

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042184.D
 Acq On : 22 Jan 2021 20:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Jan 23 06:27:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	102118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	96056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53704	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26210	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	79.60%		
7) Chloroethane-d5	1.916	69	22699	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	85.60%		
11) 1,1-Dichloroethene-d2	2.575	63	66609	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	91.80%		
20) 2-Butanone-d5	4.642	46	119118	49.56	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	99.12%		
24) Chloroform-d	5.073	84	66498	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.60%		
26) 1,2-Dichloroethane-d4	5.710	65	38779	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.20%		
32) Benzene-d6	5.735	84	116439	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.80%		
36) 1,2-Dichloropropane-d6	6.700	67	37709	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	93.20%		
41) Toluene-d8	7.906	98	106892	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	90.20%		
43) trans-1,3-Dichloroprop...	8.185	79	17995	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	87.80%		
46) 2-Hexanone-d5	8.642	63	86245	48.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	96.60%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33950	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.80%		
64) 1,2-Dichlorobenzene-d4	12.201	152	45207	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	93.80%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	47619	4.95	ug/L	99
3) Chloromethane	1.520	50	41567	4.85	ug/L	99
5) Vinyl chloride	1.607	62	40571	4.94	ug/L	99
6) Bromomethane	1.861	94	17468	3.59	ug/L	98
8) Chloroethane	1.938	64	24281	5.09	ug/L	99
9) Trichlorofluoromethane	2.144	101	59878	5.37	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36357	5.05	ug/L	99
12) 1,1-Dichloroethene	2.584	96	34204	4.94	ug/L	91
13) Acetone	2.652	43	77925	48.67	ug/L	98
14) Carbon disulfide	2.800	76	114739	5.00	ug/L	99
15) Methyl Acetate	2.961	43	19888	5.27	ug/L	99
16) Methylene chloride	3.054	84	45193	5.54	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	98245	4.91	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	37238	5.06	ug/L	97
19) 1,1-Dichloroethane	3.880	63	71262	5.24	ug/L	97
21) 2-Butanone	4.723	43	135660	50.58	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	39445	5.02	ug/L	98
23) Bromochloromethane	4.983	128	18589	5.12	ug/L	92
25) Chloroform	5.099	83	72559	5.17	ug/L	100
27) 1,2-Dichloroethane	5.803	62	51583	5.18	ug/L	98

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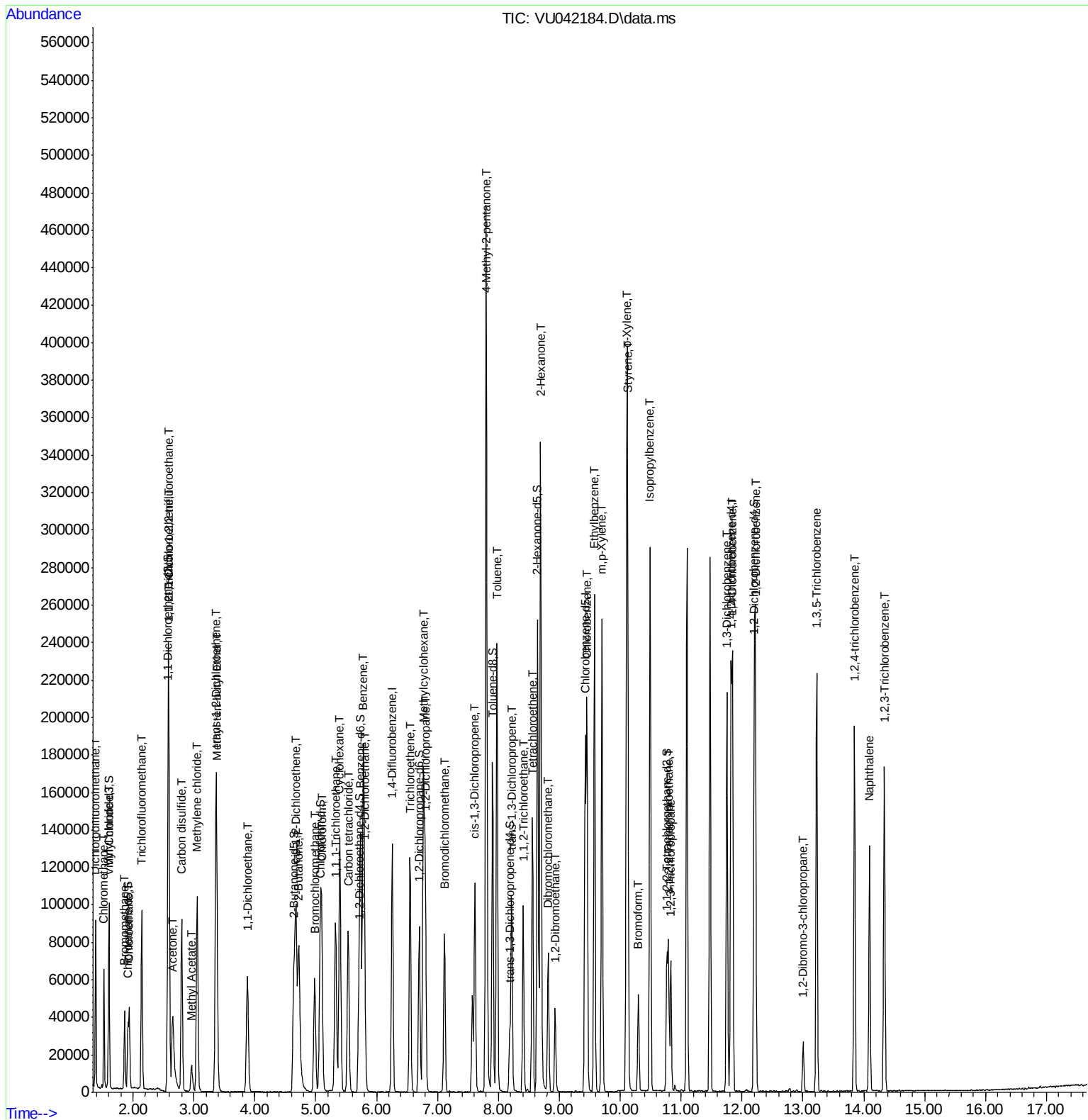
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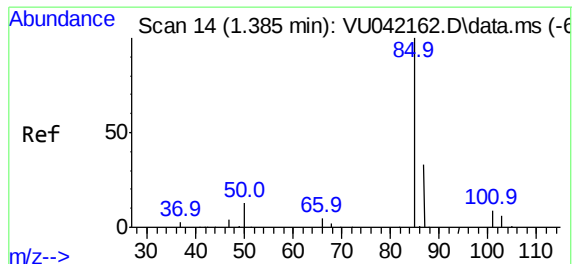
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	65487	5.17	ug/L	98
30) Cyclohexane	5.395	56	68551	5.04	ug/L	99
31) Carbon tetrachloride	5.533	117	57159	5.13	ug/L	98
33) Benzene	5.780	78	148031	5.23	ug/L	100
34) Trichloroethene	6.549	95	39868	5.23	ug/L	96
35) Methylcyclohexane	6.771	83	63434	4.96	ug/L	100
37) 1,2-Dichloropropane	6.800	63	38935	5.23	ug/L	100
38) Bromodichloromethane	7.115	83	53966	5.25	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	60400	4.93	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	327193	51.39	ug/L	100
42) Toluene	7.976	91	160998	5.26	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	53872	4.80	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	28716	5.21	ug/L	97
47) Tetrachloroethene	8.562	164	32113	5.07	ug/L	95
48) 2-Hexanone	8.693	43	238483	53.87	ug/L	97
49) Dibromochloromethane	8.819	129	36641	5.00	ug/L	100
50) 1,2-Dibromoethane	8.931	107	28900	5.08	ug/L	97
51) Chlorobenzene	9.456	112	101503	5.19	ug/L	100
52) Ethylbenzene	9.578	91	180119	5.13	ug/L	100
53) m,p-Xylene	9.700	106	68396	5.21	ug/L	100
54) o-Xylene	10.108	106	66068	5.19	ug/L	98
55) Styrene	10.121	104	113037	5.15	ug/L	97
56) Isopropylbenzene	10.491	105	180819	5.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	36472	5.18	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	27112	5.16	ug/L	98
61) Bromoform	10.298	173	23034	4.74	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	83362	4.97	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	83761	5.00	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	79935	5.13	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	6568	4.72	ug/L	92
67) 1,3,5-Trichlorobenzene	13.227	180	67234	5.01	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	58040	5.47	ug/L	100
69) Naphthalene	14.095	128	101802	6.56	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	52661	5.61	ug/L	99

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

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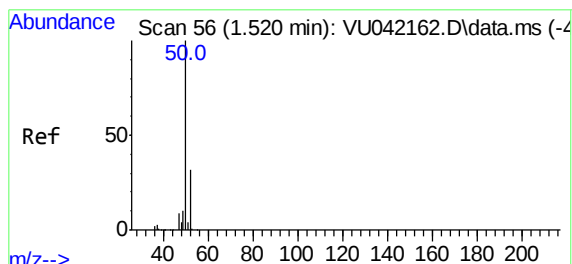
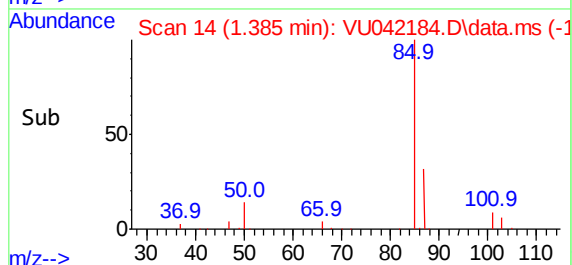
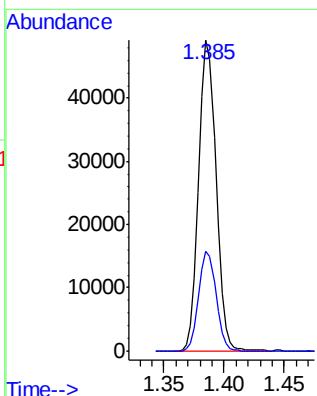
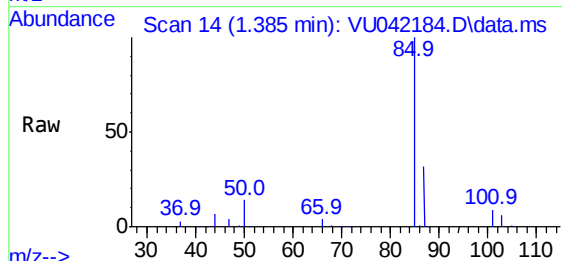




#2
Dichlorodifluoromethane
Concen: 4.95 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

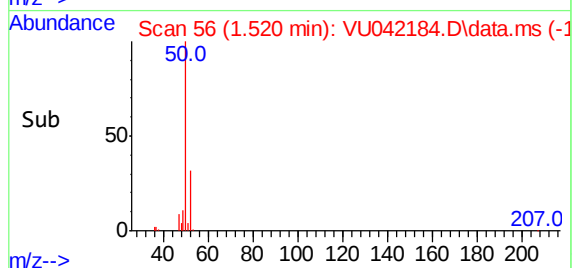
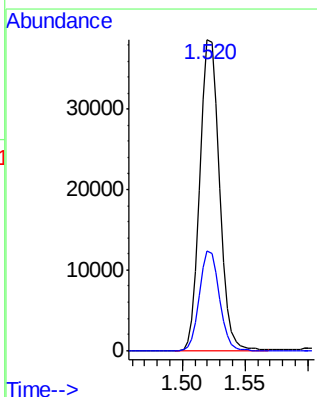
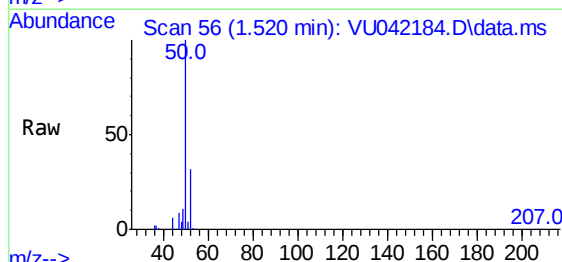
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ClientSampleId :
VSTD00525

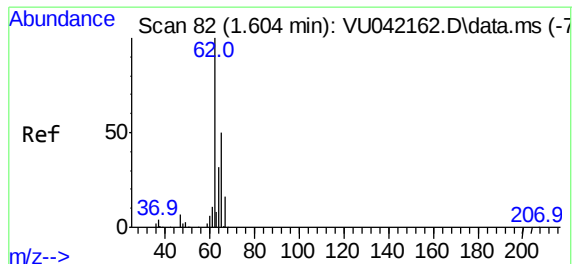
Tgt Ion: 85 Resp: 47619
Ion Ratio Lower Upper
85 100
87 31.9 26.1 39.1



#3
Chloromethane
Concen: 4.85 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 50 Resp: 41567
Ion Ratio Lower Upper
50 100
52 32.1 23.0 42.8

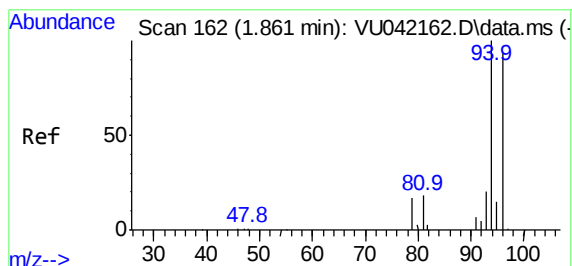
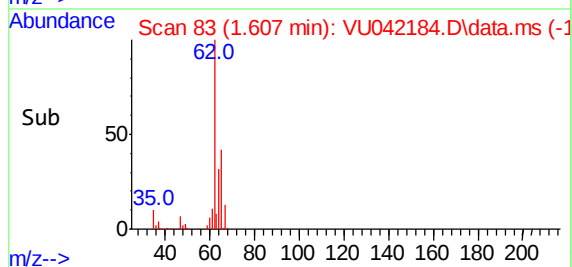
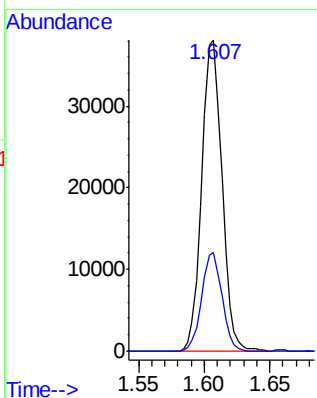
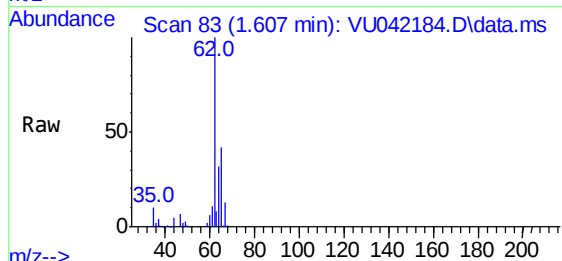




#5
 Vinyl chloride
 Concen: 4.94 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU042184.D
 Acq: 22 Jan 2021 20:59

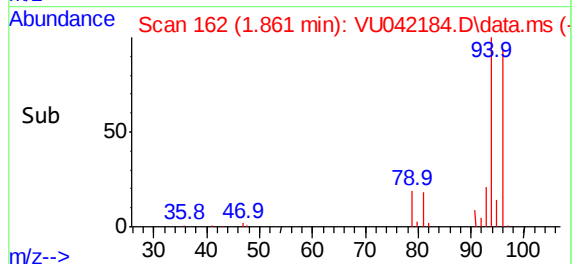
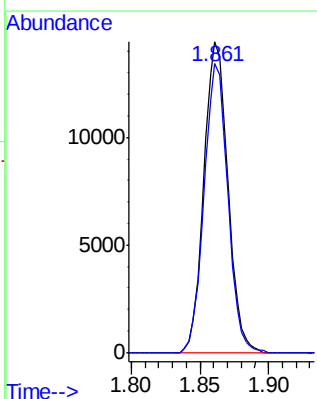
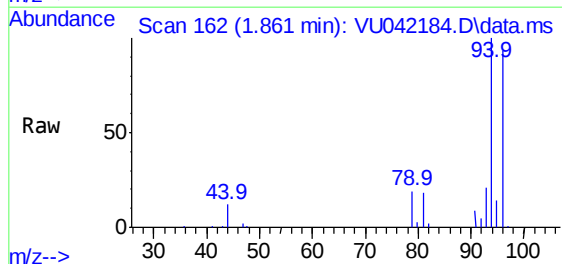
Instrument :
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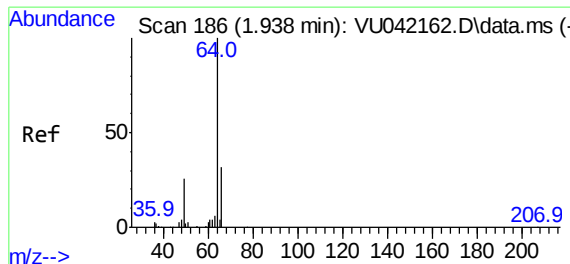
Tgt Ion: 62 Resp: 40571
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.7 42.1



#6
 Bromomethane
 Concen: 3.59 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU042184.D
 Acq: 22 Jan 2021 20:59

Tgt Ion: 94 Resp: 17468
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.5 123.5

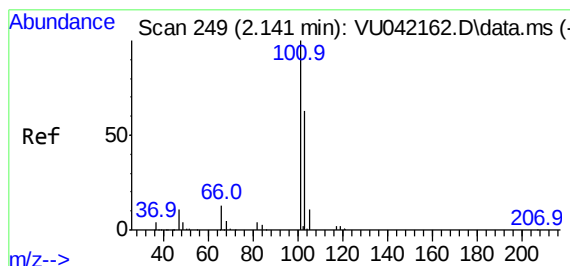
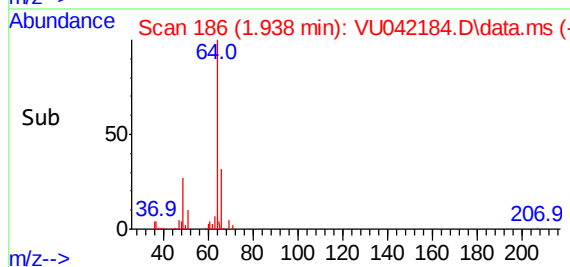
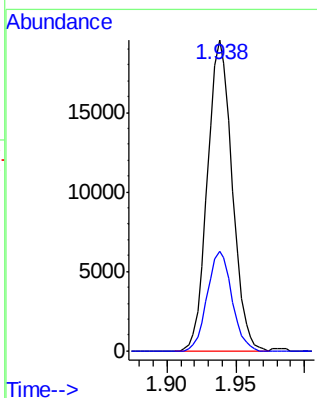
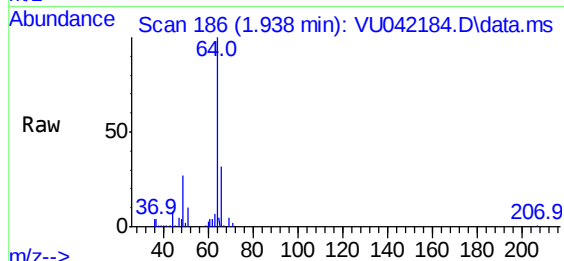




#8
Chloroethane
Concen: 5.09 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

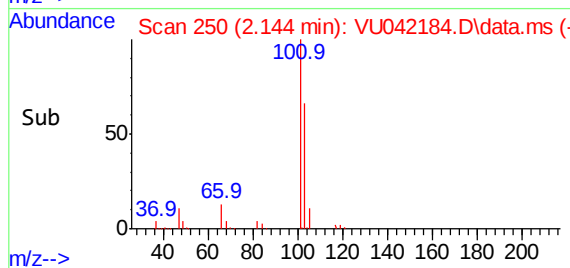
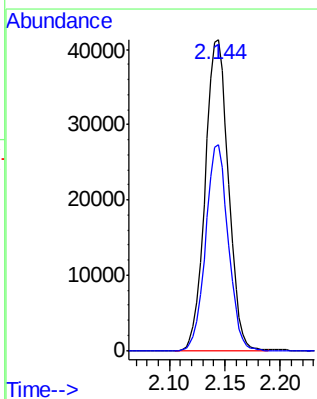
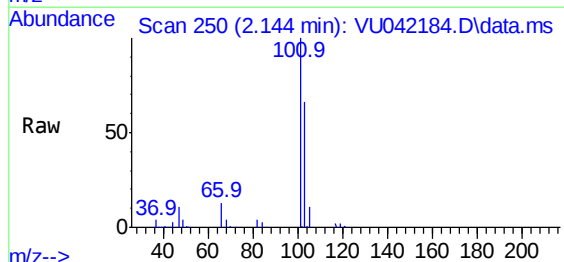
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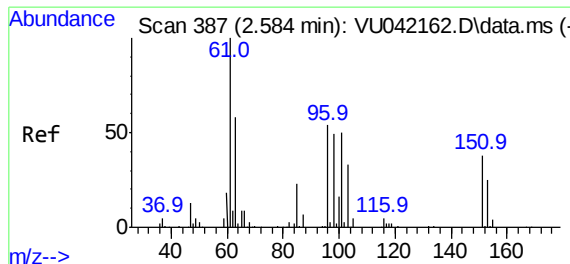
Tgt Ion: 64 Resp: 24281
Ion Ratio Lower Upper
64 100
66 32.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.37 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion:101 Resp: 59878
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

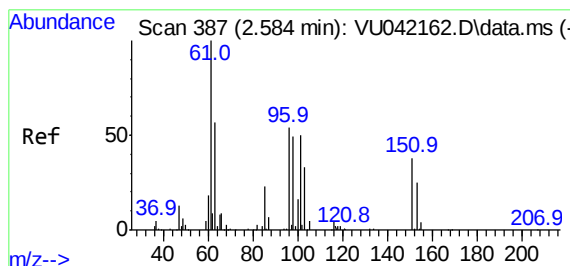
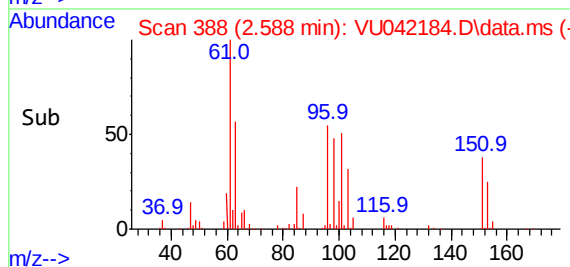
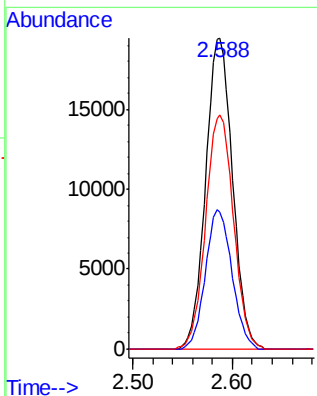
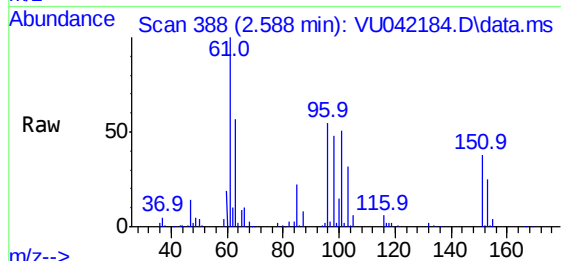




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.05 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU042184.D
 Acq: 22 Jan 2021 20:59

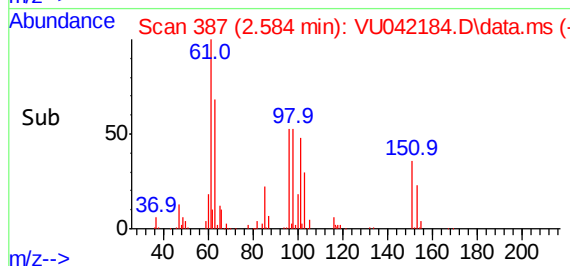
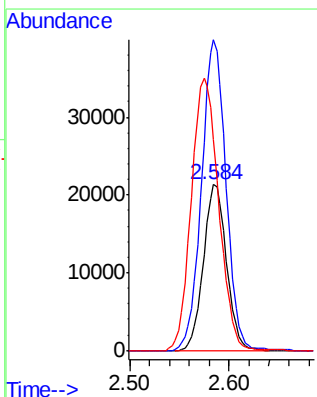
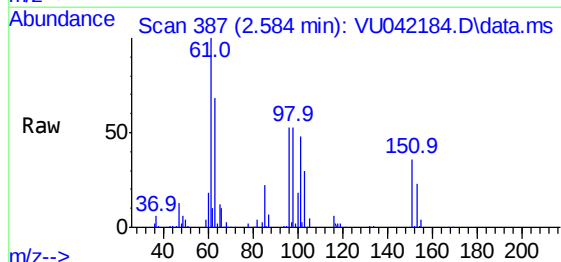
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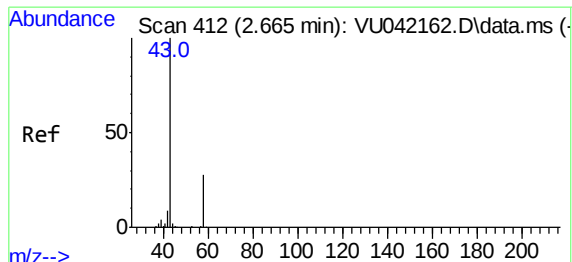
Tgt Ion:101 Resp: 36357
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.6 51.8
 151 78.1 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.94 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU042184.D
 Acq: 22 Jan 2021 20:59

Tgt Ion: 96 Resp: 34204
 Ion Ratio Lower Upper
 96 100
 61 187.7 126.2 234.4
 63 127.1 77.8 144.4

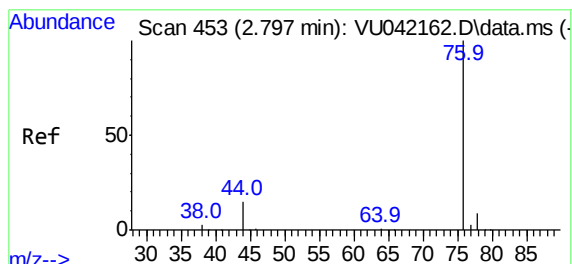
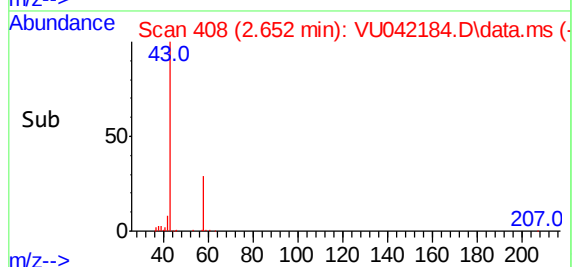
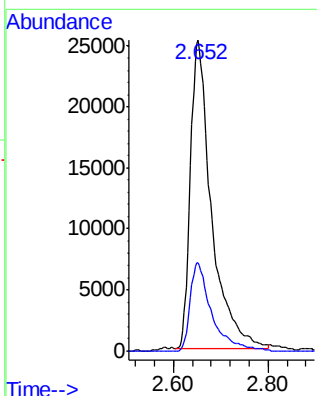
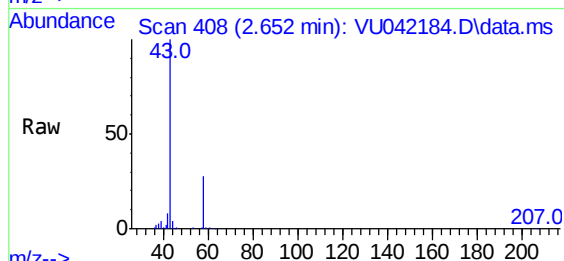




#13
Acetone
Concen: 48.67 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.013 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

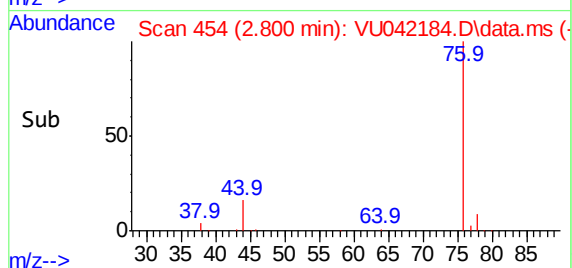
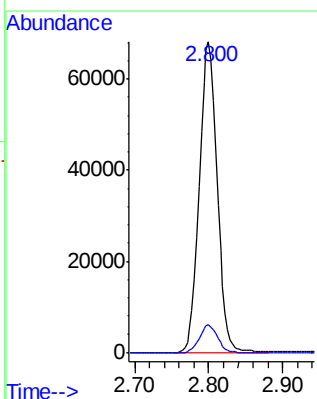
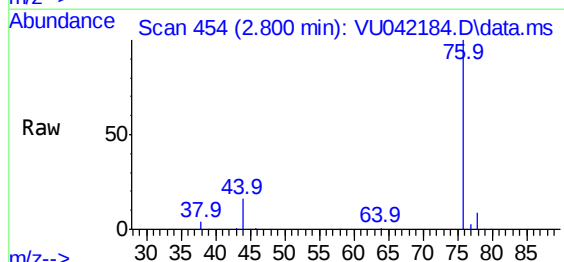
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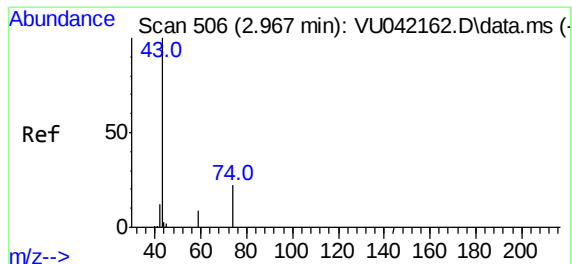
Tgt Ion: 43 Resp: 77925
Ion Ratio Lower Upper
43 100
58 28.9 0.0 55.8



#14
Carbon disulfide
Concen: 5.00 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 76 Resp: 114739
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

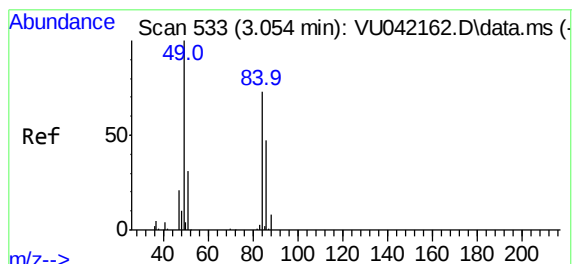
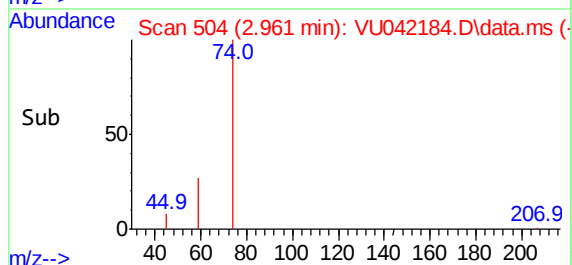
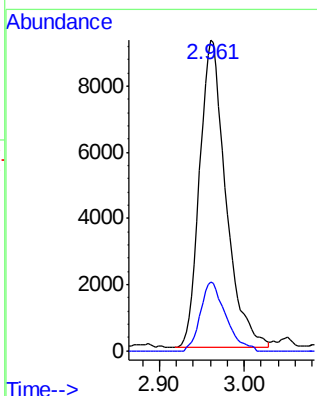
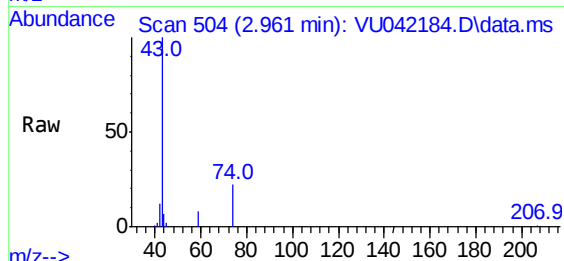




#15
Methyl Acetate
Concen: 5.27 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.006 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

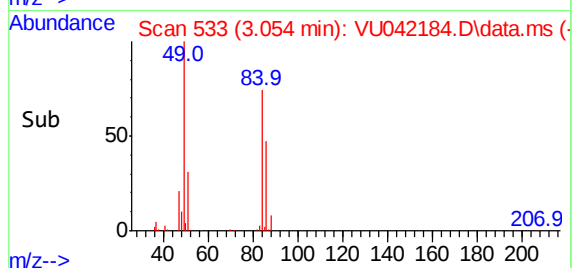
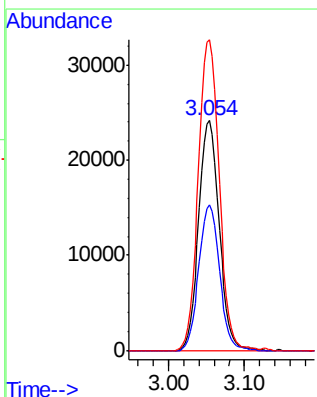
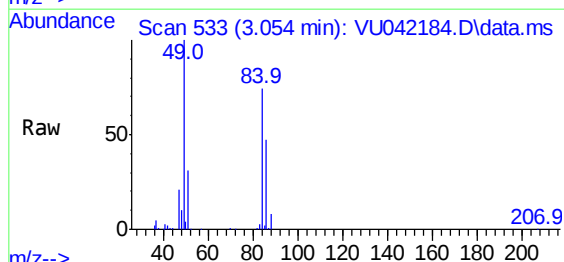
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

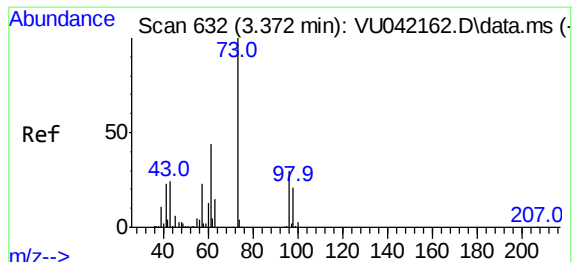
Tgt Ion: 43 Resp: 19888
Ion Ratio Lower Upper
43 100
74 21.5 16.9 25.3



#16
Methylene chloride
Concen: 5.54 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 84 Resp: 45193
Ion Ratio Lower Upper
84 100
86 63.3 44.1 81.9
49 135.2 95.0 176.4

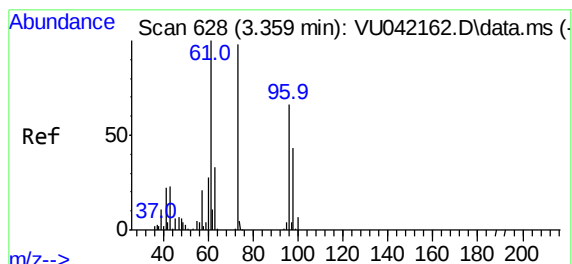
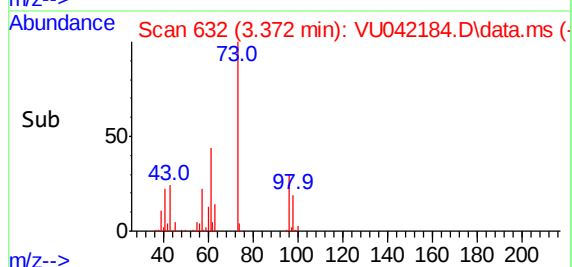
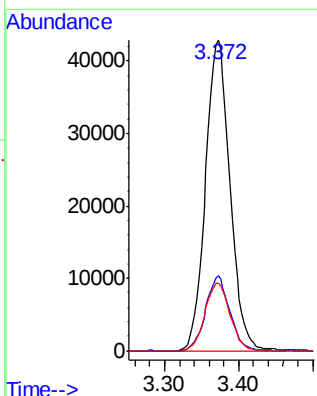
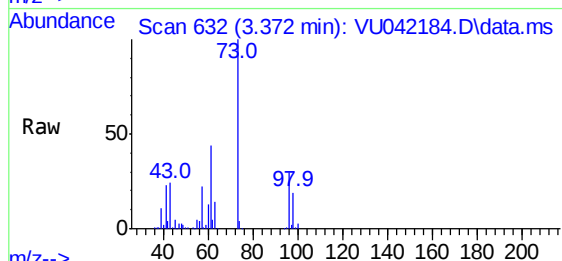




#17
Methyl tert-butyl Ether
Concen: 4.91 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

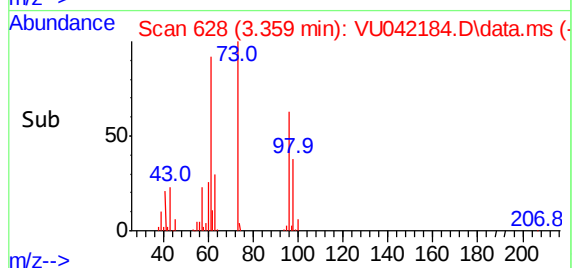
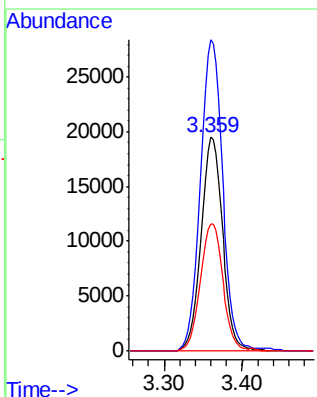
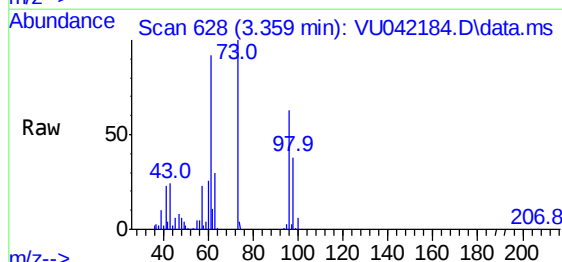
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

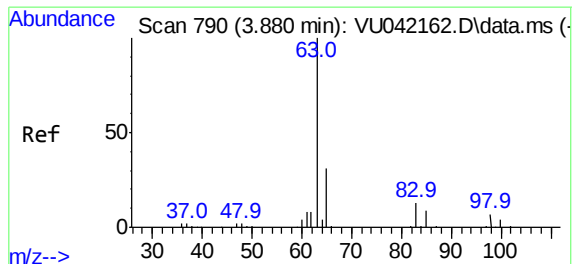
Tgt Ion: 73 Resp: 98245
Ion Ratio Lower Upper
73 100
43 23.8 18.9 28.3
57 22.5 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 5.06 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 96 Resp: 37238
Ion Ratio Lower Upper
96 100
61 145.9 105.7 196.3
98 59.7 42.8 79.6

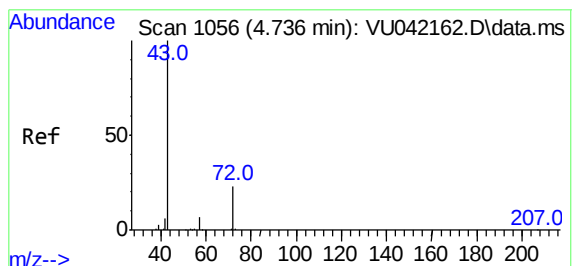
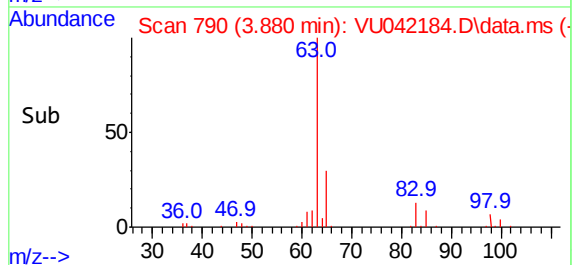
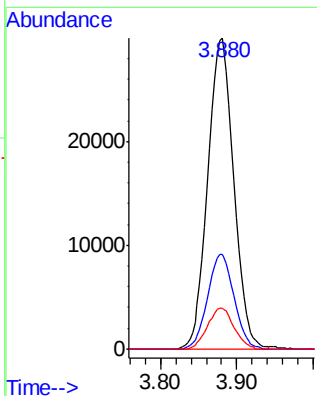
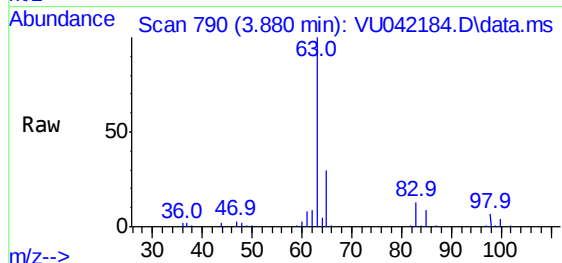




#19
1,1-Dichloroethane
Concen: 5.24 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

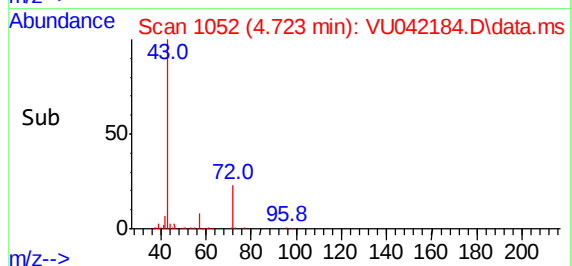
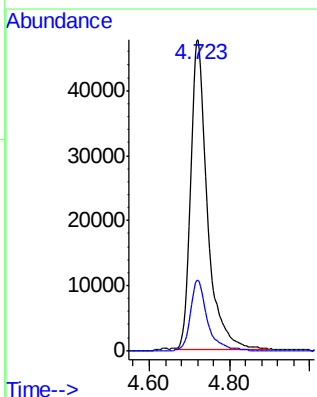
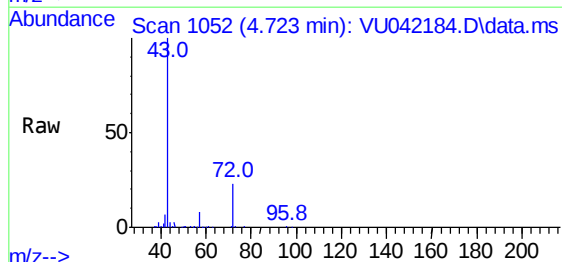
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

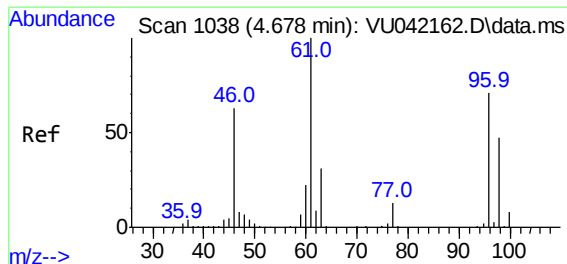
Tgt Ion: 63 Resp: 71262
Ion Ratio Lower Upper
63 100
65 30.3 22.5 41.9
83 13.1 10.1 18.7



#21
2-Butanone
Concen: 50.58 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.013 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 43 Resp: 135660
Ion Ratio Lower Upper
43 100
72 23.1 11.7 35.1



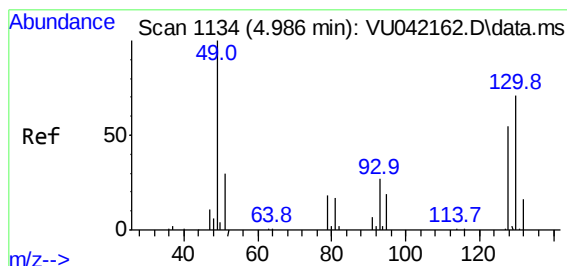
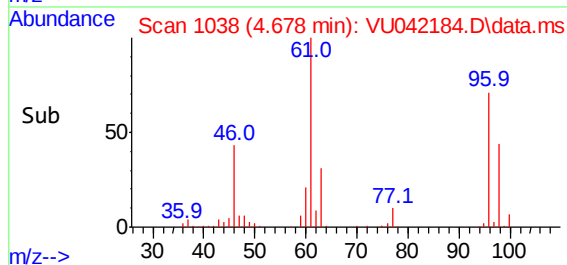
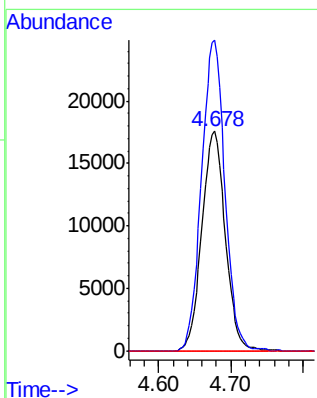
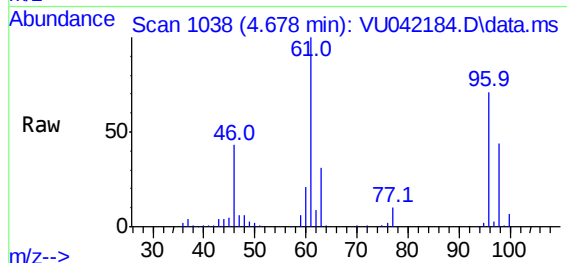


#22
cis-1,2-Dichloroethene
Concen: 5.02 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion: 96 Resp: 39445

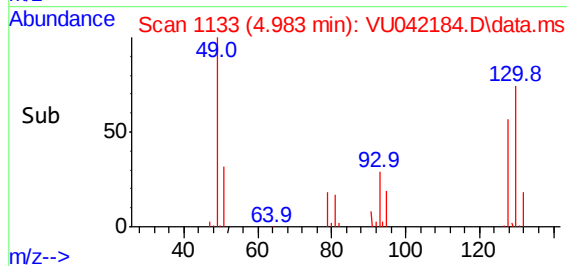
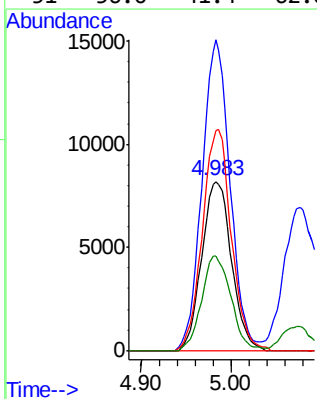
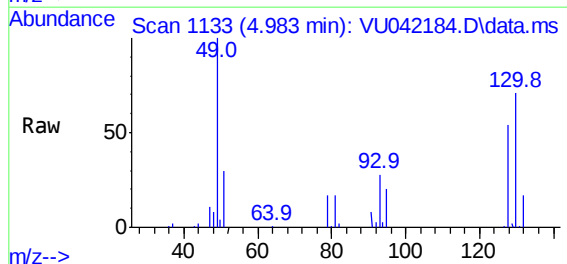
Ion	Ratio	Lower	Upper
96	100		
61	141.6	97.8	181.6
68	0.0	0.0	0.0

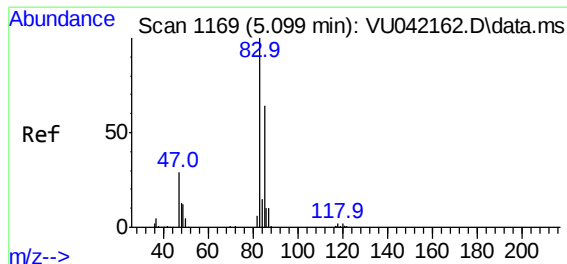


#23
Bromochloromethane
Concen: 5.12 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 128 Resp: 18589

Ion	Ratio	Lower	Upper
128	100		
49	183.6	117.7	218.7
130	129.9	87.9	163.3
51	56.0	41.4	62.0

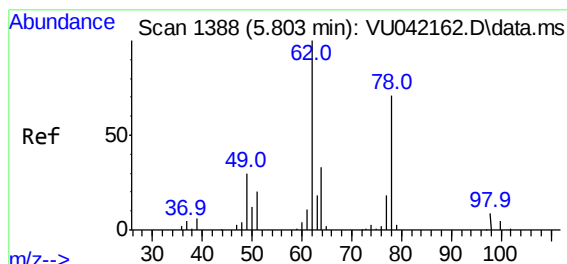
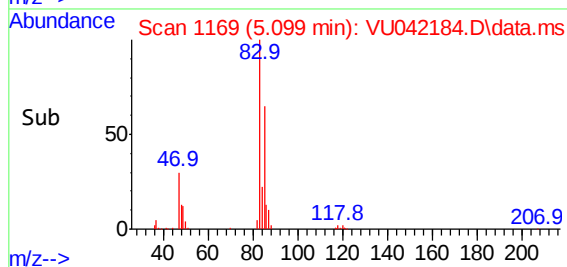
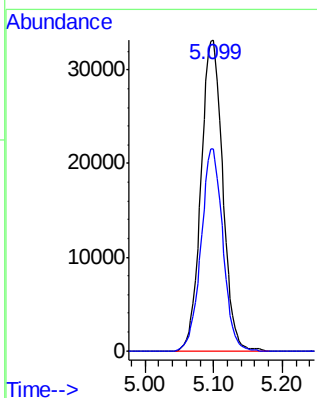
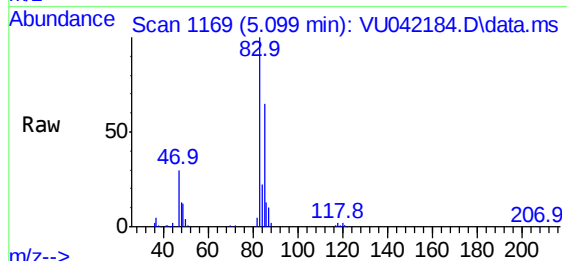




#25
Chloroform
Concen: 5.17 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

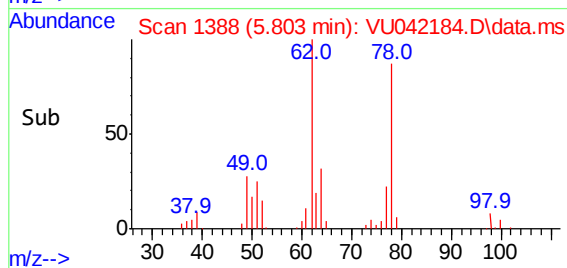
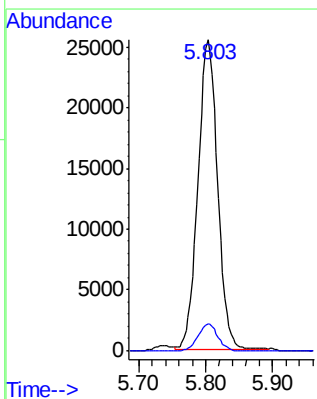
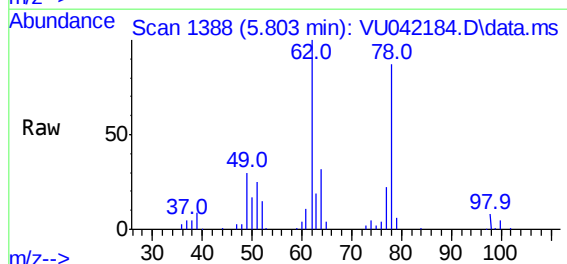
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

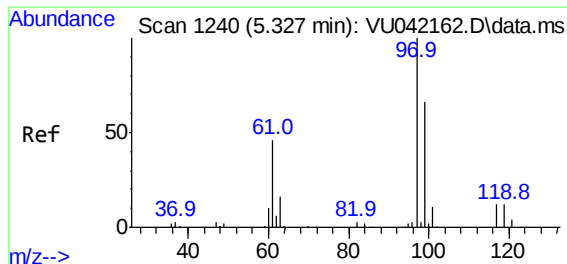
Tgt Ion: 83 Resp: 72559
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.18 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 62 Resp: 51583
Ion Ratio Lower Upper
62 100
98 8.5 7.3 10.9

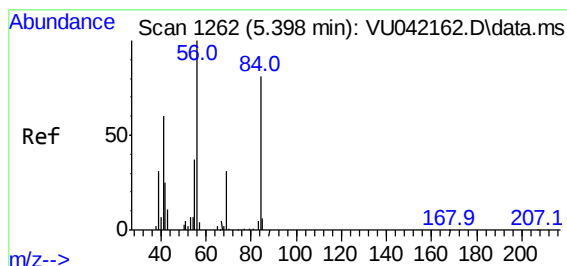
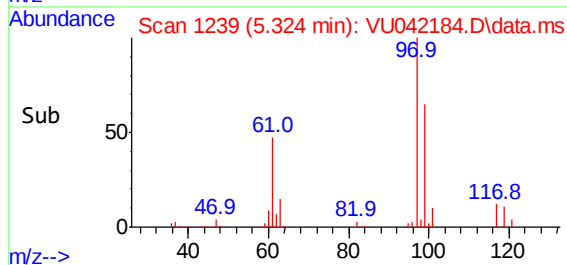
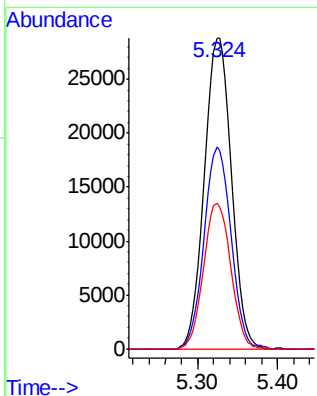
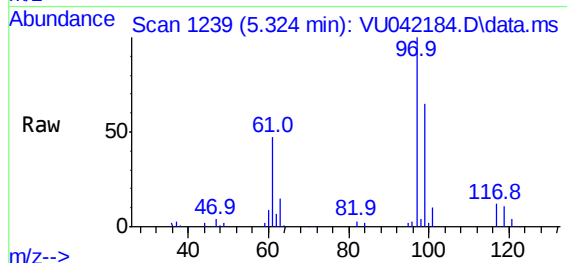




#29
1,1,1-Trichloroethane
Concen: 5.17 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

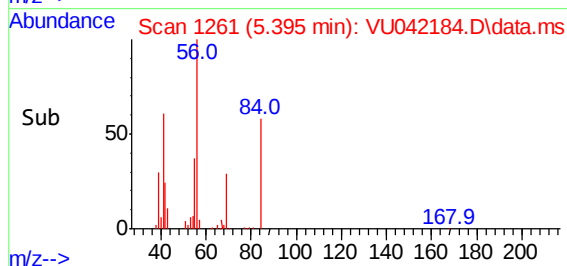
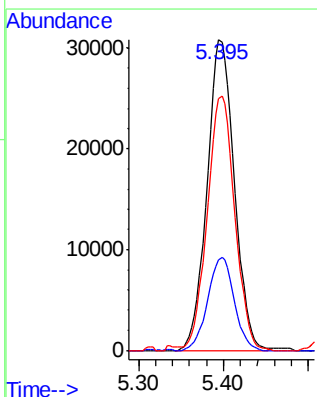
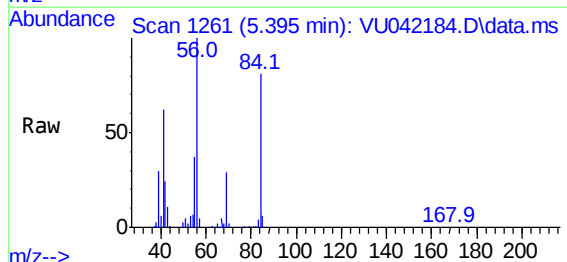
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

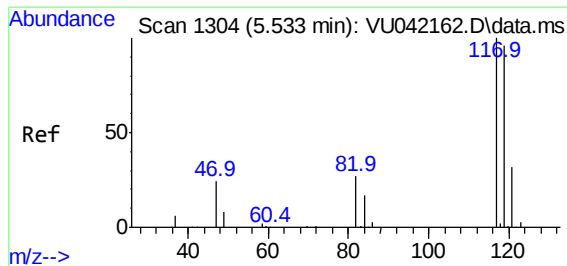
Tgt Ion: 97 Resp: 65487
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 47.0 35.8 53.6



#30
Cyclohexane
Concen: 5.04 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 56 Resp: 68551
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 82.7 65.3 97.9

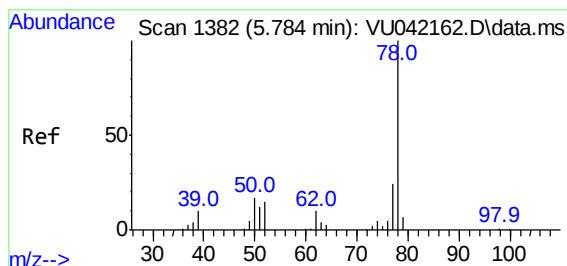
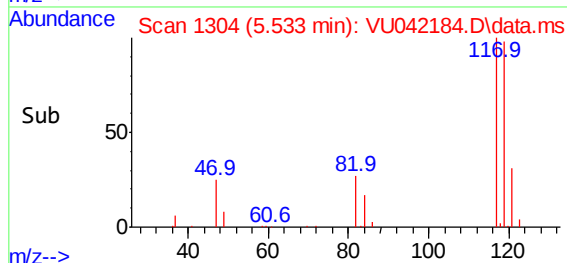
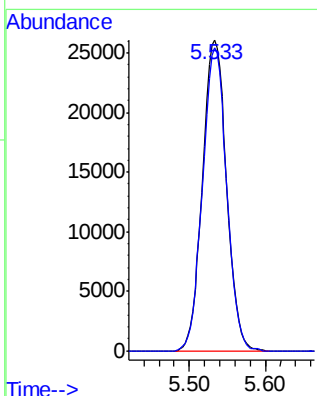
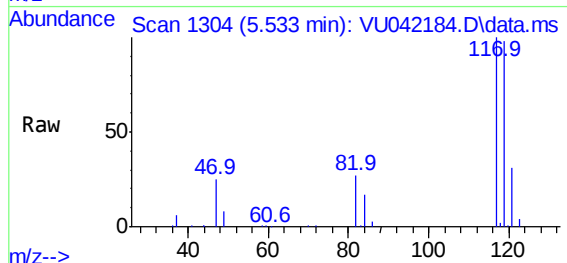




#31
Carbon tetrachloride
Concen: 5.13 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

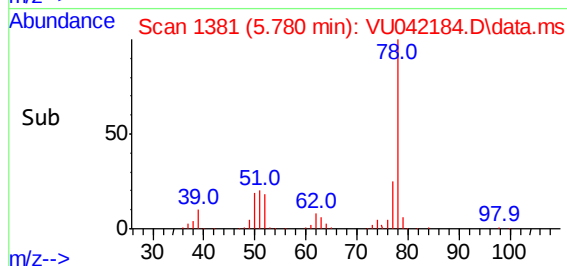
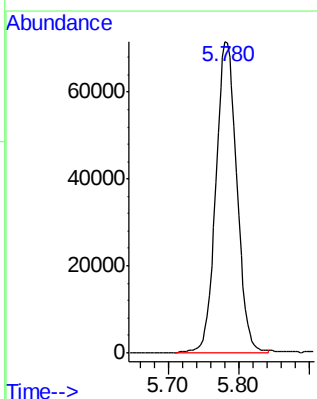
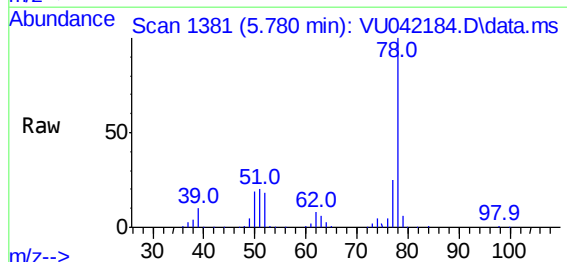
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

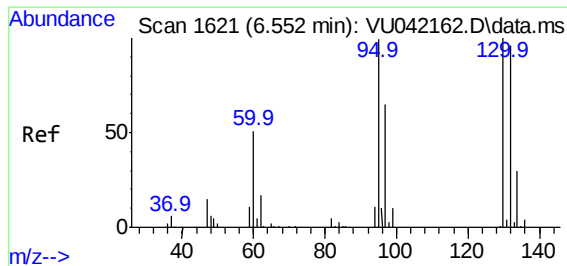
Tgt Ion:117 Resp: 57159
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4



#33
Benzene
Concen: 5.23 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 78 Resp: 148031

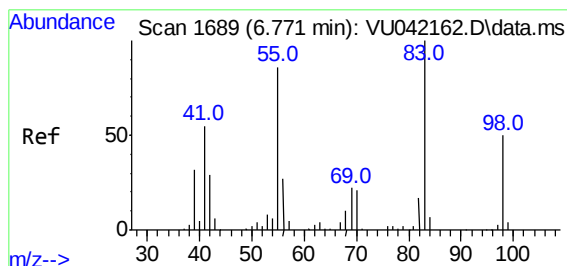
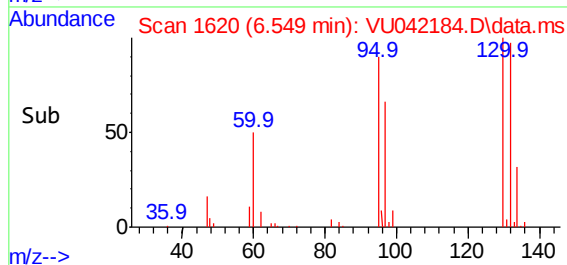
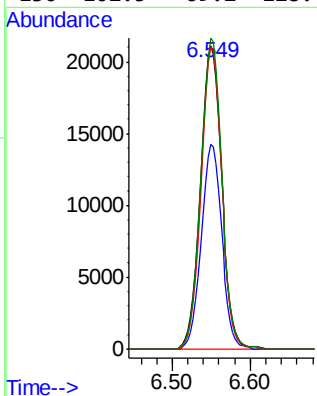
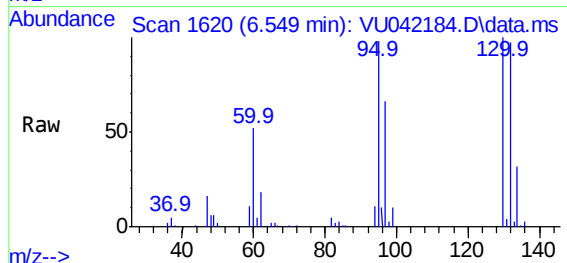




#34
Trichloroethene
Concen: 5.23 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

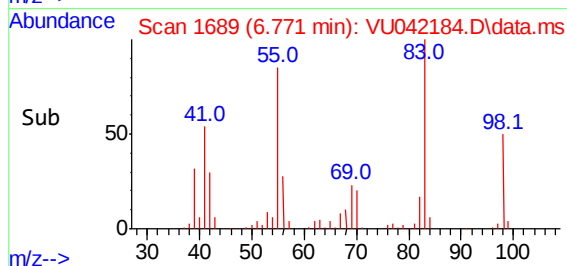
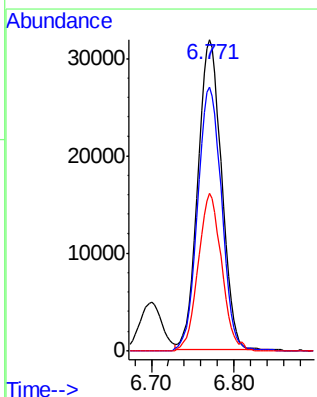
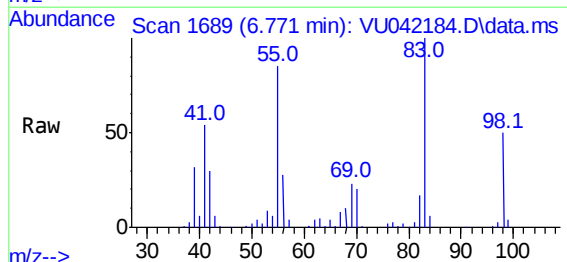
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

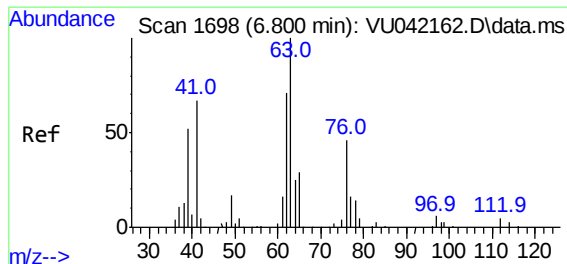
Tgt Ion: 95 Resp: 39868
Ion Ratio Lower Upper
95 100
97 67.4 44.4 82.4
132 99.8 68.0 126.4
130 102.5 69.2 128.4



#35
Methylcyclohexane
Concen: 4.96 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 83 Resp: 63434
Ion Ratio Lower Upper
83 100
55 85.8 68.2 102.4
98 49.9 39.7 59.5

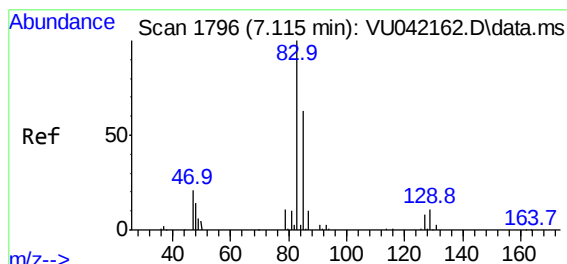
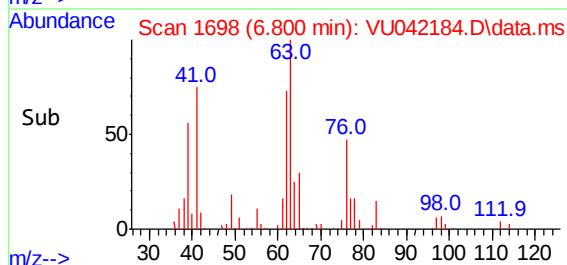
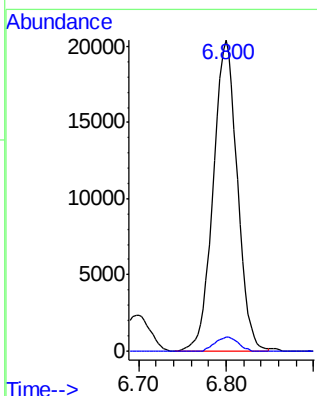
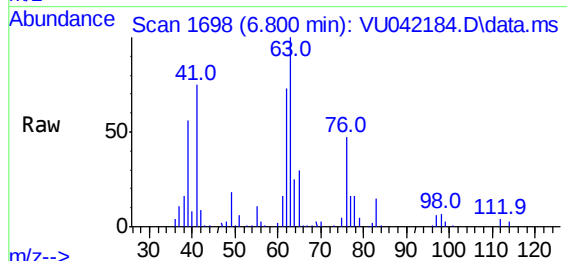




#37
1,2-Dichloropropane
Concen: 5.23 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

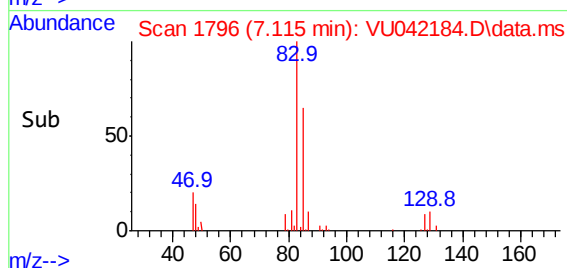
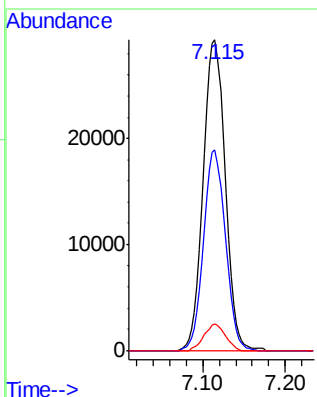
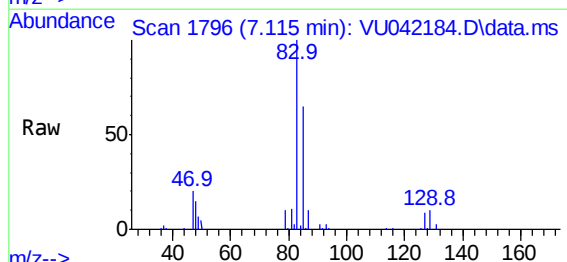
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

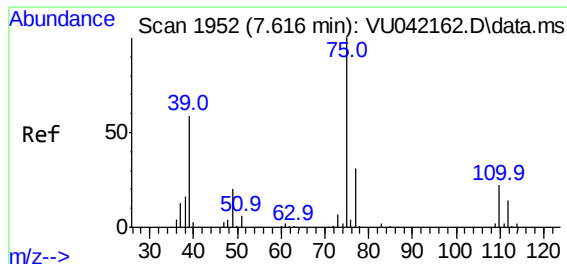
Tgt Ion: 63 Resp: 38935
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 5.25 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 83 Resp: 53966
Ion Ratio Lower Upper
83 100
85 64.6 46.0 85.4
127 8.6 6.8 10.2

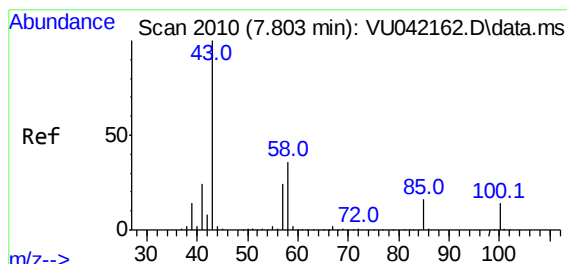
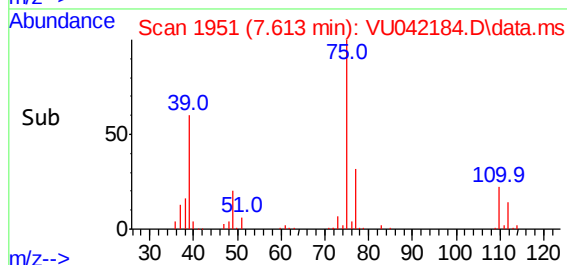
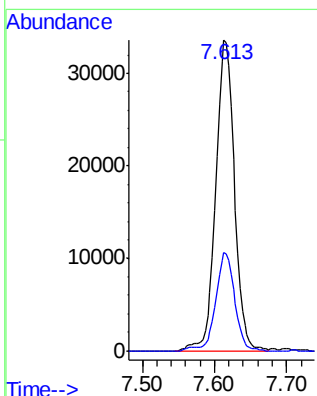
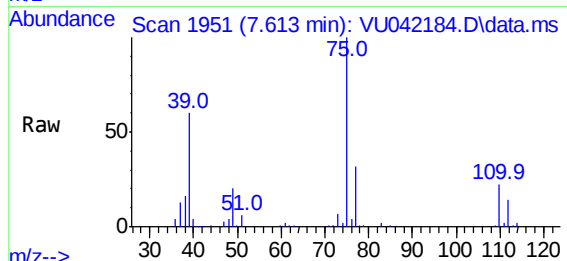




#39
cis-1,3-Dichloropropene
Concen: 4.93 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

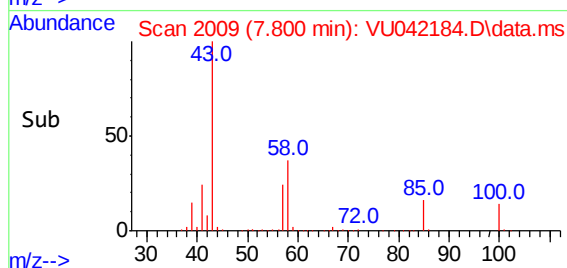
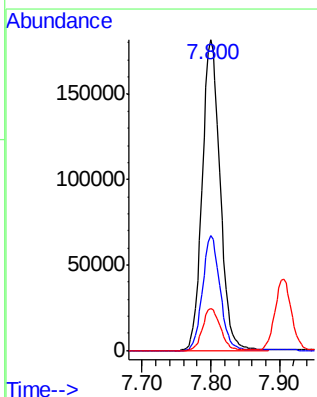
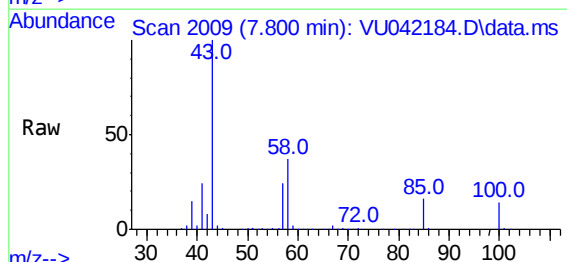
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

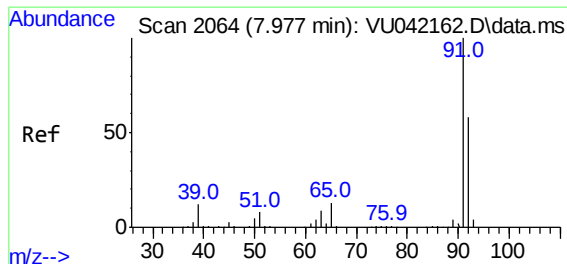
Tgt Ion: 75 Resp: 60400
Ion Ratio Lower Upper
75 100
77 31.6 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 51.39 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 43 Resp: 327193
Ion Ratio Lower Upper
43 100
58 36.3 29.1 43.7
100 13.4 11.0 16.4

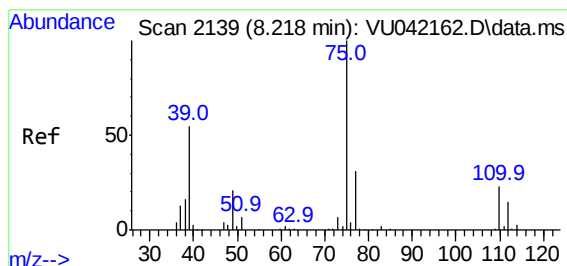
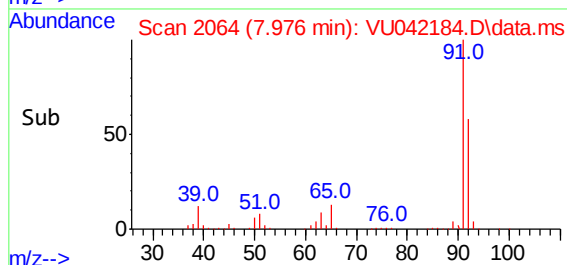
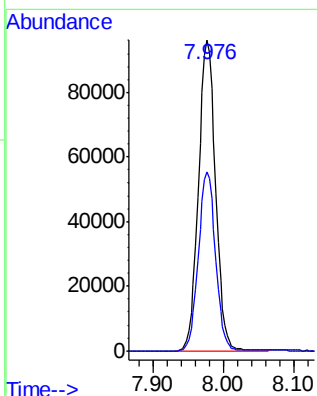
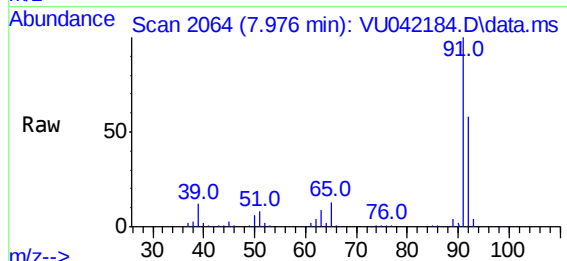




#42
Toluene
Concen: 5.26 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

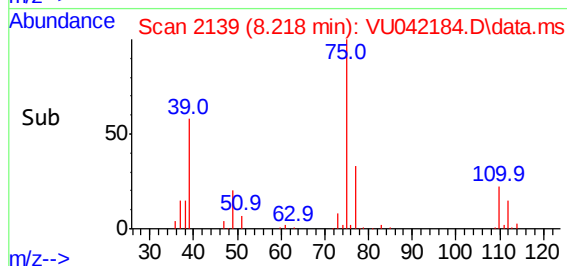
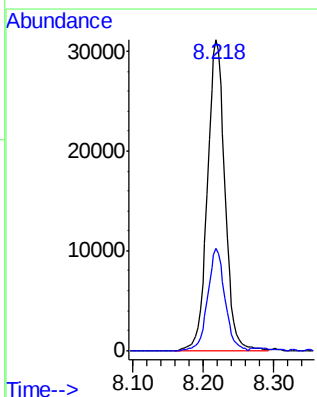
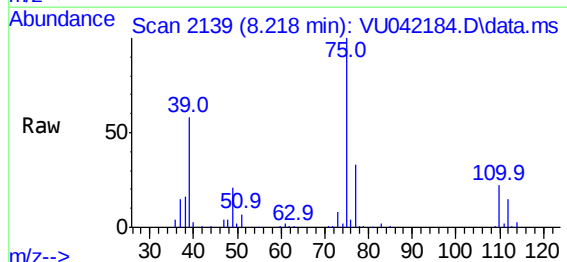
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

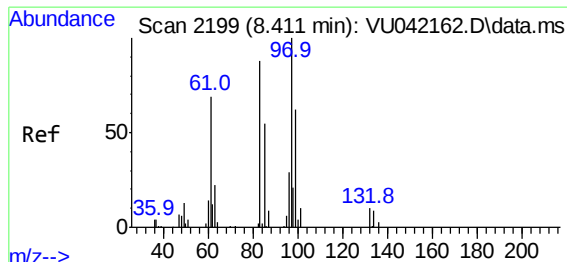
Tgt Ion: 91 Resp: 160998
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.80 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 75 Resp: 53872
Ion Ratio Lower Upper
75 100
77 32.7 21.8 40.4



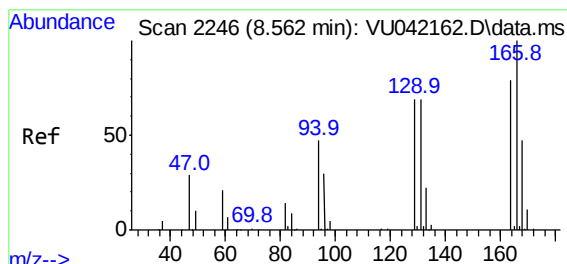
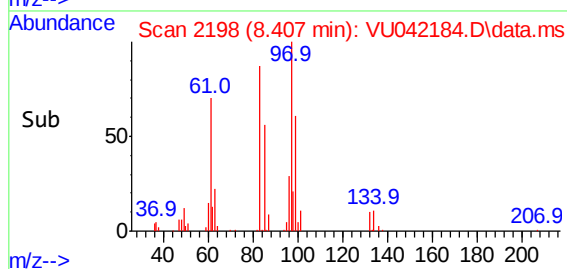
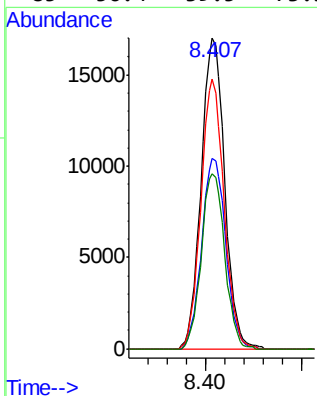
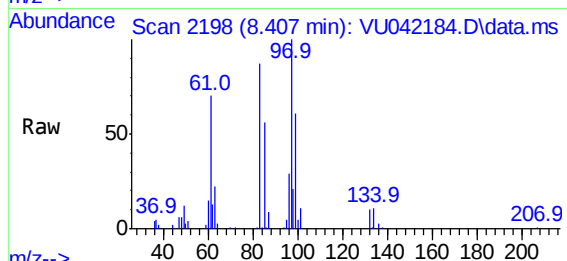


#45
1,1,2-Trichloroethane
Concen: 5.21 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion: 97 Resp: 28716

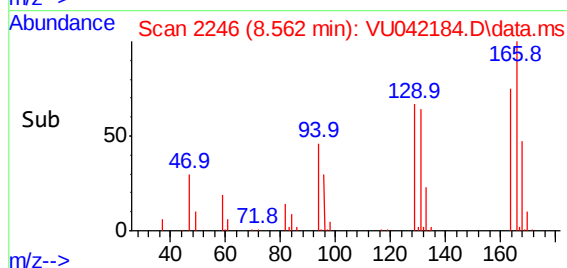
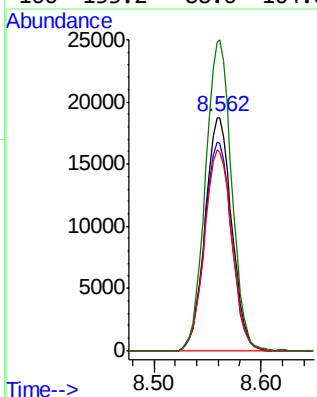
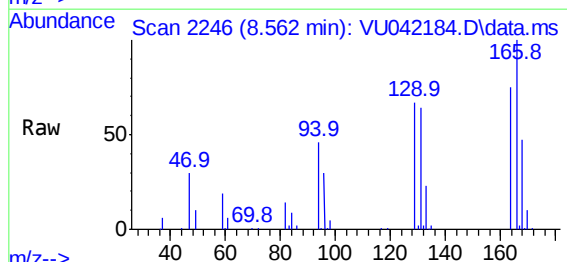
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.0	81.8
83	86.7	57.6	107.0
85	56.4	39.5	73.3

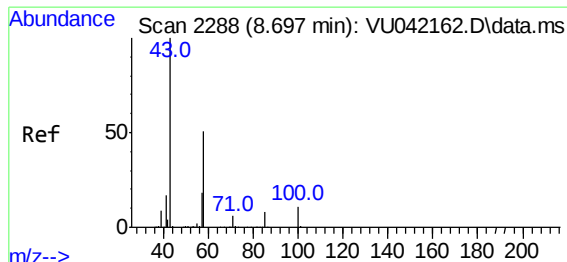


#47
Tetrachloroethene
Concen: 5.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 164 Resp: 32113

Ion	Ratio	Lower	Upper
164	100		
129	88.6	64.3	119.5
131	84.9	62.2	115.6
166	133.2	88.6	164.6



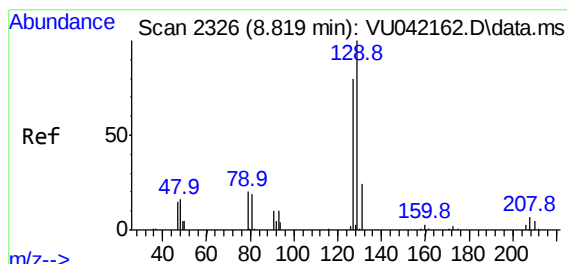
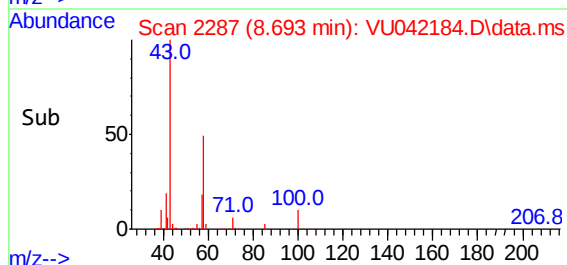
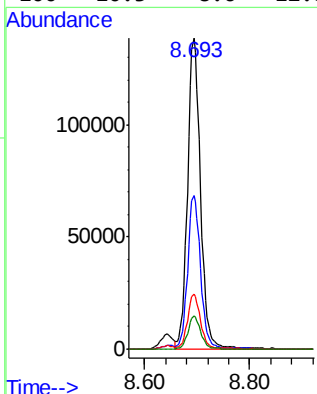
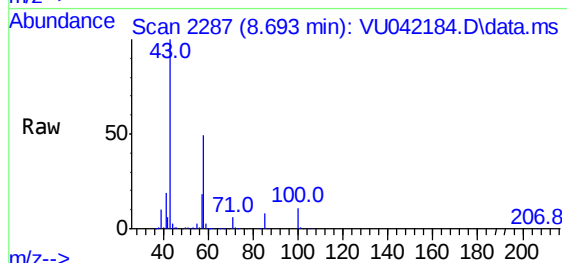


#48
2-Hexanone
Concen: 53.87 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion: 43 Resp: 238483

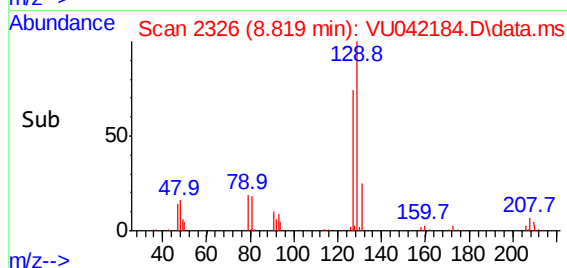
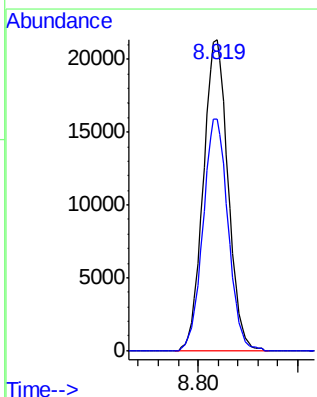
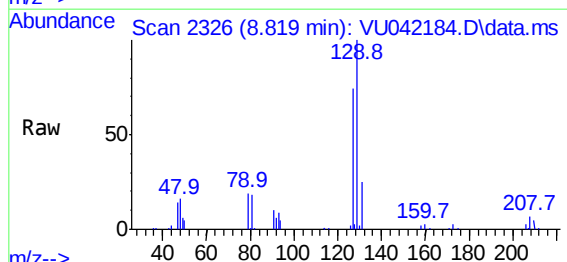
Ion	Ratio	Lower	Upper
43	100		
58	48.8	40.6	61.0
57	17.4	14.9	22.3
100	10.3	8.6	12.8

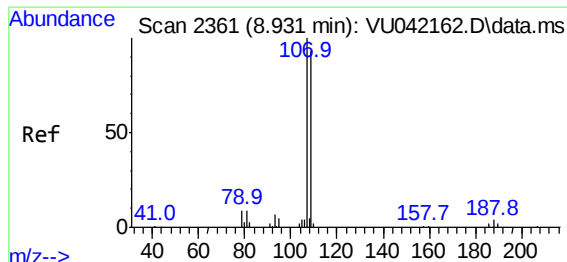


#49
Dibromochloromethane
Concen: 5.00 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 129 Resp: 36641

Ion	Ratio	Lower	Upper
129	100		
127	74.5	52.3	97.1

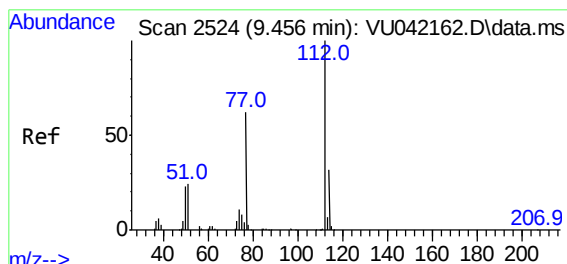
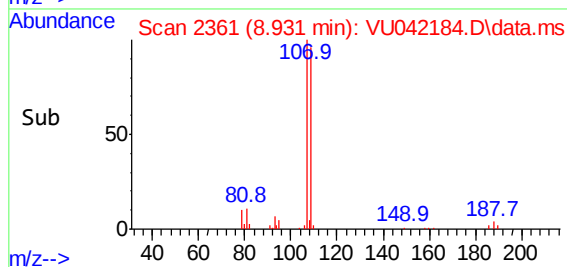
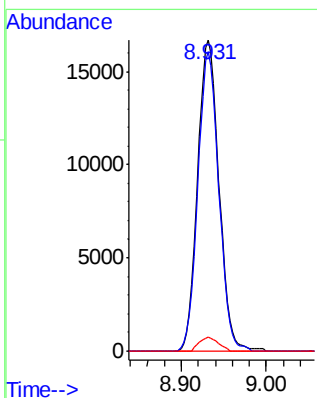
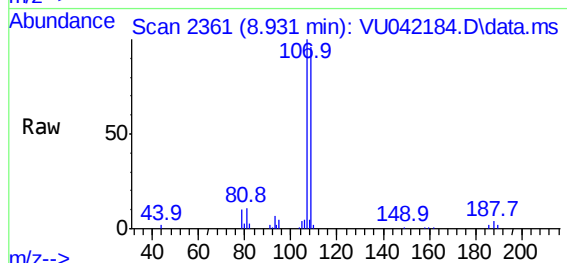




#50
1,2-Dibromoethane
Concen: 5.08 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

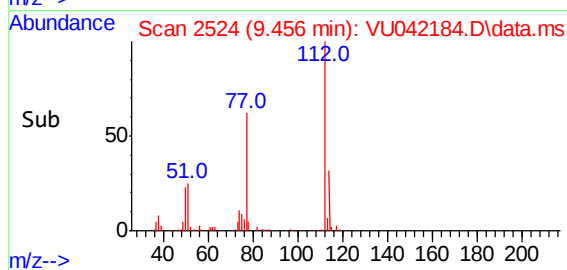
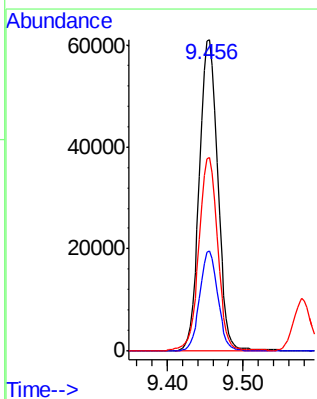
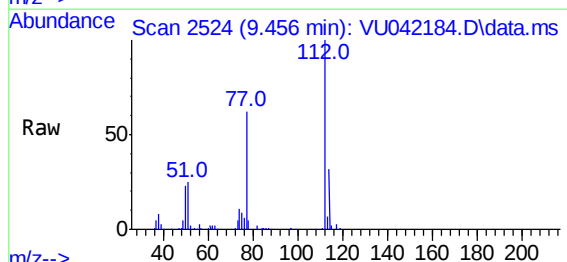
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

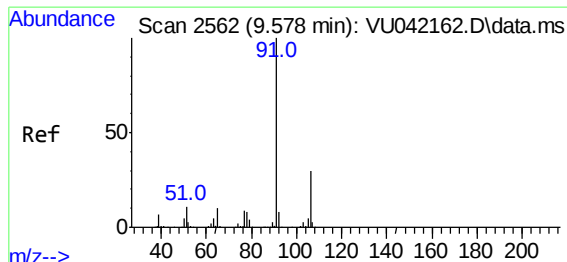
Tgt Ion:107 Resp: 28900
Ion Ratio Lower Upper
107 100
109 96.4 65.5 121.6
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 5.19 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion:112 Resp: 101503
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 62.1 49.8 74.6

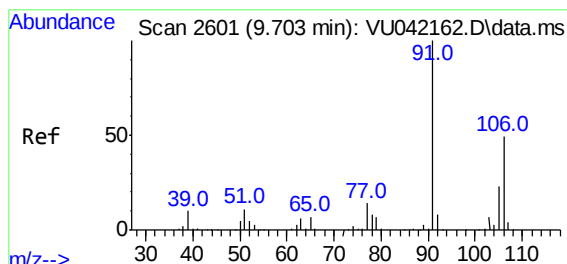
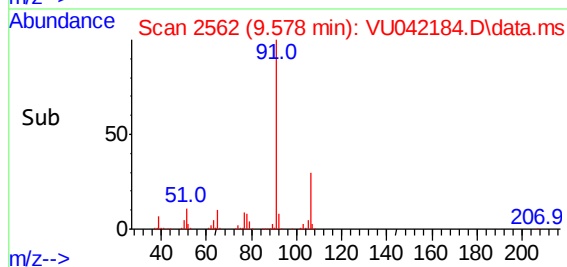
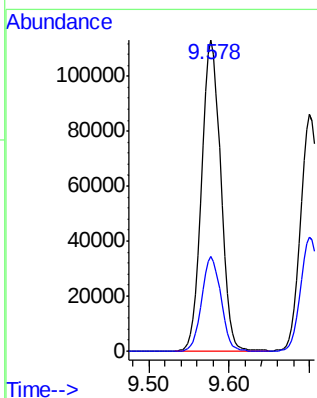
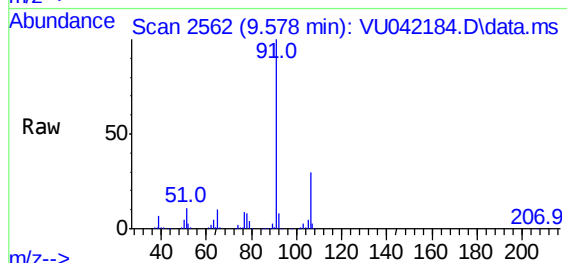




#52
Ethylbenzene
Concen: 5.13 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

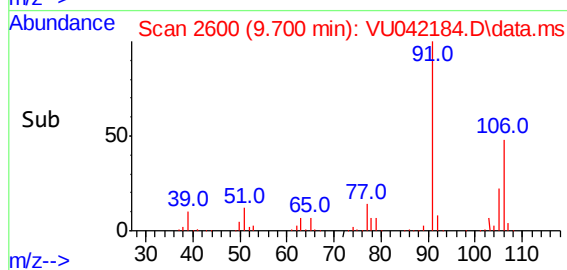
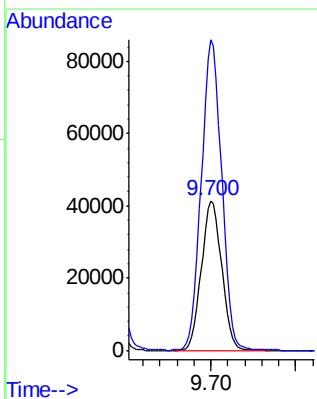
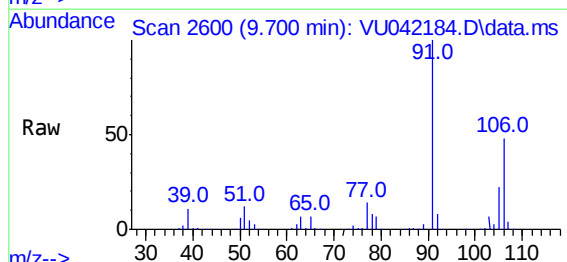
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

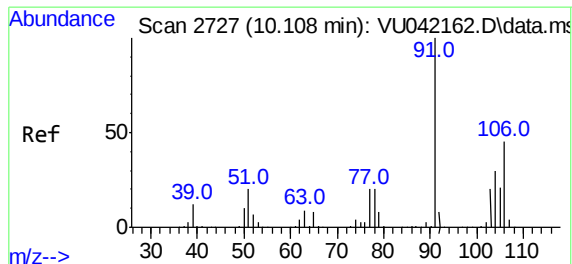
Tgt Ion: 91 Resp: 180119
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.3



#53
m,p-Xylene
Concen: 5.21 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 106 Resp: 68396
Ion Ratio Lower Upper
106 100
91 207.2 145.1 269.5

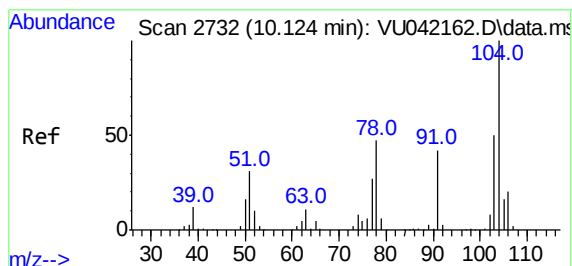
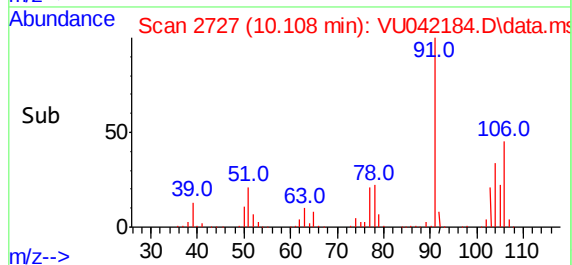
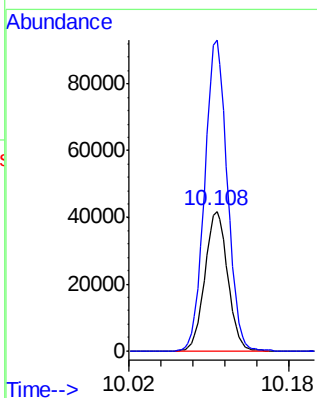
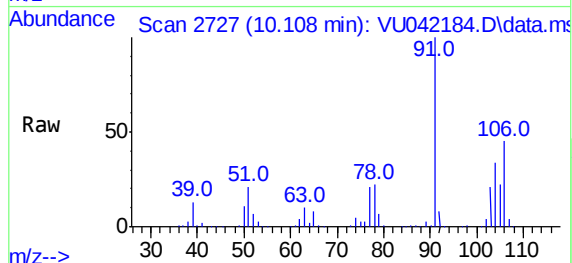




#54
o-Xylene
Concen: 5.19 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

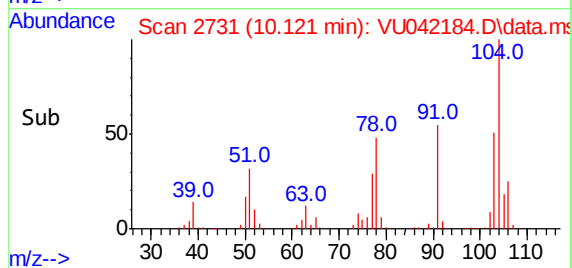
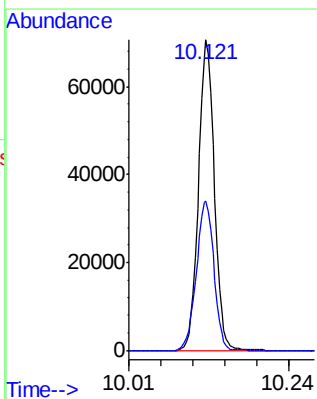
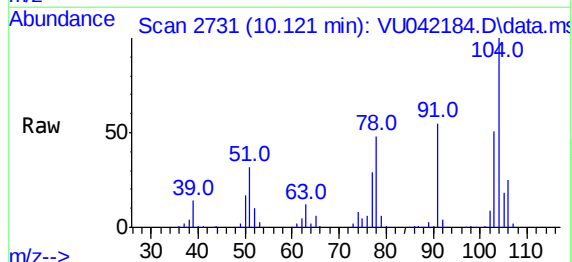
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

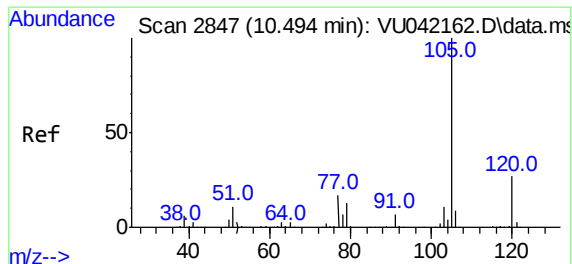
Tgt Ion:106 Resp: 66068
Ion Ratio Lower Upper
106 100
91 222.3 153.0 284.2



#55
Styrene
Concen: 5.15 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion:104 Resp: 113037
Ion Ratio Lower Upper
104 100
78 48.0 34.9 64.7

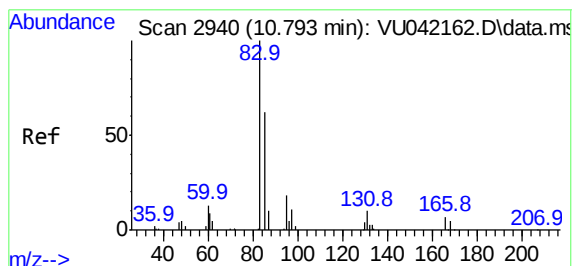
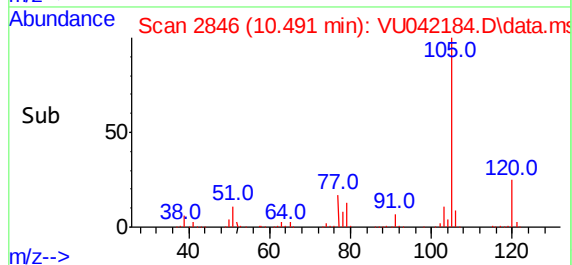
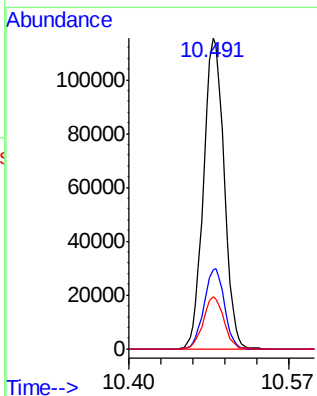
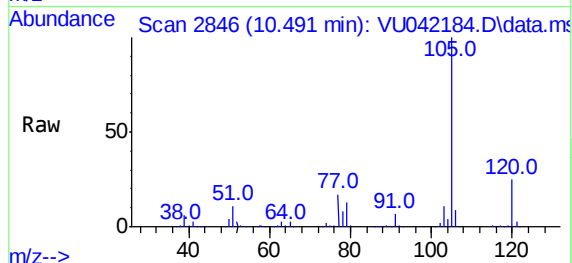




#56
Isopropylbenzene
Concen: 5.14 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

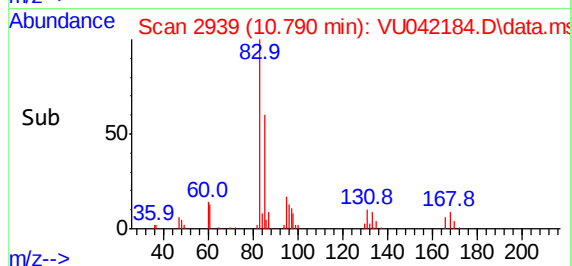
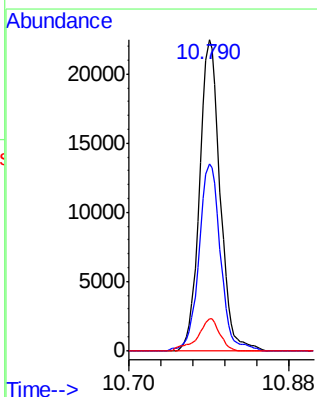
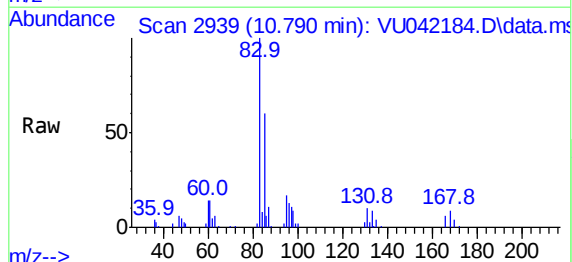
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

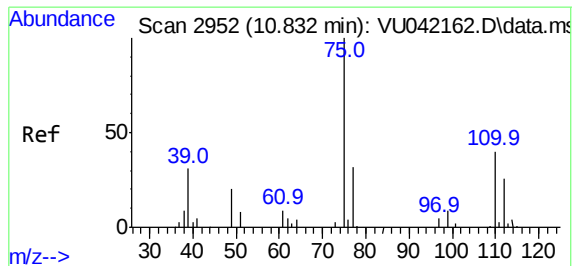
Tgt Ion:105 Resp: 180819
Ion Ratio Lower Upper
105 100
120 25.5 20.8 31.2
77 16.6 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.18 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 83 Resp: 36472
Ion Ratio Lower Upper
83 100
85 59.9 44.4 82.4
131 10.0 8.6 12.8

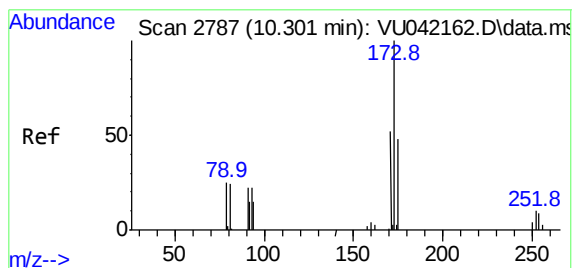
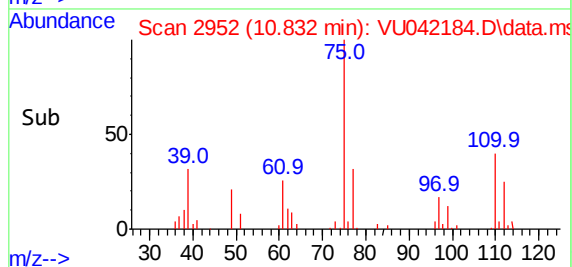
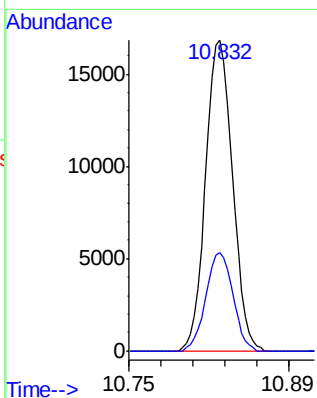
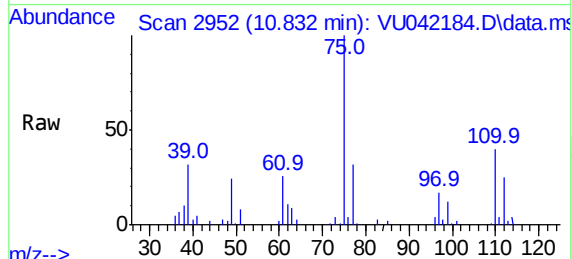




#59
1,2,3-Trichloropropane
Concen: 5.16 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

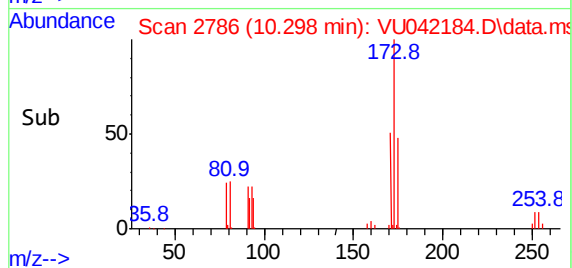
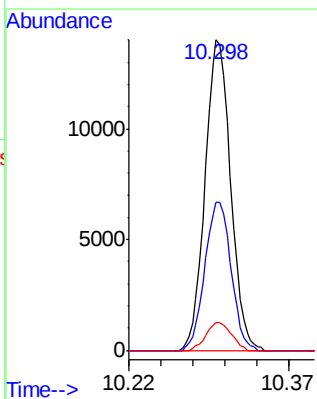
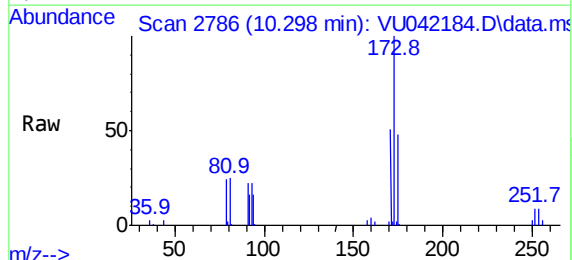
Instrument :
MSVOA_U
ClientSampled :
VSTD00525

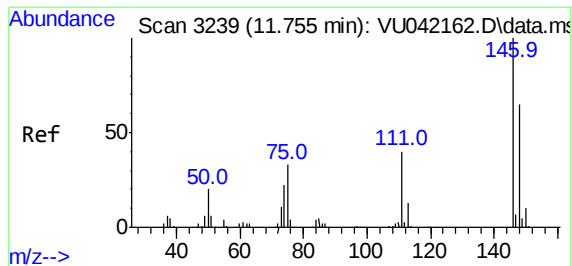
Tgt Ion: 75 Resp: 27112
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0



#61
Bromoform
Concen: 4.74 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion:173 Resp: 23034
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 8.9 7.9 11.9

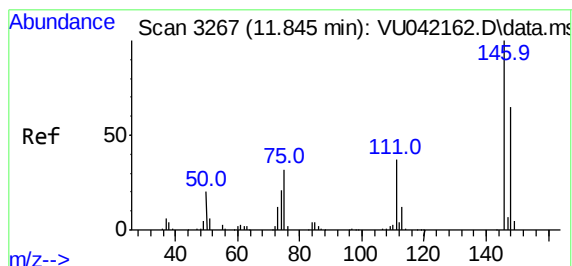
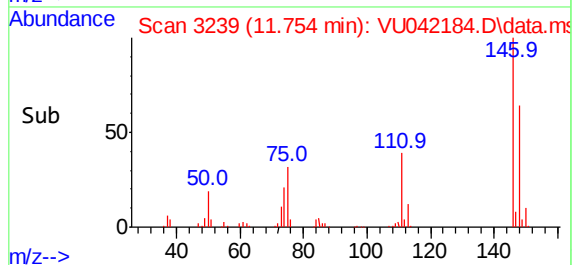
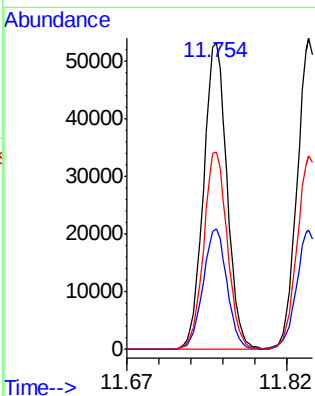
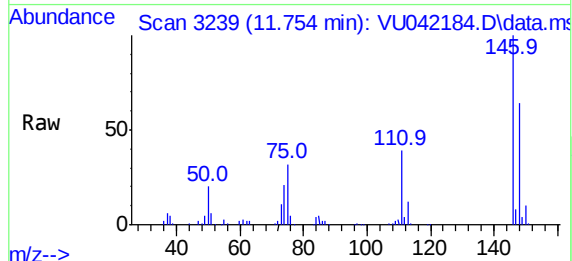




#62
 1,3-Dichlorobenzene
 Concen: 4.97 ug/L
 RT: 11.754 min Scan# 3239
 Delta R.T. -0.000 min
 Lab File: VU042184.D
 Acq: 22 Jan 2021 20:59

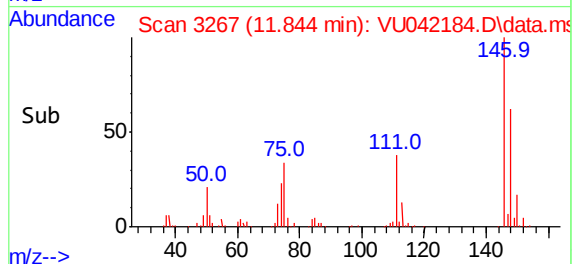
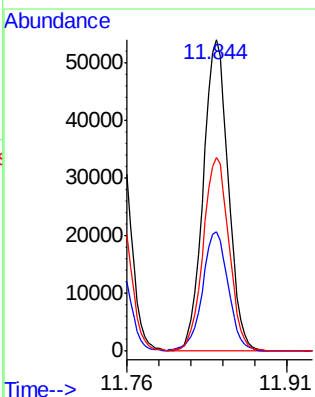
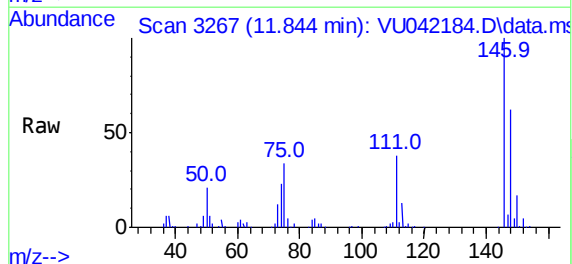
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

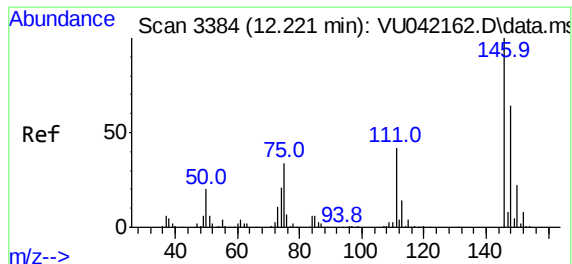
Tgt Ion:146 Resp: 83362
 Ion Ratio Lower Upper
 146 100
 111 39.1 27.2 50.4
 148 64.4 44.6 82.8



#63
 1,4-Dichlorobenzene
 Concen: 5.00 ug/L
 RT: 11.844 min Scan# 3267
 Delta R.T. -0.000 min
 Lab File: VU042184.D
 Acq: 22 Jan 2021 20:59

Tgt Ion:146 Resp: 83761
 Ion Ratio Lower Upper
 146 100
 111 38.1 25.8 47.8
 148 62.3 44.1 81.9

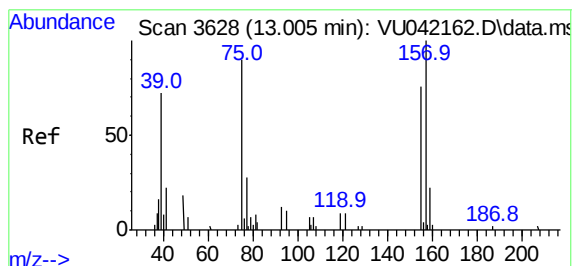
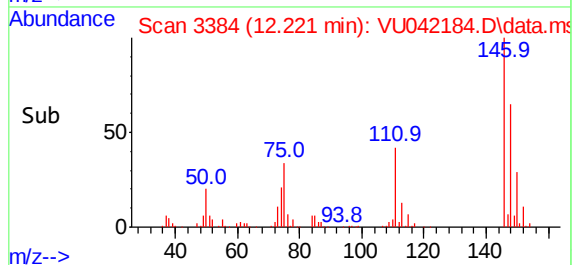
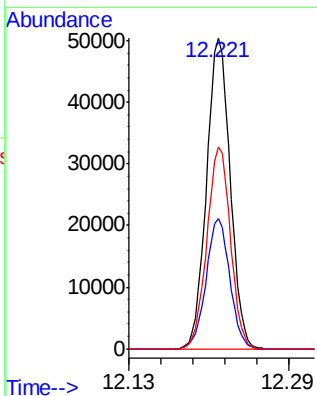
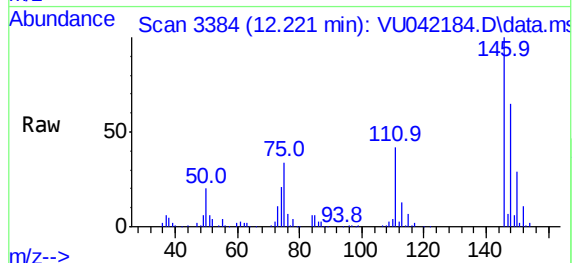




#65
1,2-Dichlorobenzene
Concen: 5.13 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

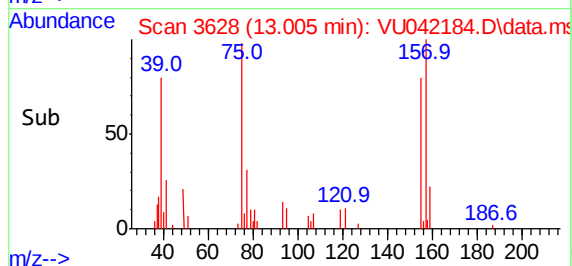
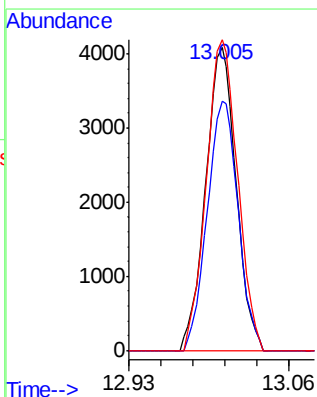
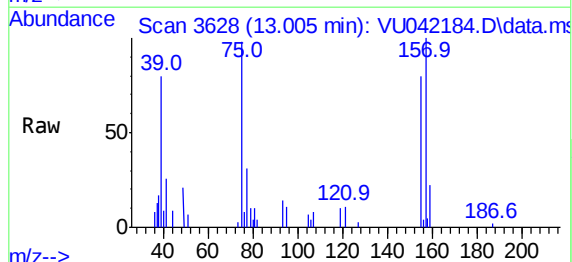
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

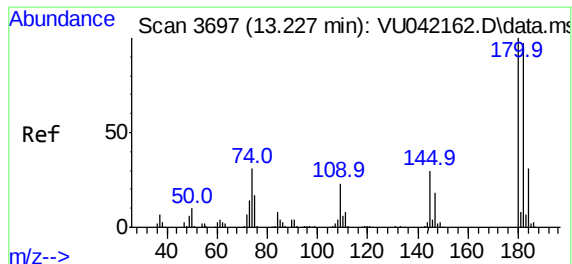
Tgt Ion:146 Resp: 79935
Ion Ratio Lower Upper
146 100
111 41.7 32.7 49.1
148 64.8 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.72 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion: 75 Resp: 6568
Ion Ratio Lower Upper
75 100
155 82.1 69.0 103.6
157 102.3 91.0 136.6

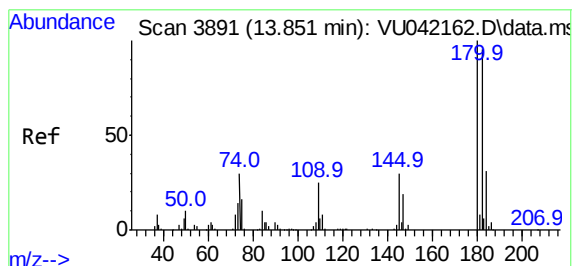
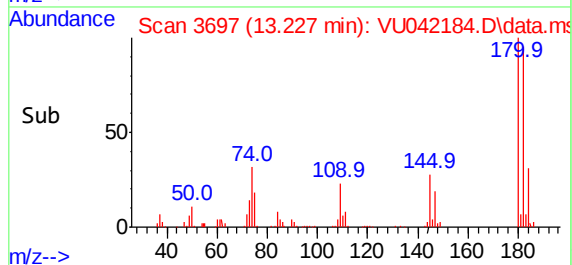
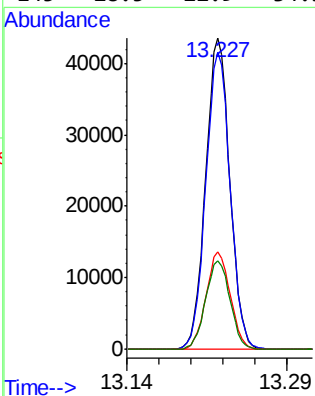
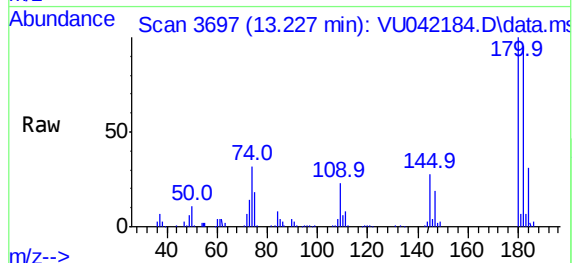




#67
1,3,5-Trichlorobenzene
Concen: 5.01 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

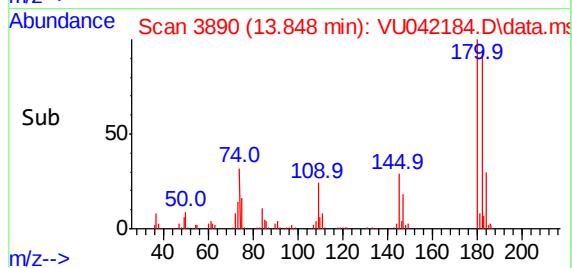
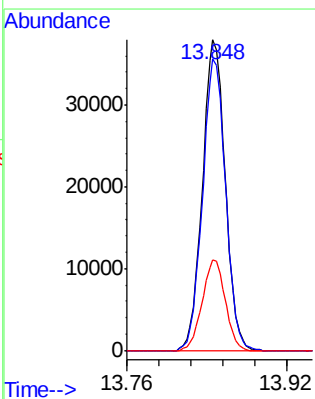
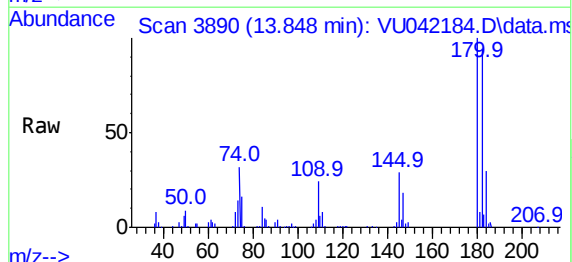
Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

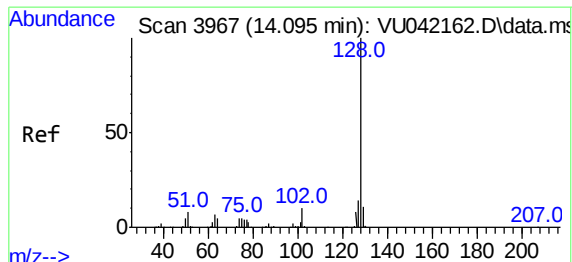
Tgt Ion:180 Resp: 67234
Ion Ratio Lower Upper
180 100
182 96.5 76.4 114.6
184 31.1 23.9 35.9
145 28.5 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 5.47 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.003 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion:180 Resp: 58040
Ion Ratio Lower Upper
180 100
182 95.0 76.3 114.5
145 29.5 23.7 35.5



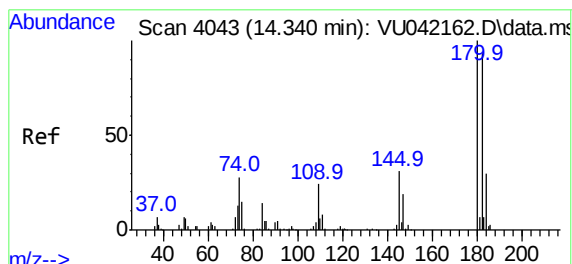
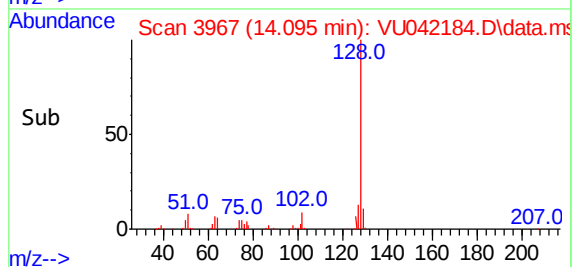
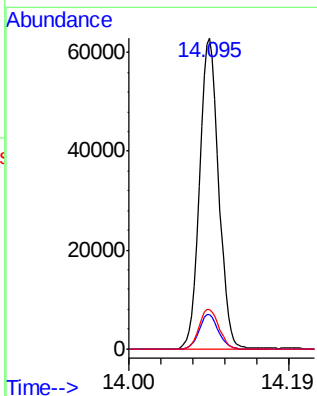
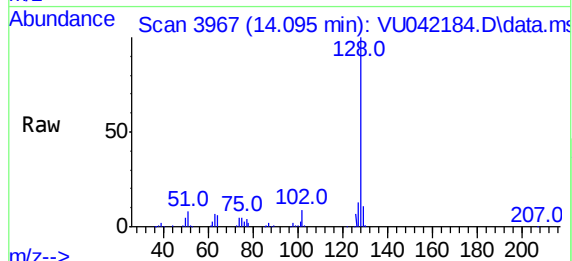


#69
Naphthalene
Concen: 6.56 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Tgt Ion:128 Resp: 101802

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.6	15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.61 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042184.D
Acq: 22 Jan 2021 20:59

Tgt Ion:180 Resp: 52661

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.6	113.4
145	30.6	24.7	37.1

