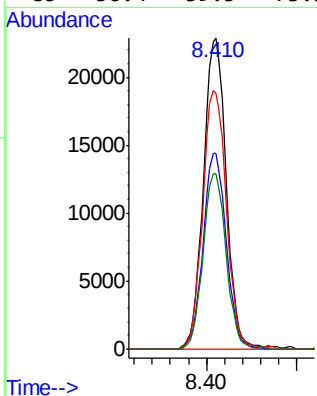
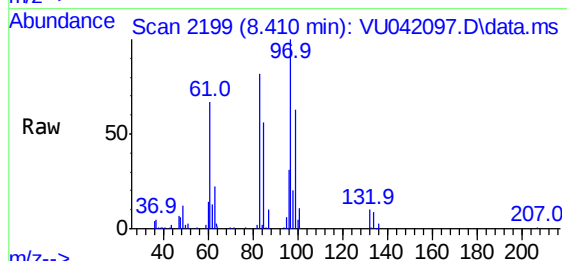


#45
1,1,2-Trichloroethane
Concen: 4.53 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 97 Resp: 39652

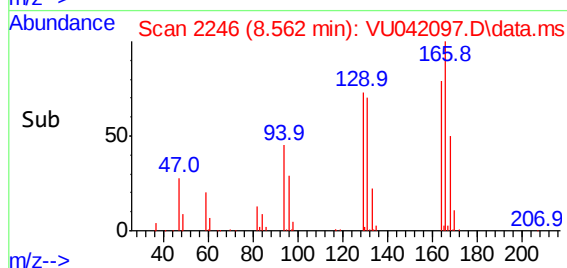
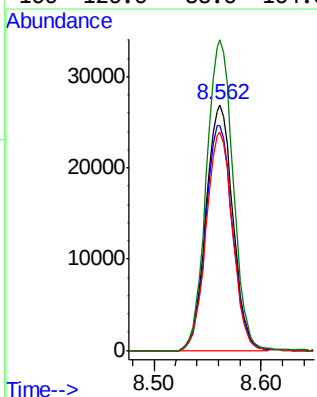
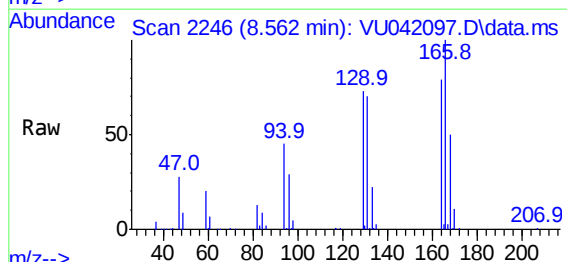
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.0	81.8
83	82.3	57.6	107.0
85	56.4	39.5	73.3

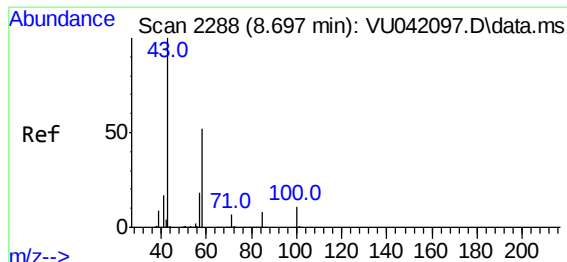


#47
Tetrachloroethene
Concen: 5.69 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 164 Resp: 46480

Ion	Ratio	Lower	Upper
164	100		
129	91.9	64.3	119.5
131	88.9	62.2	115.6
166	126.6	88.6	164.6



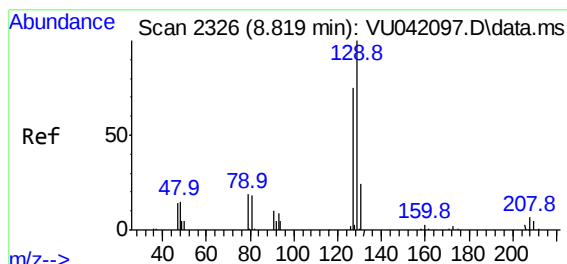
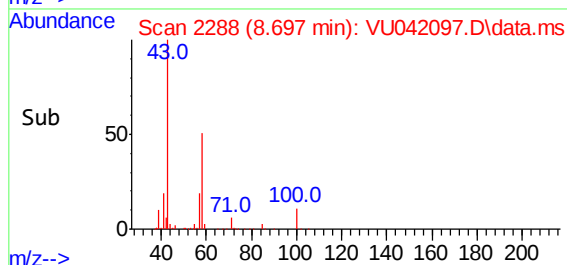
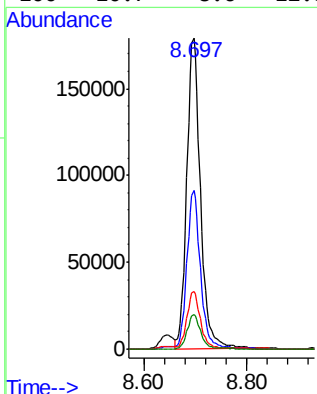
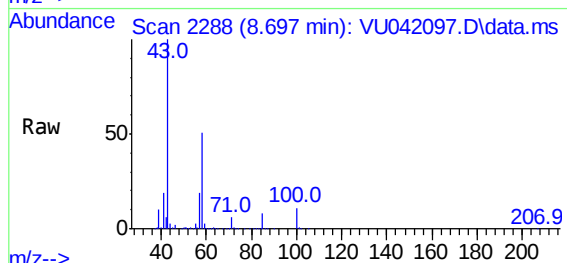


#48
2-Hexanone
Concen: 54.26 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 43 Resp: 329835

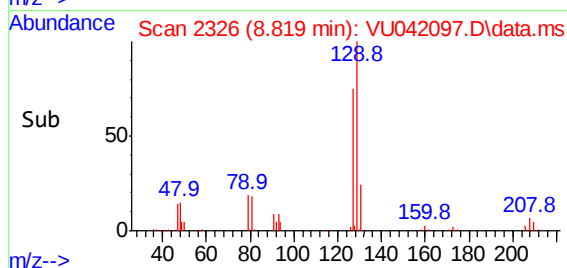
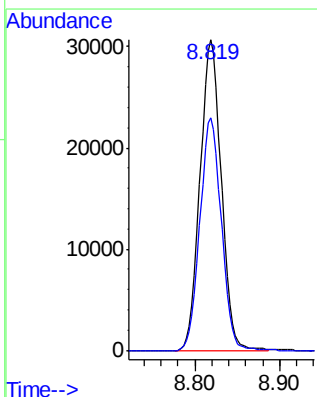
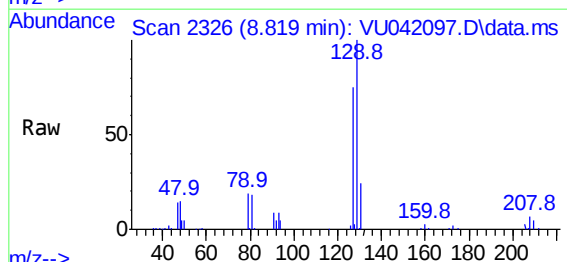
Ion	Ratio	Lower	Upper
43	100		
58	50.8	40.6	61.0
57	18.6	14.9	22.3
100	10.7	8.6	12.8

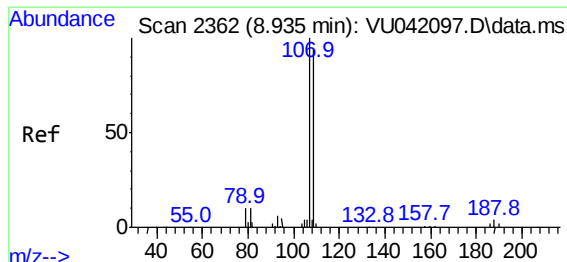


#49
Dibromochloromethane
Concen: 5.35 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 129 Resp: 53118

Ion	Ratio	Lower	Upper
129	100		
127	74.7	52.3	97.1

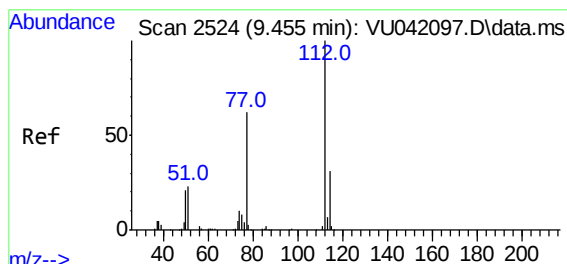
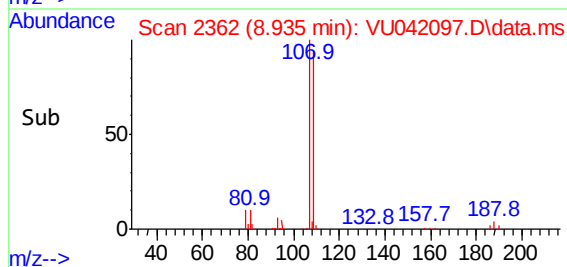
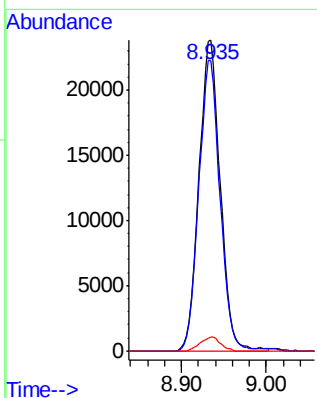
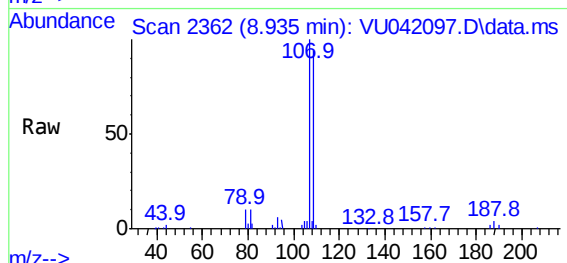




#50
1,2-Dibromoethane
Concen: 5.00 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

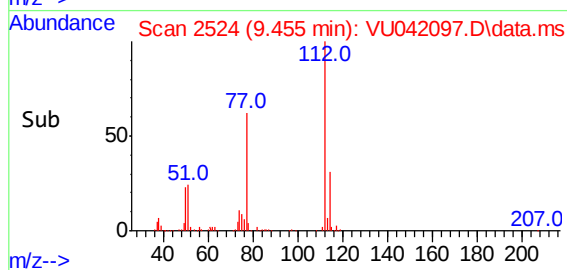
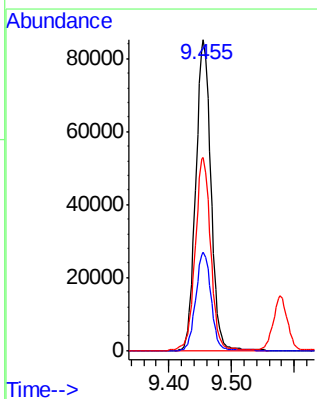
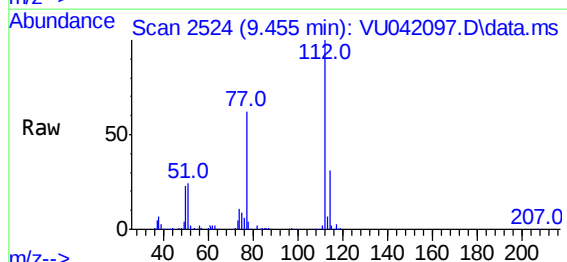
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

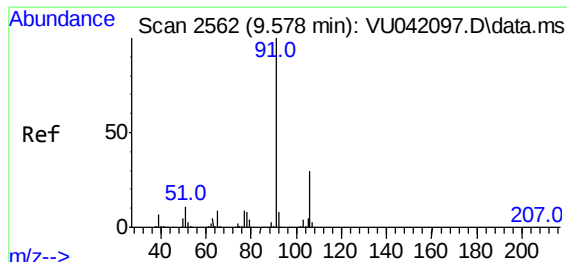
Tgt Ion:107 Resp: 41105
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.6
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 4.95 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion:112 Resp: 140915
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 62.2 49.8 74.6

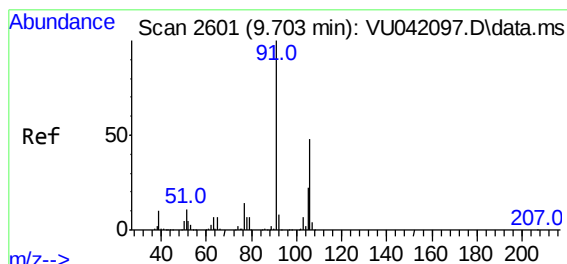
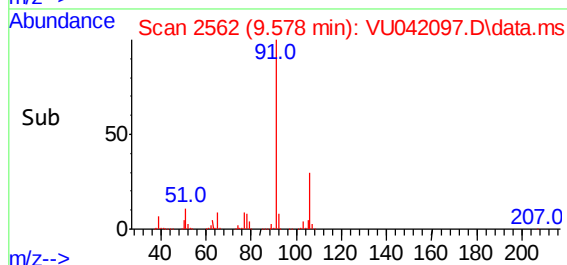
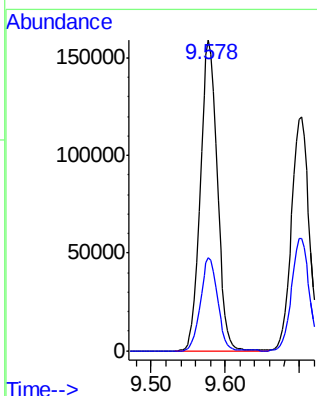
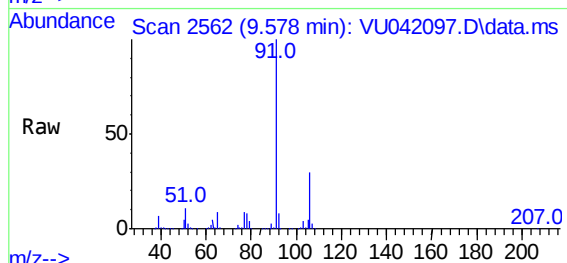




#52
Ethylbenzene
Concen: 5.12 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

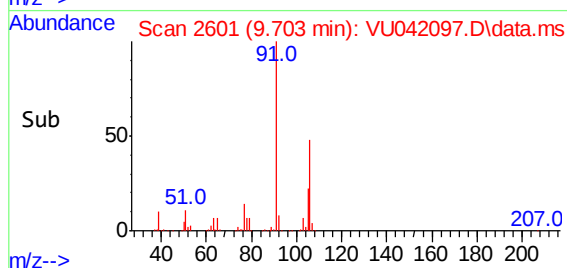
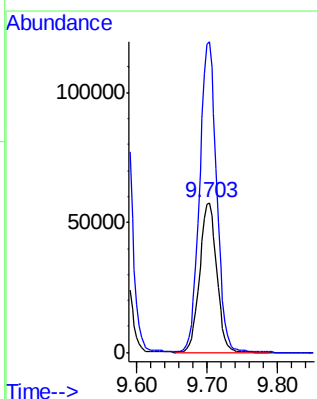
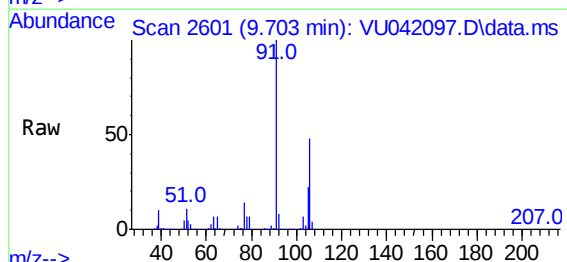
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

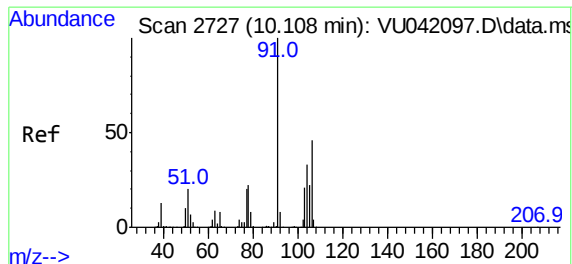
Tgt Ion: 91 Resp: 253115
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.3



#53
m,p-Xylene
Concen: 5.35 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 106 Resp: 95936
Ion Ratio Lower Upper
106 100
91 207.3 145.1 269.5

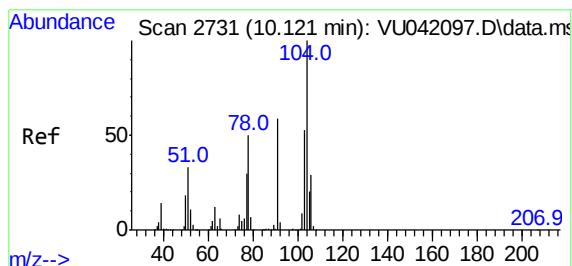
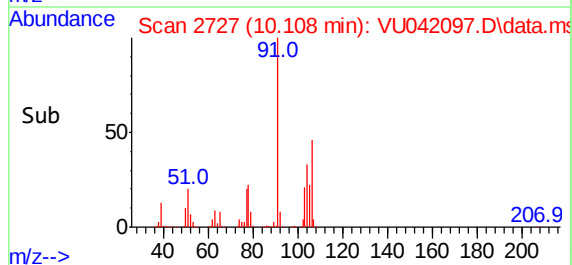
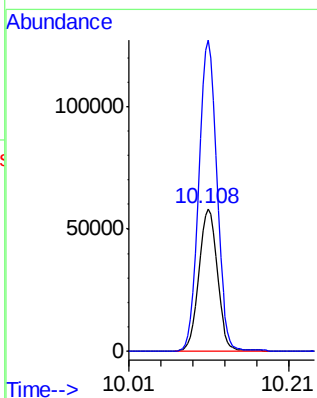
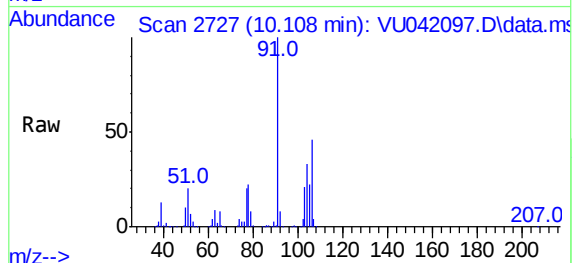




#54
o-Xylene
Concen: 5.41 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

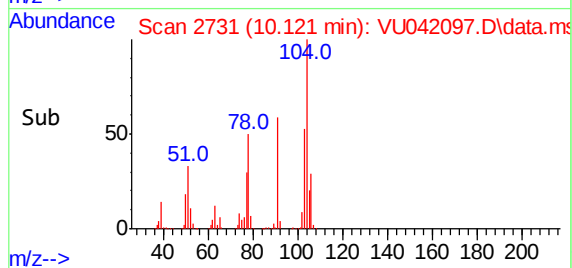
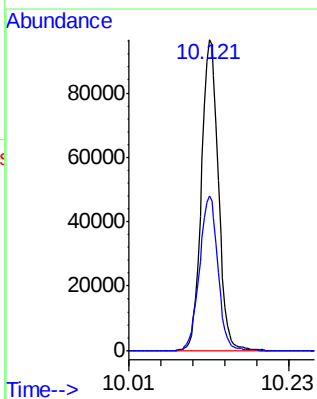
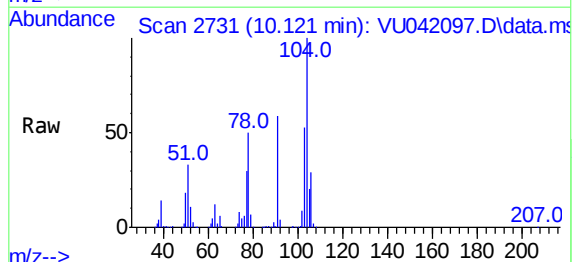
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

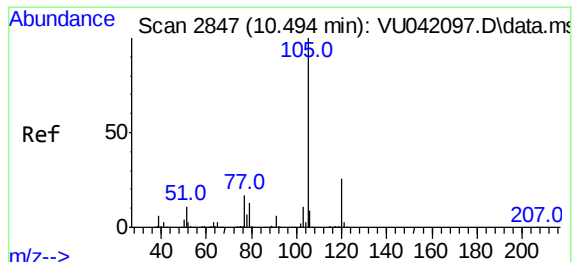
Tgt Ion:106 Resp: 94339
Ion Ratio Lower Upper
106 100
91 218.6 153.0 284.2



#55
Styrene
Concen: 5.33 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion:104 Resp: 159041
Ion Ratio Lower Upper
104 100
78 49.8 34.9 64.7

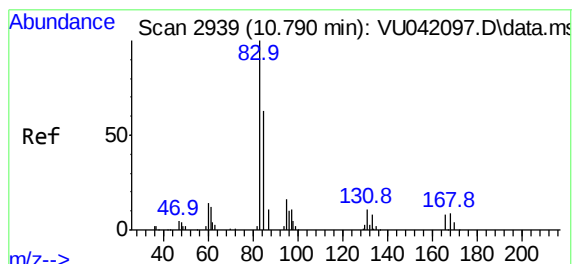
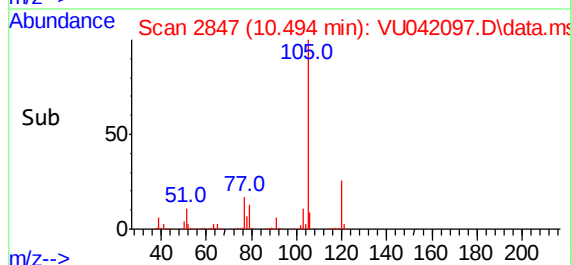
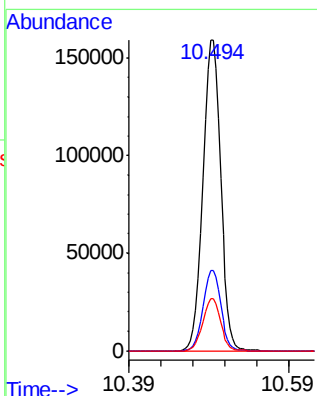
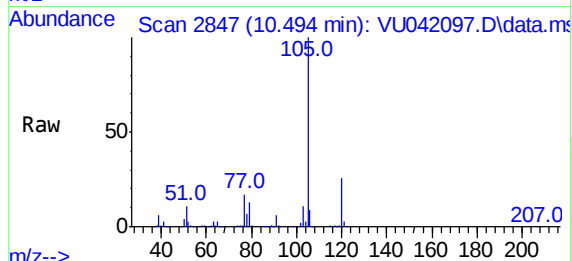




#56
Isopropylbenzene
Concen: 5.41 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

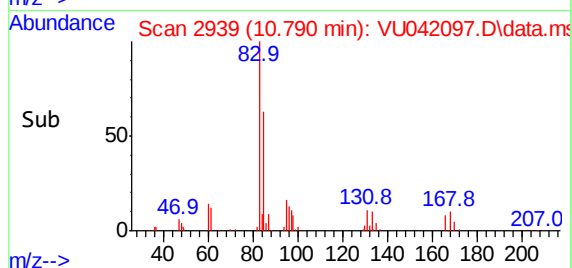
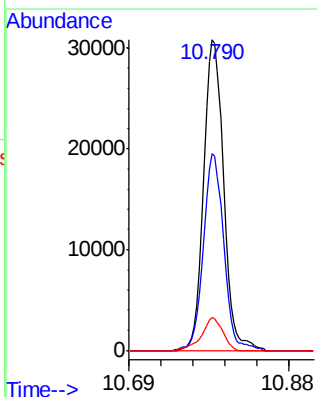
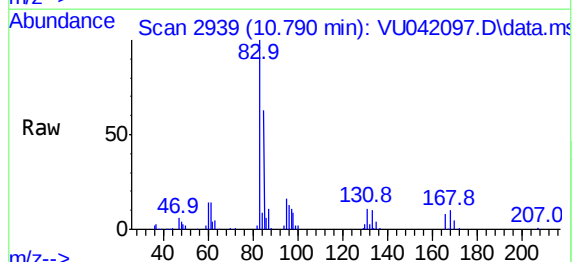
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

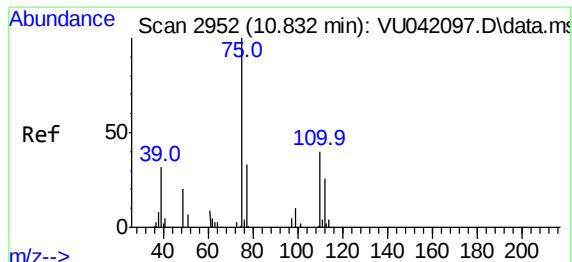
Tgt Ion:105 Resp: 252012
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 16.7 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.74 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 83 Resp: 51209
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.4
131 10.7 8.6 12.8

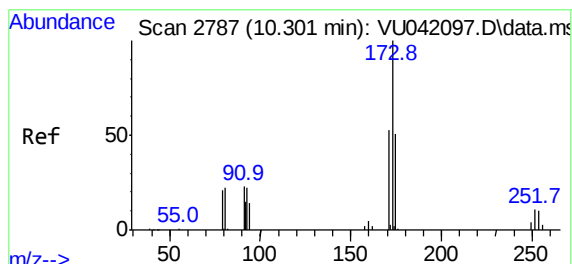
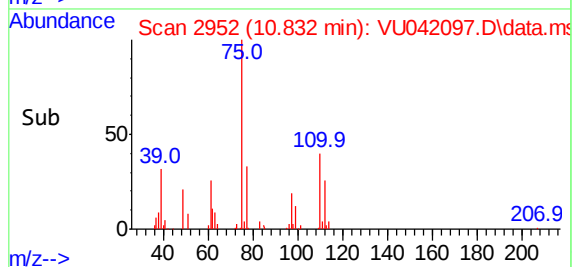
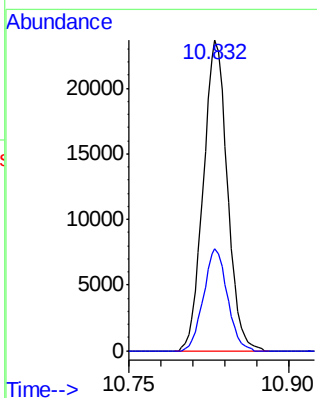
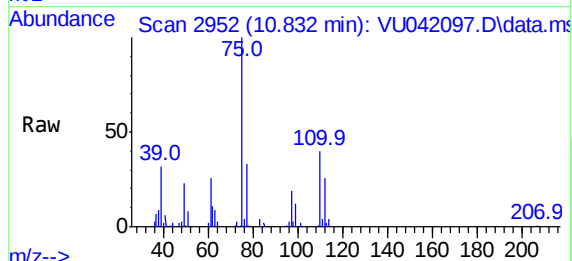




#59
1,2,3-Trichloropropane
Concen: 4.64 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

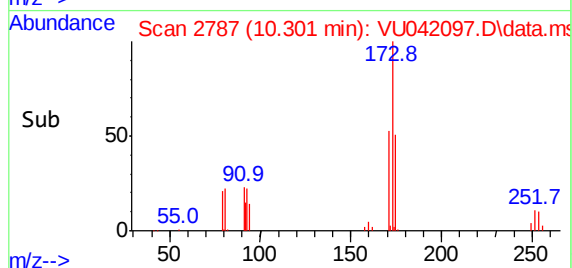
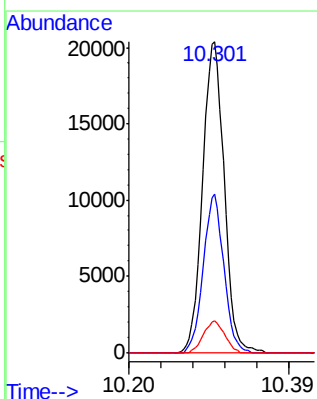
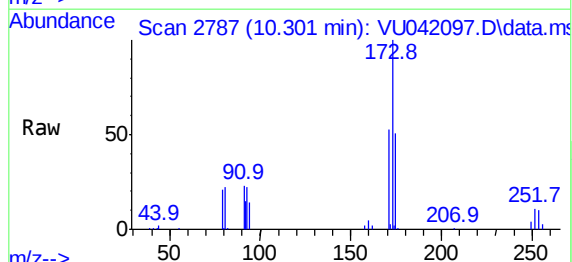
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

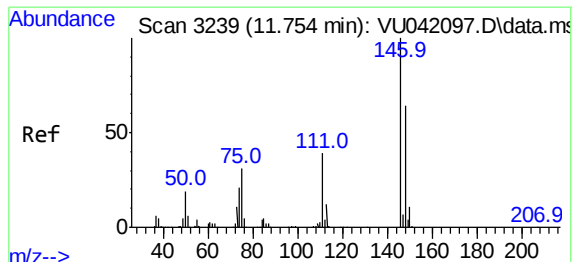
Tgt Ion: 75 Resp: 38153
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0



#61
Bromoform
Concen: 5.43 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion:173 Resp: 34716
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 9.9 7.9 11.9

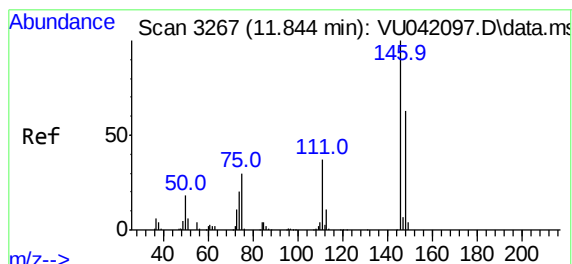
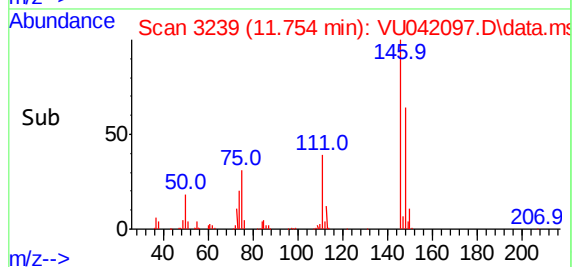
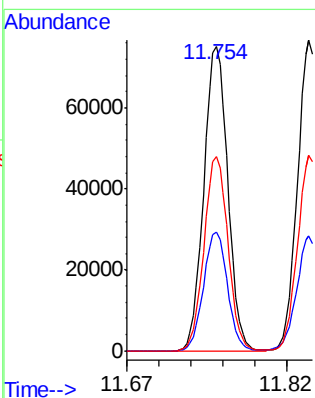
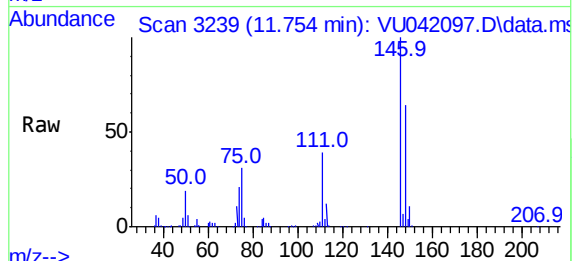




#62
1,3-Dichlorobenzene
Concen: 5.08 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

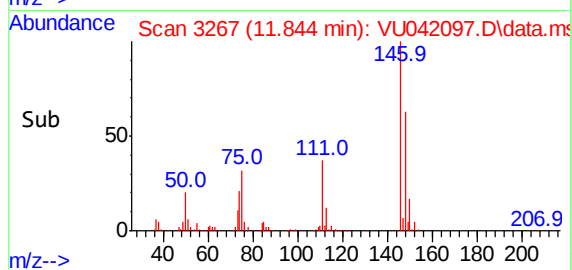
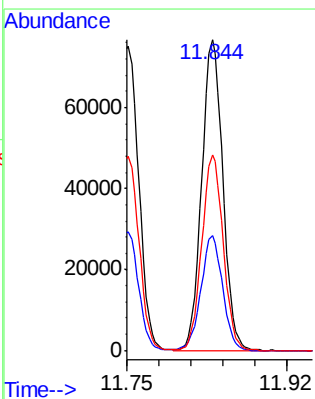
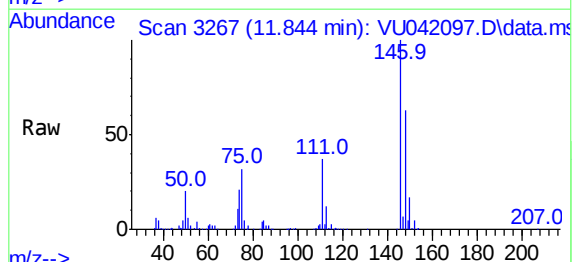
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

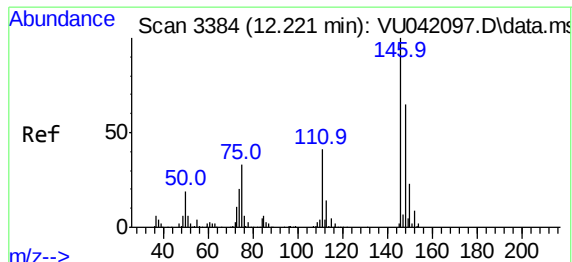
Tgt Ion:146 Resp: 121376
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.4
148 63.7 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.04 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion:146 Resp: 121097
Ion Ratio Lower Upper
146 100
111 36.8 25.8 47.8
148 63.0 44.1 81.9

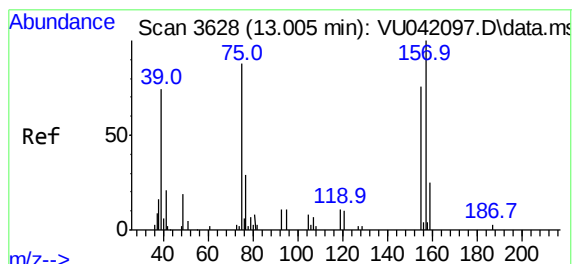
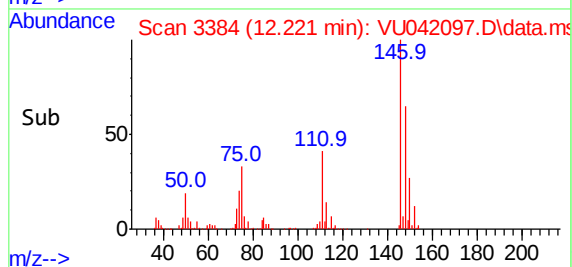
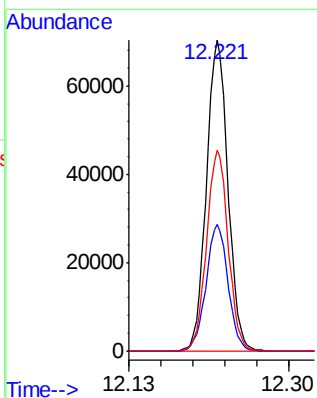
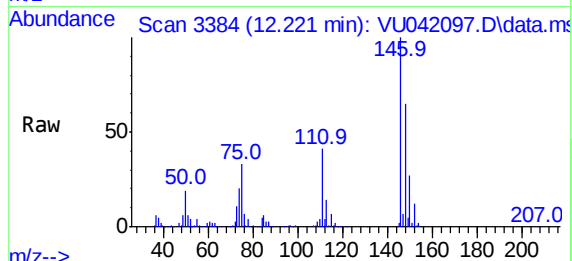




#65
1,2-Dichlorobenzene
Concen: 4.80 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

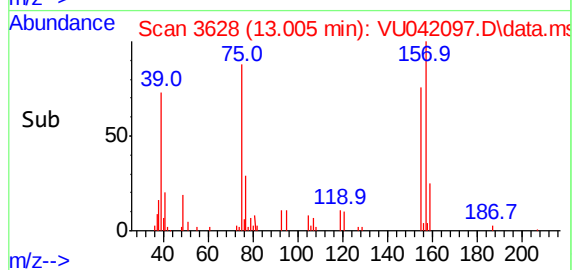
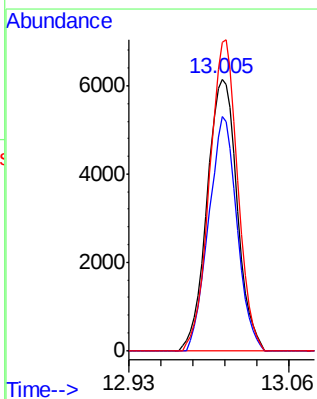
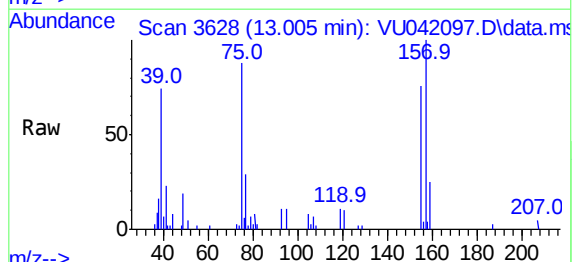
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

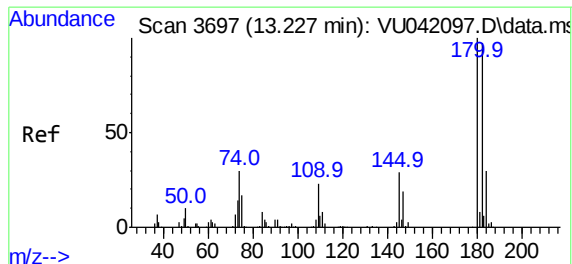
Tgt Ion:146 Resp: 112386
Ion Ratio Lower Upper
146 100
111 40.9 32.7 49.1
148 64.6 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.79 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion: 75 Resp: 10395
Ion Ratio Lower Upper
75 100
155 86.3 69.0 103.6
157 113.8 91.0 136.6

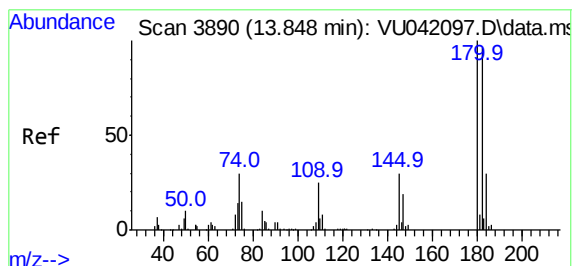
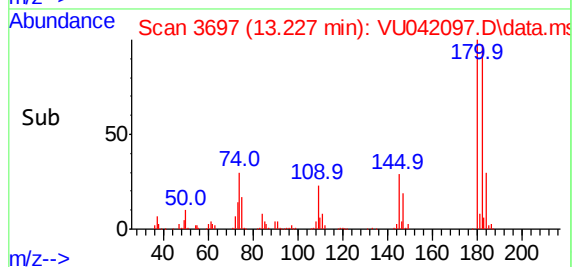
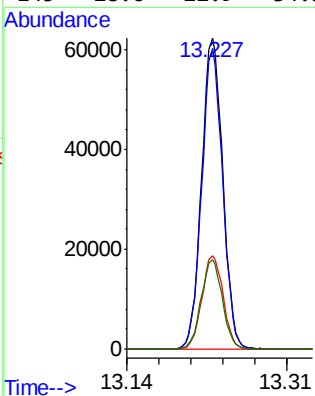
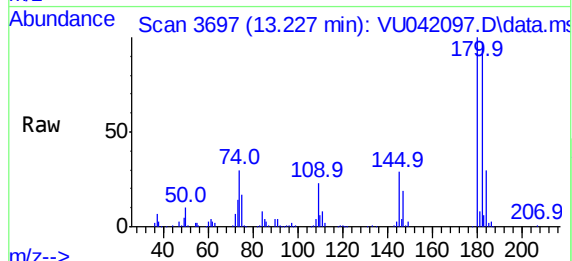




#67
1,3,5-Trichlorobenzene
Concen: 5.57 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

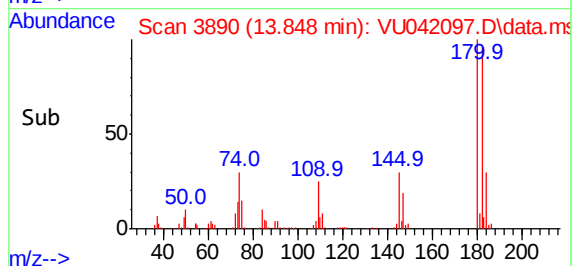
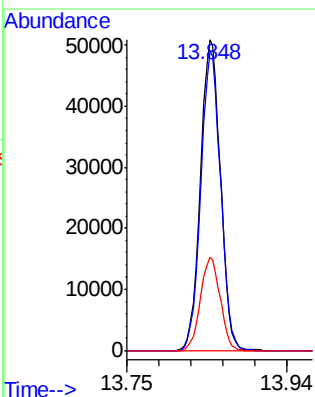
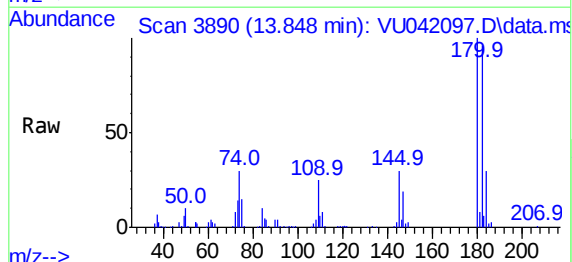
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

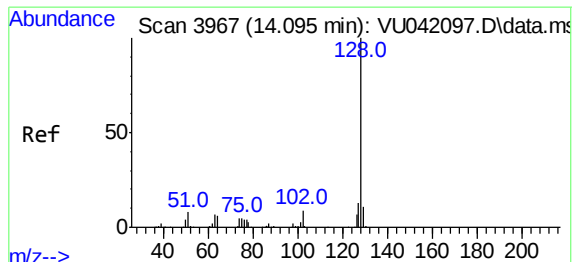
Tgt Ion:180 Resp: 98233
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
184 29.9 23.9 35.9
145 28.6 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 5.96 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion:180 Resp: 80205
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 29.6 23.7 35.5

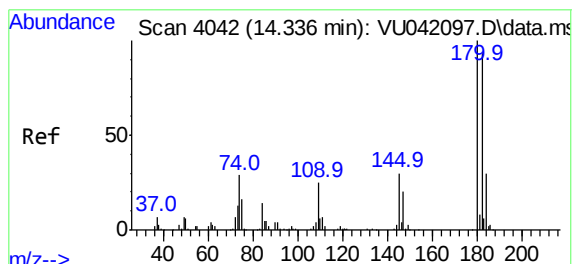
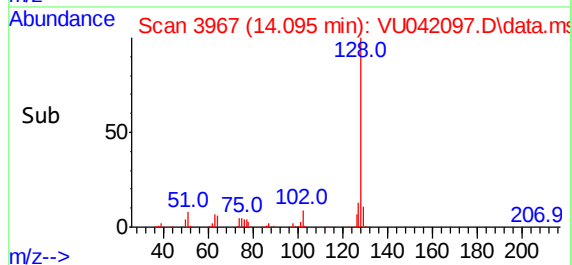
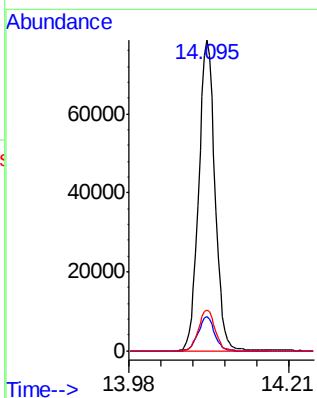
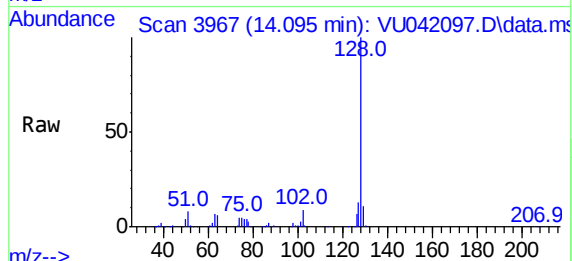




#69
Naphthalene
Concen: 5.37 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:128 Resp: 125072
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.77 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU042097.D
Acq: 20 Jan 2021 11:05

Tgt Ion:180 Resp: 71503
Ion Ratio Lower Upper
180 100
182 94.5 75.6 113.4
145 30.9 24.7 37.1

