

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042713.D
 Acq On : 19 Mar 2021 11:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Quant Time: Mar 20 05:38:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	86171	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	87785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49156	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28588	4.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	99.60%		
7) Chloroethane-d5	1.919	69	23821	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	109.60%		
11) 1,1-Dichloroethene-d2	2.575	63	62921	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	97.00%		
20) 2-Butanone-d5	4.645	46	71559	37.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	75.88%		
24) Chloroform-d	5.073	84	57673	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.60%		
26) 1,2-Dichloroethane-d4	5.713	65	34665	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.20%		
32) Benzene-d6	5.739	84	100403	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.20%		
36) 1,2-Dichloropropane-d6	6.700	67	32190	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	92.80%		
41) Toluene-d8	7.906	98	101460	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.60%		
43) trans-1,3-Dichloroprop...	8.189	79	13548	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	83.60%		
46) 2-Hexanone-d5	8.645	63	68605	44.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	88.34%		
57) 1,1,2,2-Tetrachloroeth...	10.767	84	29556	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	95.60%		
64) 1,2-Dichlorobenzene-d4	12.201	152	42296	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.00%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	37534	4.68	ug/L	100
3) Chloromethane	1.523	50	34314	4.52	ug/L	94
5) Vinyl chloride	1.607	62	35436	4.65	ug/L	98
6) Bromomethane	1.864	94	22182	5.27	ug/L	94
8) Chloroethane	1.941	64	23476	5.16	ug/L	98
9) Trichlorofluoromethane	2.144	101	65594	5.27	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34501	5.28	ug/L	97
12) 1,1-Dichloroethene	2.588	96	29387	4.84	ug/L	87
13) Acetone	2.655	43	45001	30.96	ug/L	96
14) Carbon disulfide	2.803	76	75708	3.92	ug/L	100
15) Methyl Acetate	2.964	43	16238	4.49	ug/L	94
16) Methylene chloride	3.054	84	32819	4.51	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	80870	4.74	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	29955	4.69	ug/L	97
19) 1,1-Dichloroethane	3.880	63	61620	5.01	ug/L	99
21) 2-Butanone	4.726	43	103174	41.76	ug/L	93
22) cis-1,2-Dichloroethene	4.678	96	33436	4.90	ug/L	99
23) Bromochloromethane	4.986	128	16581	5.11	ug/L	96
25) Chloroform	5.099	83	67552	5.22	ug/L	99
27) 1,2-Dichloroethane	5.806	62	48083	4.96	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042713.D
 Acq On : 19 Mar 2021 11:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

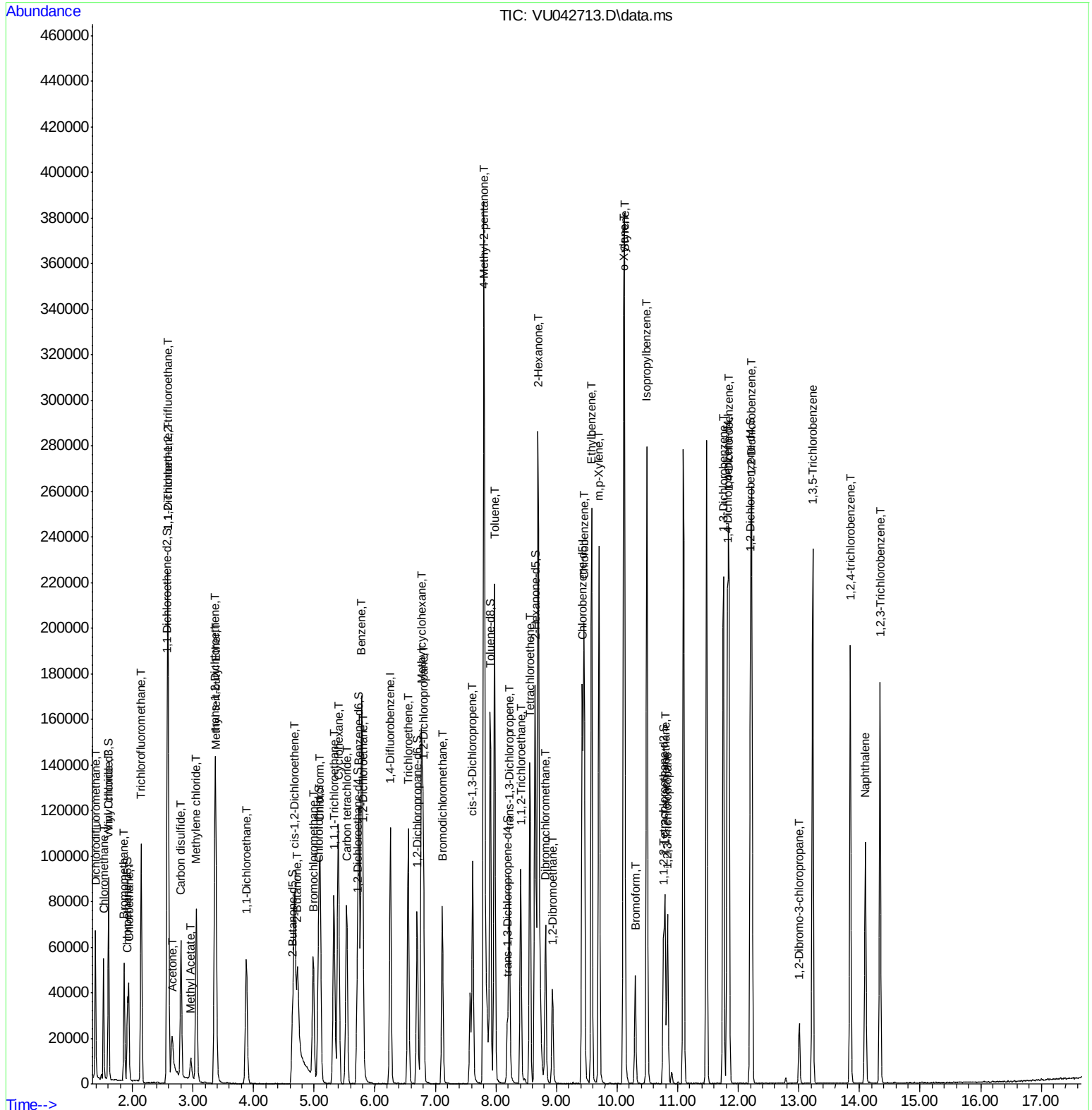
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

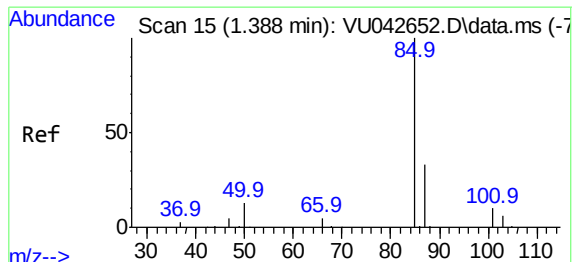
Quant Time: Mar 20 05:38:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	59676	4.89	ug/L	98
30) Cyclohexane	5.398	56	50599	4.15	ug/L	98
31) Carbon tetrachloride	5.536	117	52310	4.86	ug/L	99
33) Benzene	5.784	78	133198	4.85	ug/L	100
34) Trichloroethene	6.552	95	35025	4.60	ug/L	97
35) Methylcyclohexane	6.774	83	50980	4.40	ug/L	99
37) 1,2-Dichloropropane	6.800	63	37494	5.06	ug/L	98
38) Bromodichloromethane	7.115	83	47810	4.94	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	51351	4.75	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	320045	49.50	ug/L	95
42) Toluene	7.976	91	150795	5.03	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	46600	4.67	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	27415	5.01	ug/L	97
47) Tetrachloroethene	8.562	164	30941	4.98	ug/L	99
48) 2-Hexanone	8.697	43	236973	49.68	ug/L	95
49) Dibromochloromethane	8.819	129	35159	5.14	ug/L	100
50) 1,2-Dibromoethane	8.931	107	27941	5.18	ug/L	98
51) Chlorobenzene	9.455	112	96414	5.03	ug/L	99
52) Ethylbenzene	9.578	91	166222	4.93	ug/L	99
53) m,p-Xylene	9.703	106	62793	5.03	ug/L	98
54) o-Xylene	10.108	106	61078	5.05	ug/L	100
55) Styrene	10.121	104	106448	5.18	ug/L	100
56) Isopropylbenzene	10.491	105	168265	5.06	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	37650	5.14	ug/L #	97
59) 1,2,3-Trichloropropane	10.832	75	27713	4.97	ug/L	98
61) Bromoform	10.301	173	21447	4.83	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	86671	5.11	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	87207	5.16	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	83680	5.13	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	6080	4.43	ug/L	93
67) 1,3,5-Trichlorobenzene	13.227	180	71490	4.86	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	56842	4.67	ug/L	98
69) Naphthalene	14.095	128	82825	4.19	ug/L	99
70) 1,2,3-Trichlorobenzene	14.339	180	53927	4.88	ug/L	99

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

Quant Time: Mar 20 05:38:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 16 01:32:07 2021
Response via : Initial Calibration

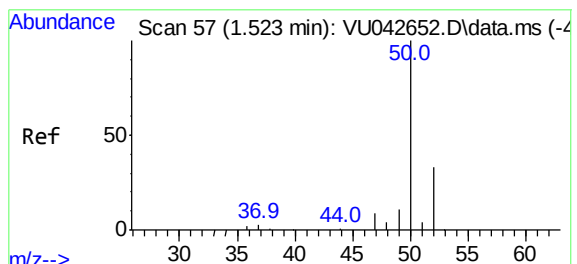
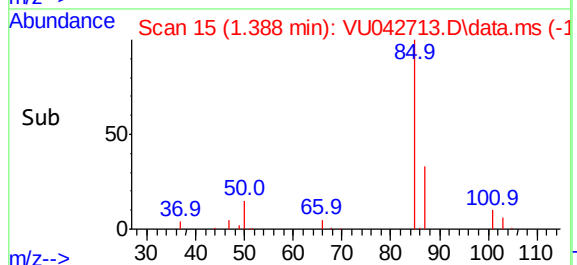
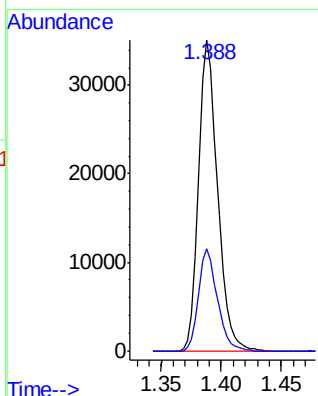
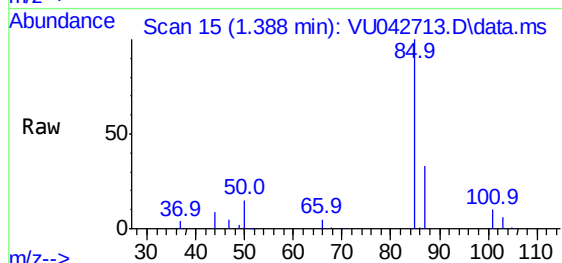




#2
Dichlorodifluoromethane
Concen: 4.68 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

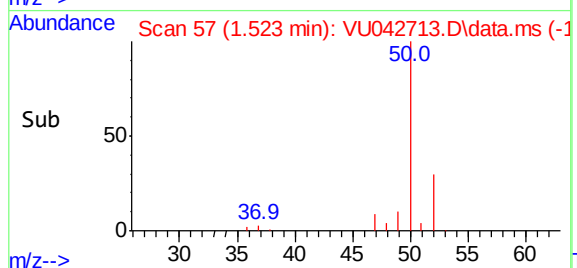
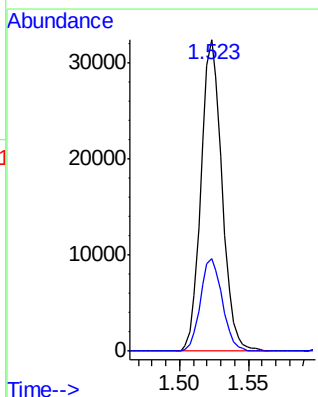
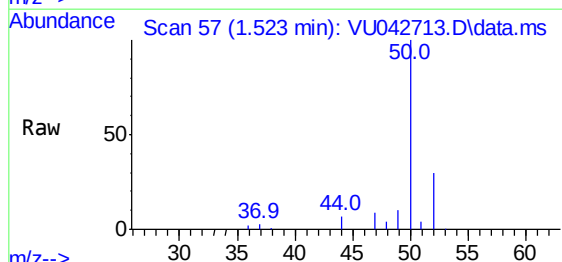
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

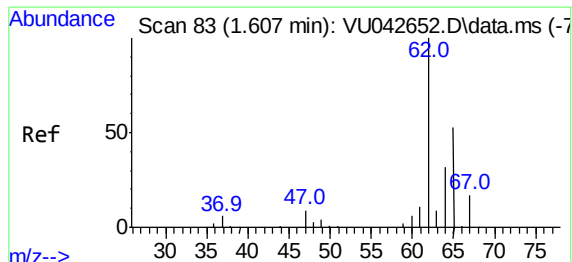
Tgt Ion: 85 Resp: 37534
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1



#3
Chloromethane
Concen: 4.52 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 50 Resp: 34314
Ion Ratio Lower Upper
50 100
52 29.5 23.0 42.8

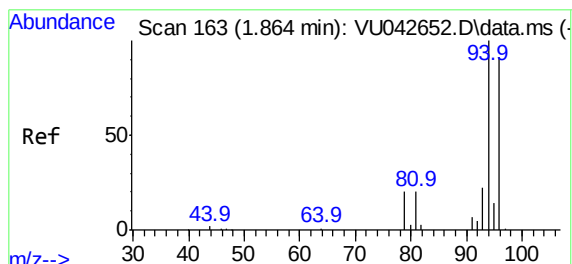
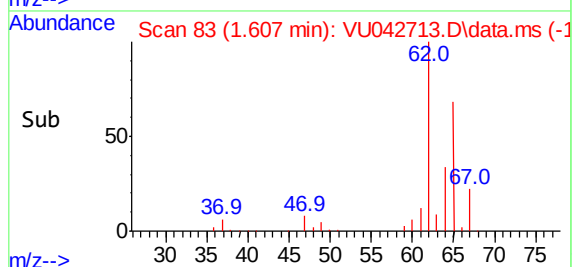
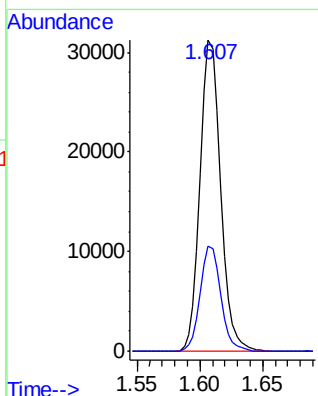
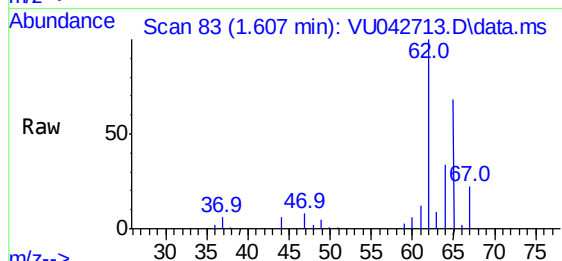




#5
 Vinyl chloride
 Concen: 4.65 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042713.D
 Acq: 19 Mar 2021 11:59

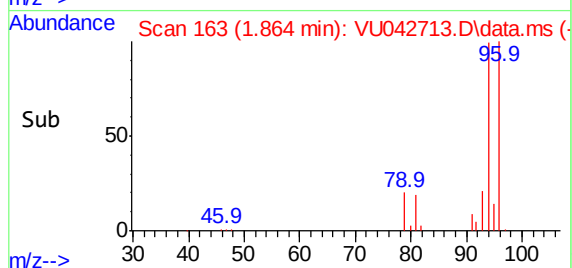
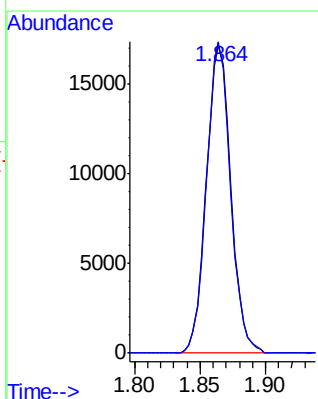
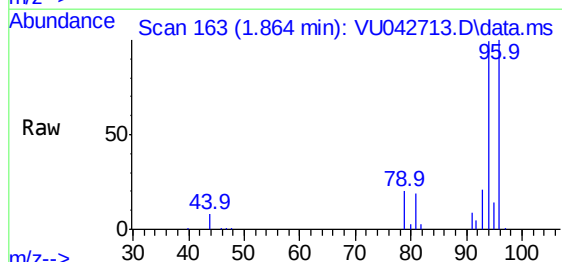
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

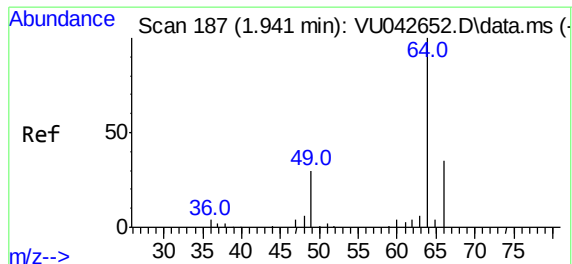
Tgt Ion: 62 Resp: 35436
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.7 42.1



#6
 Bromomethane
 Concen: 5.27 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042713.D
 Acq: 19 Mar 2021 11:59

Tgt Ion: 94 Resp: 22182
 Ion Ratio Lower Upper
 94 100
 96 101.2 66.5 123.5

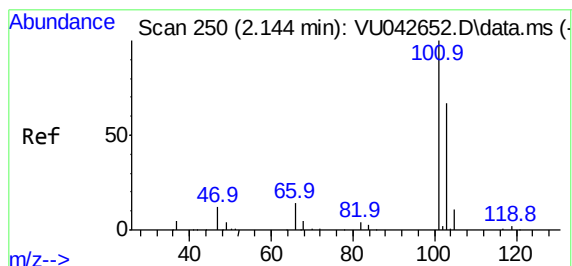
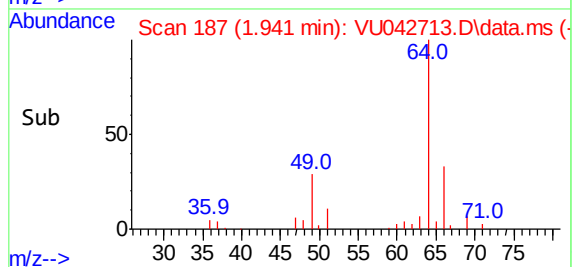
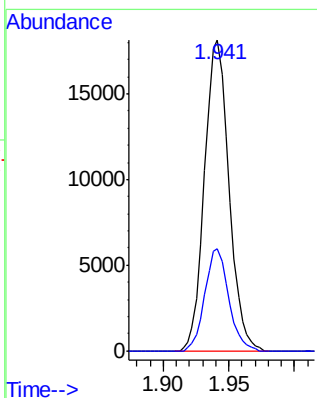
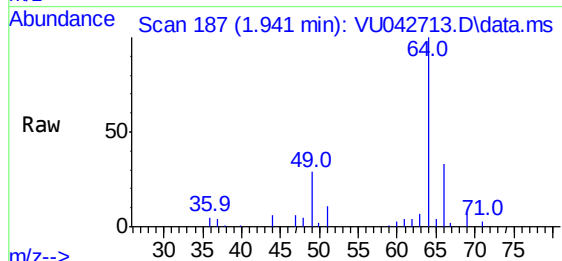




#8
Chloroethane
Concen: 5.16 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

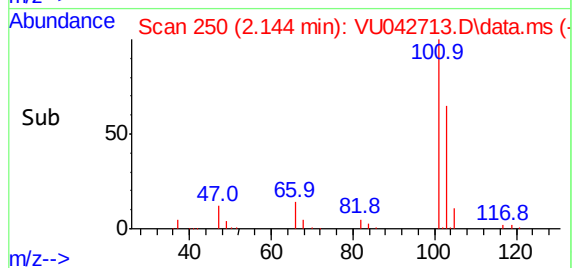
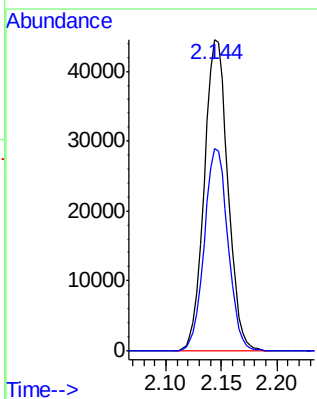
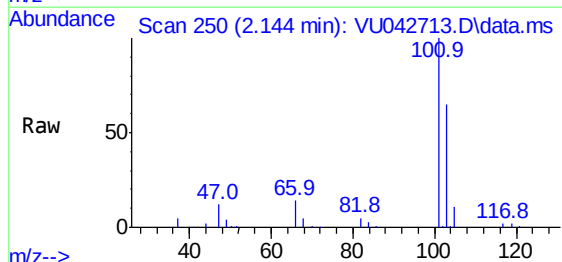
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

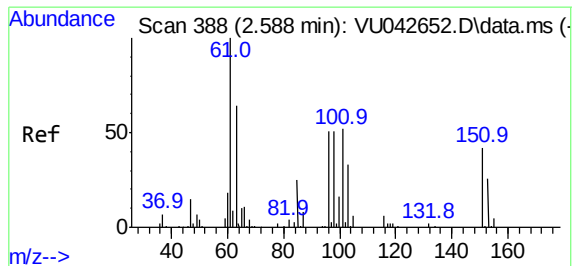
Tgt Ion: 64 Resp: 23476
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.27 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion:101 Resp: 65594
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

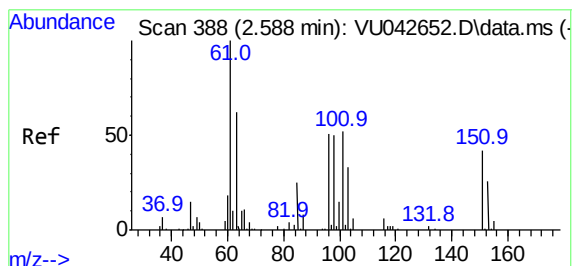
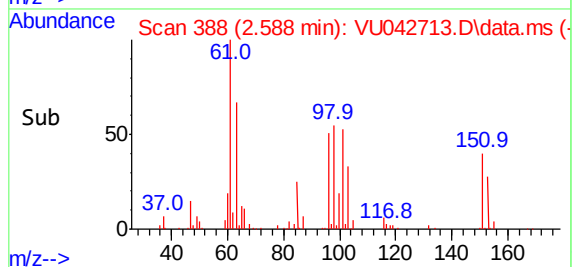
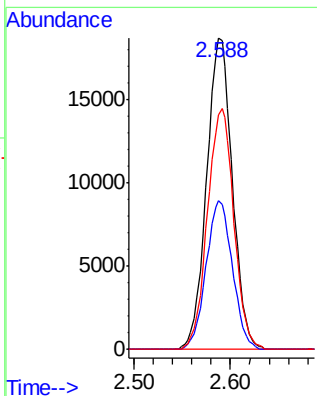
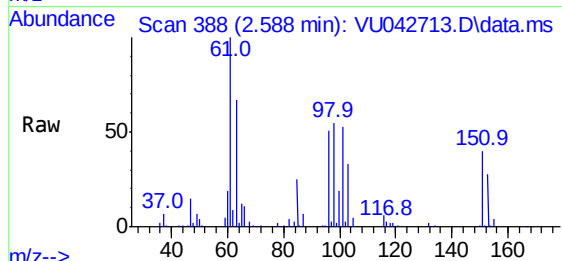




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.28 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042713.D
 Acq: 19 Mar 2021 11:59

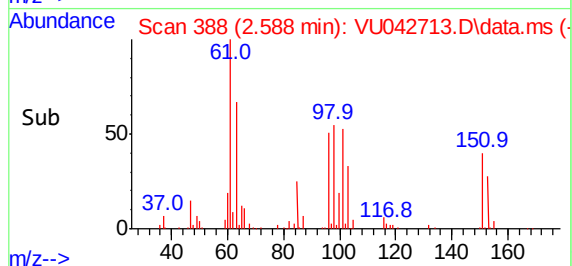
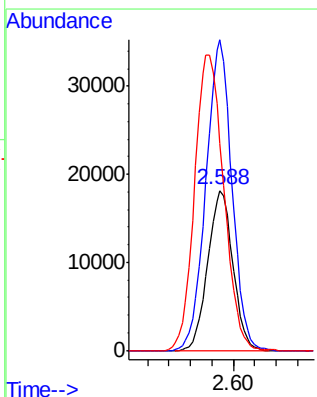
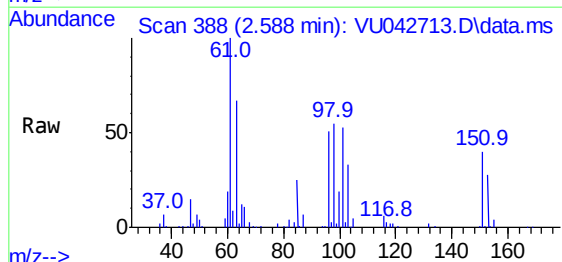
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

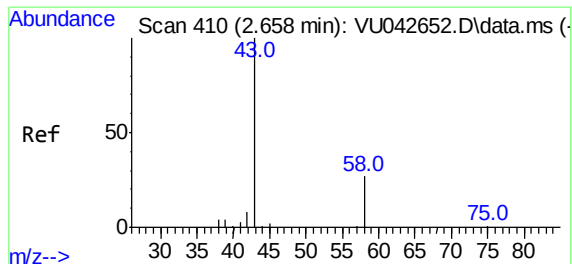
Tgt Ion:101 Resp: 34501
 Ion Ratio Lower Upper
 101 100
 85 48.5 34.6 51.8
 151 79.1 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.84 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042713.D
 Acq: 19 Mar 2021 11:59

Tgt Ion: 96 Resp: 29387
 Ion Ratio Lower Upper
 96 100
 61 194.5 126.2 234.4
 63 129.6 77.8 144.4

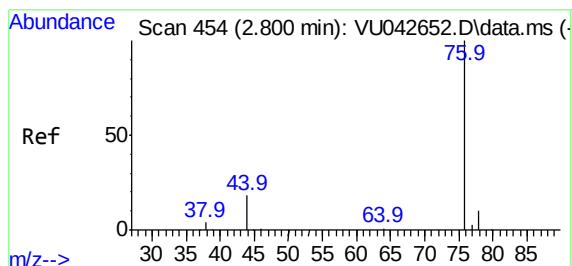
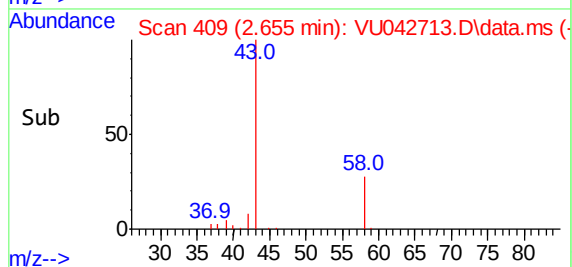
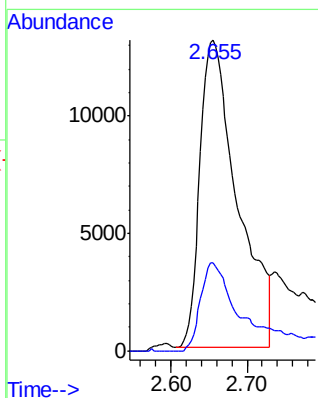
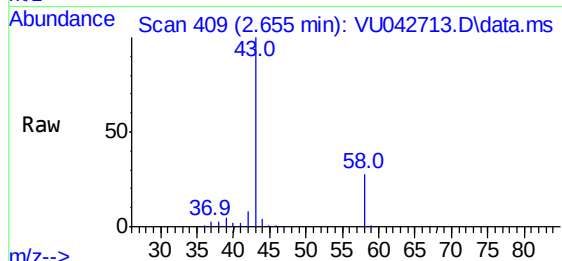




#13
Acetone
Concen: 30.96 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

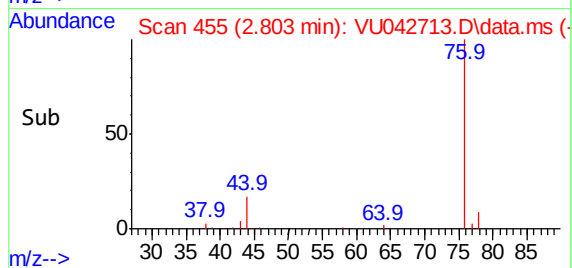
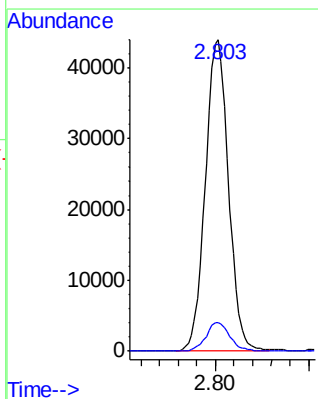
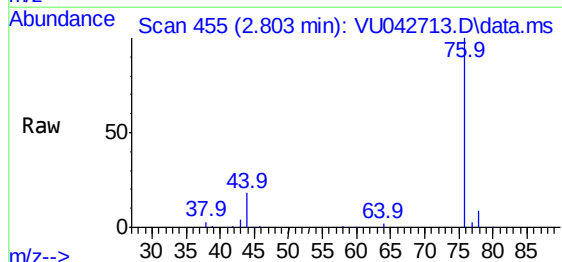
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

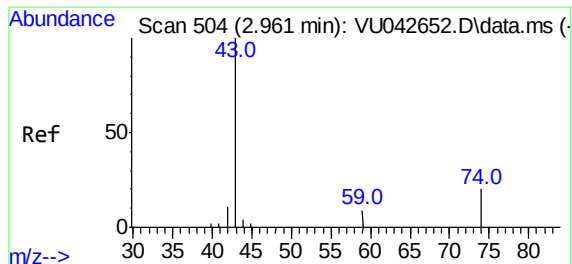
Tgt Ion: 43 Resp: 45001
Ion Ratio Lower Upper
43 100
58 30.1 0.0 55.8



#14
Carbon disulfide
Concen: 3.92 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 76 Resp: 75708
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

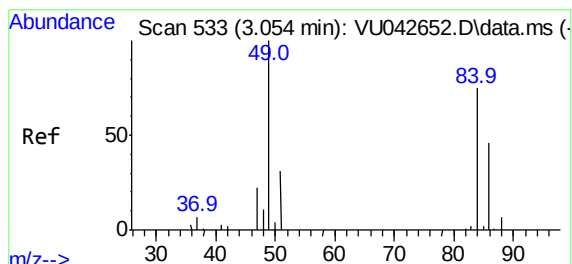
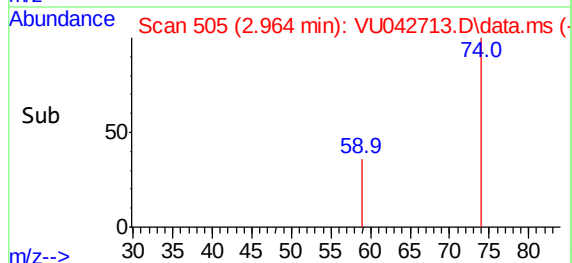
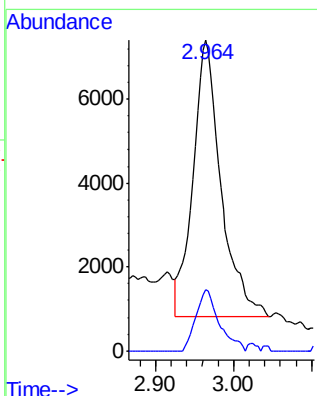
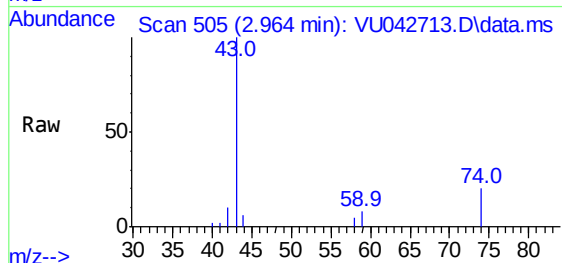




#15
Methyl Acetate
Concen: 4.49 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

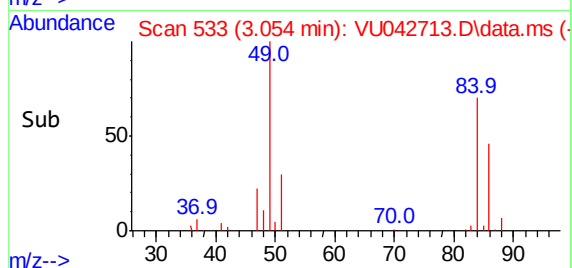
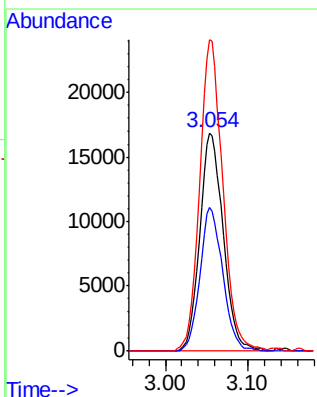
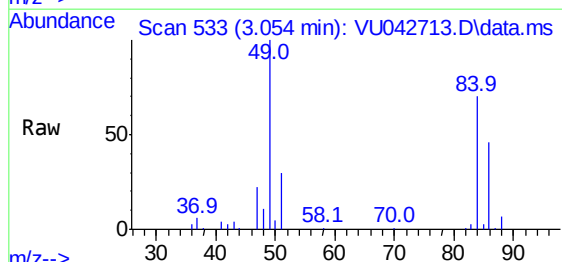
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

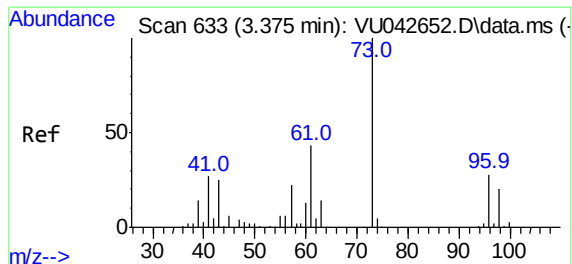
Tgt Ion: 43 Resp: 16238
Ion Ratio Lower Upper
43 100
74 18.3 16.9 25.3



#16
Methylene chloride
Concen: 4.51 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 84 Resp: 32819
Ion Ratio Lower Upper
84 100
86 65.9 44.1 81.9
49 142.6 95.0 176.4

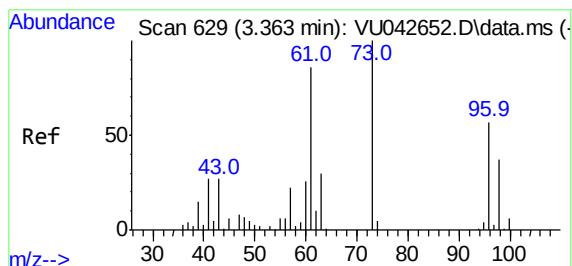
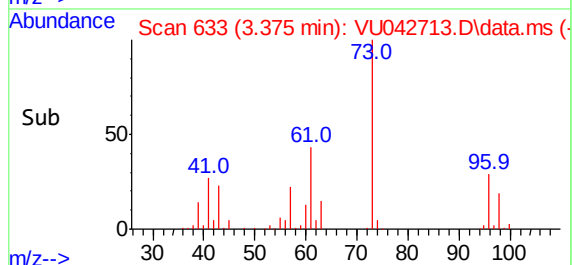
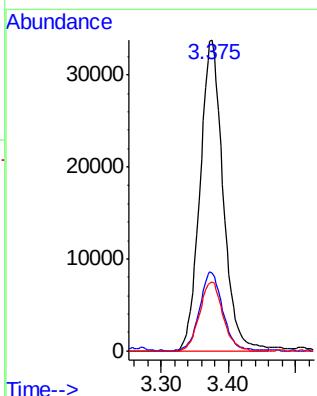
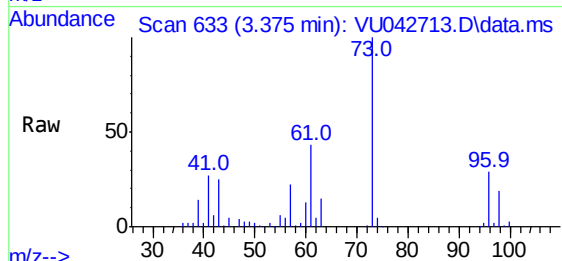




#17
Methyl tert-butyl Ether
Concen: 4.74 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

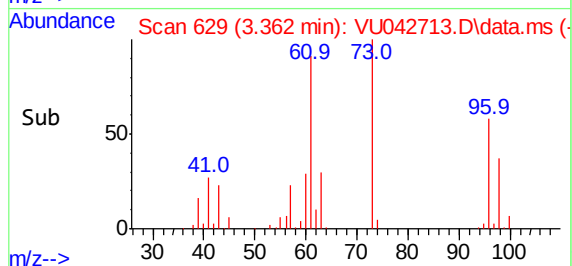
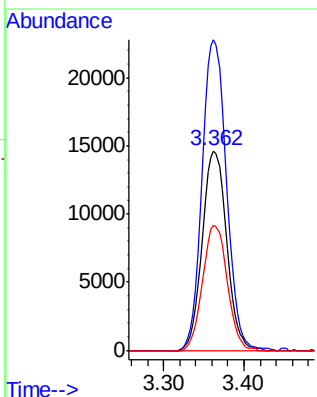
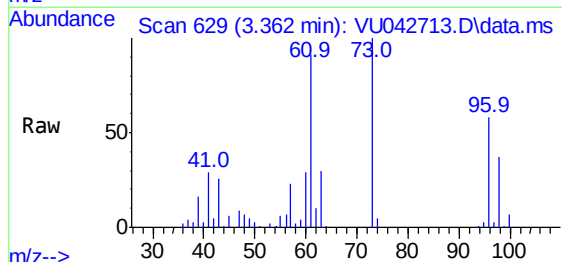
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

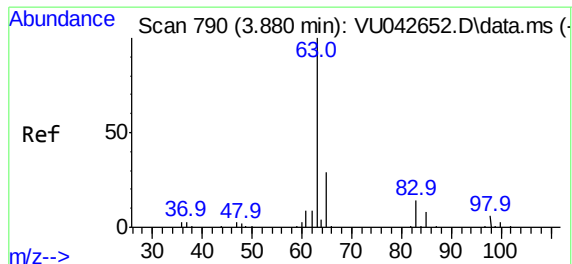
Tgt Ion: 73 Resp: 80870
Ion Ratio Lower Upper
73 100
43 25.6 18.9 28.3
57 22.2 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.69 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 96 Resp: 29955
Ion Ratio Lower Upper
96 100
61 155.8 105.7 196.3
98 62.8 42.8 79.6

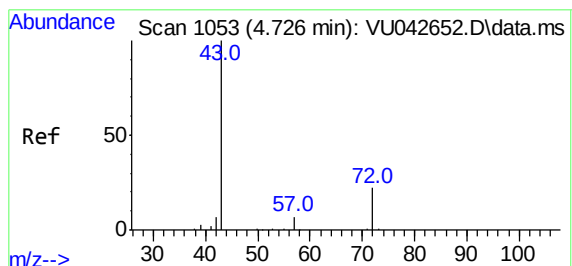
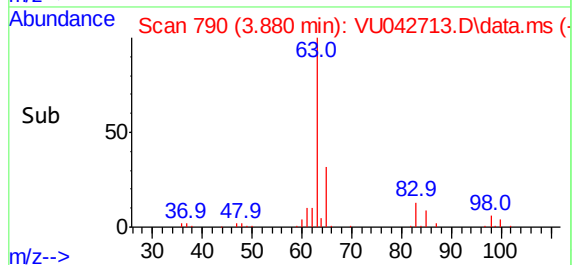
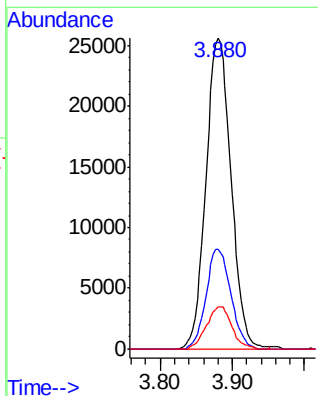
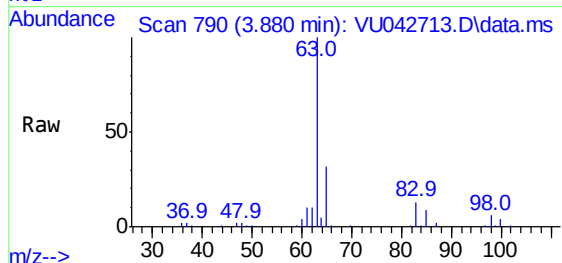




#19
1,1-Dichloroethane
Concen: 5.01 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

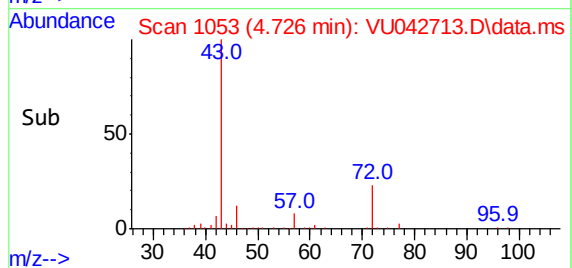
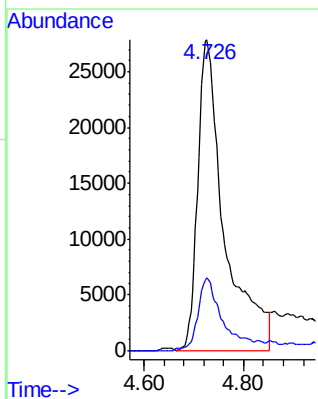
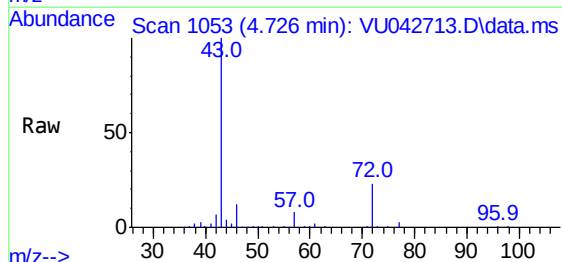
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

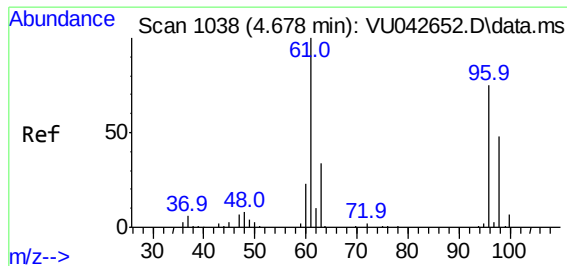
Tgt Ion: 63 Resp: 61620
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.9
83 13.3 10.1 18.7



#21
2-Butanone
Concen: 41.76 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 43 Resp: 103174
Ion Ratio Lower Upper
43 100
72 20.2 11.7 35.1



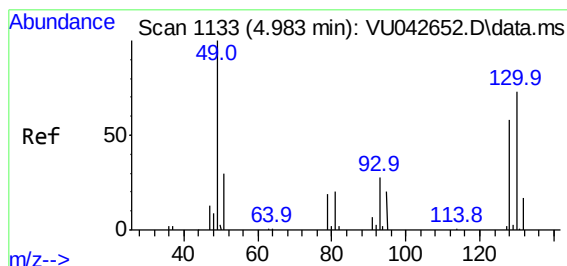
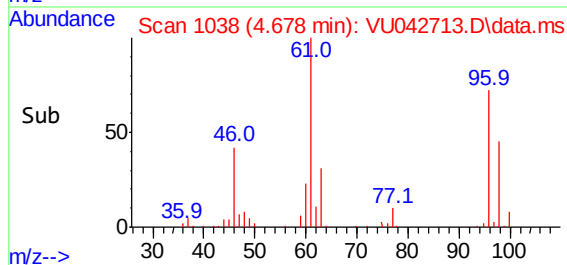
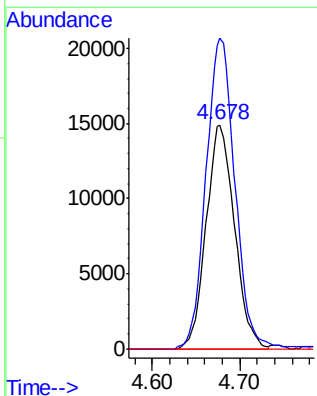
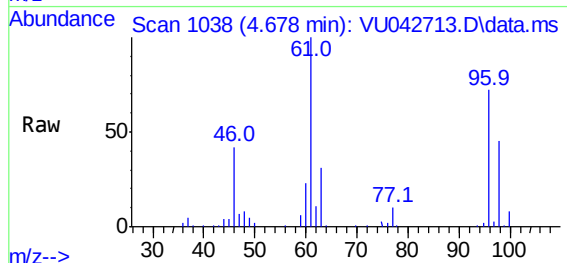


#22
 cis-1,2-Dichloroethene
 Concen: 4.90 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU042713.D
 Acq: 19 Mar 2021 11:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Tgt Ion: 96 Resp: 33436

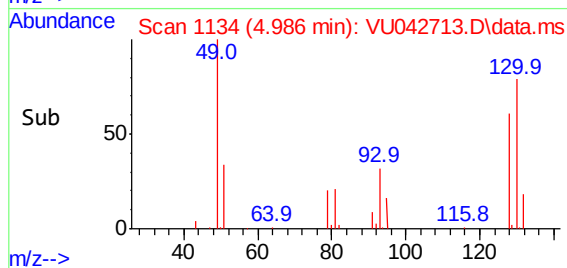
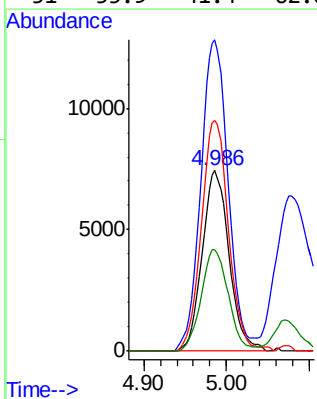
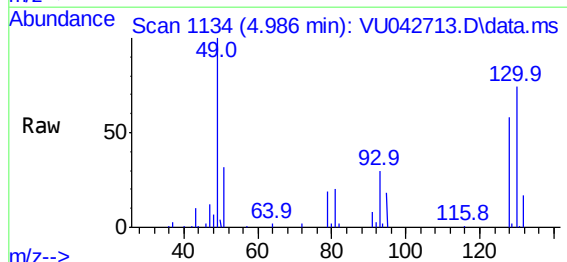
Ion	Ratio	Lower	Upper
96	100		
61	138.5	97.8	181.6
68	0.0	0.0	0.0

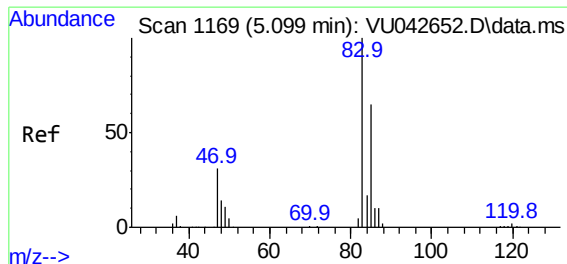


#23
 Bromochloromethane
 Concen: 5.11 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU042713.D
 Acq: 19 Mar 2021 11:59

Tgt Ion: 128 Resp: 16581

Ion	Ratio	Lower	Upper
128	100		
49	173.0	117.7	218.7
130	128.4	87.9	163.3
51	55.9	41.4	62.0

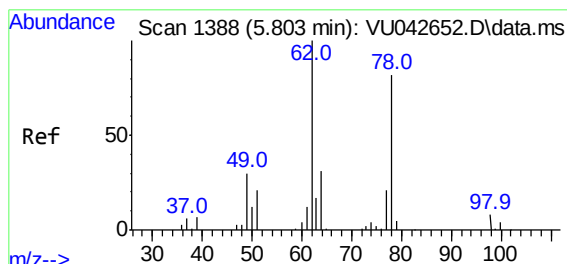
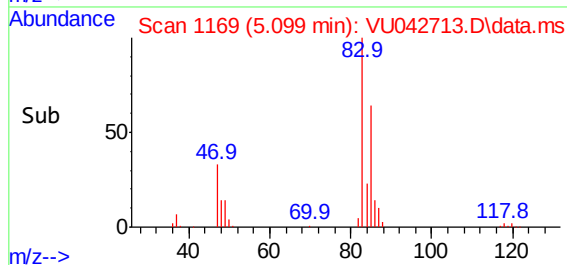
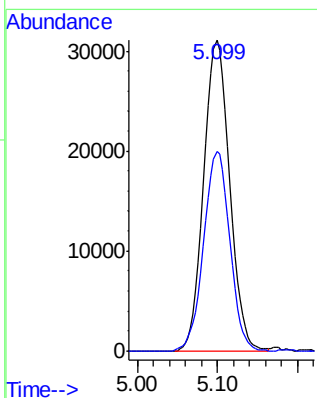
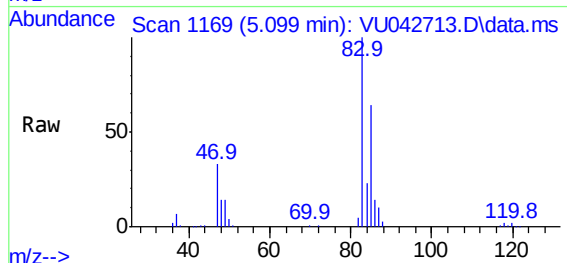




#25
Chloroform
Concen: 5.22 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

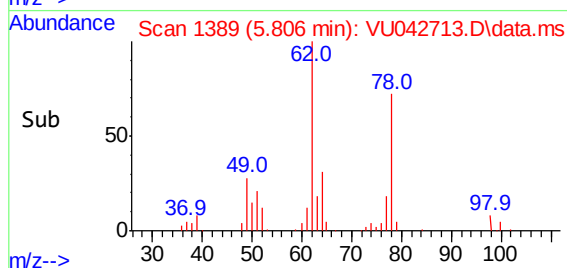
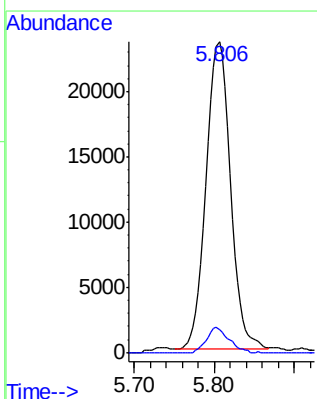
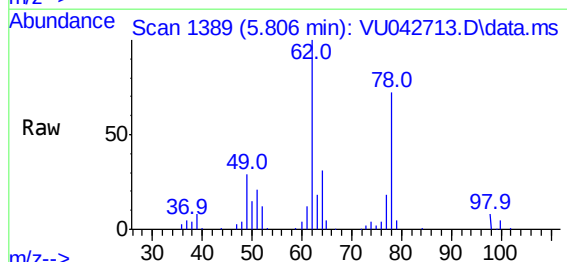
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

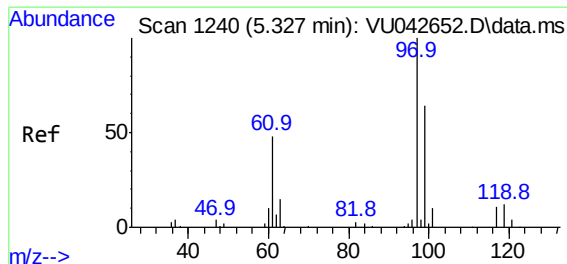
Tgt Ion: 83 Resp: 67552
Ion Ratio Lower Upper
83 100
85 64.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.96 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 62 Resp: 48083
Ion Ratio Lower Upper
62 100
98 7.5 7.3 10.9

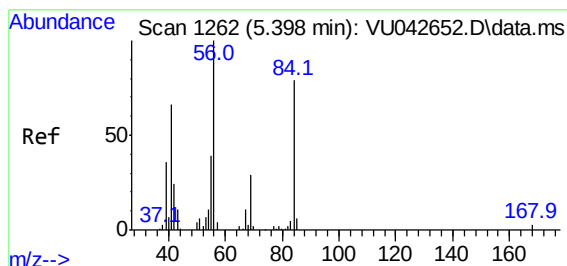
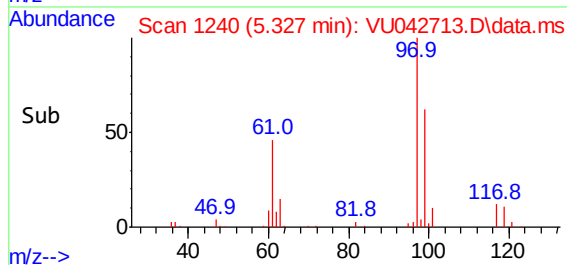
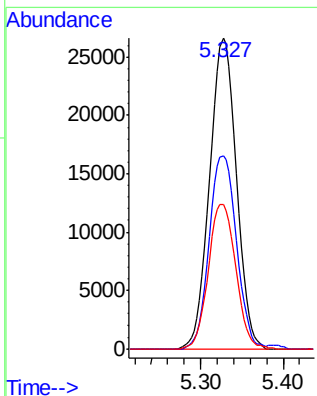
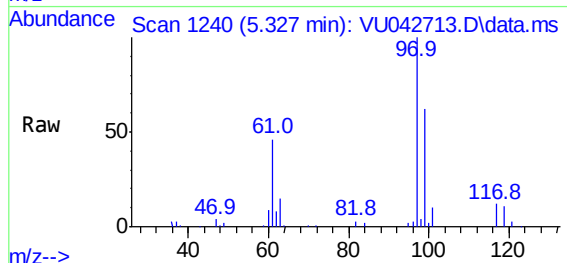




#29
1,1,1-Trichloroethane
Concen: 4.89 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

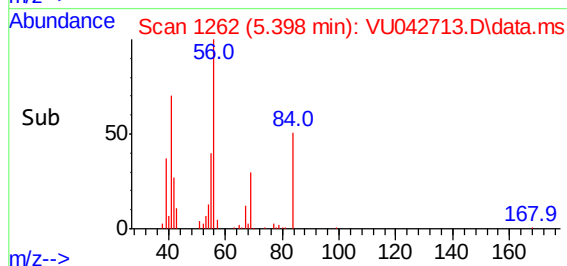
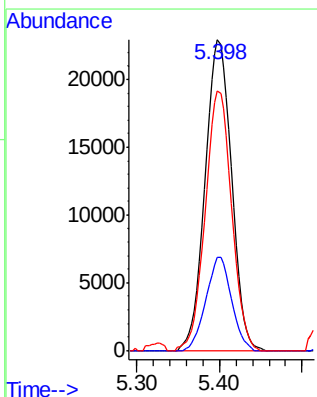
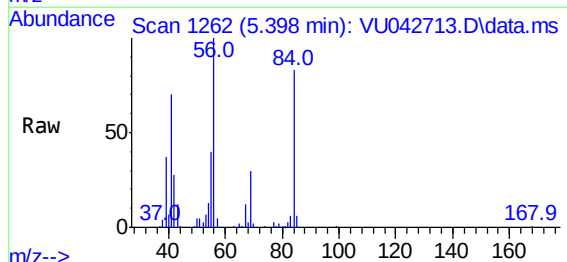
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

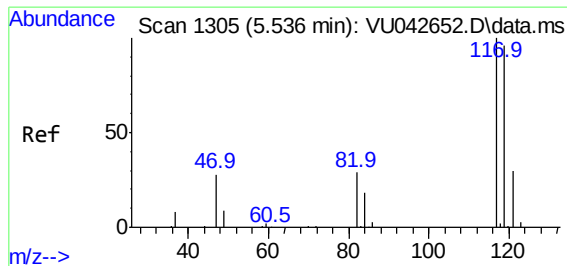
Tgt Ion: 97 Resp: 59676
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 47.6 35.8 53.6



#30
Cyclohexane
Concen: 4.15 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 56 Resp: 50599
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 83.3 65.3 97.9

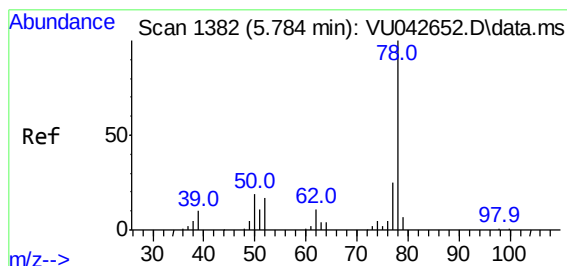
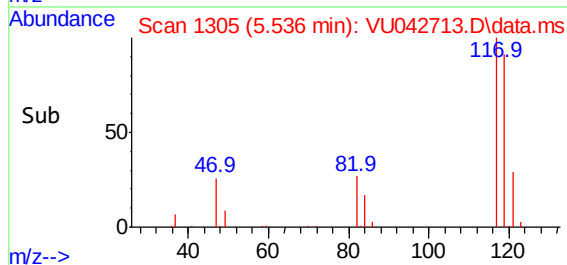
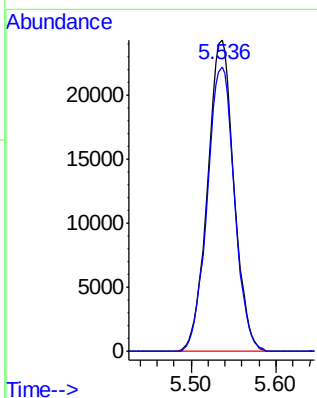
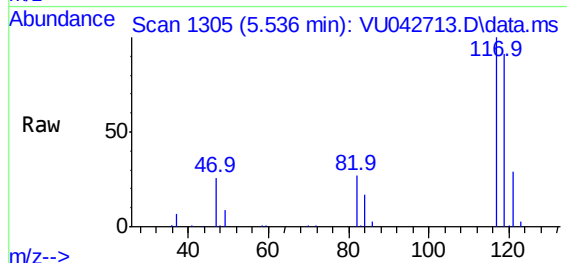




#31
Carbon tetrachloride
Concen: 4.86 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

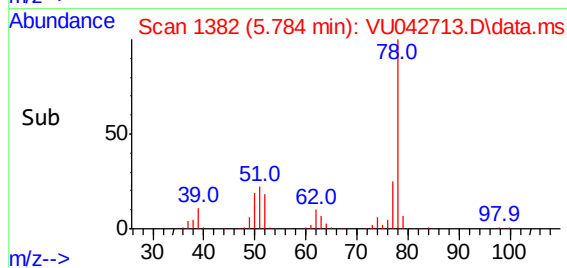
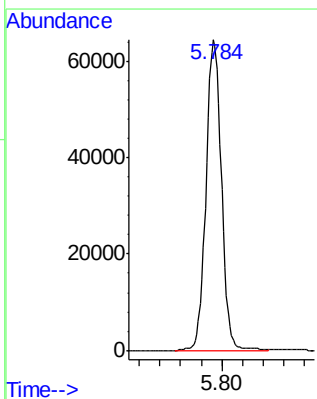
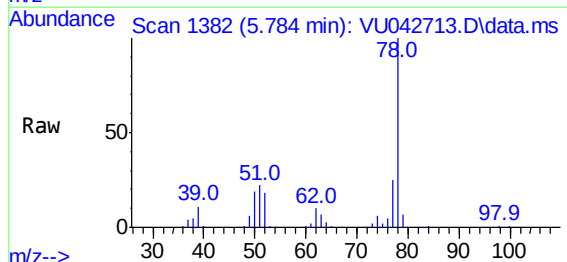
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

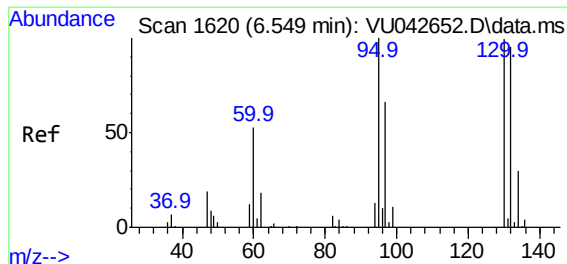
Tgt Ion:117 Resp: 52310
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.4



#33
Benzene
Concen: 4.85 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 78 Resp: 133198

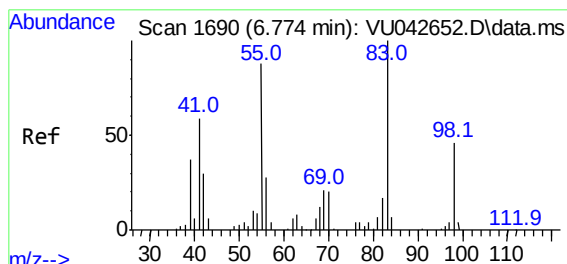
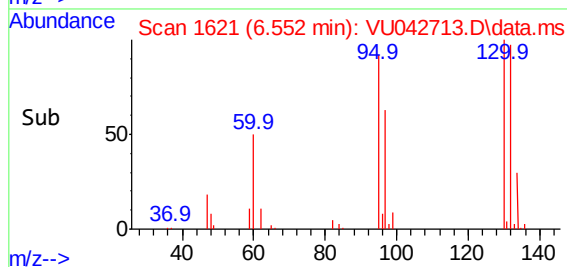
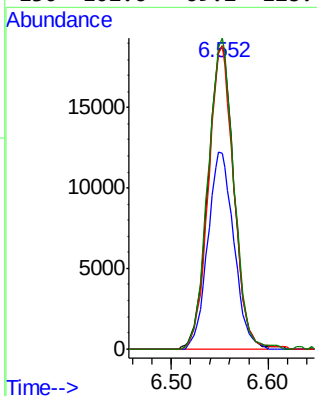
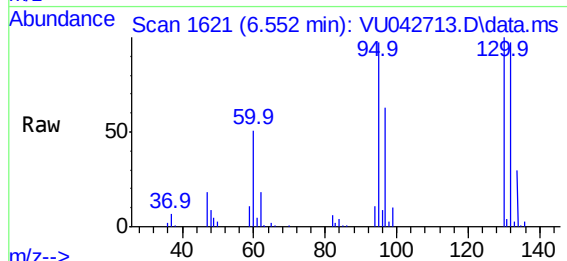




#34
Trichloroethene
Concen: 4.60 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

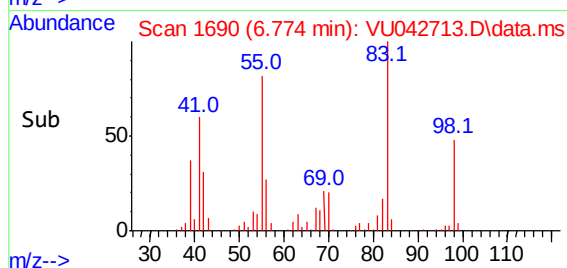
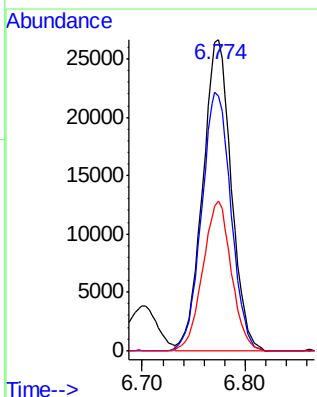
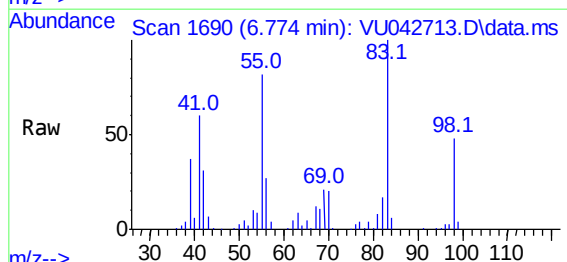
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

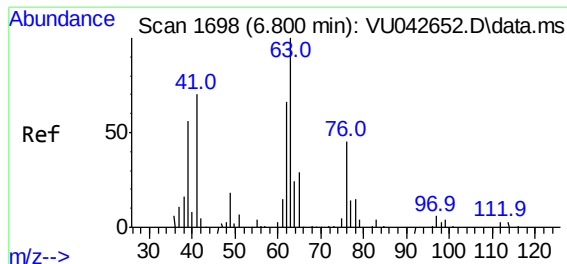
Tgt Ion: 95 Resp: 35025
Ion Ratio Lower Upper
95 100
97 64.6 44.4 82.4
132 100.0 68.0 126.4
130 102.6 69.2 128.4



#35
Methylcyclohexane
Concen: 4.40 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 83 Resp: 50980
Ion Ratio Lower Upper
83 100
55 85.4 68.2 102.4
98 47.9 39.7 59.5

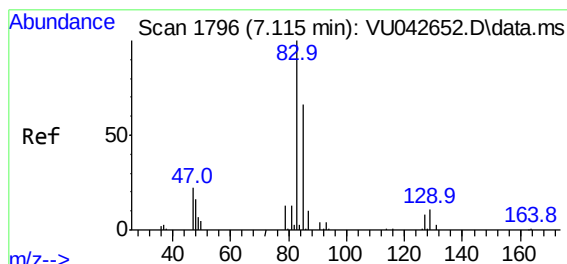
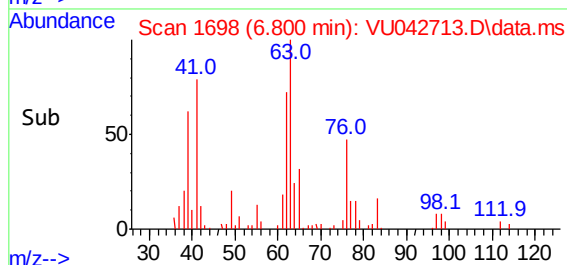
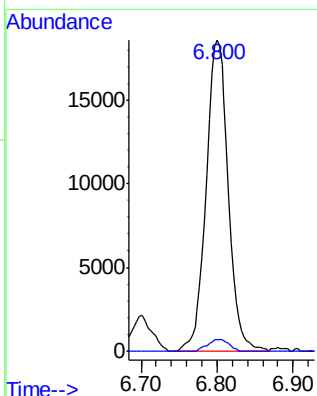
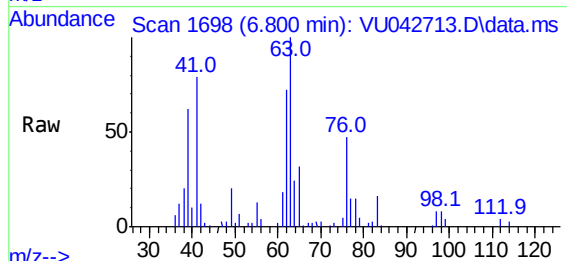




#37
1,2-Dichloropropane
Concen: 5.06 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

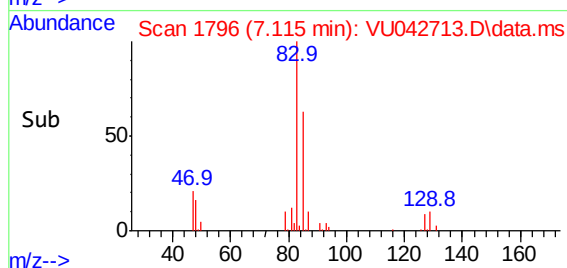
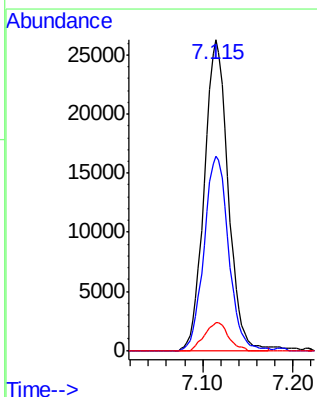
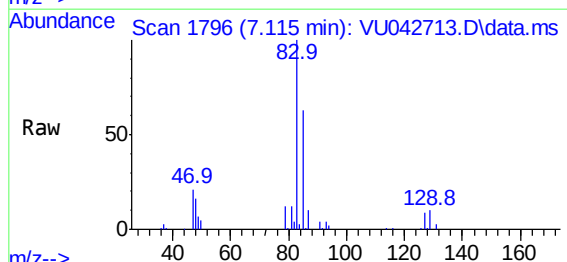
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

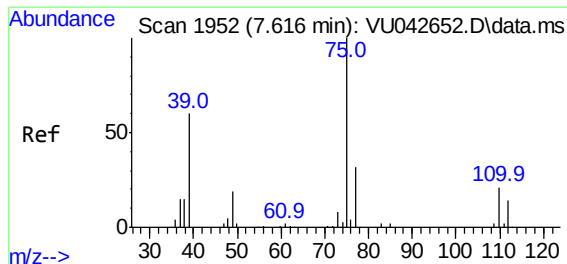
Tgt Ion: 63 Resp: 37494
Ion Ratio Lower Upper
63 100
112 3.4 3.4 5.0



#38
Bromodichloromethane
Concen: 4.94 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 83 Resp: 47810
Ion Ratio Lower Upper
83 100
85 62.6 46.0 85.4
127 8.8 6.8 10.2

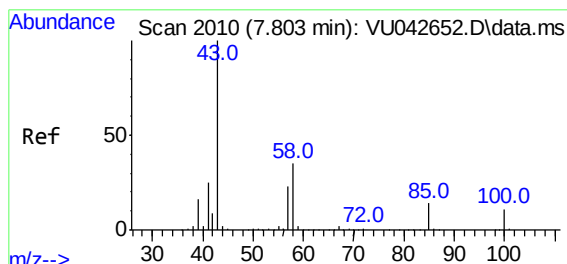
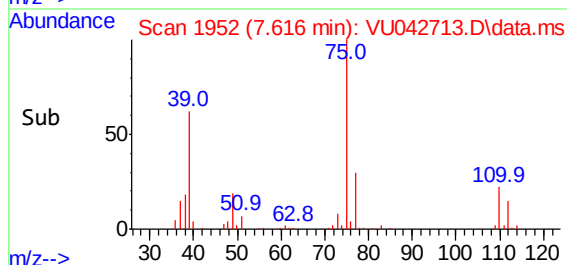
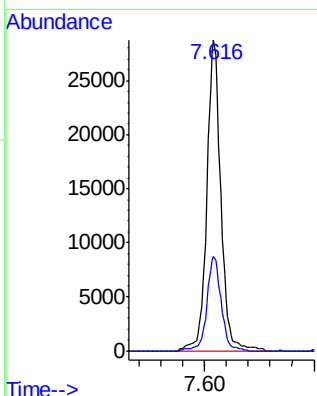
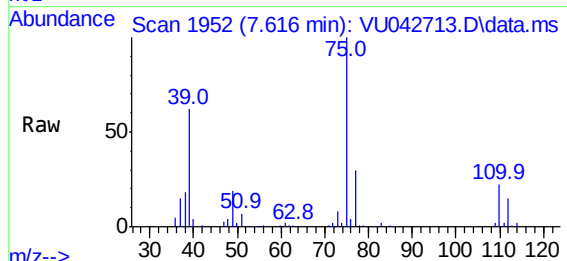




#39
cis-1,3-Dichloropropene
Concen: 4.75 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

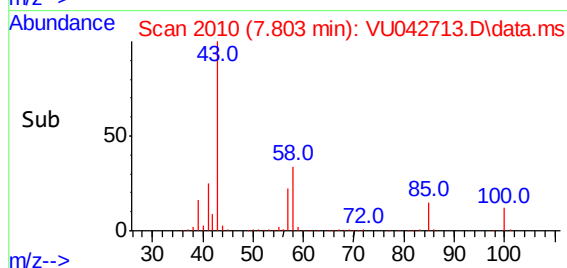
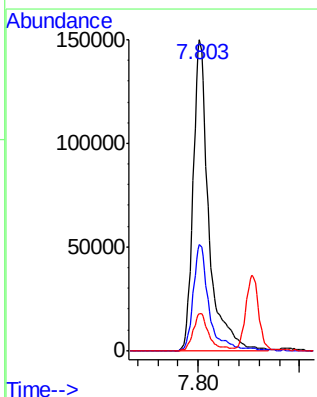
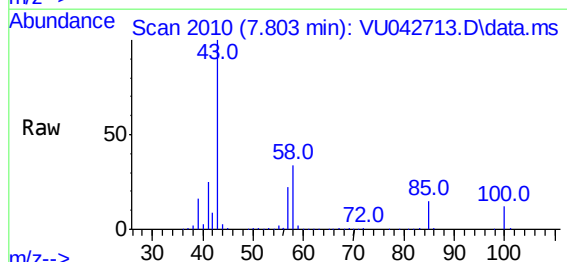
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

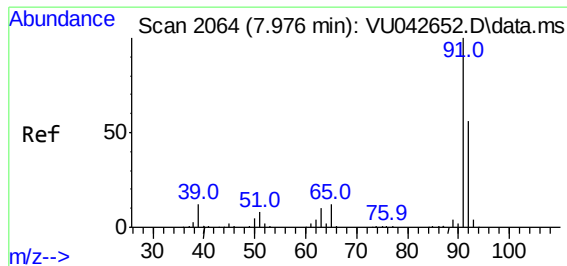
Tgt Ion: 75 Resp: 51351
Ion Ratio Lower Upper
75 100
77 30.3 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 49.50 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 43 Resp: 320045
Ion Ratio Lower Upper
43 100
58 33.7 29.1 43.7
100 11.7 11.0 16.4

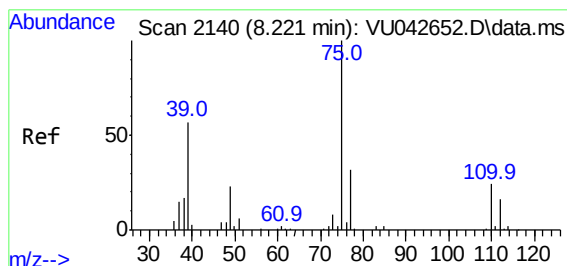
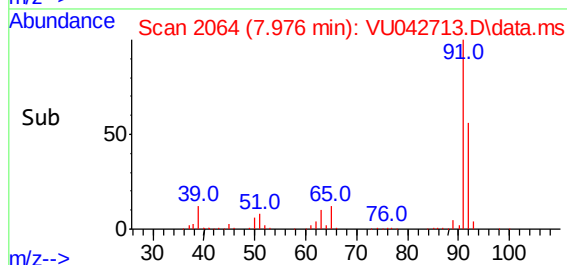
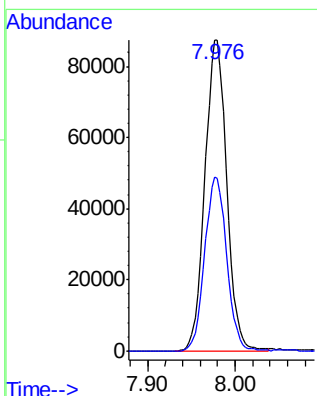
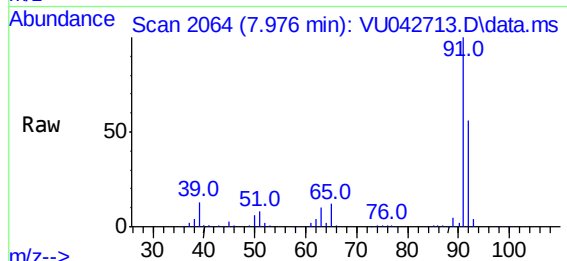




#42
Toluene
Concen: 5.03 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

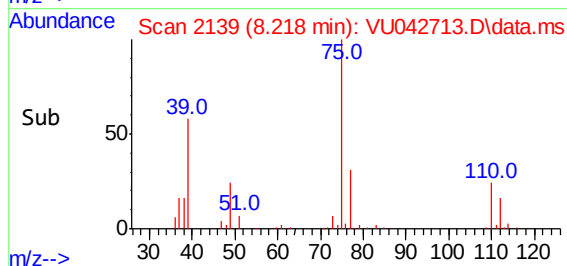
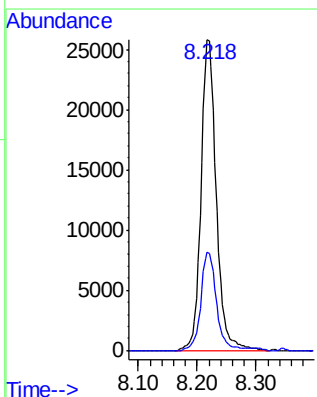
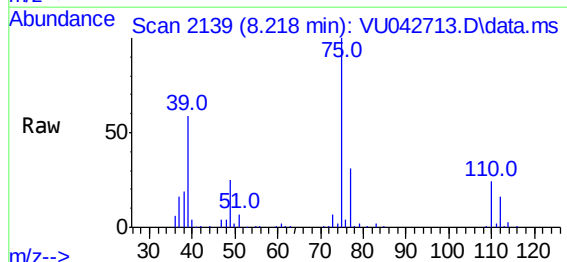
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

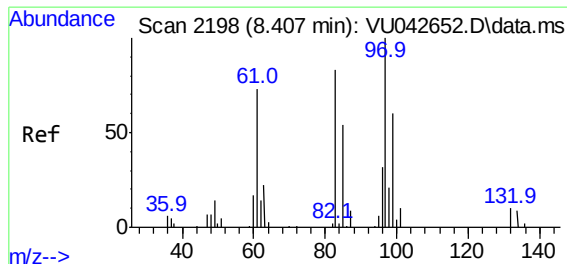
Tgt Ion: 91 Resp: 150795
Ion Ratio Lower Upper
91 100
92 55.9 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.67 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 75 Resp: 46600
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.4



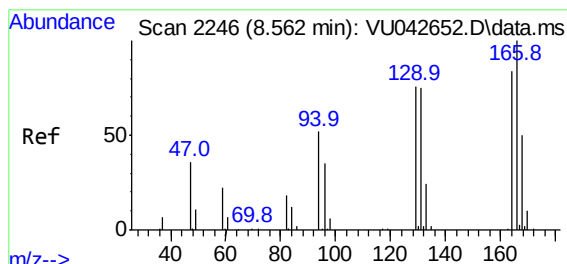
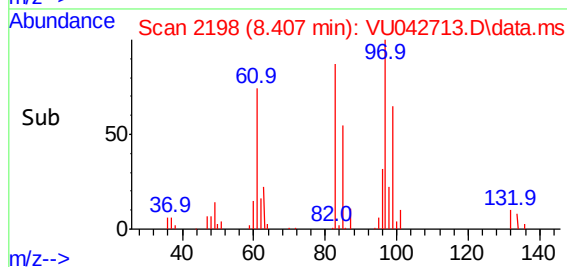
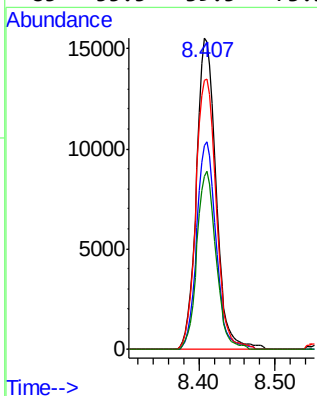
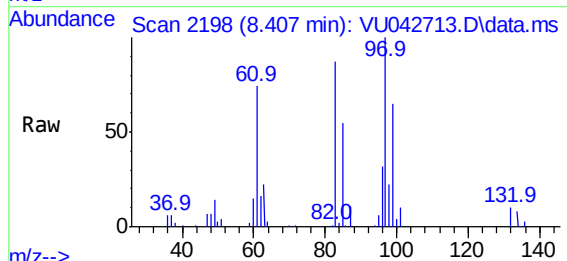


#45
1,1,2-Trichloroethane
Concen: 5.01 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 97 Resp: 27415

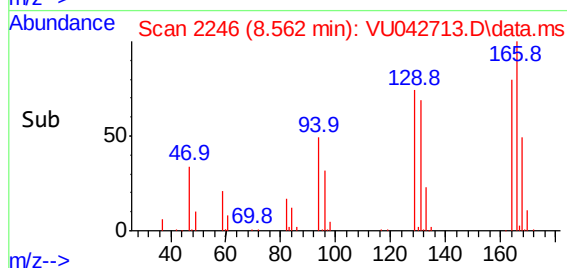
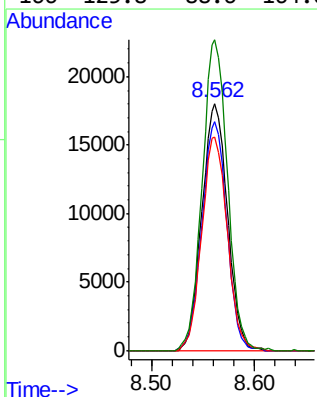
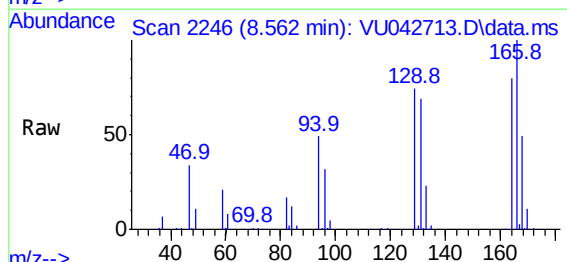
Ion	Ratio	Lower	Upper
97	100		
99	65.4	44.0	81.8
83	86.5	57.6	107.0
85	55.5	39.5	73.3

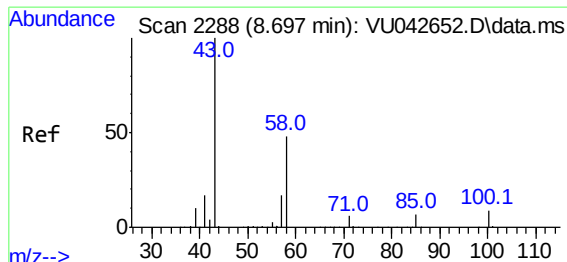


#47
Tetrachloroethene
Concen: 4.98 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 164 Resp: 30941

Ion	Ratio	Lower	Upper
164	100		
129	92.5	64.3	119.5
131	86.1	62.2	115.6
166	125.8	88.6	164.6



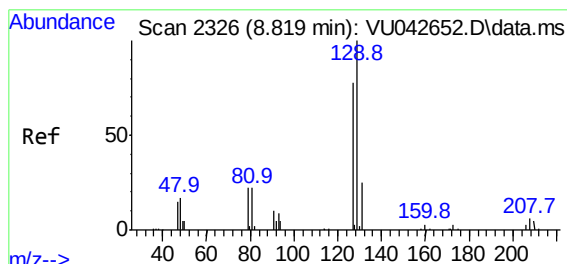
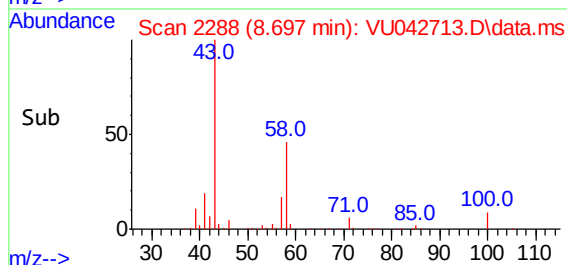
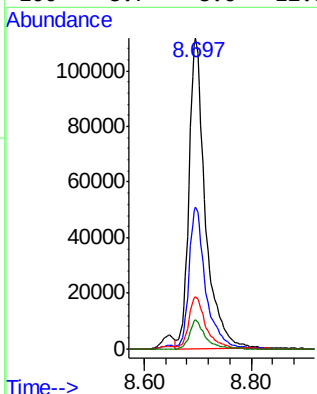
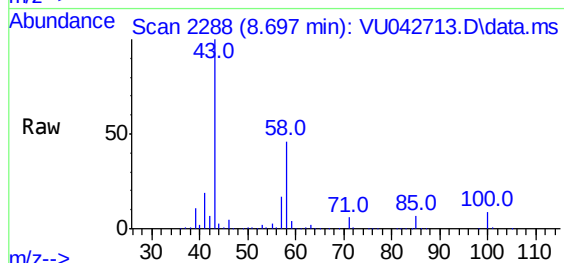


#48
2-Hexanone
Concen: 49.68 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 43 Resp: 236973

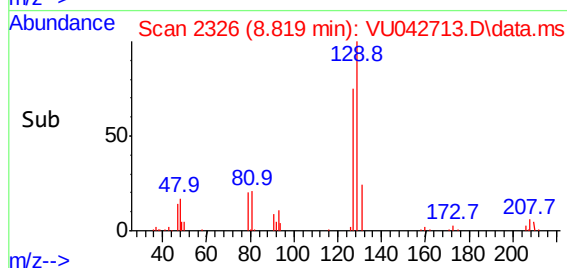
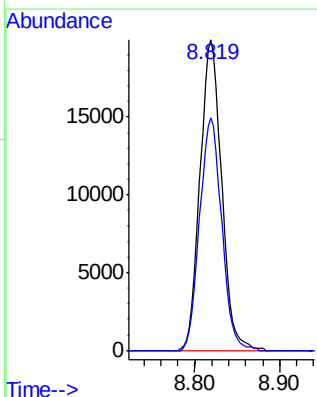
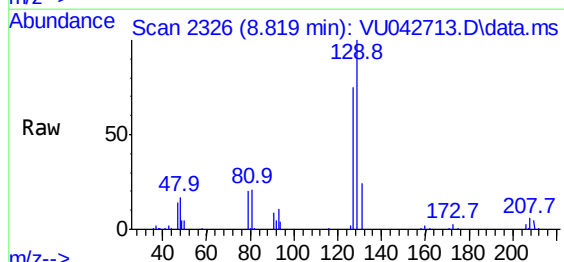
Ion	Ratio	Lower	Upper
43	100		
58	46.7	40.6	61.0
57	17.6	14.9	22.3
100	8.7	8.6	12.8

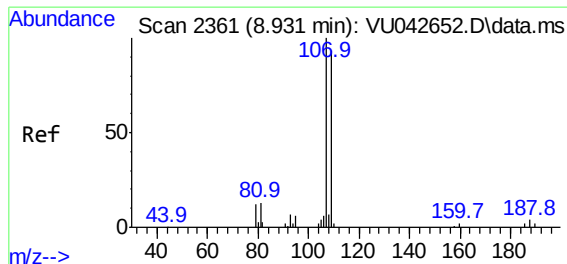


#49
Dibromochloromethane
Concen: 5.14 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 129 Resp: 35159

Ion	Ratio	Lower	Upper
129	100		
127	74.8	52.3	97.1

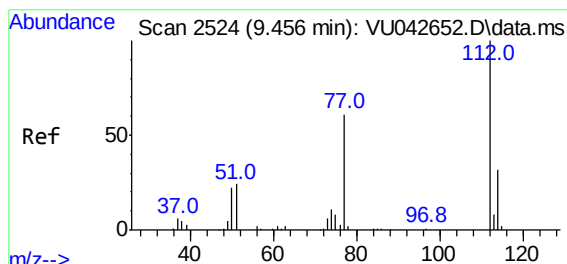
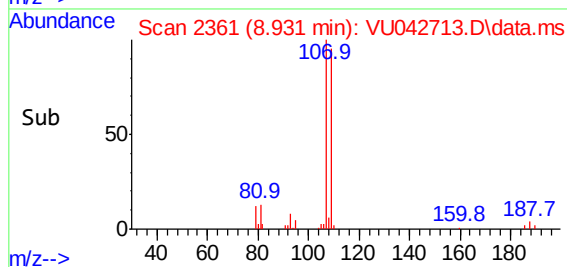
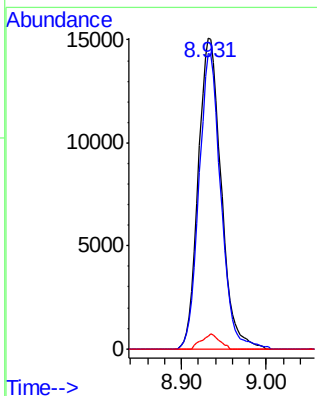
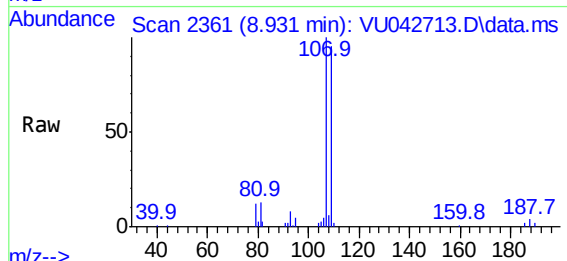




#50
1,2-Dibromoethane
Concen: 5.18 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

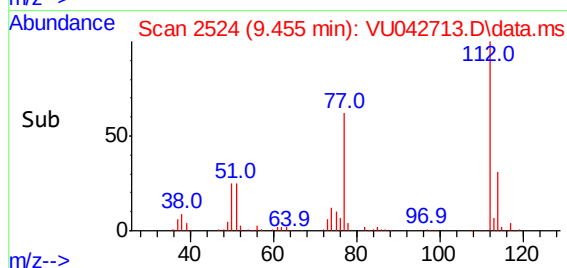
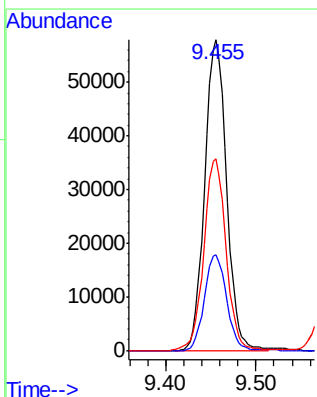
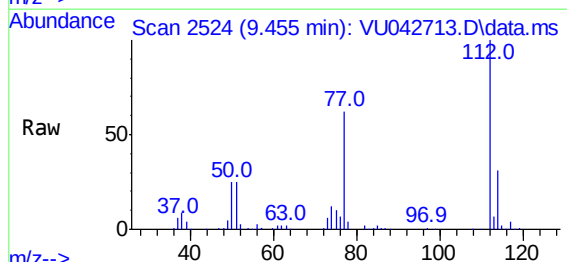
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

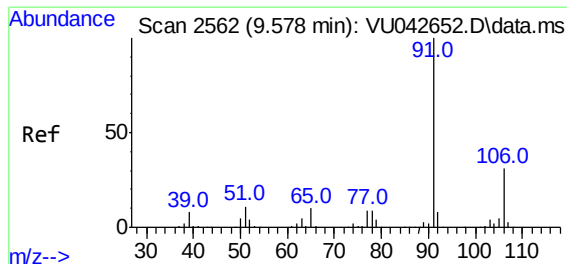
Tgt Ion:107 Resp: 27941
Ion Ratio Lower Upper
107 100
109 95.2 65.5 121.6
188 4.2 3.4 5.2



#51
Chlorobenzene
Concen: 5.03 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion:112 Resp: 96414
Ion Ratio Lower Upper
112 100
114 30.7 22.0 41.0
77 61.7 49.8 74.6

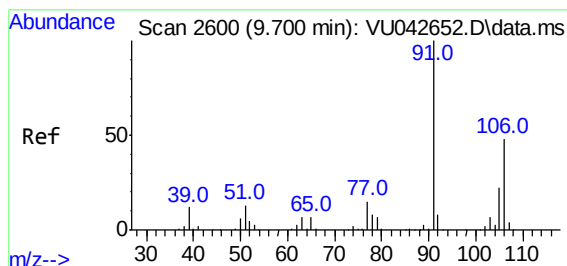
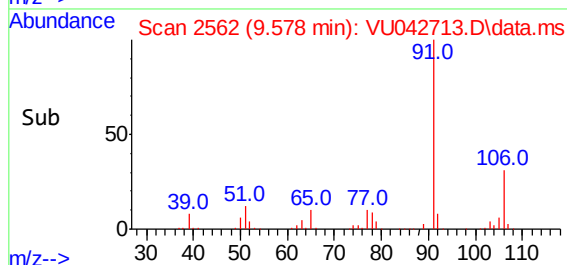
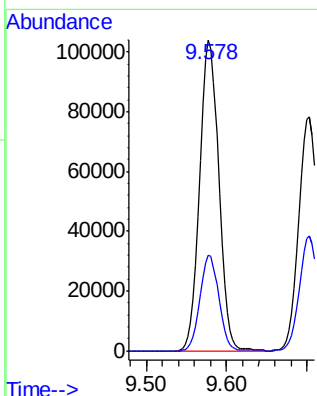
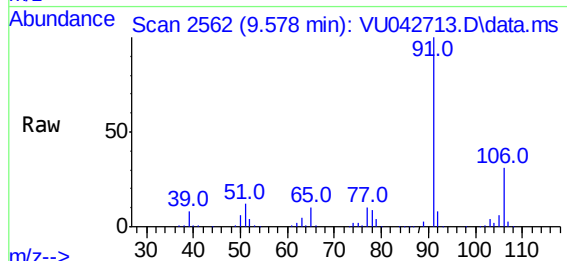




#52
Ethylbenzene
Concen: 4.93 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

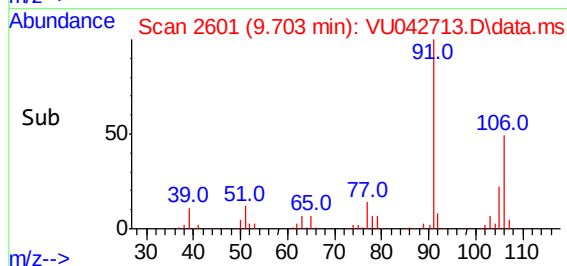
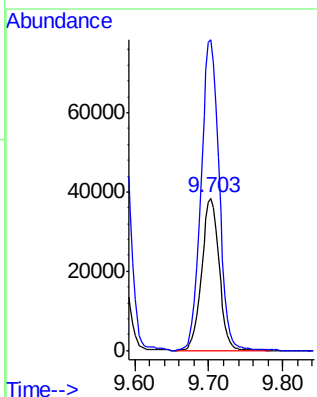
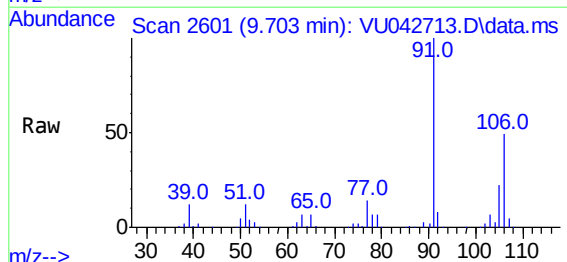
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

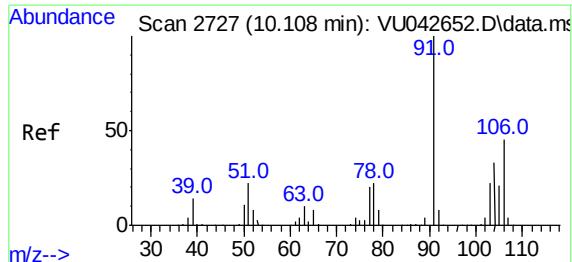
Tgt Ion: 91 Resp: 166222
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.3



#53
m,p-Xylene
Concen: 5.03 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 106 Resp: 62793
Ion Ratio Lower Upper
106 100
91 204.0 145.1 269.5

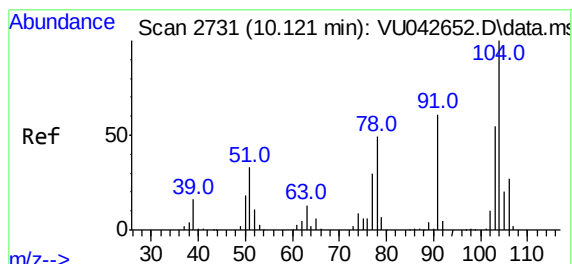
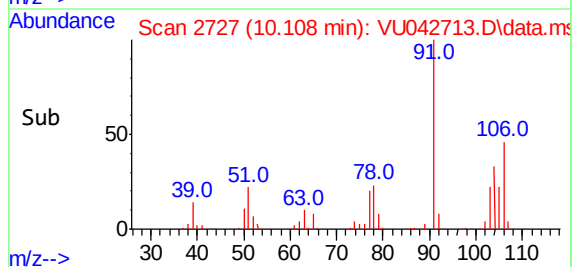
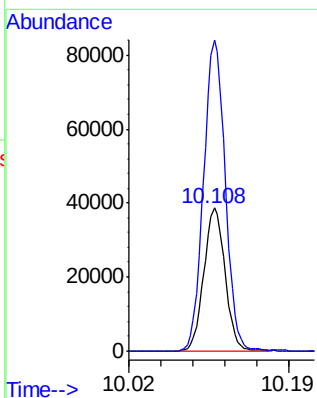
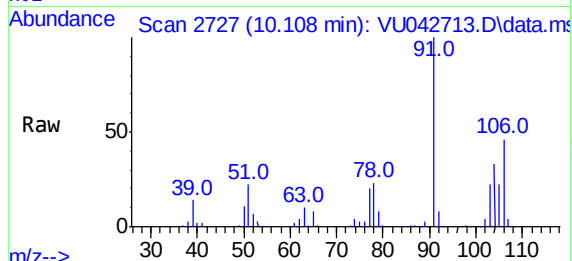




#54
o-Xylene
Concen: 5.05 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

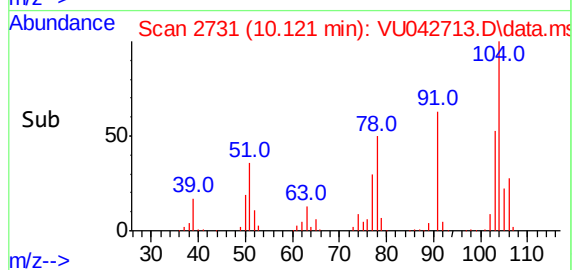
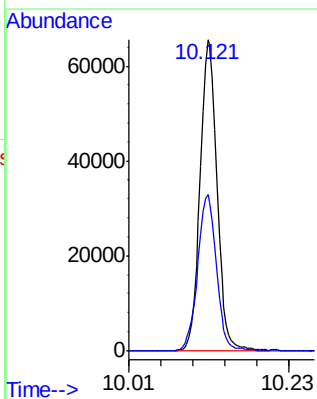
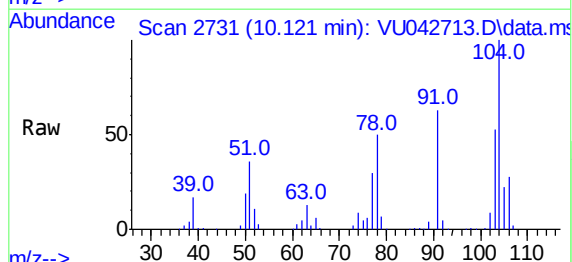
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

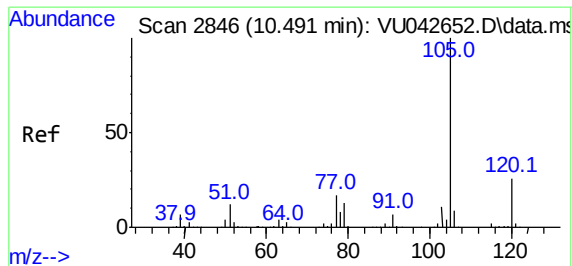
Tgt Ion:106 Resp: 61078
Ion Ratio Lower Upper
106 100
91 217.9 153.0 284.2



#55
Styrene
Concen: 5.18 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion:104 Resp: 106448
Ion Ratio Lower Upper
104 100
78 50.0 34.9 64.7

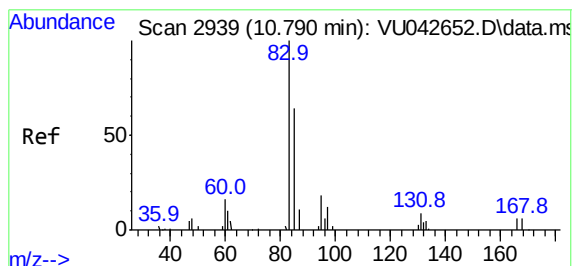
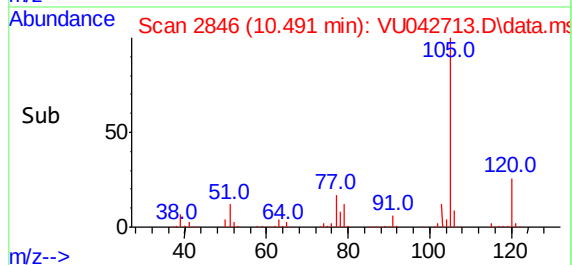
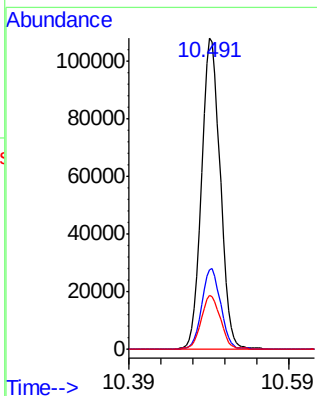
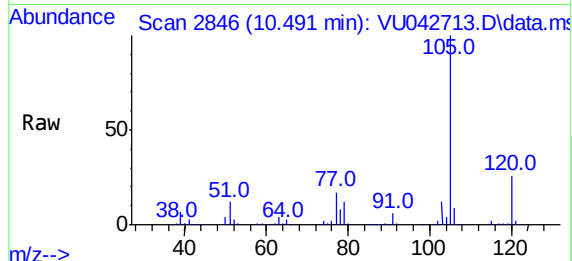




#56
Isopropylbenzene
Concen: 5.06 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

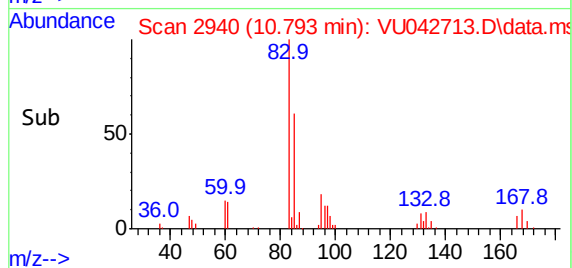
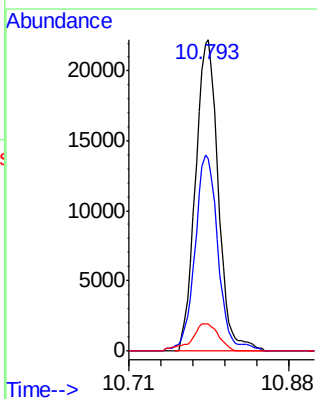
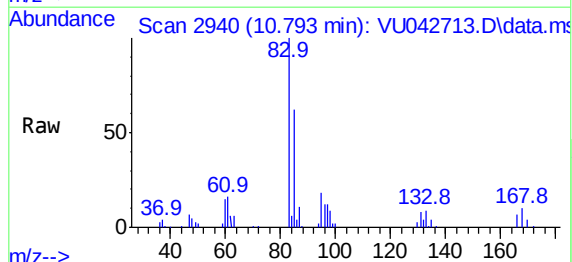
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

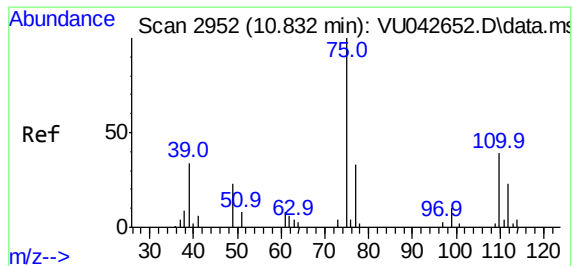
Tgt Ion:105 Resp: 168265
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 17.6 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.14 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 83 Resp: 37650
Ion Ratio Lower Upper
83 100
85 61.9 44.4 82.4
131 8.5 8.6 12.8#

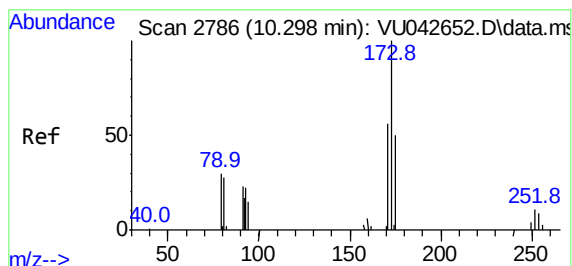
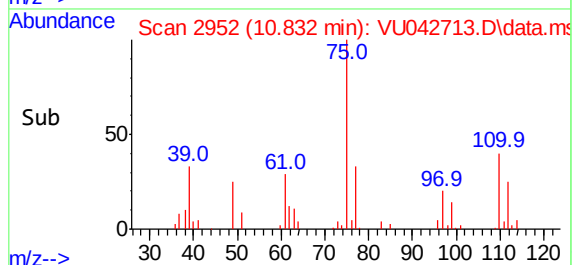
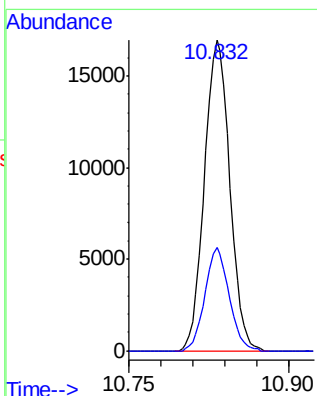
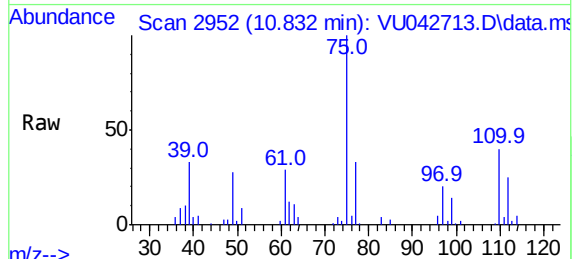




#59
1,2,3-Trichloropropane
Concen: 4.97 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

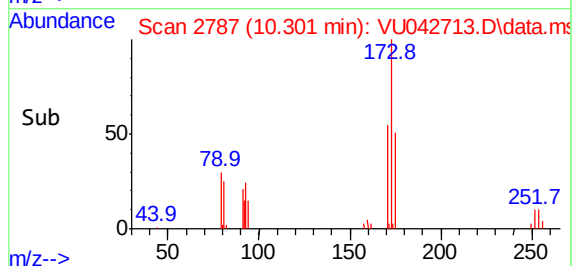
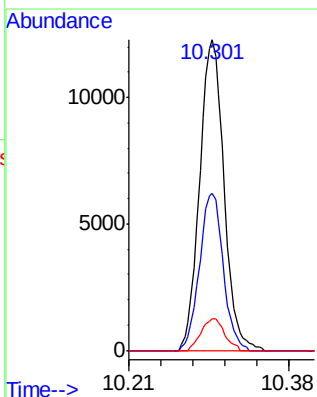
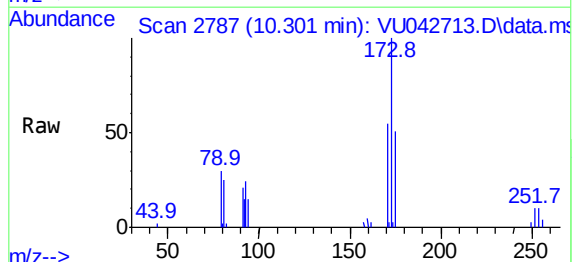
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

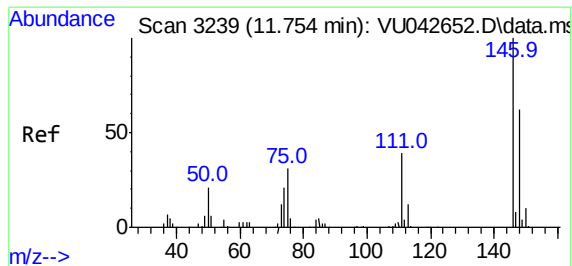
Tgt Ion: 75 Resp: 27713
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0



#61
Bromoform
Concen: 4.83 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 173 Resp: 21447
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 9.7 7.9 11.9

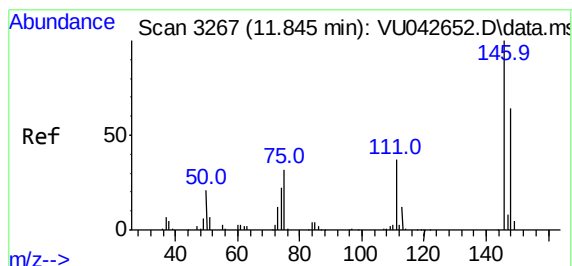
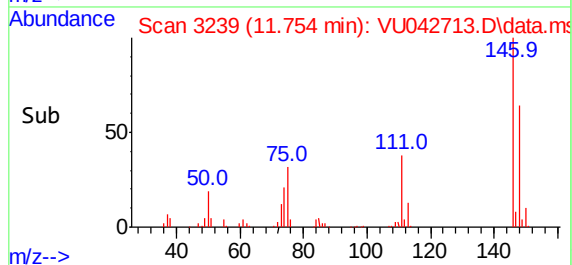
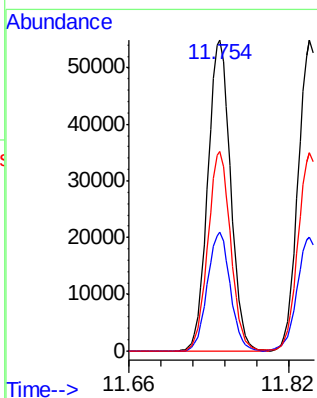
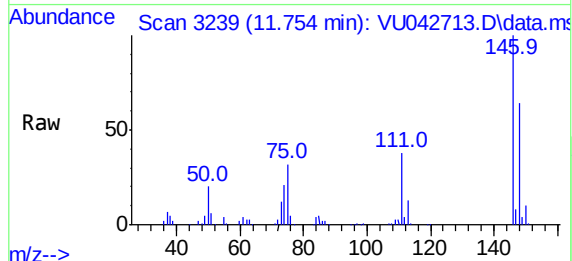




#62
1,3-Dichlorobenzene
Concen: 5.11 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

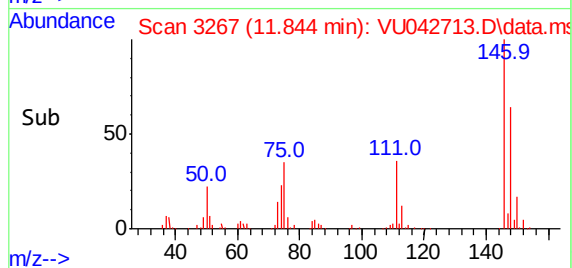
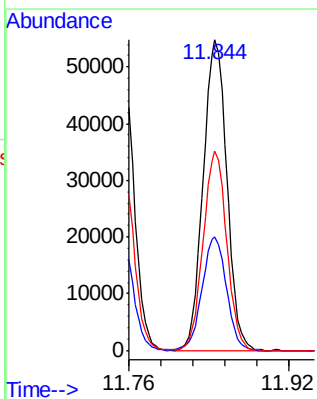
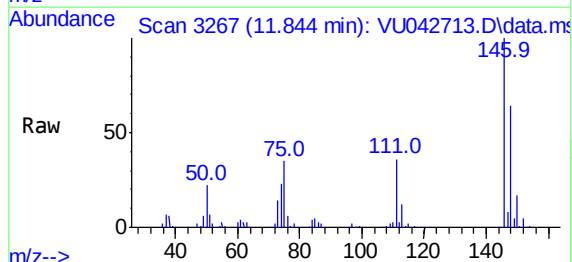
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

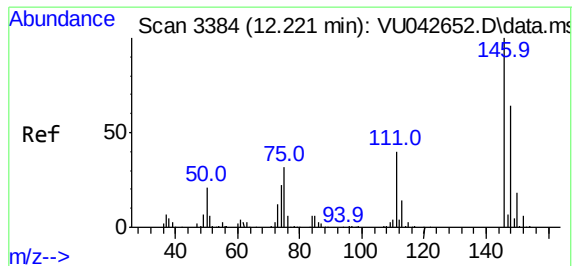
Tgt Ion:146 Resp: 86671
Ion Ratio Lower Upper
146 100
111 38.1 27.2 50.4
148 64.1 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.16 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion:146 Resp: 87207
Ion Ratio Lower Upper
146 100
111 36.4 25.8 47.8
148 64.0 44.1 81.9

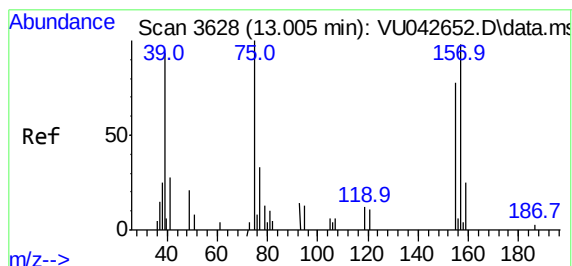
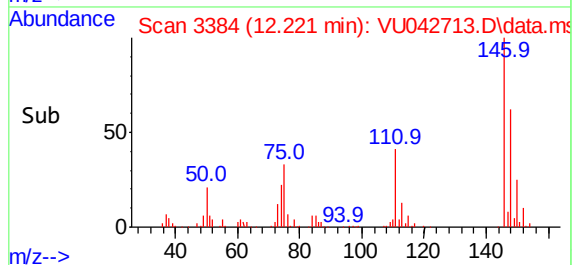
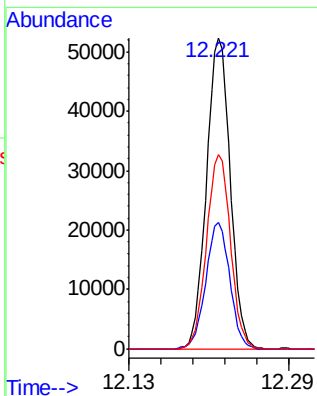
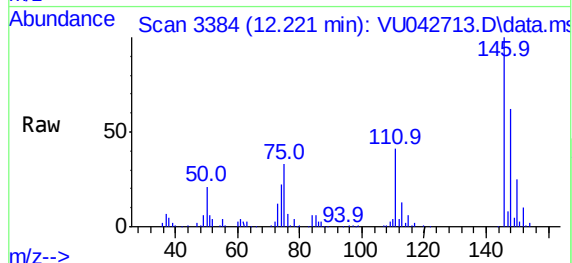




#65
1,2-Dichlorobenzene
Concen: 5.13 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

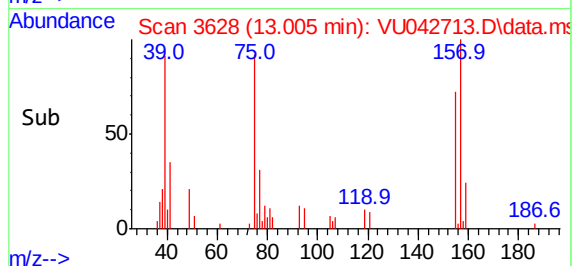
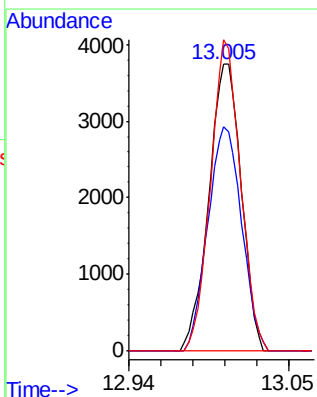
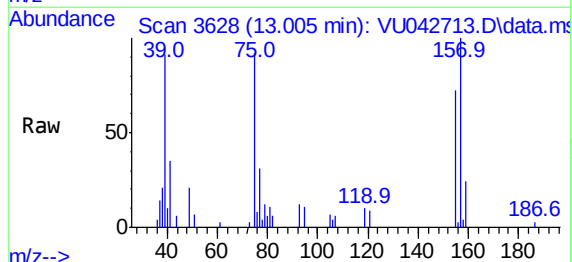
Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

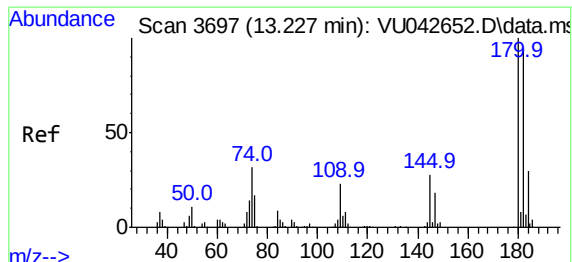
Tgt Ion:146 Resp: 83680
Ion Ratio Lower Upper
146 100
111 40.5 32.7 49.1
148 62.4 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.43 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion: 75 Resp: 6080
Ion Ratio Lower Upper
75 100
155 77.9 69.0 103.6
157 108.5 91.0 136.6

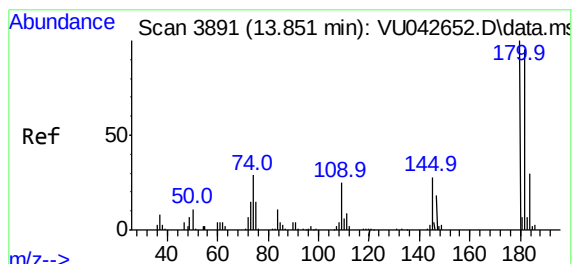
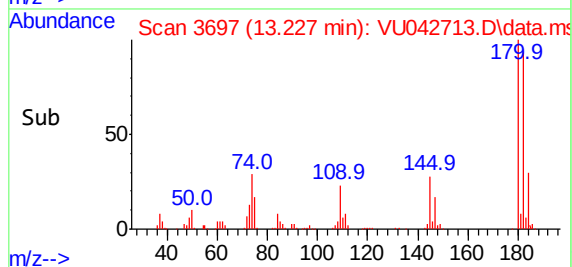
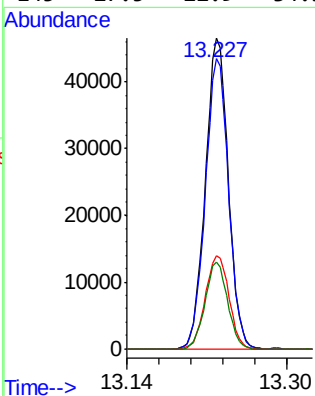
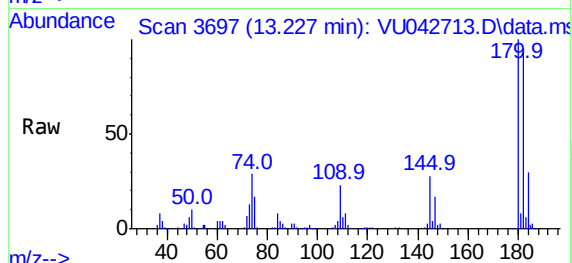




#67
 1,3,5-Trichlorobenzene
 Concen: 4.86 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. -0.000 min
 Lab File: VU042713.D
 Acq: 19 Mar 2021 11:59

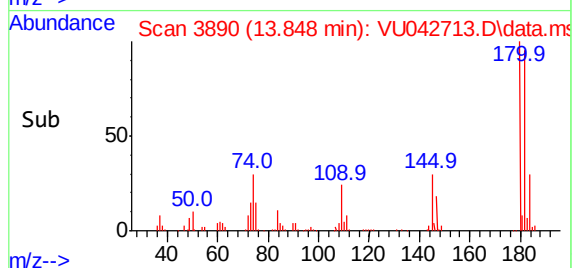
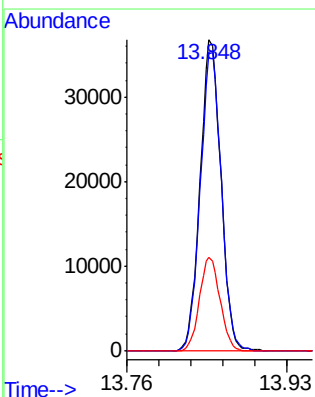
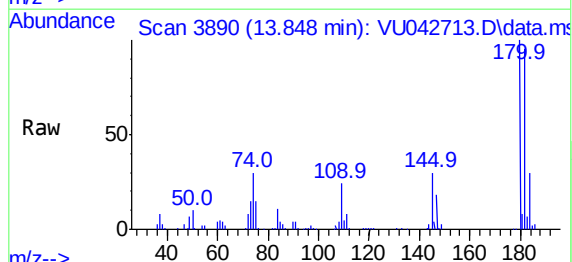
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

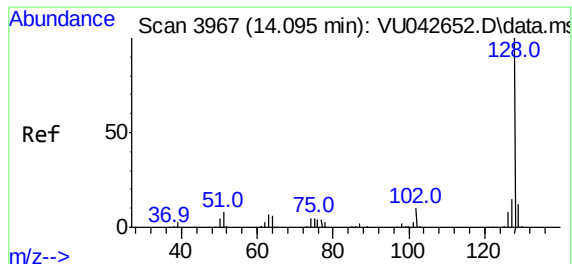
Tgt Ion:180 Resp: 71490
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.4 114.6
 184 30.9 23.9 35.9
 145 27.5 22.9 34.3



#68
 1,2,4-trichlorobenzene
 Concen: 4.67 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.003 min
 Lab File: VU042713.D
 Acq: 19 Mar 2021 11:59

Tgt Ion:180 Resp: 56842
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.3 114.5
 145 29.4 23.7 35.5

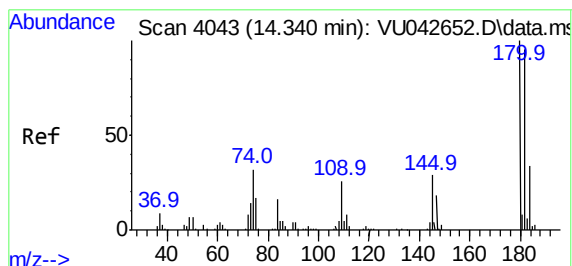
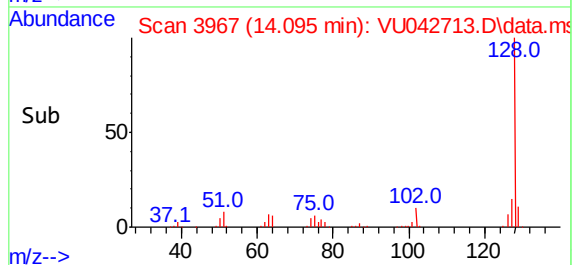
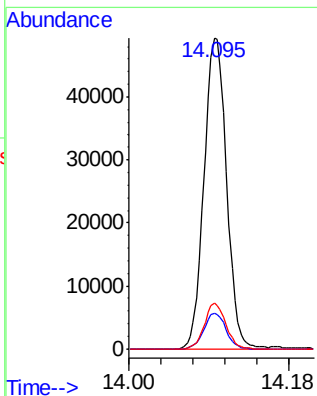
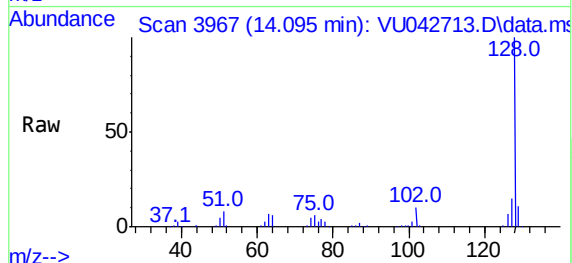




#69
Naphthalene
Concen: 4.19 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:128 Resp: 82825
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.9 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.88 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042713.D
Acq: 19 Mar 2021 11:59

Tgt Ion:180 Resp: 53927
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 28.9 24.7 37.1

