

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042563.D
 Acq On : 11 Mar 2021 14:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Mar 12 01:26:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 09 01:35:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	85393	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	84997	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	45089	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27496	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.919	69	22512	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.578	63	64471	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	4.649	46	95061	50.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.72%
24) Chloroform-d	5.073	84	58431	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.713	65	35981	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.739	84	104294	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.700	67	33672	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	103312	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloroprop...	8.186	79	14956	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.645	63	68309	45.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29667	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	42127	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	36614	4.61	ug/L	100
3) Chloromethane	1.523	50	34614	4.60	ug/L	99
5) Vinyl chloride	1.607	62	35362	4.68	ug/L	99
6) Bromomethane	1.864	94	22047	5.29	ug/L	97
8) Chloroethane	1.941	64	23023	5.10	ug/L	96
9) Trichlorofluoromethane	2.144	101	62808	5.09	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32563	5.03	ug/L	98
12) 1,1-Dichloroethene	2.588	96	28885	4.80	ug/L	87
13) Acetone	2.662	43	54148	37.59	ug/L	93
14) Carbon disulfide	2.803	76	85623	4.47	ug/L	100
15) Methyl Acetate	2.964	43	13226	3.69	ug/L	100
16) Methylene chloride	3.054	84	32554	4.52	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	76370	4.51	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	29833	4.72	ug/L	98
19) 1,1-Dichloroethane	3.880	63	58071	4.76	ug/L	99
21) 2-Butanone	4.729	43	106664	43.56	ug/L	95
22) cis-1,2-Dichloroethene	4.678	96	31921	4.72	ug/L	99
23) Bromochloromethane	4.983	128	15718	4.89	ug/L	94
25) Chloroform	5.099	83	61867	4.83	ug/L	97
27) 1,2-Dichloroethane	5.803	62	46668	4.85	ug/L #	95

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 ALS Vial : 2 Sample Multiplier: 1

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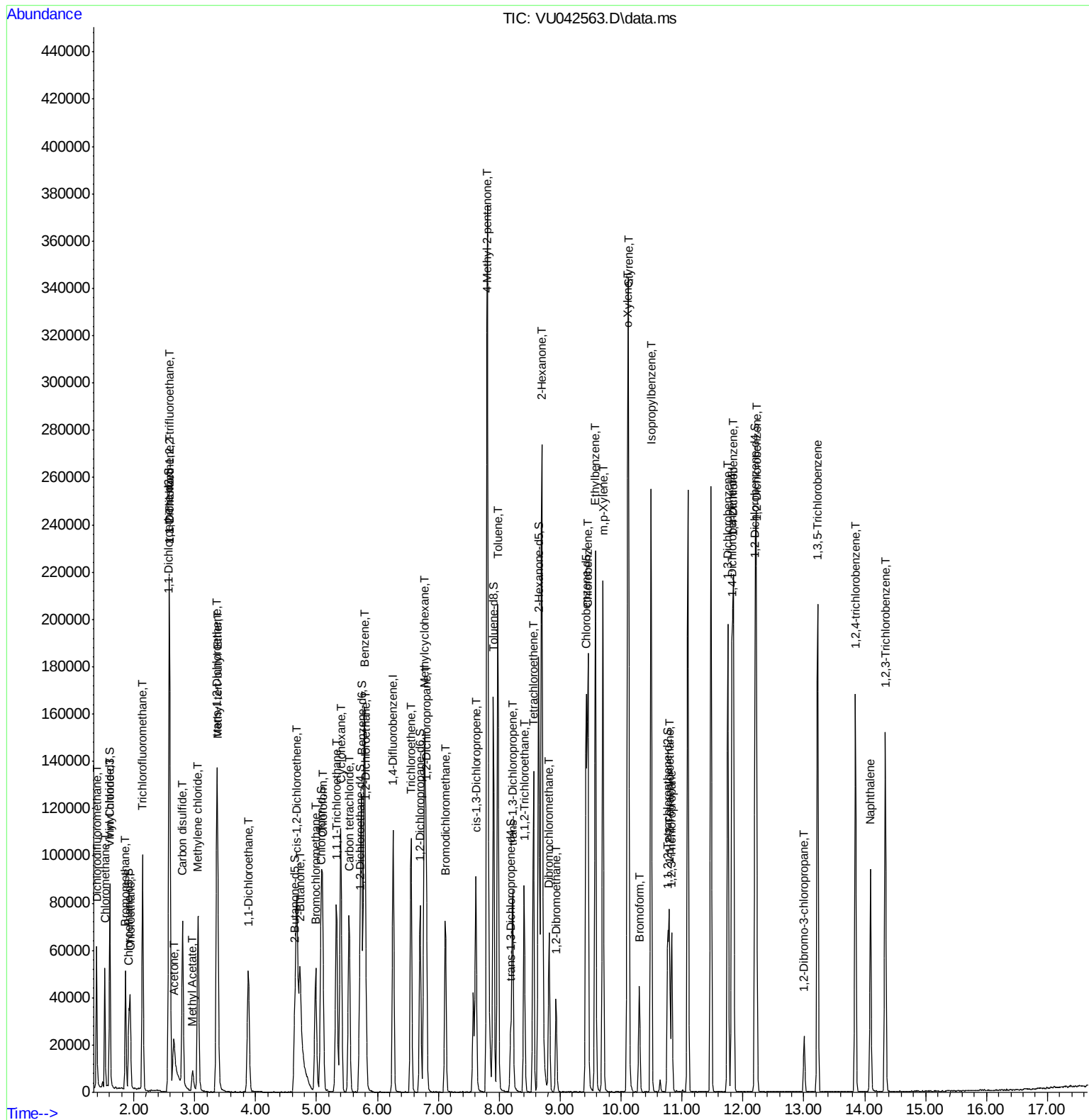
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	55213	4.67	ug/L	96
30) Cyclohexane	5.398	56	51738	4.38	ug/L	99
31) Carbon tetrachloride	5.536	117	48639	4.67	ug/L	98
33) Benzene	5.784	78	127187	4.78	ug/L	100
34) Trichloroethene	6.552	95	34474	4.68	ug/L	99
35) Methylcyclohexane	6.774	83	50111	4.47	ug/L	97
37) 1,2-Dichloropropane	6.800	63	34571	4.81	ug/L	98
38) Bromodichloromethane	7.115	83	44616	4.76	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	48093	4.60	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	293378	46.87	ug/L	96
42) Toluene	7.977	91	140338	4.84	ug/L	94
44) trans-1,3-Dichloropropene	8.221	75	43801	4.54	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	25524	4.82	ug/L	98
47) Tetrachloroethene	8.562	164	28014	4.66	ug/L	97
48) 2-Hexanone	8.697	43	217331	47.06	ug/L	95
49) Dibromochloromethane	8.819	129	31999	4.83	ug/L	95
50) 1,2-Dibromoethane	8.935	107	25584	4.90	ug/L	93
51) Chlorobenzene	9.456	112	88899	4.79	ug/L	98
52) Ethylbenzene	9.578	91	154057	4.71	ug/L	99
53) m,p-Xylene	9.703	106	56681	4.69	ug/L	94
54) o-Xylene	10.108	106	56000	4.78	ug/L	96
55) Styrene	10.121	104	96832	4.87	ug/L	99
56) Isopropylbenzene	10.494	105	154202	4.79	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	34481	4.86	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	25981	4.82	ug/L	98
61) Bromoform	10.301	173	19545	4.80	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	76815	4.94	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	77893	5.02	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	74049	4.95	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	5641	4.48	ug/L	98
67) 1,3,5-Trichlorobenzene	13.227	180	61522	4.56	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	49790	4.46	ug/L	97
69) Naphthalene	14.095	128	71879	3.96	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	45586	4.50	ug/L	98

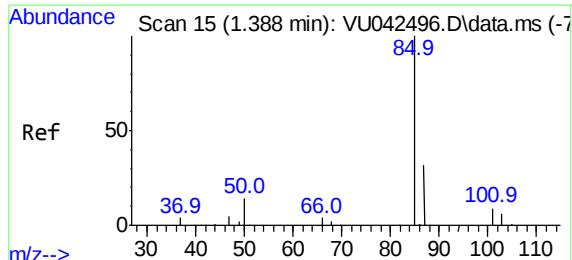
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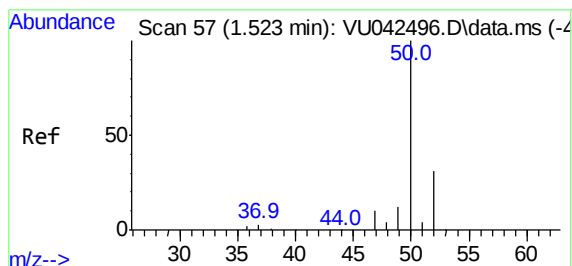
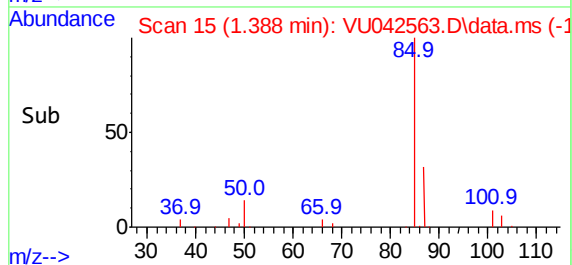
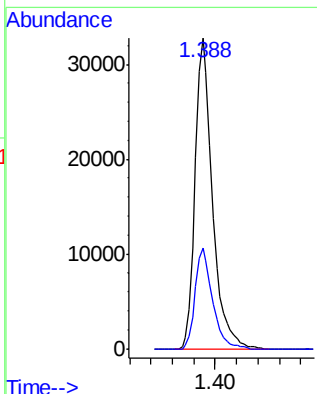
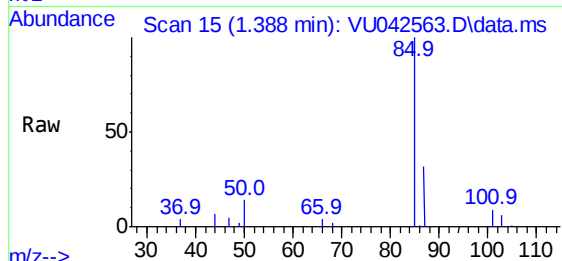


#2

Dichlorodifluoromethane
Concen: 4.61 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

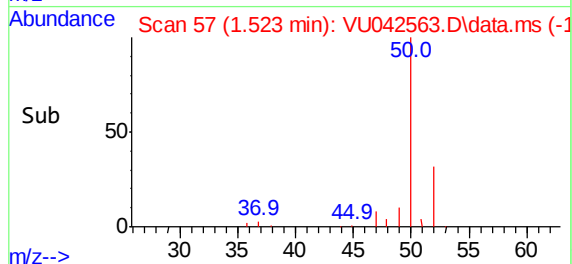
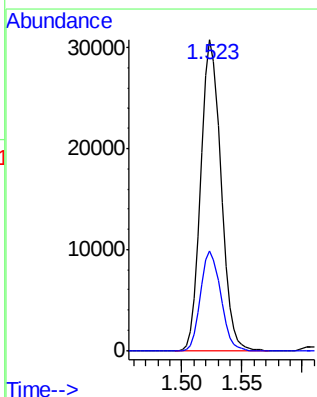
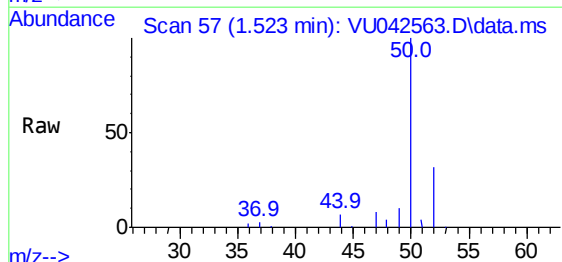
Tgt Ion: 85 Resp: 36614
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1

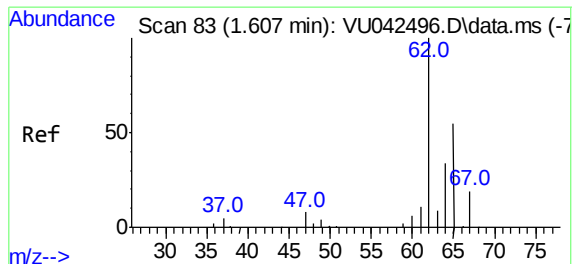


#3

Chloromethane
Concen: 4.60 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 50 Resp: 34614
Ion Ratio Lower Upper
50 100
52 32.1 23.0 42.8

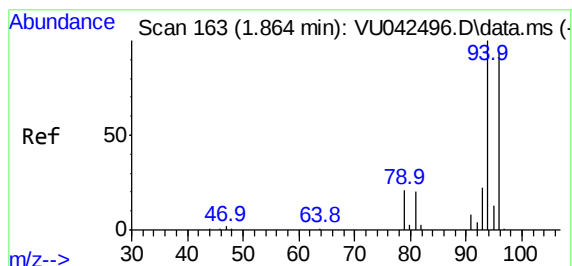
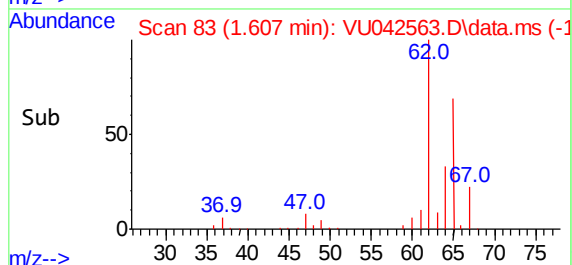
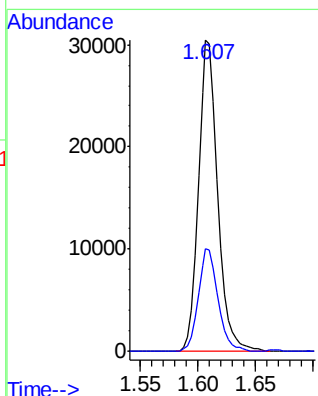
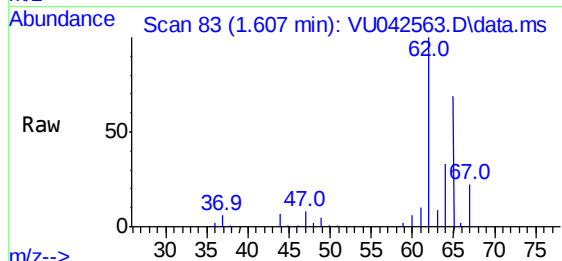




#5
 Vinyl chloride
 Concen: 4.68 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

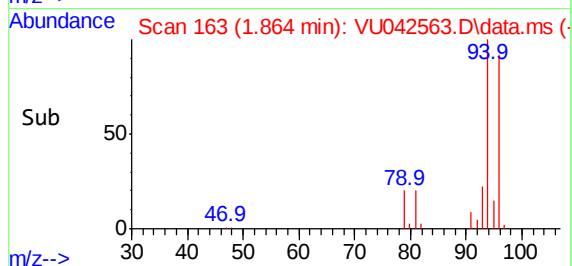
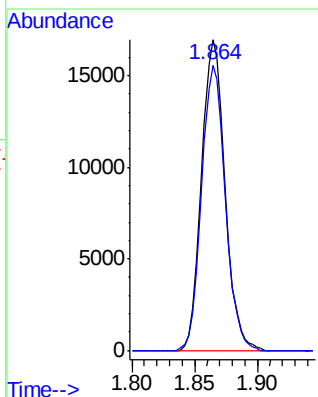
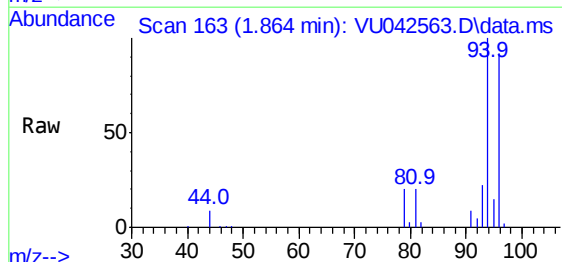
Instrument :
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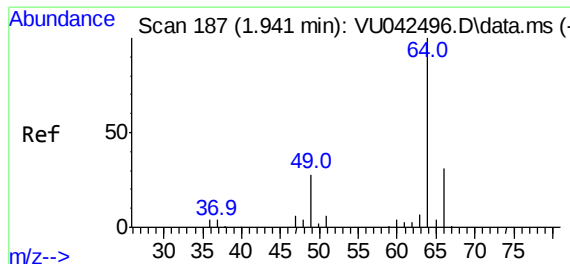
Tgt Ion: 62 Resp: 35362
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.1



#6
 Bromomethane
 Concen: 5.29 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

Tgt Ion: 94 Resp: 22047
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.5 123.5

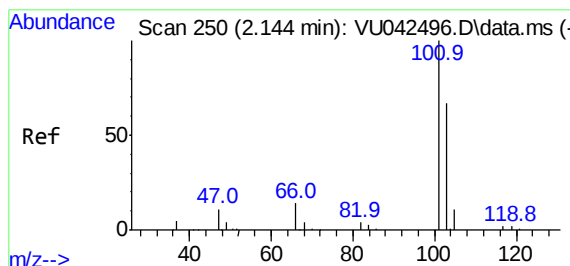
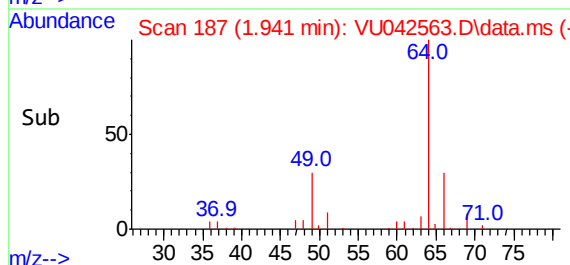
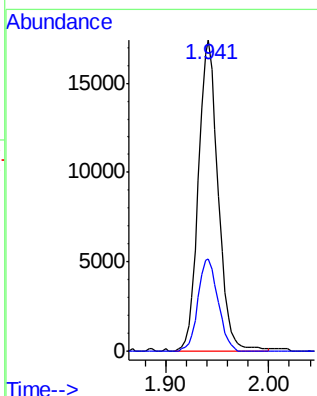
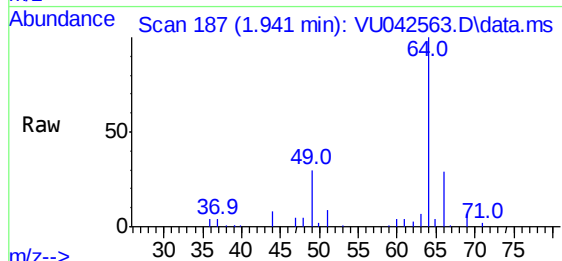




#8
Chloroethane
Concen: 5.10 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

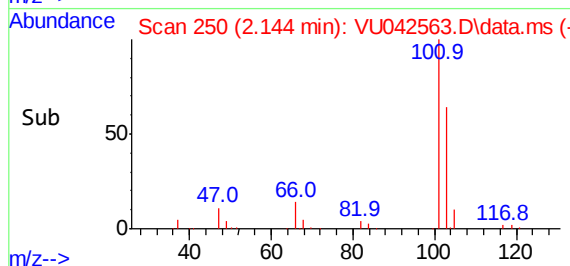
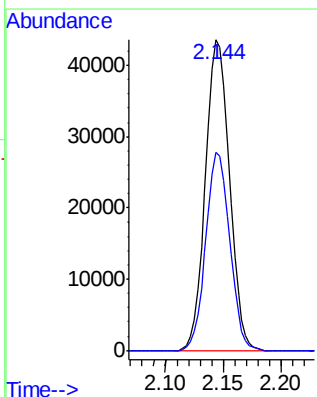
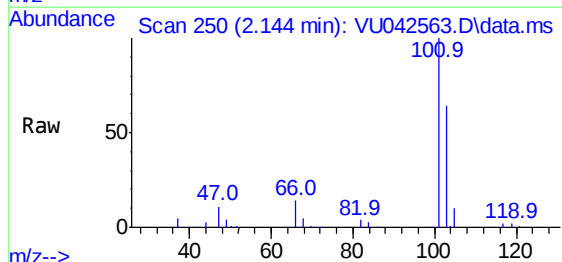
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MSVOA_U
ClientSampleId :
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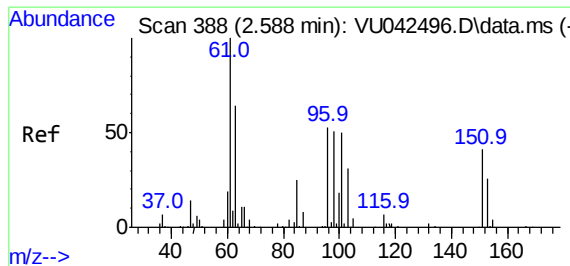
Tgt Ion: 64 Resp: 23023
Ion Ratio Lower Upper
64 100
66 29.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.09 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion:101 Resp: 62808
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.8

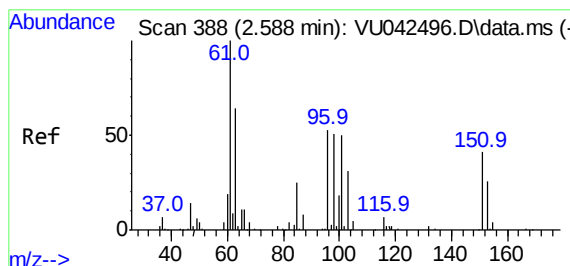
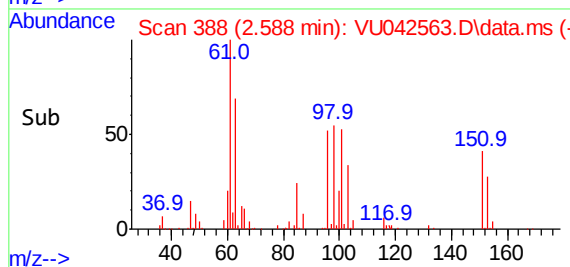
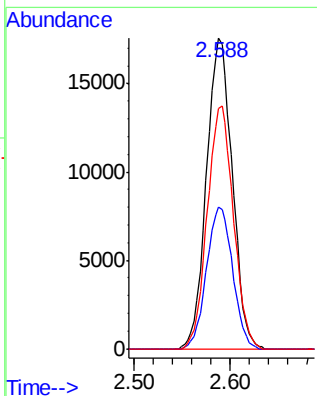
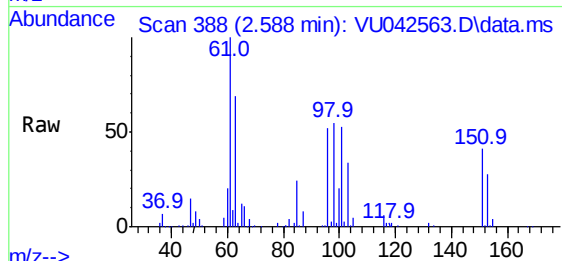




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.03 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

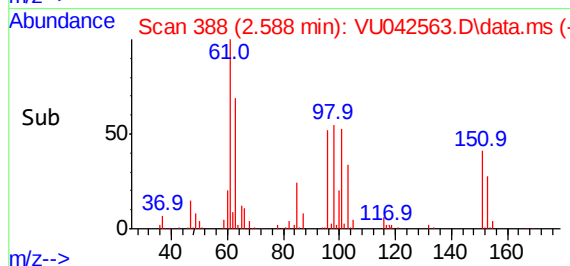
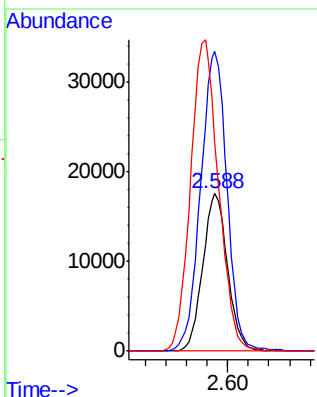
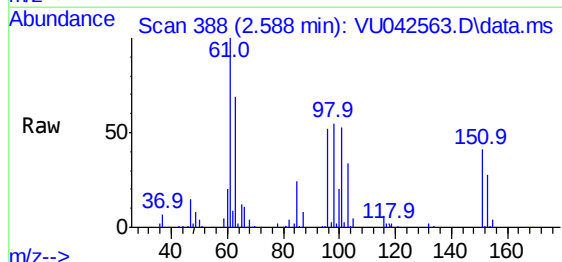
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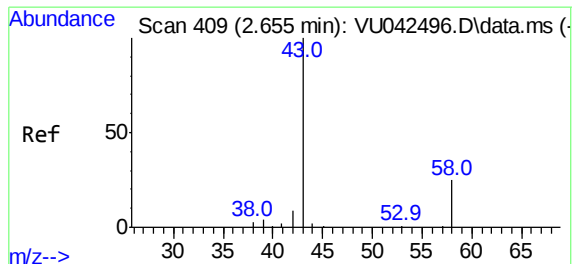
Tgt Ion:101 Resp: 32563
 Ion Ratio Lower Upper
 101 100
 85 46.1 34.6 51.8
 151 79.3 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.80 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

Tgt Ion: 96 Resp: 28885
 Ion Ratio Lower Upper
 96 100
 61 191.4 126.2 234.4
 63 132.9 77.8 144.4

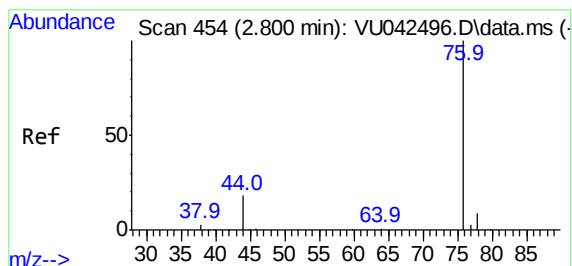
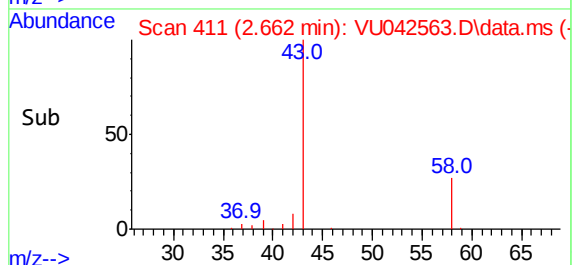
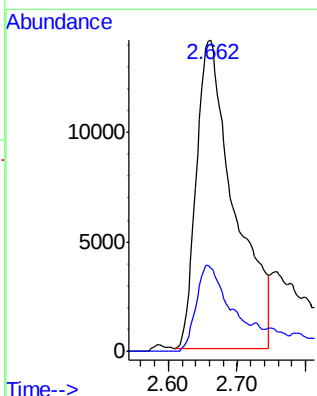
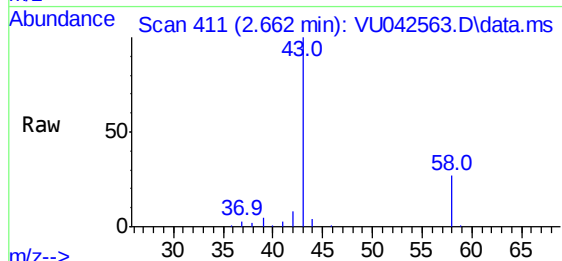




#13
Acetone
Concen: 37.59 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

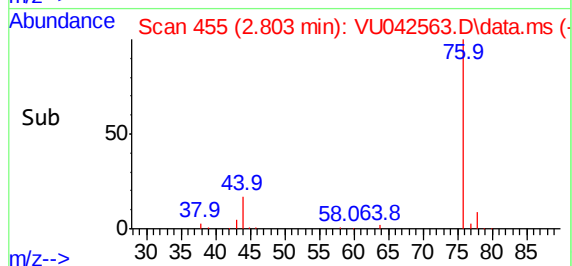
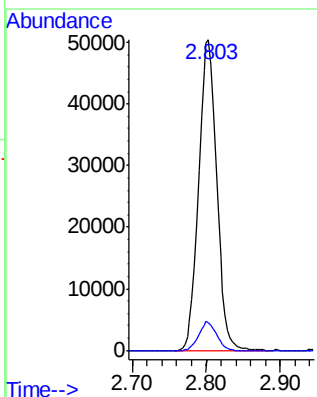
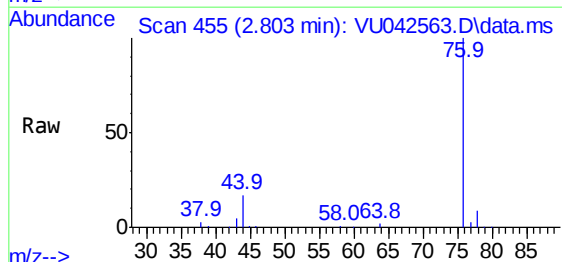
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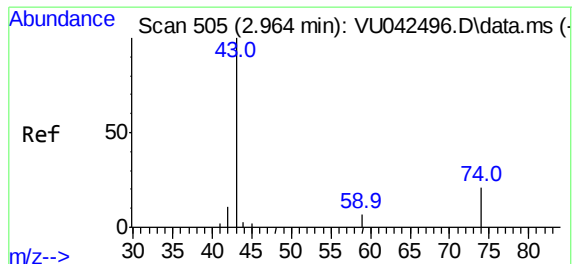
Tgt Ion: 43 Resp: 54148
Ion Ratio Lower Upper
43 100
58 24.4 0.0 55.8



#14
Carbon disulfide
Concen: 4.47 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 76 Resp: 85623
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

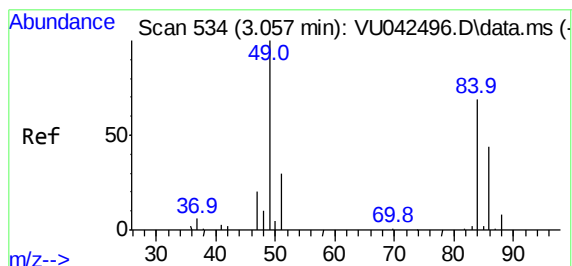
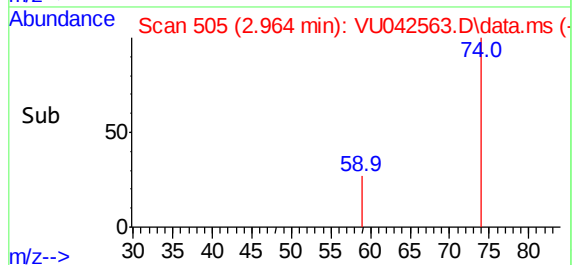
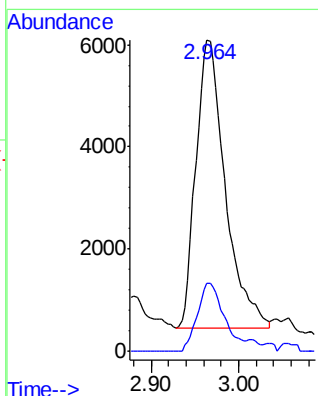
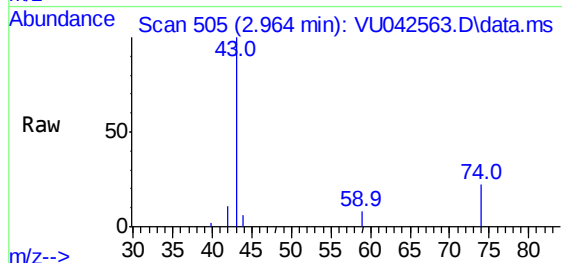




#15
Methyl Acetate
Concen: 3.69 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

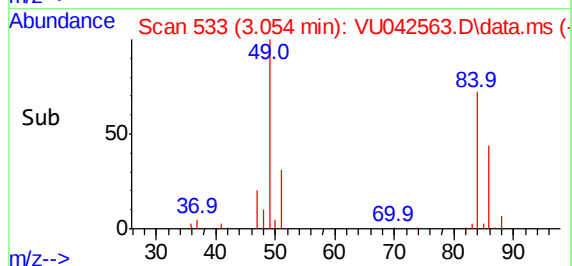
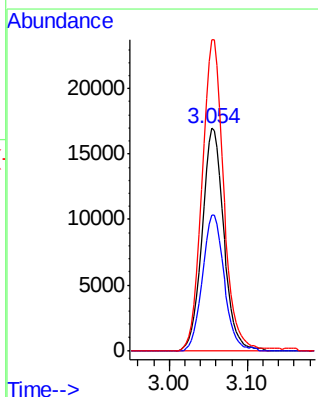
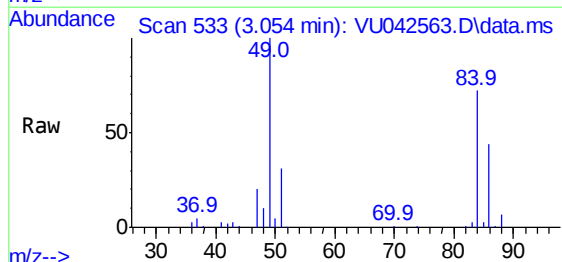
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

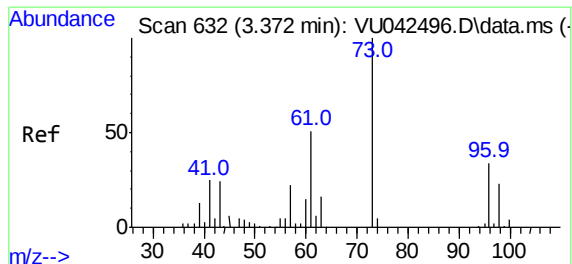
Tgt Ion: 43 Resp: 13226
Ion Ratio Lower Upper
43 100
74 21.3 16.9 25.3



#16
Methylene chloride
Concen: 4.52 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 84 Resp: 32554
Ion Ratio Lower Upper
84 100
86 61.0 44.1 81.9
49 139.8 95.0 176.4



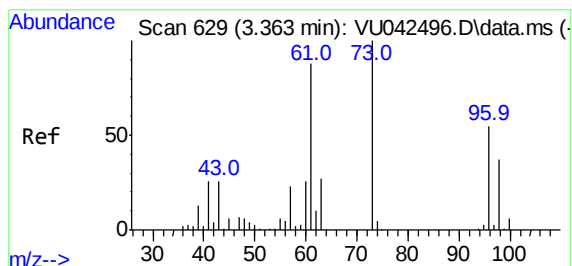
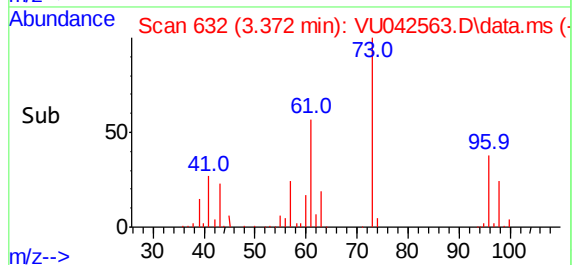
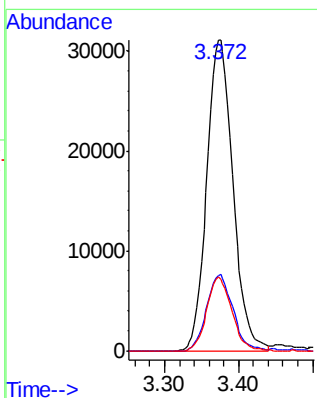
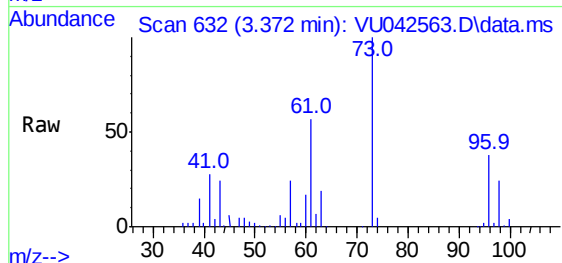


#17
Methyl tert-butyl Ether
Concen: 4.51 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Tgt Ion: 73 Resp: 76370

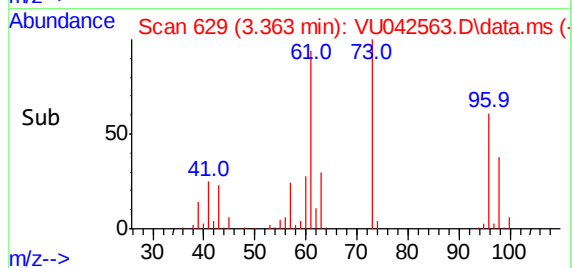
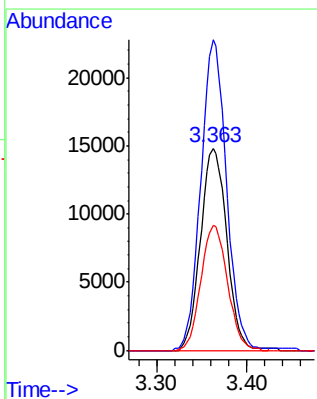
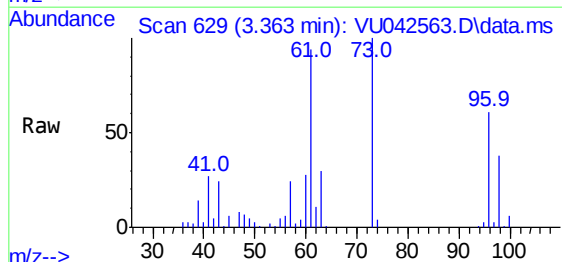
Ion	Ratio	Lower	Upper
73	100		
43	24.5	18.9	28.3
57	22.8	18.2	27.4

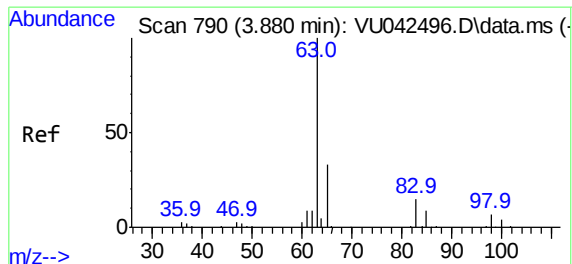


#18
trans-1,2-Dichloroethene
Concen: 4.72 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 96 Resp: 29833

Ion	Ratio	Lower	Upper
96	100		
61	153.6	105.7	196.3
98	61.5	42.8	79.6

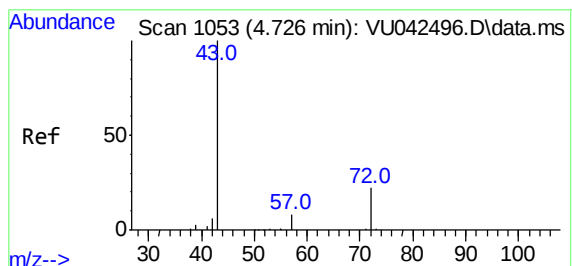
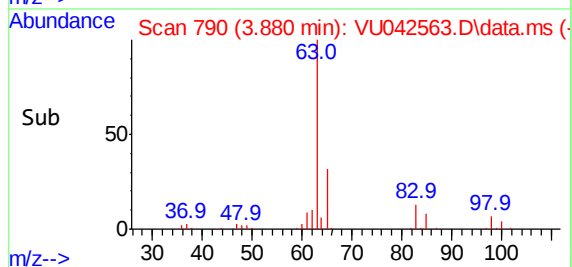
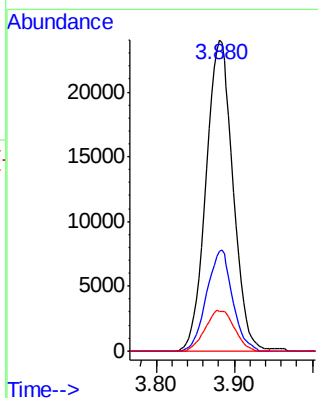
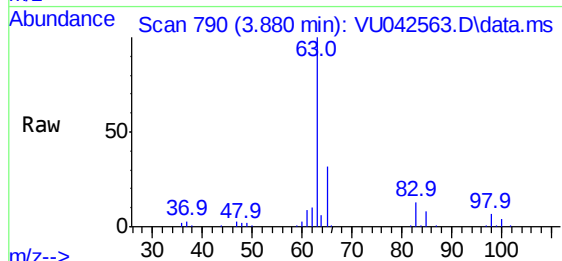




#19
1,1-Dichloroethane
Concen: 4.76 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

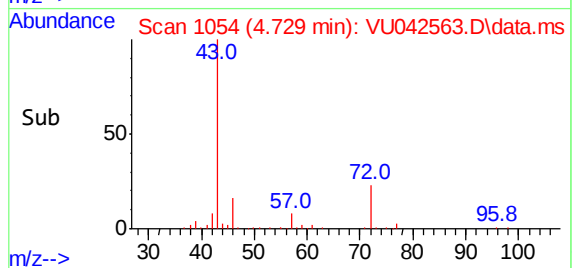
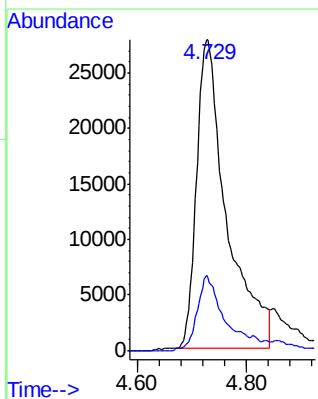
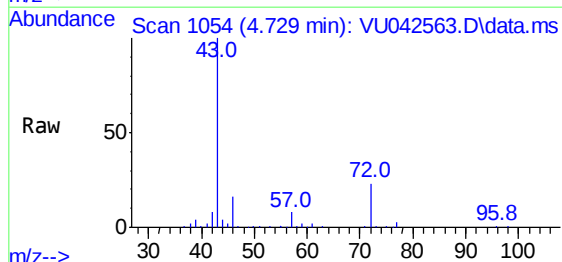
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

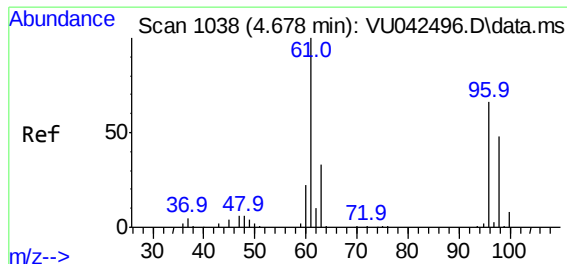
Tgt Ion: 63 Resp: 58071
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.9
83 12.9 10.1 18.7



#21
2-Butanone
Concen: 43.56 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 43 Resp: 106664
Ion Ratio Lower Upper
43 100
72 21.1 11.7 35.1



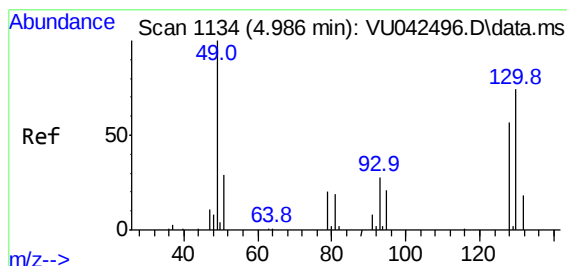
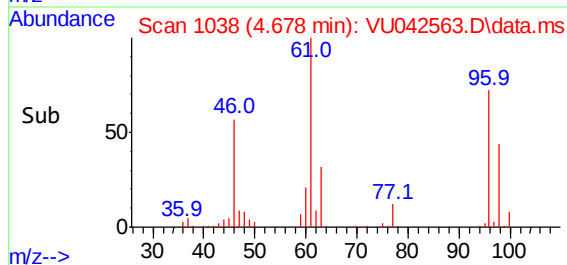
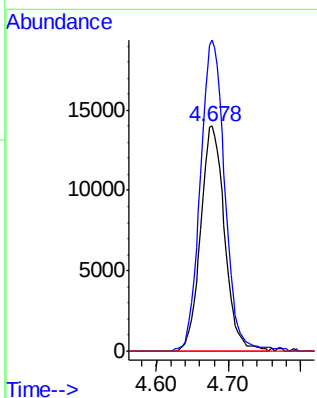
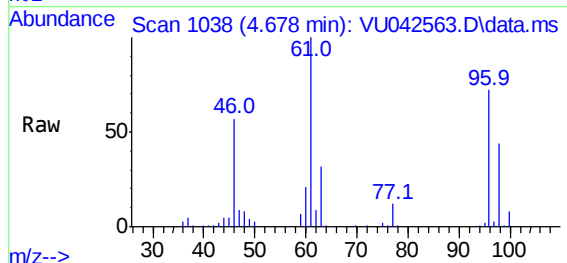


#22
 cis-1,2-Dichloroethene
 Concen: 4.72 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Tgt Ion: 96 Resp: 31921

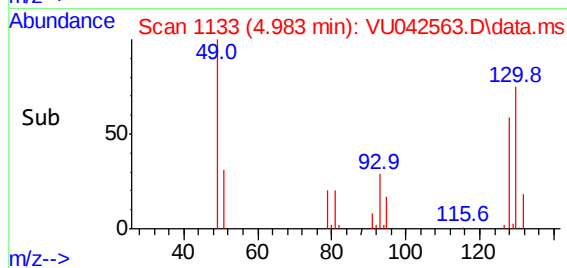
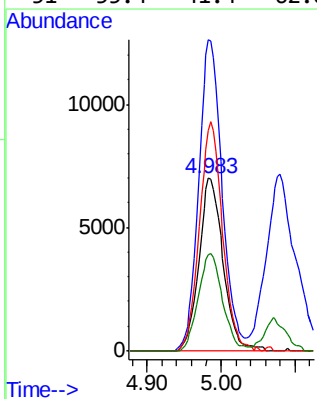
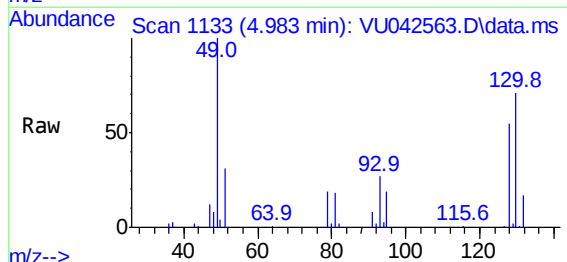
Ion	Ratio	Lower	Upper
96	100		
61	138.4	97.8	181.6
68	0.0	0.0	0.0

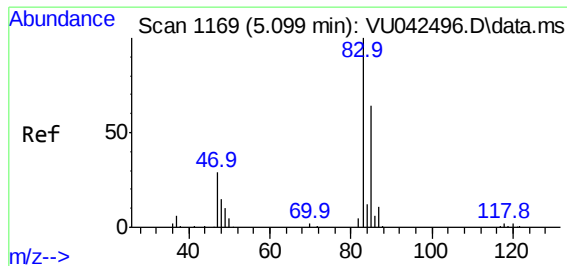


#23
 Bromochloromethane
 Concen: 4.89 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

Tgt Ion: 128 Resp: 15718

Ion	Ratio	Lower	Upper
128	100		
49	180.8	117.7	218.7
130	127.9	87.9	163.3
51	55.4	41.4	62.0

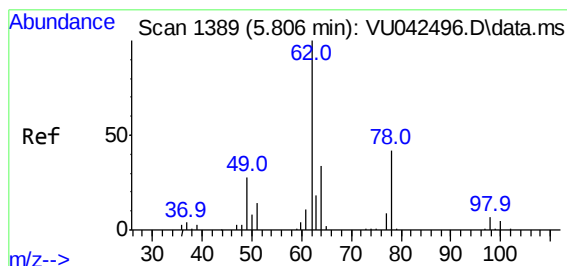
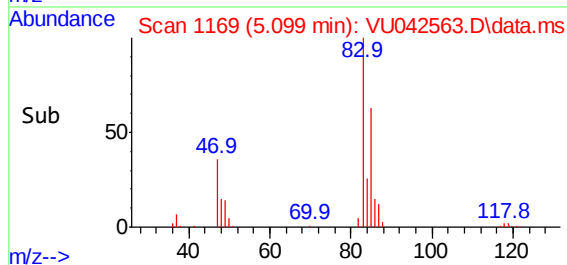
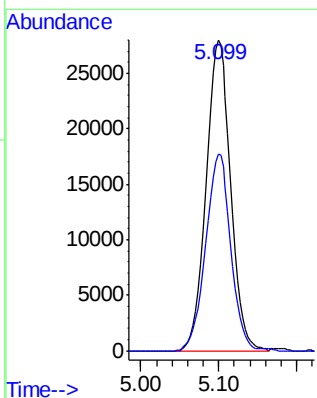
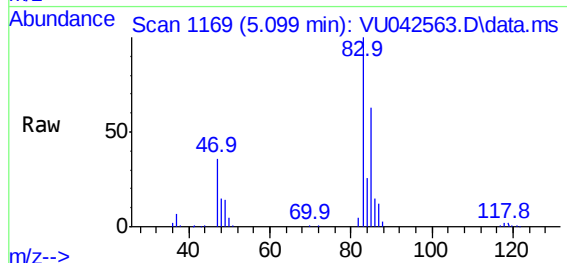




#25
Chloroform
Concen: 4.83 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

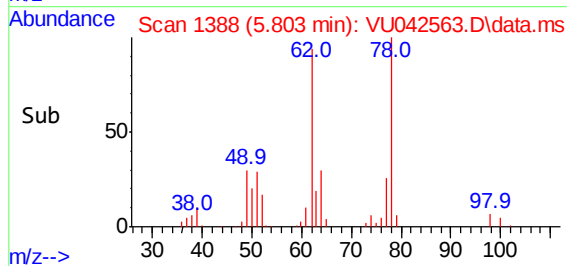
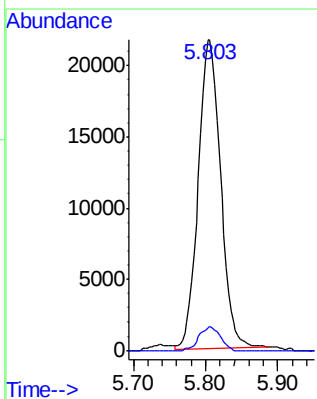
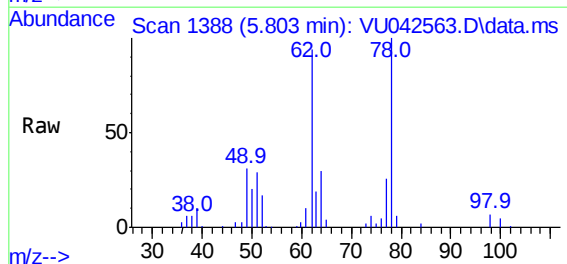
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

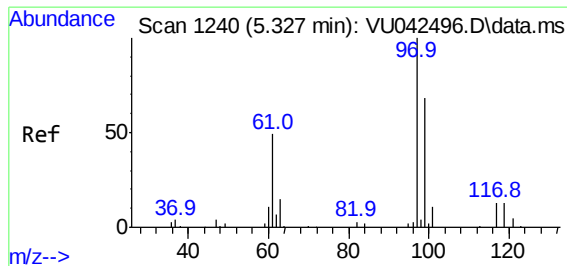
Tgt Ion: 83 Resp: 61867
Ion Ratio Lower Upper
83 100
85 63.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.85 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 62 Resp: 46668
Ion Ratio Lower Upper
62 100
98 7.2 7.3 10.9#

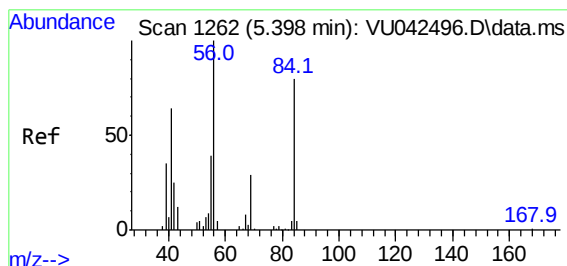
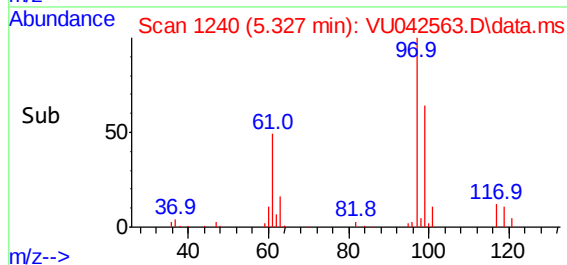
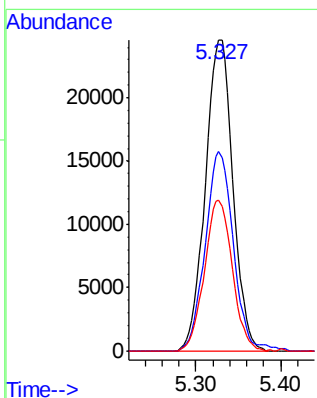
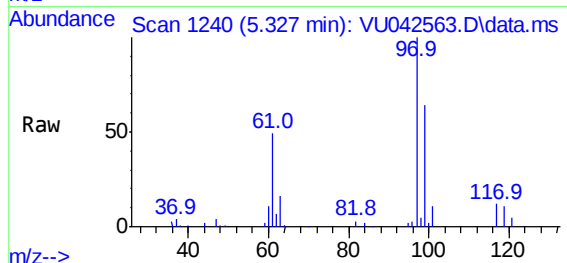




#29
1,1,1-Trichloroethane
Concen: 4.67 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

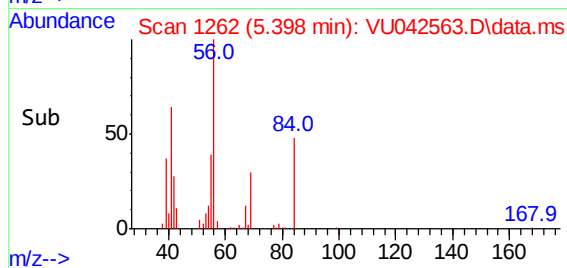
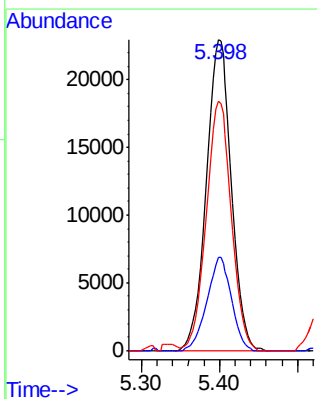
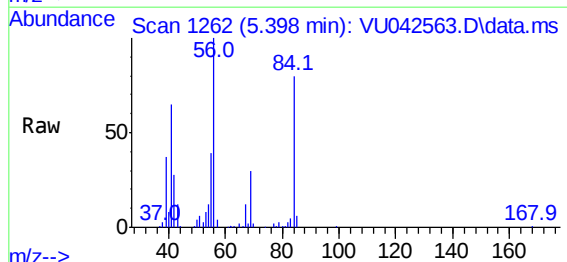
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

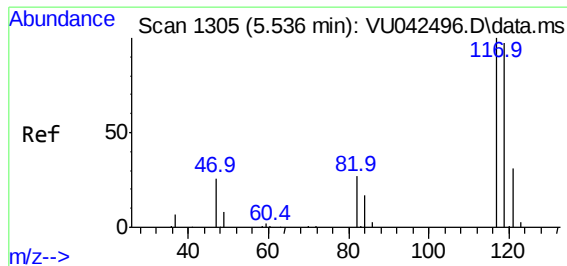
Tgt Ion: 97 Resp: 55213
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 48.9 35.8 53.6



#30
Cyclohexane
Concen: 4.38 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 56 Resp: 51738
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 80.8 65.3 97.9

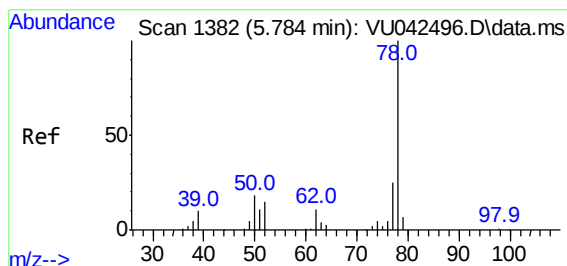
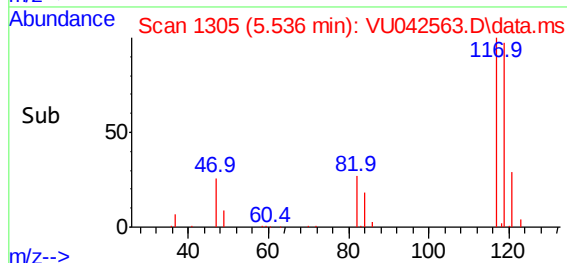
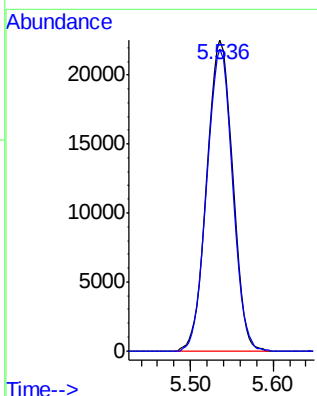
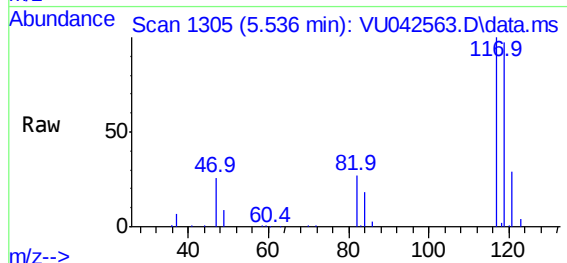




#31
Carbon tetrachloride
Concen: 4.67 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

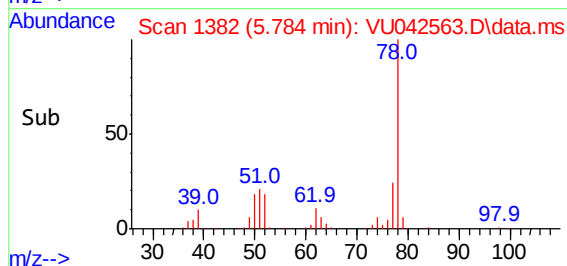
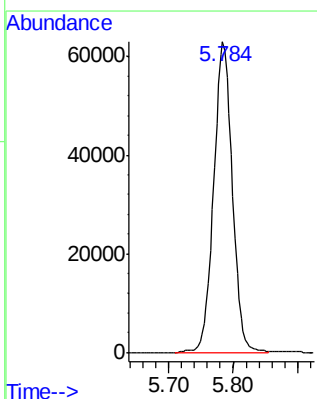
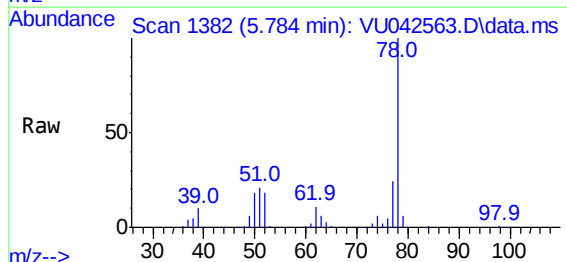
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

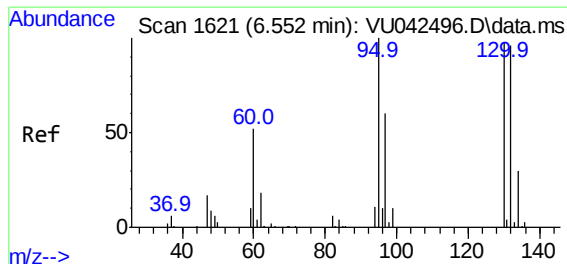
Tgt Ion:117 Resp: 48639
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4



#33
Benzene
Concen: 4.78 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 78 Resp: 127187

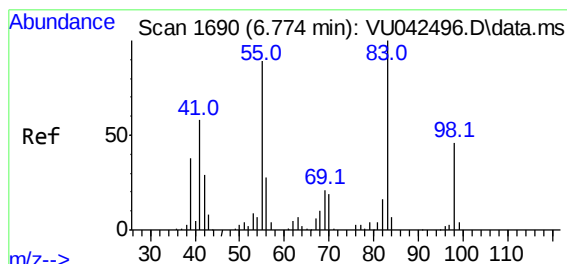
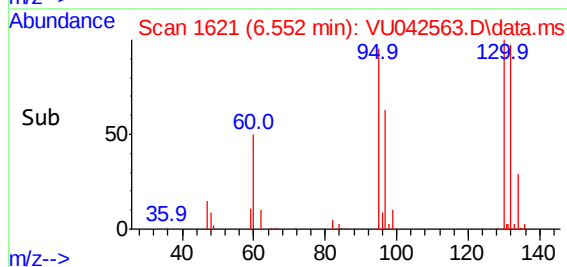
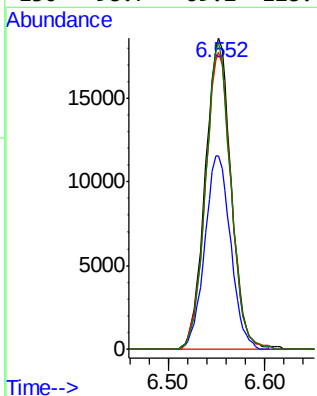
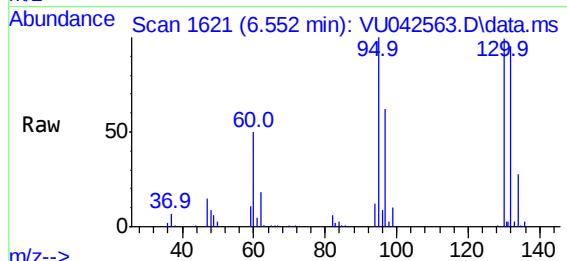




#34
Trichloroethene
Concen: 4.68 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

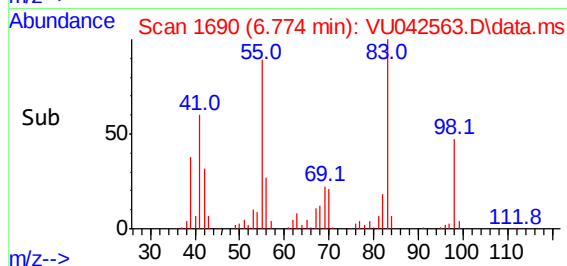
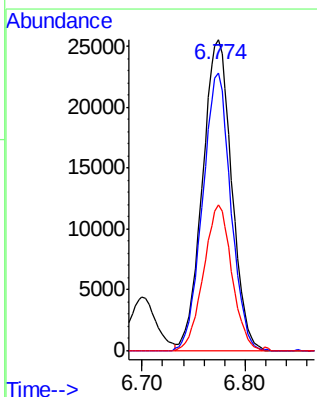
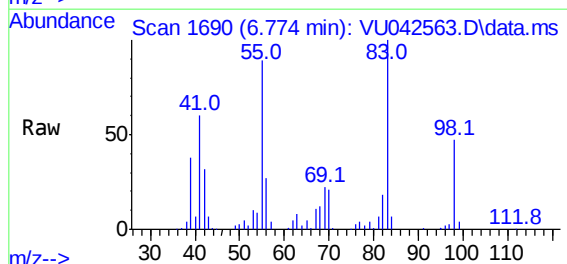
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

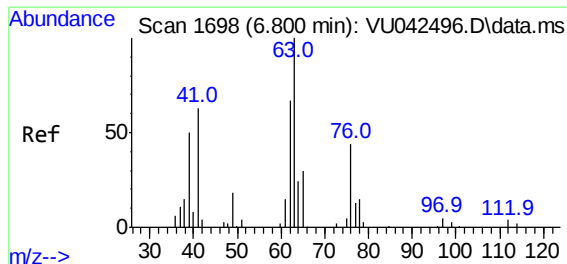
Tgt Ion: 95 Resp: 34474
Ion Ratio Lower Upper
95 100
97 62.2 44.4 82.4
132 95.5 68.0 126.4
130 98.7 69.2 128.4



#35
Methylcyclohexane
Concen: 4.47 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 83 Resp: 50111
Ion Ratio Lower Upper
83 100
55 86.2 68.2 102.4
98 45.2 39.7 59.5

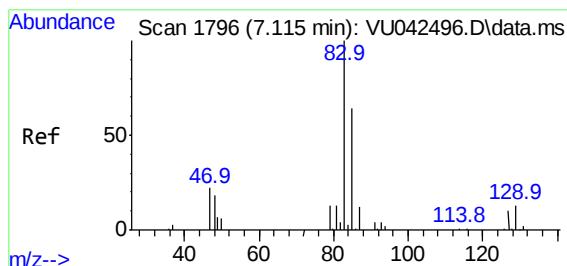
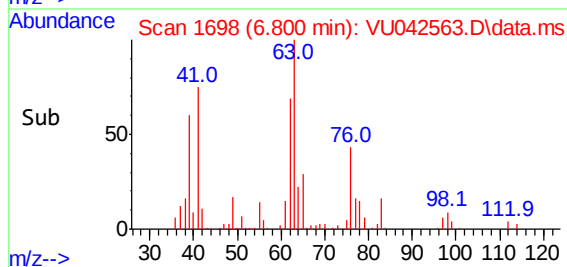
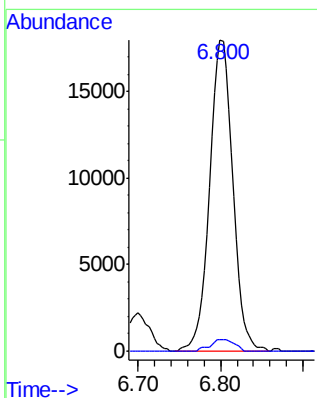
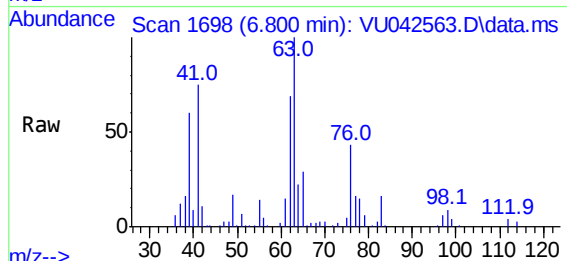




#37
1,2-Dichloropropane
Concen: 4.81 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

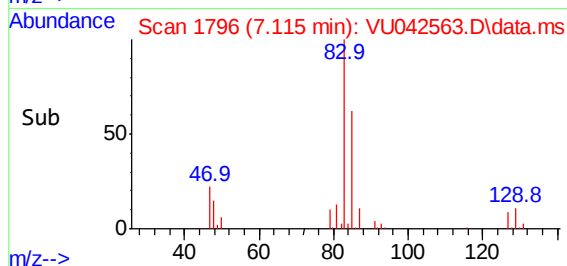
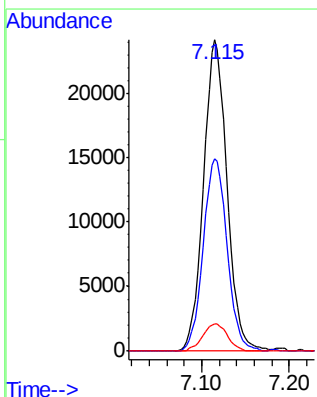
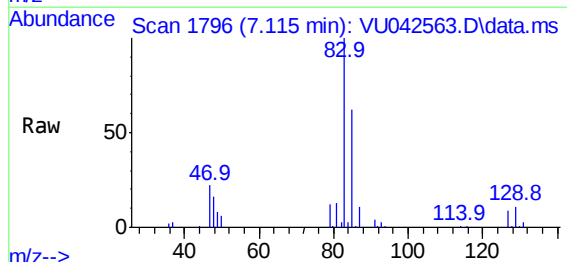
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

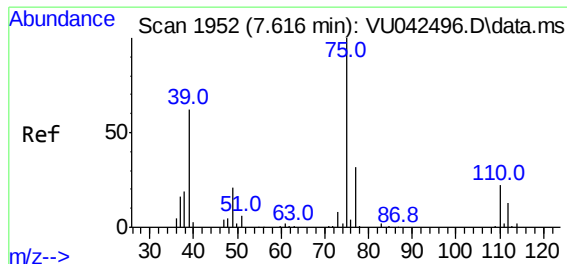
Tgt Ion: 63 Resp: 34571
Ion Ratio Lower Upper
63 100
112 3.6 3.4 5.0



#38
Bromodichloromethane
Concen: 4.76 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 83 Resp: 44616
Ion Ratio Lower Upper
83 100
85 61.9 46.0 85.4
127 8.5 6.8 10.2

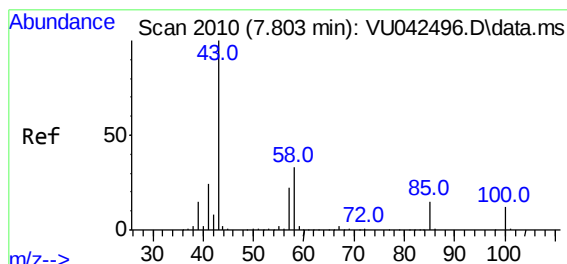
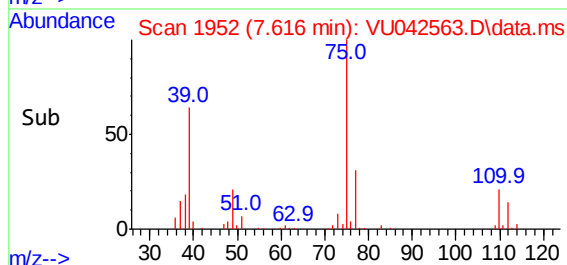
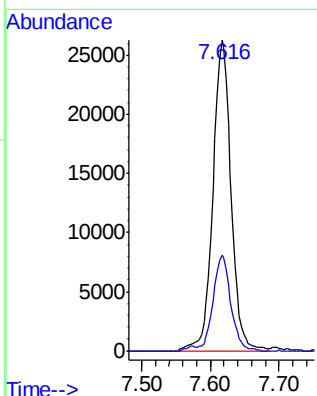
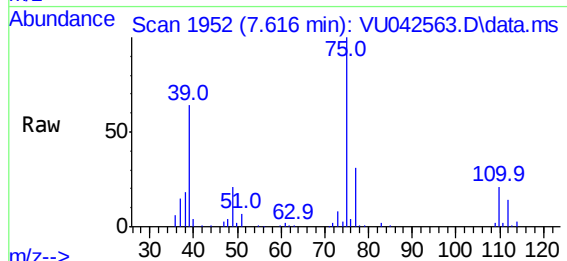




#39
 cis-1,3-Dichloropropene
 Concen: 4.60 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

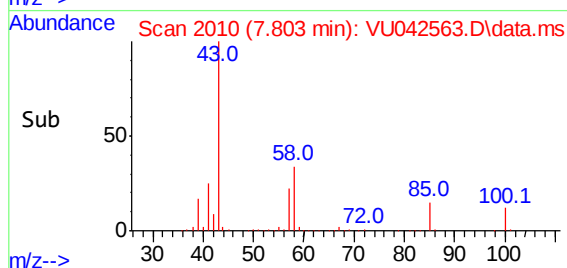
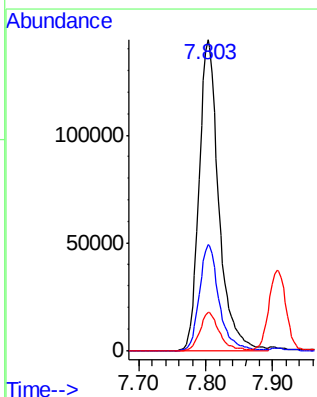
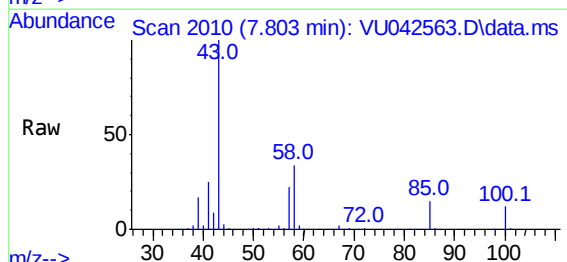
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

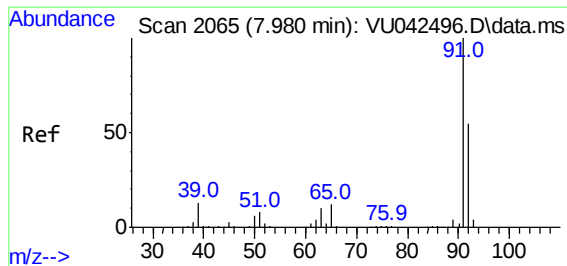
Tgt Ion: 75 Resp: 48093
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 46.87 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

Tgt Ion: 43 Resp: 293378
 Ion Ratio Lower Upper
 43 100
 58 34.0 29.1 43.7
 100 11.9 11.0 16.4

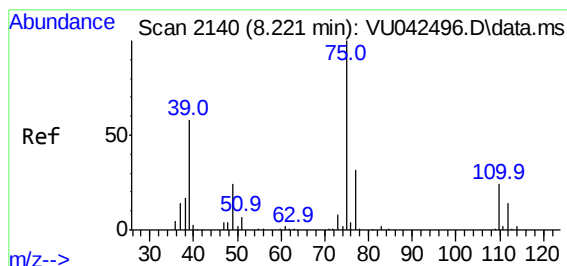
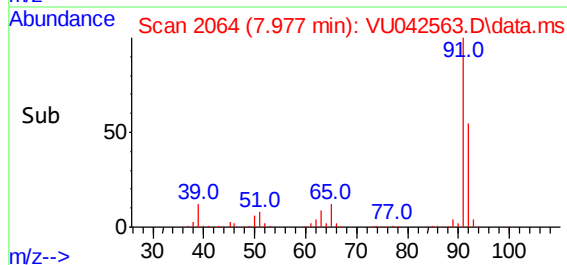
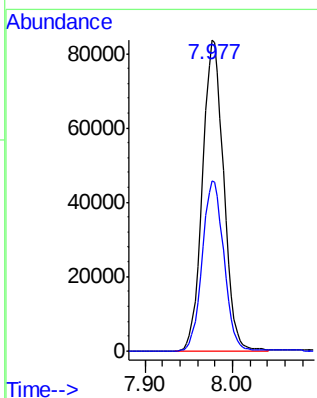
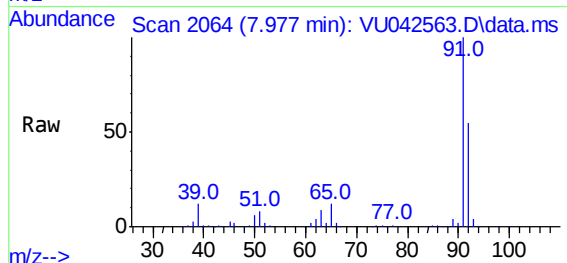




#42
Toluene
Concen: 4.84 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

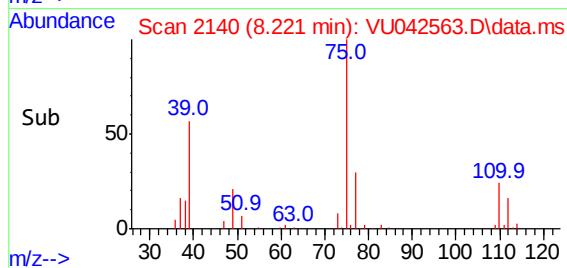
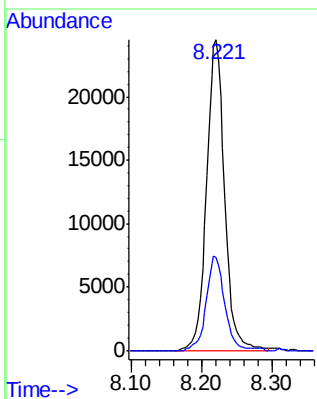
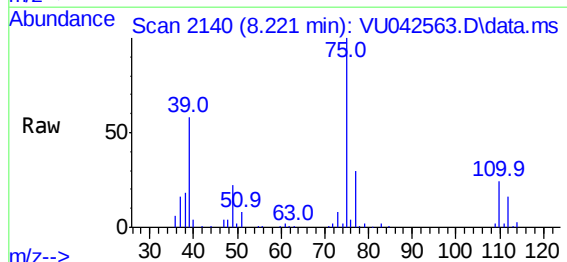
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

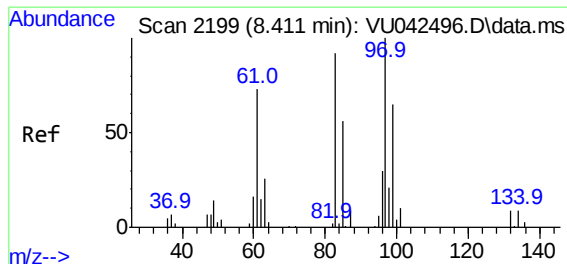
Tgt Ion: 91 Resp: 140338
Ion Ratio Lower Upper
91 100
92 54.6 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.54 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 75 Resp: 43801
Ion Ratio Lower Upper
75 100
77 30.0 21.8 40.4



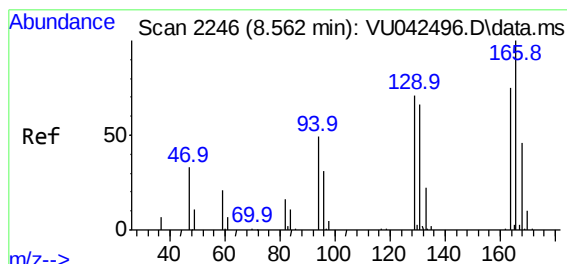
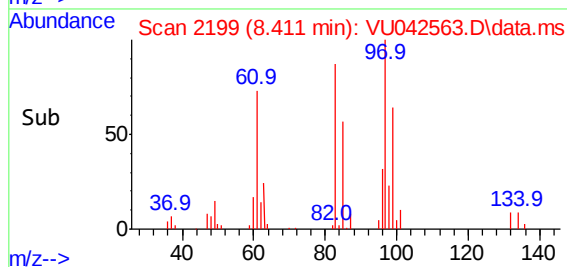
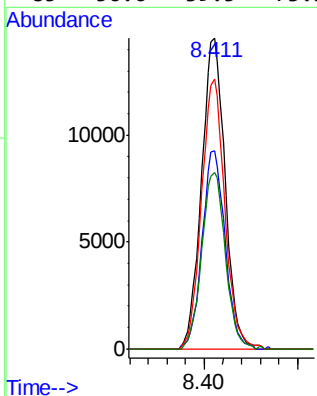
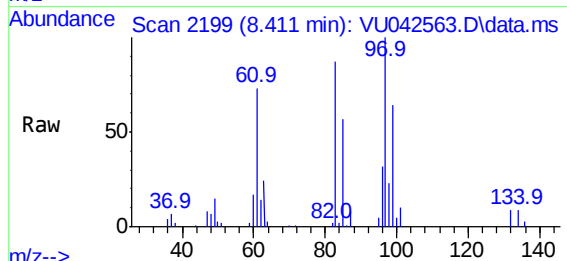


#45
1,1,2-Trichloroethane
Concen: 4.82 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Tgt Ion: 97 Resp: 25524

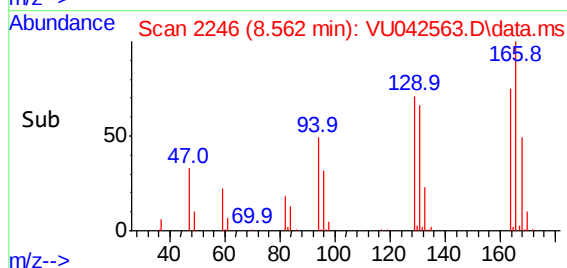
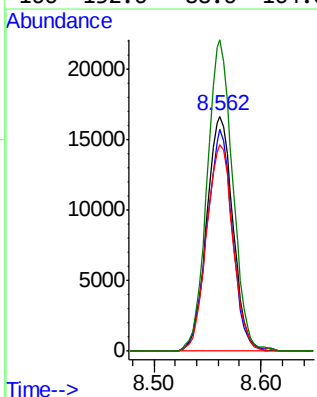
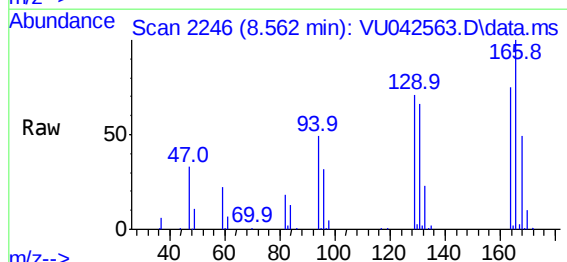
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.0	81.8
83	86.7	57.6	107.0
85	56.6	39.5	73.3

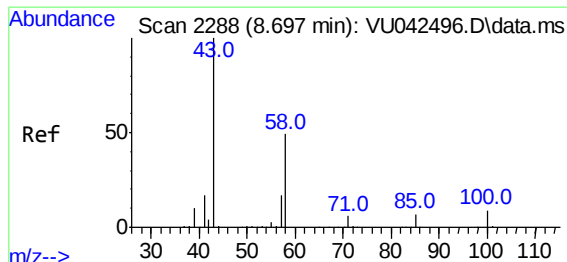


#47
Tetrachloroethene
Concen: 4.66 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 164 Resp: 28014

Ion	Ratio	Lower	Upper
164	100		
129	94.4	64.3	119.5
131	88.1	62.2	115.6
166	132.6	88.6	164.6

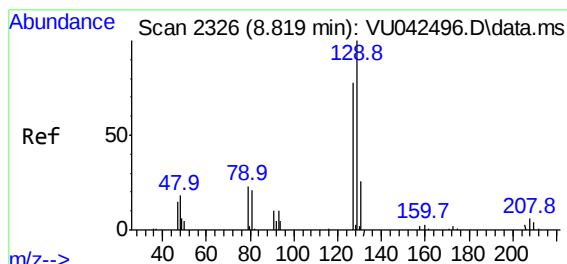
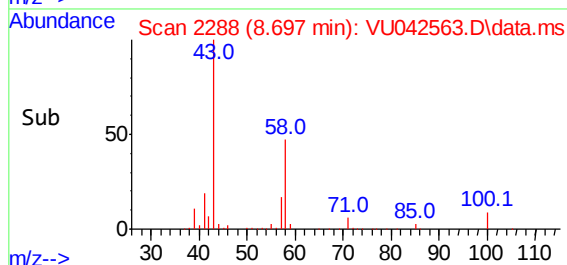
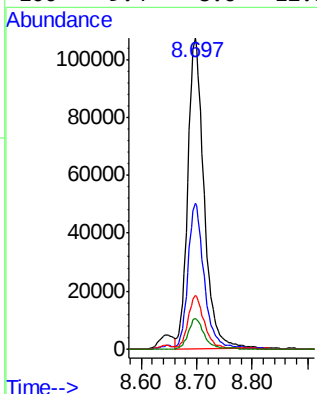
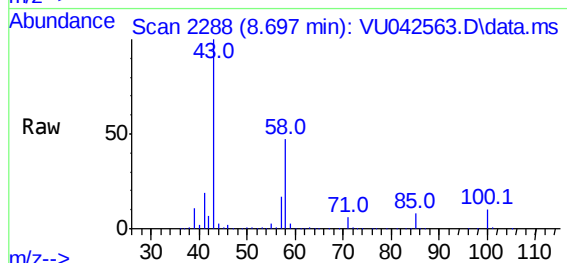




#48
2-Hexanone
Concen: 47.06 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

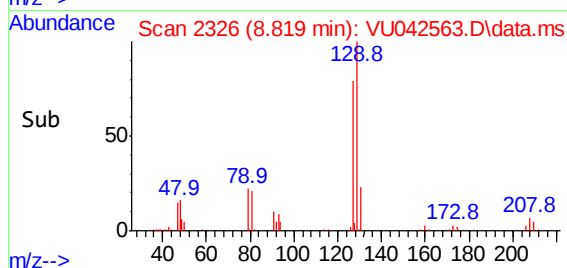
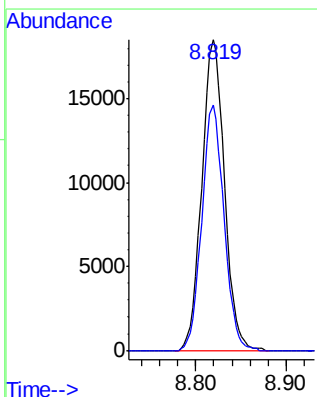
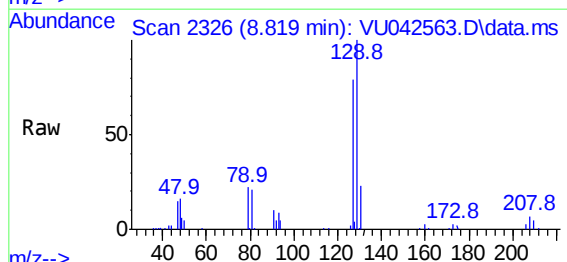
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

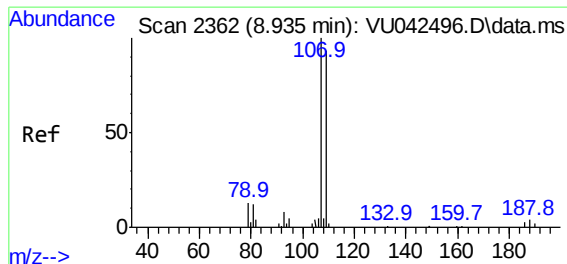
Tgt Ion: 43 Resp: 217331
Ion Ratio Lower Upper
43 100
58 46.9 40.6 61.0
57 16.7 14.9 22.3
100 9.4 8.6 12.8



#49
Dibromochloromethane
Concen: 4.83 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 129 Resp: 31999
Ion Ratio Lower Upper
129 100
127 79.0 52.3 97.1

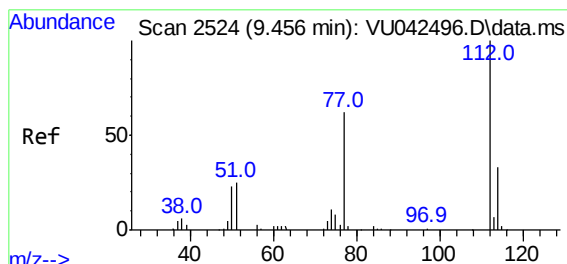
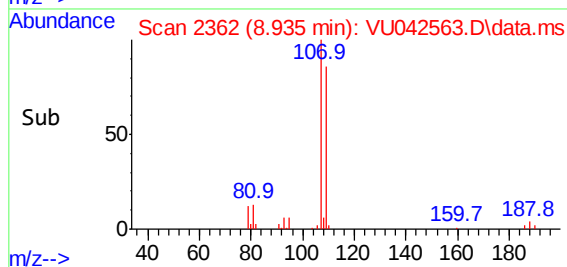
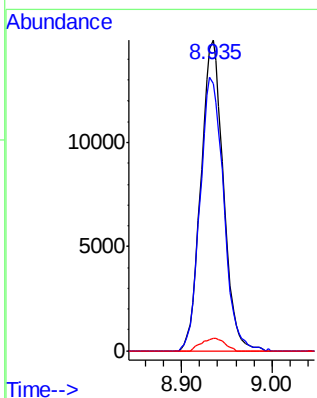
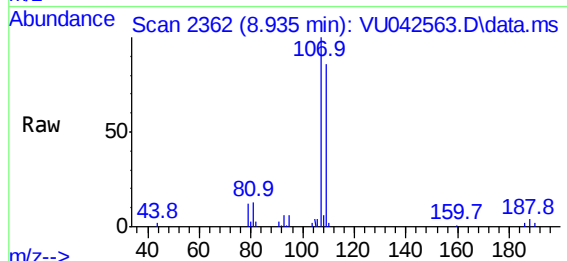




#50
1,2-Dibromoethane
Concen: 4.90 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

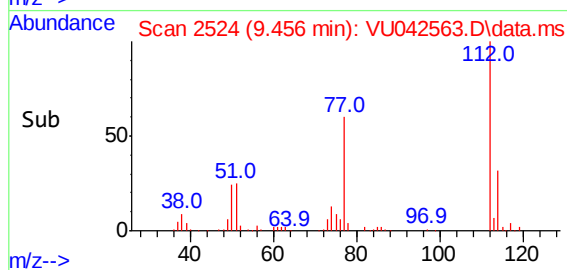
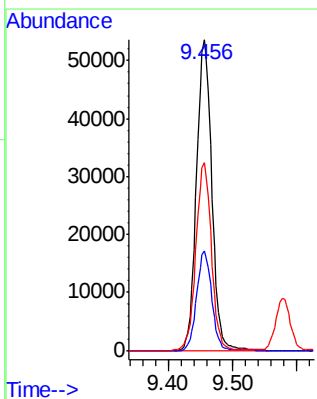
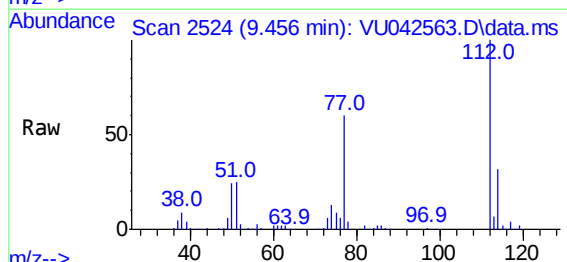
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

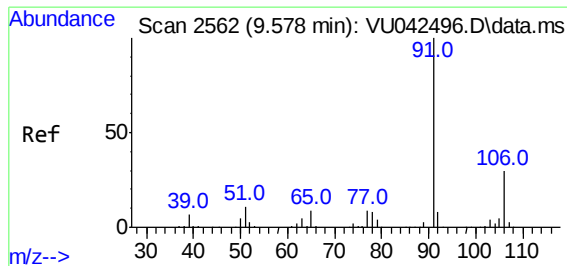
Tgt Ion:107 Resp: 25584
Ion Ratio Lower Upper
107 100
109 86.2 65.5 121.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 4.79 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion:112 Resp: 88899
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 60.3 49.8 74.6

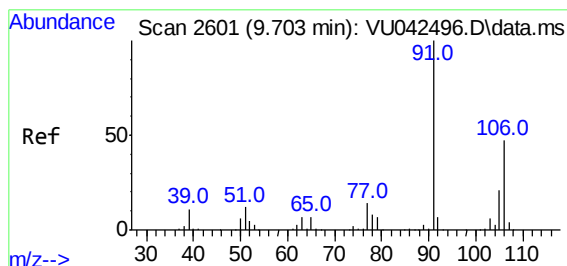
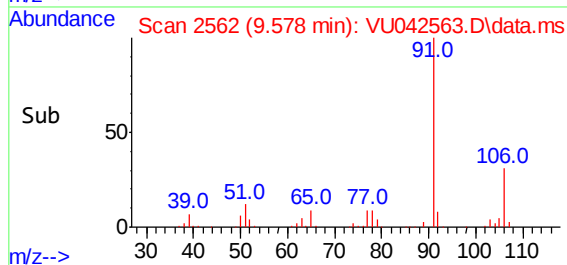
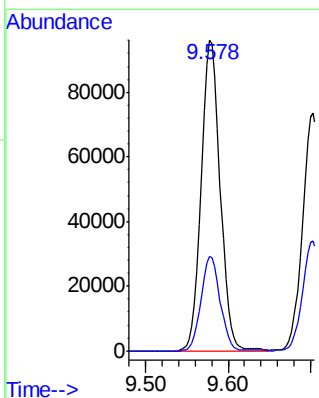
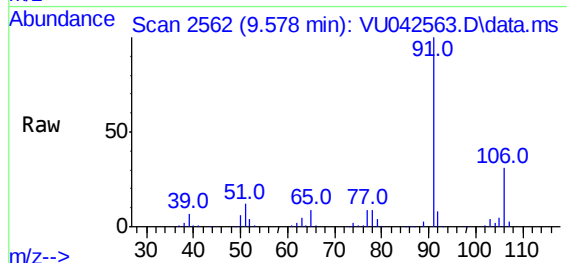




#52
Ethylbenzene
Concen: 4.71 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

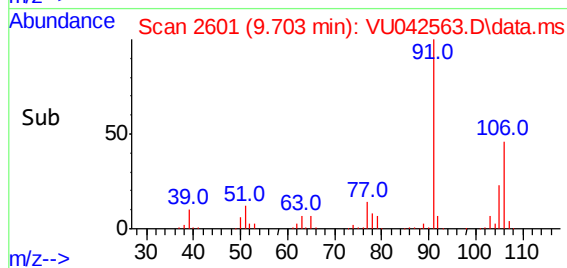
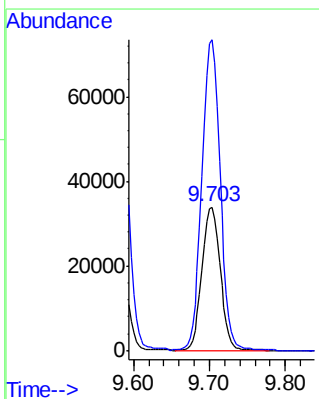
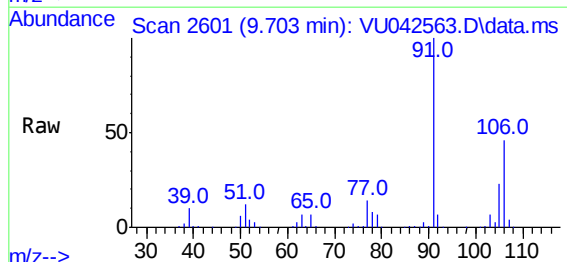
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

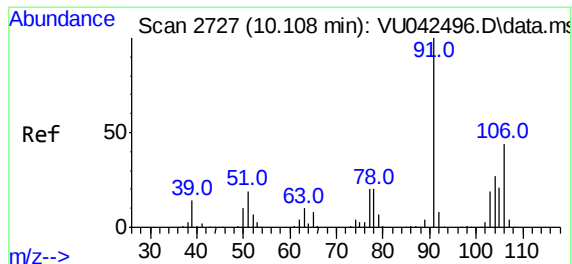
Tgt Ion: 91 Resp: 154057
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.3



#53
m,p-Xylene
Concen: 4.69 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 106 Resp: 56681
Ion Ratio Lower Upper
106 100
91 216.9 145.1 269.5

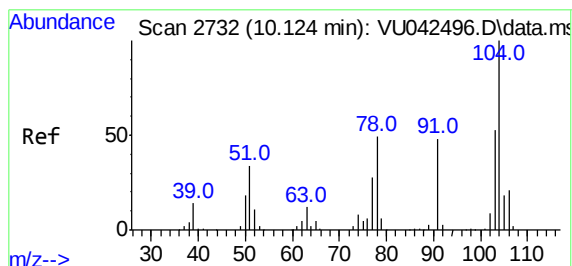
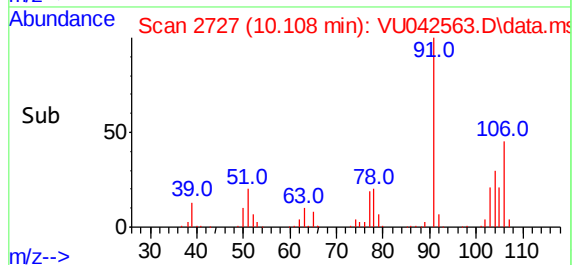
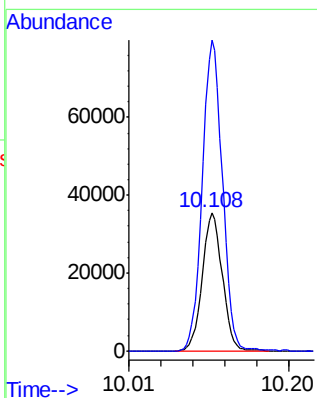
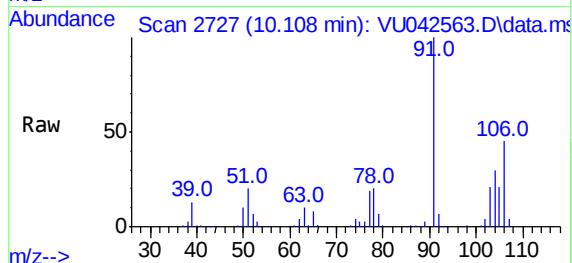




#54
o-Xylene
Concen: 4.78 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

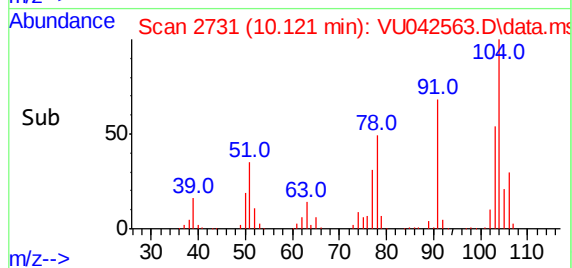
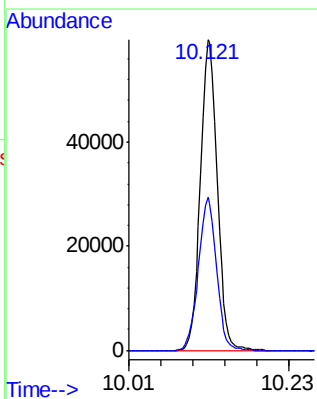
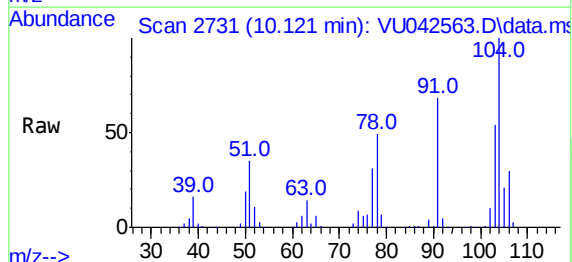
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

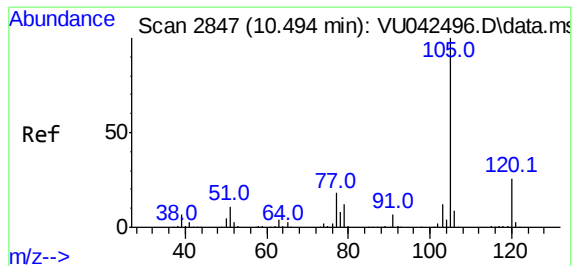
Tgt Ion:106 Resp: 56000
Ion Ratio Lower Upper
106 100
91 224.3 153.0 284.2



#55
Styrene
Concen: 4.87 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion:104 Resp: 96832
Ion Ratio Lower Upper
104 100
78 49.2 34.9 64.7

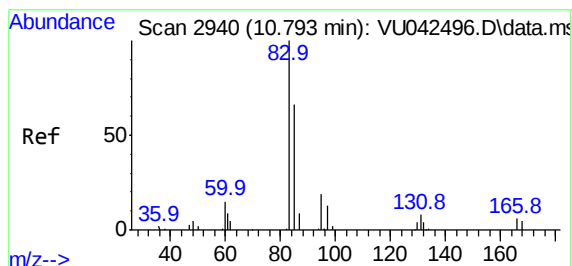
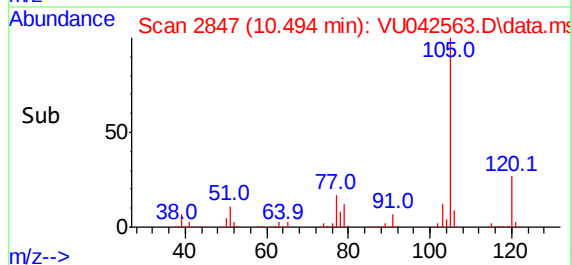
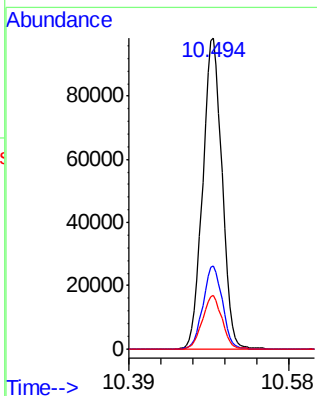
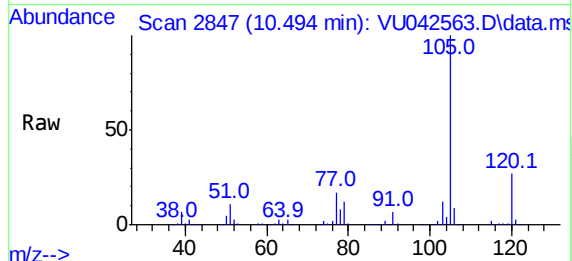




#56
Isopropylbenzene
Concen: 4.79 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

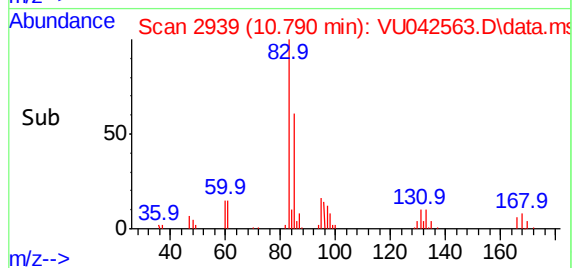
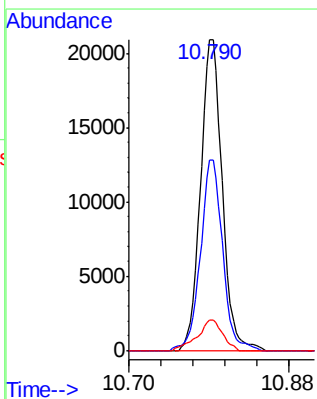
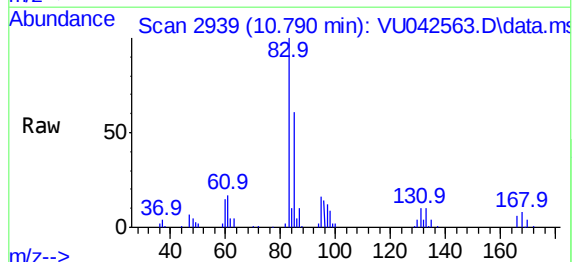
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

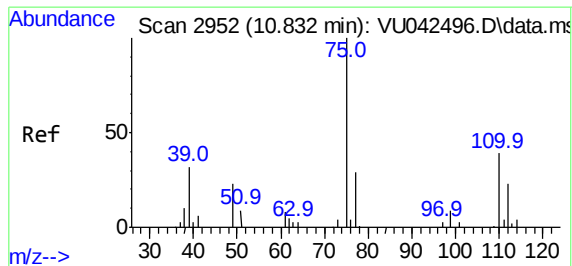
Tgt Ion:105 Resp: 154202
Ion Ratio Lower Upper
105 100
120 26.7 20.8 31.2
77 17.2 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.86 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 83 Resp: 34481
Ion Ratio Lower Upper
83 100
85 61.4 44.4 82.4
131 9.9 8.6 12.8

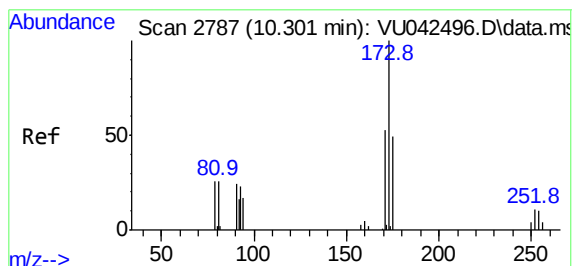
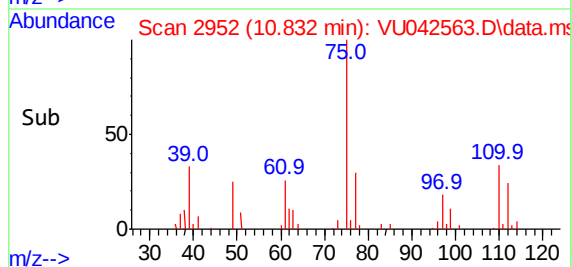
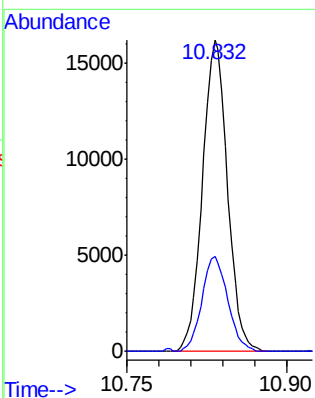
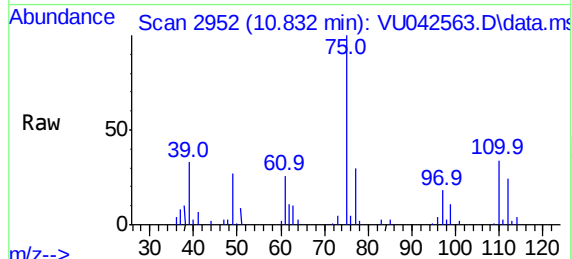




#59
1,2,3-Trichloropropane
Concen: 4.82 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

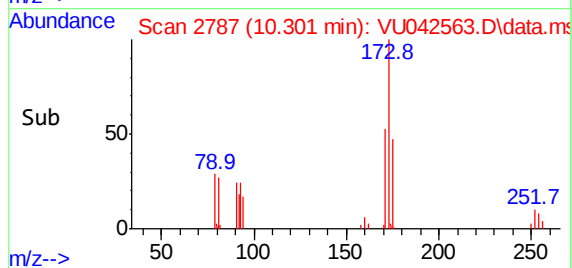
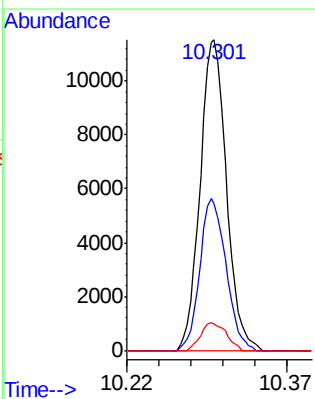
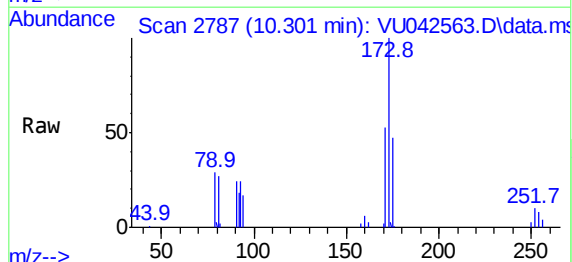
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

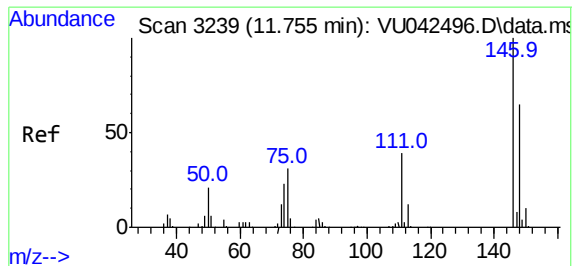
Tgt Ion: 75 Resp: 25981
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0



#61
Bromoform
Concen: 4.80 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion:173 Resp: 19545
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 8.7 7.9 11.9

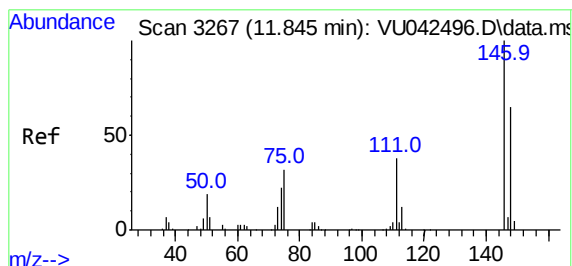
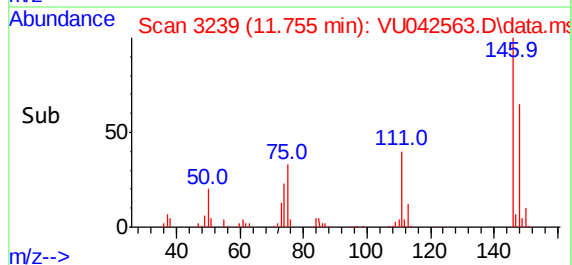
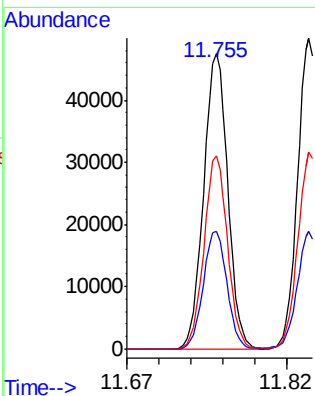
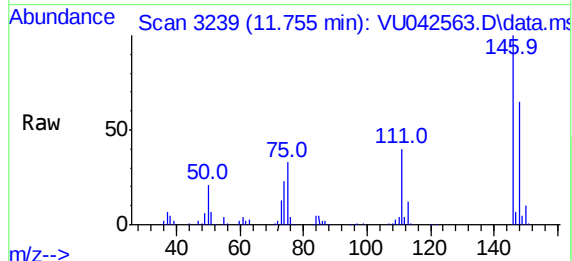




#62
1,3-Dichlorobenzene
Concen: 4.94 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

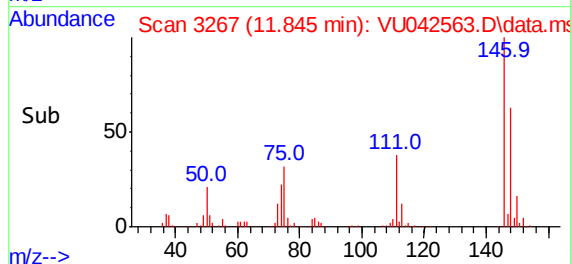
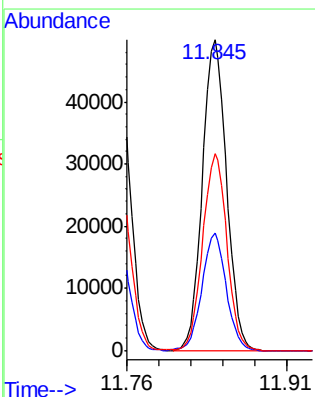
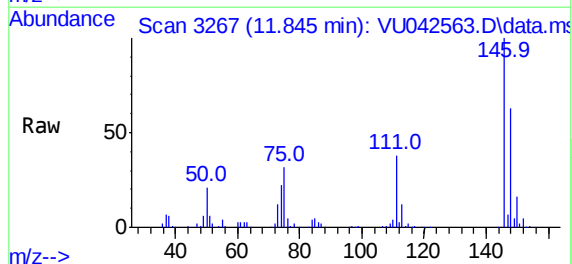
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

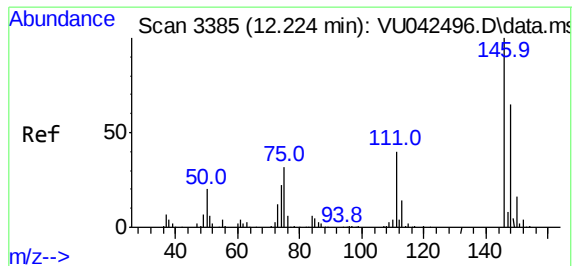
Tgt Ion:146 Resp: 76815
Ion Ratio Lower Upper
146 100
111 39.7 27.2 50.4
148 65.4 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.02 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion:146 Resp: 77893
Ion Ratio Lower Upper
146 100
111 37.9 25.8 47.8
148 63.1 44.1 81.9

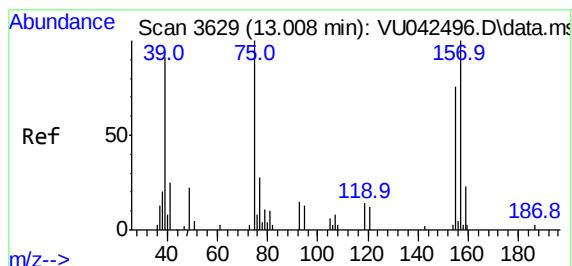
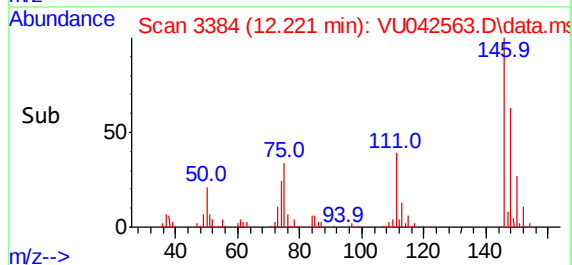
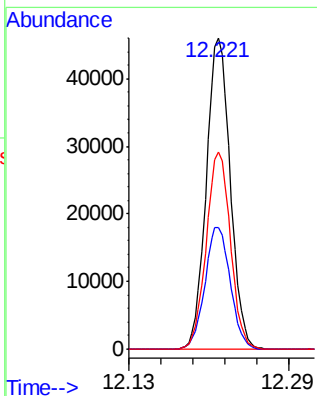
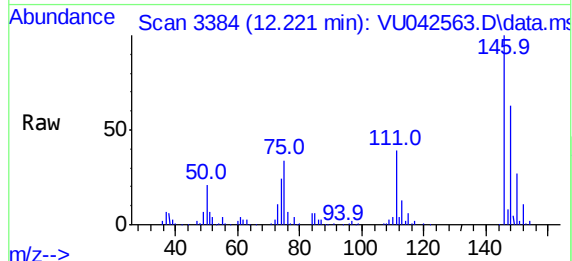




#65
1,2-Dichlorobenzene
Concen: 4.95 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

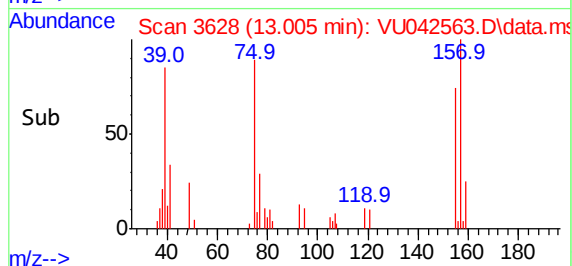
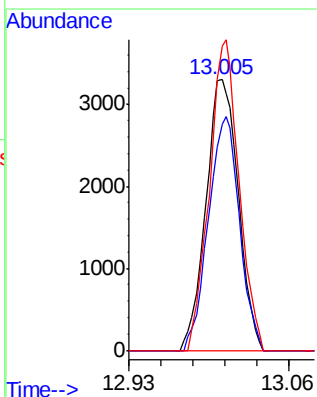
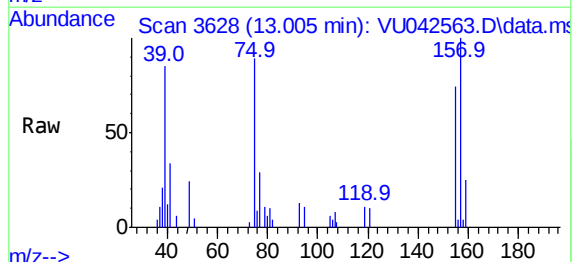
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

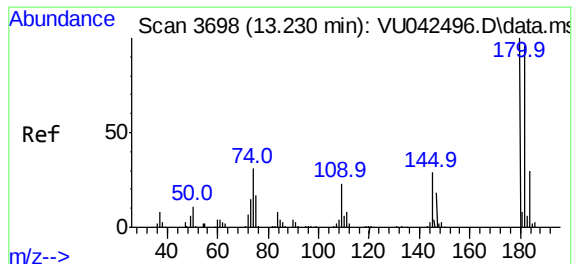
Tgt Ion:146 Resp: 74049
Ion Ratio Lower Upper
146 100
111 39.1 32.7 49.1
148 63.5 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.48 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion: 75 Resp: 5641
Ion Ratio Lower Upper
75 100
155 83.5 69.0 103.6
157 112.5 91.0 136.6

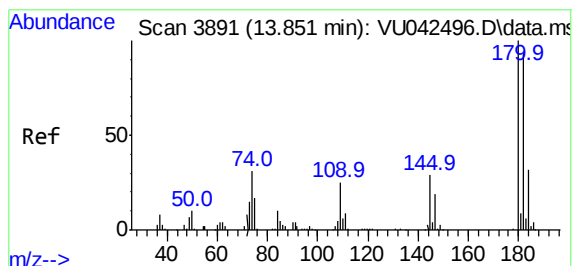
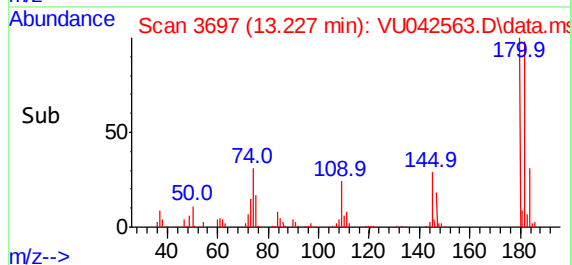
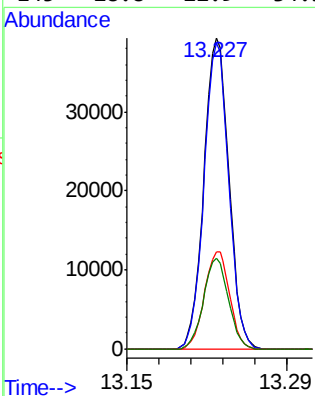
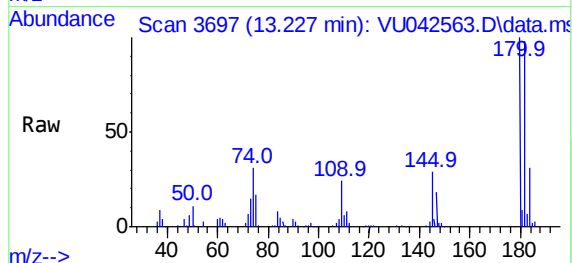




#67
 1,3,5-Trichlorobenzene
 Concen: 4.56 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

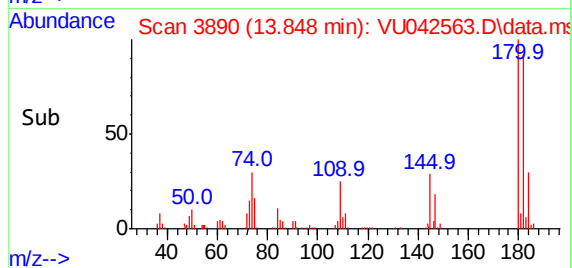
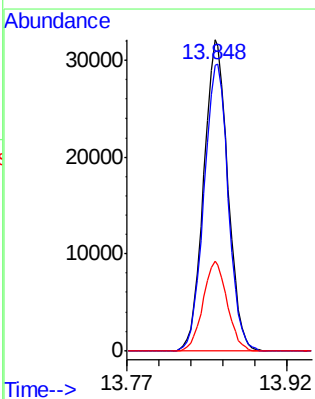
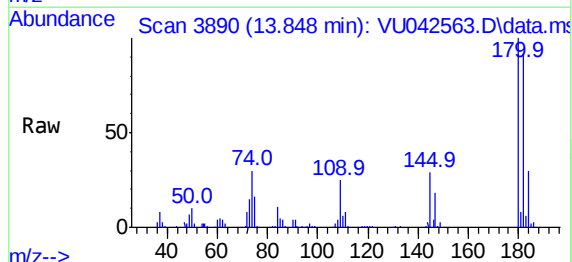
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

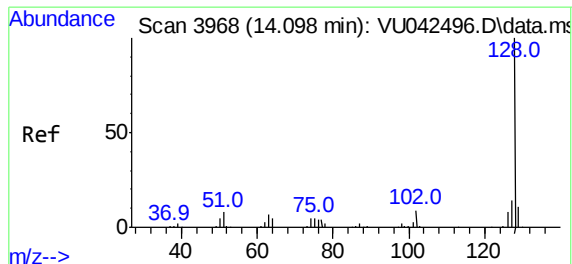
Tgt Ion:180 Resp: 61522
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.4 114.6
 184 31.3 23.9 35.9
 145 28.8 22.9 34.3



#68
 1,2,4-trichlorobenzene
 Concen: 4.46 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU042563.D
 Acq: 11 Mar 2021 14:29

Tgt Ion:180 Resp: 49790
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.3 114.5
 145 28.4 23.7 35.5

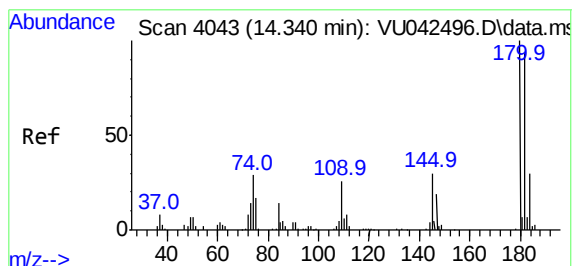
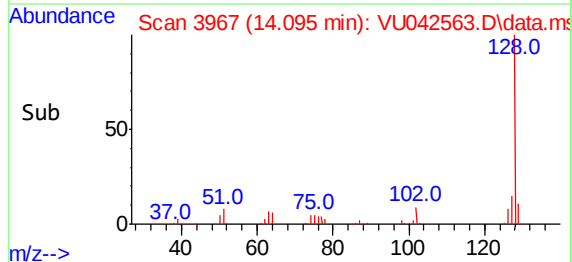
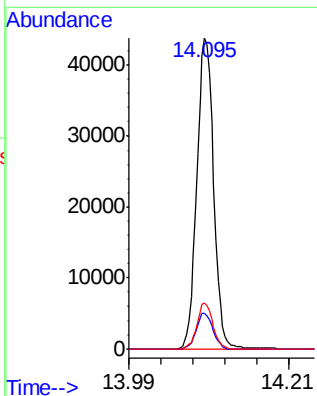
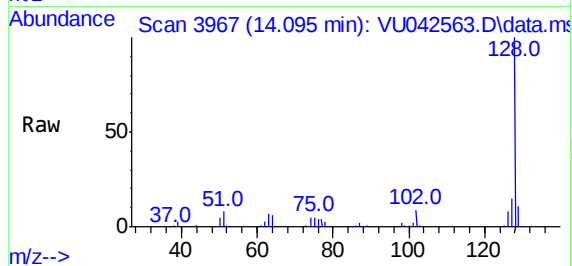




#69
Naphthalene
Concen: 3.96 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Tgt Ion:128 Resp: 71879
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.8 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.50 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042563.D
Acq: 11 Mar 2021 14:29

Tgt Ion:180 Resp: 45586
Ion Ratio Lower Upper
180 100
182 96.7 75.6 113.4
145 30.8 24.7 37.1

