

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042138.D
 Acq On : 21 Jan 2021 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Jan 22 02:36:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	117403	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	109401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	59352	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35158	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.919	69	28357	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.575	63	81238	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.649	46	123232	44.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.18%
24) Chloroform-d	5.073	84	77277	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.713	65	45802	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.735	84	139355	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	45308	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	128655	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloroprop...	8.189	79	22631	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.645	63	104705	51.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.98%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	40124	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.205	152	53209	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	57372	5.19	ug/L	99
3) Chloromethane	1.523	50	50294	5.10	ug/L	98
5) Vinyl chloride	1.607	62	47867	5.07	ug/L	99
6) Bromomethane	1.861	94	26762	4.78	ug/L	98
8) Chloroethane	1.938	64	28777	5.25	ug/L	96
9) Trichlorofluoromethane	2.144	101	66878	5.22	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42462	5.13	ug/L	97
12) 1,1-Dichloroethene	2.588	96	40547	5.10	ug/L	99
13) Acetone	2.658	43	76106	41.35	ug/L	99
14) Carbon disulfide	2.800	76	135996	5.15	ug/L	100
15) Methyl Acetate	2.964	43	21549	4.96	ug/L	99
16) Methylene chloride	3.054	84	45290	4.83	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	115593	5.02	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	42333	5.00	ug/L	98
19) 1,1-Dichloroethane	3.880	63	81665	5.22	ug/L	98
21) 2-Butanone	4.726	43	156816	50.86	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	46070	5.10	ug/L	97
23) Bromochloromethane	4.983	128	21308	5.11	ug/L	96
25) Chloroform	5.099	83	81731	5.06	ug/L	99
27) 1,2-Dichloroethane	5.803	62	58367	5.10	ug/L	97

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
 VSTD00522

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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

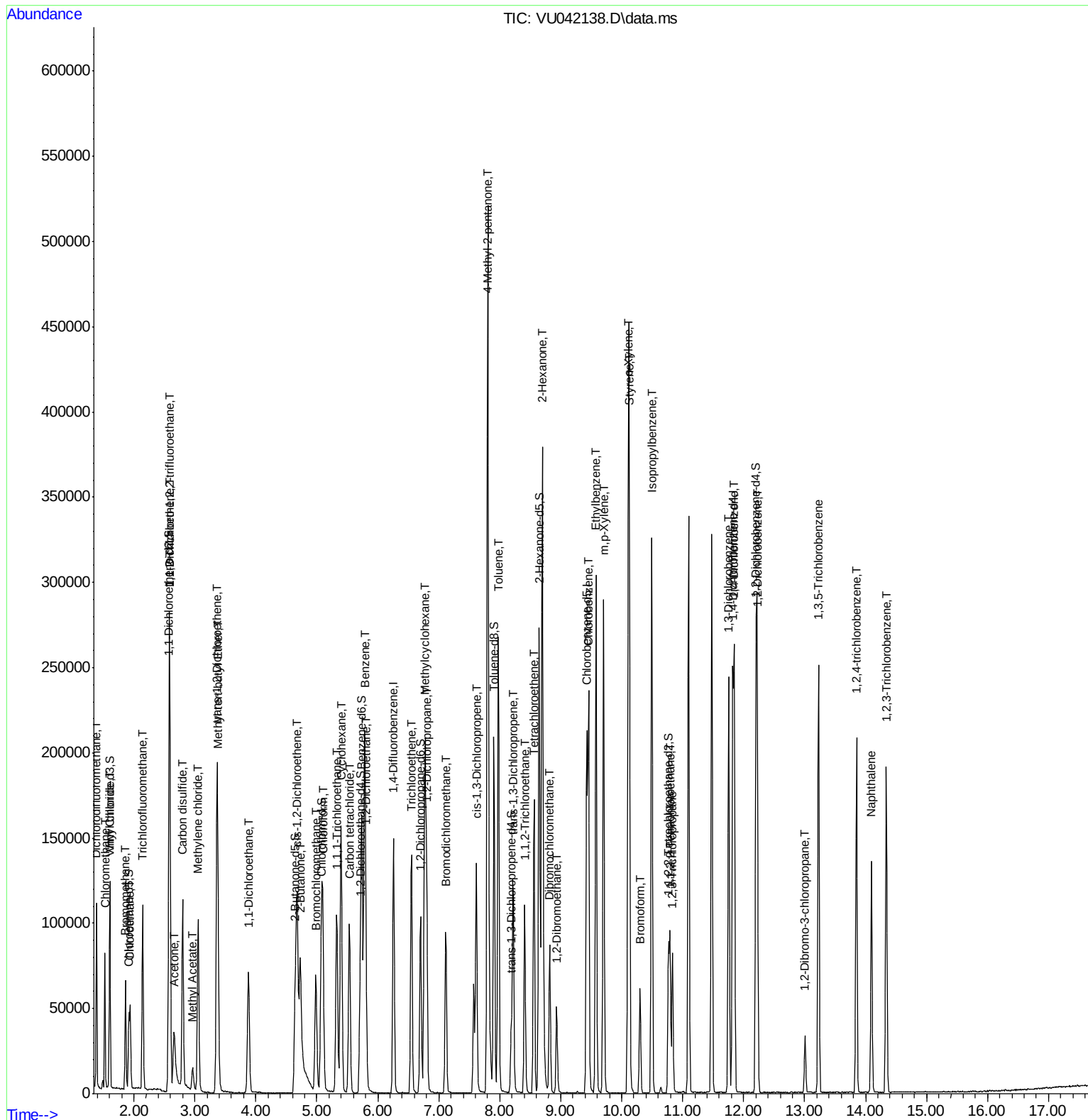
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	75841	5.26	ug/L	99
30) Cyclohexane	5.398	56	81087	5.23	ug/L	99
31) Carbon tetrachloride	5.533	117	67192	5.29	ug/L	100
33) Benzene	5.784	78	172620	5.36	ug/L	100
34) Trichloroethene	6.549	95	46702	5.38	ug/L	99
35) Methylcyclohexane	6.771	83	75968	5.22	ug/L	99
37) 1,2-Dichloropropane	6.800	63	45087	5.32	ug/L	100
38) Bromodichloromethane	7.115	83	62261	5.31	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	73472	5.27	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	392637	54.14	ug/L	99
42) Toluene	7.976	91	183316	5.26	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	66178	5.18	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	33568	5.35	ug/L	98
47) Tetrachloroethene	8.562	164	38951	5.40	ug/L	95
48) 2-Hexanone	8.697	43	287596	57.04	ug/L	98
49) Dibromochloromethane	8.819	129	43433	5.21	ug/L	94
50) 1,2-Dibromoethane	8.935	107	33963	5.24	ug/L	98
51) Chlorobenzene	9.456	112	115705	5.19	ug/L	100
52) Ethylbenzene	9.578	91	207023	5.18	ug/L	99
53) m,p-Xylene	9.703	106	77997	5.21	ug/L	95
54) o-Xylene	10.108	106	76792	5.29	ug/L	100
55) Styrene	10.124	104	130159	5.21	ug/L	98
56) Isopropylbenzene	10.494	105	206044	5.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	42462	5.30	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	32380	5.41	ug/L	98
61) Bromoform	10.301	173	28470	5.30	ug/L	98
62) 1,3-Dichlorobenzene	11.754	146	96117	5.19	ug/L	100
63) 1,4-Dichlorobenzene	11.844	146	95457	5.15	ug/L	98
65) 1,2-Dichlorobenzene	12.224	146	91265	5.30	ug/L	100
66) 1,2-Dibromo-3-chloropr...	13.008	75	8414	5.47	ug/L	97
67) 1,3,5-Trichlorobenzene	13.230	180	77559	5.23	ug/L	100
68) 1,2,4-trichlorobenzene	13.851	180	63570	5.42	ug/L	100
69) Naphthalene	14.095	128	107902	6.29	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	58283	5.61	ug/L	99

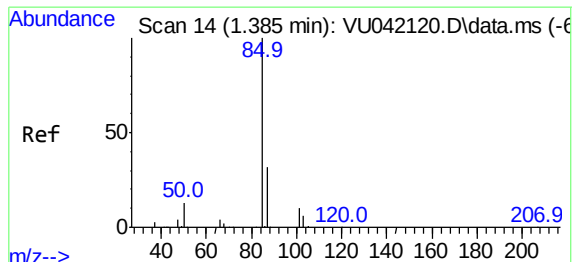
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

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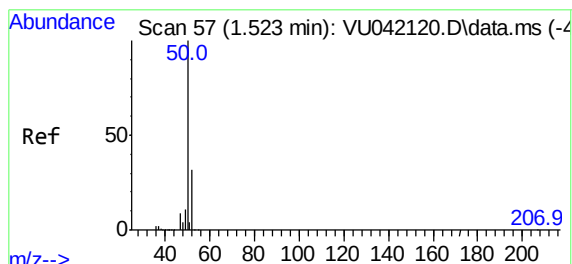
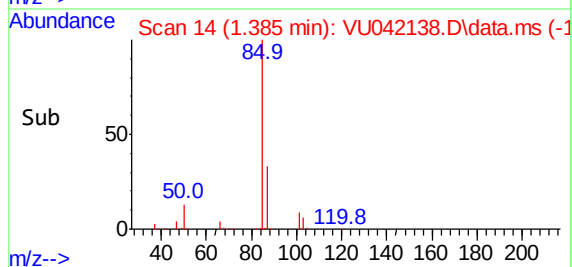
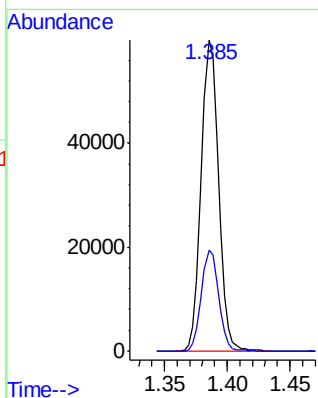
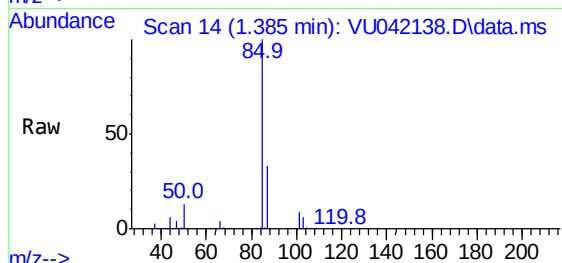




#2
Dichlorodifluoromethane
Concen: 5.19 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

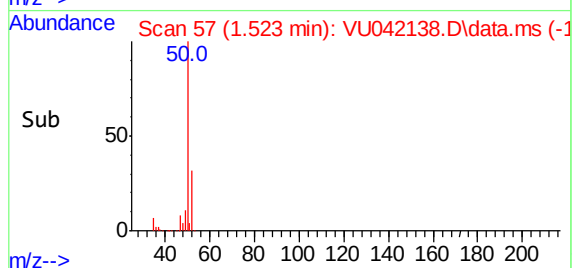
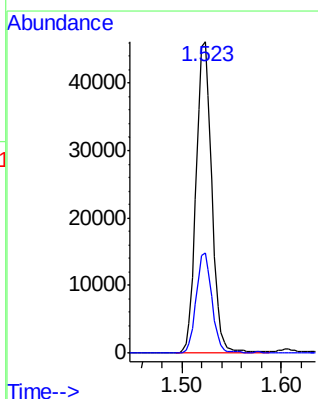
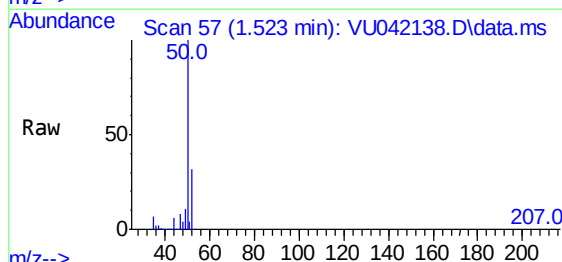
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

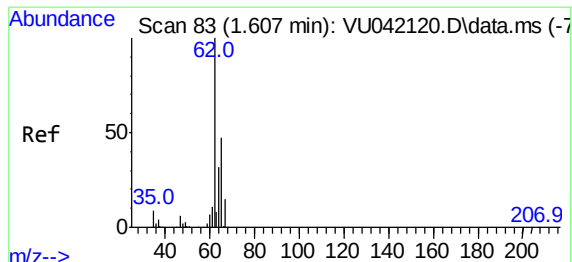
Tgt Ion: 85 Resp: 57372
Ion Ratio Lower Upper
85 100
87 32.2 26.1 39.1



#3
Chloromethane
Concen: 5.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 50 Resp: 50294
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.8



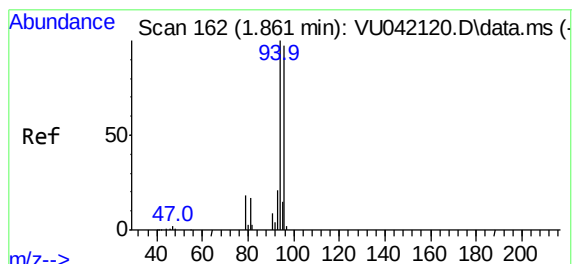
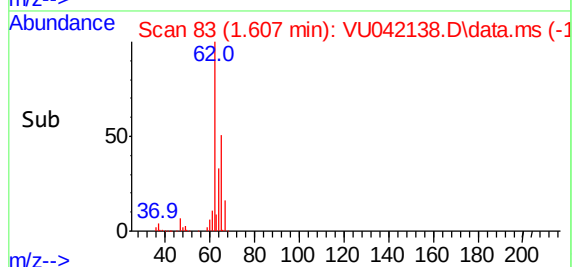
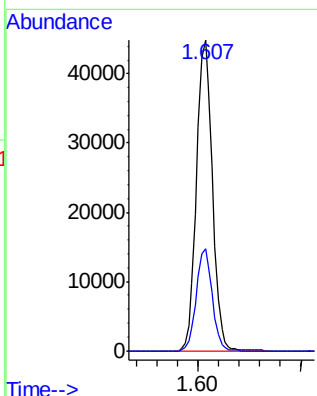
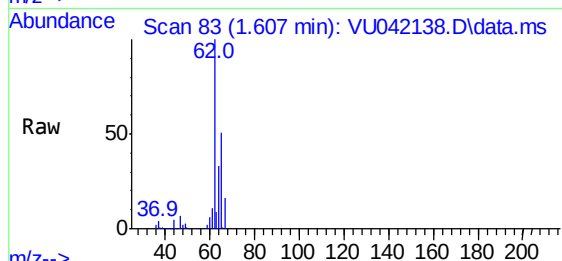


#5
 Vinyl chloride
 Concen: 5.07 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042138.D
 Acq: 21 Jan 2021 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Tgt Ion: 62 Resp: 47867

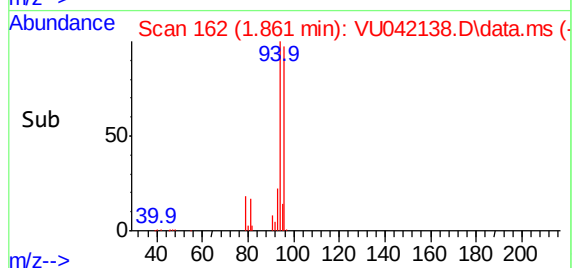
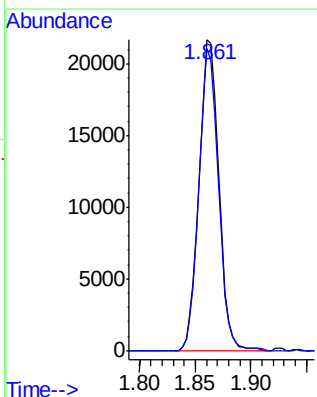
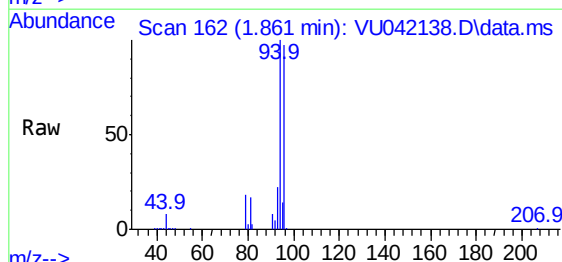
Ion	Ratio	Lower	Upper
62	100		
64	32.8	22.7	42.1

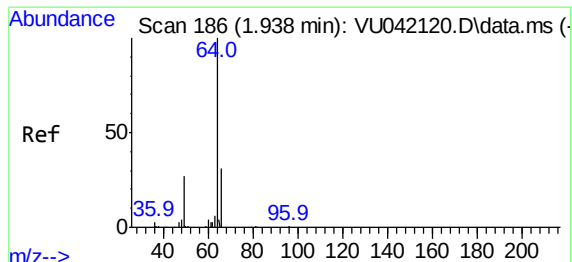


#6
 Bromomethane
 Concen: 4.78 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU042138.D
 Acq: 21 Jan 2021 09:55

Tgt Ion: 94 Resp: 26762

Ion	Ratio	Lower	Upper
94	100		
96	97.3	66.5	123.5

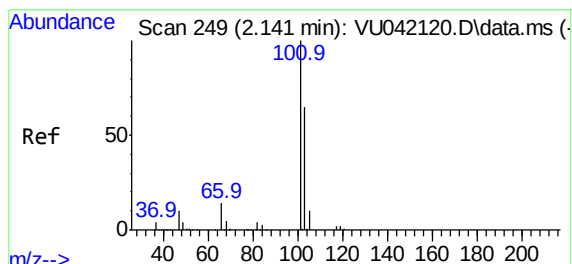
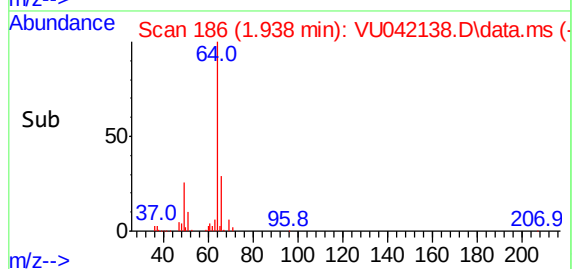
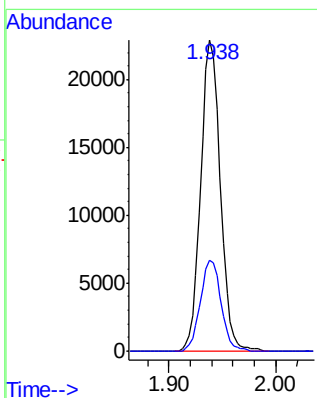
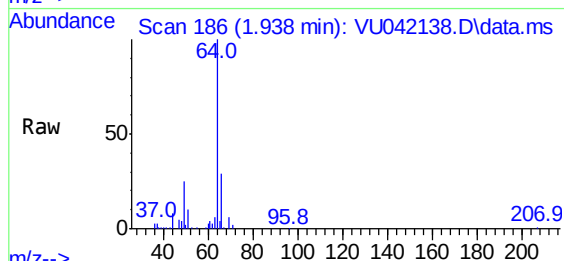




#8
Chloroethane
Concen: 5.25 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

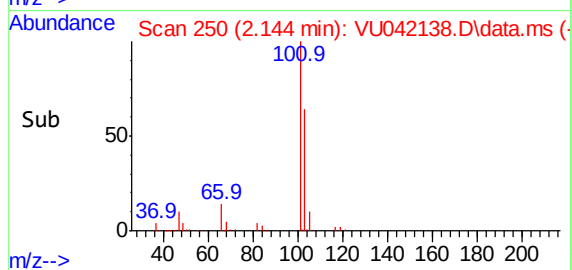
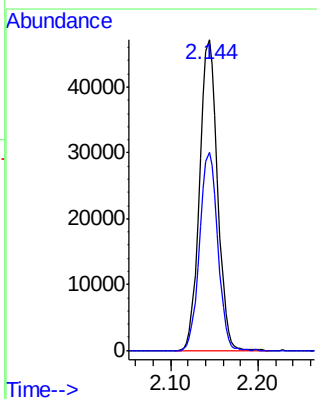
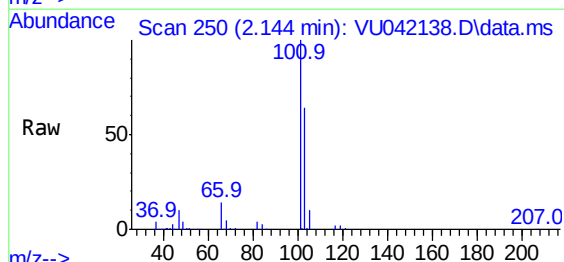
Instrument :
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ClientSampleId :
VSTD00522

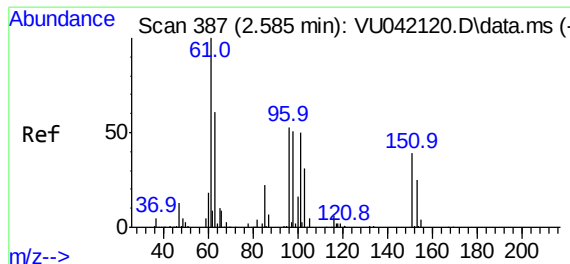
Tgt Ion: 64 Resp: 28777
Ion Ratio Lower Upper
64 100
66 29.3 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.22 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 101 Resp: 66878
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

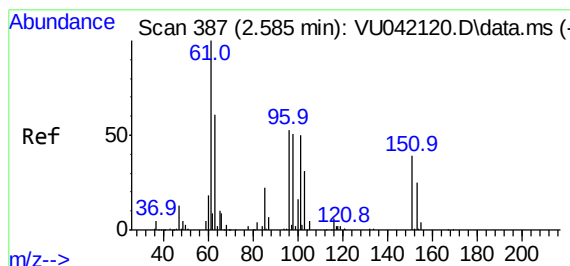
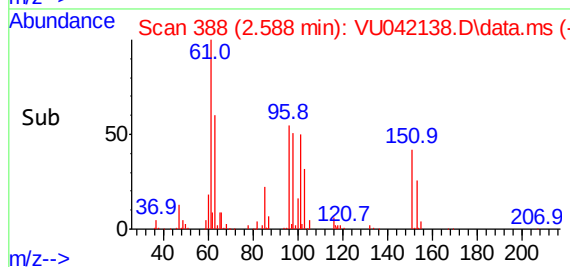
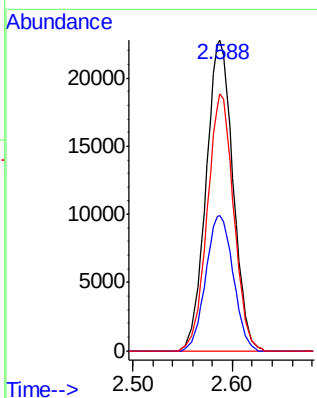
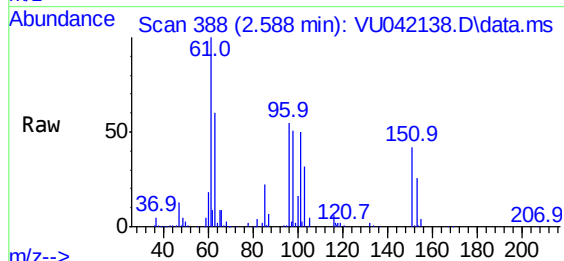




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.13 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

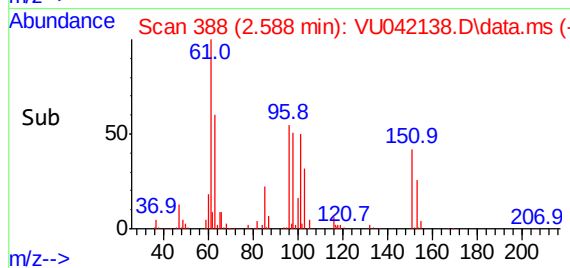
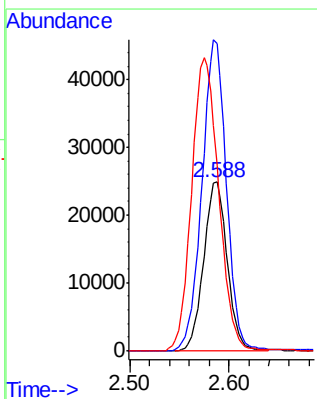
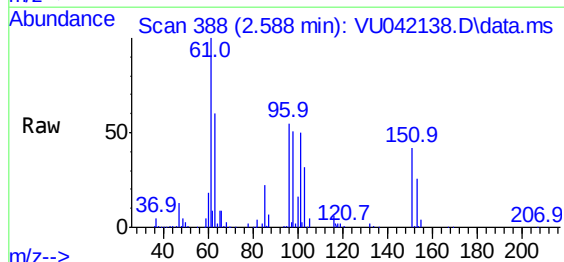
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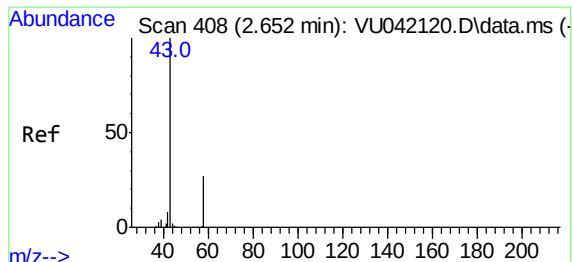
Tgt Ion:101 Resp: 42462
Ion Ratio Lower Upper
101 100
85 44.4 34.6 51.8
151 81.0 62.7 94.1



#12
1,1-Dichloroethene
Concen: 5.10 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 96 Resp: 40547
Ion Ratio Lower Upper
96 100
61 181.8 126.2 234.4
63 109.6 77.8 144.4

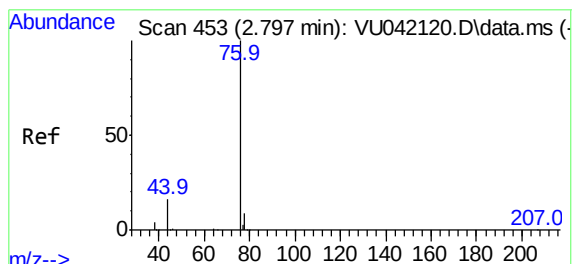
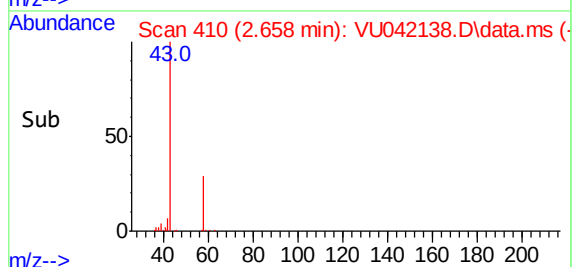
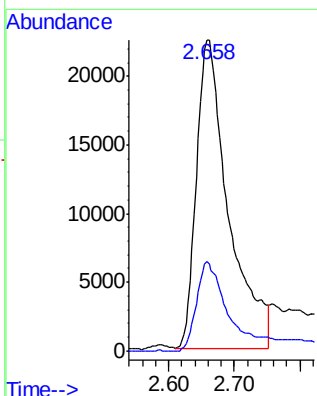
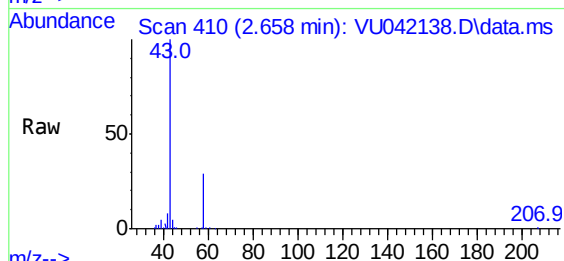




#13
Acetone
Concen: 41.35 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

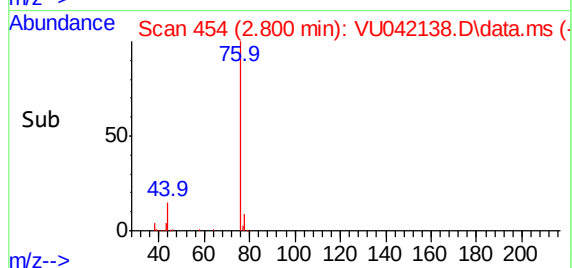
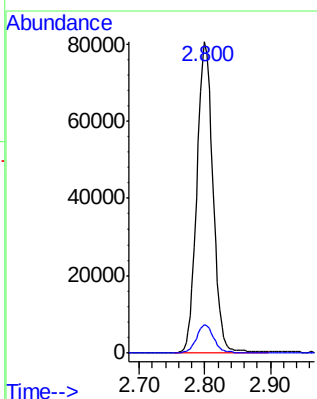
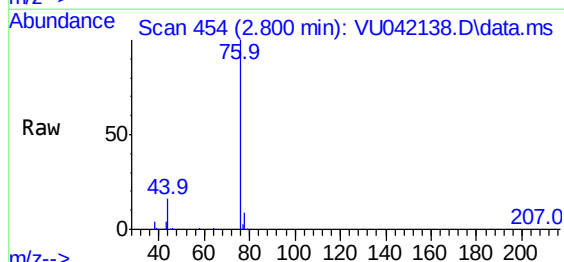
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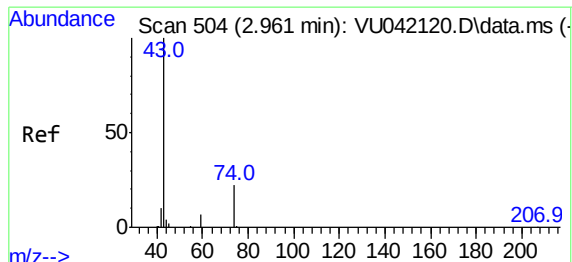
Tgt Ion: 43 Resp: 76106
Ion Ratio Lower Upper
43 100
58 27.4 0.0 55.8



#14
Carbon disulfide
Concen: 5.15 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 76 Resp: 135996
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

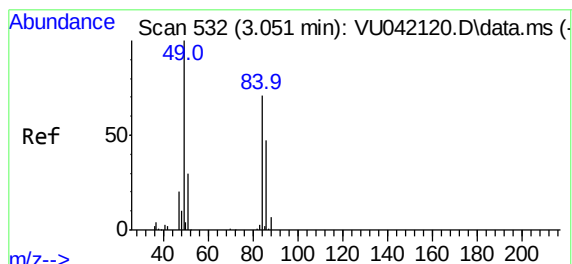
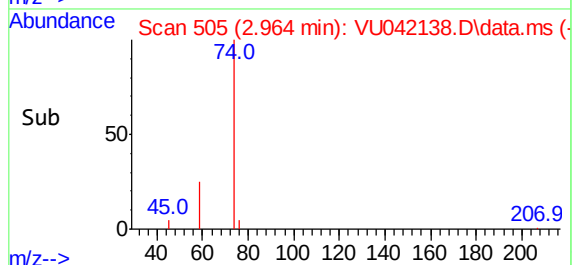
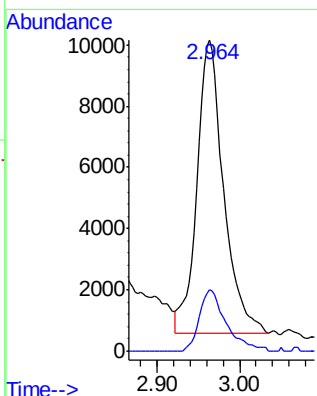
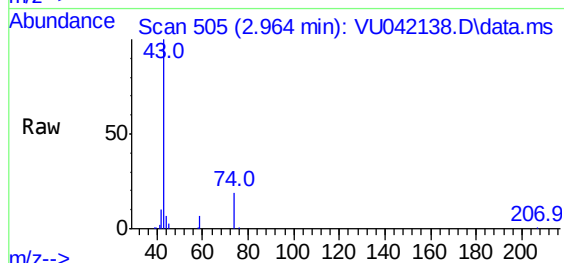




#15
Methyl Acetate
Concen: 4.96 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

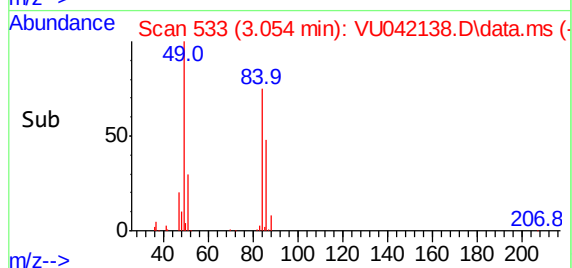
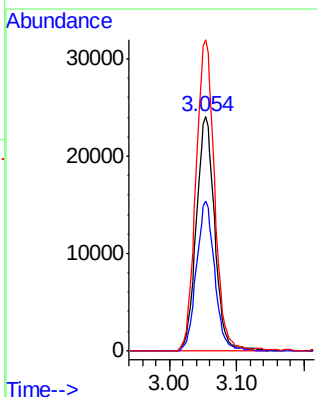
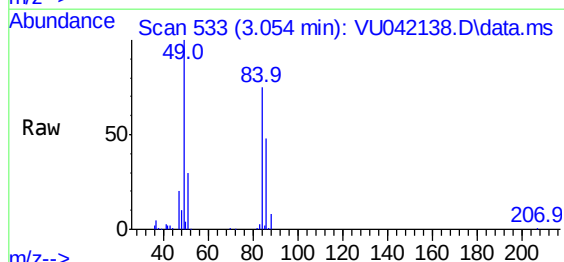
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

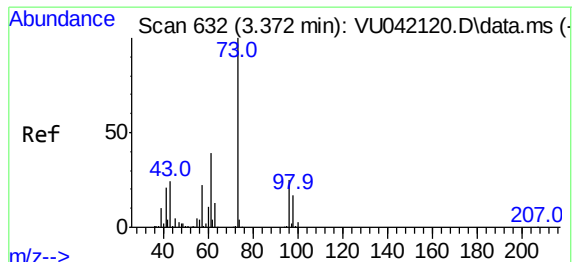
Tgt Ion: 43 Resp: 21549
Ion Ratio Lower Upper
43 100
74 20.8 16.9 25.3



#16
Methylene chloride
Concen: 4.83 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 84 Resp: 45290
Ion Ratio Lower Upper
84 100
86 64.2 44.1 81.9
49 133.0 95.0 176.4

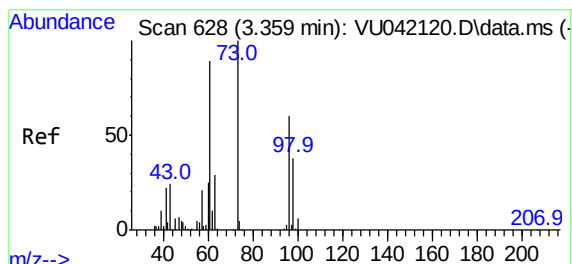
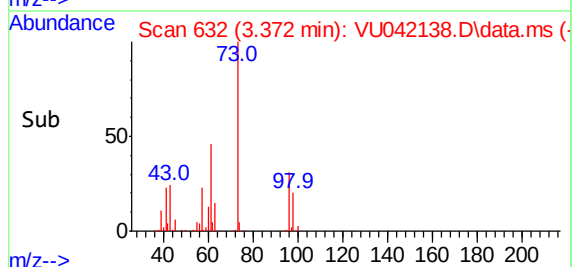
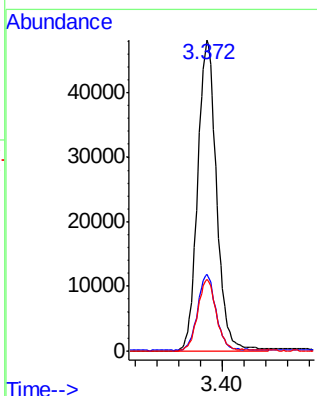
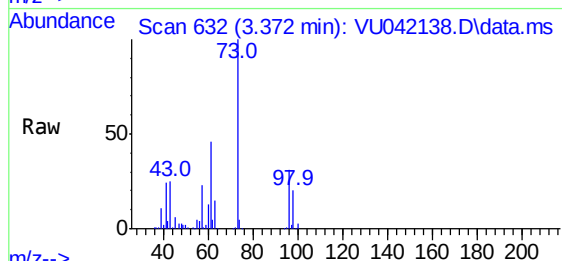




#17
Methyl tert-butyl Ether
Concen: 5.02 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

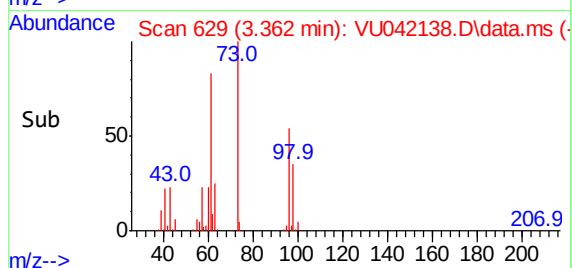
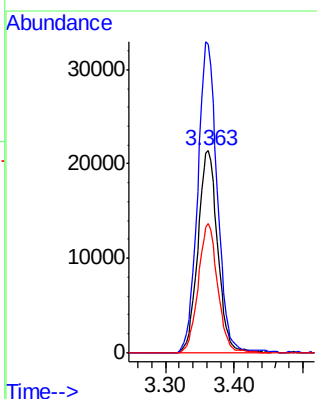
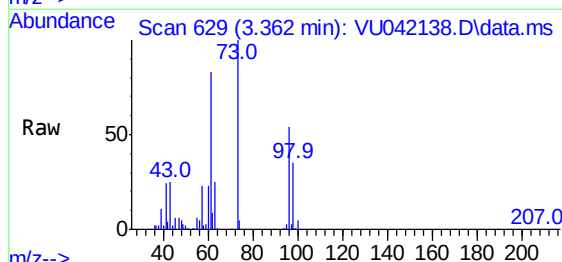
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

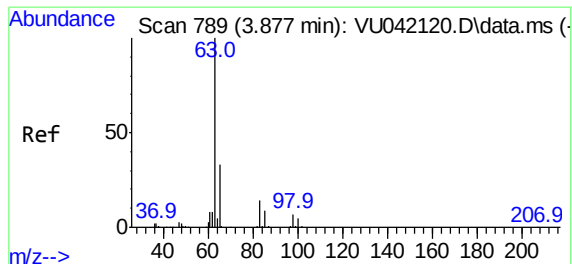
Tgt Ion: 73 Resp: 115593
Ion Ratio Lower Upper
73 100
43 24.2 18.9 28.3
57 22.6 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 5.00 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 96 Resp: 42333
Ion Ratio Lower Upper
96 100
61 153.1 105.7 196.3
98 64.0 42.8 79.6

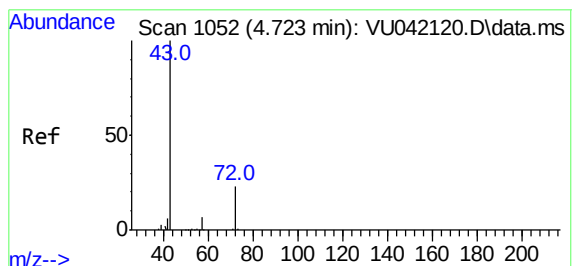
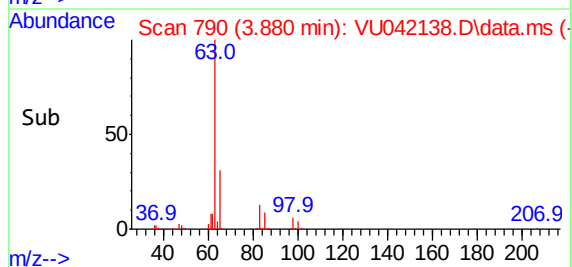
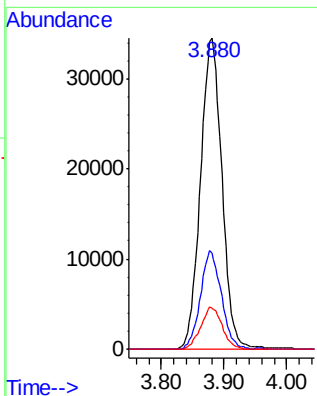
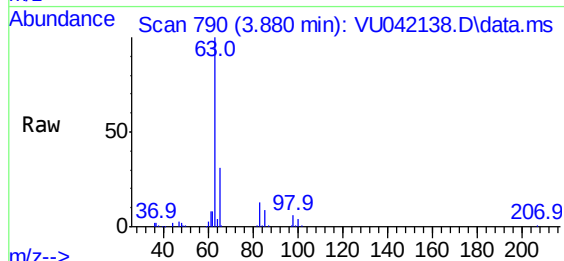




#19
1,1-Dichloroethane
Concen: 5.22 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

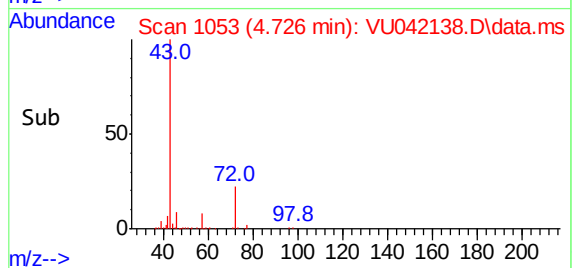
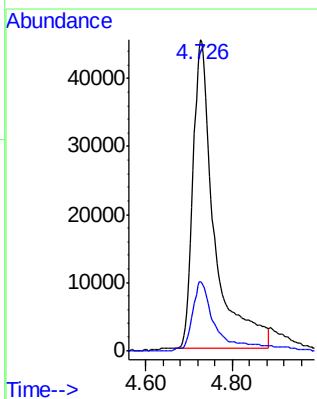
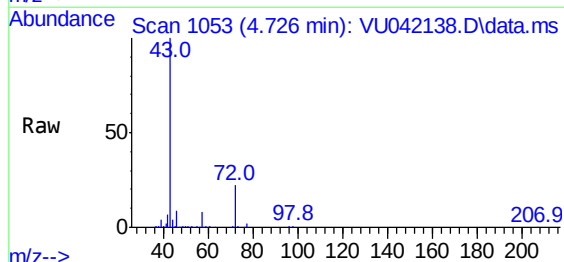
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

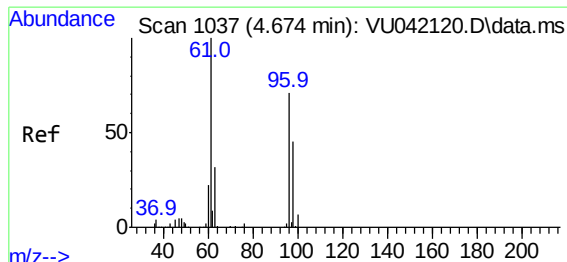
Tgt Ion: 63 Resp: 81665
Ion Ratio Lower Upper
63 100
65 30.9 22.5 41.9
83 13.2 10.1 18.7



#21
2-Butanone
Concen: 50.86 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 43 Resp: 156816
Ion Ratio Lower Upper
43 100
72 22.2 11.7 35.1



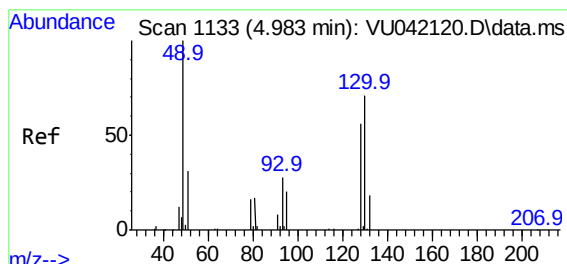
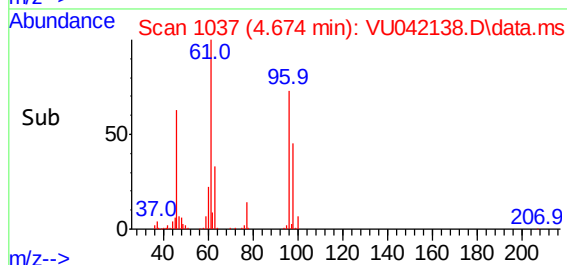
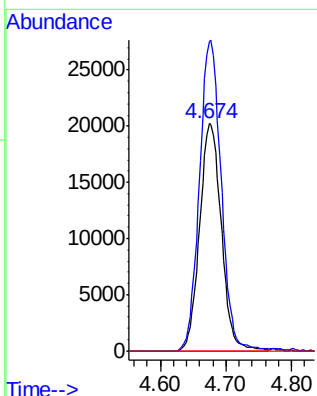
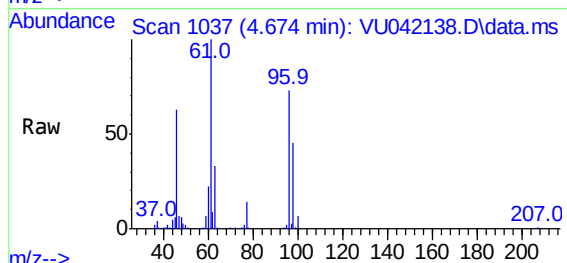


#22
 cis-1,2-Dichloroethene
 Concen: 5.10 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU042138.D
 Acq: 21 Jan 2021 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Tgt Ion: 96 Resp: 46070

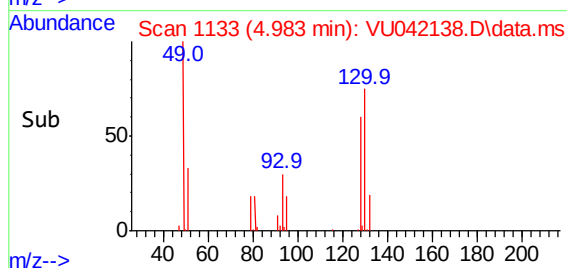
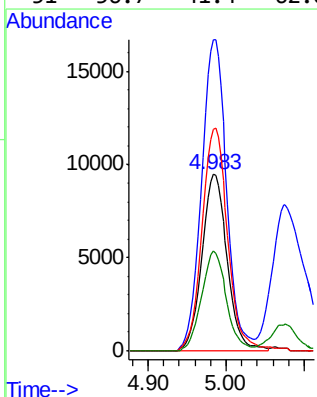
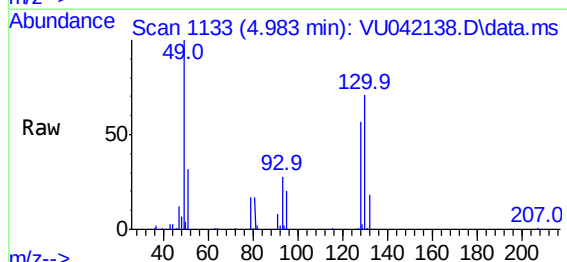
Ion	Ratio	Lower	Upper
96	100		
61	136.2	97.8	181.6
68	0.0	0.0	0.0

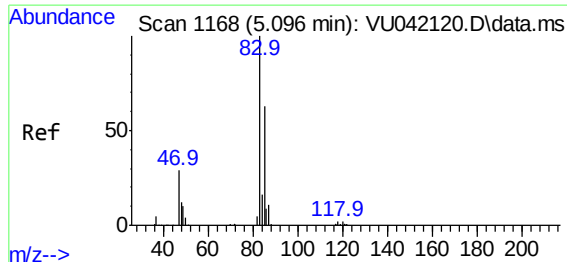


#23
 Bromochloromethane
 Concen: 5.11 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU042138.D
 Acq: 21 Jan 2021 09:55

Tgt Ion: 128 Resp: 21308

Ion	Ratio	Lower	Upper
128	100		
49	176.5	117.7	218.7
130	125.8	87.9	163.3
51	56.7	41.4	62.0

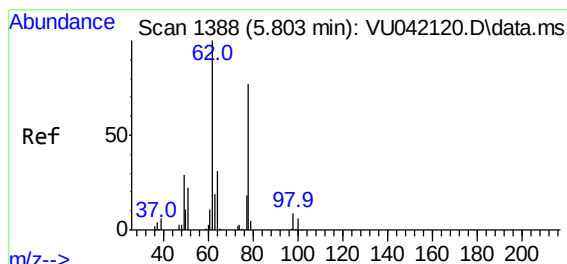
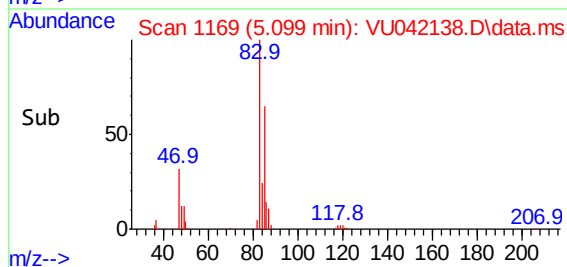
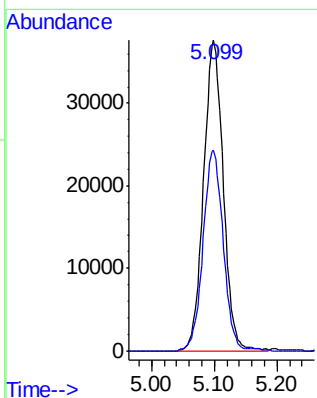
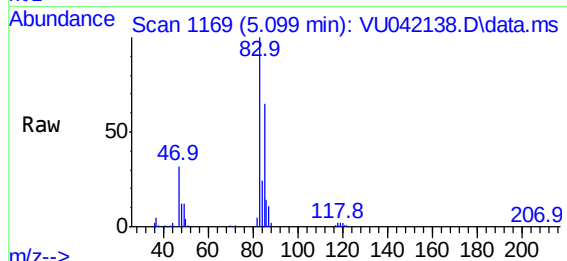




#25
Chloroform
Concen: 5.06 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

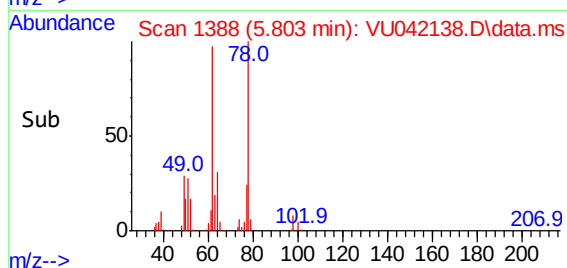
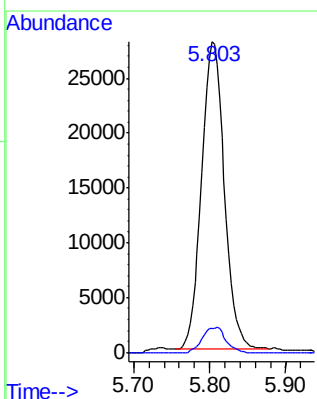
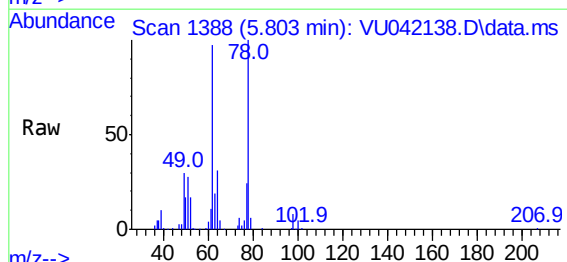
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

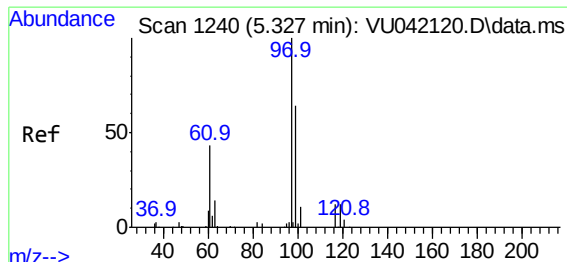
Tgt Ion: 83 Resp: 81731
Ion Ratio Lower Upper
83 100
85 64.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.10 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 62 Resp: 58367
Ion Ratio Lower Upper
62 100
98 7.9 7.3 10.9

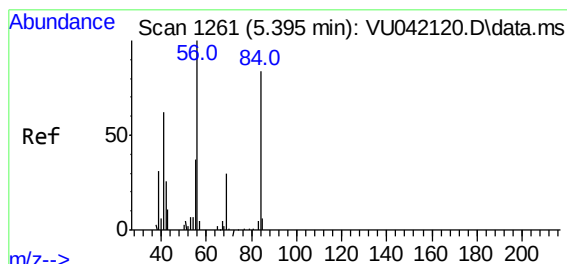
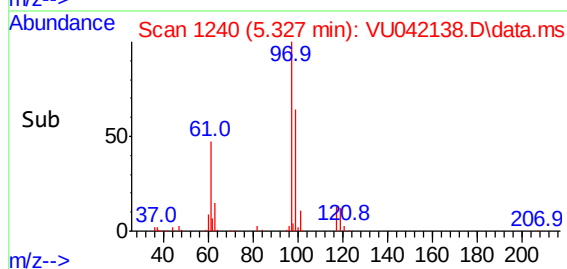
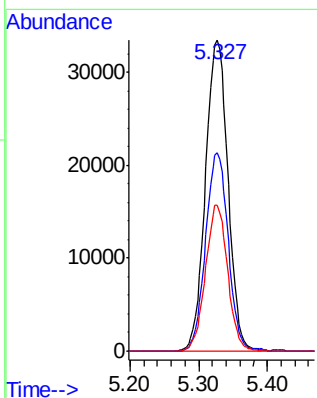
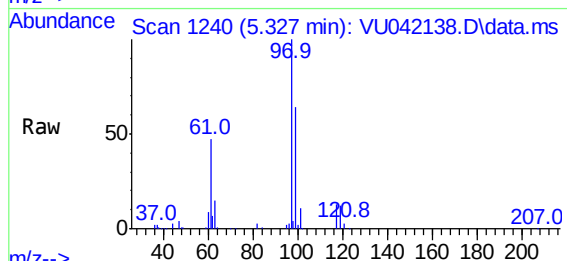




#29
1,1,1-Trichloroethane
Concen: 5.26 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

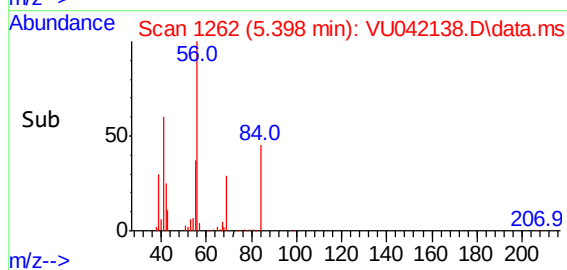
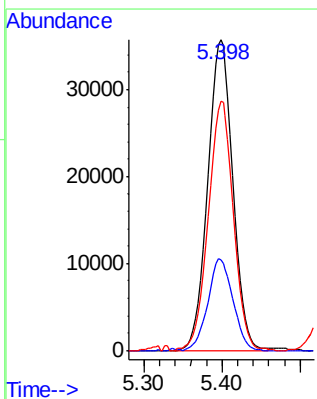
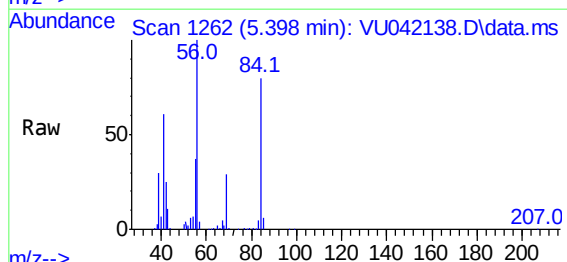
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

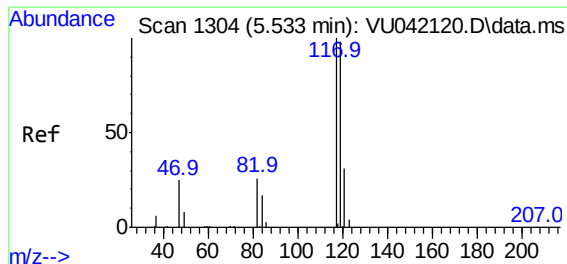
Tgt Ion: 97 Resp: 75841
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 46.2 35.8 53.6



#30
Cyclohexane
Concen: 5.23 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 56 Resp: 81087
Ion Ratio Lower Upper
56 100
69 29.5 23.7 35.5
84 80.6 65.3 97.9

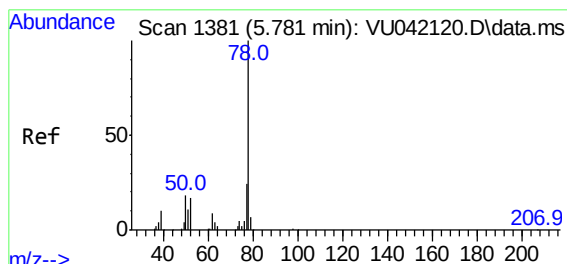
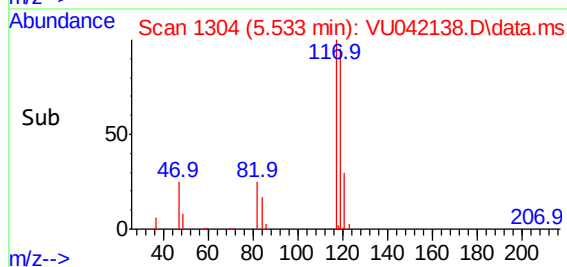
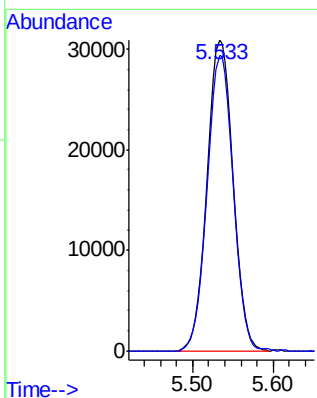
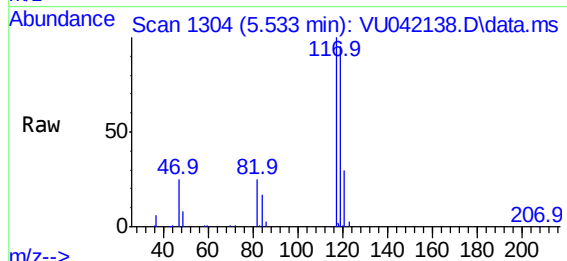




#31
Carbon tetrachloride
Concen: 5.29 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

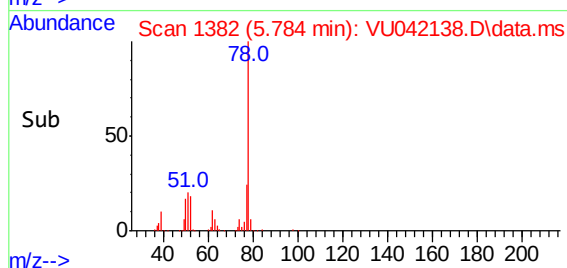
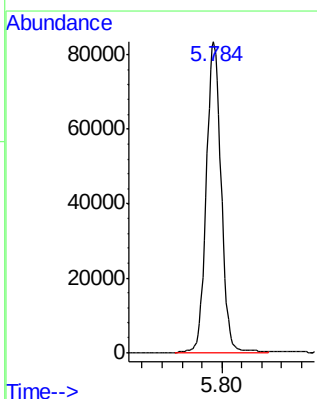
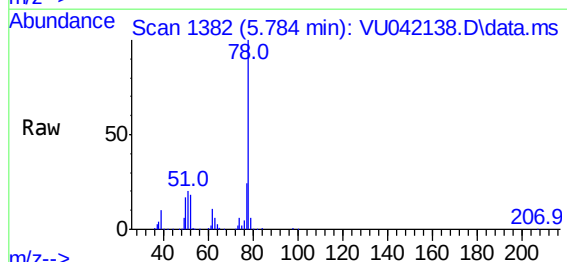
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

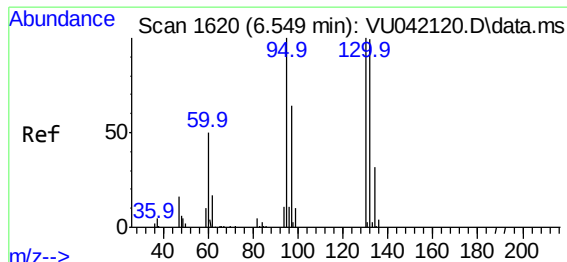
Tgt Ion:117 Resp: 67192
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.4



#33
Benzene
Concen: 5.36 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 78 Resp: 172620



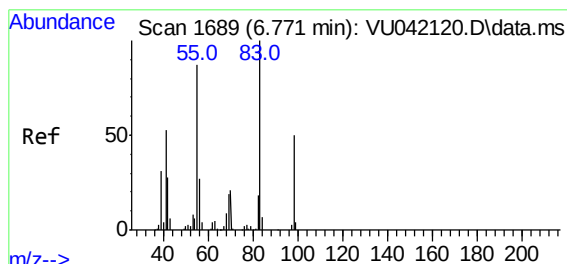
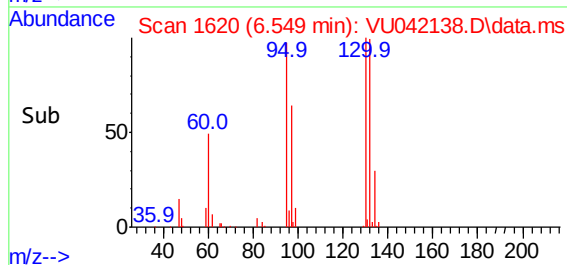
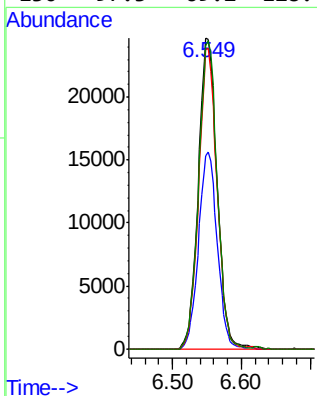
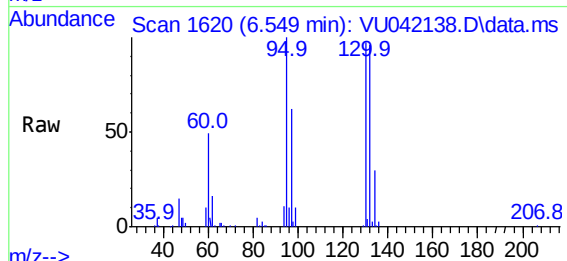


#34
Trichloroethene
Concen: 5.38 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Tgt Ion: 95 Resp: 46702

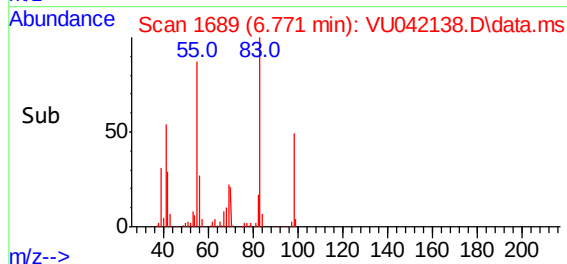
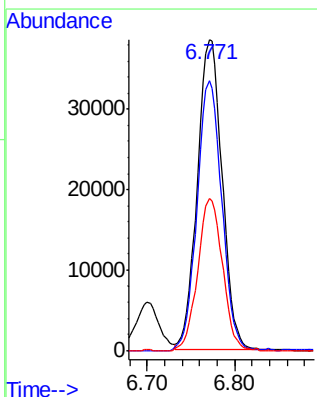
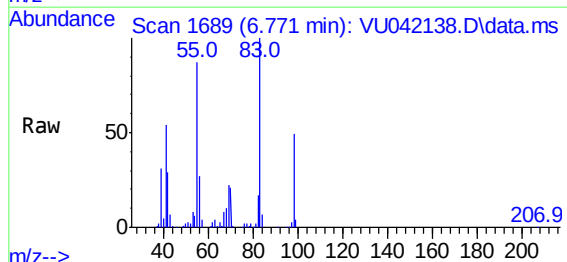
Ion	Ratio	Lower	Upper
95	100		
97	62.2	44.4	82.4
132	96.3	68.0	126.4
130	97.3	69.2	128.4

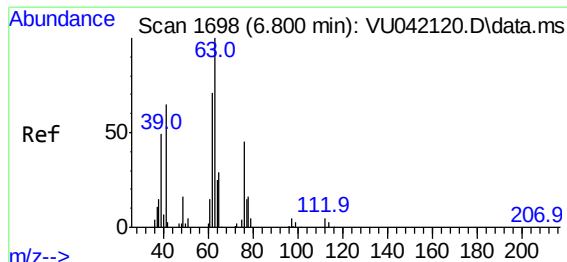


#35
Methylcyclohexane
Concen: 5.22 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 83 Resp: 75968

Ion	Ratio	Lower	Upper
83	100		
55	86.6	68.2	102.4
98	48.7	39.7	59.5

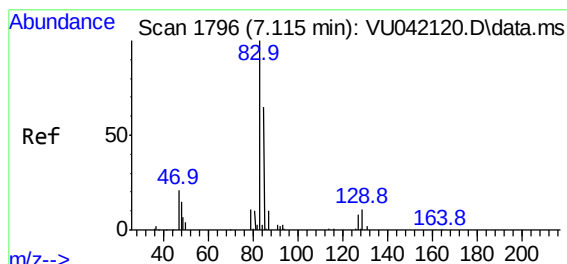
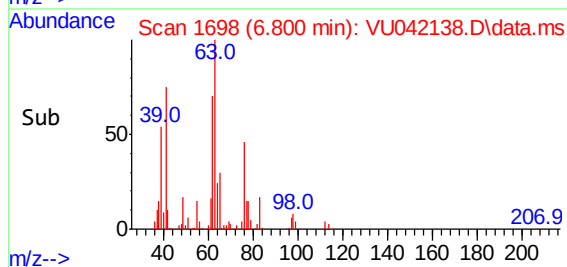
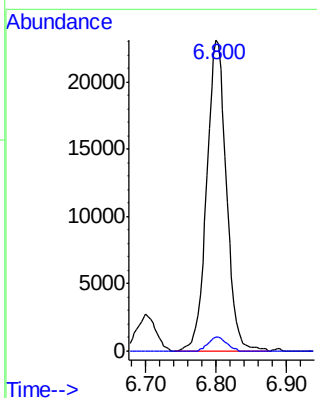
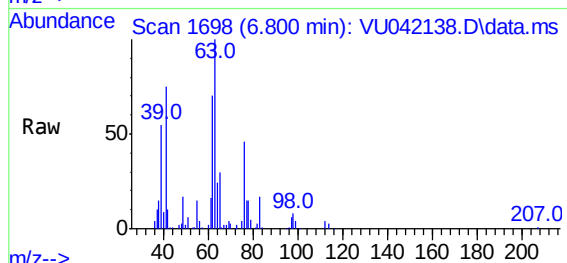




#37
1,2-Dichloropropane
Concen: 5.32 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

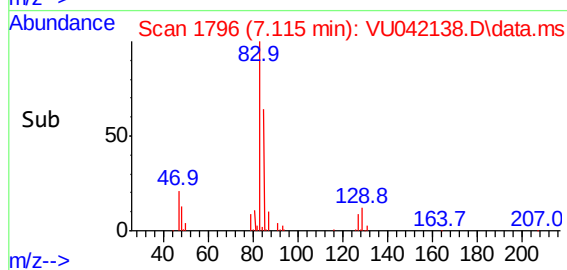
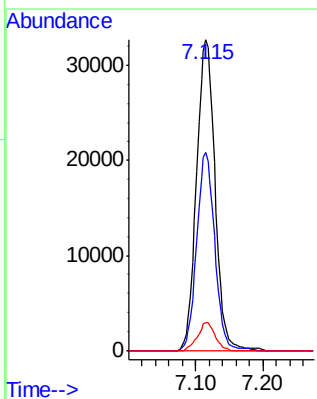
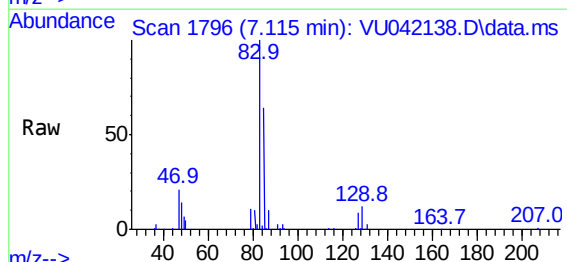
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

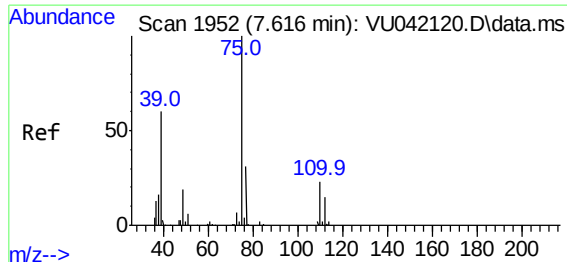
Tgt Ion: 63 Resp: 45087
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.0



#38
Bromodichloromethane
Concen: 5.31 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 83 Resp: 62261
Ion Ratio Lower Upper
83 100
85 63.6 46.0 85.4
127 9.0 6.8 10.2

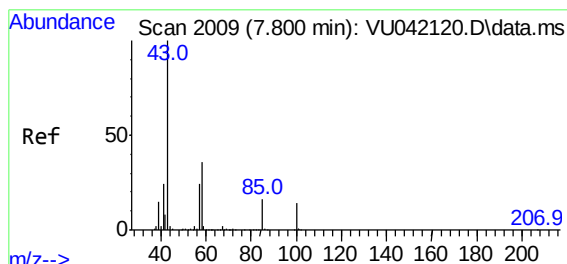
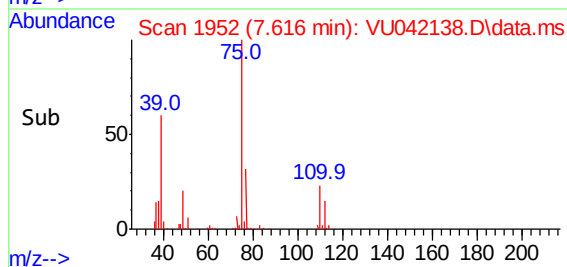
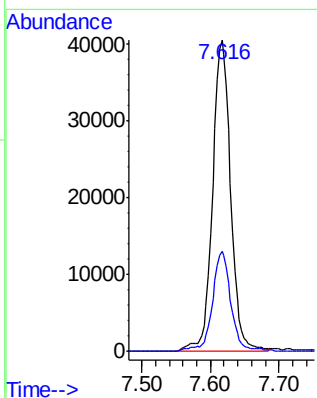
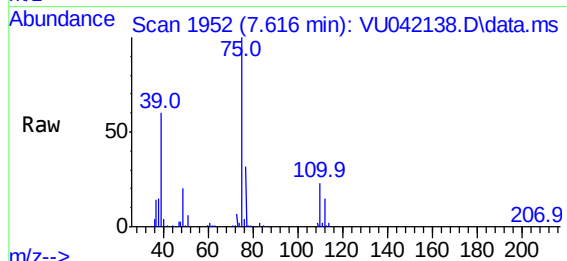




#39
cis-1,3-Dichloropropene
Concen: 5.27 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

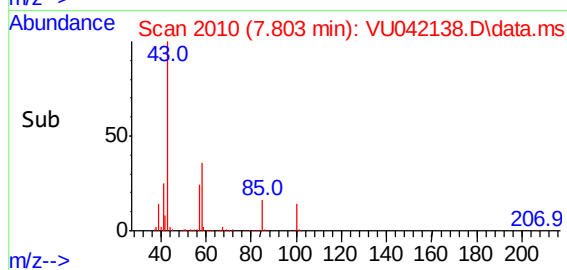
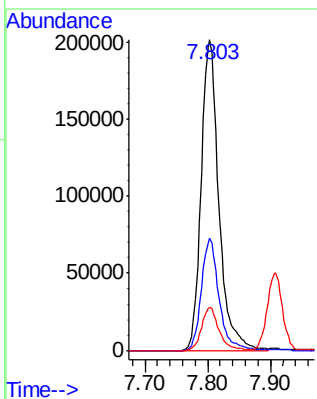
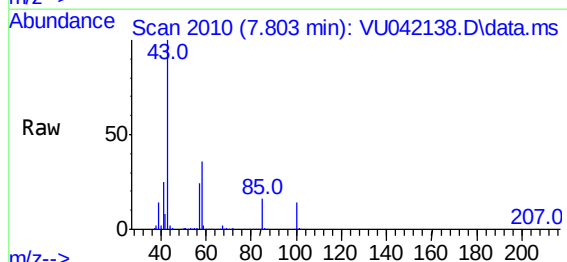
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

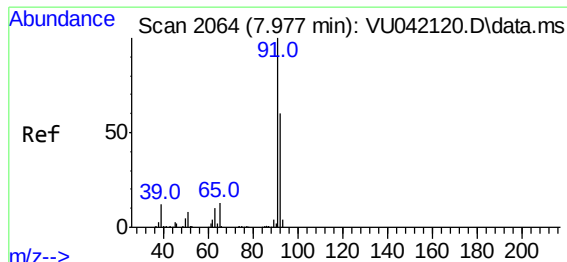
Tgt Ion: 75 Resp: 73472
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 54.14 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 43 Resp: 392637
Ion Ratio Lower Upper
43 100
58 36.0 29.1 43.7
100 13.7 11.0 16.4





#42

Toluene

Concen: 5.26 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042138.D

Acq: 21 Jan 2021 09:55

Instrument :

MSVOA_U

ClientSampleId :

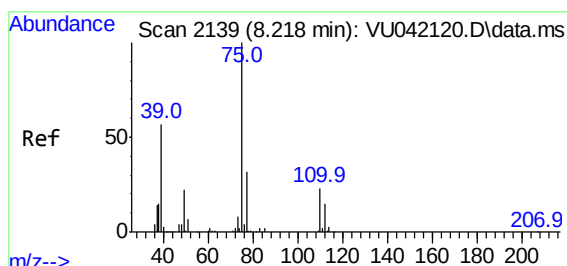
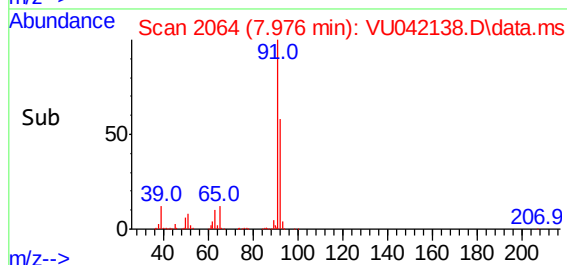
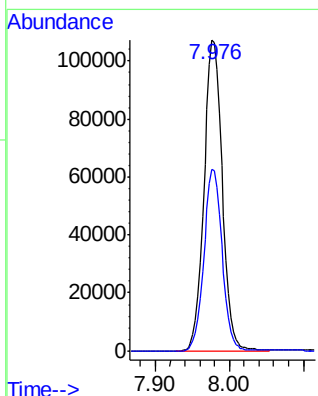
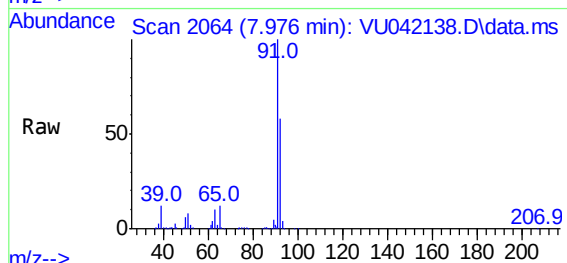
VSTD00522

Tgt Ion: 91 Resp: 183316

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 5.18 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU042138.D

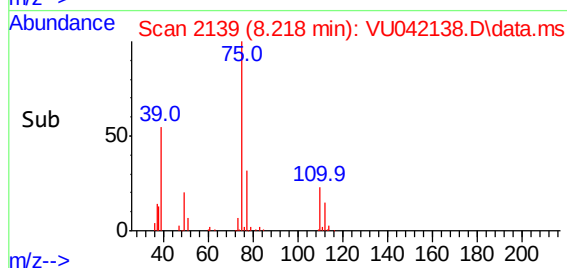
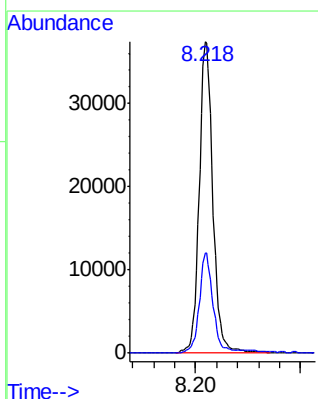
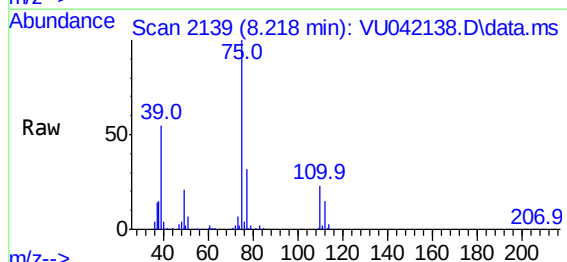
Acq: 21 Jan 2021 09:55

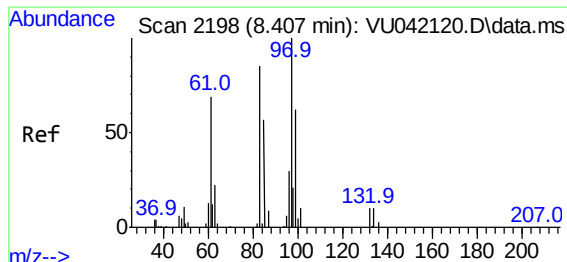
Tgt Ion: 75 Resp: 66178

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4

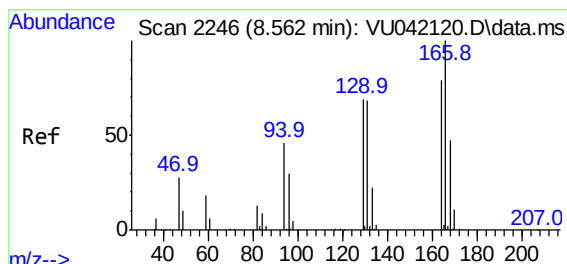
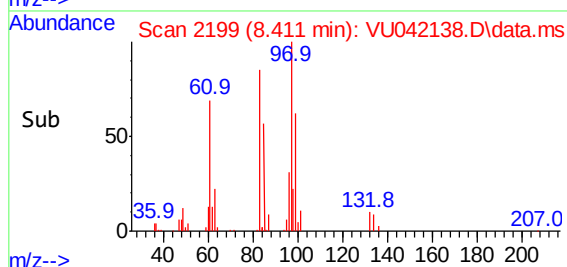
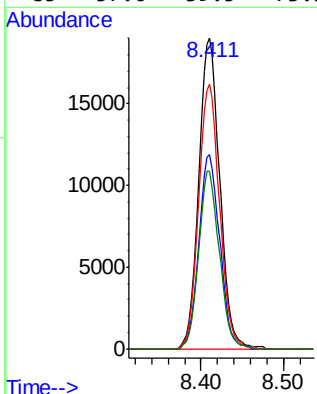
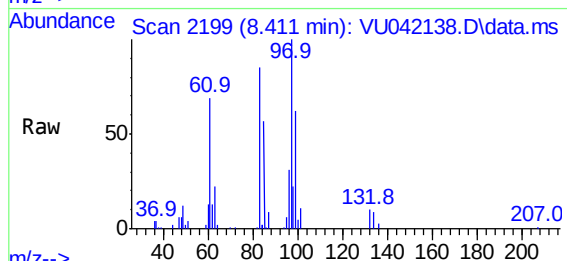




#45
1,1,2-Trichloroethane
Concen: 5.35 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

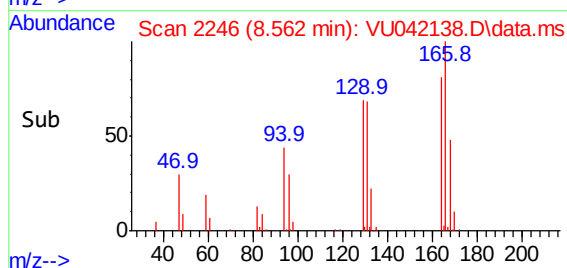
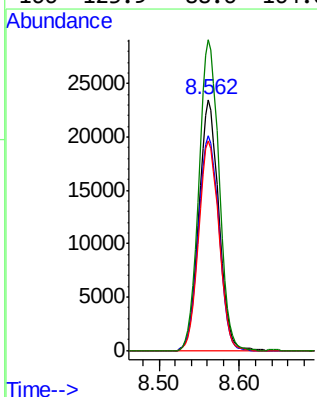
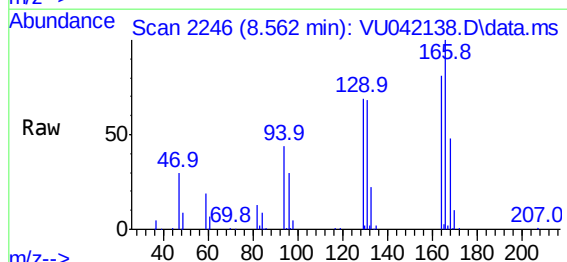
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

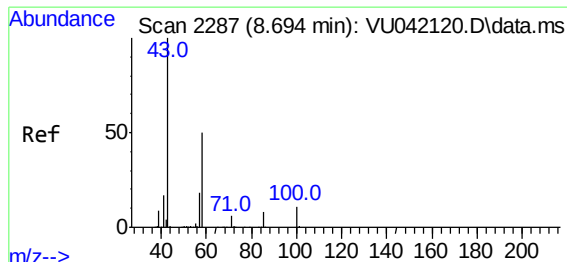
Tgt Ion: 97 Resp: 33568
Ion Ratio Lower Upper
97 100
99 62.4 44.0 81.8
83 85.1 57.6 107.0
85 57.0 39.5 73.3



#47
Tetrachloroethene
Concen: 5.40 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 164 Resp: 38951
Ion Ratio Lower Upper
164 100
129 85.5 64.3 119.5
131 83.8 62.2 115.6
166 123.9 88.6 164.6

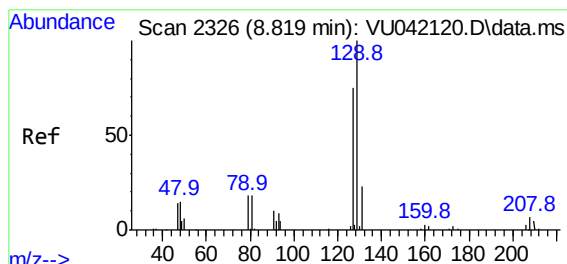
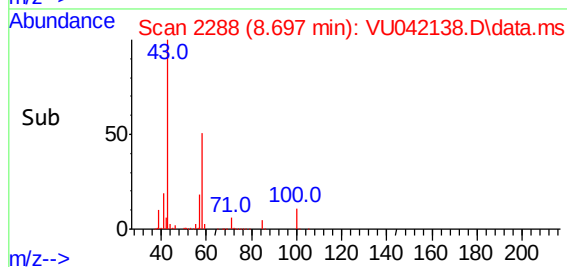
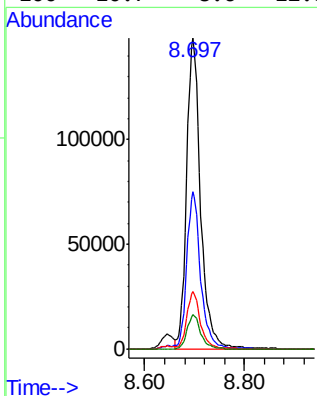
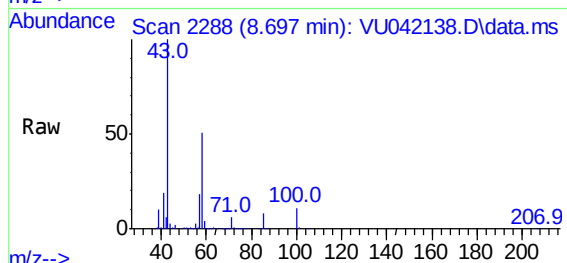




#48
2-Hexanone
Concen: 57.04 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

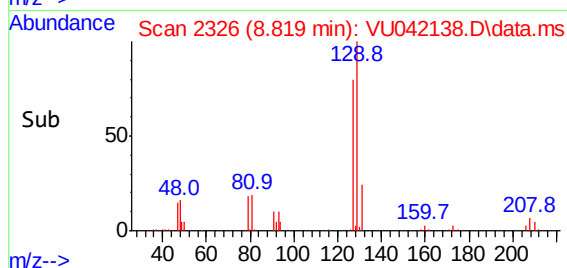
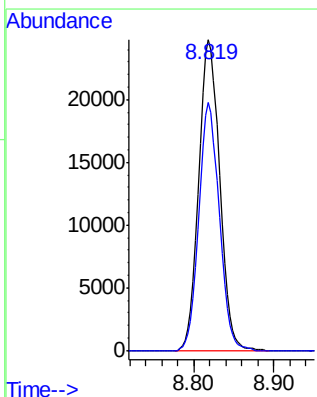
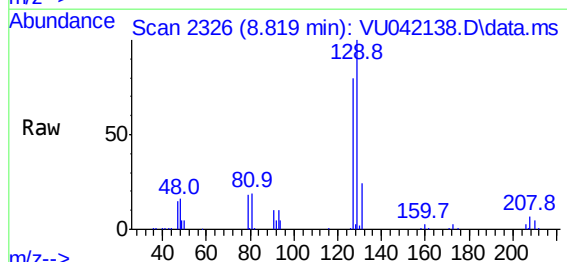
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

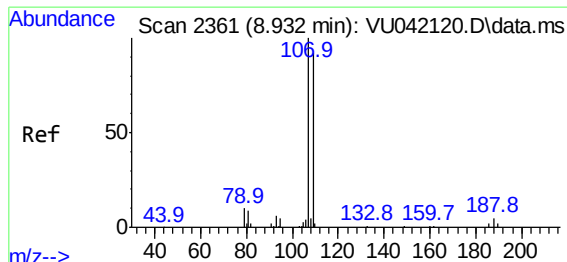
Tgt Ion: 43 Resp: 287596
Ion Ratio Lower Upper
43 100
58 49.6 40.6 61.0
57 17.8 14.9 22.3
100 10.7 8.6 12.8



#49
Dibromochloromethane
Concen: 5.21 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 129 Resp: 43433
Ion Ratio Lower Upper
129 100
127 79.7 52.3 97.1

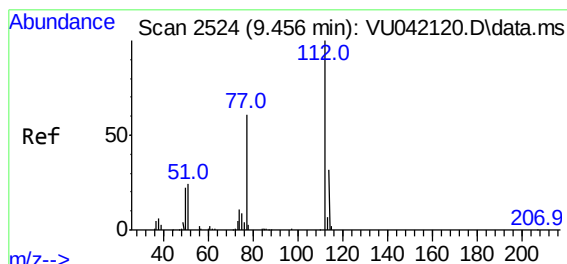
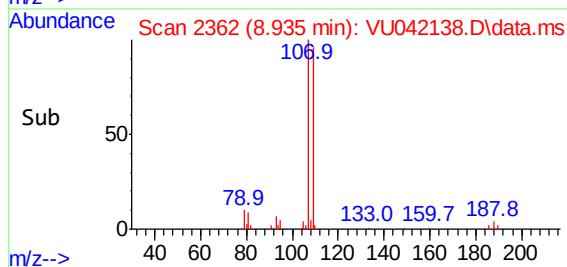
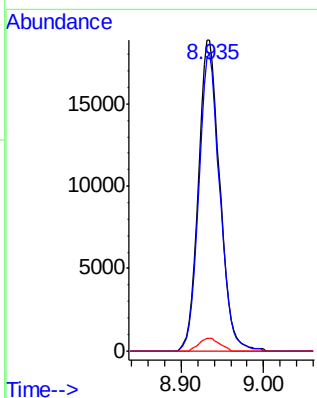
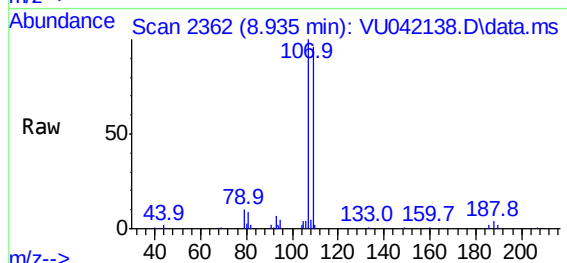




#50
1,2-Dibromoethane
Concen: 5.24 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

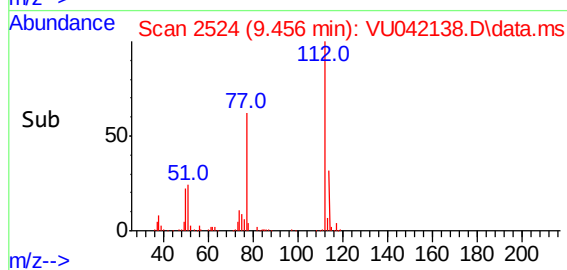
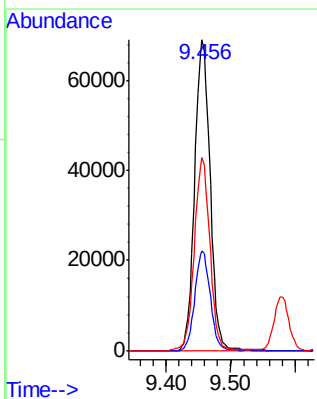
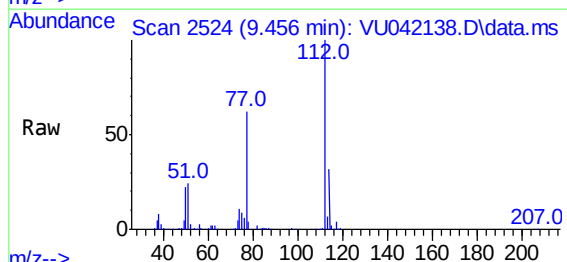
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

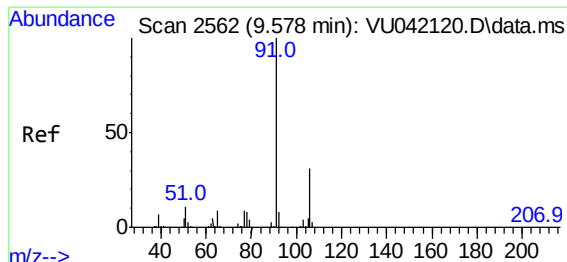
Tgt Ion:107 Resp: 33963
Ion Ratio Lower Upper
107 100
109 96.0 65.5 121.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 5.19 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion:112 Resp: 115705
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 62.2 49.8 74.6

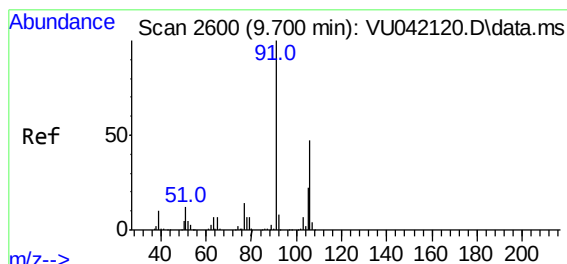
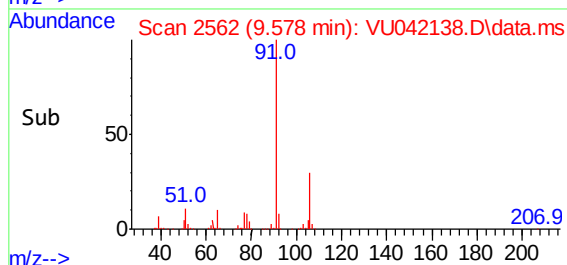
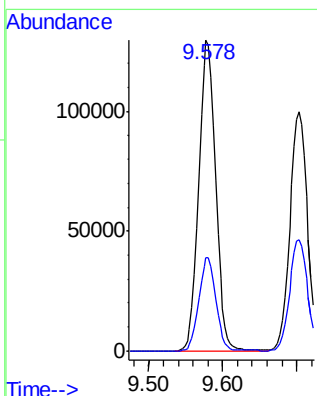
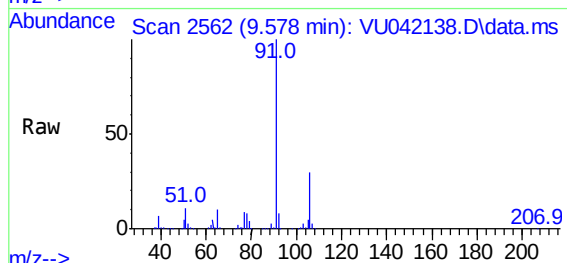




#52
Ethylbenzene
Concen: 5.18 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

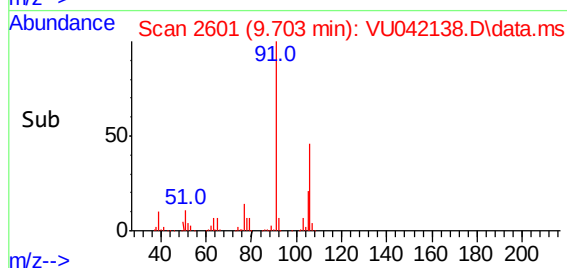
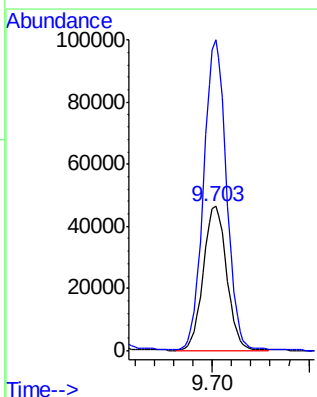
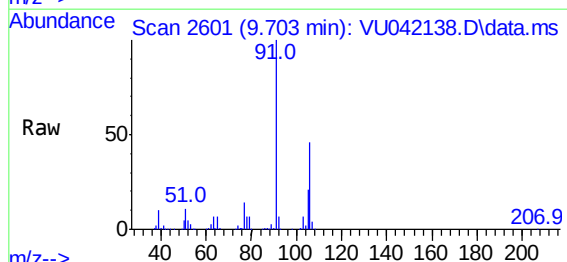
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

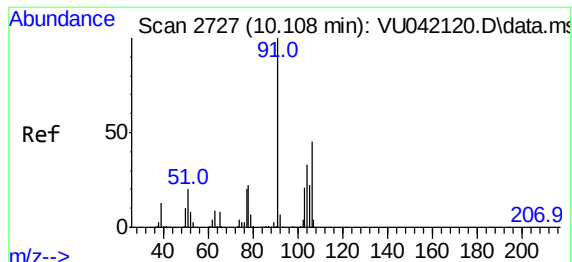
Tgt Ion: 91 Resp: 207023
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.3



#53
m,p-Xylene
Concen: 5.21 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion:106 Resp: 77997
Ion Ratio Lower Upper
106 100
91 215.4 145.1 269.5

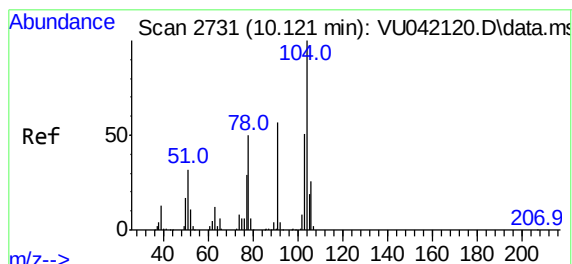
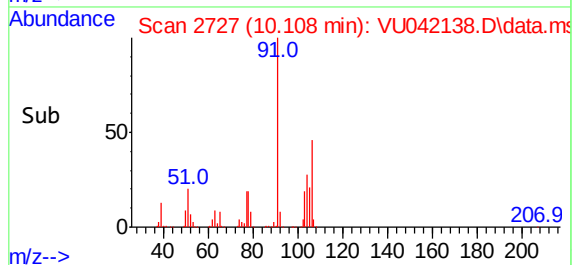
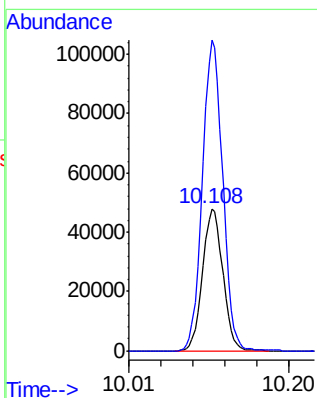
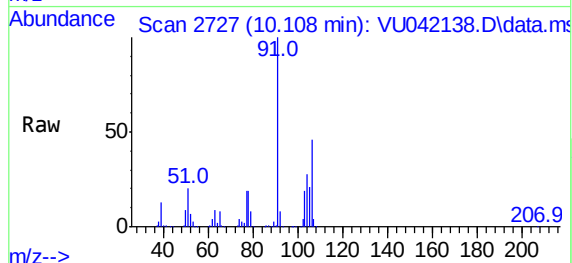




#54
o-Xylene
Concen: 5.29 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

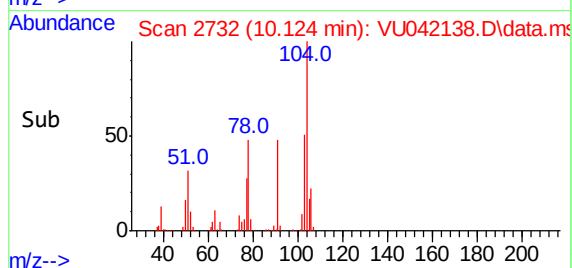
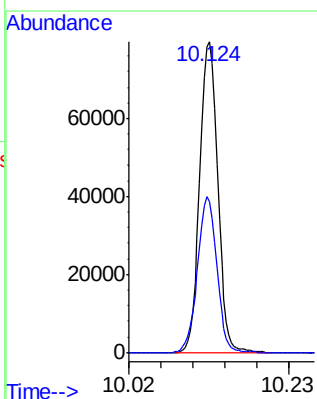
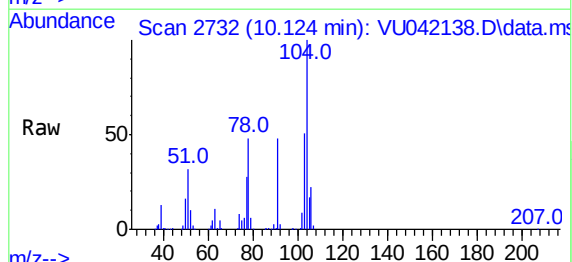
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

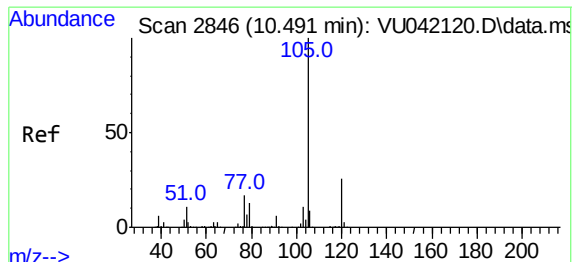
Tgt Ion:106 Resp: 76792
Ion Ratio Lower Upper
106 100
91 218.9 153.0 284.2



#55
Styrene
Concen: 5.21 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion:104 Resp: 130159
Ion Ratio Lower Upper
104 100
78 48.4 34.9 64.7

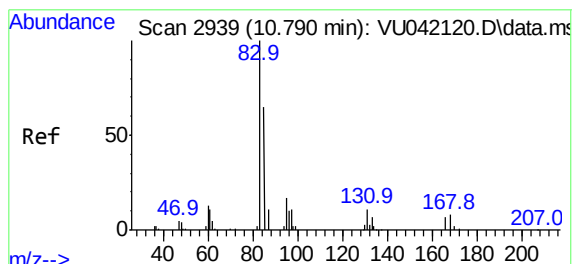
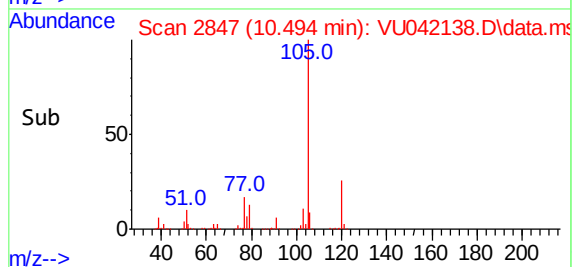
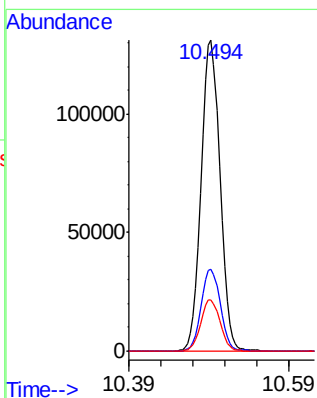
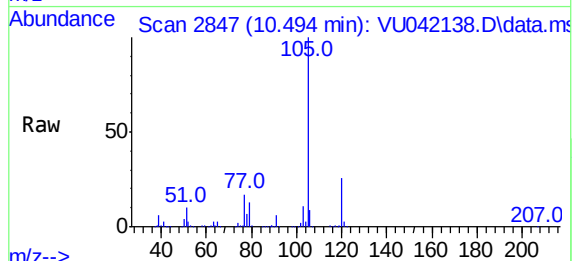




#56
Isopropylbenzene
Concen: 5.14 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

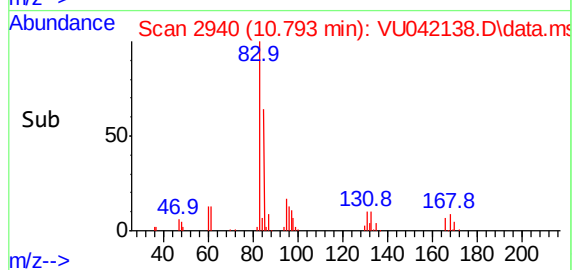
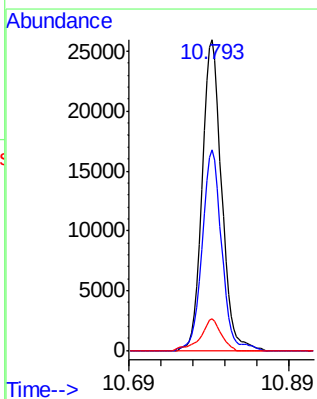
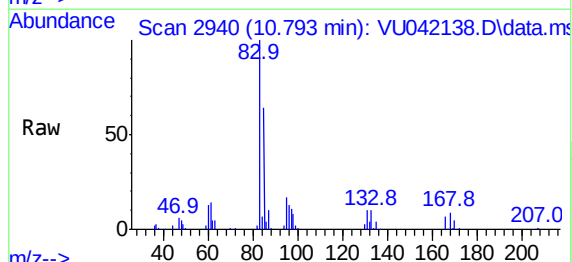
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

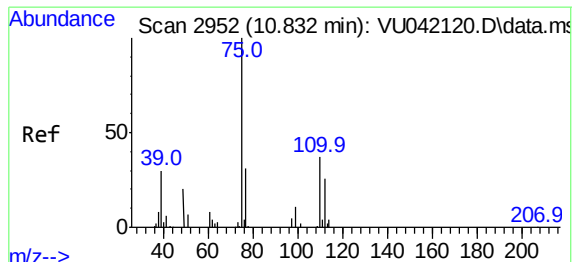
Tgt Ion:105 Resp: 206044
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 16.6 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.30 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 83 Resp: 42462
Ion Ratio Lower Upper
83 100
85 64.4 44.4 82.4
131 10.2 8.6 12.8

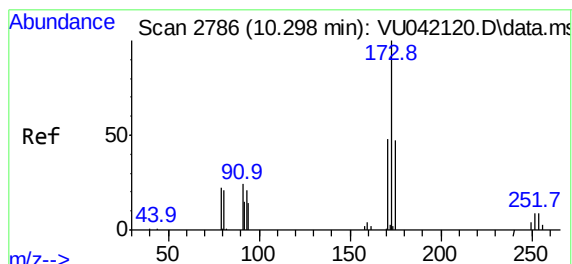
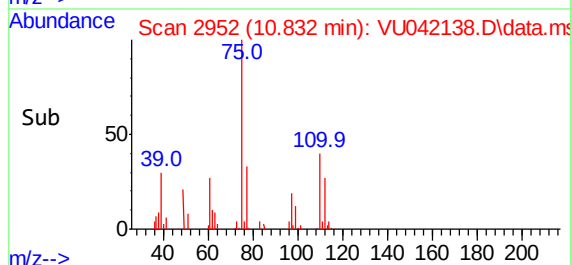
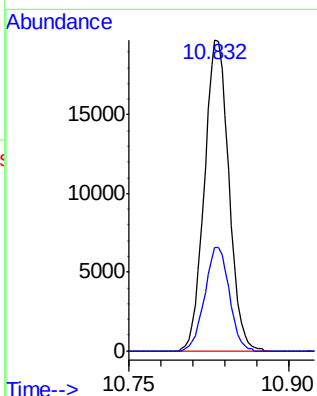
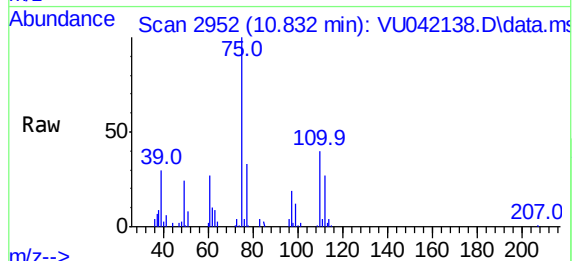




#59
1,2,3-Trichloropropane
Concen: 5.41 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

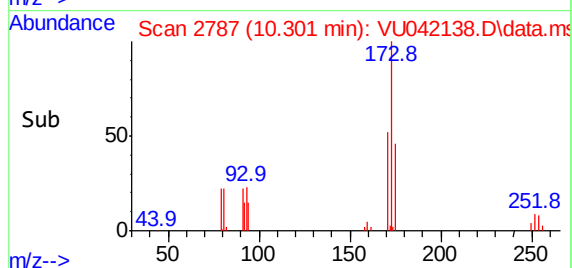
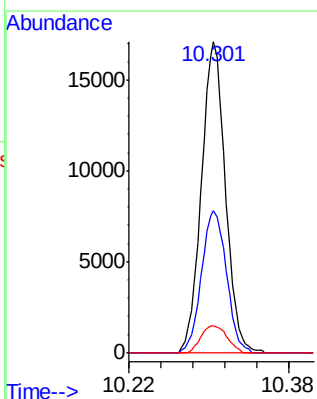
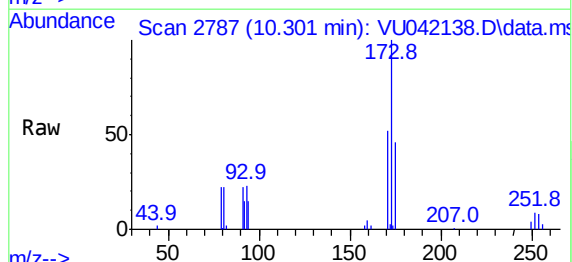
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

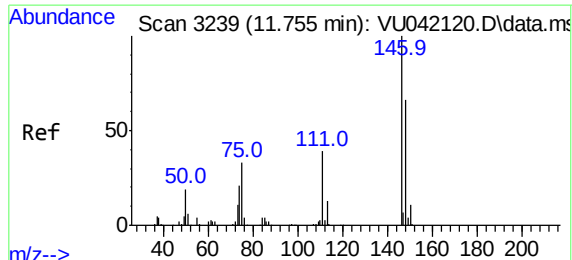
Tgt Ion: 75 Resp: 32380
Ion Ratio Lower Upper
75 100
77 33.3 26.0 39.0



#61
Bromoform
Concen: 5.30 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion:173 Resp: 28470
Ion Ratio Lower Upper
173 100
175 47.4 38.7 58.1
254 9.2 7.9 11.9

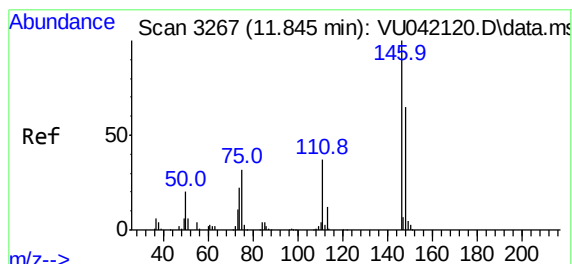
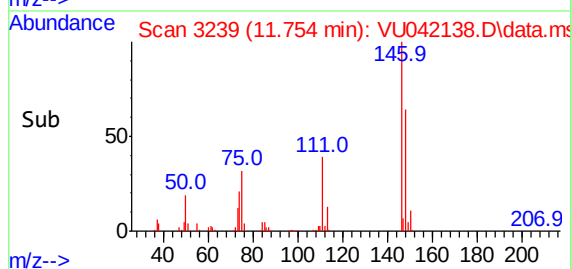
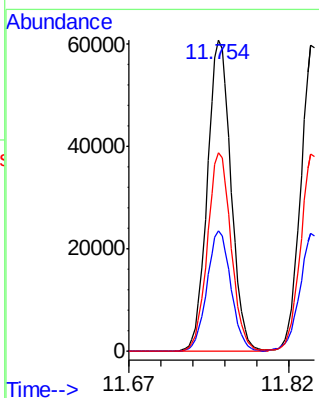
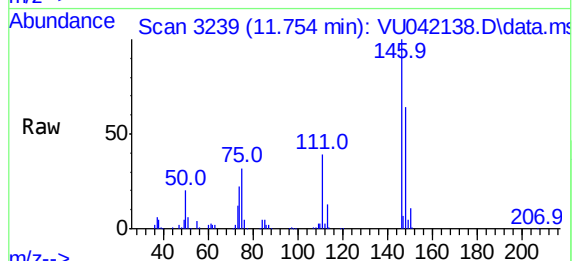




#62
1,3-Dichlorobenzene
Concen: 5.19 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

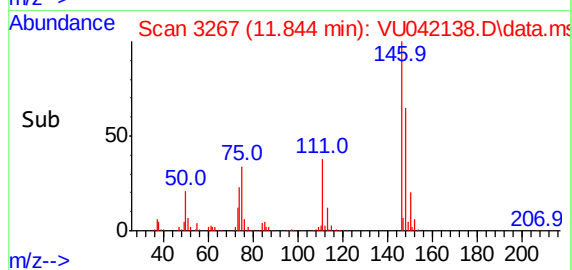
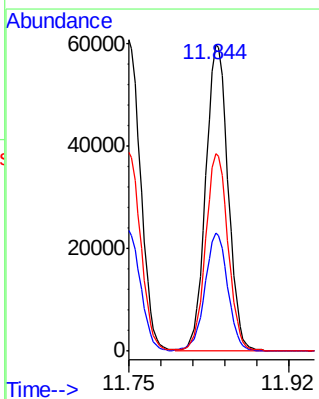
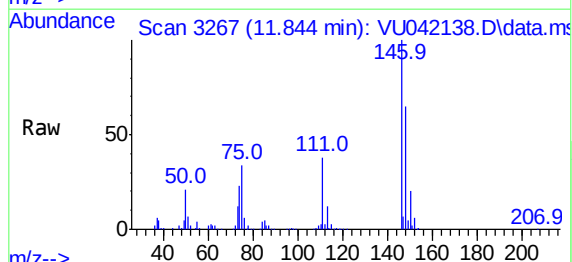
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

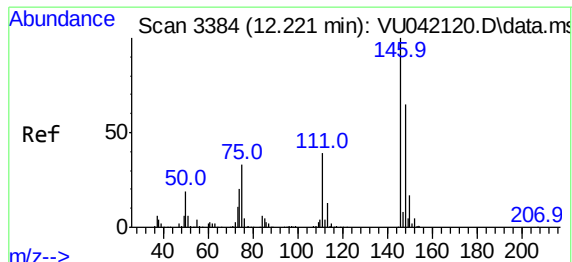
Tgt Ion:146 Resp: 96117
Ion Ratio Lower Upper
146 100
111 38.6 27.2 50.4
148 63.9 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.15 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion:146 Resp: 95457
Ion Ratio Lower Upper
146 100
111 38.4 25.8 47.8
148 64.6 44.1 81.9

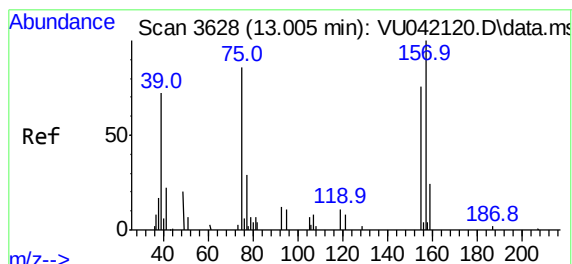
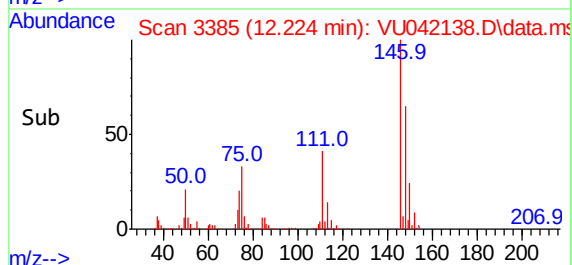
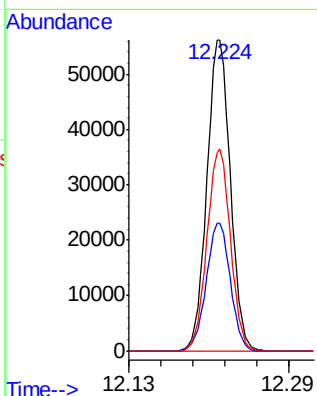
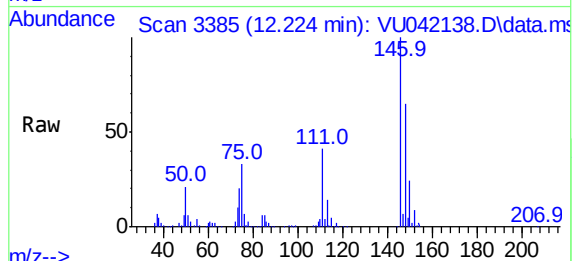




#65
1,2-Dichlorobenzene
Concen: 5.30 ug/L
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

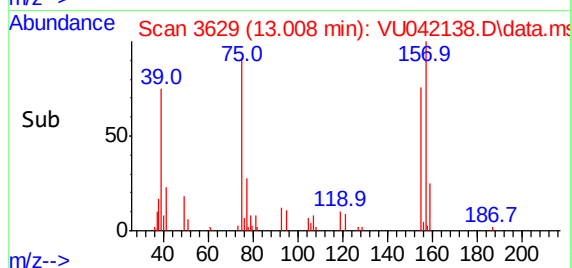
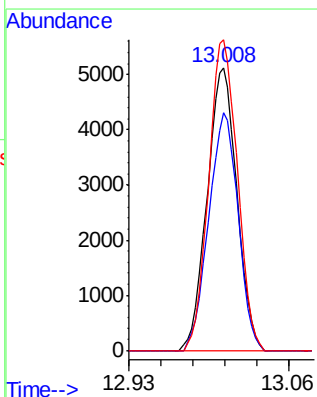
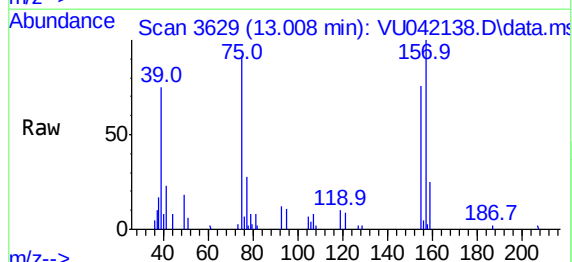
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

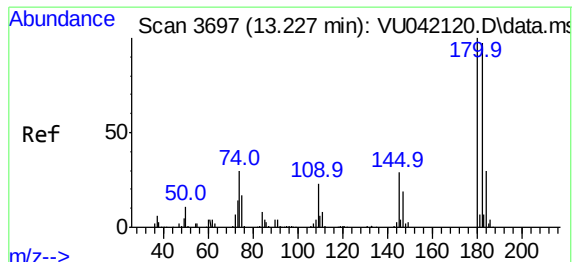
Tgt Ion:146 Resp: 91265
Ion Ratio Lower Upper
146 100
111 41.2 32.7 49.1
148 64.9 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 5.47 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion: 75 Resp: 8414
Ion Ratio Lower Upper
75 100
155 83.8 69.0 103.6
157 109.8 91.0 136.6

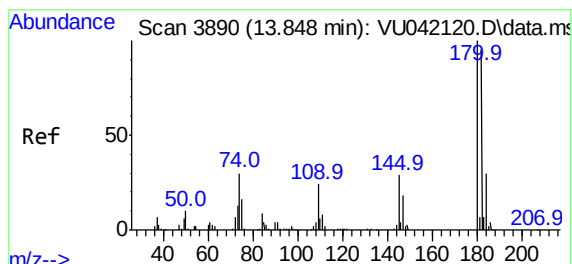
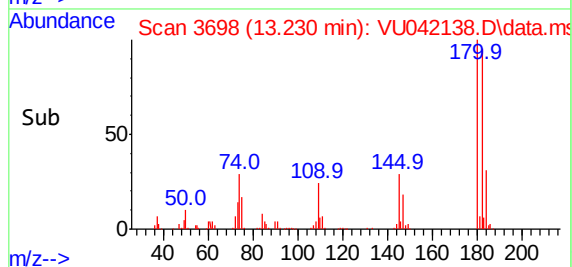
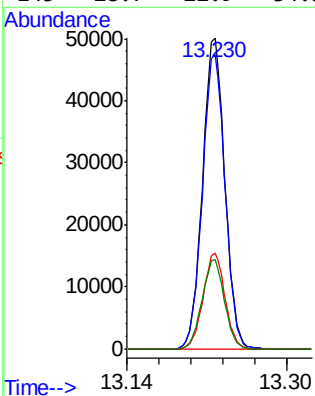
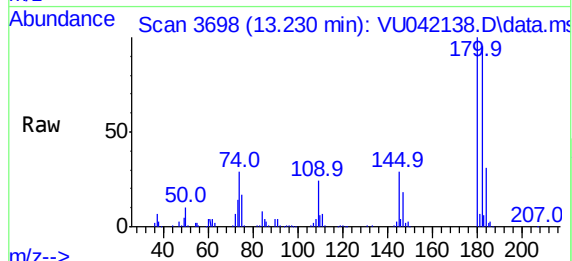




#67
1,3,5-Trichlorobenzene
Concen: 5.23 ug/L
RT: 13.230 min Scan# 3698
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

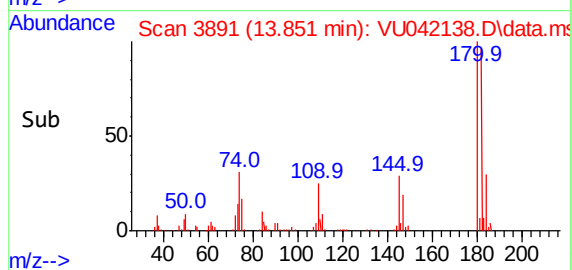
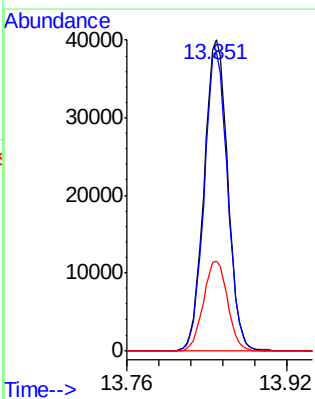
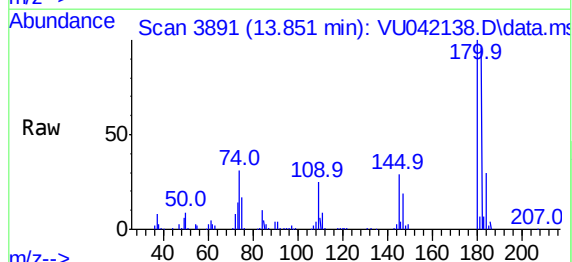
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

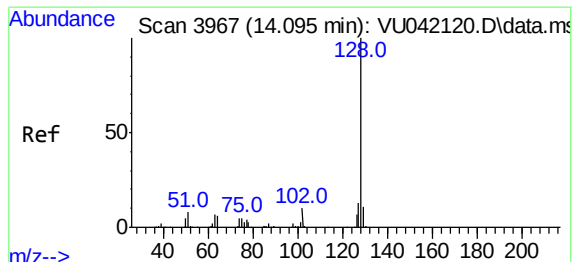
Tgt Ion:180 Resp: 77559
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
184 30.1 23.9 35.9
145 28.7 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 5.42 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion:180 Resp: 63570
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
145 29.0 23.7 35.5

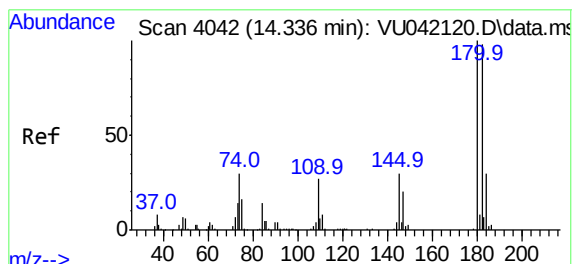
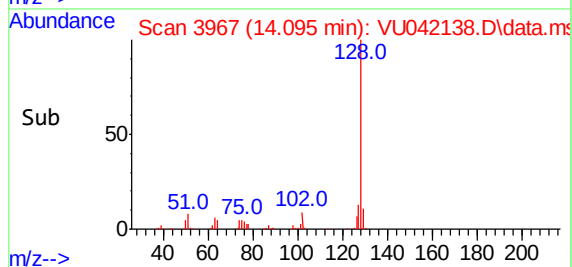
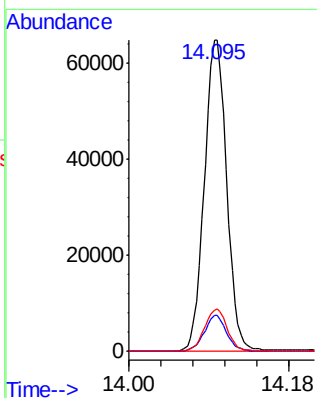
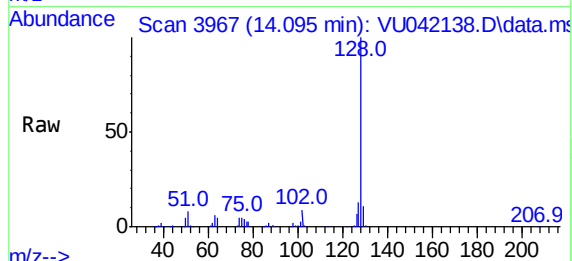




#69
Naphthalene
Concen: 6.29 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Tgt Ion:128 Resp: 107902
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.61 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU042138.D
Acq: 21 Jan 2021 09:55

Tgt Ion:180 Resp: 58283
Ion Ratio Lower Upper
180 100
182 95.6 75.6 113.4
145 30.8 24.7 37.1

