

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042099.D
 Acq On : 20 Jan 2021 11:53
 Operator : SY/MD
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Jan 21 03:58:33 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	6.256	114	129448	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.426	117	122341	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	70138	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.600	65	170391	18.01 ug/L	0.00
7) Chloroethane-d5	1.919	69	133209	15.35 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	382232	19.75 ug/L	0.00
20) 2-Butanone-d5	4.648	46	640401	196.63 ug/L	0.00
24) Chloroform-d	5.073	84	358661	18.50 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	208681	19.40 ug/L	0.00
32) Benzene-d6	5.735	84	657211	17.51 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	214191	17.27 ug/L	0.00
41) Toluene-d8	7.906	98	615023	17.97 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	107839	20.73 ug/L	0.00
46) 2-Hexanone-d5	8.642	63	477920	184.07 ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.764	84	183769	19.09 ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.201	152	256456	19.60 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.385	85	253774	20.98 ug/L	99
3) Chloromethane	1.520	50	222079	15.55 ug/L	99
5) Vinyl chloride	1.607	62	216574	15.04 ug/L	99
6) Bromomethane	1.861	94	129118	14.53 ug/L	98
8) Chloroethane	1.938	64	124083	14.15 ug/L	100
9) Trichlorofluoromethane	2.144	101	284125	15.47 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	188251	18.56 ug/L	99
12) 1,1-Dichloroethene	2.584	96	178098	18.06 ug/L	91
13) Acetone	2.661	43	400243	195.74 ug/L	100
14) Carbon disulfide	2.800	76	607046	18.62 ug/L	100
15) Methyl Acetate	2.964	43	104922	20.83 ug/L	100
16) Methylene chloride	3.054	84	190508	16.50 ug/L	99
17) Methyl tert-butyl Ether	3.372	73	521774	19.54 ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	189192	18.59 ug/L	99
19) 1,1-Dichloroethane	3.880	63	361927	18.39 ug/L	97
21) 2-Butanone	4.729	43	705208	213.05 ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	203657	19.10 ug/L	99
23) Bromochloromethane	4.986	128	95220	19.38 ug/L	98
25) Chloroform	5.099	83	360506	18.28 ug/L	98
27) 1,2-Dichloroethane	5.803	62	261414	20.16 ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	339020	19.29 ug/L	99
30) Cyclohexane	5.398	56	357370	19.97 ug/L	99
31) Carbon tetrachloride	5.533	117	300946	19.91 ug/L	100
33) Benzene	5.783	78	757421	17.30 ug/L	100
34) Trichloroethene	6.552	95	207725	18.83 ug/L	98
35) Methylcyclohexane	6.771	83	338002	19.32 ug/L	99
37) 1,2-Dichloropropane	6.800	63	199592	17.87 ug/L	99
38) Bromodichloromethane	7.115	83	276389	18.68 ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	330943	19.39 ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	1674804	203.96 ug/L	100
42) Toluene	7.976	91	818299	17.98 ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	300195	19.96 ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	146043	18.12 ug/L	97

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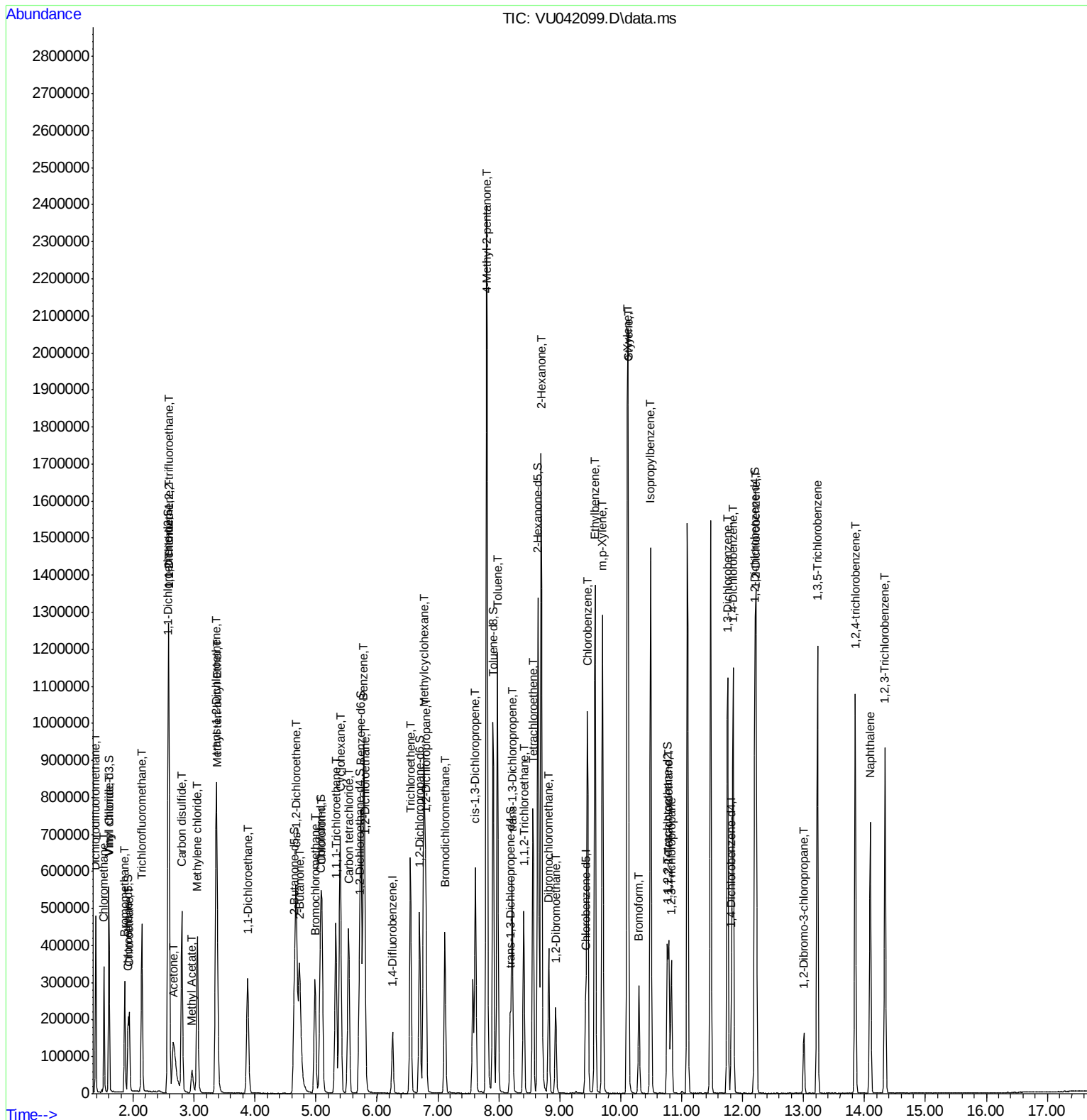
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.562	164	171072	22.75	ug/L	98
48) 2-Hexanone	8.697	43	1194913	213.39	ug/L	100
49) Dibromochloromethane	8.819	129	196298	21.47	ug/L	97
50) 1,2-Dibromoethane	8.931	107	149366	19.74	ug/L	100
51) Chlorobenzene	9.455	112	520341	19.83	ug/L	99
52) Ethylbenzene	9.578	91	938199	20.62	ug/L	100
53) m,p-Xylene	9.700	106	351193	21.24	ug/L	99
54) o-Xylene	10.108	106	338909	21.10	ug/L	99
55) Styrene	10.121	104	595499	21.68	ug/L	100
56) Isopropylbenzene	10.491	105	928262	21.61	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.790	83	187111	18.79	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	140373	18.53	ug/L	99
61) Bromoform	10.298	173	131455	21.63	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	449102	19.78	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	449135	19.67	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	420268	18.88	ug/L	100
66) 1,2-Dibromo-3-chloropr...	13.005	75	38992	18.90	ug/L	99
67) 1,3,5-Trichlorobenzene	13.227	180	380738	22.72	ug/L	99
68) 1,2,4-trichlorobenzene	13.847	180	331627	25.93	ug/L	100
69) Naphthalene	14.095	128	560066	25.31	ug/L	100
70) 1,2,3-Trichlorobenzene	14.336	180	294065	24.98	ug/L	99

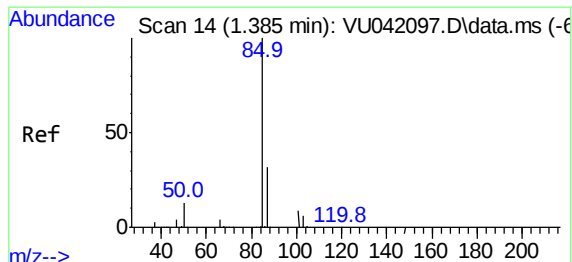
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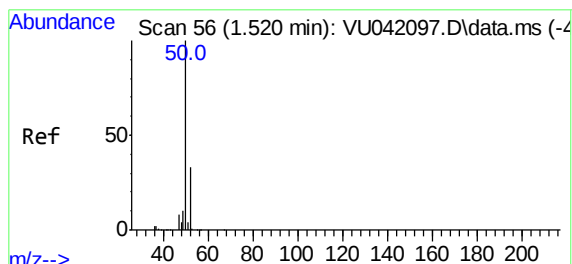
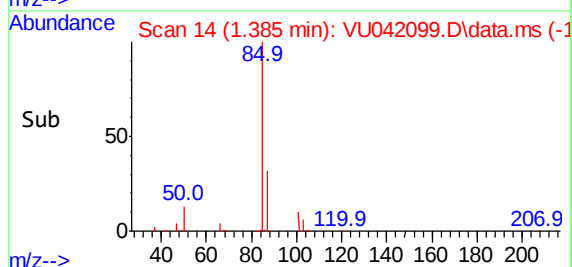
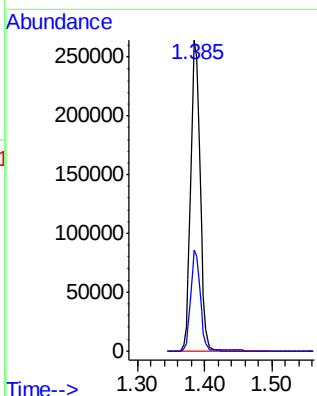
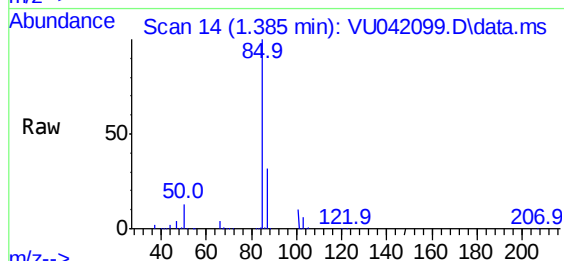




#2
Dichlorodifluoromethane
Concen: 20.98 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

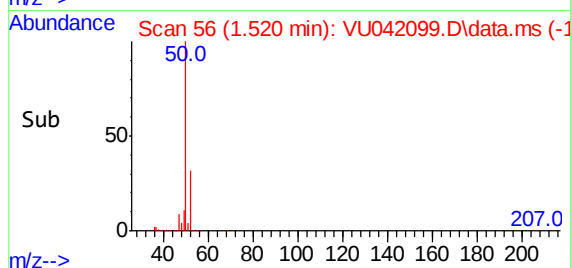
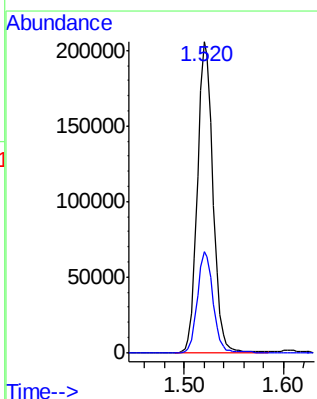
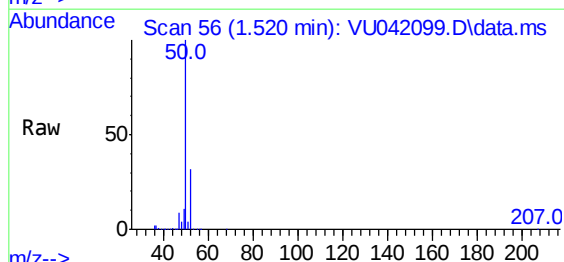
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

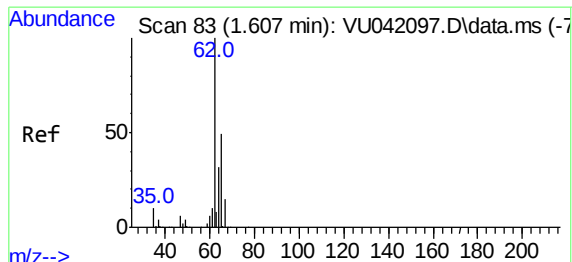
Tgt Ion: 85 Resp: 253774
Ion Ratio Lower Upper
85 100
87 32.3 26.1 39.1



#3
Chloromethane
Concen: 15.55 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 50 Resp: 222079
Ion Ratio Lower Upper
50 100
52 32.3 23.0 42.8

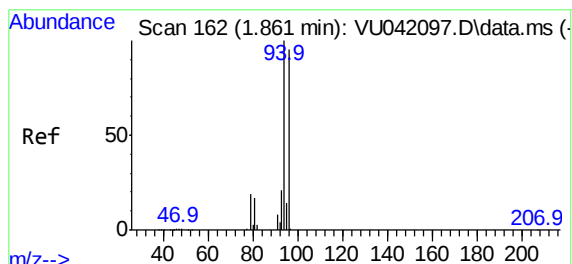
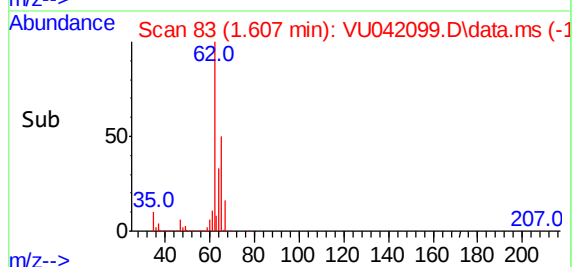
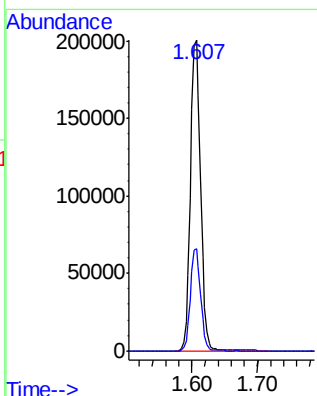
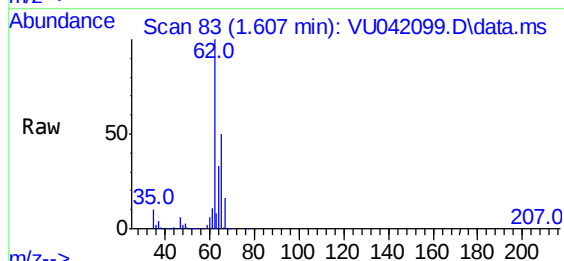




#5
 Vinyl chloride
 Concen: 15.04 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042099.D
 Acq: 20 Jan 2021 11:53

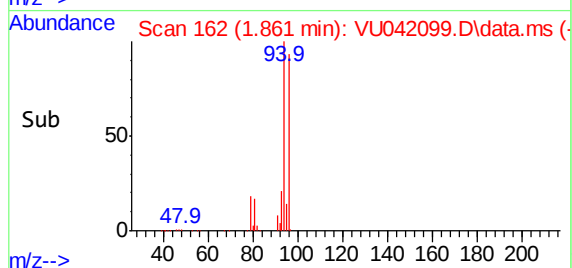
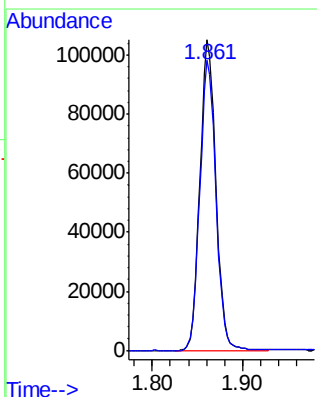
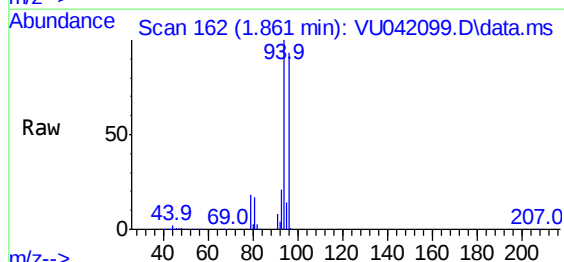
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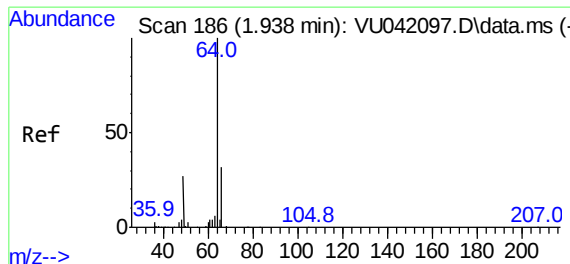
Tgt Ion: 62 Resp: 216574
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.1



#6
 Bromomethane
 Concen: 14.53 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU042099.D
 Acq: 20 Jan 2021 11:53

Tgt Ion: 94 Resp: 129118
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.5 123.5

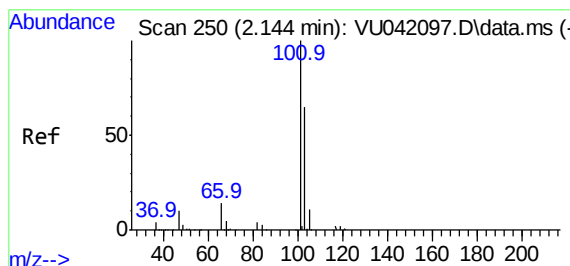
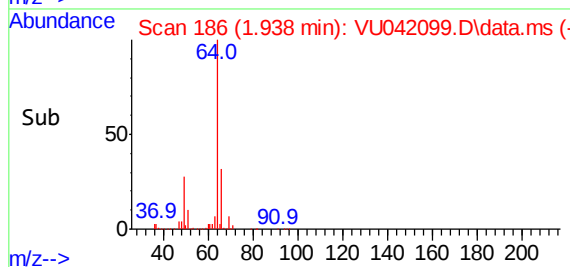
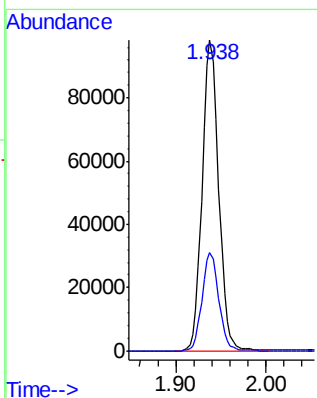
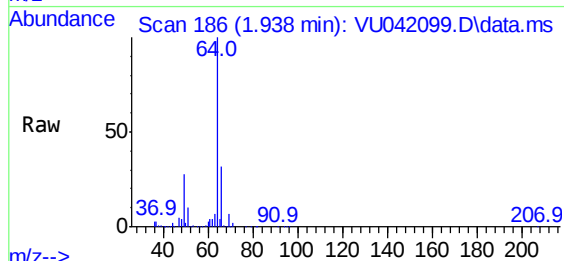




#8
Chloroethane
Concen: 14.15 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

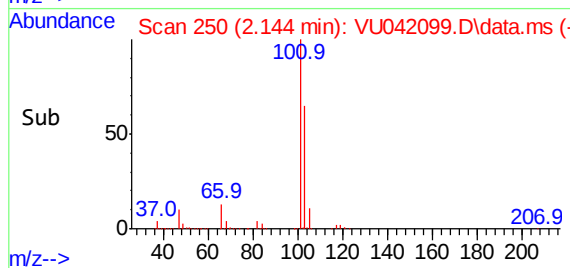
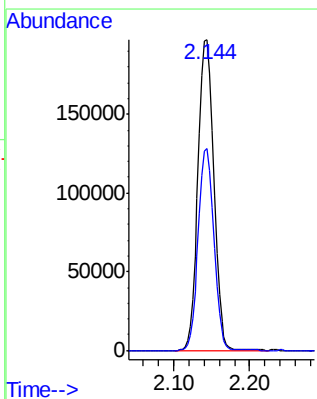
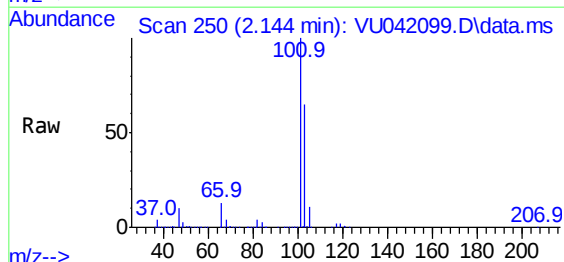
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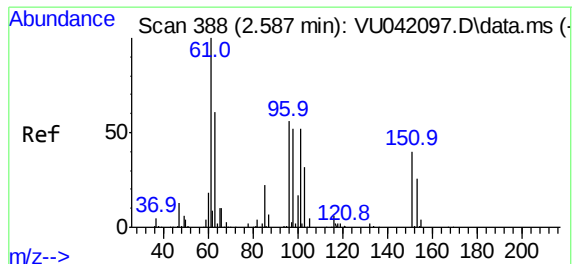
Tgt Ion: 64 Resp: 124083
Ion Ratio Lower Upper
64 100
66 31.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 15.47 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion:101 Resp: 284125
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

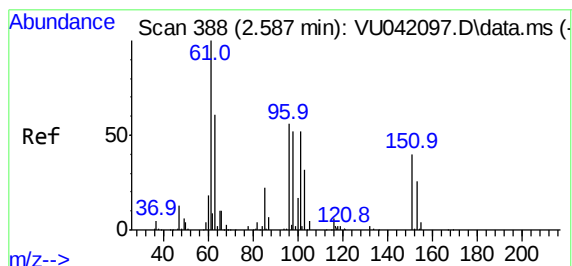
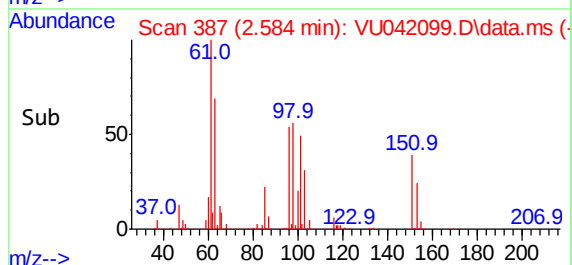
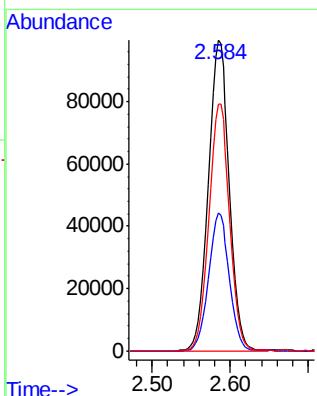
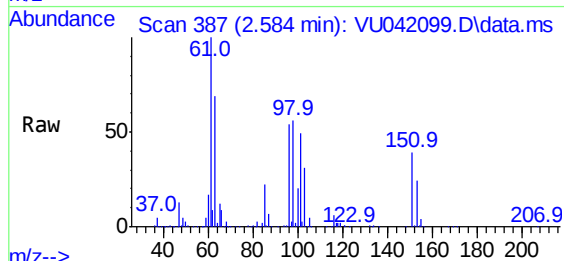




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.56 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU042099.D
 Acq: 20 Jan 2021 11:53

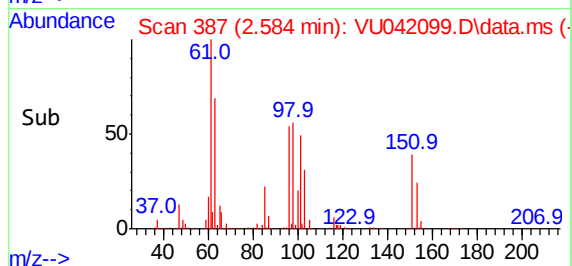
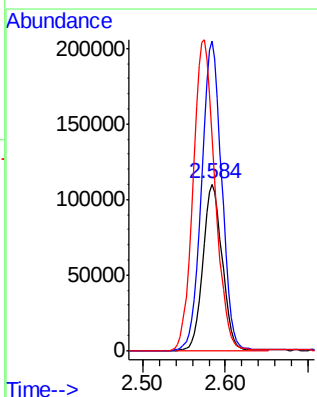
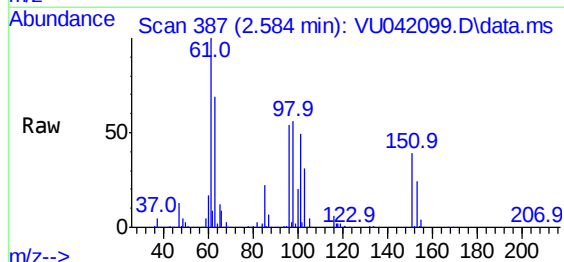
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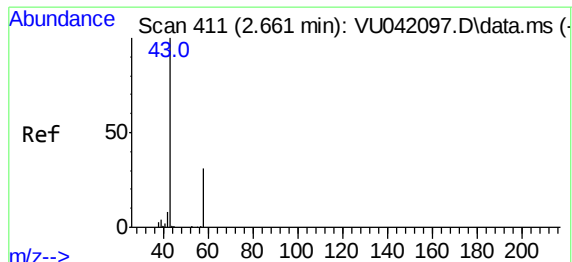
Tgt Ion:101 Resp: 188251
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.6 51.8
 151 78.9 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 18.06 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU042099.D
 Acq: 20 Jan 2021 11:53

Tgt Ion: 96 Resp: 178098
 Ion Ratio Lower Upper
 96 100
 61 185.9 126.2 234.4
 63 128.1 77.8 144.4

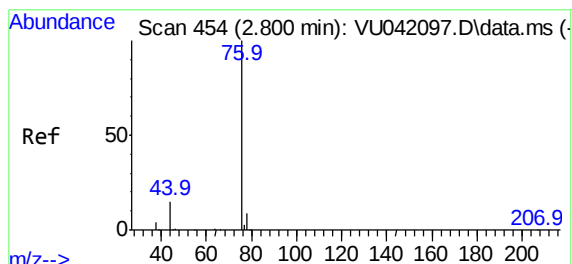
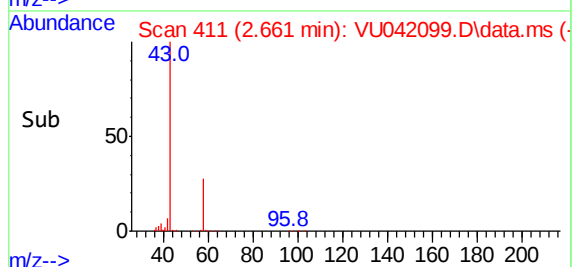
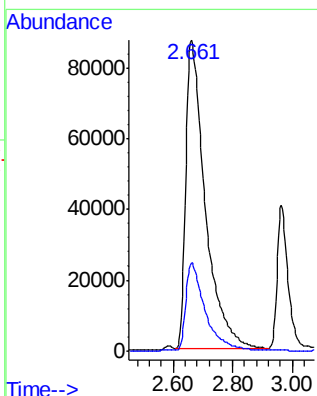
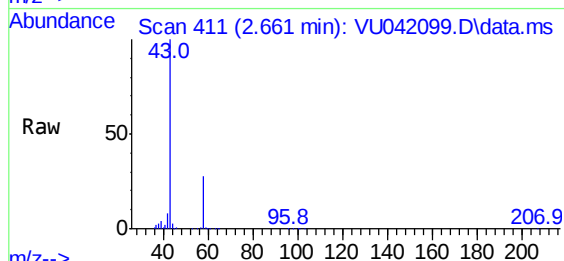




#13
Acetone
Concen: 195.74 ug/L
RT: 2.661 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

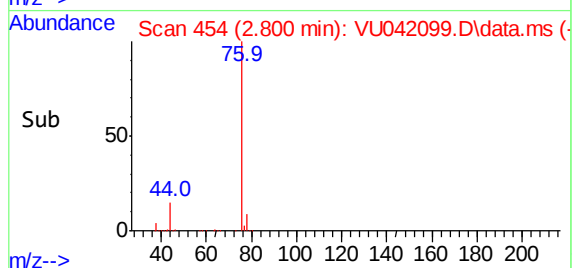
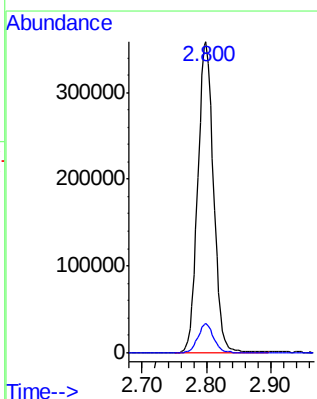
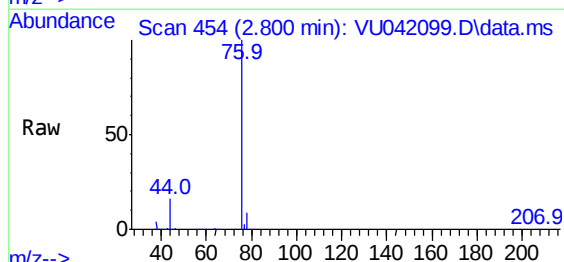
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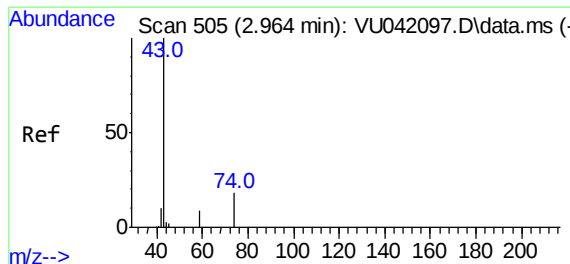
Tgt Ion: 43 Resp: 400243
Ion Ratio Lower Upper
43 100
58 27.9 0.0 55.8



#14
Carbon disulfide
Concen: 18.62 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 76 Resp: 607046
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

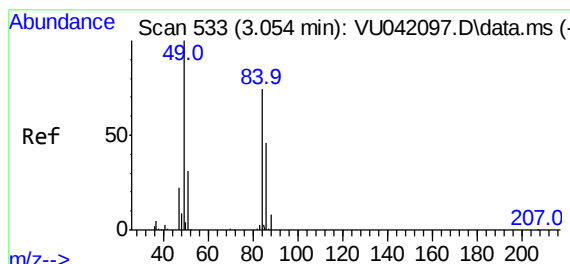
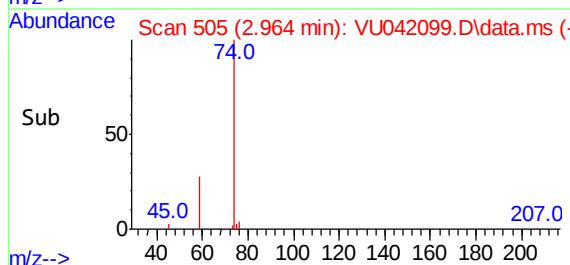
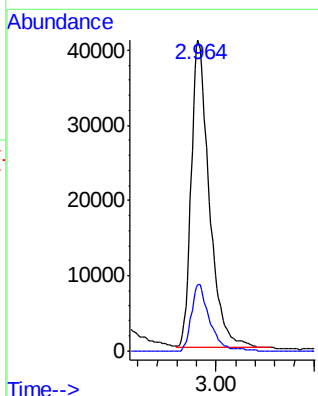
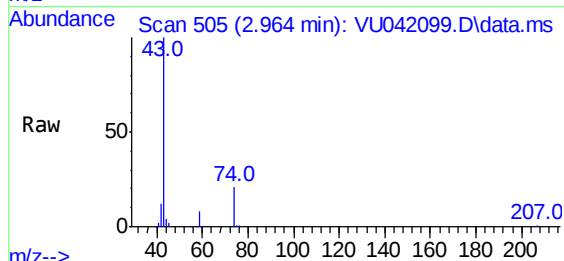




#15
Methyl Acetate
Concen: 20.83 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
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Acq: 20 Jan 2021 11:53

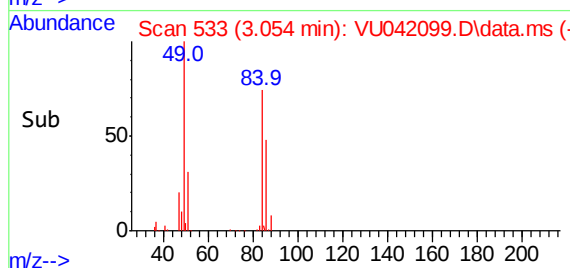
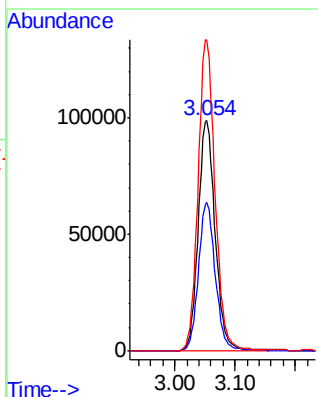
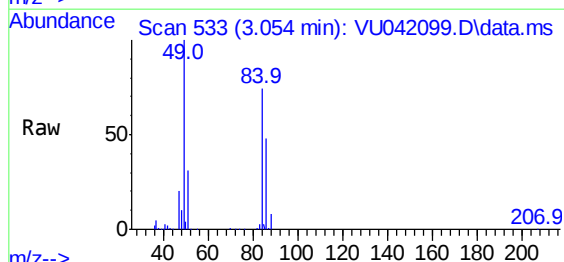
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

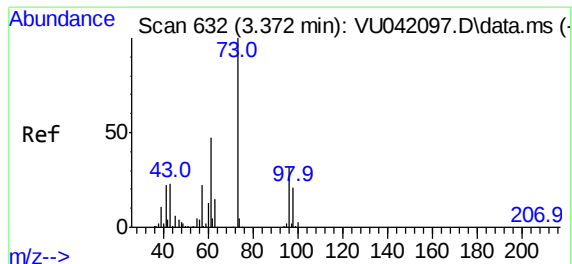
Tgt Ion: 43 Resp: 104922
Ion Ratio Lower Upper
43 100
74 21.1 16.9 25.3



#16
Methylene chloride
Concen: 16.50 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 84 Resp: 190508
Ion Ratio Lower Upper
84 100
86 64.6 44.1 81.9
49 135.0 95.0 176.4

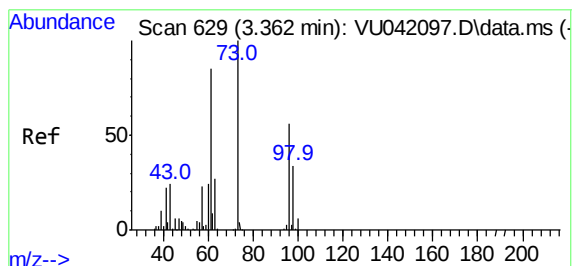
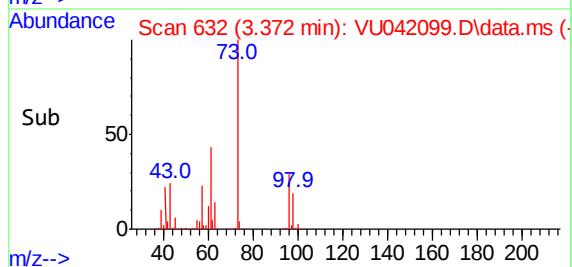
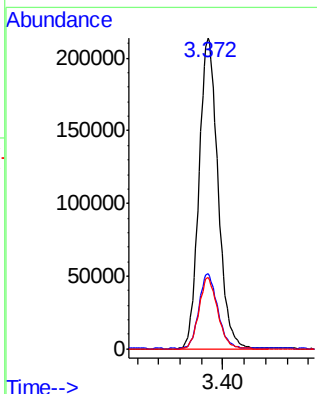
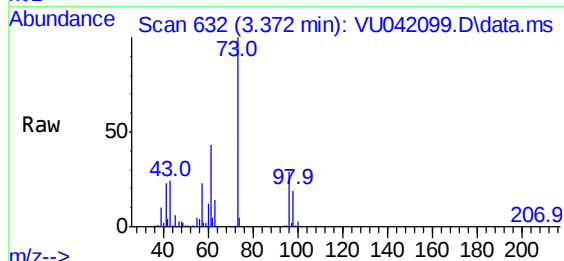




#17
Methyl tert-butyl Ether
Concen: 19.54 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

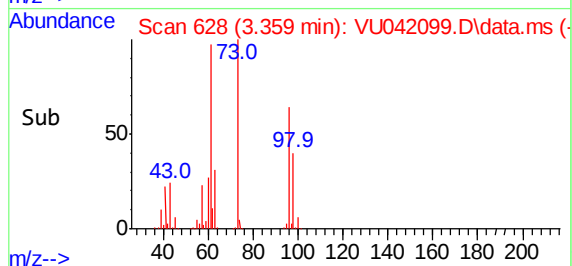
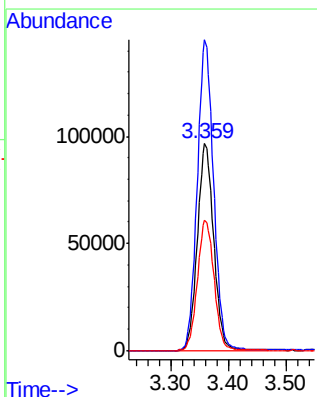
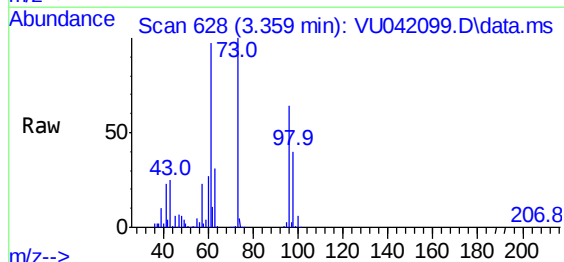
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

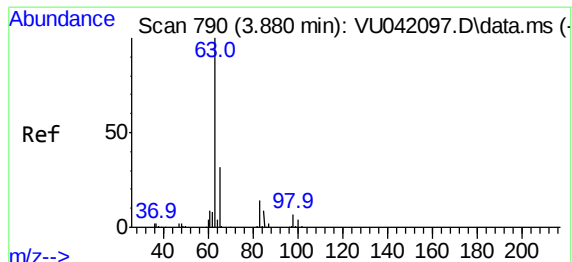
Tgt Ion: 73 Resp: 521774
Ion Ratio Lower Upper
73 100
43 23.8 18.9 28.3
57 22.7 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 18.59 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 96 Resp: 189192
Ion Ratio Lower Upper
96 100
61 150.1 105.7 196.3
98 62.8 42.8 79.6

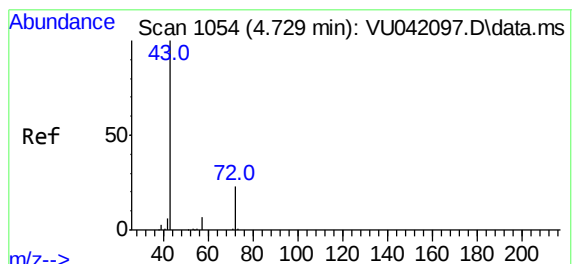
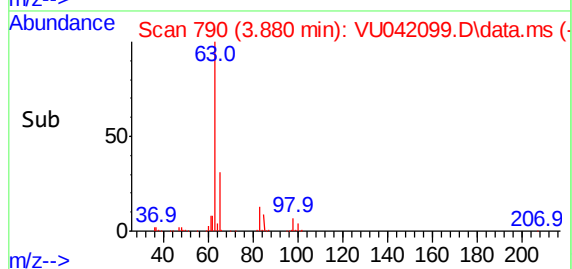
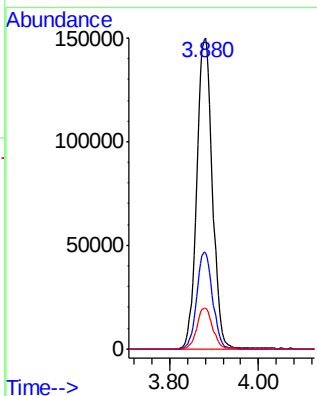
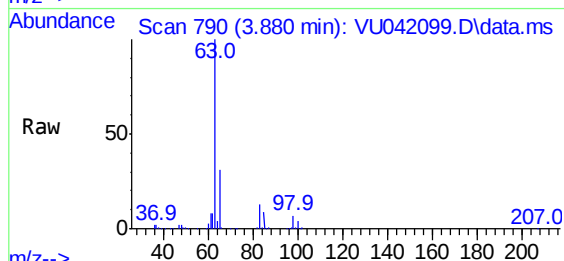




#19
1,1-Dichloroethane
Concen: 18.39 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

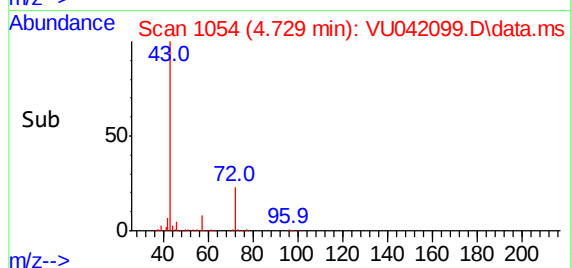
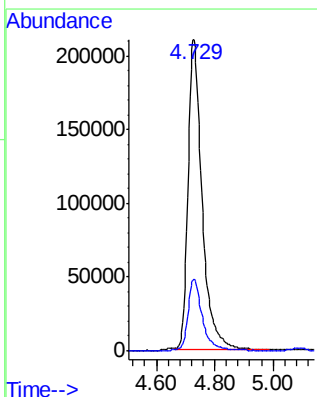
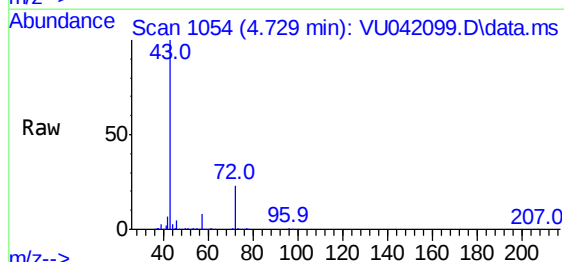
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

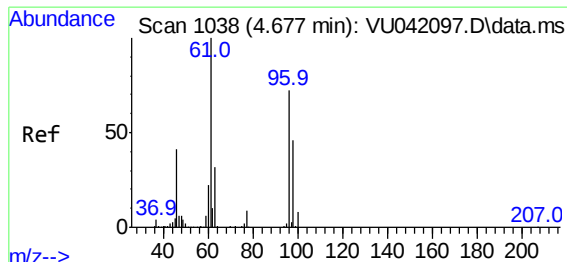
Tgt Ion: 63 Resp: 361927
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.9
83 13.1 10.1 18.7



#21
2-Butanone
Concen: 213.05 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 43 Resp: 705208
Ion Ratio Lower Upper
43 100
72 23.4 11.7 35.1



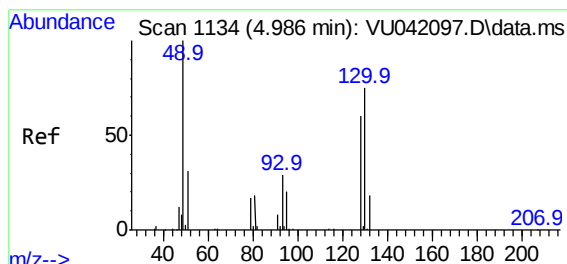
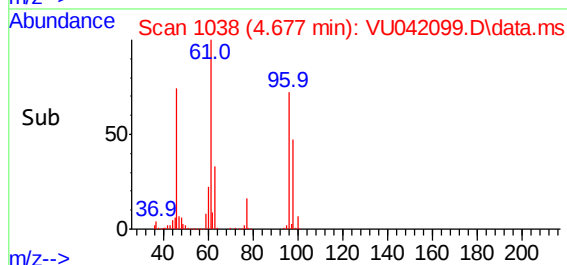
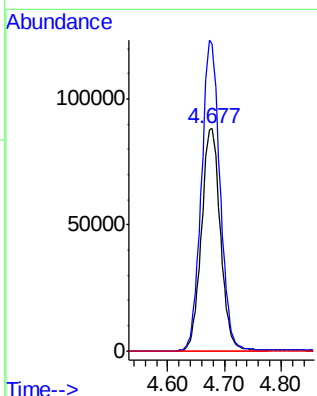
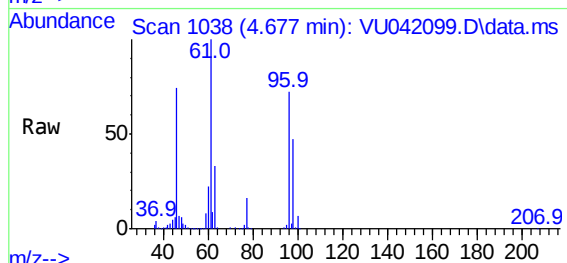


#22
 cis-1,2-Dichloroethene
 Concen: 19.10 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU042099.D
 Acq: 20 Jan 2021 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Tgt Ion: 96 Resp: 203657

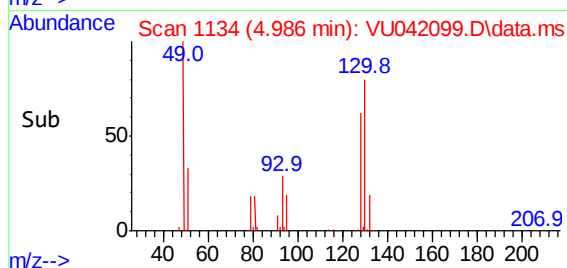
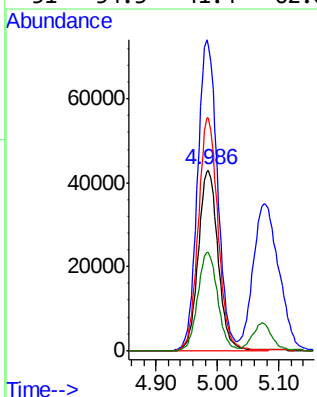
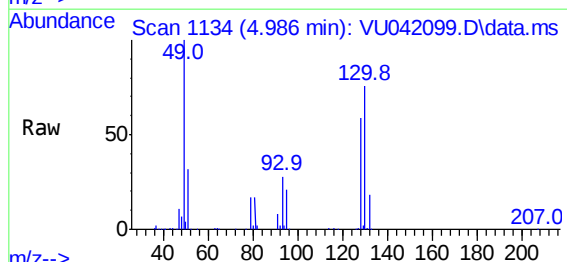
Ion	Ratio	Lower	Upper
96	100		
61	138.3	97.8	181.6
68	0.0	0.0	0.0

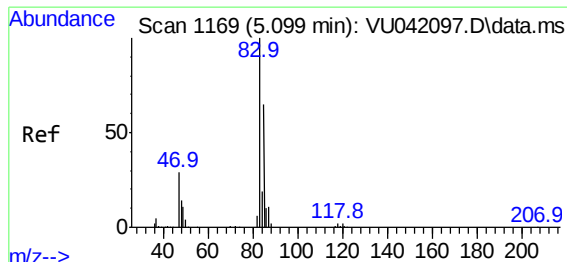


#23
 Bromochloromethane
 Concen: 19.38 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. -0.000 min
 Lab File: VU042099.D
 Acq: 20 Jan 2021 11:53

Tgt Ion: 128 Resp: 95220

Ion	Ratio	Lower	Upper
128	100		
49	169.6	117.7	218.7
130	129.4	87.9	163.3
51	54.3	41.4	62.0

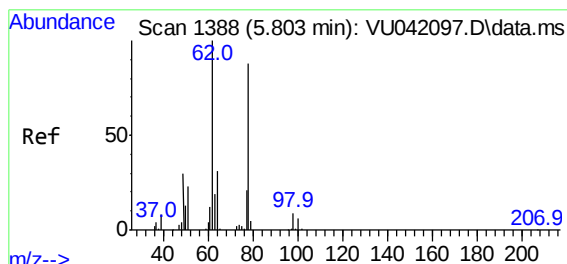
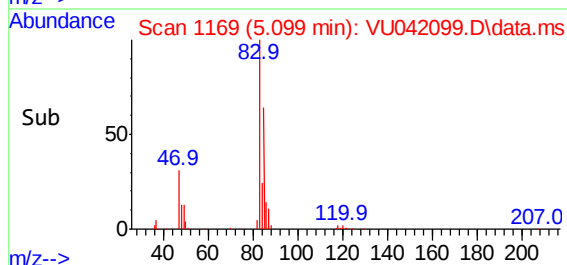
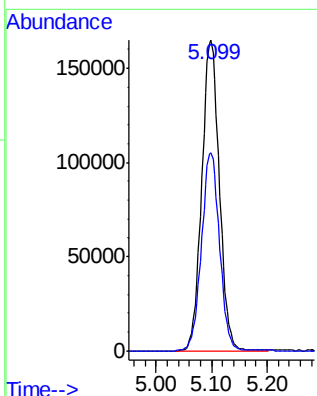
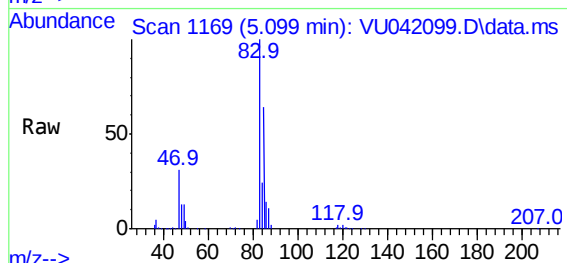




#25
Chloroform
Concen: 18.28 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

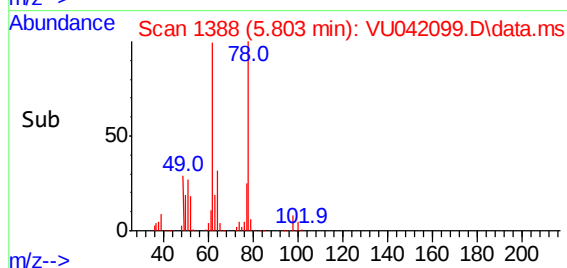
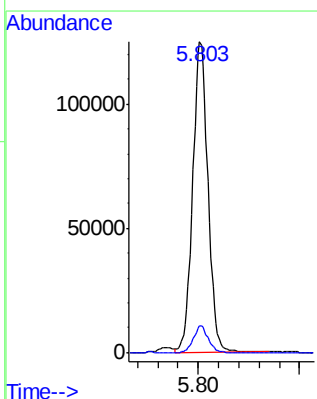
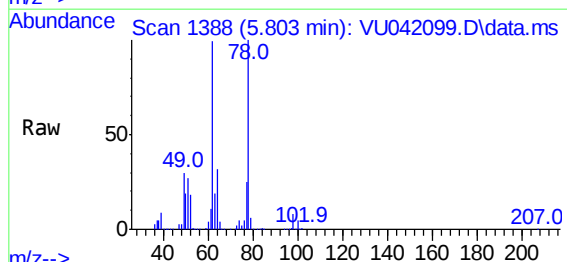
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

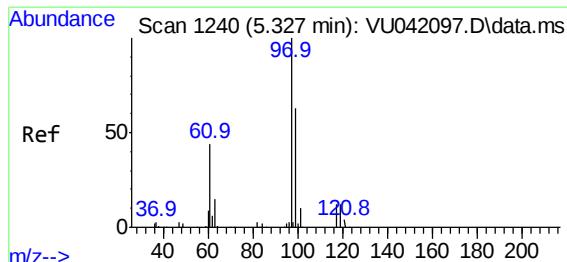
Tgt Ion: 83 Resp: 360506
Ion Ratio Lower Upper
83 100
85 63.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 20.16 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 62 Resp: 261414
Ion Ratio Lower Upper
62 100
98 8.4 7.3 10.9

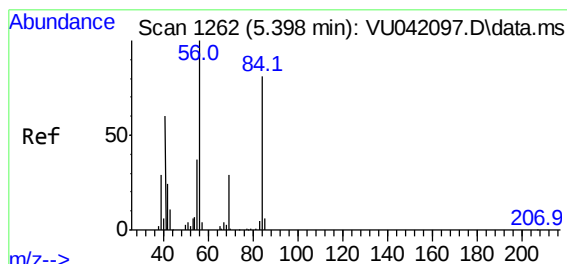
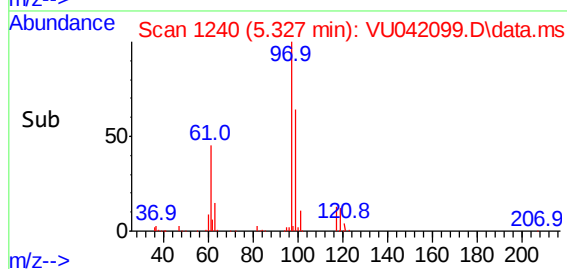
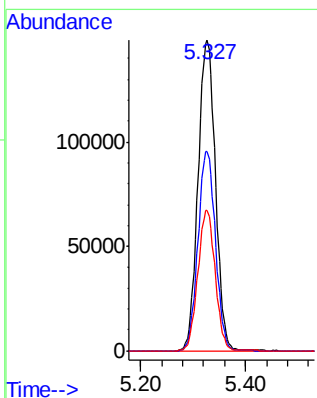
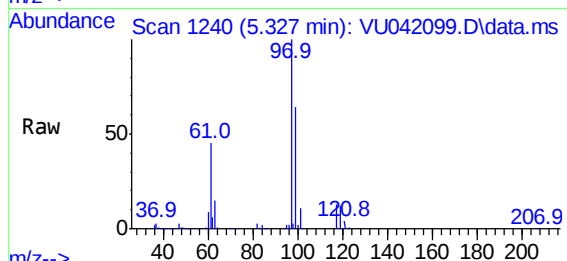




#29
1,1,1-Trichloroethane
Concen: 19.29 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

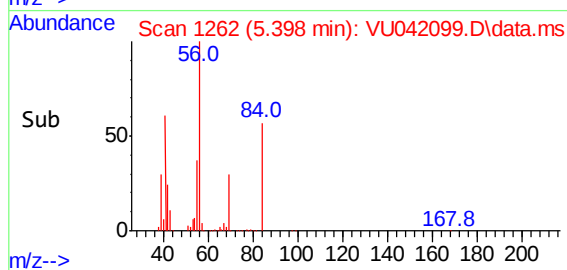
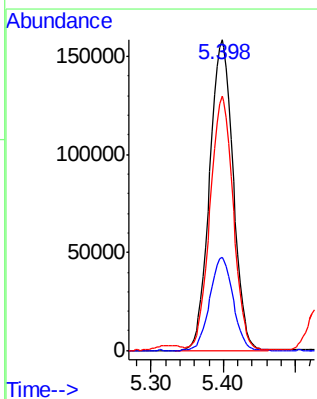
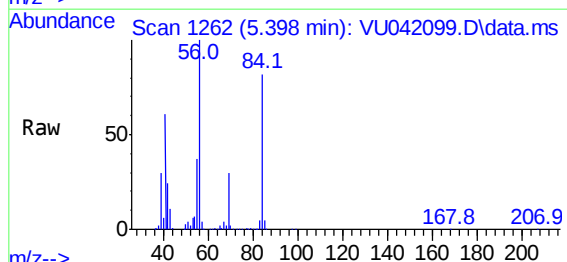
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

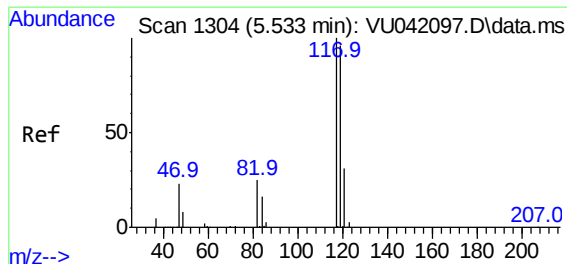
Tgt Ion: 97 Resp: 339020
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 45.2 35.8 53.6



#30
Cyclohexane
Concen: 19.97 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 56 Resp: 357370
Ion Ratio Lower Upper
56 100
69 29.7 23.7 35.5
84 80.9 65.3 97.9

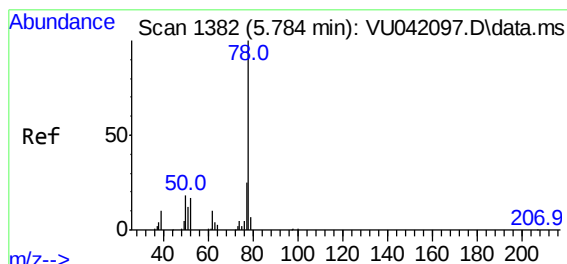
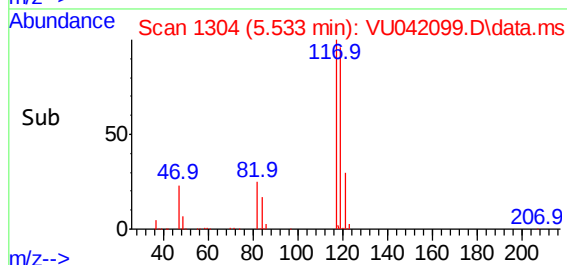
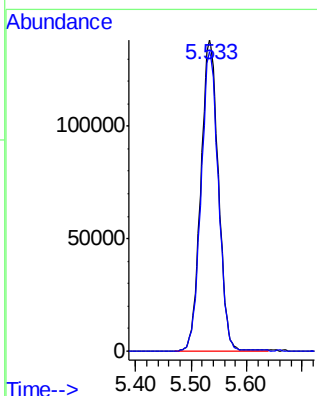
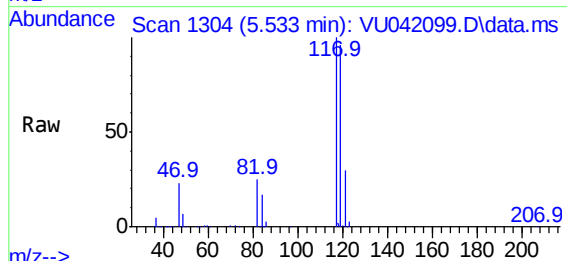




#31
Carbon tetrachloride
Concen: 19.91 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

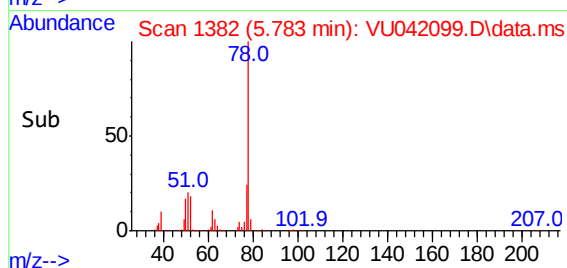
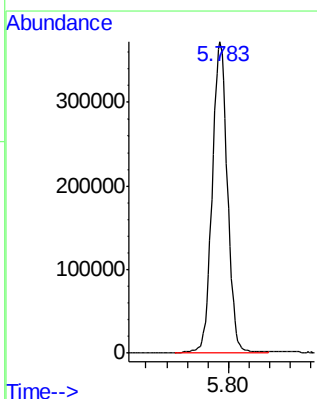
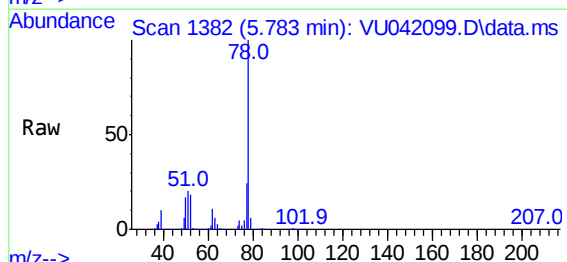
Instrument :
MSVOA_U
ClientSampleId :
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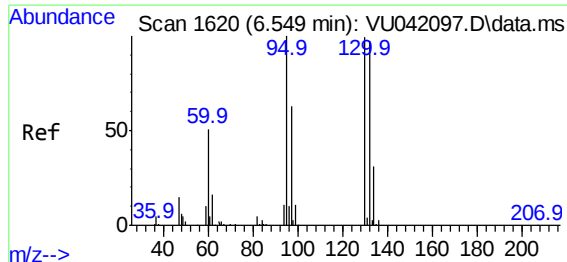
Tgt Ion:117 Resp: 300946
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4



#33
Benzene
Concen: 17.30 ug/L
RT: 5.783 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 78 Resp: 757421





#34

Trichloroethene

Concen: 18.83 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU042099.D

Acq: 20 Jan 2021 11:53

Tgt Ion: 95 Resp: 207725

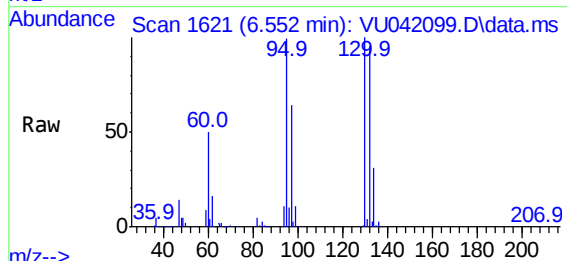
Ion Ratio Lower Upper

95 100

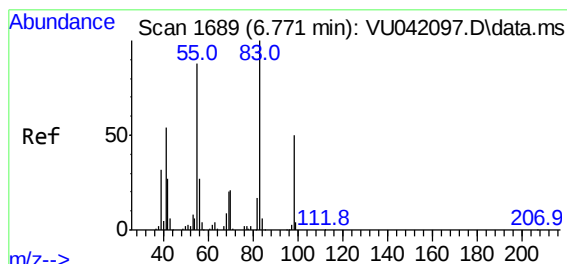
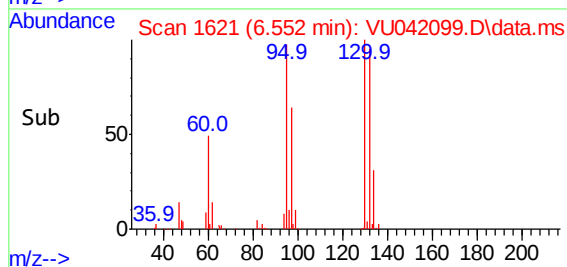
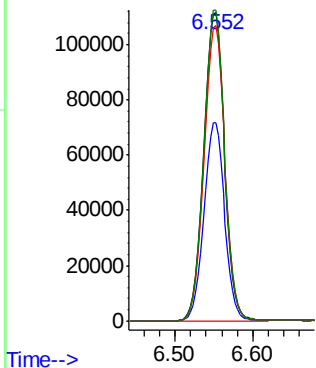
97 64.6 44.4 82.4

132 96.0 68.0 126.4

130 101.0 69.2 128.4



Abundance



#35

Methylcyclohexane

Concen: 19.32 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU042099.D

Acq: 20 Jan 2021 11:53

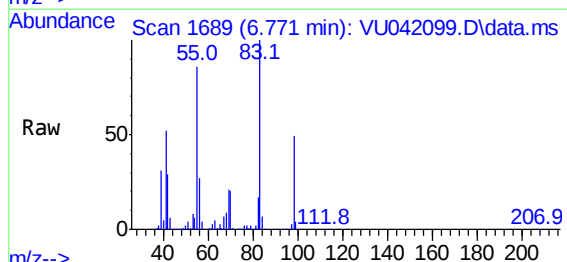
Tgt Ion: 83 Resp: 338002

Ion Ratio Lower Upper

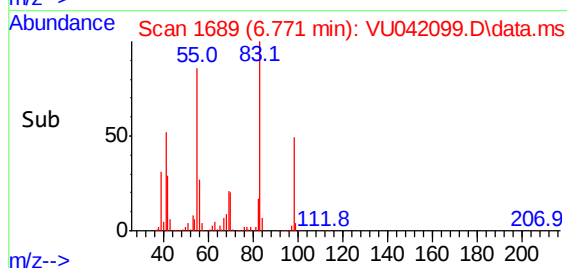
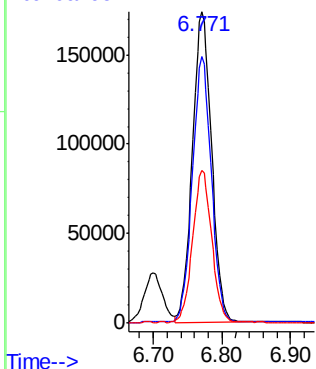
83 100

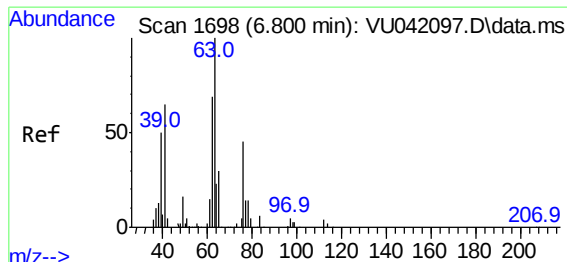
55 84.4 68.2 102.4

98 48.4 39.7 59.5



Abundance

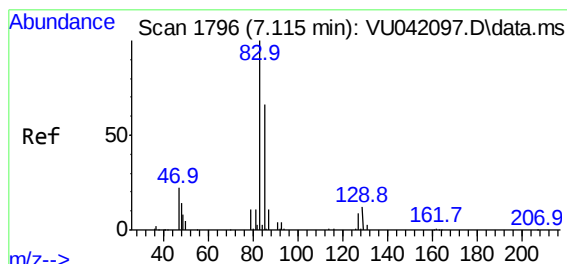
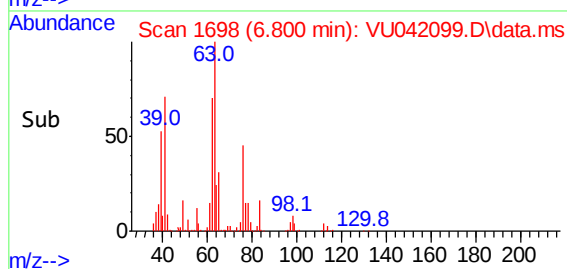
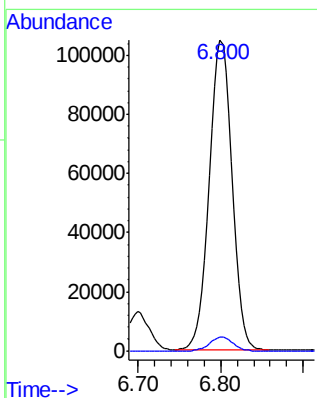
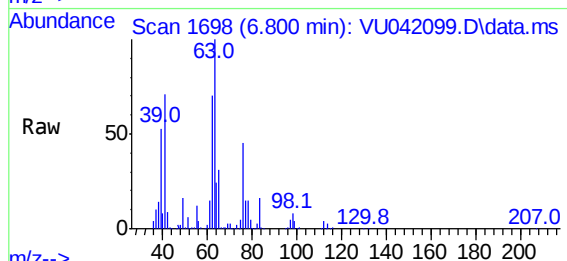




#37
1,2-Dichloropropane
Concen: 17.87 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

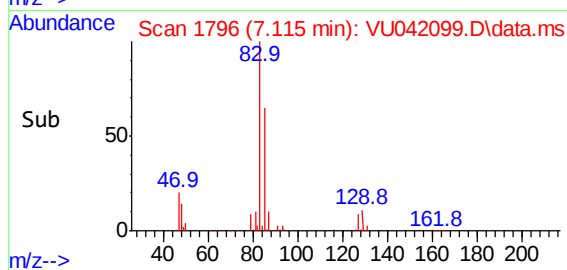
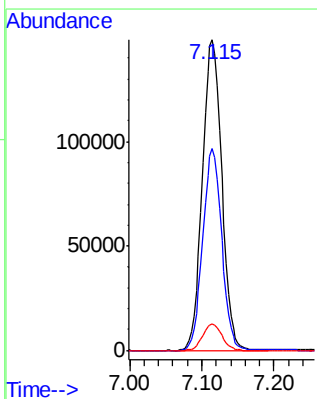
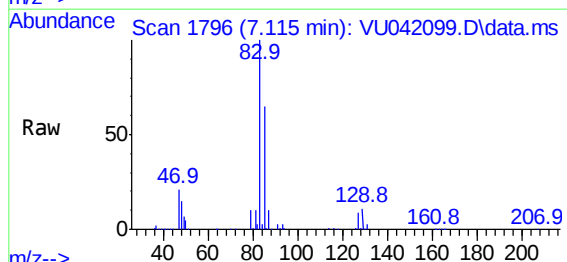
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

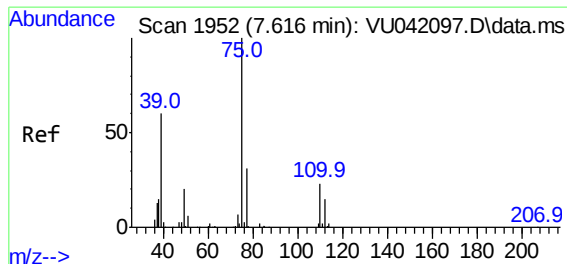
Tgt Ion: 63 Resp: 199592
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.0



#38
Bromodichloromethane
Concen: 18.68 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 83 Resp: 276389
Ion Ratio Lower Upper
83 100
85 64.9 46.0 85.4
127 8.5 6.8 10.2

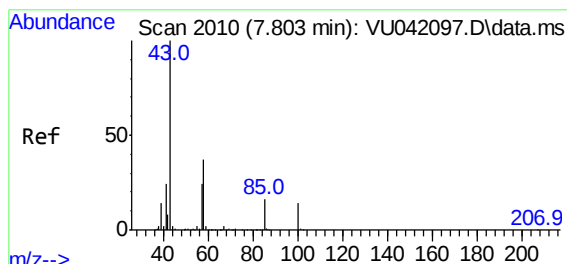
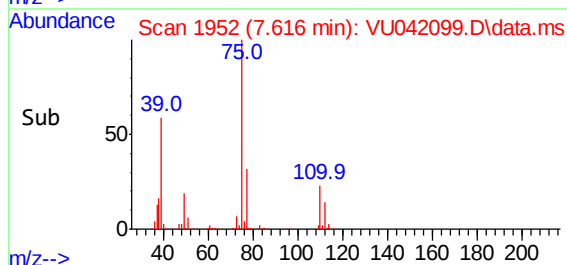
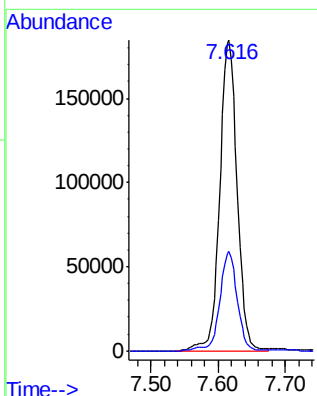
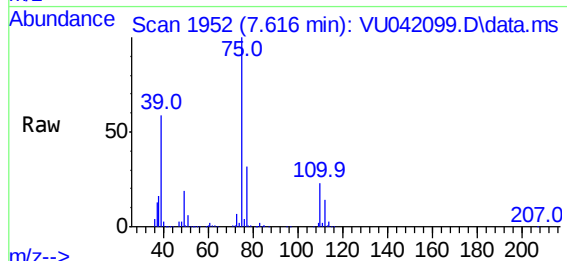




#39
 cis-1,3-Dichloropropene
 Concen: 19.39 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU042099.D
 Acq: 20 Jan 2021 11:53

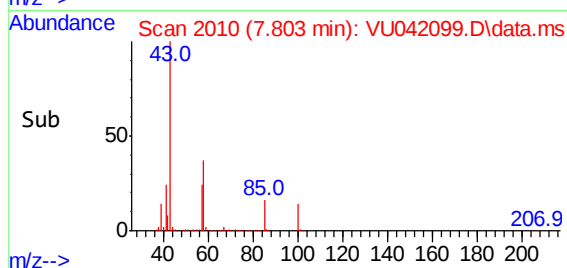
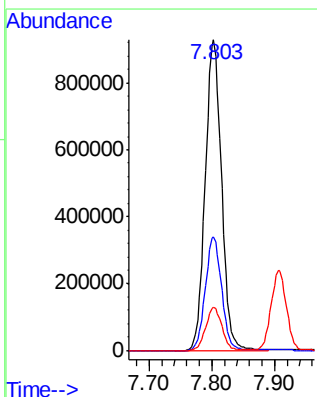
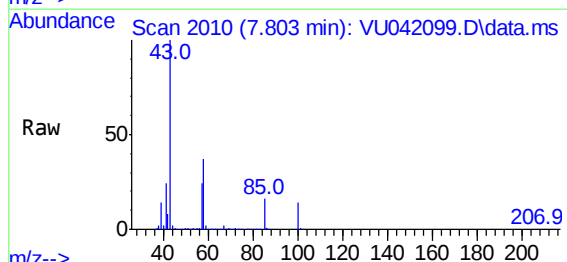
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

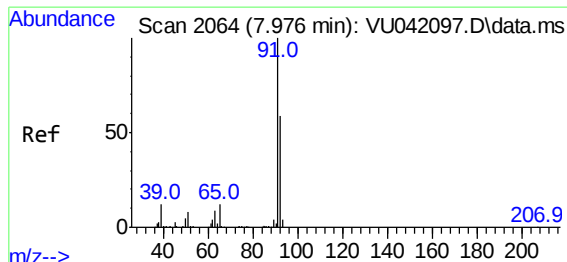
Tgt Ion: 75 Resp: 330943
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 203.96 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.000 min
 Lab File: VU042099.D
 Acq: 20 Jan 2021 11:53

Tgt Ion: 43 Resp: 1674804
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.1 43.7
 100 13.8 11.0 16.4





#42

Toluene

Concen: 17.98 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042099.D

Acq: 20 Jan 2021 11:53

Instrument :

MSVOA_U

ClientSampleId :

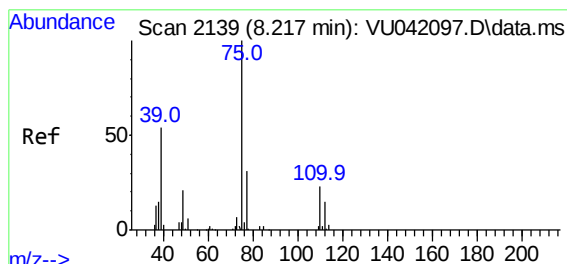
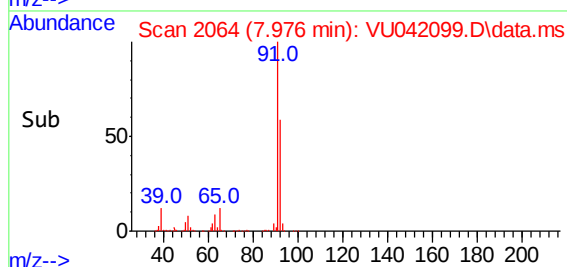
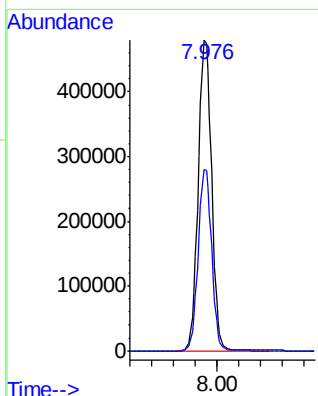
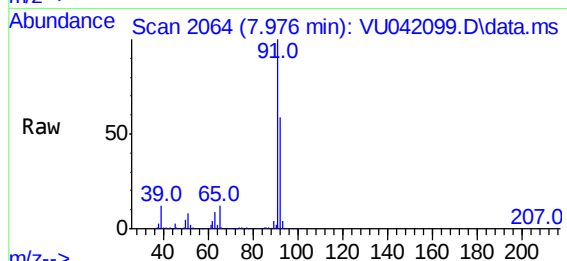
VSTD02002

Tgt Ion: 91 Resp: 818299

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 19.96 ug/L

RT: 8.217 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU042099.D

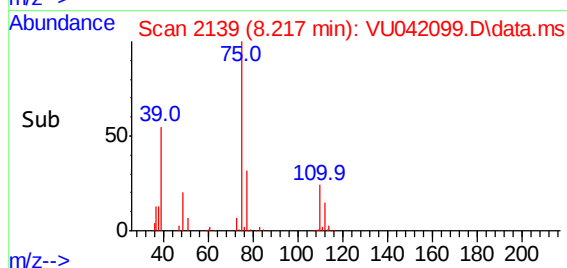
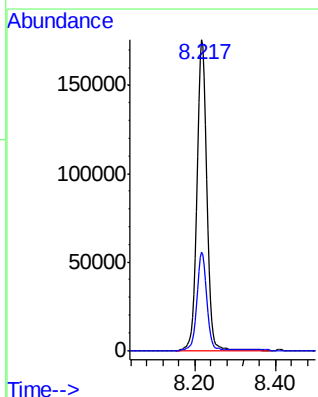
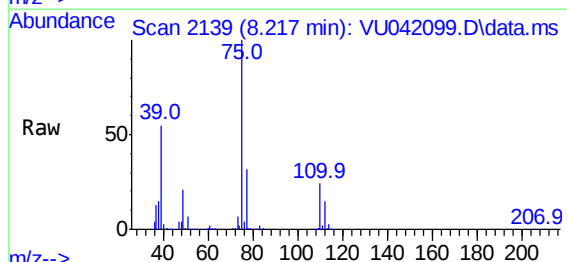
Acq: 20 Jan 2021 11:53

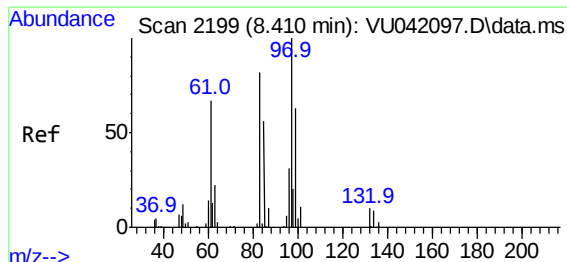
Tgt Ion: 75 Resp: 300195

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4

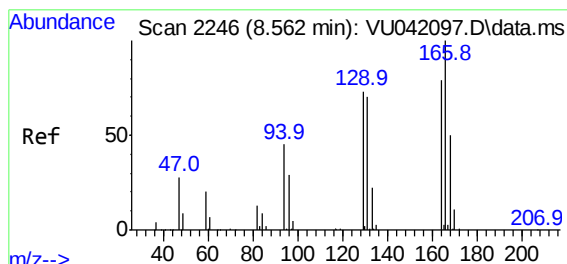
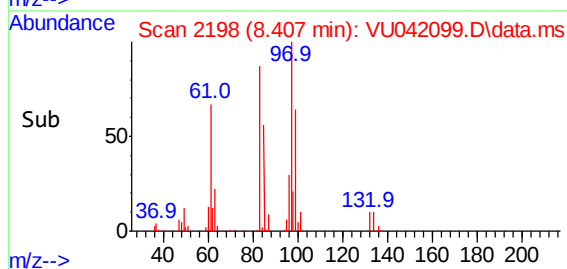
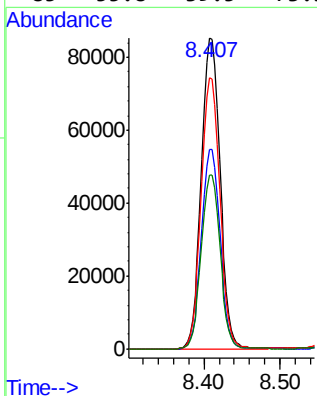
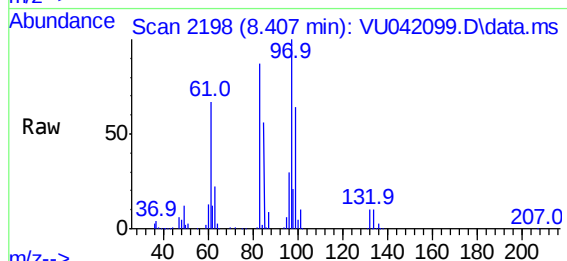




#45
1,1,2-Trichloroethane
Concen: 18.12 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

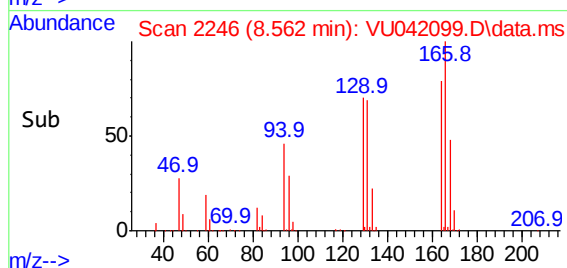
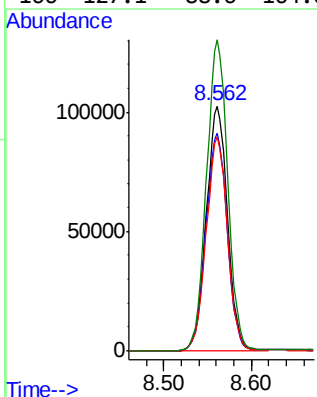
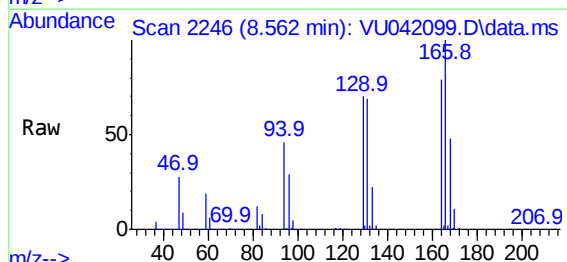
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

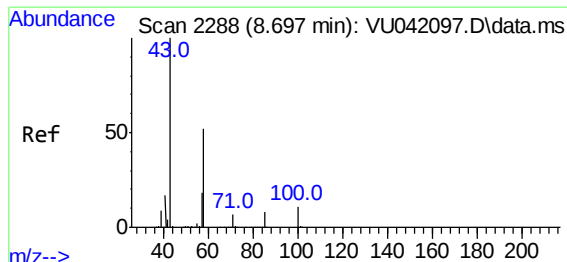
Tgt Ion: 97 Resp: 146043
Ion Ratio Lower Upper
97 100
99 64.1 44.0 81.8
83 87.3 57.6 107.0
85 55.8 39.5 73.3



#47
Tetrachloroethene
Concen: 22.75 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 164 Resp: 171072
Ion Ratio Lower Upper
164 100
129 88.6 64.3 119.5
131 87.5 62.2 115.6
166 127.1 88.6 164.6



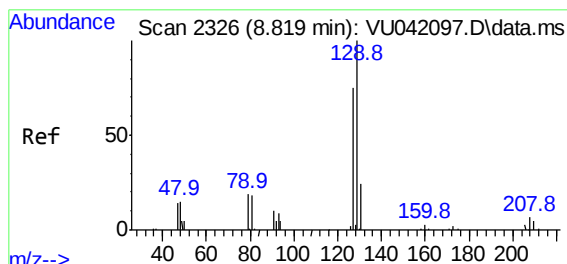
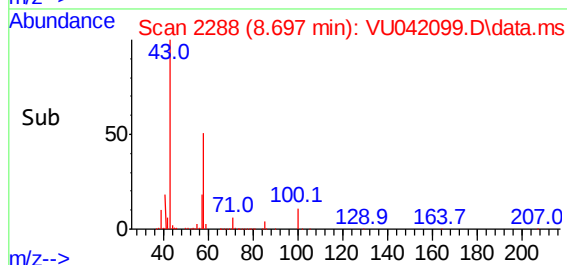
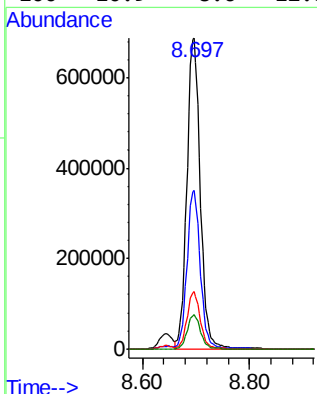
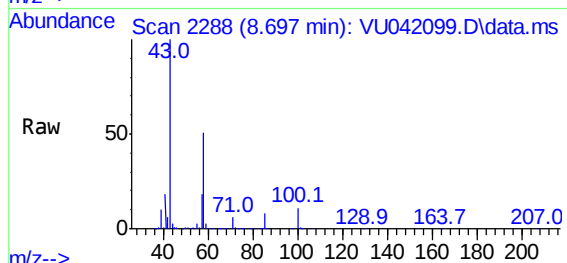


#48
2-Hexanone
Concen: 213.39 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

Tgt Ion: 43 Resp: 1194913

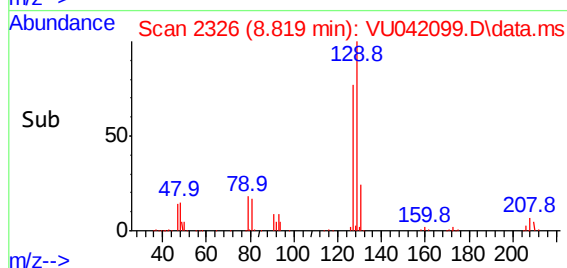
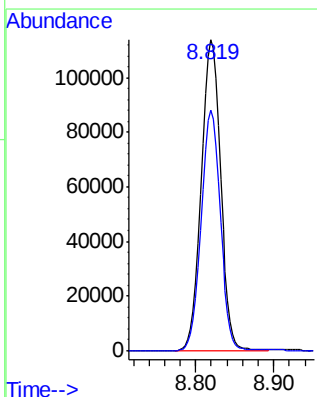
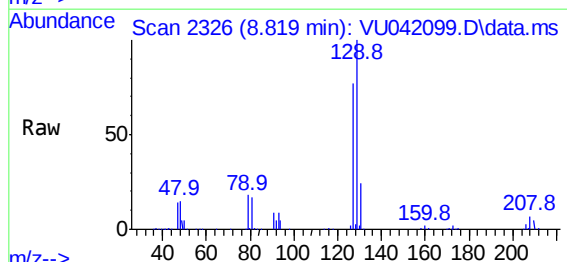
Ion	Ratio	Lower	Upper
43	100		
58	50.8	40.6	61.0
57	18.1	14.9	22.3
100	10.9	8.6	12.8

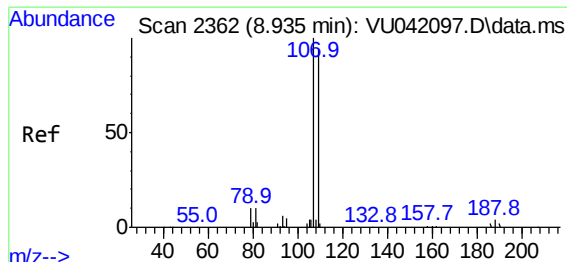


#49
Dibromochloromethane
Concen: 21.47 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 129 Resp: 196298

Ion	Ratio	Lower	Upper
129	100		
127	77.5	52.3	97.1

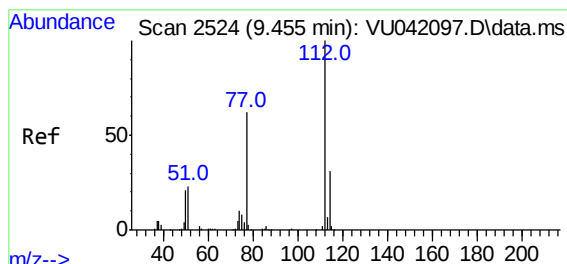
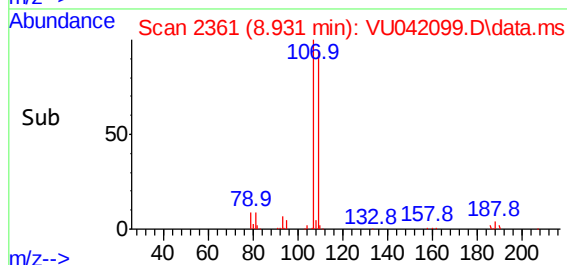
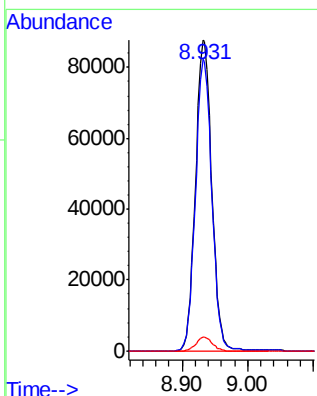
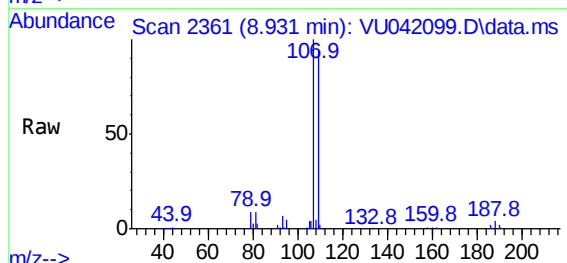




#50
1,2-Dibromoethane
Concen: 19.74 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.003 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

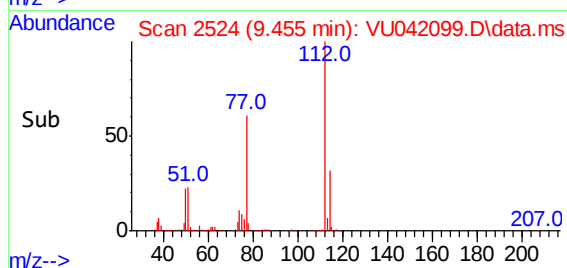
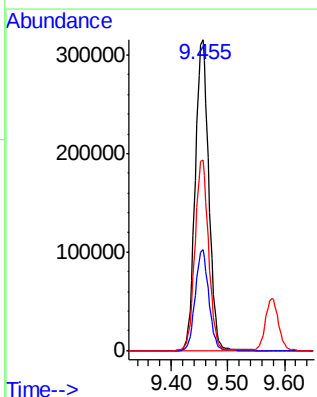
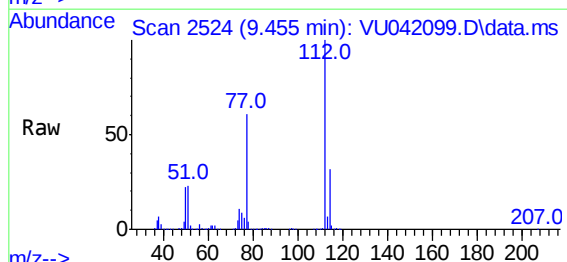
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

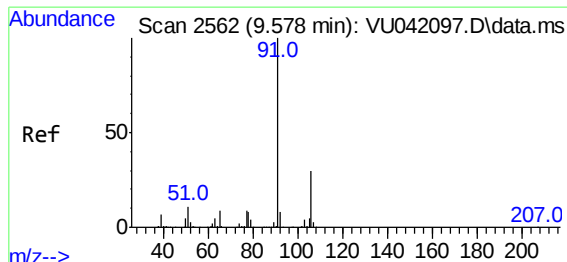
Tgt Ion:107 Resp: 149366
Ion Ratio Lower Upper
107 100
109 94.0 65.5 121.6
188 4.4 3.4 5.2



#51
Chlorobenzene
Concen: 19.83 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion:112 Resp: 520341
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 61.3 49.8 74.6

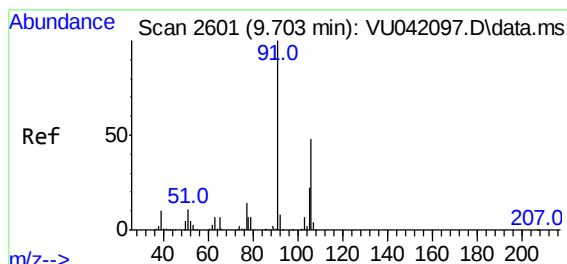
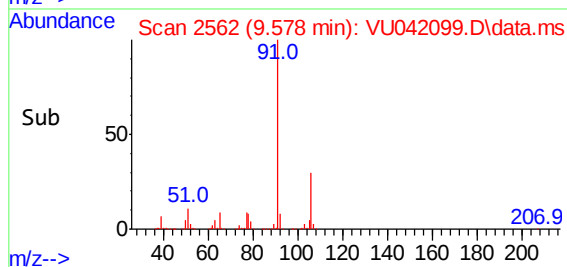
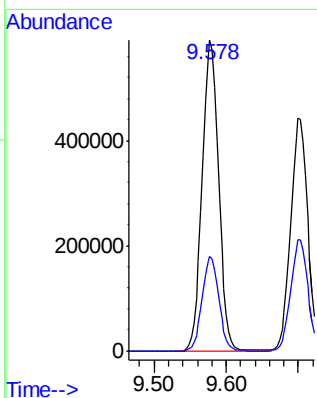
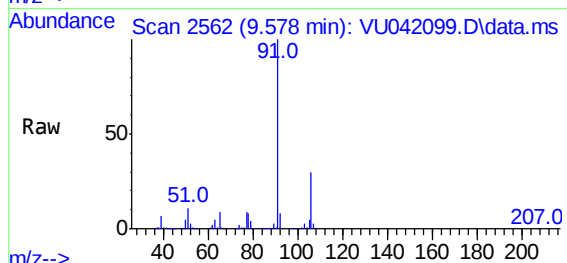




#52
Ethylbenzene
Concen: 20.62 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

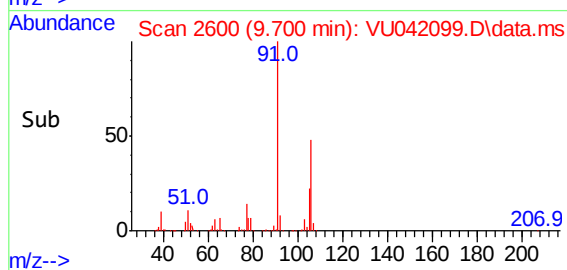
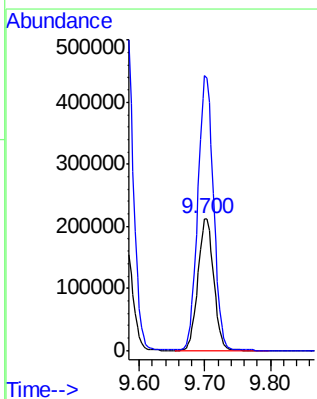
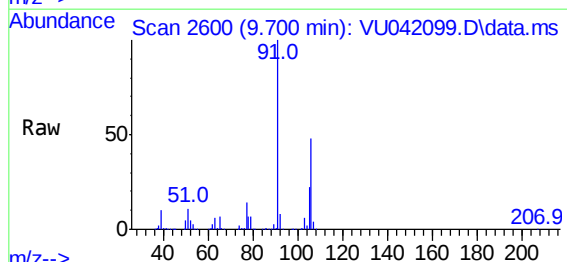
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

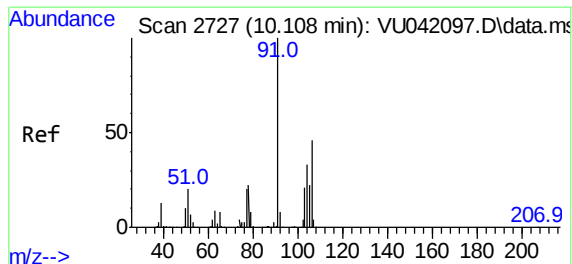
Tgt Ion: 91 Resp: 938199
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.3



#53
m,p-Xylene
Concen: 21.24 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 106 Resp: 351193
Ion Ratio Lower Upper
106 100
91 208.8 145.1 269.5

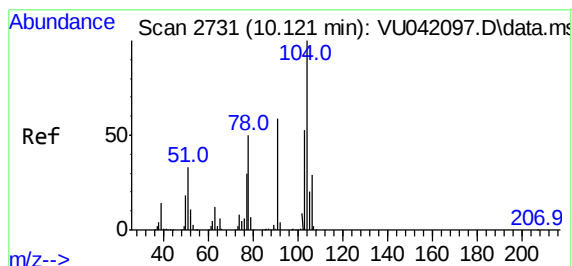
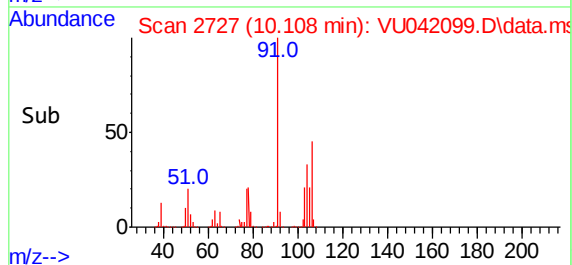
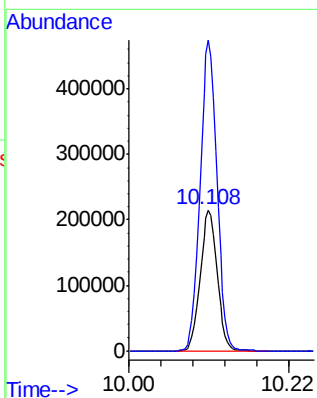
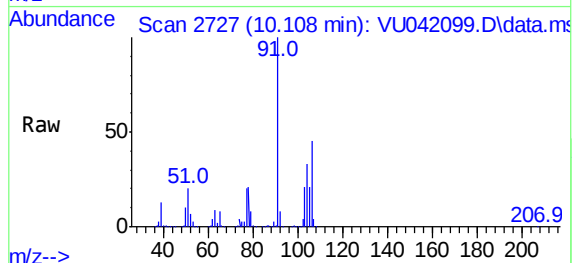




#54
o-Xylene
Concen: 21.10 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

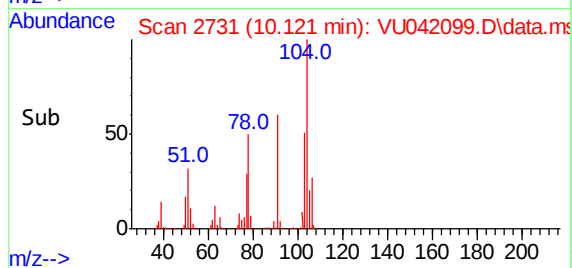
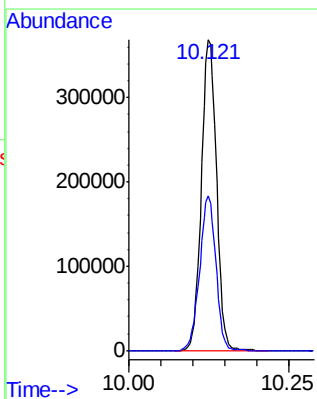
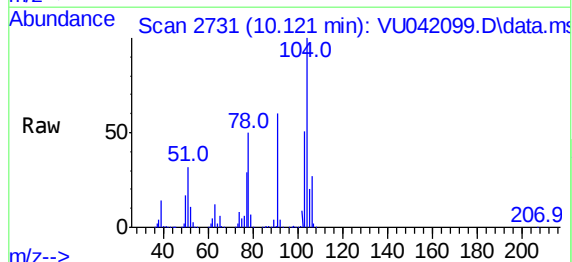
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

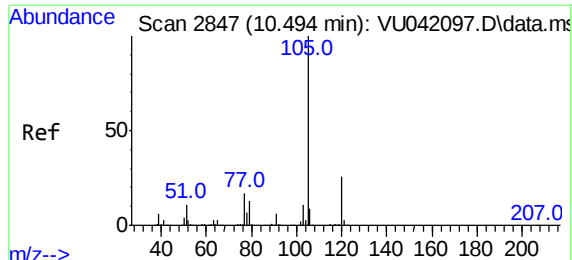
Tgt Ion:106 Resp: 338909
Ion Ratio Lower Upper
106 100
91 220.3 153.0 284.2



#55
Styrene
Concen: 21.68 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion:104 Resp: 595499
Ion Ratio Lower Upper
104 100
78 49.7 34.9 64.7

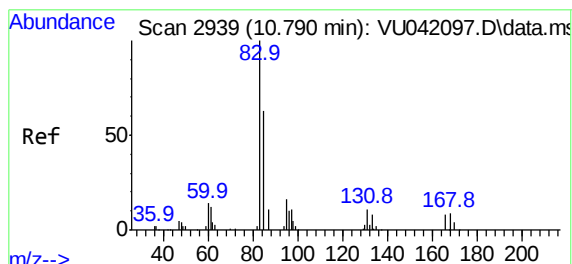
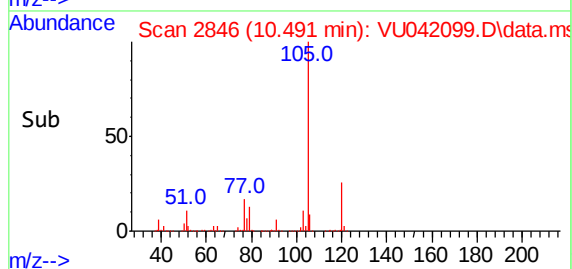
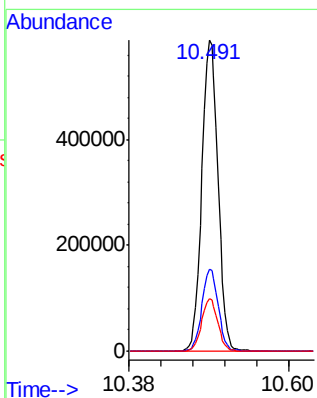
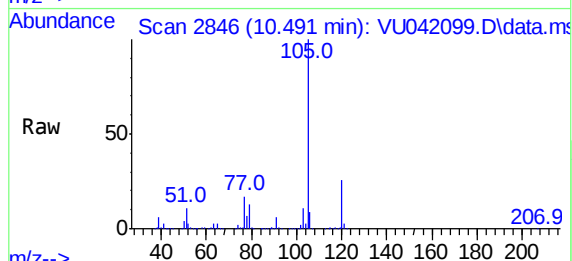




#56
Isopropylbenzene
Concen: 21.61 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

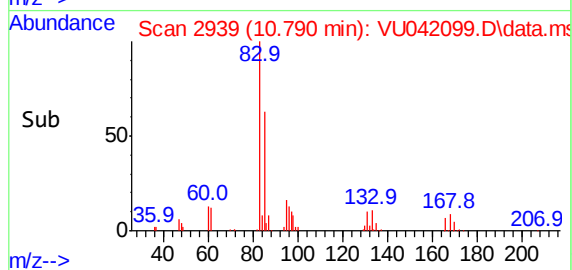
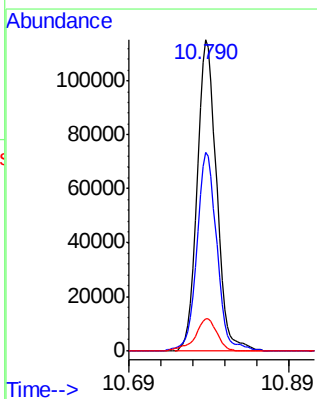
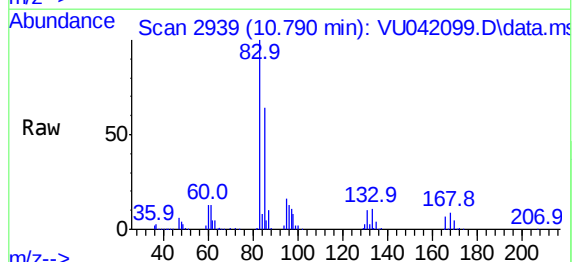
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

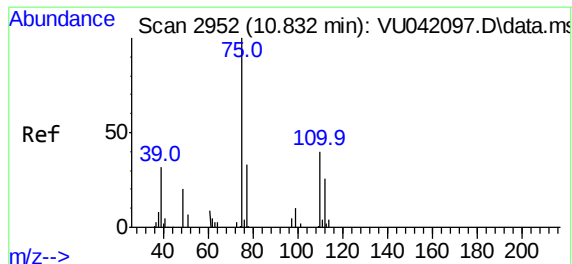
Tgt Ion:105 Resp: 928262
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 16.5 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 18.79 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 83 Resp: 187111
Ion Ratio Lower Upper
83 100
85 63.8 44.4 82.4
131 10.2 8.6 12.8

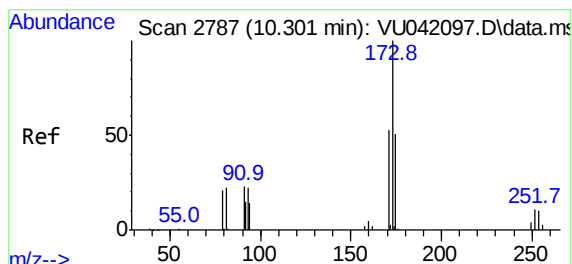
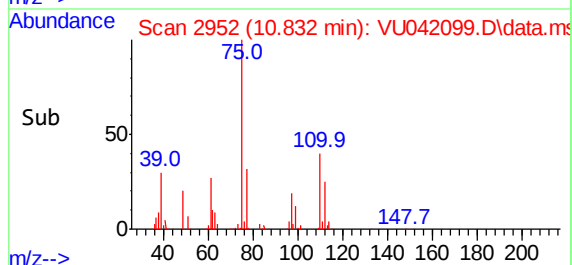
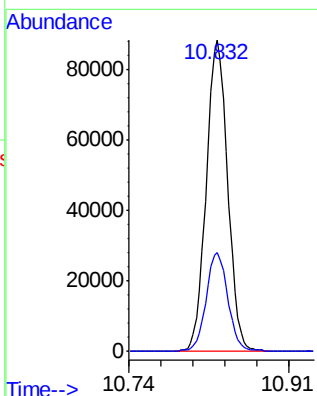
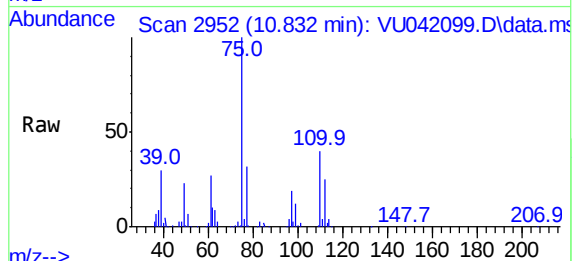




#59
1,2,3-Trichloropropane
Concen: 18.53 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

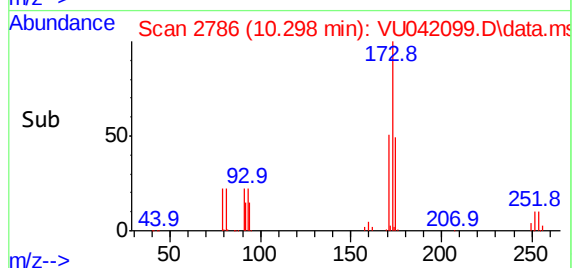
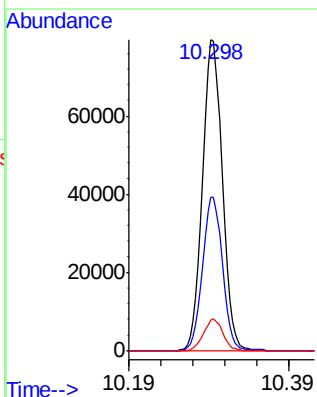
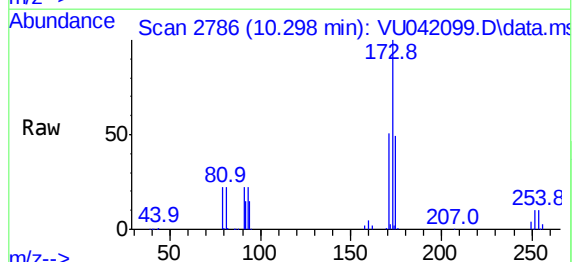
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

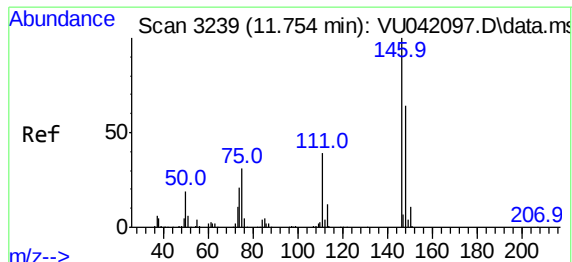
Tgt Ion: 75 Resp: 140373
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0



#61
Bromoform
Concen: 21.63 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion:173 Resp: 131455
Ion Ratio Lower Upper
173 100
175 49.3 38.7 58.1
254 9.6 7.9 11.9

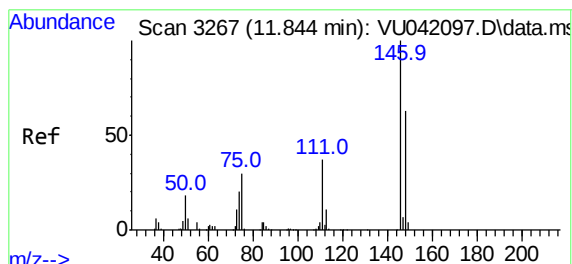
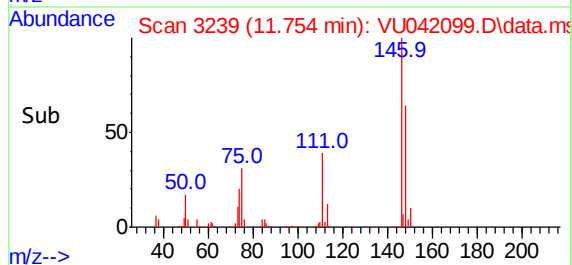
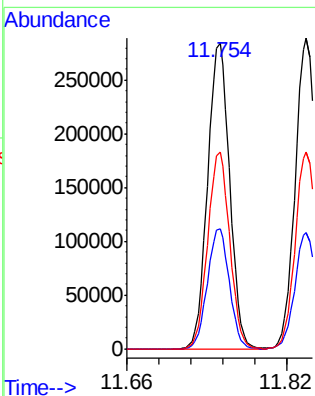
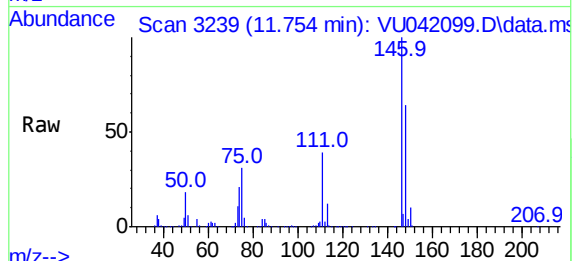




#62
1,3-Dichlorobenzene
Concen: 19.78 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

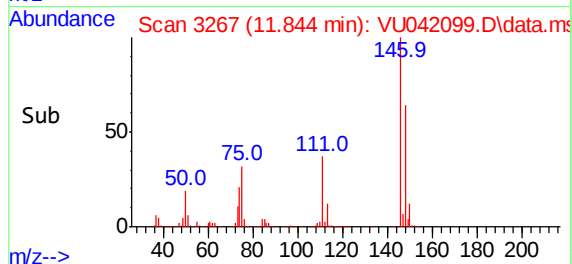
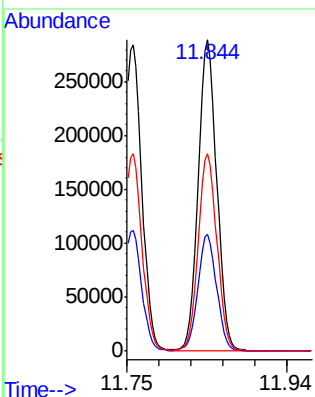
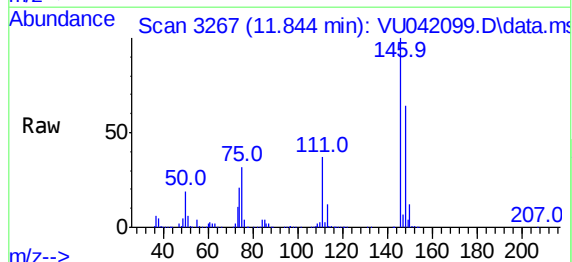
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

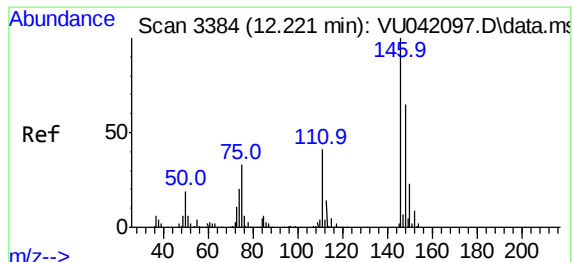
Tgt Ion:146 Resp: 449102
Ion Ratio Lower Upper
146 100
111 39.4 27.2 50.4
148 64.3 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 19.67 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion:146 Resp: 449135
Ion Ratio Lower Upper
146 100
111 37.3 25.8 47.8
148 63.5 44.1 81.9

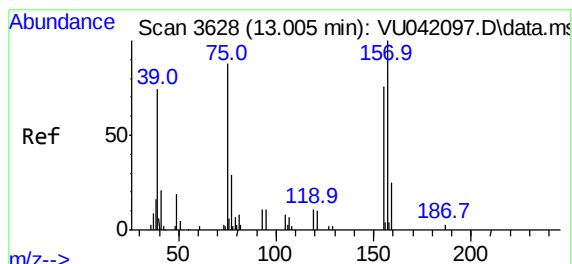
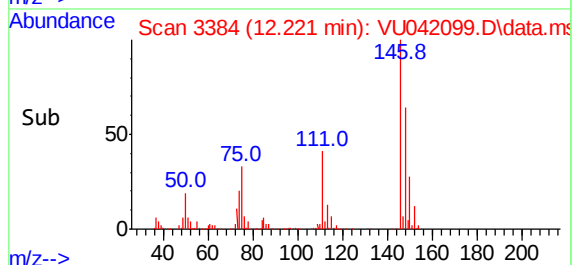
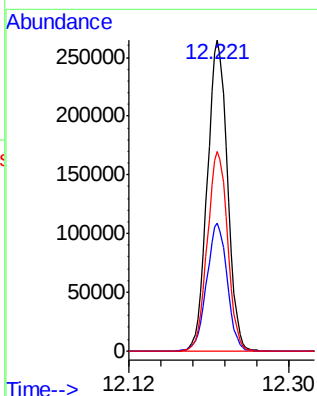
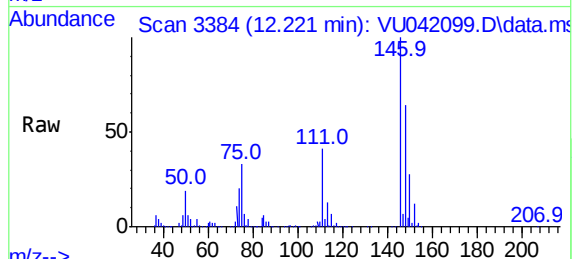




#65
1,2-Dichlorobenzene
Concen: 18.88 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

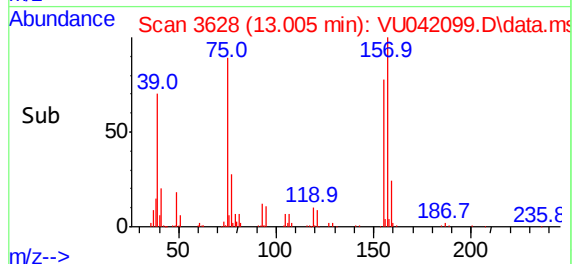
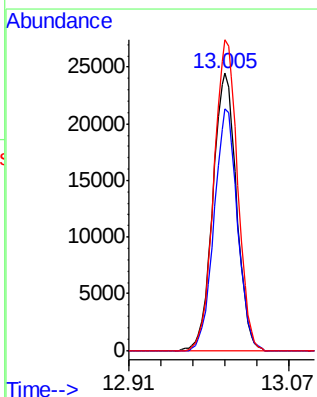
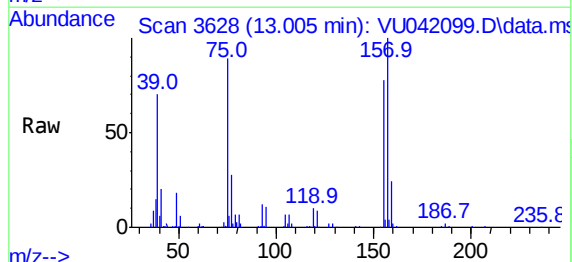
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

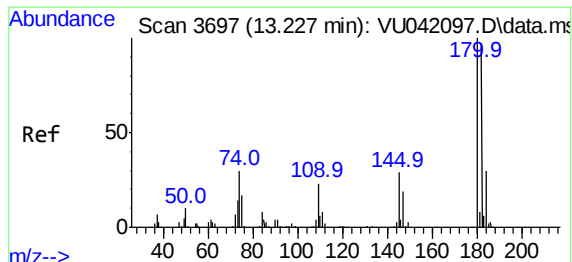
Tgt Ion:146 Resp: 420268
Ion Ratio Lower Upper
146 100
111 41.1 32.7 49.1
148 64.2 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 18.90 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion: 75 Resp: 38992
Ion Ratio Lower Upper
75 100
155 87.3 69.0 103.6
157 112.1 91.0 136.6

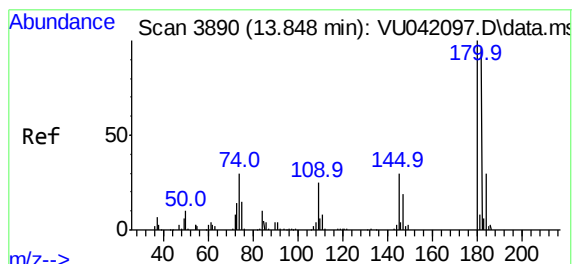
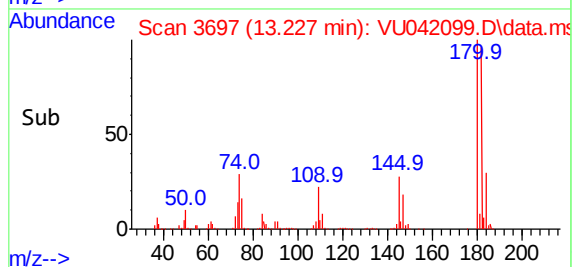
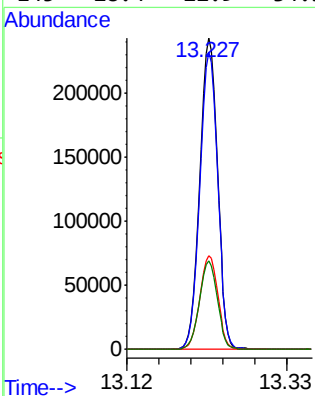
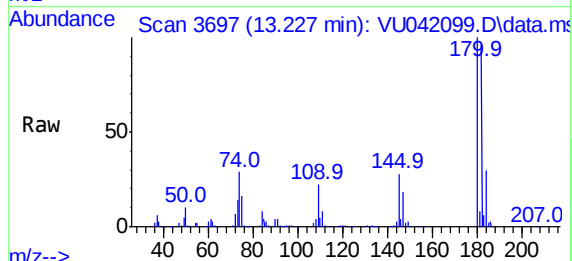




#67
1,3,5-Trichlorobenzene
Concen: 22.72 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

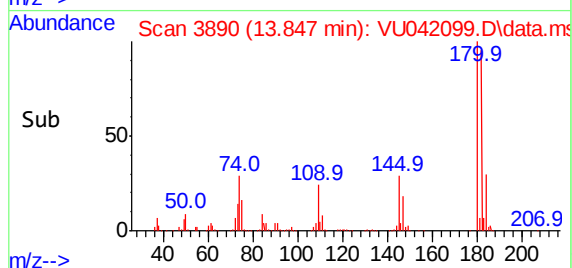
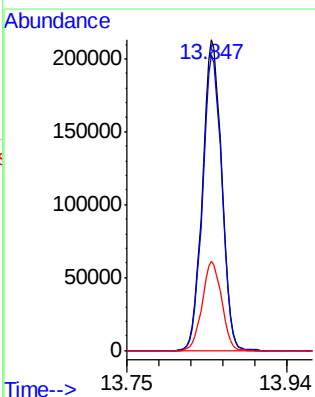
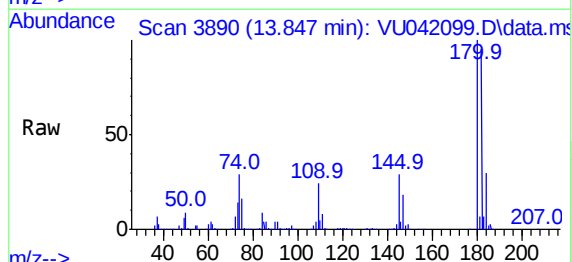
Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

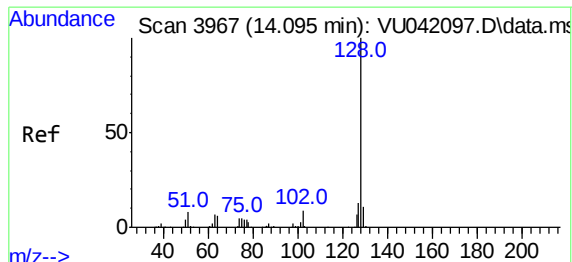
Tgt Ion:180 Resp: 380738
Ion Ratio Lower Upper
180 100
182 96.2 76.4 114.6
184 30.4 23.9 35.9
145 28.4 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 25.93 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion:180 Resp: 331627
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 28.9 23.7 35.5

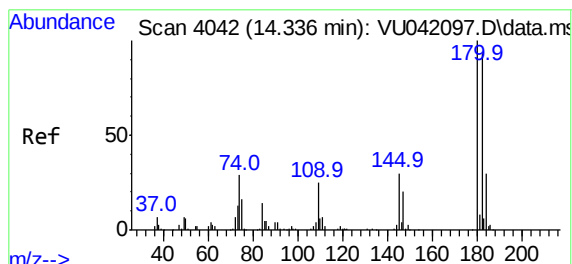
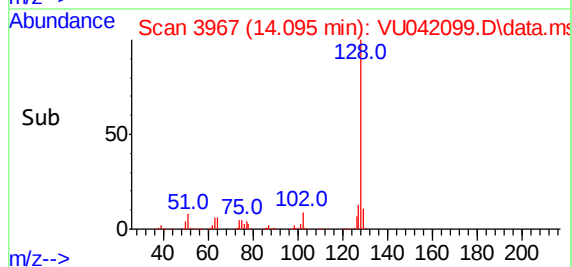
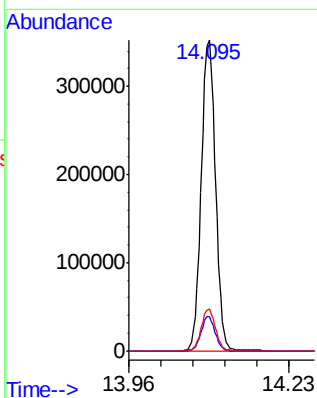
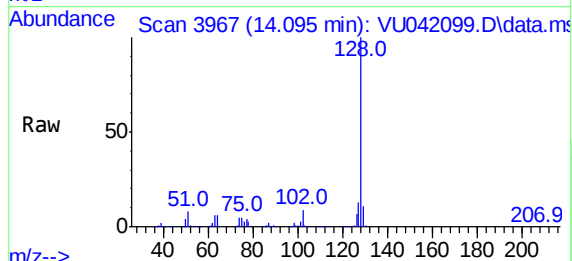




#69
Naphthalene
Concen: 25.31 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

Tgt Ion:128 Resp: 560066
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 24.98 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU042099.D
Acq: 20 Jan 2021 11:53

Tgt Ion:180 Resp: 294065
Ion Ratio Lower Upper
180 100
182 95.7 75.6 113.4
145 30.7 24.7 37.1

