

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042602.D
 Acq On : 12 Mar 2021 10:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Mar 12 10:50:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	78805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	80274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	43187	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25011	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.919	69	20549	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.575	63	56960	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.645	46	82649	47.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.82%
24) Chloroform-d	5.073	84	54688	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.713	65	33749	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.735	84	94615	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.700	67	31221	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	97734	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloroprop...	8.189	79	13423	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.642	63	64181	45.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.38%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27888	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	38327	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	35300	4.81	ug/L	99
3) Chloromethane	1.523	50	34451	4.96	ug/L	99
5) Vinyl chloride	1.607	62	34500	4.95	ug/L	96
6) Bromomethane	1.864	94	21527	5.59	ug/L	97
8) Chloroethane	1.938	64	21303	5.12	ug/L	98
9) Trichlorofluoromethane	2.144	101	60642	5.33	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30026	5.02	ug/L	97
12) 1,1-Dichloroethene	2.588	96	26966	4.86	ug/L	91
13) Acetone	2.655	43	49558	37.28	ug/L	96
14) Carbon disulfide	2.800	76	78719	4.45	ug/L	100
15) Methyl Acetate	2.961	43	13278	4.02	ug/L	98
16) Methylene chloride	3.054	84	29643	4.46	ug/L	91
17) Methyl tert-butyl Ether	3.372	73	71192	4.56	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	27128	4.65	ug/L	97
19) 1,1-Dichloroethane	3.880	63	56323	5.00	ug/L	99
21) 2-Butanone	4.729	43	106028	46.92	ug/L	94
22) cis-1,2-Dichloroethene	4.678	96	30256	4.85	ug/L	99
23) Bromochloromethane	4.983	128	14925	5.03	ug/L	91
25) Chloroform	5.099	83	59467	5.03	ug/L	100

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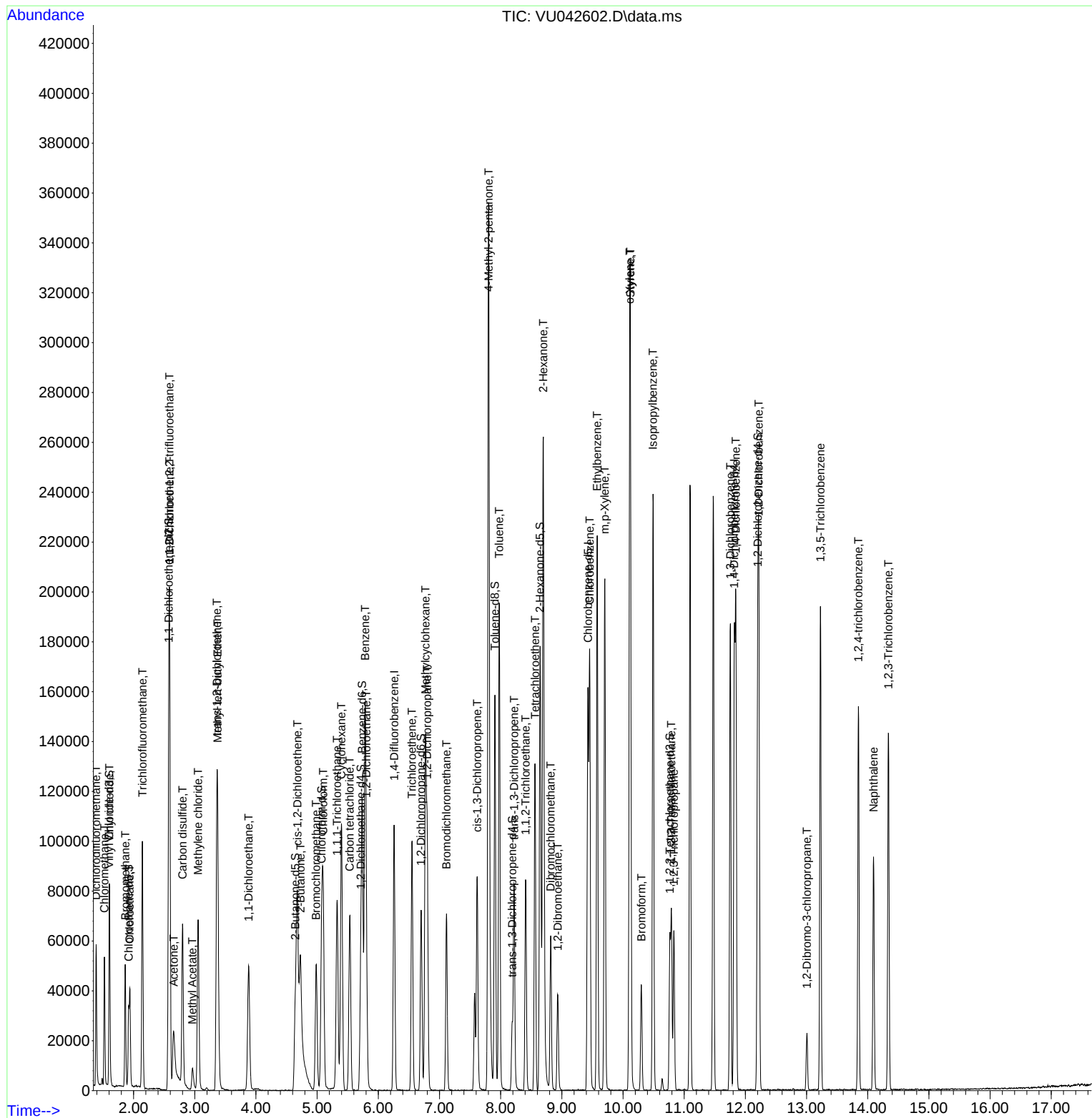
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	43425	4.89	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	53834	4.82	ug/L	97
30) Cyclohexane	5.398	56	49399	4.43	ug/L	99
31) Carbon tetrachloride	5.533	117	46570	4.73	ug/L	99
33) Benzene	5.784	78	121582	4.84	ug/L	100
34) Trichloroethene	6.549	95	31629	4.54	ug/L	98
35) Methylcyclohexane	6.771	83	46094	4.35	ug/L	96
37) 1,2-Dichloropropane	6.800	63	33790	4.98	ug/L	100
38) Bromodichloromethane	7.115	83	42781	4.84	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	45418	4.60	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	271697	45.96	ug/L	95
42) Toluene	7.976	91	131919	4.82	ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	41816	4.59	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	24251	4.85	ug/L	98
47) Tetrachloroethene	8.562	164	27480	4.84	ug/L	98
48) 2-Hexanone	8.697	43	198620	45.54	ug/L	95
49) Dibromochloromethane	8.819	129	29819	4.76	ug/L	96
50) 1,2-Dibromoethane	8.935	107	23925	4.85	ug/L	96
51) Chlorobenzene	9.456	112	82812	4.73	ug/L	98
52) Ethylbenzene	9.578	91	144864	4.69	ug/L	100
53) m,p-Xylene	9.703	106	55020	4.82	ug/L	99
54) o-Xylene	10.108	106	52475	4.74	ug/L	93
55) Styrene	10.121	104	90468	4.81	ug/L	100
56) Isopropylbenzene	10.491	105	145509	4.79	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	30149	4.50	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	23140	4.54	ug/L	97
61) Bromoform	10.301	173	18056	4.63	ug/L	98
62) 1,3-Dichlorobenzene	11.754	146	72080	4.84	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	71862	4.84	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	68953	4.81	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	5063	4.20	ug/L	95
67) 1,3,5-Trichlorobenzene	13.227	180	57197	4.43	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	44465	4.16	ug/L	98
69) Naphthalene	14.095	128	70677	4.07	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	42417	4.37	ug/L	97

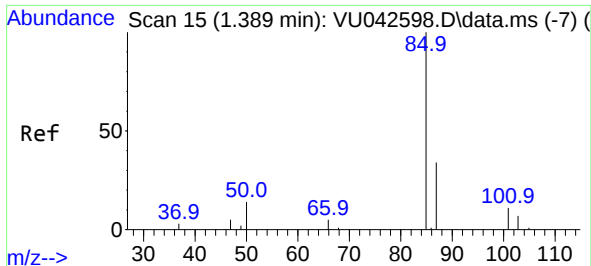
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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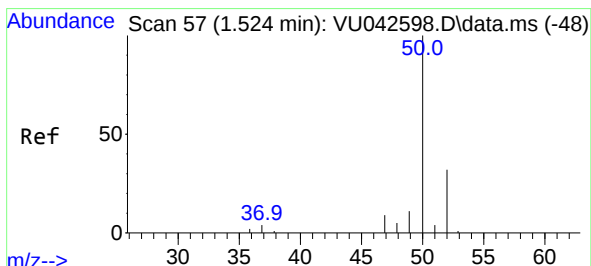
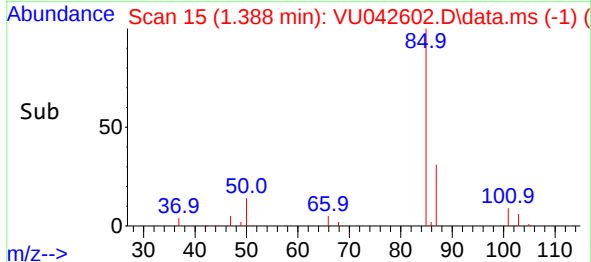
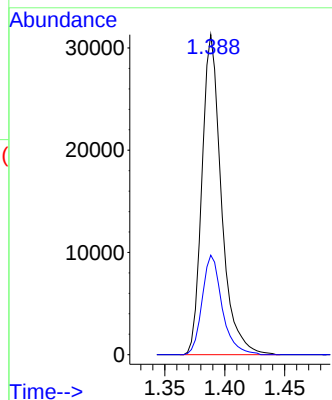
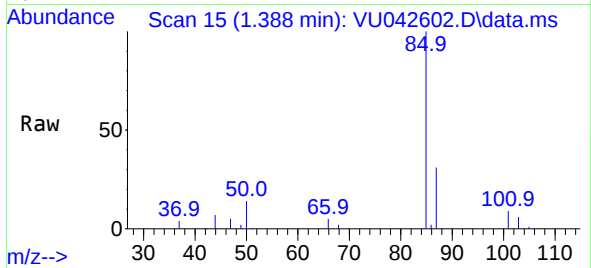




#2
Dichlorodifluoromethane
Concen: 4.81 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

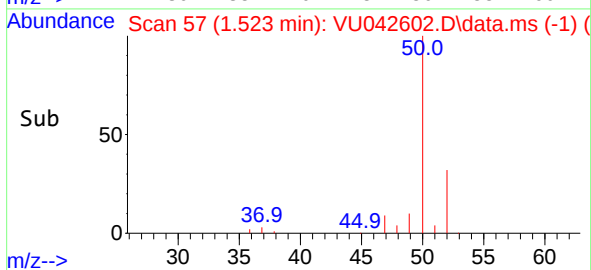
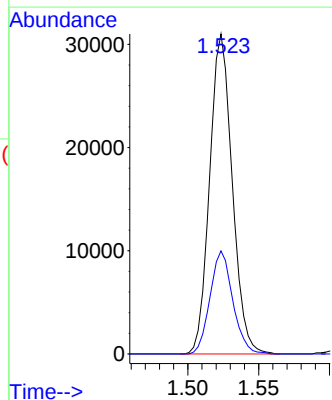
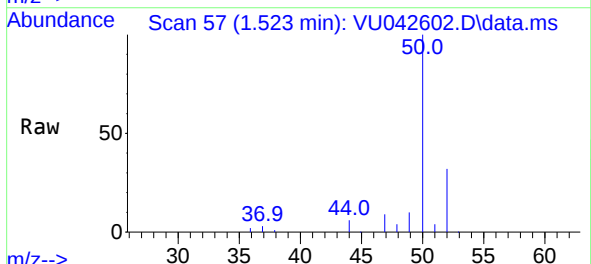
Tgt Ion: 85 Resp: 35300
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1

Instrument :
MSVOA_U
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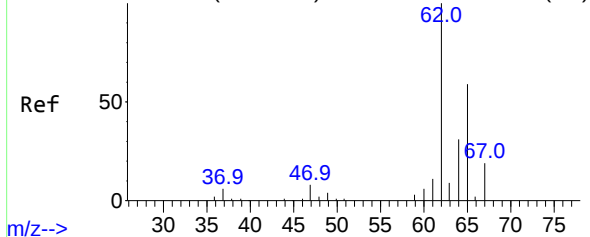


#3
Chloromethane
Concen: 4.96 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 50 Resp: 34451
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.8



Abundance Scan 83 (1.607 min): VU042598.D\data.ms (-74)



#5

Vinyl chloride

Concen: 4.95 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU042602.D

Acq: 12 Mar 2021 10:12

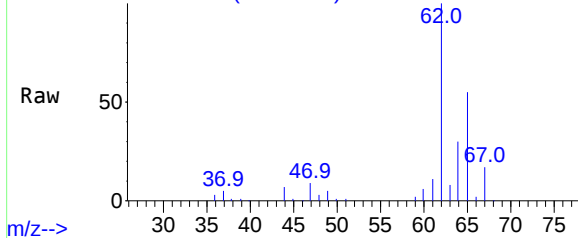
Tgt Ion: 62 Resp: 34500

Ion Ratio Lower Upper

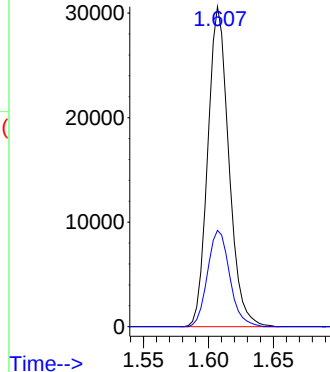
62 100

64 30.1 22.7 42.1

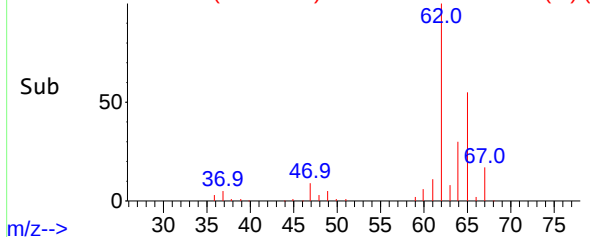
Abundance Scan 83 (1.607 min): VU042602.D\data.ms



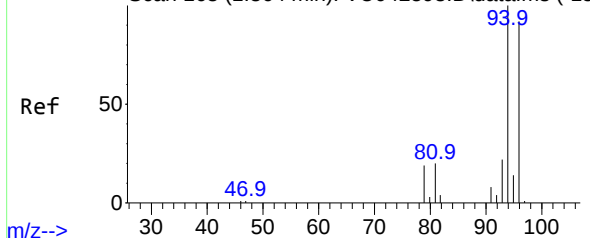
Abundance



Abundance Scan 83 (1.607 min): VU042602.D\data.ms (-1)



Abundance Scan 163 (1.864 min): VU042598.D\data.ms (-15)



#6

Bromomethane

Concen: 5.59 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.000 min

Lab File: VU042602.D

Acq: 12 Mar 2021 10:12

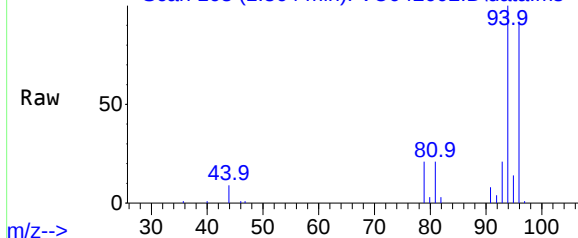
Tgt Ion: 94 Resp: 21527

Ion Ratio Lower Upper

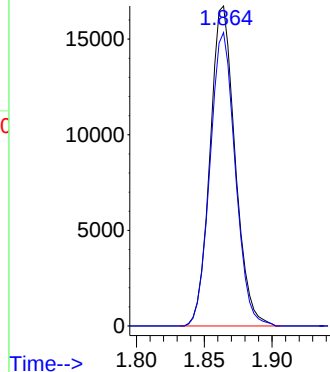
94 100

96 91.7 66.5 123.5

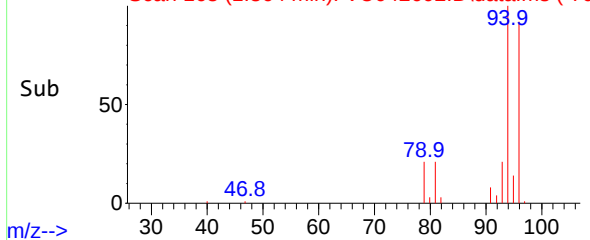
Abundance Scan 163 (1.864 min): VU042602.D\data.ms

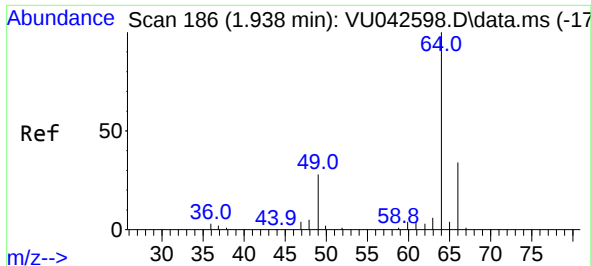


Abundance



Abundance Scan 163 (1.864 min): VU042602.D\data.ms (-70)

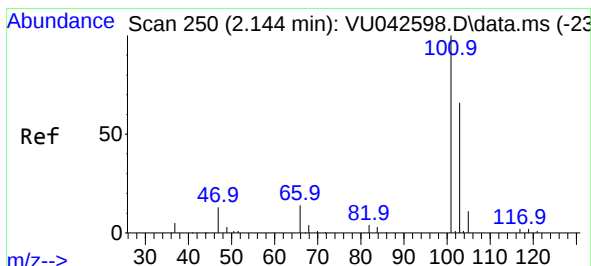
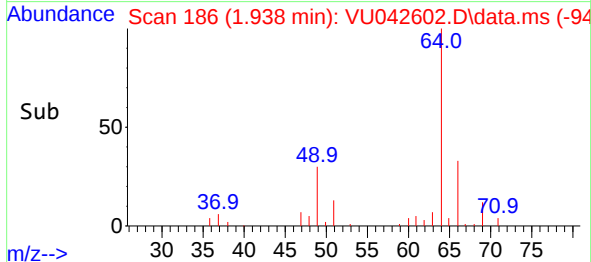
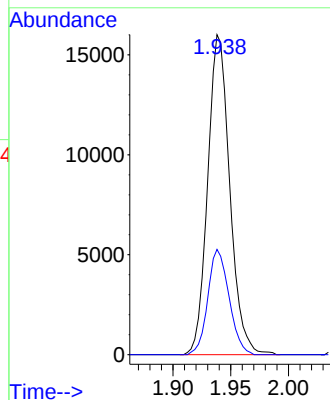
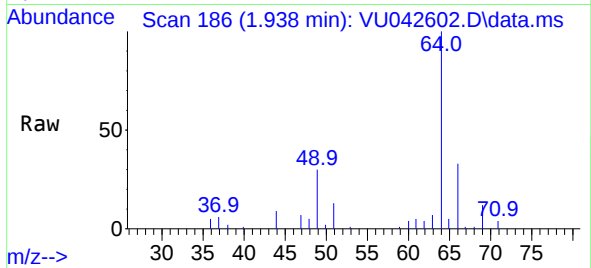




#8
Chloroethane
Concen: 5.12 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

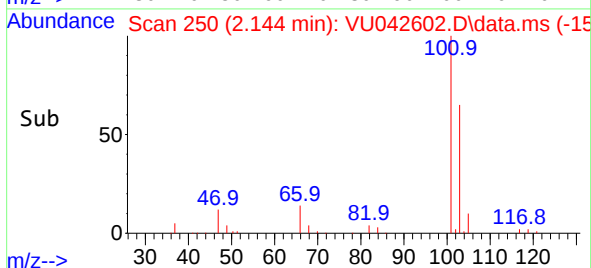
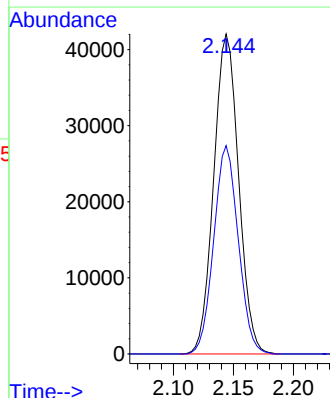
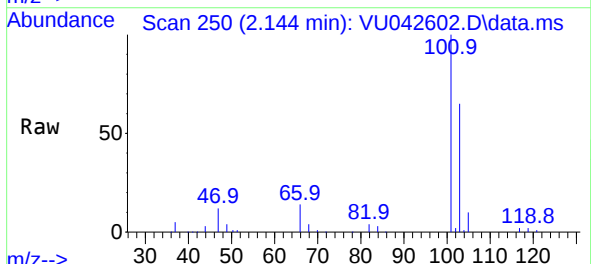
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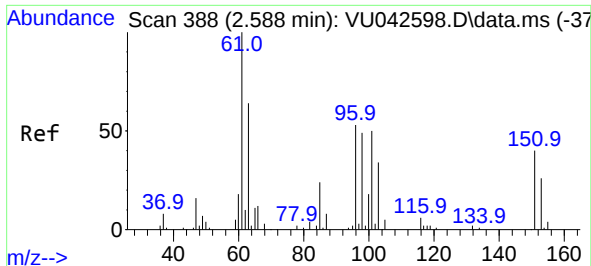
Tgt Ion: 64 Resp: 21303
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.33 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion:101 Resp: 60642
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

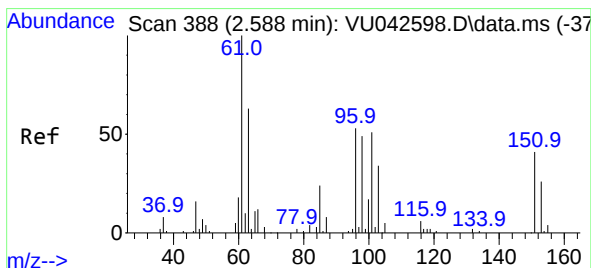
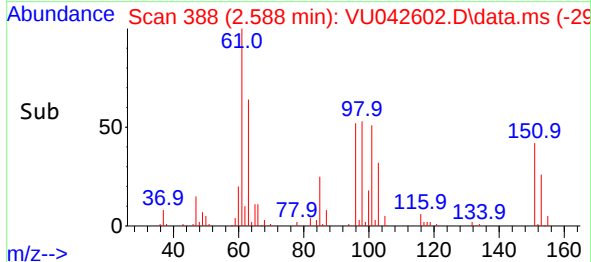
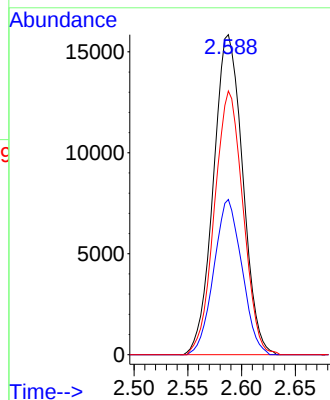
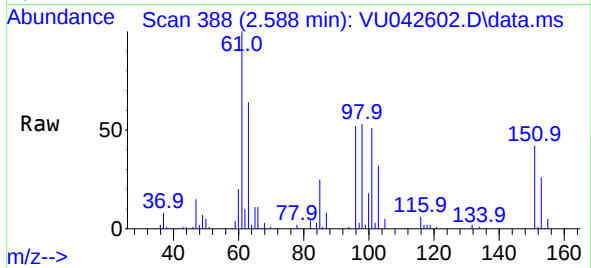




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.02 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

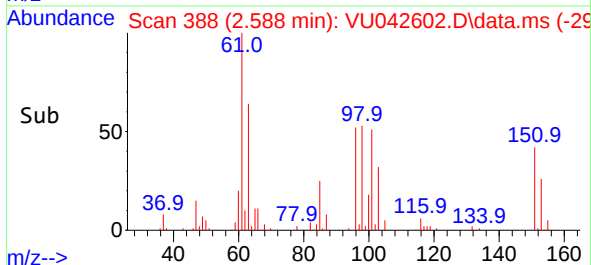
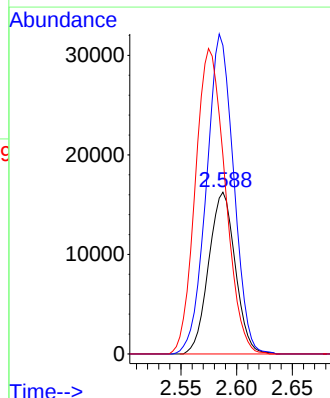
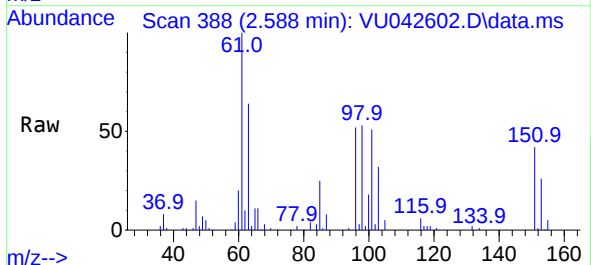
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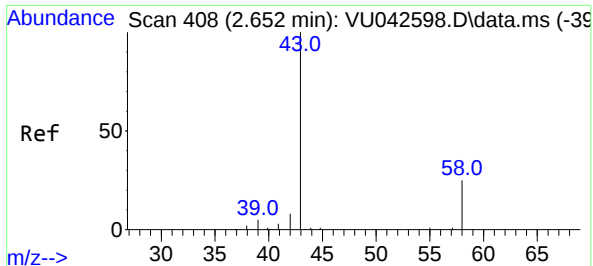
Tgt Ion:101 Resp: 30026
Ion Ratio Lower Upper
101 100
85 46.5 34.6 51.8
151 80.4 62.7 94.1



#12
1,1-Dichloroethene
Concen: 4.86 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 96 Resp: 26966
Ion Ratio Lower Upper
96 100
61 190.8 126.2 234.4
63 122.7 77.8 144.4

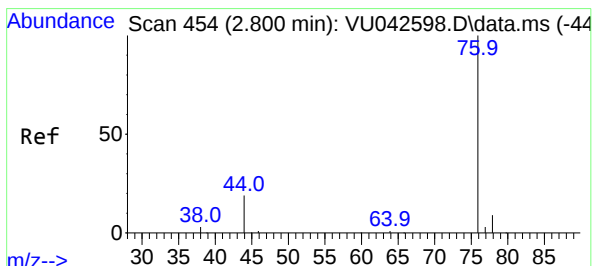
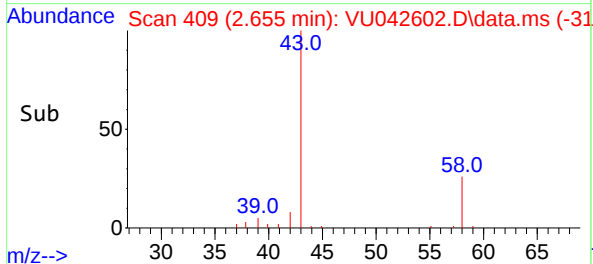
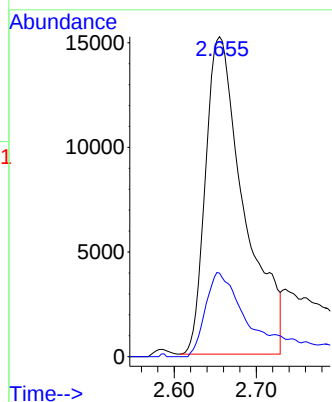
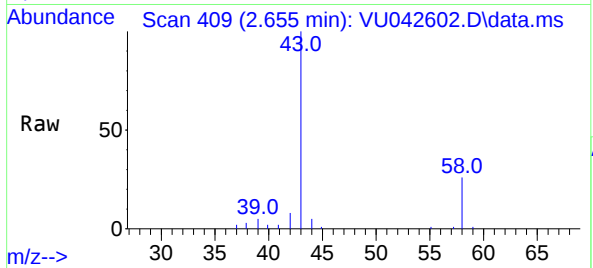




#13
Acetone
Concen: 37.28 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

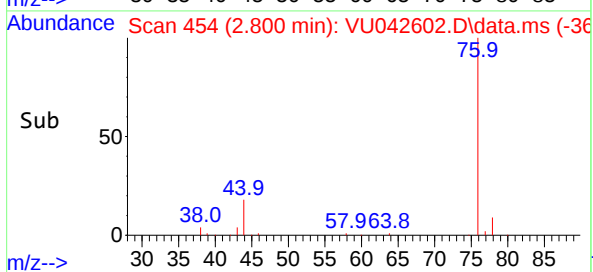
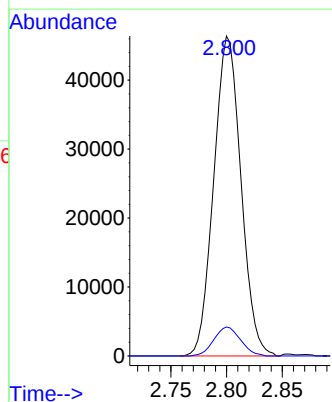
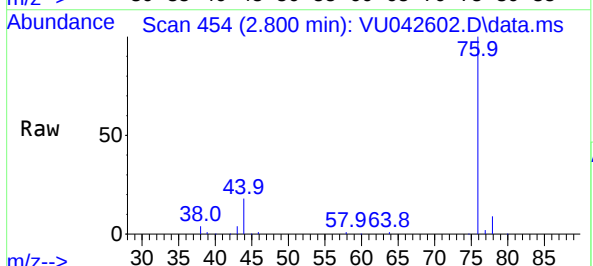
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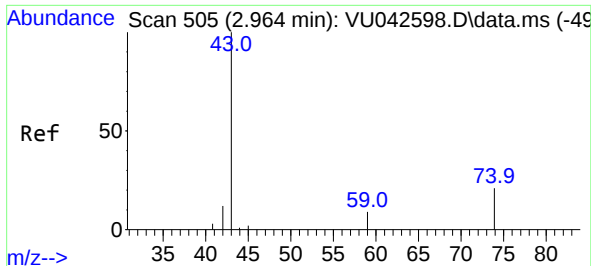
Tgt Ion: 43 Resp: 49558
Ion Ratio Lower Upper
43 100
58 25.7 0.0 55.8



#14
Carbon disulfide
Concen: 4.45 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 76 Resp: 78719
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

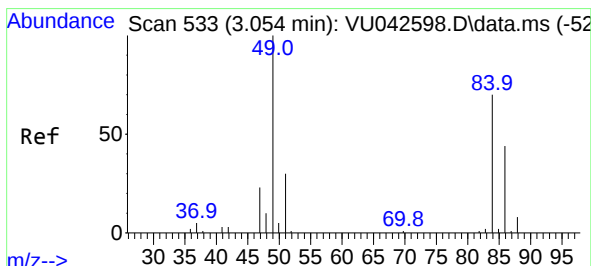
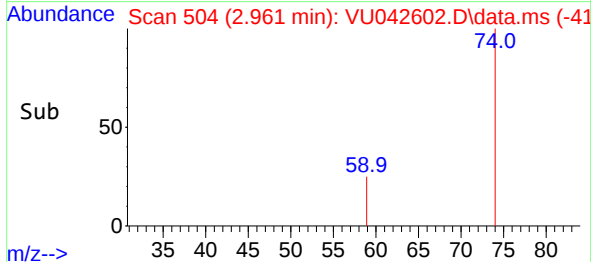
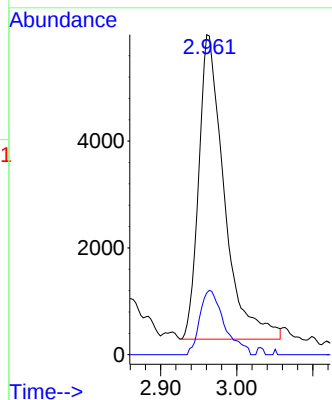
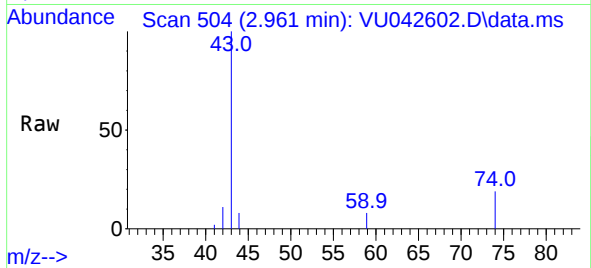




#15
Methyl Acetate
Concen: 4.02 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

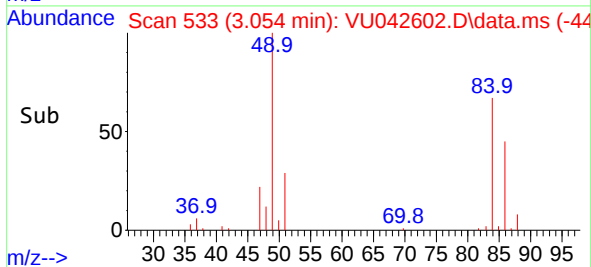
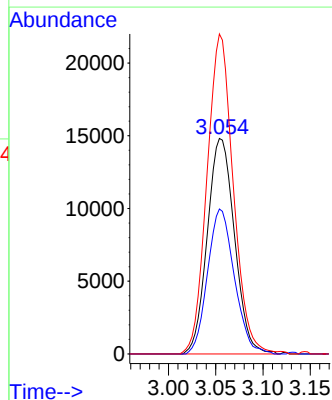
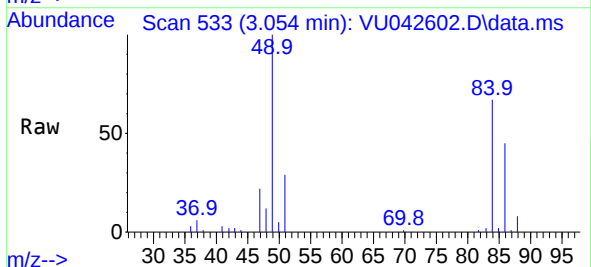
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

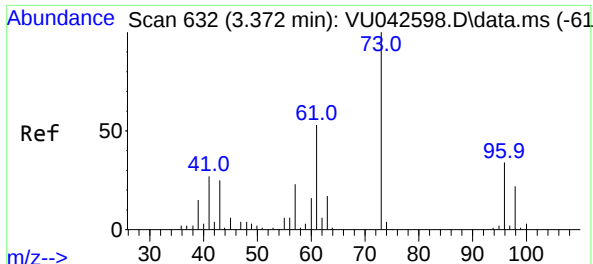
Tgt Ion: 43 Resp: 13278
Ion Ratio Lower Upper
43 100
74 20.3 16.9 25.3



#16
Methylene chloride
Concen: 4.46 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 84 Resp: 29643
Ion Ratio Lower Upper
84 100
86 67.3 44.1 81.9
49 148.5 95.0 176.4



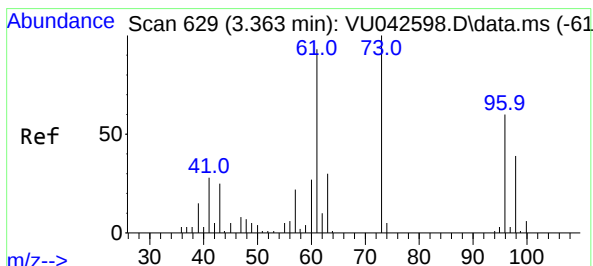
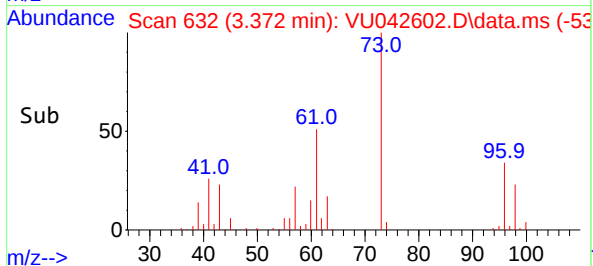
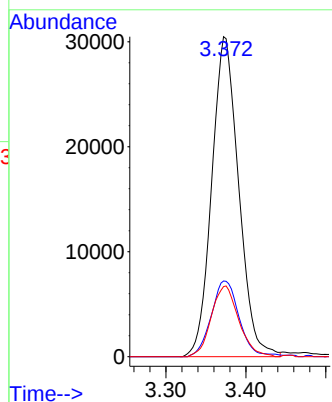
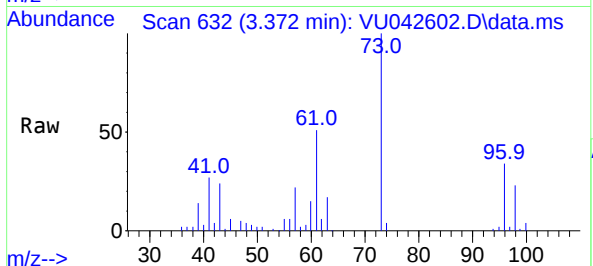


#17
Methyl tert-butyl Ether
Concen: 4.56 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion: 73 Resp: 71192

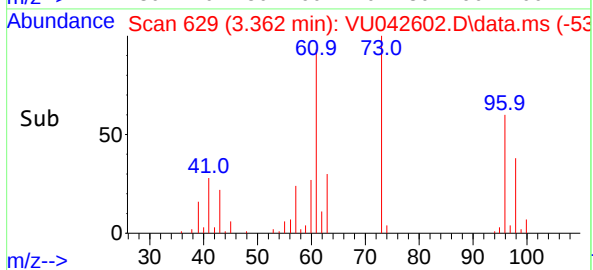
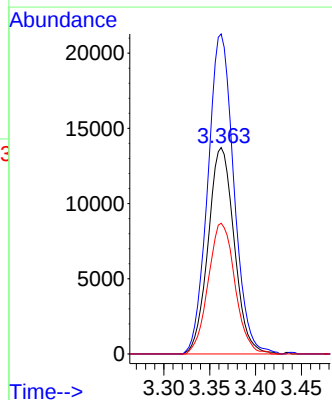
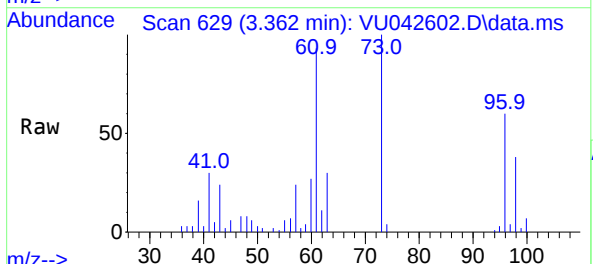
Ion	Ratio	Lower	Upper
73	100		
43	24.6	18.9	28.3
57	22.6	18.2	27.4

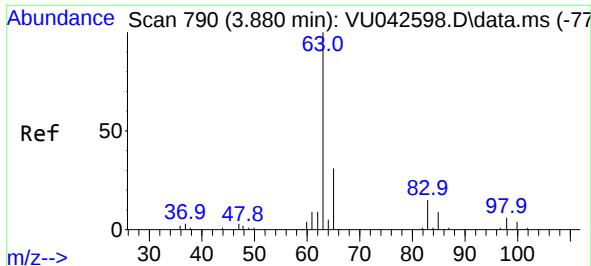


#18
trans-1,2-Dichloroethene
Concen: 4.65 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 96 Resp: 27128

Ion	Ratio	Lower	Upper
96	100		
61	155.1	105.7	196.3
98	63.4	42.8	79.6

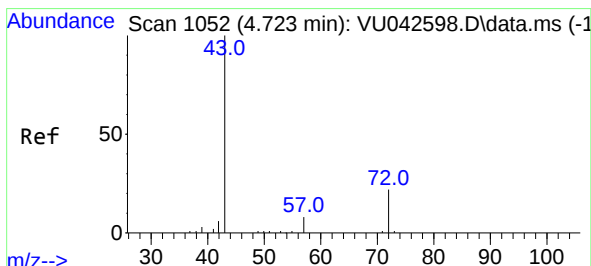
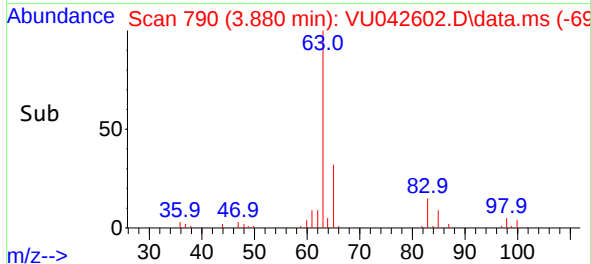
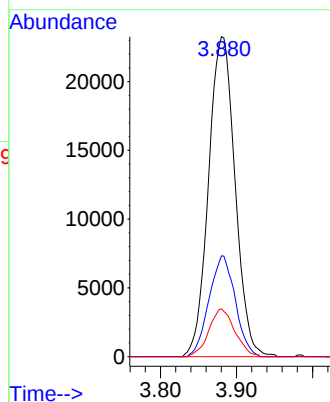
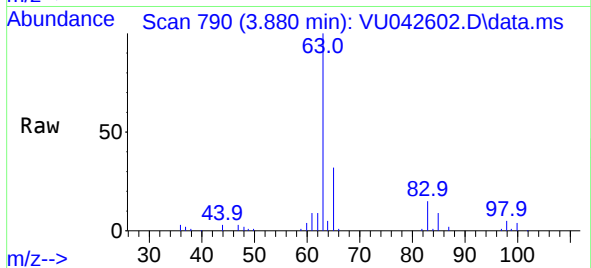




#19
1,1-Dichloroethane
Concen: 5.00 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

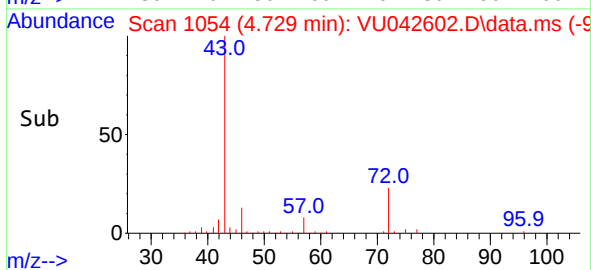
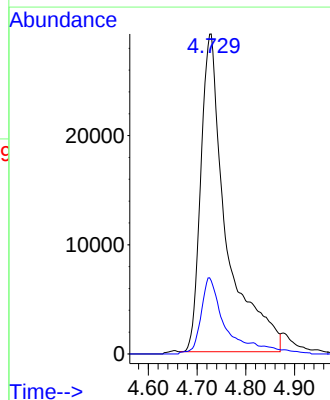
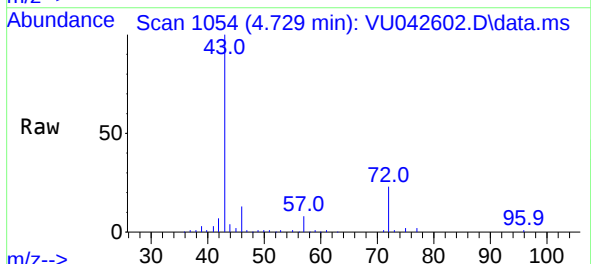
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

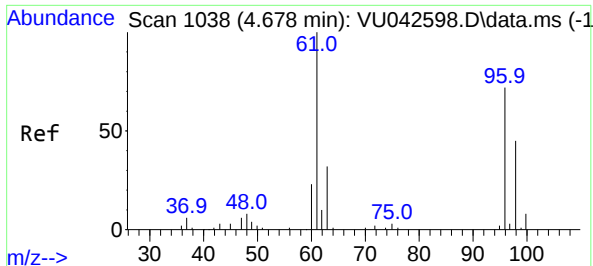
Tgt Ion:	63	Resp:	56323
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.5	41.9
83	14.9	10.1	18.7



#21
2-Butanone
Concen: 46.92 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion:	43	Resp:	106028
Ion	Ratio	Lower	Upper
43	100		
72	20.5	11.7	35.1

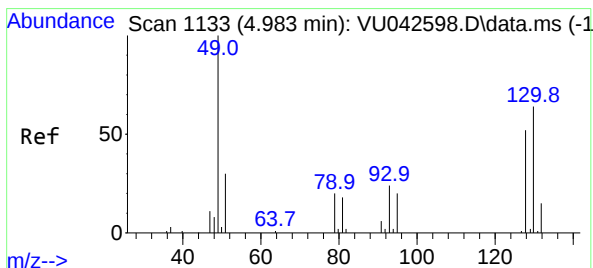
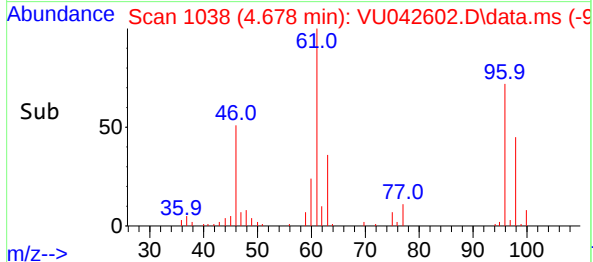
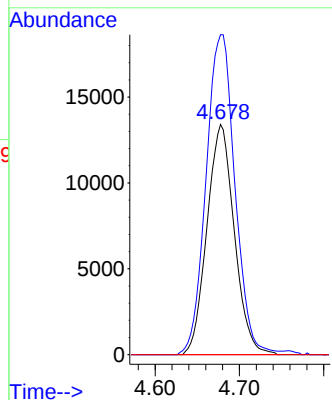
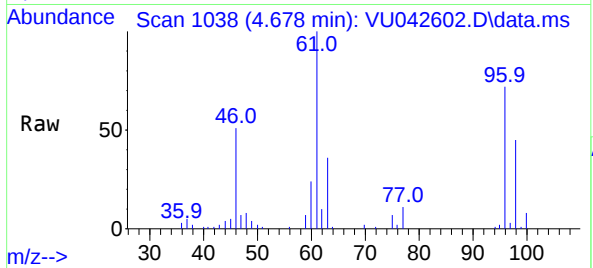




#22
cis-1,2-Dichloroethene
Concen: 4.85 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

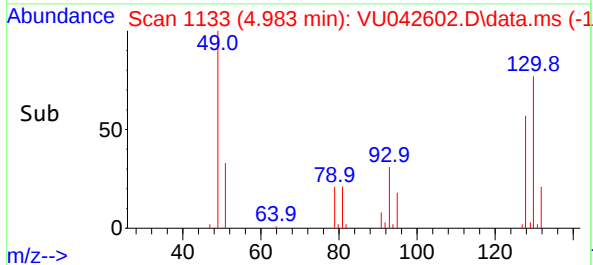
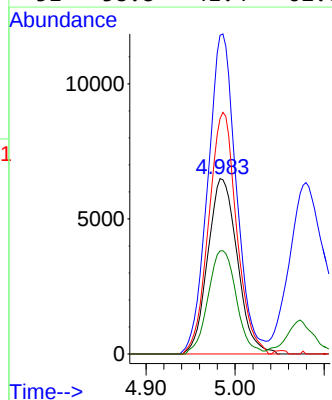
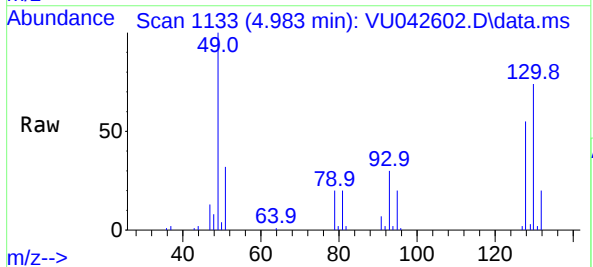
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

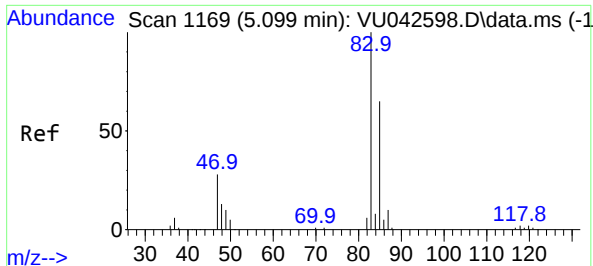
Tgt Ion: 96 Resp: 30256
Ion Ratio Lower Upper
96 100
61 139.0 97.8 181.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.03 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 128 Resp: 14925
Ion Ratio Lower Upper
128 100
49 181.8 117.7 218.7
130 134.2 87.9 163.3
51 58.8 41.4 62.0

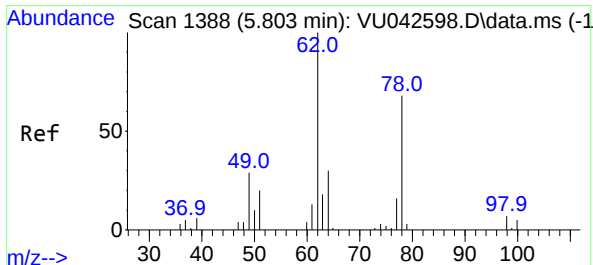
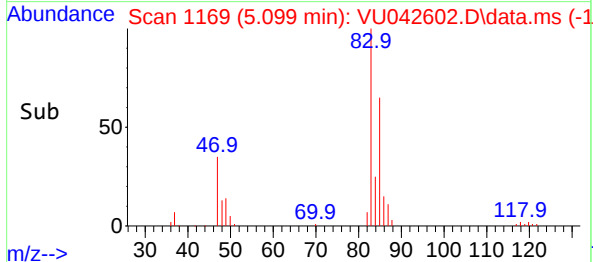
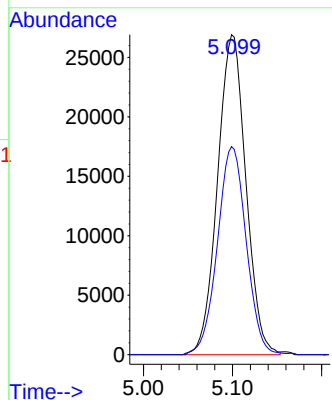
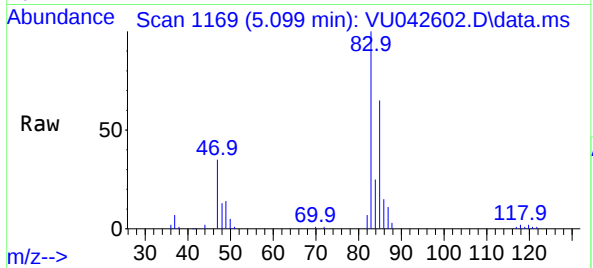




#25
Chloroform
Concen: 5.03 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

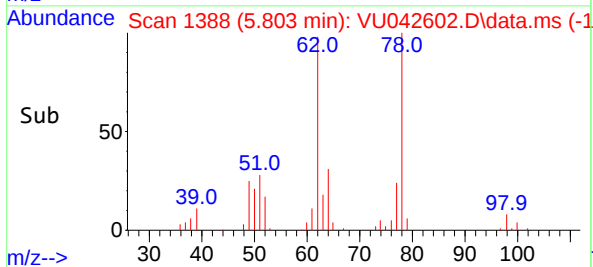
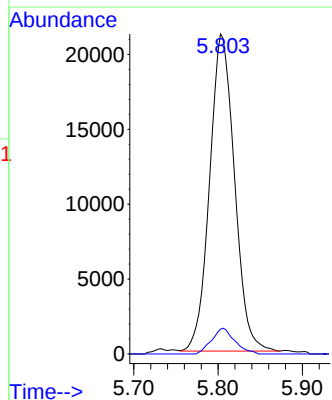
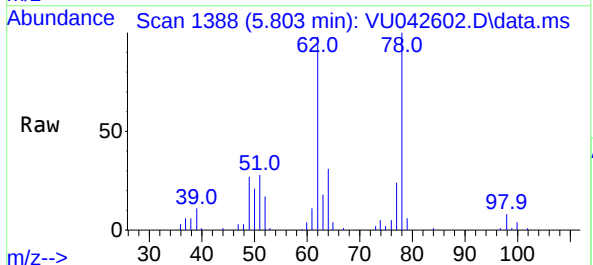
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

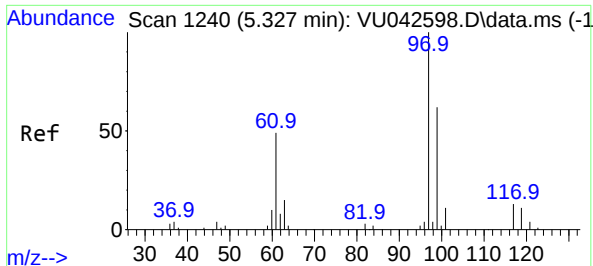
Tgt Ion: 83 Resp: 59467
Ion Ratio Lower Upper
83 100
85 65.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.89 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 62 Resp: 43425
Ion Ratio Lower Upper
62 100
98 7.8 7.3 10.9



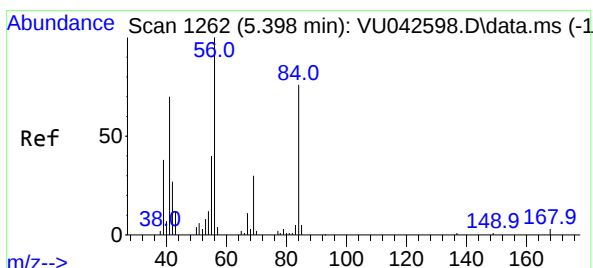
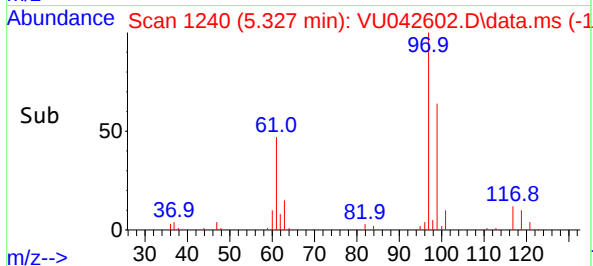
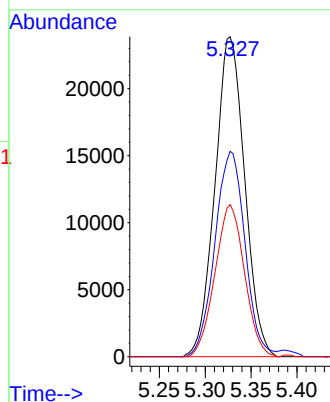
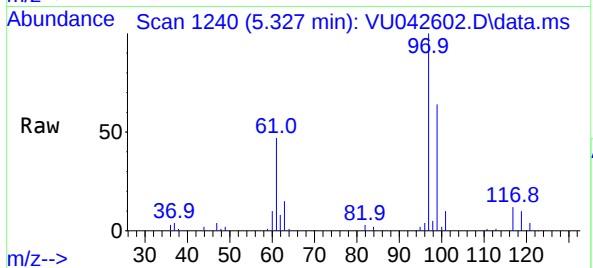


#29
1,1,1-Trichloroethane
Concen: 4.82 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion: 97 Resp: 53834

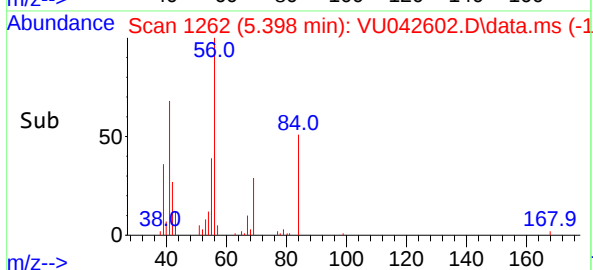
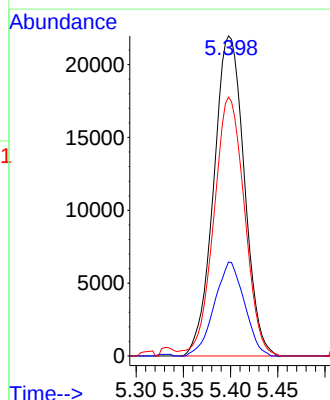
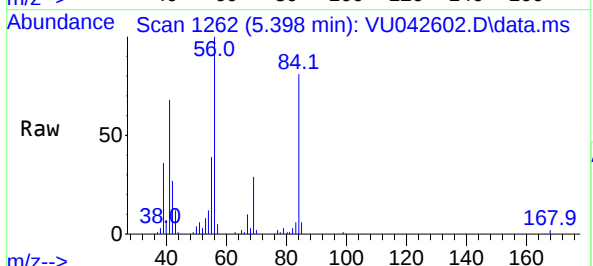
Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.8	76.2
61	47.2	35.8	53.6

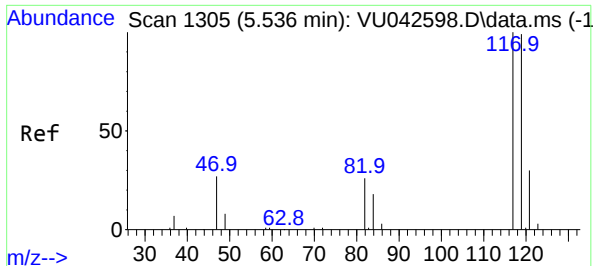


#30
Cyclohexane
Concen: 4.43 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 56 Resp: 49399

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.7	35.5
84	81.1	65.3	97.9

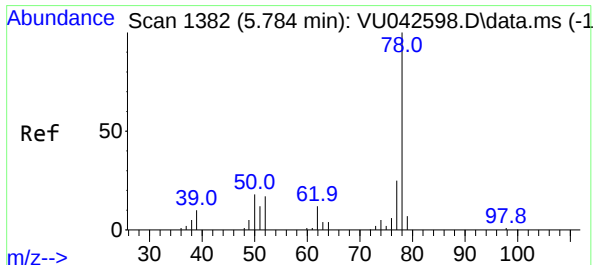
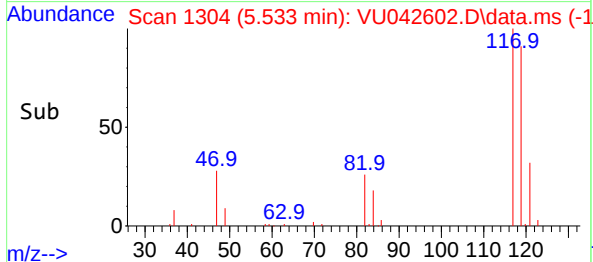
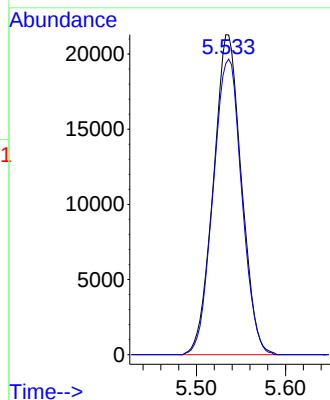
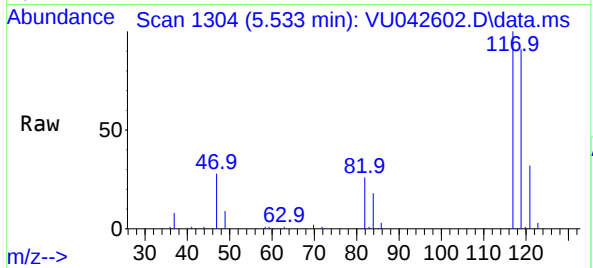




#31
Carbon tetrachloride
Concen: 4.73 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

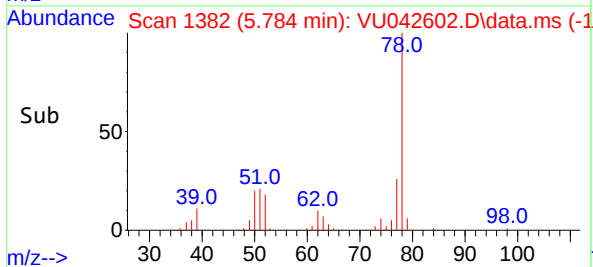
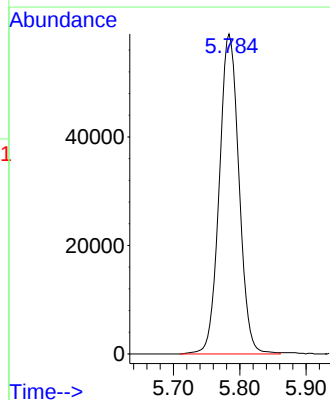
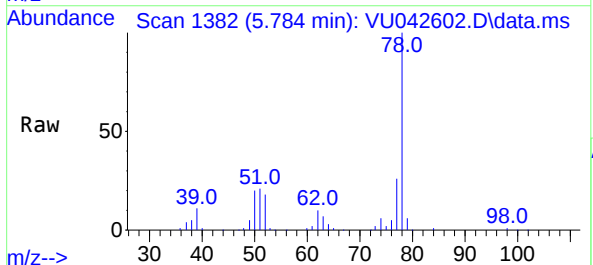
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

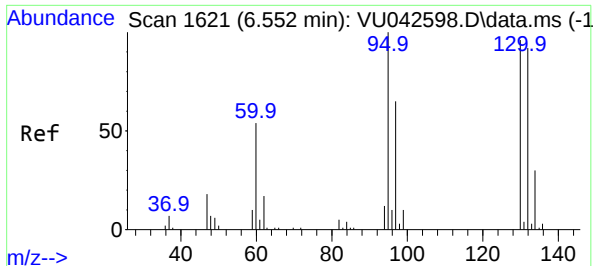
Tgt Ion:117 Resp: 46570
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.4



#33
Benzene
Concen: 4.84 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 78 Resp: 121582



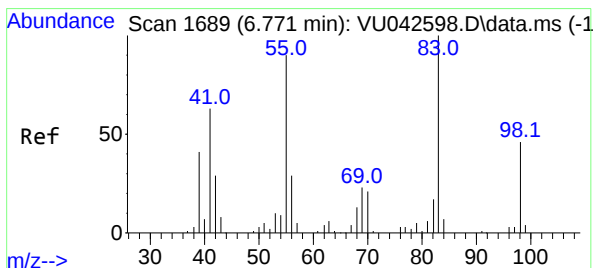
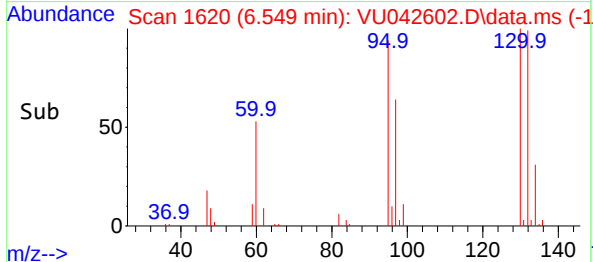
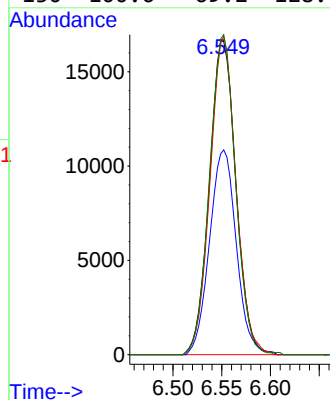
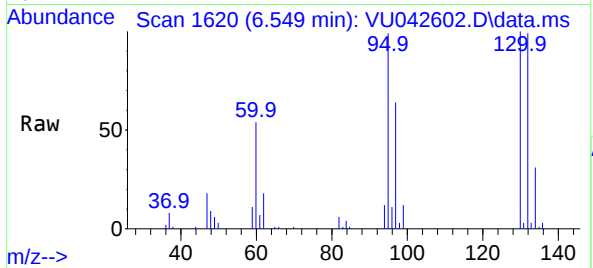


#34
Trichloroethene
Concen: 4.54 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion: 95 Resp: 31629

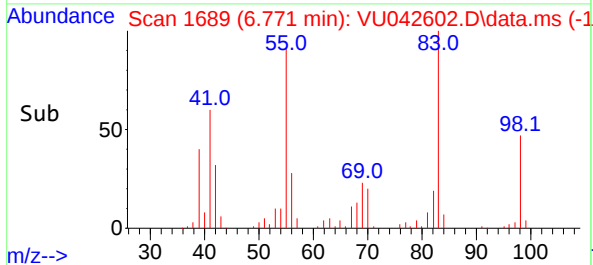
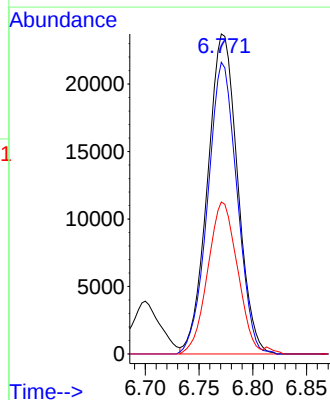
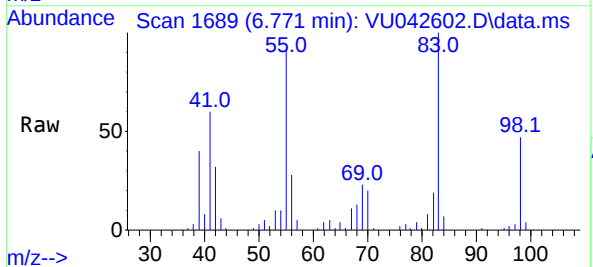
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.4	82.4
132	99.1	68.0	126.4
130	100.6	69.2	128.4

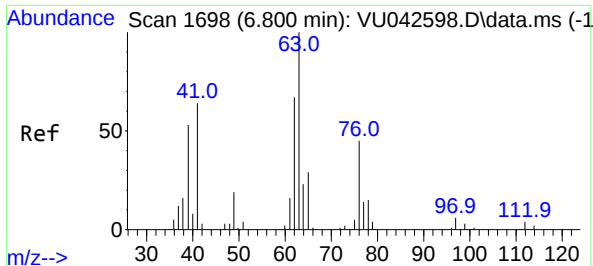


#35
Methylcyclohexane
Concen: 4.35 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 83 Resp: 46094

Ion	Ratio	Lower	Upper
83	100		
55	88.7	68.2	102.4
98	46.9	39.7	59.5

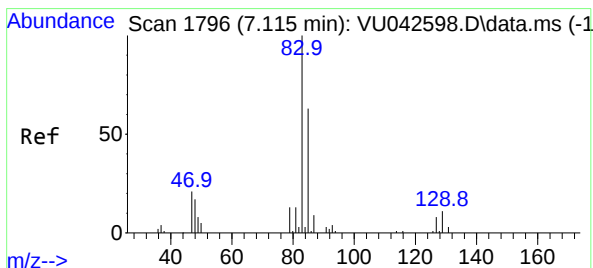
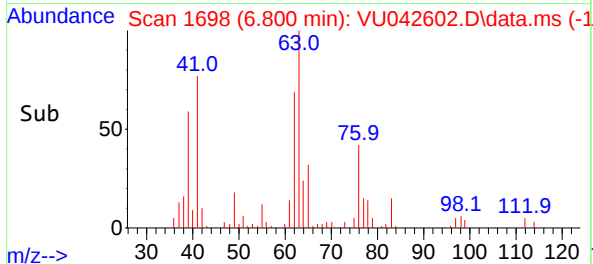
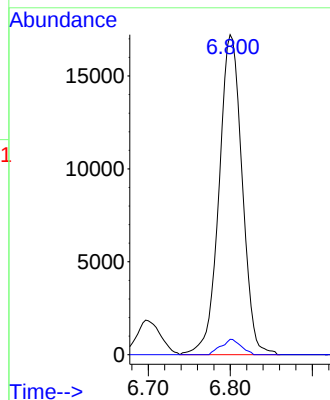
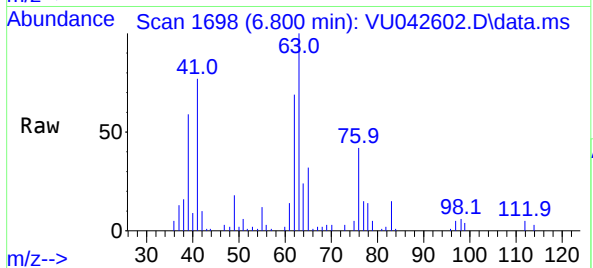




#37
1,2-Dichloropropane
Concen: 4.98 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

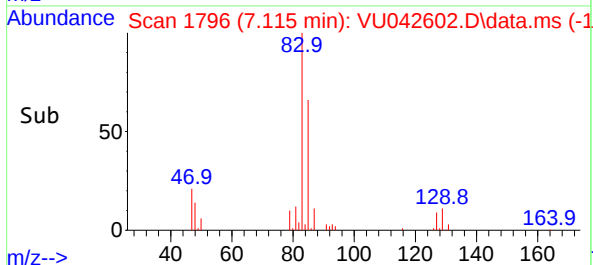
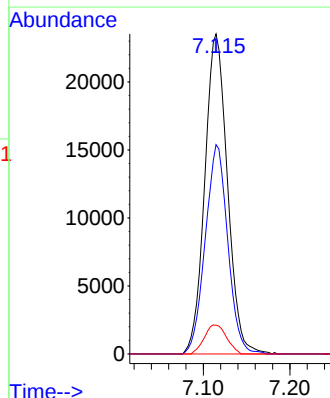
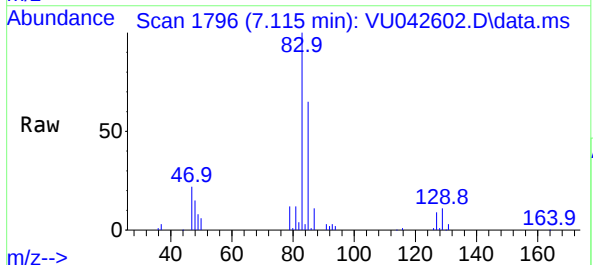
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

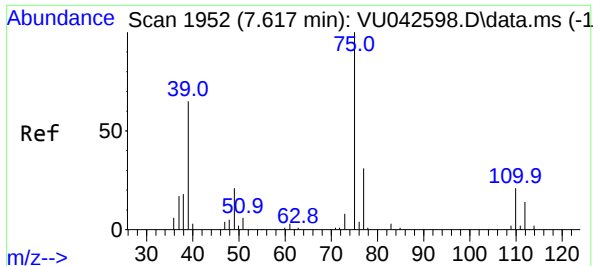
Tgt Ion: 63 Resp: 33790
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.0



#38
Bromodichloromethane
Concen: 4.84 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 83 Resp: 42781
Ion Ratio Lower Upper
83 100
85 65.4 46.0 85.4
127 9.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.60 ug/L

RT: 7.616 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VU042602.D

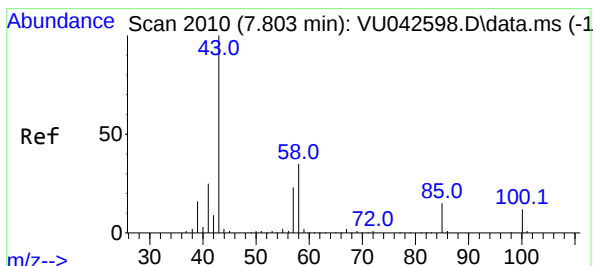
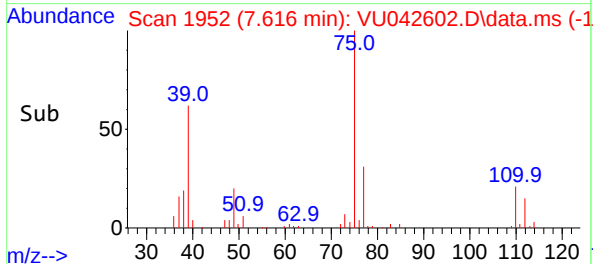
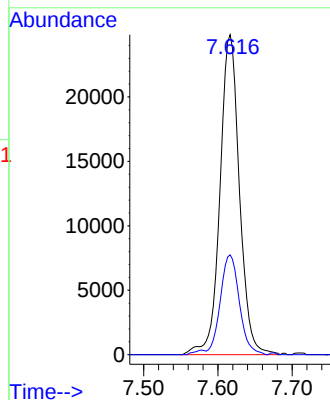
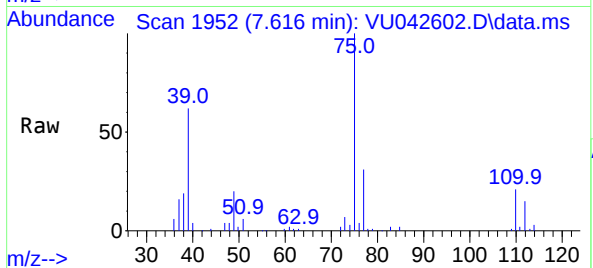
Acq: 12 Mar 2021 10:12

Tgt Ion: 75 Resp: 45418

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 45.96 ug/L

RT: 7.803 min Scan# 2010

Delta R.T. 0.000 min

Lab File: VU042602.D

Acq: 12 Mar 2021 10:12

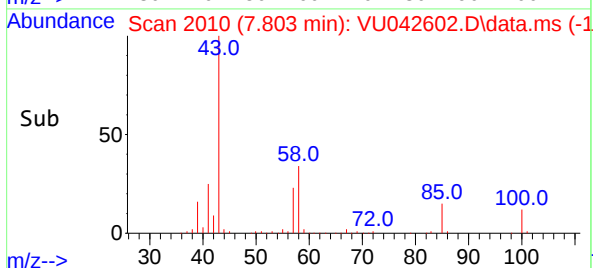
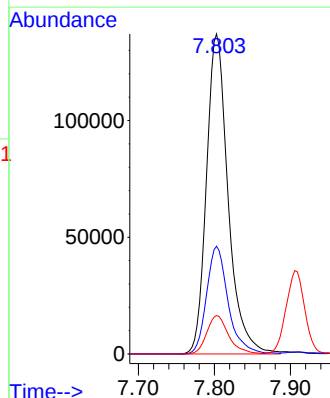
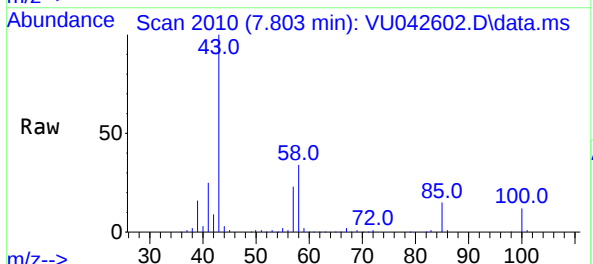
Tgt Ion: 43 Resp: 271697

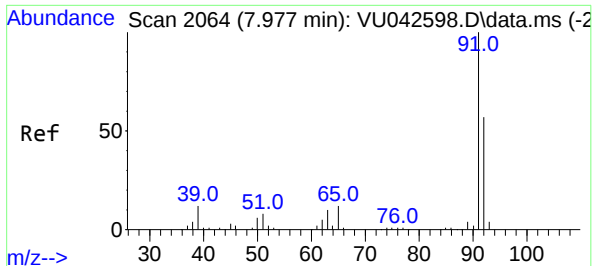
Ion Ratio Lower Upper

43 100

58 33.6 29.1 43.7

100 12.1 11.0 16.4

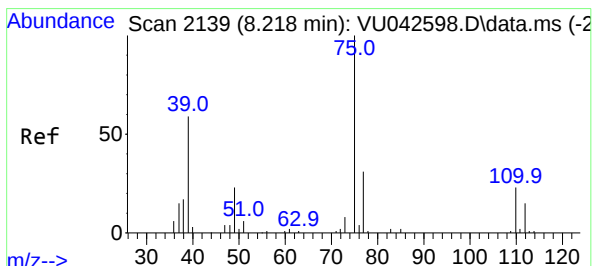
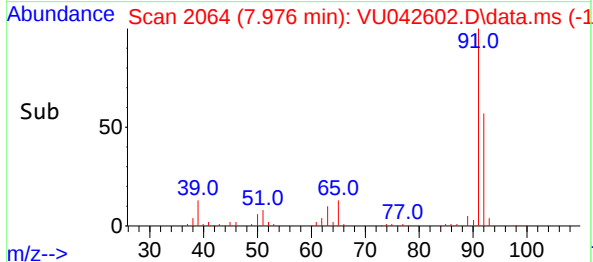
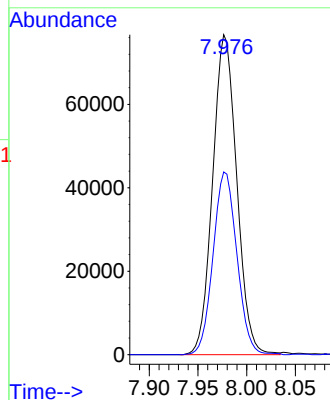
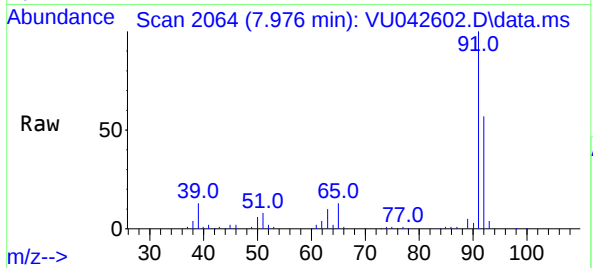




#42
Toluene
Concen: 4.82 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

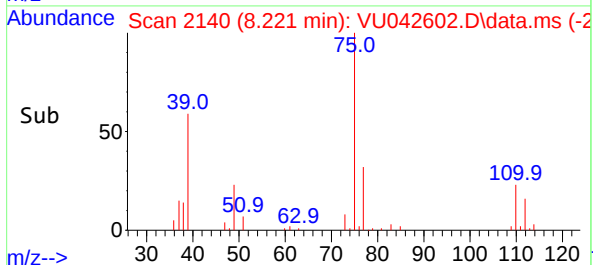
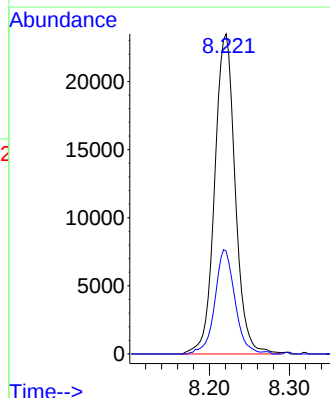
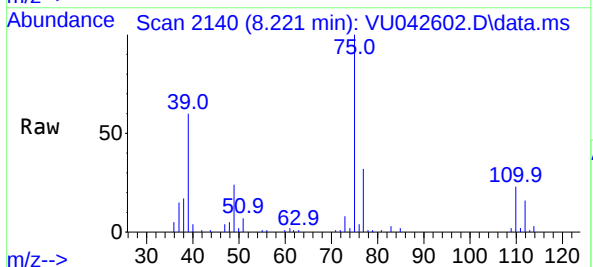
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

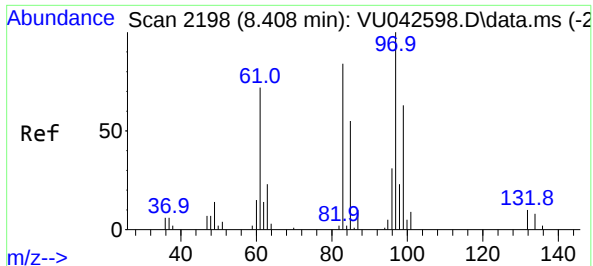
Tgt Ion: 91 Resp: 131919
Ion Ratio Lower Upper
91 100
92 57.1 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.59 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 75 Resp: 41816
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 4.85 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. 0.000 min

Lab File: VU042602.D

Acq: 12 Mar 2021 10:12

Tgt Ion: 97 Resp: 24251

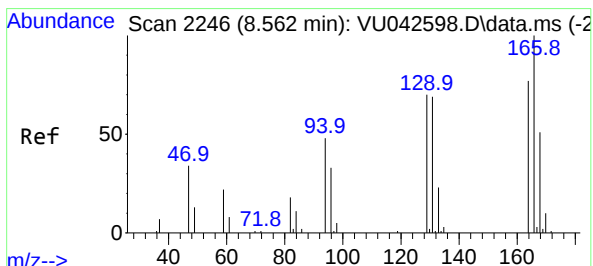
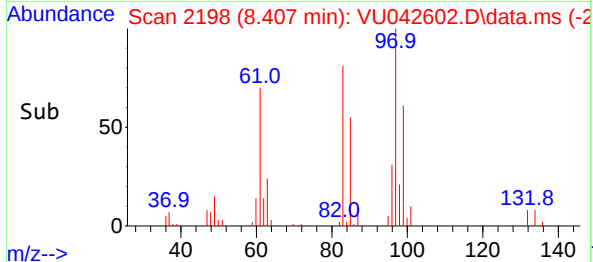
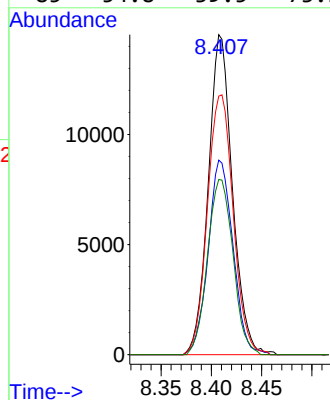
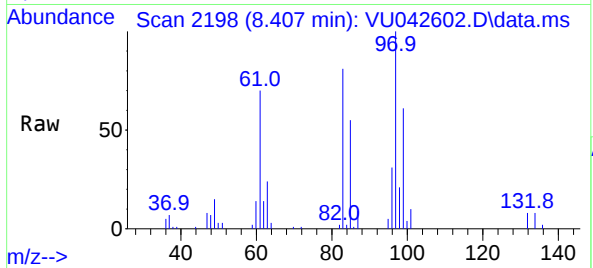
Ion Ratio Lower Upper

97 100

99 60.8 44.0 81.8

83 80.8 57.6 107.0

85 54.8 39.5 73.3



#47

Tetrachloroethene

Concen: 4.84 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU042602.D

Acq: 12 Mar 2021 10:12

Tgt Ion:164 Resp: 27480

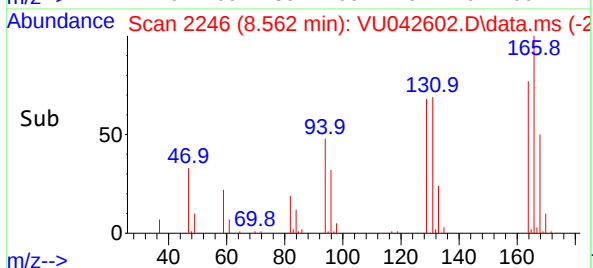
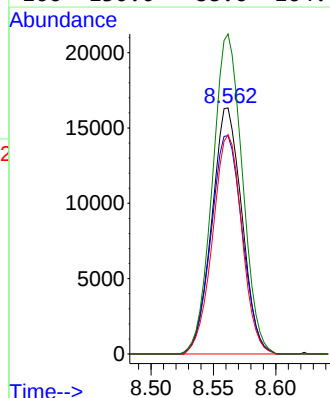
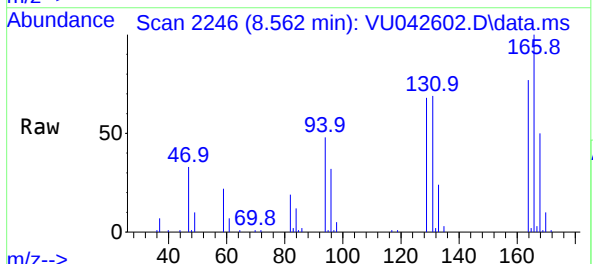
Ion Ratio Lower Upper

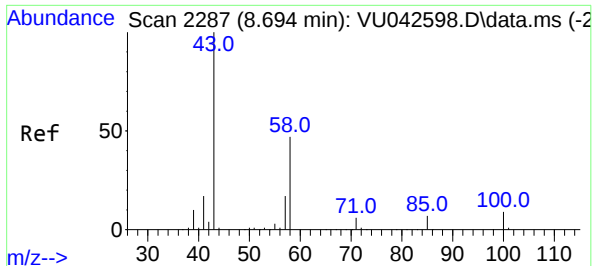
164 100

129 88.7 64.3 119.5

131 89.1 62.2 115.6

166 130.0 88.6 164.6



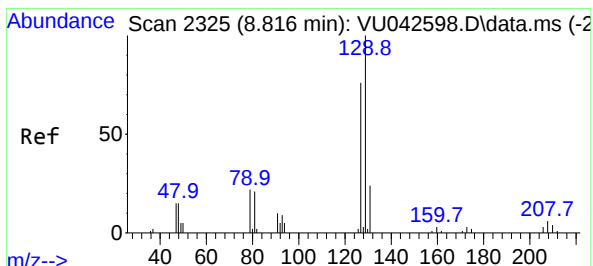
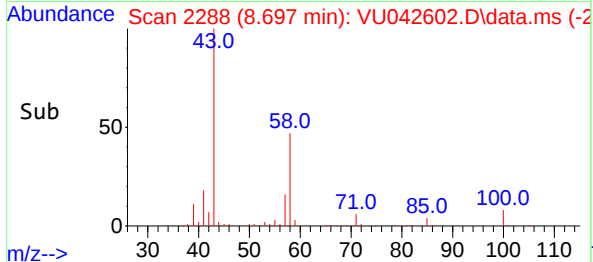
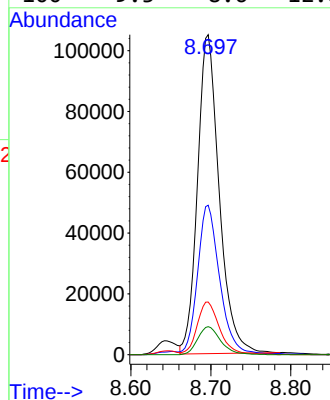
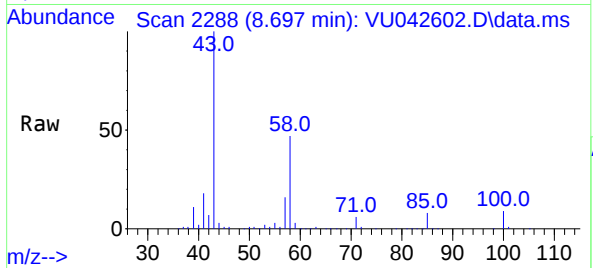


#48
2-Hexanone
Concen: 45.54 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion: 43 Resp: 198620

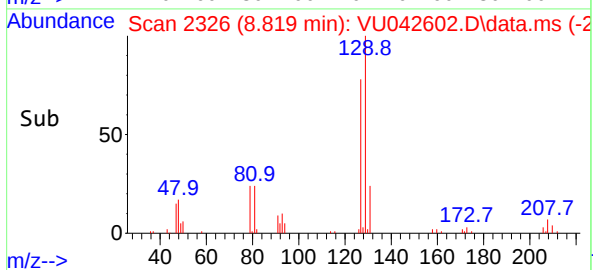
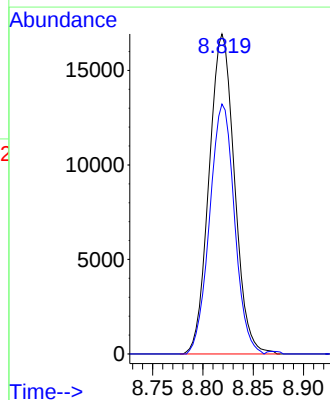
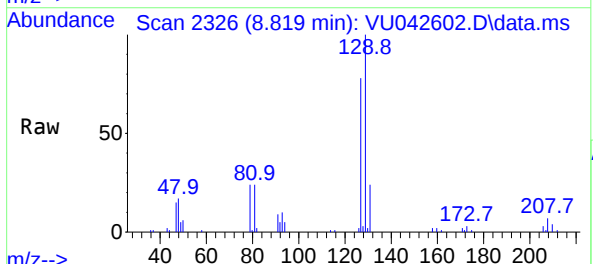
Ion	Ratio	Lower	Upper
43	100		
58	47.1	40.6	61.0
57	17.3	14.9	22.3
100	9.3	8.6	12.8

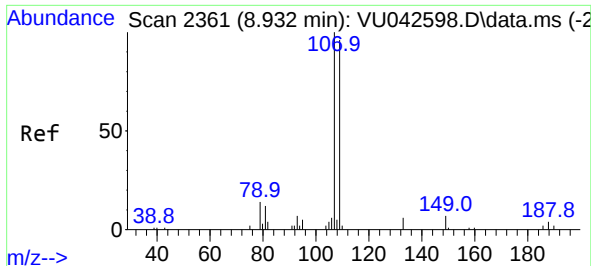


#49
Dibromochloromethane
Concen: 4.76 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 129 Resp: 29819

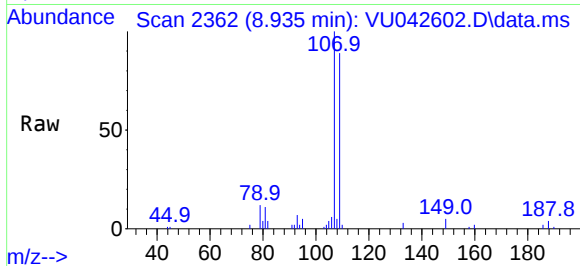
Ion	Ratio	Lower	Upper
129	100		
127	78.1	52.3	97.1



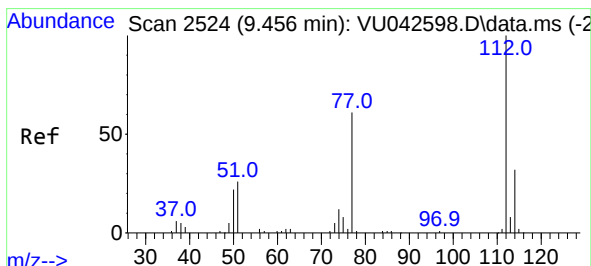
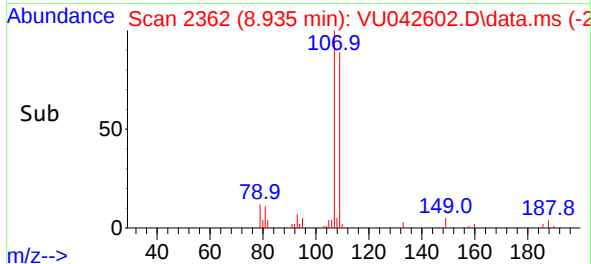
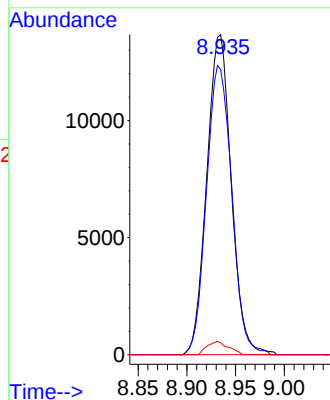


#50
1,2-Dibromoethane
Concen: 4.85 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

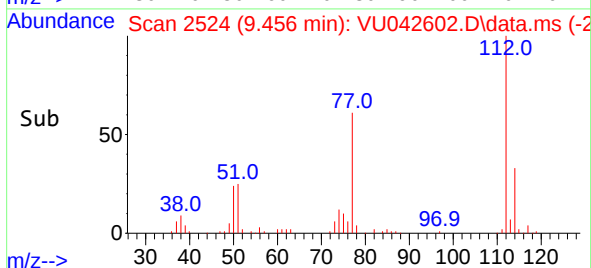
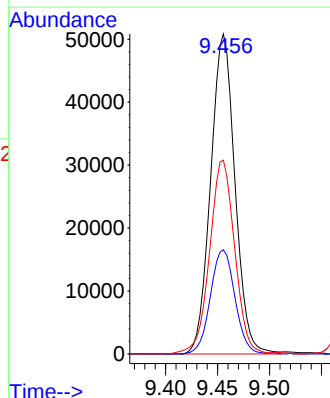
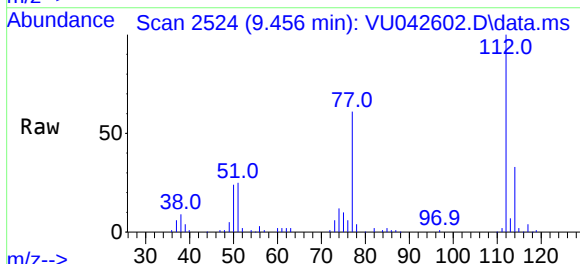


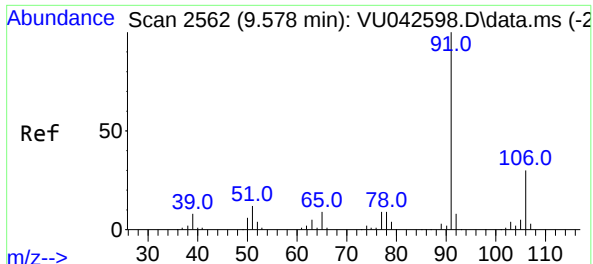
Tgt Ion:107 Resp: 23925
Ion Ratio Lower Upper
107 100
109 89.1 65.5 121.6
188 3.7 3.4 5.2



#51
Chlorobenzene
Concen: 4.73 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion:112 Resp: 82812
Ion Ratio Lower Upper
112 100
114 32.6 22.0 41.0
77 60.6 49.8 74.6

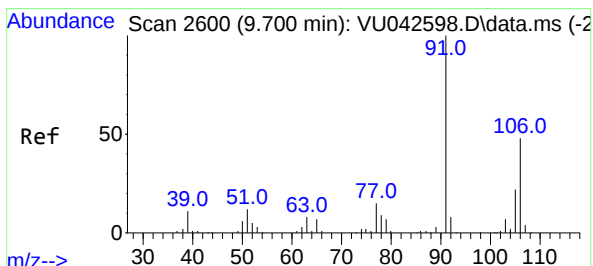
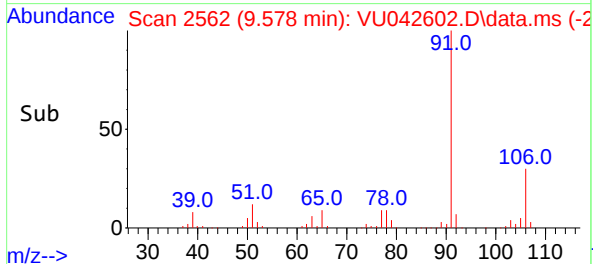
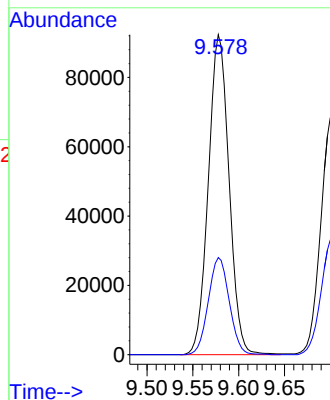
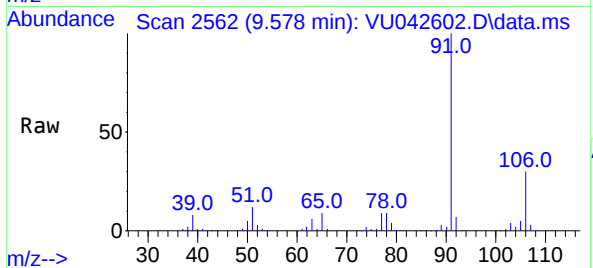




#52
Ethylbenzene
Concen: 4.69 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

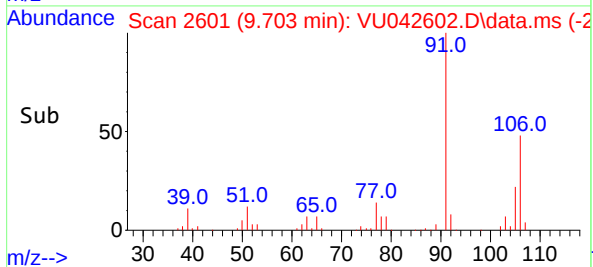
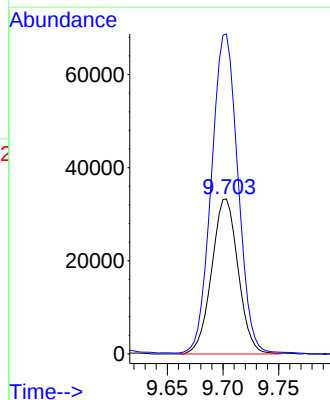
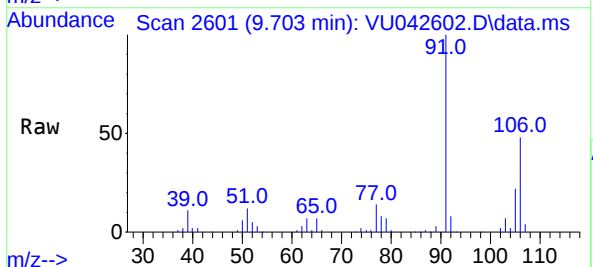
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

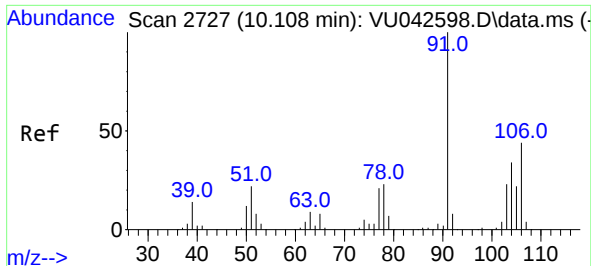
Tgt Ion: 91 Resp: 144864
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.3



#53
m,p-Xylene
Concen: 4.82 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion:106 Resp: 55020
Ion Ratio Lower Upper
106 100
91 206.3 145.1 269.5

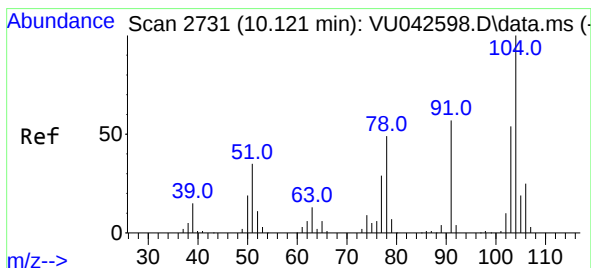
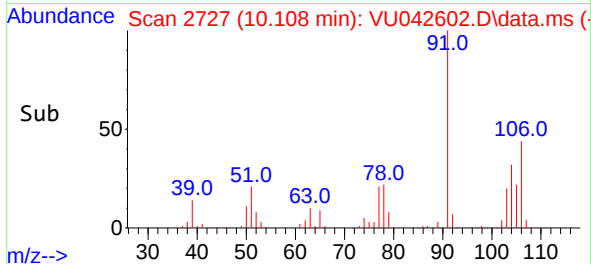
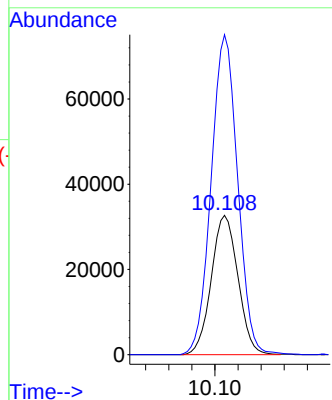
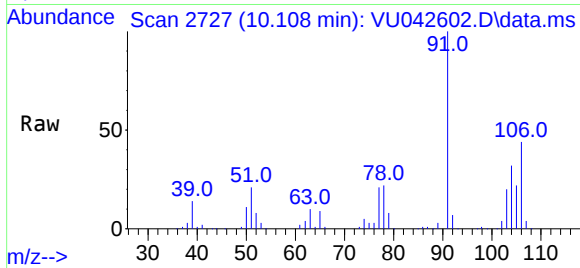




#54
o-Xylene
Concen: 4.74 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

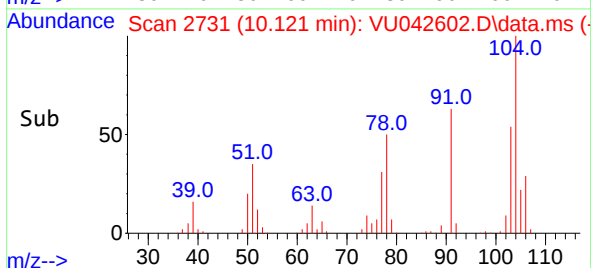
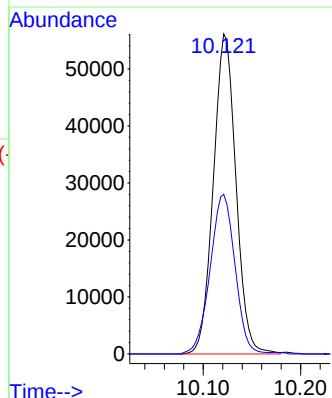
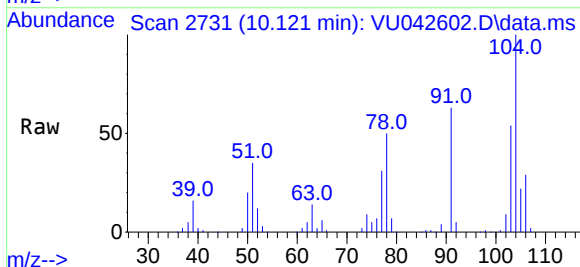
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

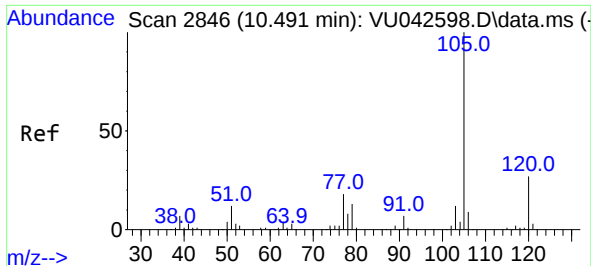
Tgt Ion:106 Resp: 52475
Ion Ratio Lower Upper
106 100
91 229.5 153.0 284.2



#55
Styrene
Concen: 4.81 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion:104 Resp: 90468
Ion Ratio Lower Upper
104 100
78 49.9 34.9 64.7

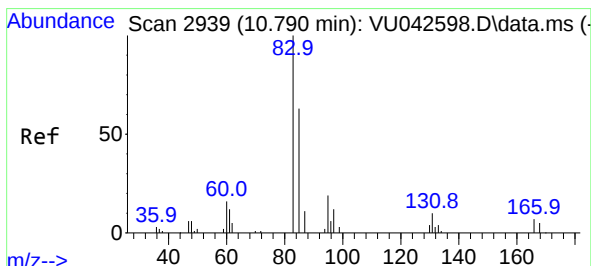
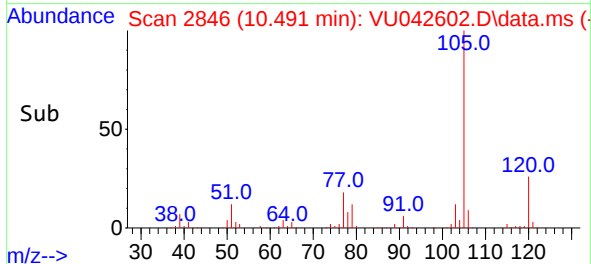
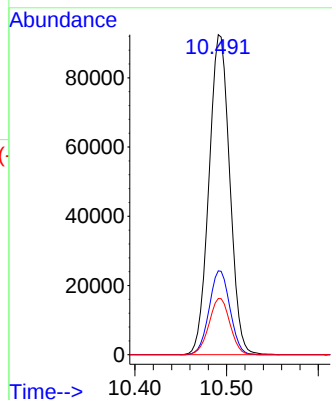
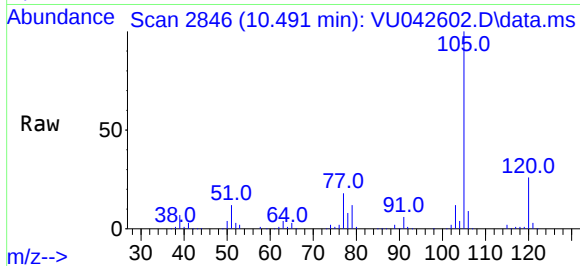




#56
Isopropylbenzene
Concen: 4.79 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

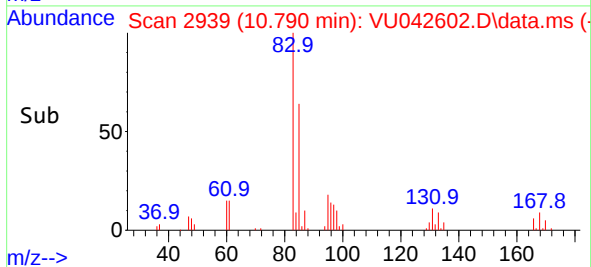
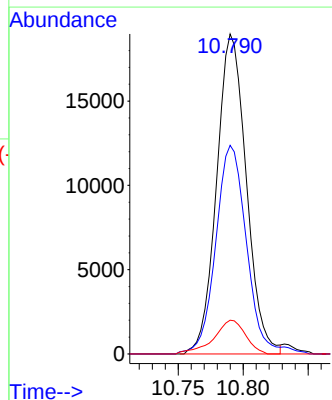
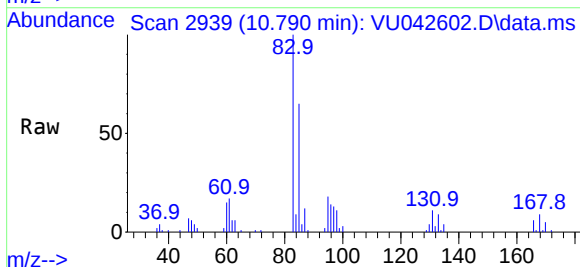
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

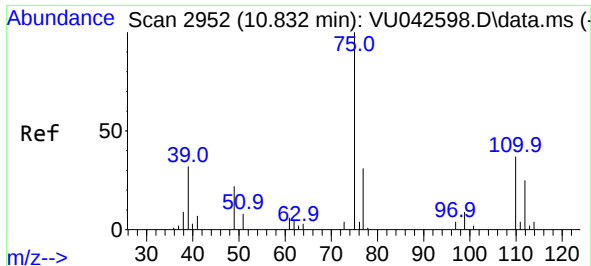
Tgt Ion:105 Resp: 145509
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 17.8 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.50 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 83 Resp: 30149
Ion Ratio Lower Upper
83 100
85 65.2 44.4 82.4
131 10.5 8.6 12.8

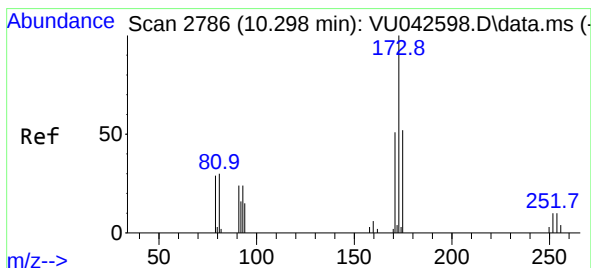
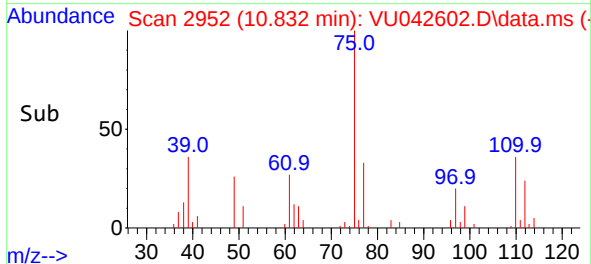
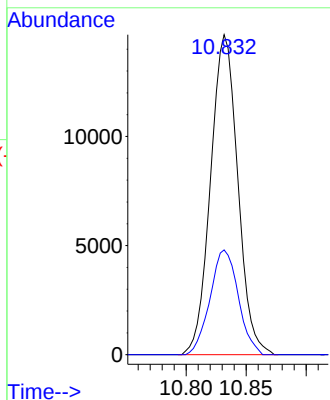
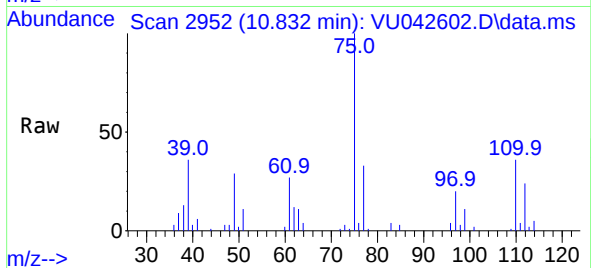




#59
1,2,3-Trichloropropane
Concen: 4.54 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

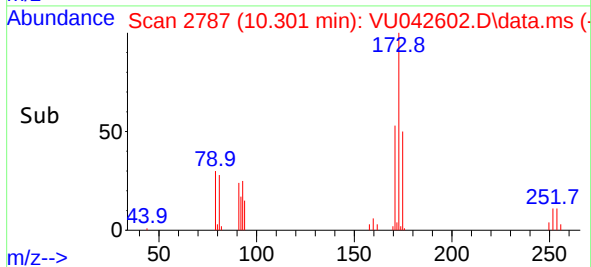
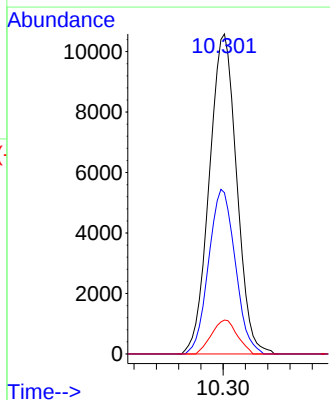
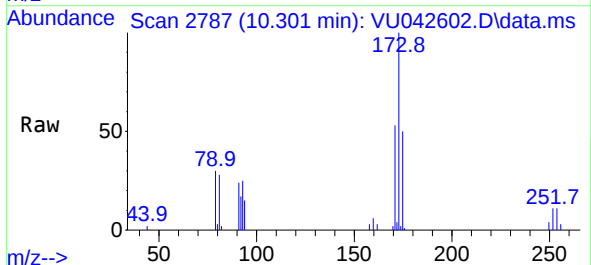
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

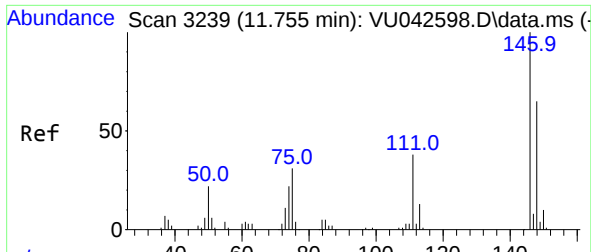
Tgt Ion: 75 Resp: 23140
Ion Ratio Lower Upper
75 100
77 34.0 26.0 39.0



#61
Bromoform
Concen: 4.63 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion:173 Resp: 18056
Ion Ratio Lower Upper
173 100
175 50.0 38.7 58.1
254 9.9 7.9 11.9

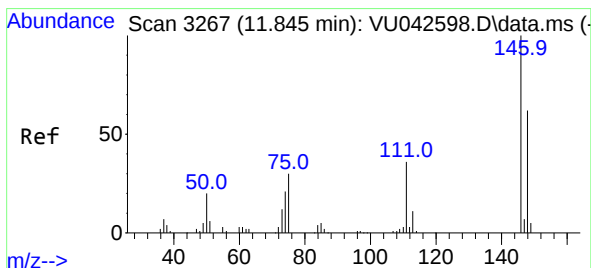
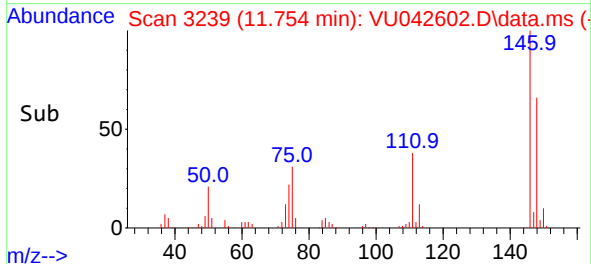
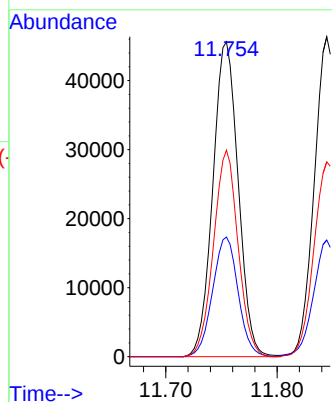
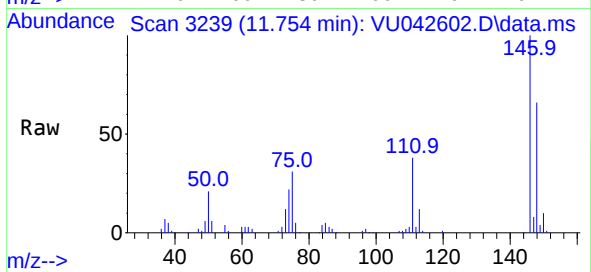




#62
1,3-Dichlorobenzene
Concen: 4.84 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

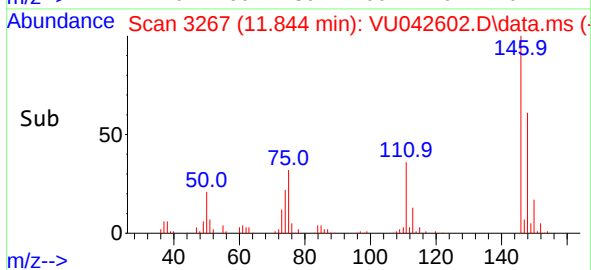
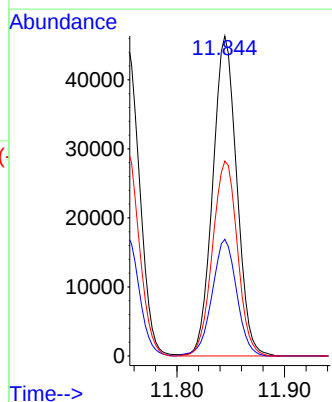
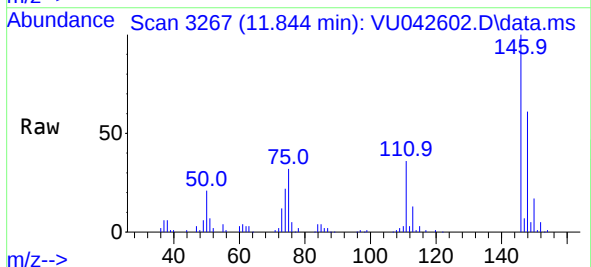
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

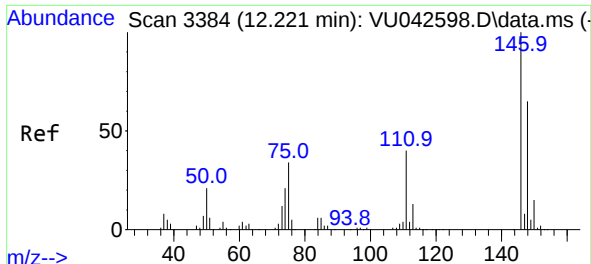
Tgt Ion:146 Resp: 72080
Ion Ratio Lower Upper
146 100
111 38.0 27.2 50.4
148 65.6 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 4.84 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion:146 Resp: 71862
Ion Ratio Lower Upper
146 100
111 36.4 25.8 47.8
148 60.9 44.1 81.9

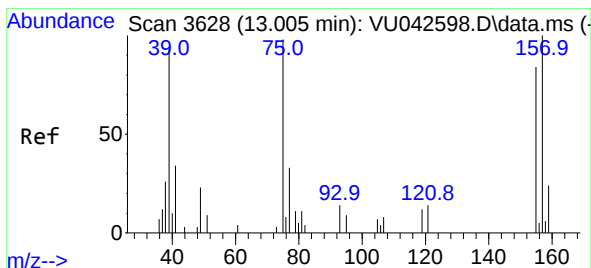
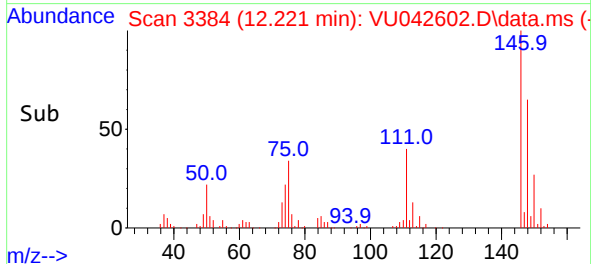
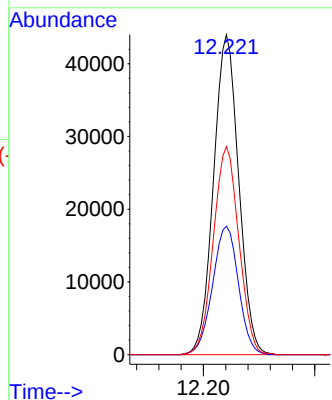
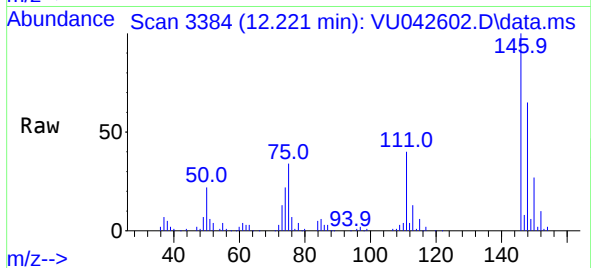




#65
1,2-Dichlorobenzene
Concen: 4.81 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

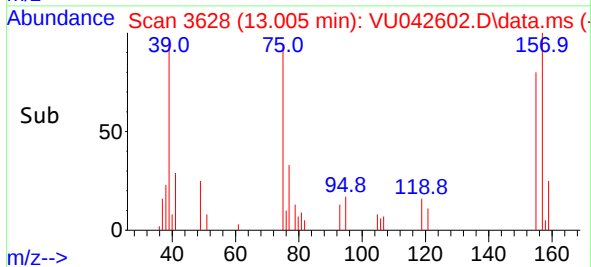
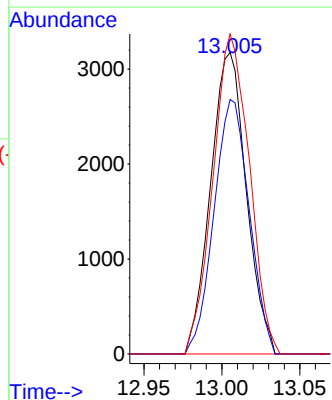
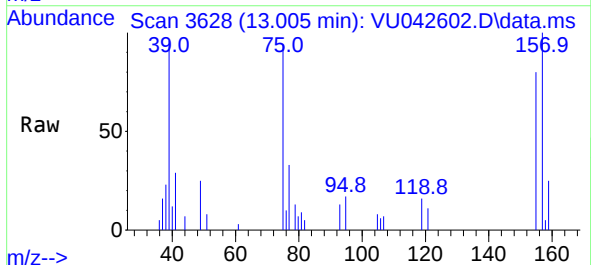
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

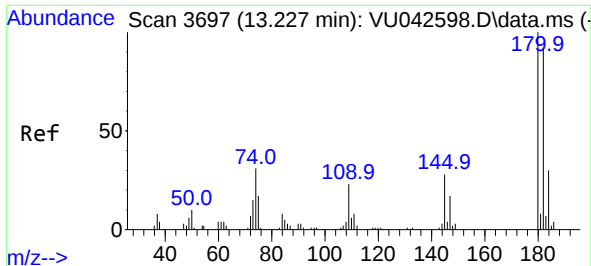
Tgt Ion:146 Resp: 68953
Ion Ratio Lower Upper
146 100
111 40.1 32.7 49.1
148 65.0 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.20 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion: 75 Resp: 5063
Ion Ratio Lower Upper
75 100
155 84.4 69.0 103.6
157 106.1 91.0 136.6



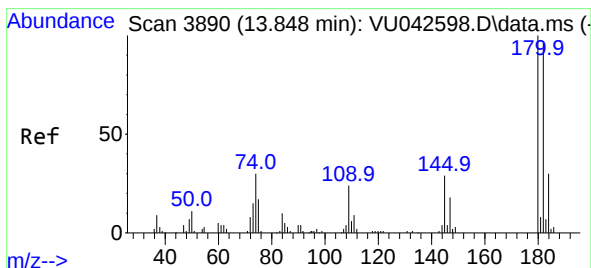
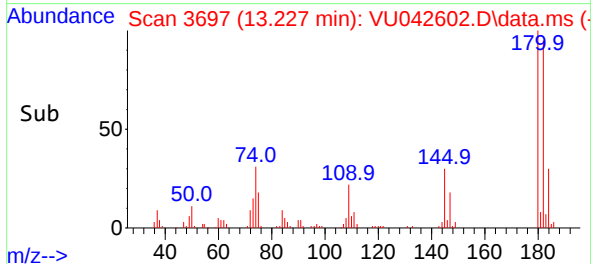
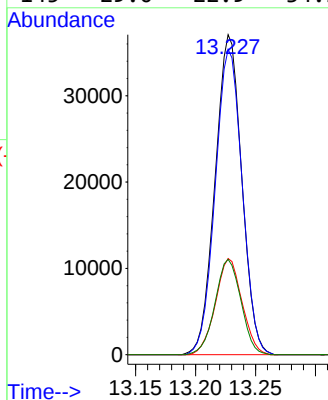
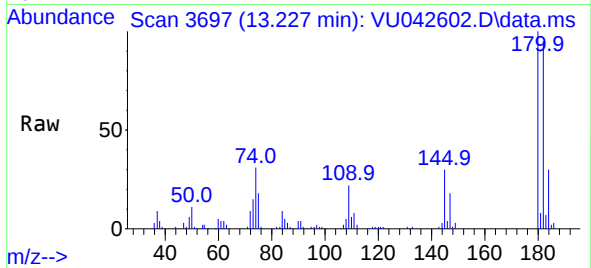


#67
1,3,5-Trichlorobenzene
Concen: 4.43 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion:180 Resp: 57197

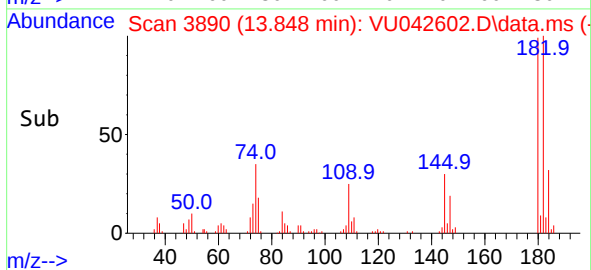
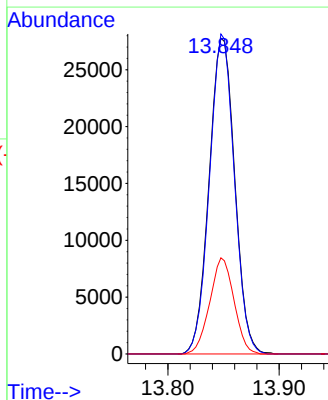
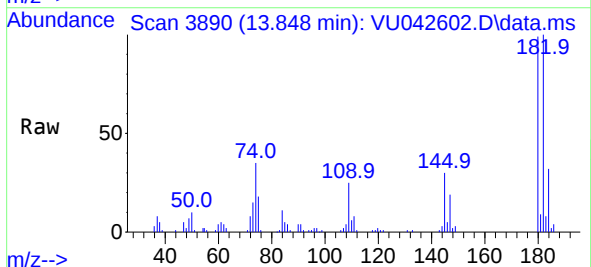
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.4	114.6
184	29.9	23.9	35.9
145	29.0	22.9	34.3

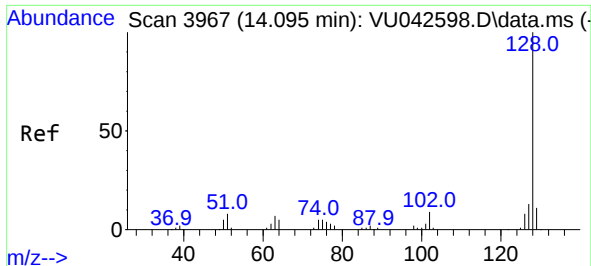


#68
1,2,4-trichlorobenzene
Concen: 4.16 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion:180 Resp: 44465

Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.3	114.5
145	28.7	23.7	35.5



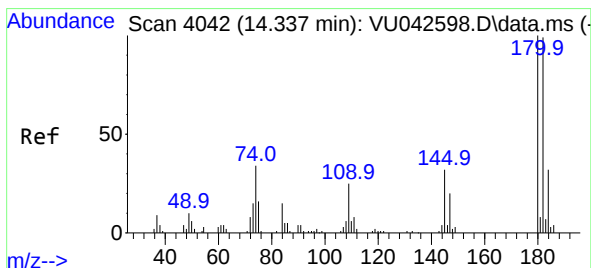
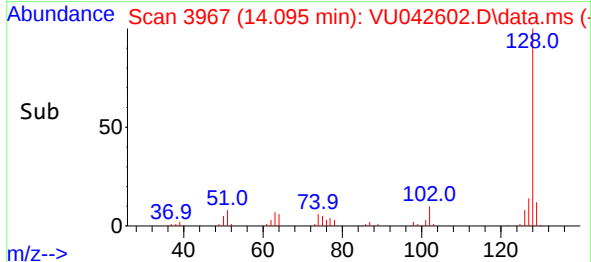
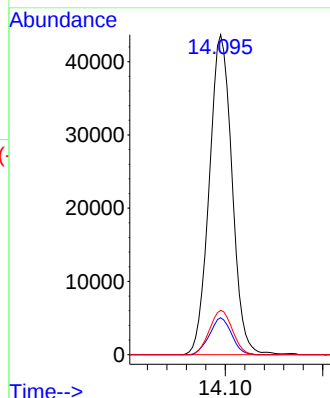
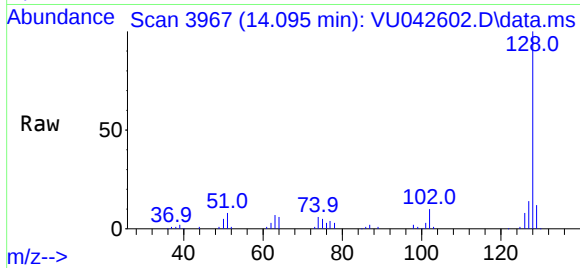


#69
Naphthalene
Concen: 4.07 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion:128 Resp: 70677

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	14.0	10.6	15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.37 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU042602.D
Acq: 12 Mar 2021 10:12

Tgt Ion:180 Resp: 42417

Ion	Ratio	Lower	Upper
180	100		
182	98.7	75.6	113.4
145	31.1	24.7	37.1

