

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032221\
 Data File : VU042761.D
 Acq On : 22 Mar 2021 15:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Mar 23 07:19:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 23 07:16:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82887	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	86064	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	46726	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23763	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	86.00%		
7) Chloroethane-d5	1.919	69	20848	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	99.60%		
11) 1,1-Dichloroethene-d2	2.575	63	56442	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	90.40%		
20) 2-Butanone-d5	4.649	46	89888	49.54	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	99.08%		
24) Chloroform-d	5.076	84	53239	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.40%		
26) 1,2-Dichloroethane-d4	5.713	65	30849	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.80%		
32) Benzene-d6	5.739	84	92667	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.80%		
36) 1,2-Dichloropropane-d6	6.700	67	30609	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.00%		
41) Toluene-d8	7.906	98	90433	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.80%		
43) trans-1,3-Dichloroprop...	8.189	79	13454	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.60%		
46) 2-Hexanone-d5	8.645	63	65655	43.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	86.24%		
57) 1,1,2,2-Tetrachloroeth...	10.767	84	27542	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.80%		
64) 1,2-Dichlorobenzene-d4	12.201	152	37748	4.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.20%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	33461	4.34	ug/L	100
3) Chloromethane	1.523	50	31590	4.33	ug/L	100
5) Vinyl chloride	1.607	62	32739	4.46	ug/L	98
6) Bromomethane	1.864	94	21156	5.23	ug/L	99
8) Chloroethane	1.941	64	22234	5.08	ug/L	99
9) Trichlorofluoromethane	2.144	101	61810	5.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31495	5.01	ug/L	97
12) 1,1-Dichloroethene	2.588	96	27332	4.68	ug/L	93
13) Acetone	2.652	43	59556	42.60	ug/L	98
14) Carbon disulfide	2.800	76	69800	3.75	ug/L	98
15) Methyl Acetate	2.964	43	13322	3.83	ug/L	97
16) Methylene chloride	3.054	84	31257	4.47	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	75333	4.59	ug/L	97
18) trans-1,2-Dichloroethene	3.363	96	27812	4.53	ug/L	98
19) 1,1-Dichloroethane	3.880	63	59379	5.01	ug/L	96
21) 2-Butanone	4.726	43	97892	41.19	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	31438	4.79	ug/L	97
23) Bromochloromethane	4.986	128	15426	4.94	ug/L	88
25) Chloroform	5.099	83	64485	5.18	ug/L	97
27) 1,2-Dichloroethane	5.806	62	47341	5.07	ug/L #	95

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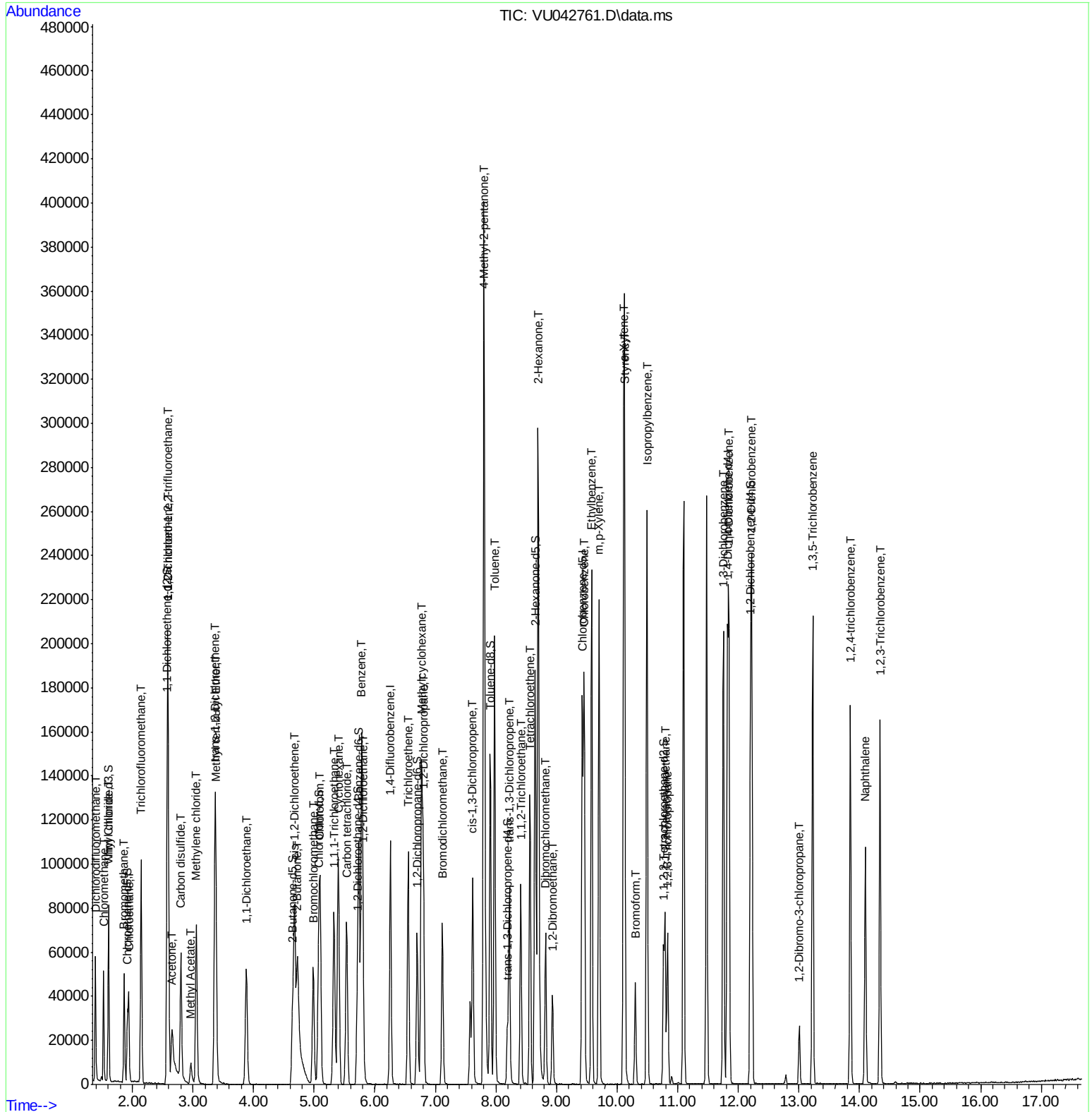
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	56108	4.69	ug/L	97
30) Cyclohexane	5.398	56	47475	3.97	ug/L	97
31) Carbon tetrachloride	5.536	117	47706	4.52	ug/L	96
33) Benzene	5.784	78	124449	4.62	ug/L	100
34) Trichloroethene	6.552	95	33967	4.55	ug/L	99
35) Methylcyclohexane	6.774	83	47853	4.21	ug/L	98
37) 1,2-Dichloropropane	6.800	63	35637	4.90	ug/L	98
38) Bromodichloromethane	7.115	83	47177	4.97	ug/L	93
39) cis-1,3-Dichloropropene	7.616	75	48517	4.58	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	301777	47.61	ug/L	96
42) Toluene	7.980	91	139191	4.74	ug/L	95
44) trans-1,3-Dichloropropene	8.221	75	44569	4.56	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	25360	4.73	ug/L	94
47) Tetrachloroethene	8.562	164	27182	4.47	ug/L	98
48) 2-Hexanone	8.697	43	221754	47.42	ug/L	95
49) Dibromochloromethane	8.819	129	33038	4.92	ug/L	96
50) 1,2-Dibromoethane	8.935	107	25765	4.87	ug/L	100
51) Chlorobenzene	9.456	112	89244	4.75	ug/L	99
52) Ethylbenzene	9.581	91	153553	4.64	ug/L	100
53) m,p-Xylene	9.703	106	57805	4.72	ug/L	99
54) o-Xylene	10.108	106	56698	4.78	ug/L	98
55) Styrene	10.124	104	99323	4.93	ug/L	99
56) Isopropylbenzene	10.494	105	156086	4.79	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	34248	4.77	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	26314	4.82	ug/L	97
61) Bromoform	10.301	173	20397	4.84	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	78940	4.89	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	79470	4.95	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	75971	4.90	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.008	75	6127	4.70	ug/L	92
67) 1,3,5-Trichlorobenzene	13.227	180	65465	4.69	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	51235	4.43	ug/L	98
69) Naphthalene	14.095	128	81535	4.34	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	48532	4.62	ug/L	98

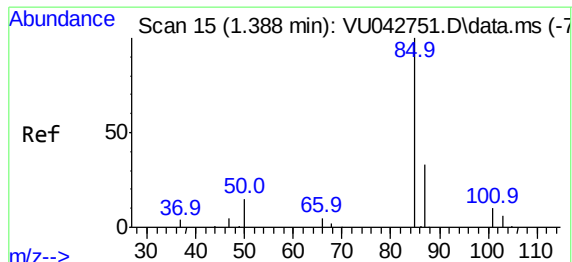
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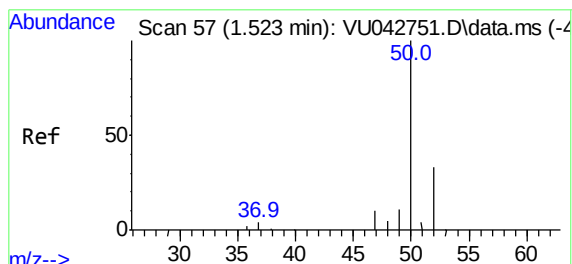
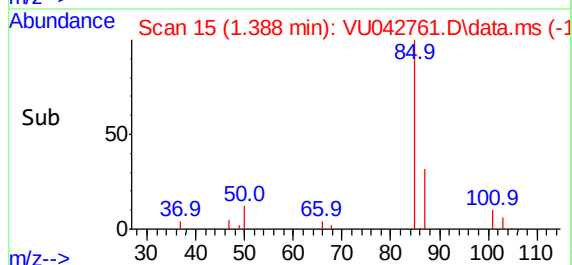
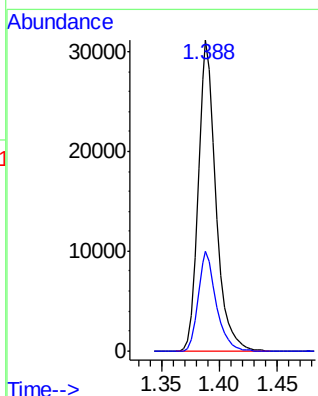
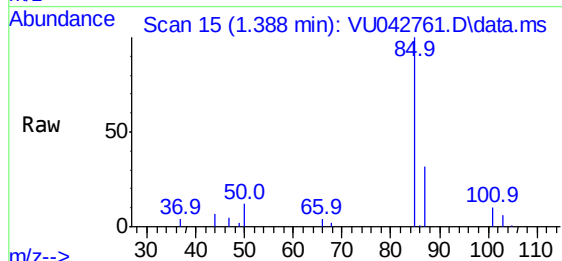




#2
Dichlorodifluoromethane
Concen: 4.34 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

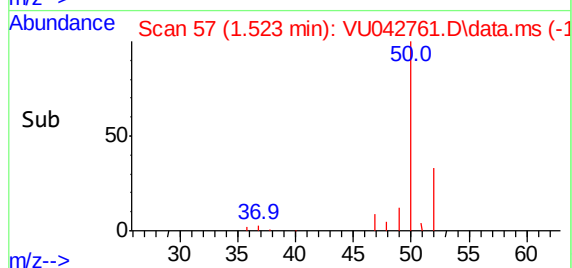
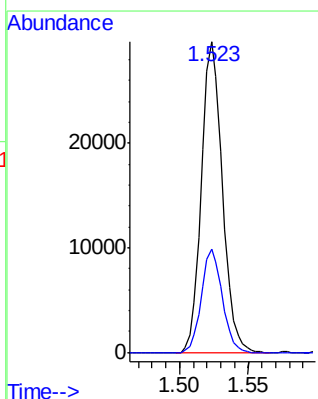
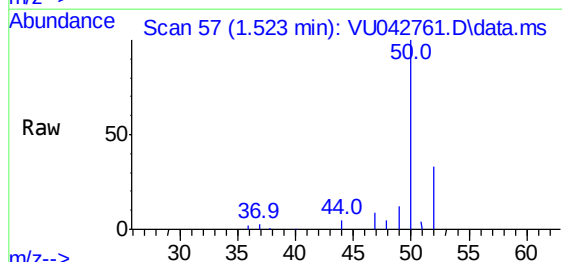
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

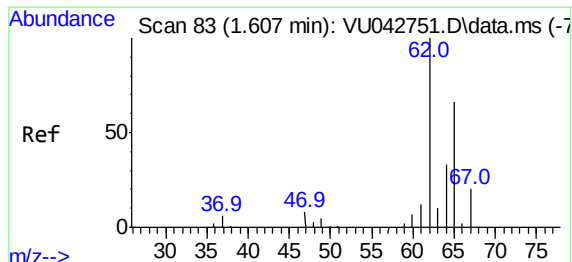
Tgt Ion: 85 Resp: 33461
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1



#3
Chloromethane
Concen: 4.33 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 50 Resp: 31590
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.8

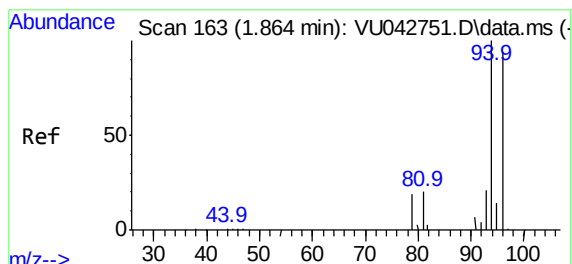
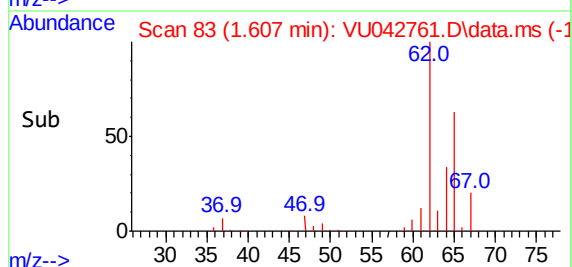
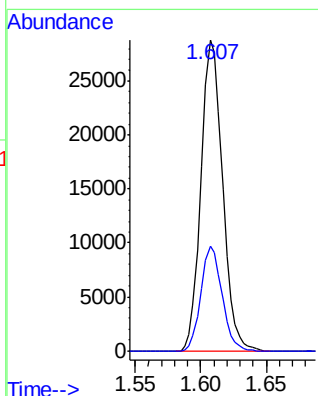
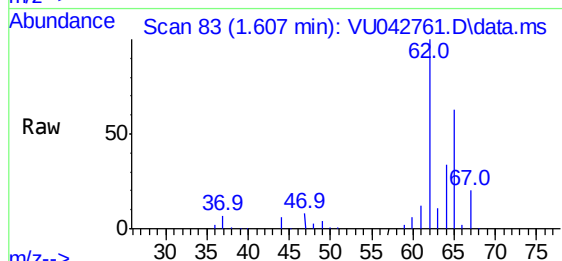




#5
 Vinyl chloride
 Concen: 4.46 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042761.D
 Acq: 22 Mar 2021 15:11

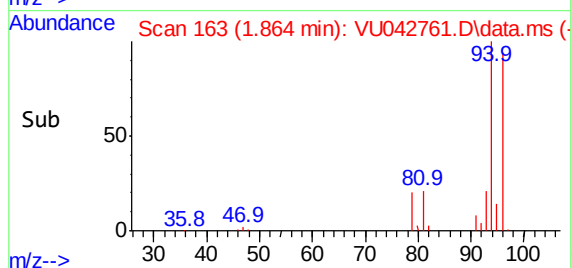
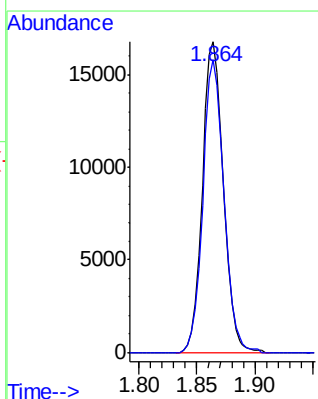
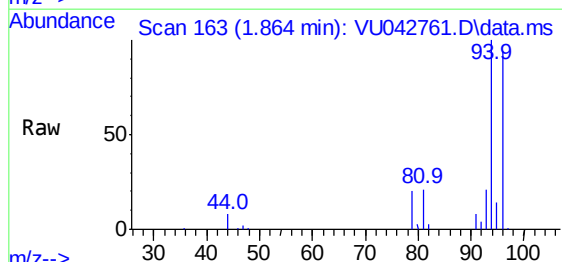
Instrument :
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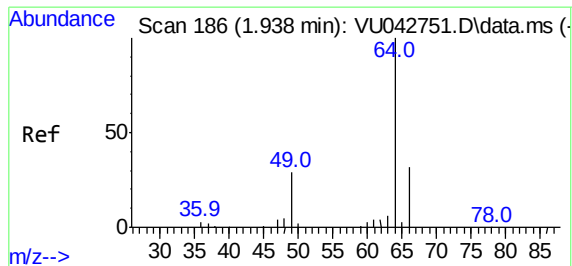
Tgt Ion: 62 Resp: 32739
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.1



#6
 Bromomethane
 Concen: 5.23 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042761.D
 Acq: 22 Mar 2021 15:11

Tgt Ion: 94 Resp: 21156
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.5 123.5

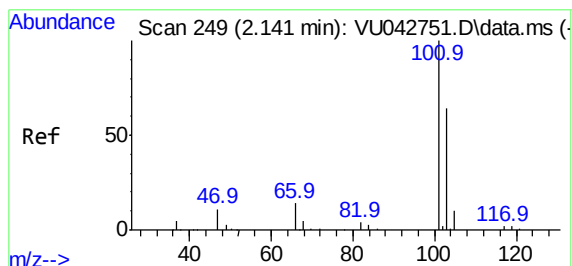
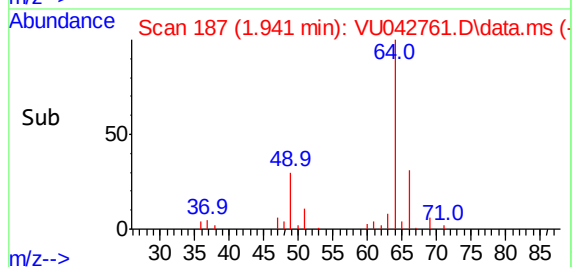
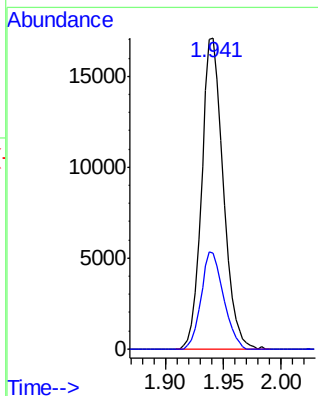
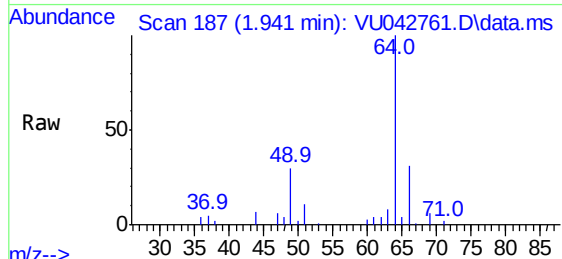




#8
Chloroethane
Concen: 5.08 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

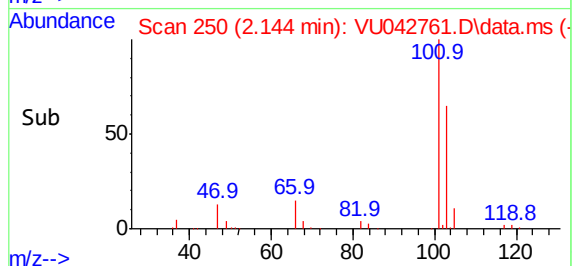
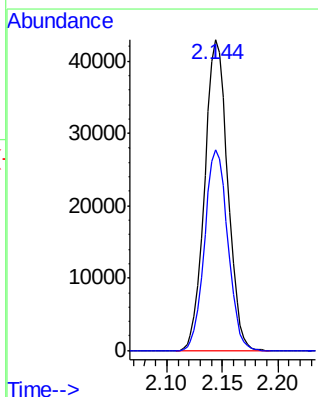
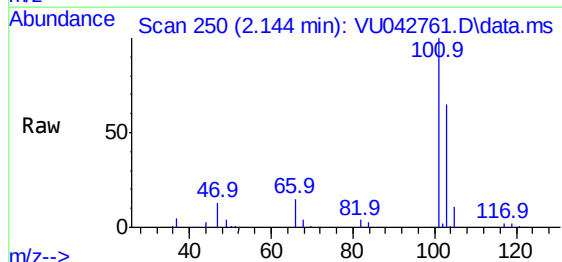
Instrument :
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ClientSampleId :
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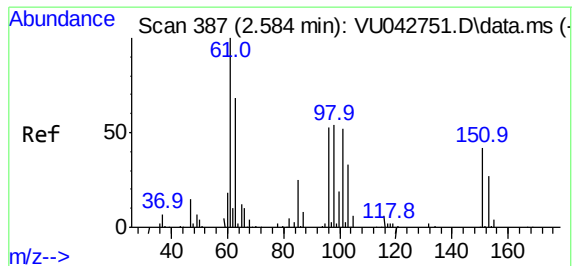
Tgt Ion: 64 Resp: 22234
Ion Ratio Lower Upper
64 100
66 31.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.16 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 101 Resp: 61810
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

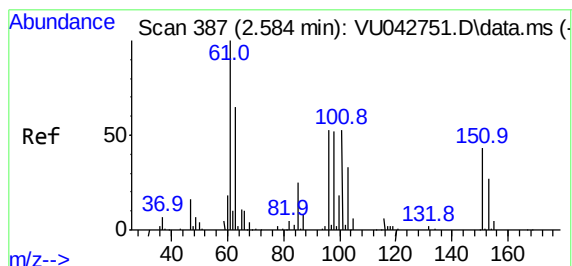
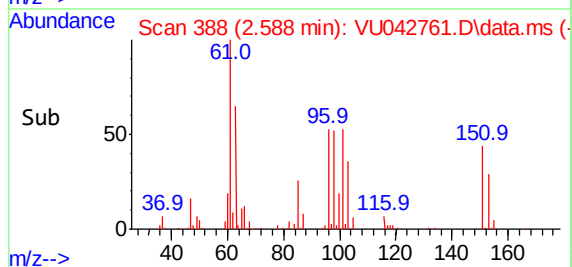
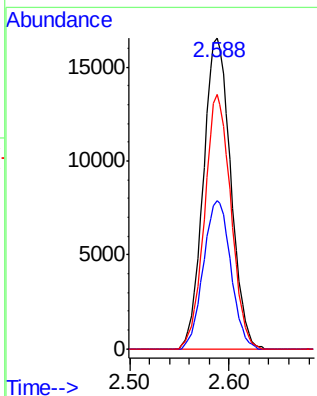
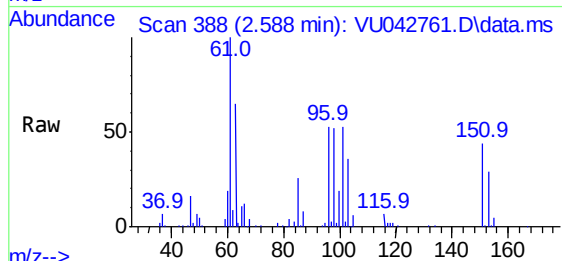




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.01 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU042761.D
 Acq: 22 Mar 2021 15:11

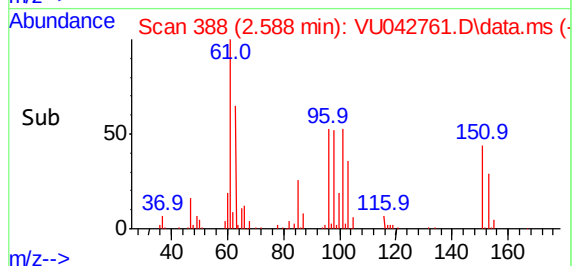
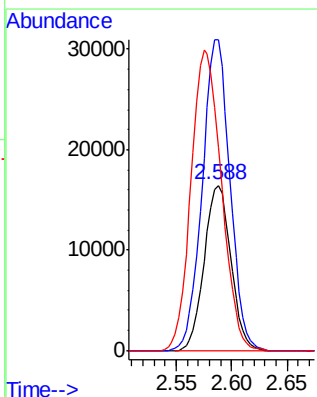
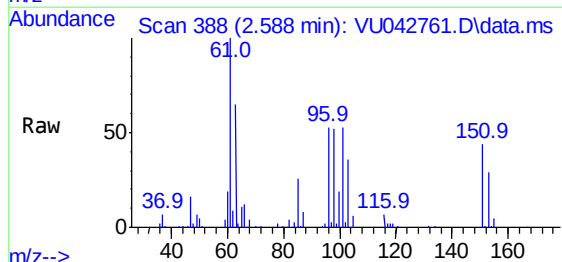
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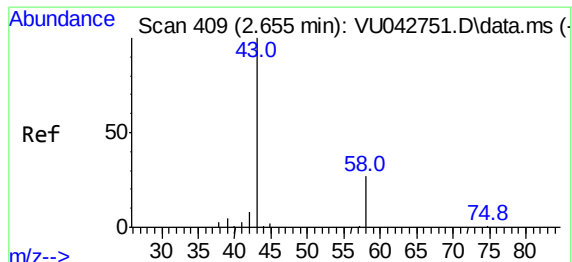
Tgt Ion:101 Resp: 31495
 Ion Ratio Lower Upper
 101 100
 85 47.7 34.6 51.8
 151 78.8 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.68 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU042761.D
 Acq: 22 Mar 2021 15:11

Tgt Ion: 96 Resp: 27332
 Ion Ratio Lower Upper
 96 100
 61 188.0 126.2 234.4
 63 122.6 77.8 144.4





#13

Acetone

Concen: 42.60 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.003 min

Lab File: VU042761.D

Acq: 22 Mar 2021 15:11

Instrument :

MSVOA_U

ClientSampleId :

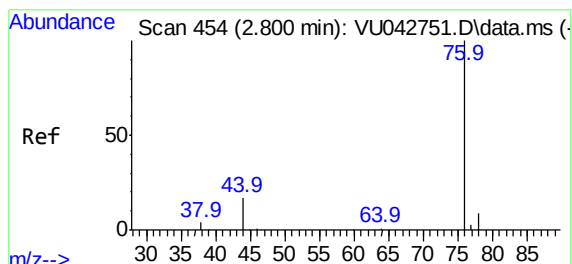
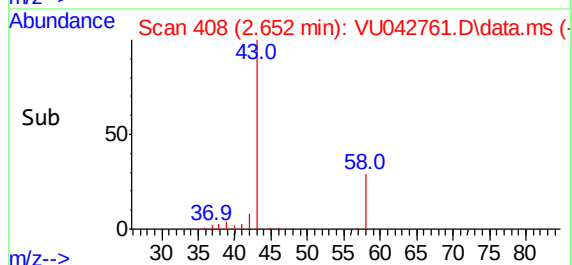
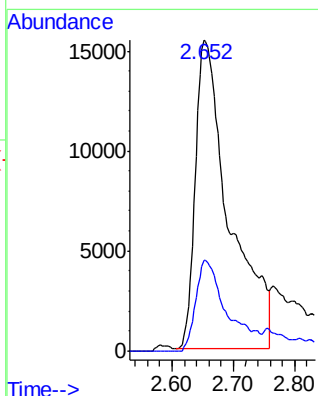
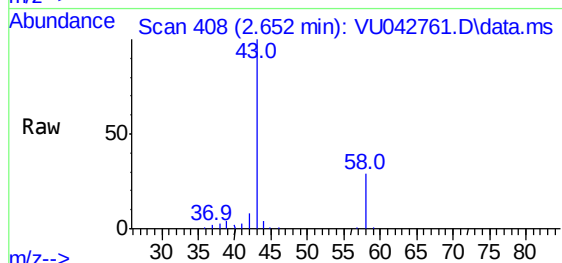
VSTD00512

Tgt Ion: 43 Resp: 59556

Ion Ratio Lower Upper

43 100

58 26.9 0.0 55.8



#14

Carbon disulfide

Concen: 3.75 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU042761.D

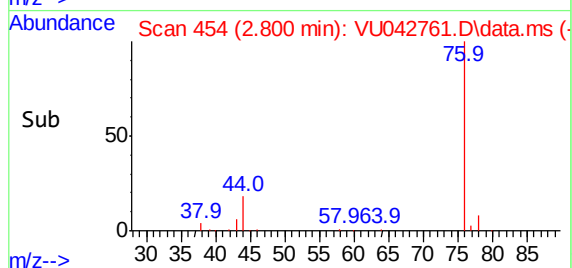
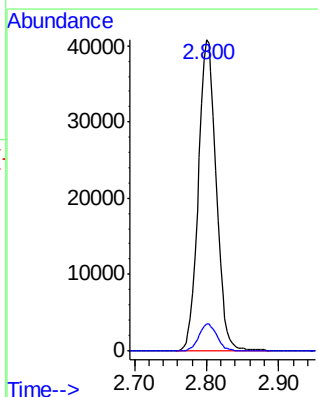
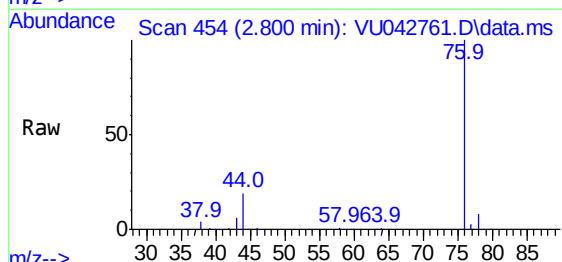
Acq: 22 Mar 2021 15:11

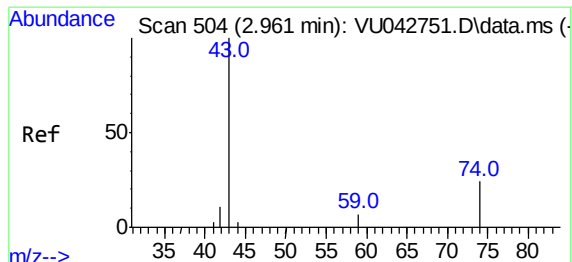
Tgt Ion: 76 Resp: 69800

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

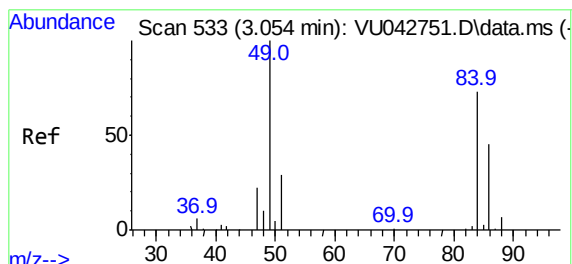
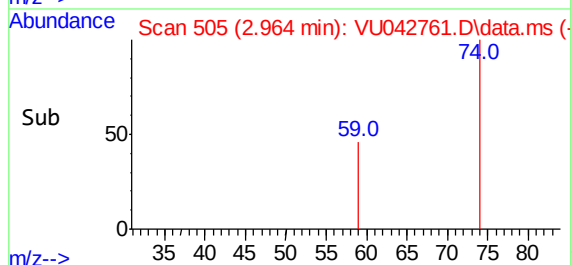
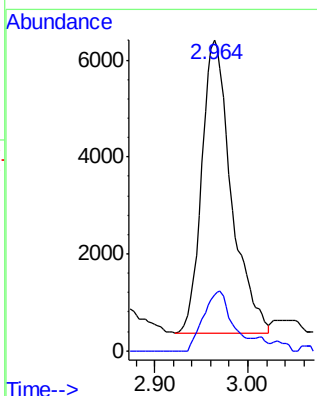
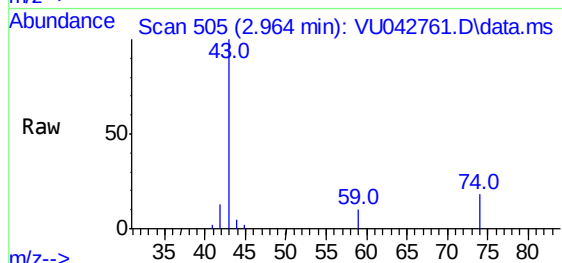




#15
Methyl Acetate
Concen: 3.83 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

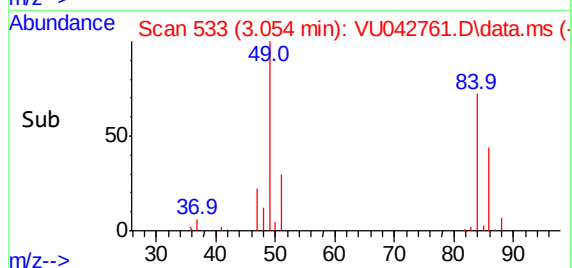
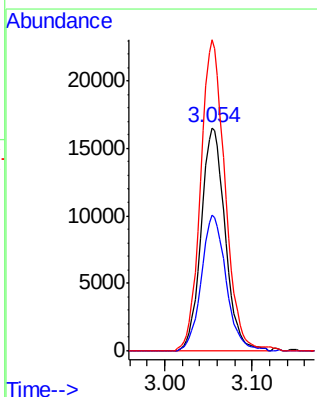
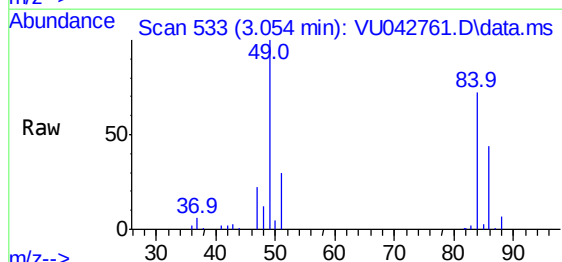
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

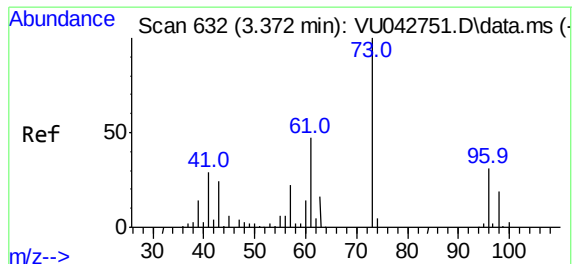
Tgt Ion: 43 Resp: 13322
Ion Ratio Lower Upper
43 100
74 19.6 16.9 25.3



#16
Methylene chloride
Concen: 4.47 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 84 Resp: 31257
Ion Ratio Lower Upper
84 100
86 61.0 44.1 81.9
49 139.7 95.0 176.4

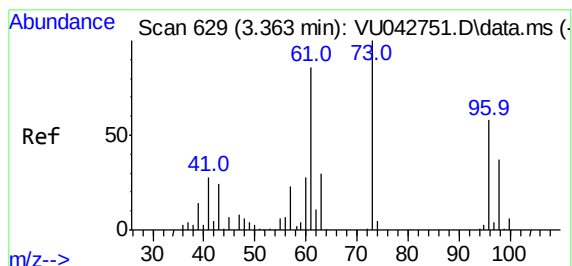
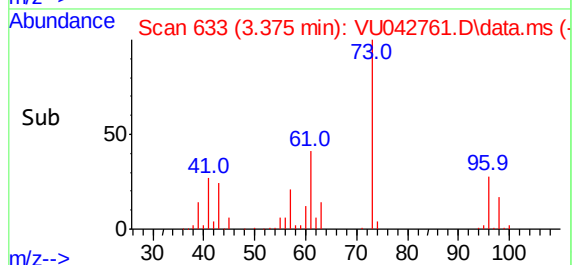
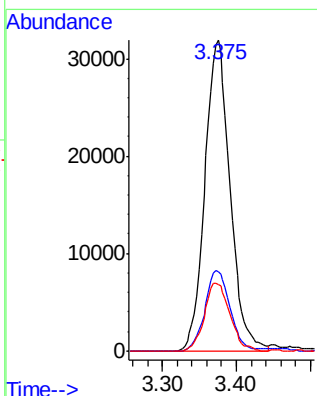
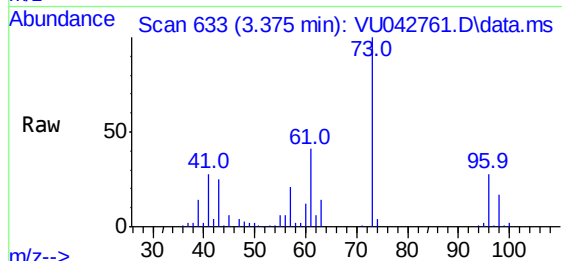




#17
Methyl tert-butyl Ether
Concen: 4.59 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

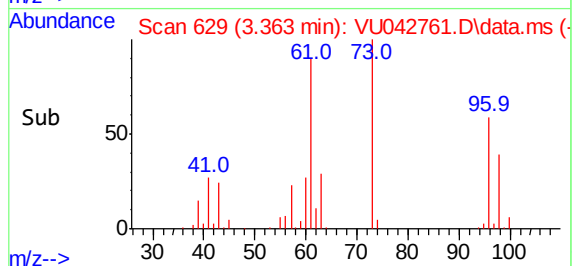
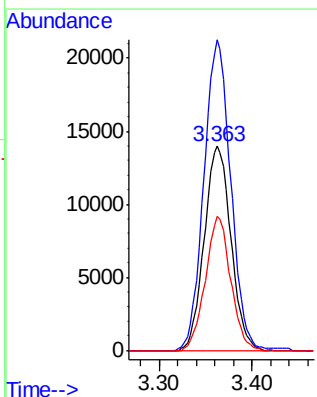
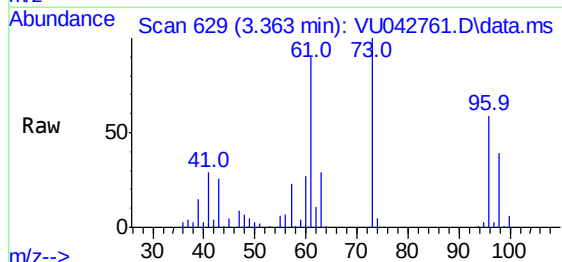
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

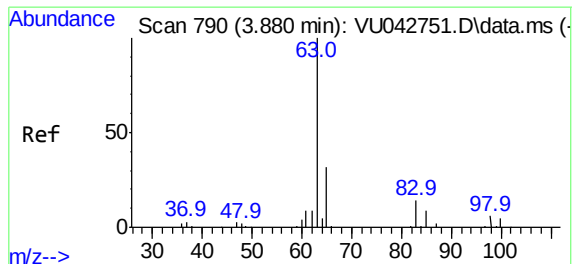
Tgt Ion: 73 Resp: 75333
Ion Ratio Lower Upper
73 100
43 25.4 18.9 28.3
57 22.0 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.53 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 96 Resp: 27812
Ion Ratio Lower Upper
96 100
61 152.0 105.7 196.3
98 65.6 42.8 79.6

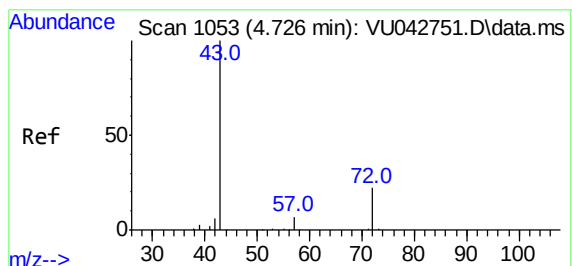
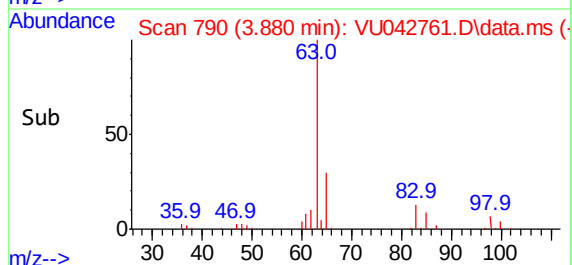
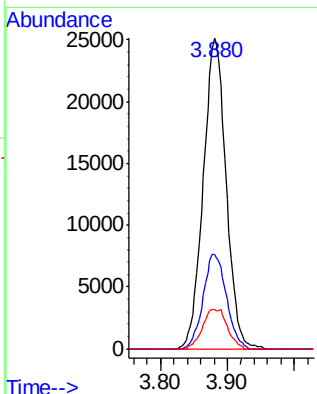
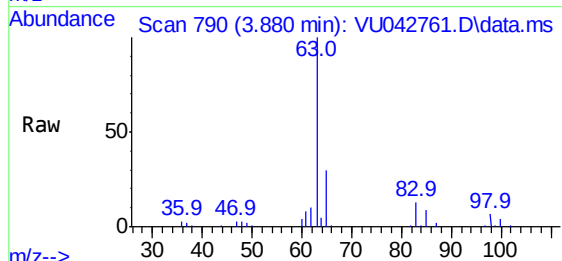




#19
1,1-Dichloroethane
Concen: 5.01 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

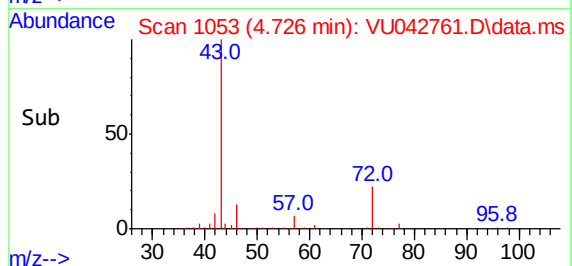
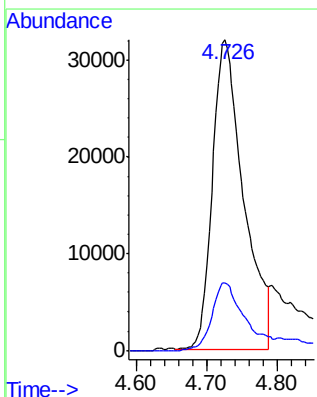
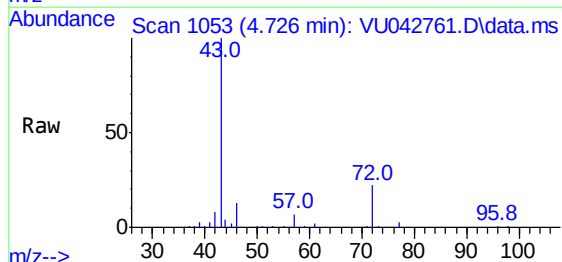
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

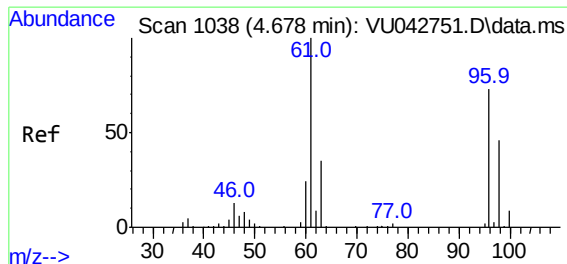
Tgt Ion: 63 Resp: 59379
Ion Ratio Lower Upper
63 100
65 30.4 22.5 41.9
83 12.5 10.1 18.7



#21
2-Butanone
Concen: 41.19 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 43 Resp: 97892
Ion Ratio Lower Upper
43 100
72 23.2 11.7 35.1



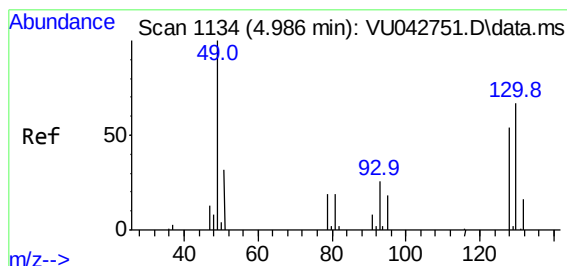
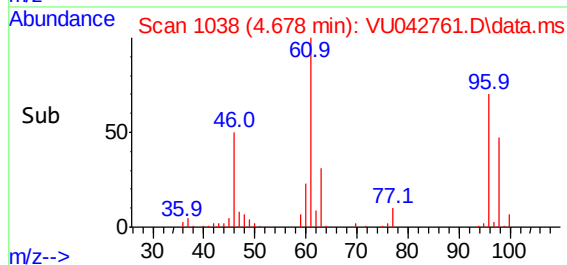
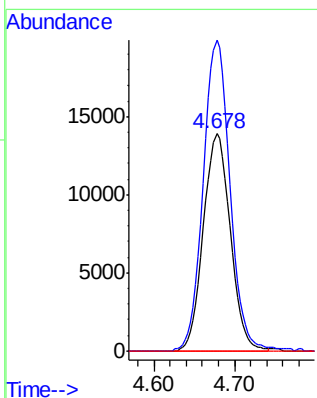
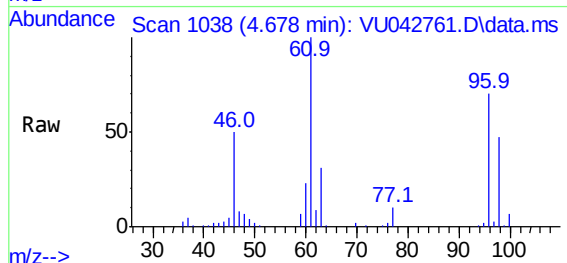


#22
cis-1,2-Dichloroethene
Concen: 4.79 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

Tgt Ion: 96 Resp: 31438

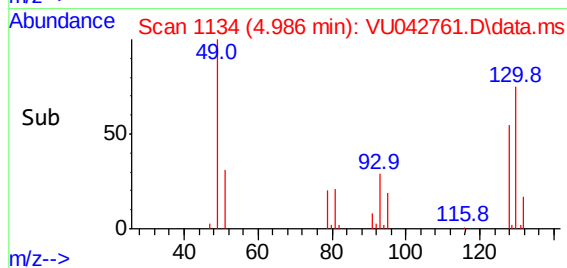
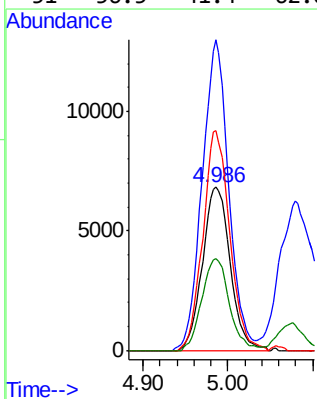
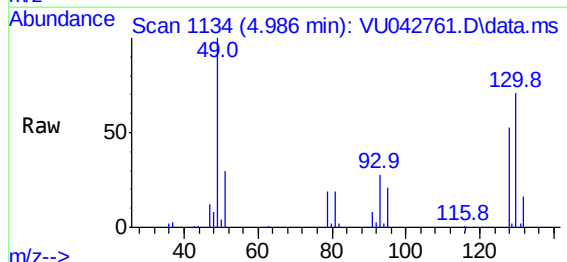
Ion	Ratio	Lower	Upper
96	100		
61	143.2	97.8	181.6
68	0.0	0.0	0.0

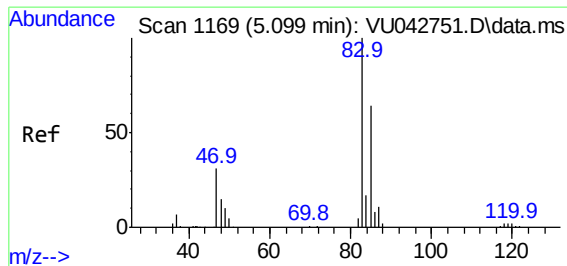


#23
Bromochloromethane
Concen: 4.94 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 128 Resp: 15426

Ion	Ratio	Lower	Upper
128	100		
49	190.5	117.7	218.7
130	134.5	87.9	163.3
51	56.5	41.4	62.0

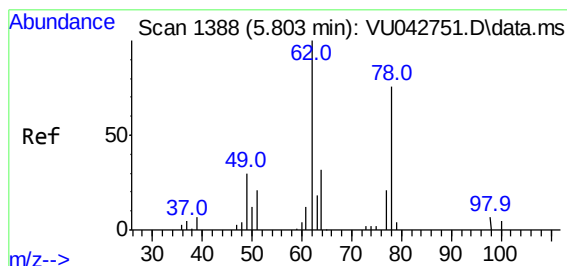
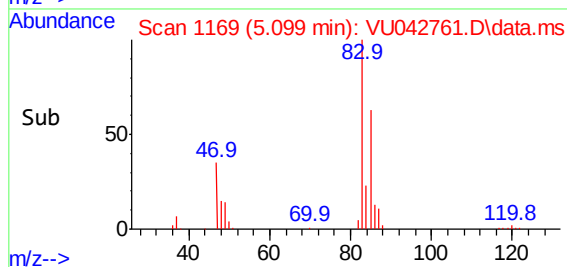
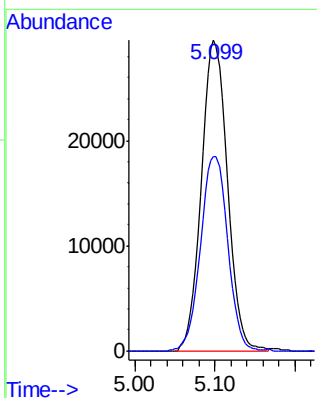
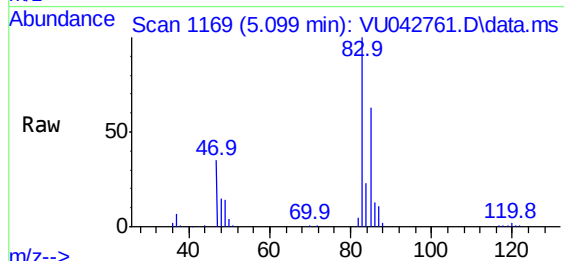




#25
Chloroform
Concen: 5.18 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

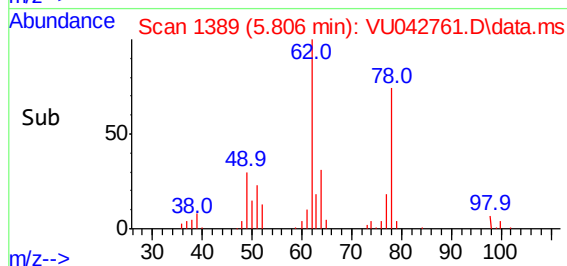
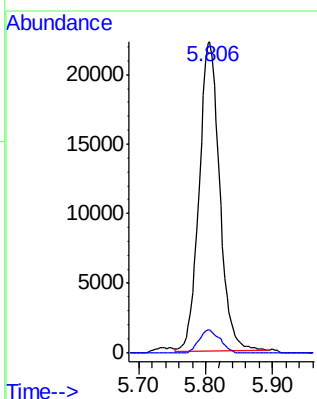
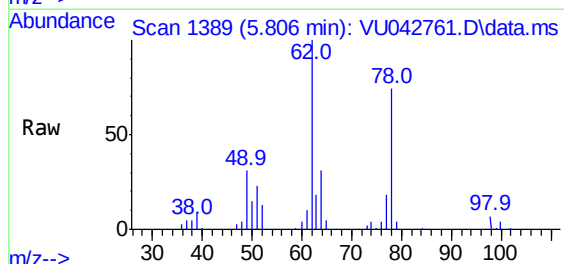
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

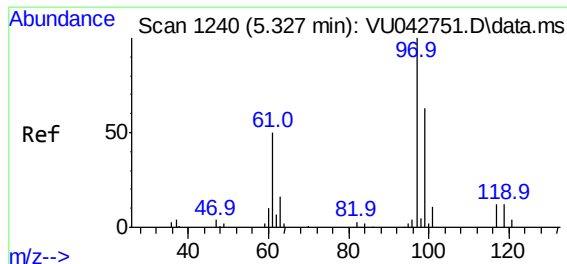
Tgt Ion: 83 Resp: 64485
Ion Ratio Lower Upper
83 100
85 62.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.07 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 62 Resp: 47341
Ion Ratio Lower Upper
62 100
98 7.2 7.3 10.9#

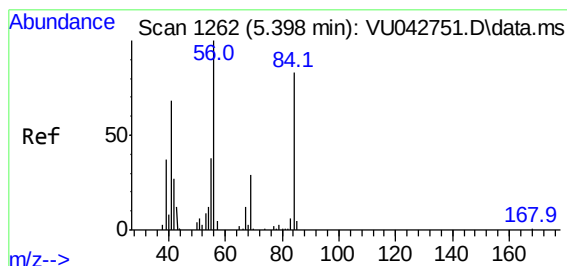
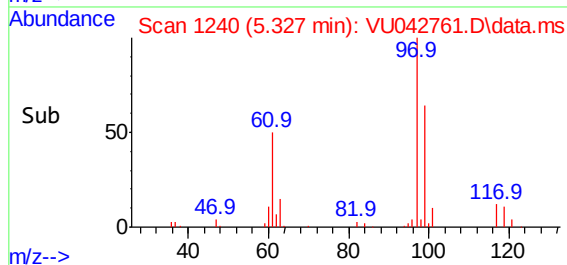
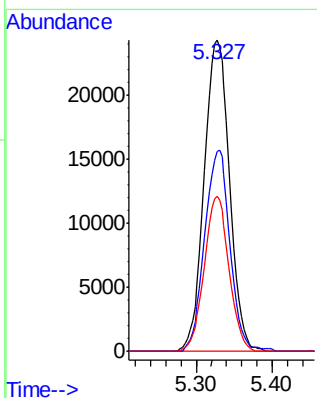
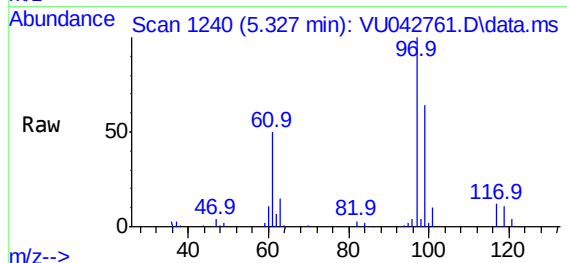




#29
1,1,1-Trichloroethane
Concen: 4.69 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

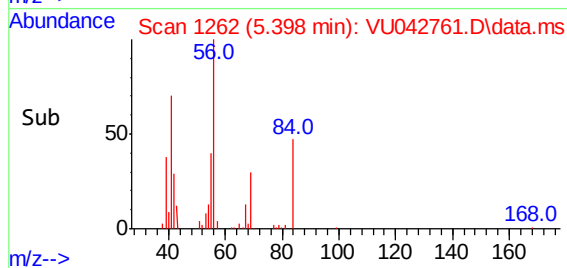
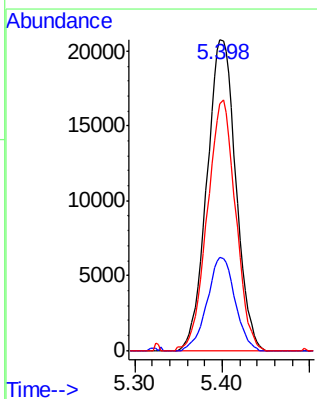
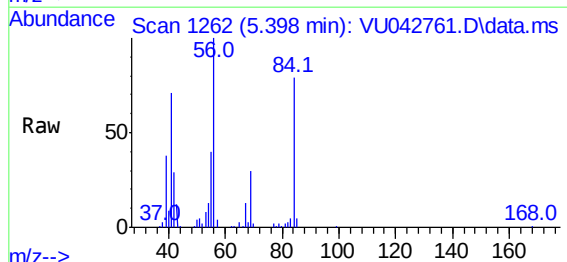
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

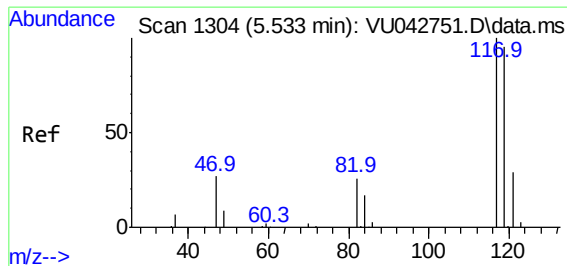
Tgt Ion: 97 Resp: 56108
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 48.3 35.8 53.6



#30
Cyclohexane
Concen: 3.97 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 56 Resp: 47475
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 78.7 65.3 97.9

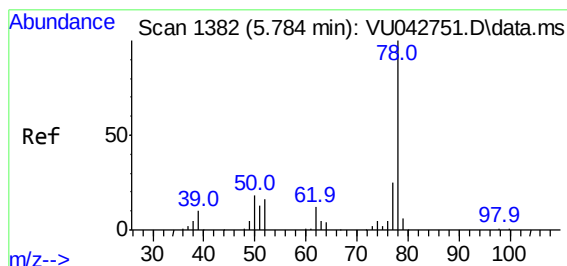
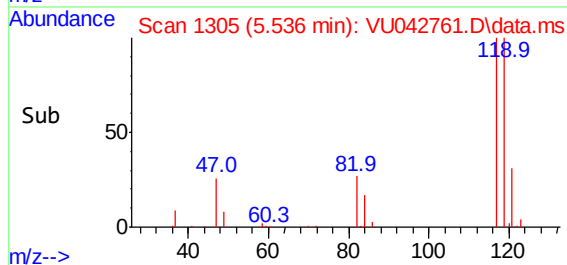
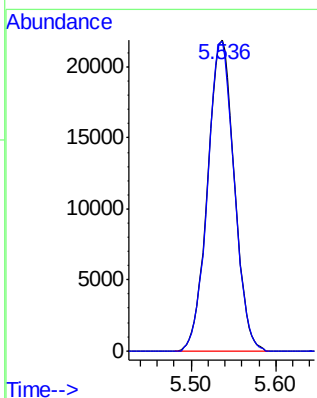
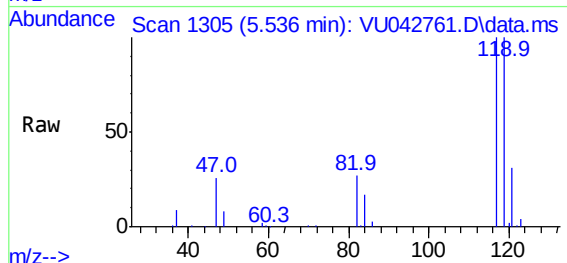




#31
Carbon tetrachloride
Concen: 4.52 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

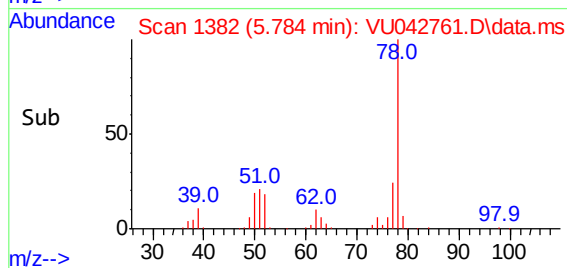
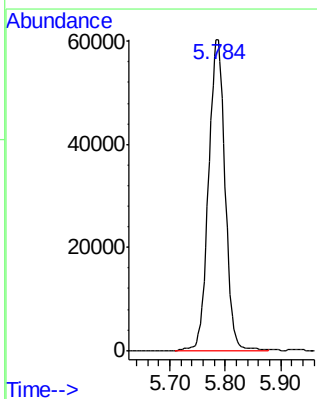
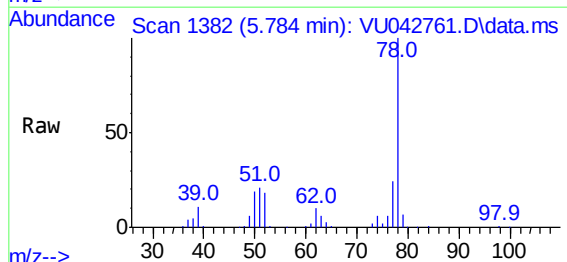
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

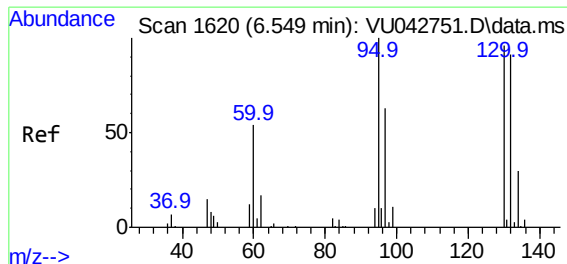
Tgt Ion:117 Resp: 47706
Ion Ratio Lower Upper
117 100
119 99.0 76.2 114.4



#33
Benzene
Concen: 4.62 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 78 Resp: 124449

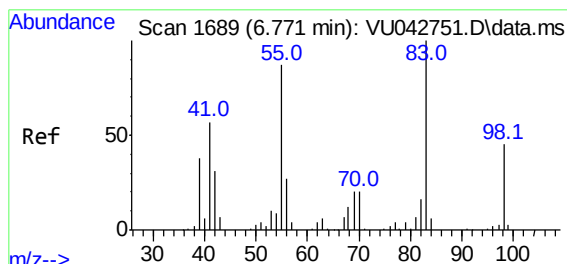
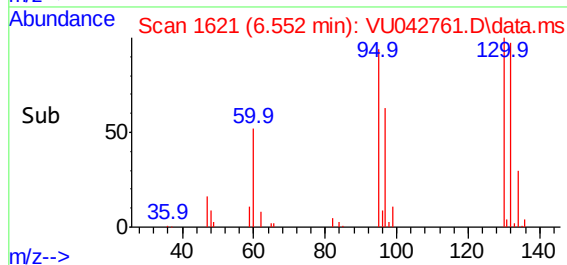
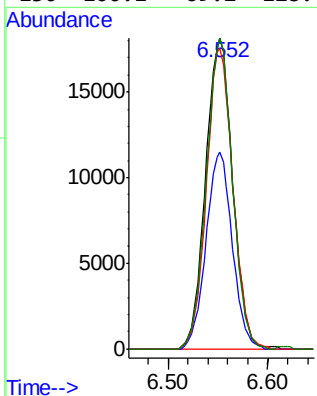
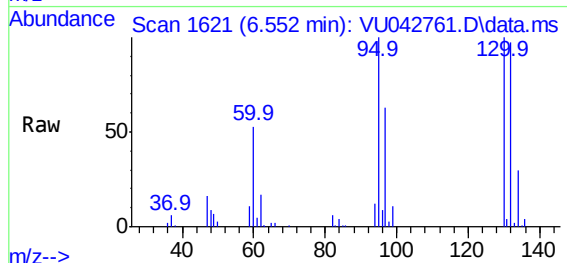




#34
Trichloroethene
Concen: 4.55 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

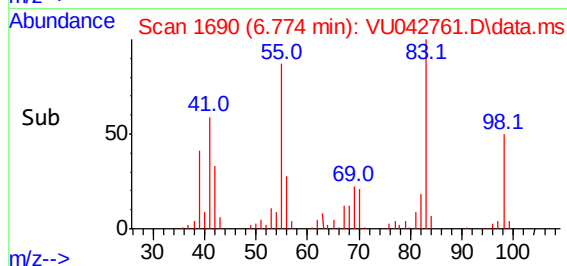
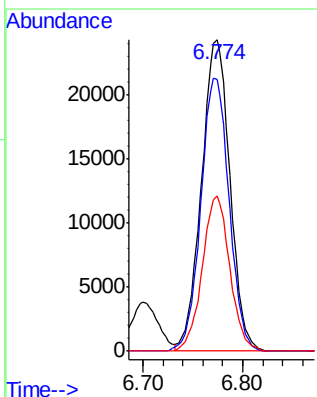
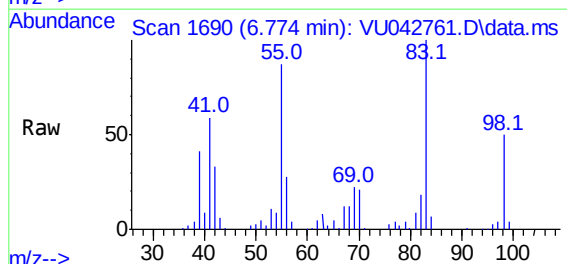
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

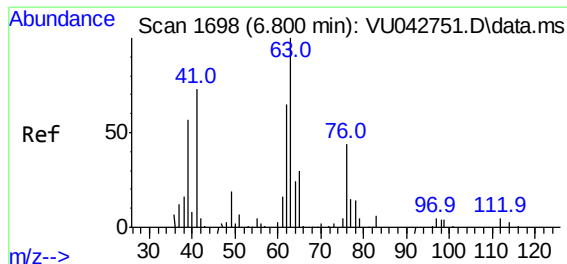
Tgt Ion: 95 Resp: 33967
Ion Ratio Lower Upper
95 100
97 63.3 44.4 82.4
132 96.7 68.0 126.4
130 100.1 69.2 128.4



#35
Methylcyclohexane
Concen: 4.21 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 83 Resp: 47853
Ion Ratio Lower Upper
83 100
55 86.9 68.2 102.4
98 47.9 39.7 59.5

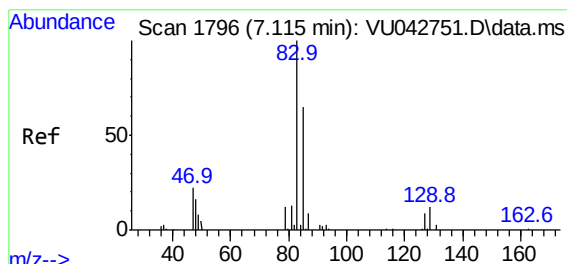
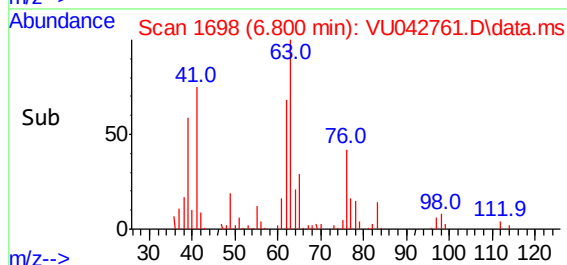
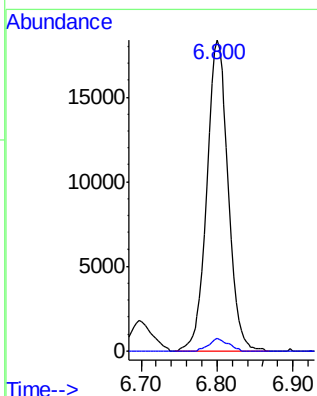
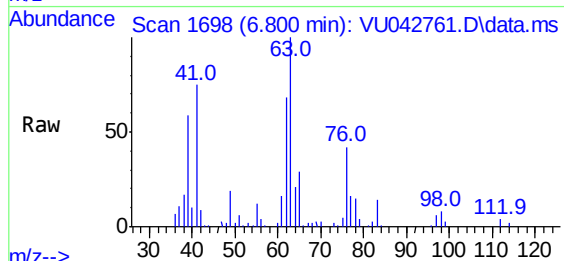




#37
1,2-Dichloropropane
Concen: 4.90 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

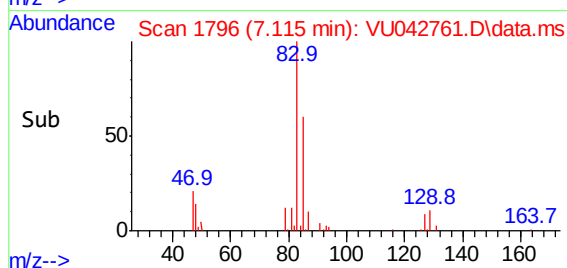
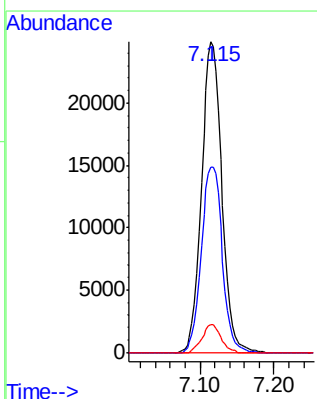
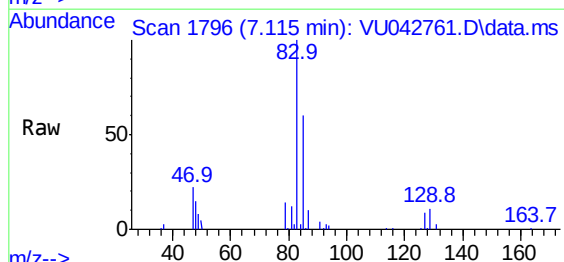
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

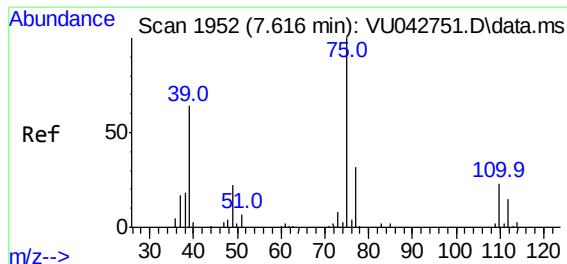
Tgt Ion: 63 Resp: 35637
Ion Ratio Lower Upper
63 100
112 3.6 3.4 5.0



#38
Bromodichloromethane
Concen: 4.97 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 83 Resp: 47177
Ion Ratio Lower Upper
83 100
85 59.7 46.0 85.4
127 9.1 6.8 10.2

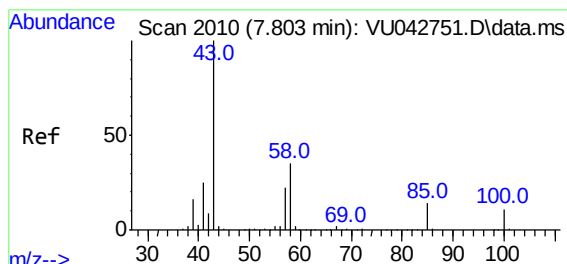
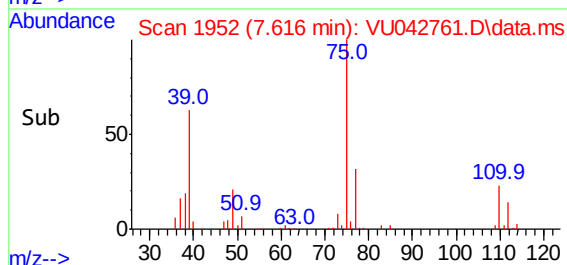
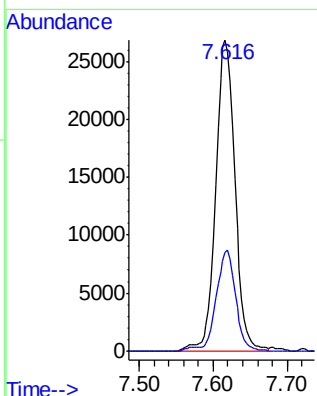
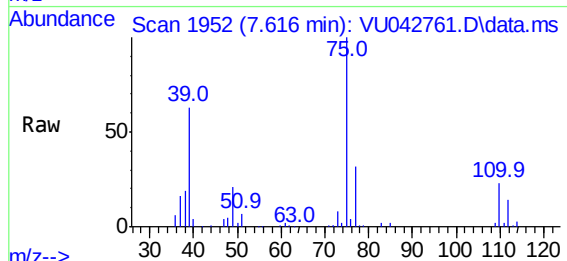




#39
cis-1,3-Dichloropropene
Concen: 4.58 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

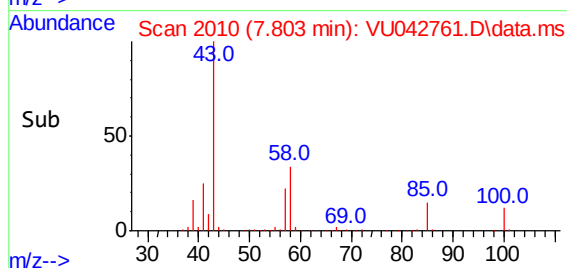
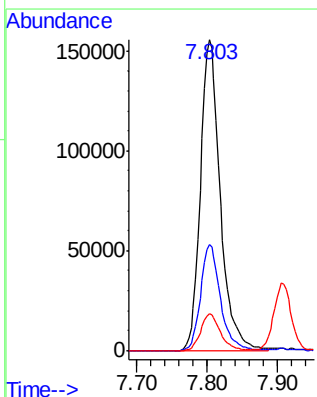
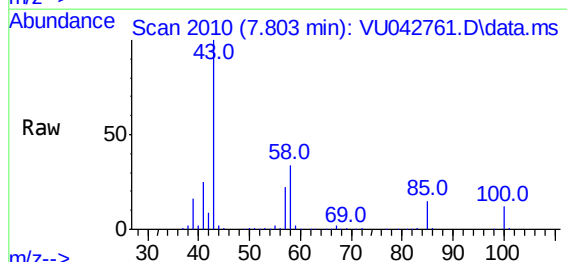
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

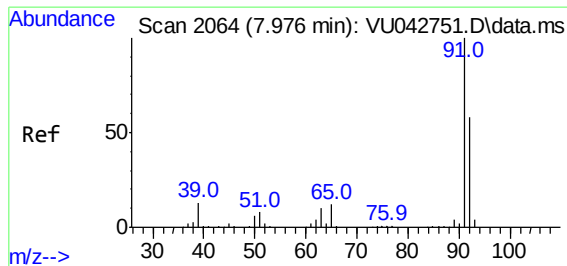
Tgt Ion: 75 Resp: 48517
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 47.61 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 43 Resp: 301777
Ion Ratio Lower Upper
43 100
58 34.1 29.1 43.7
100 11.7 11.0 16.4

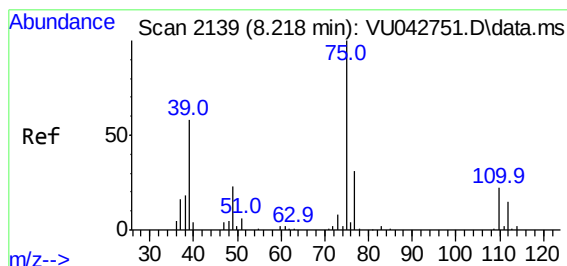
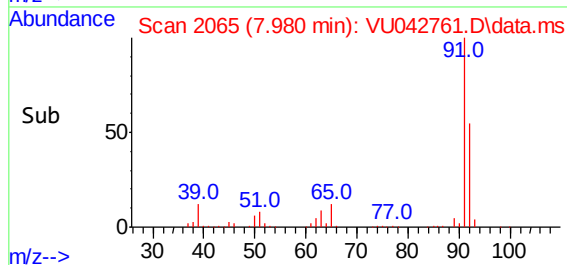
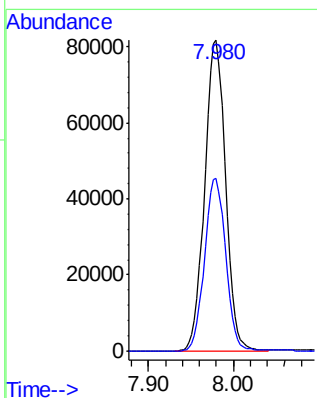
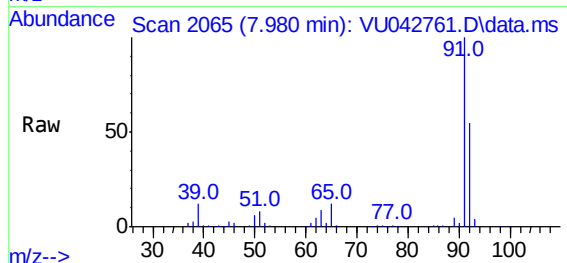




#42
Toluene
Concen: 4.74 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

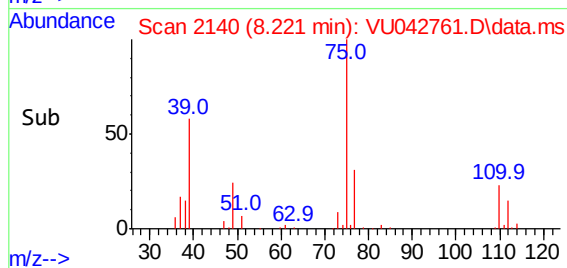
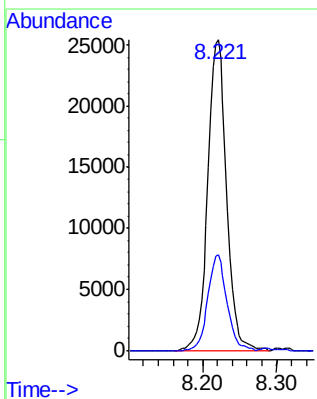
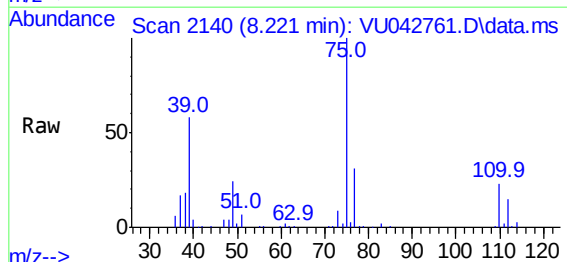
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

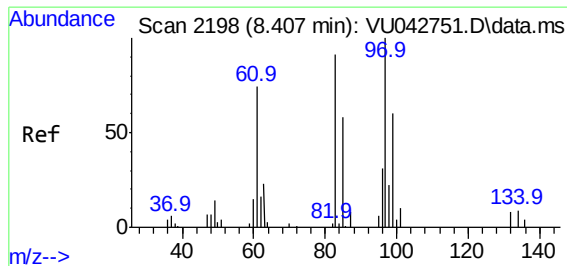
Tgt Ion: 91 Resp: 139191
Ion Ratio Lower Upper
91 100
92 55.3 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.56 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 75 Resp: 44569
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.4



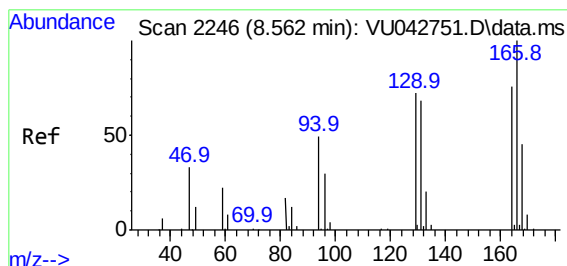
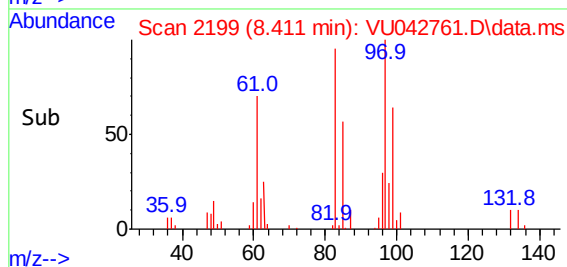
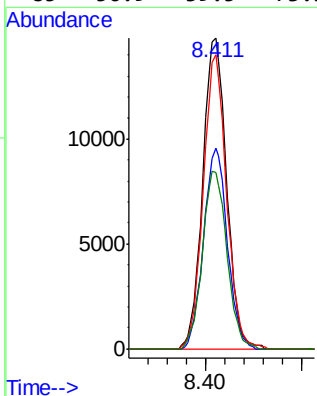
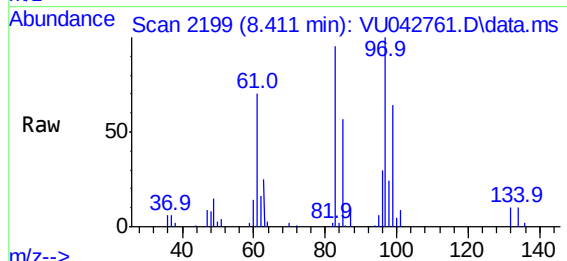


#45
1,1,2-Trichloroethane
Concen: 4.73 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

Tgt Ion: 97 Resp: 25360

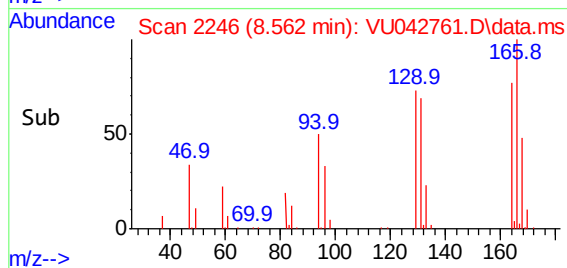
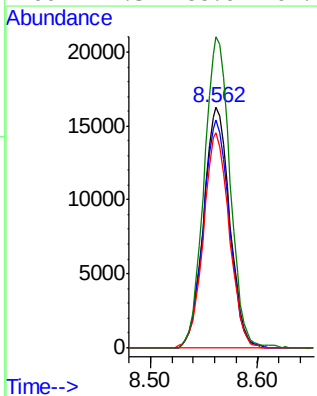
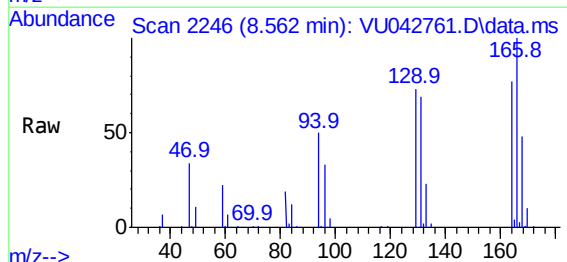
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.0	81.8
83	94.8	57.6	107.0
85	56.9	39.5	73.3

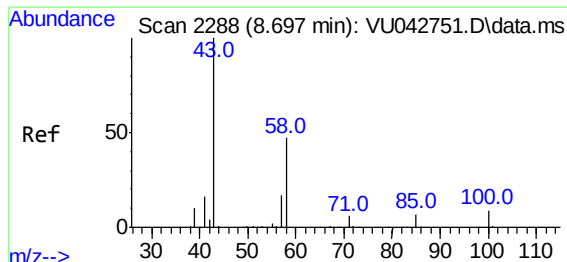


#47
Tetrachloroethene
Concen: 4.47 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 164 Resp: 27182

Ion	Ratio	Lower	Upper
164	100		
129	94.5	64.3	119.5
131	89.6	62.2	115.6
166	129.3	88.6	164.6

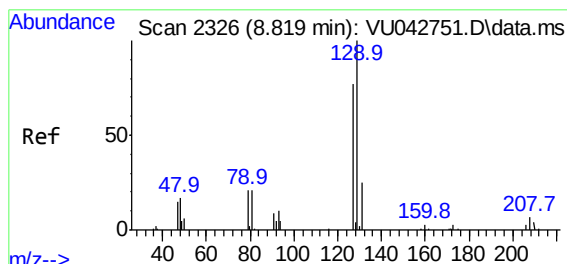
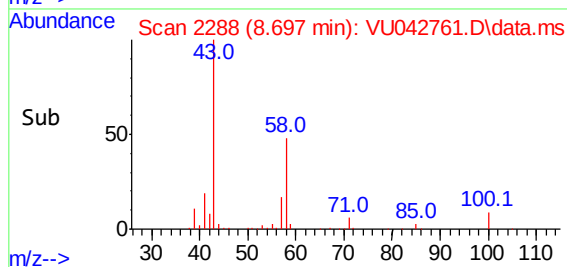
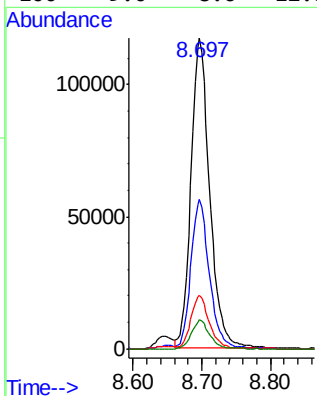
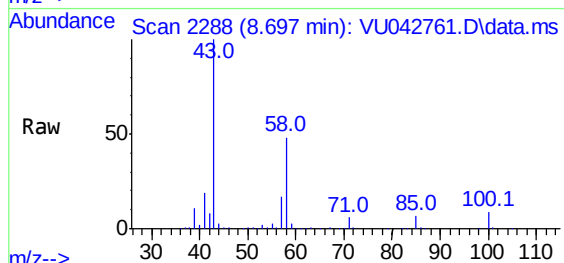




#48
2-Hexanone
Concen: 47.42 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

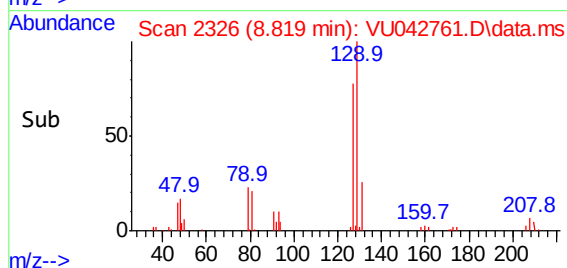
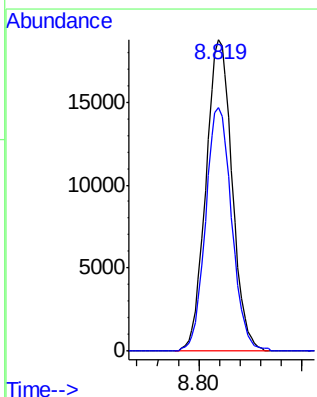
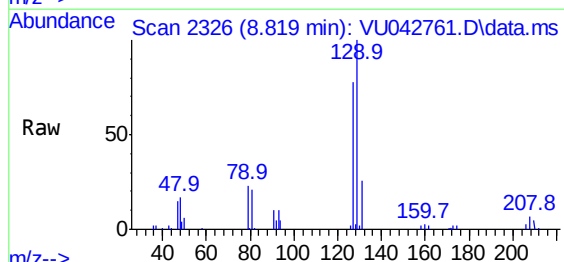
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

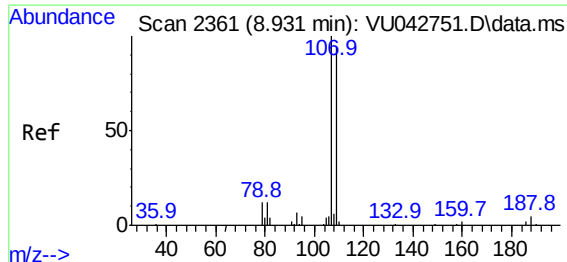
Tgt Ion: 43 Resp: 221754
Ion Ratio Lower Upper
43 100
58 47.1 40.6 61.0
57 16.7 14.9 22.3
100 9.0 8.6 12.8



#49
Dibromochloromethane
Concen: 4.92 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 129 Resp: 33038
Ion Ratio Lower Upper
129 100
127 78.1 52.3 97.1





#50

1,2-Dibromoethane

Concen: 4.87 ug/L

RT: 8.935 min Scan# 2362

Delta R.T. 0.003 min

Lab File: VU042761.D

Acq: 22 Mar 2021 15:11

Instrument :

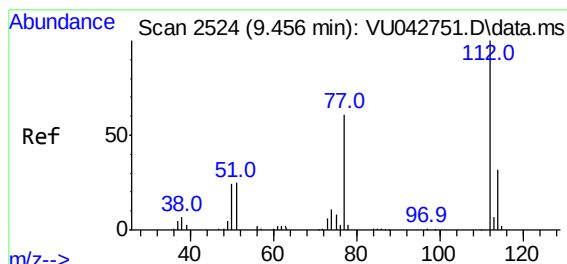
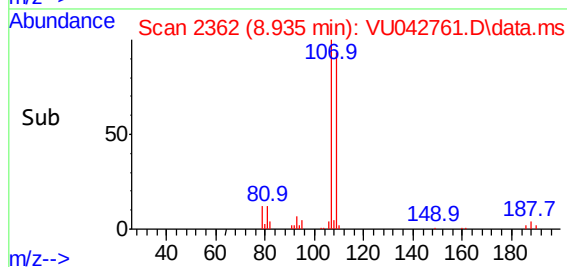
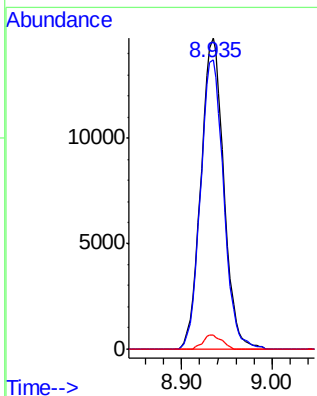
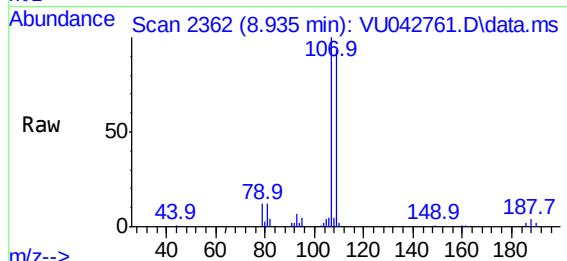
MSVOA_U

ClientSampleId :

VSTD00512

Tgt Ion:107 Resp: 25765

Ion	Ratio	Lower	Upper
107	100		
109	93.2	65.5	121.6
188	4.2	3.4	5.2



#51

Chlorobenzene

Concen: 4.75 ug/L

RT: 9.456 min Scan# 2524

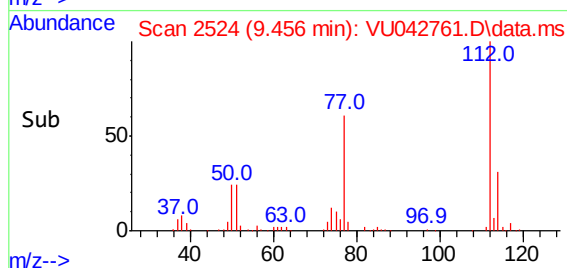
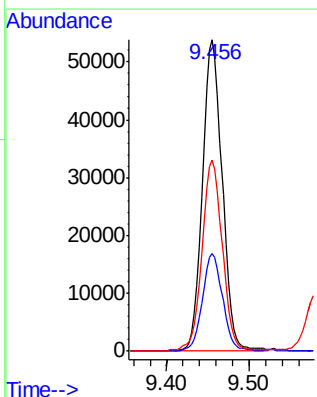
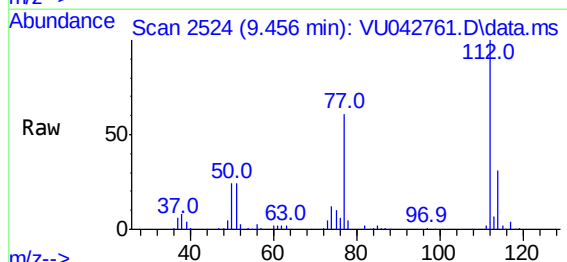
Delta R.T. -0.000 min

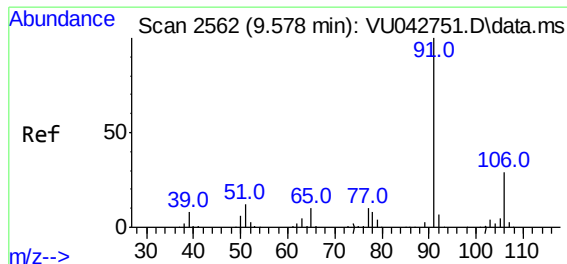
Lab File: VU042761.D

Acq: 22 Mar 2021 15:11

Tgt Ion:112 Resp: 89244

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.0	41.0
77	61.3	49.8	74.6

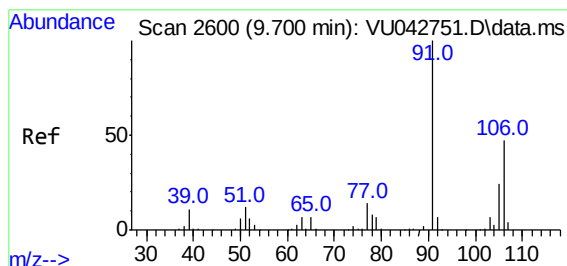
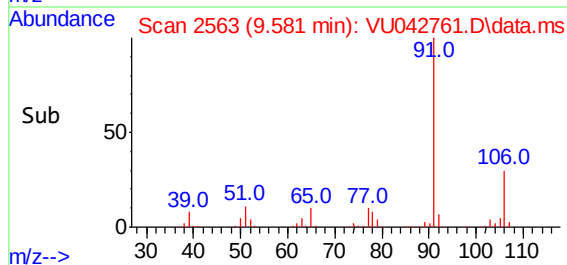
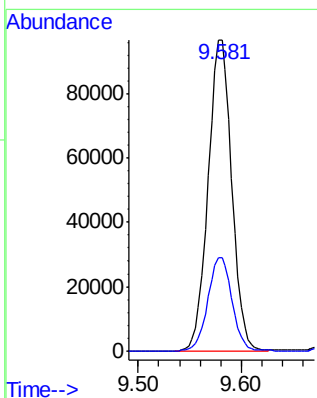
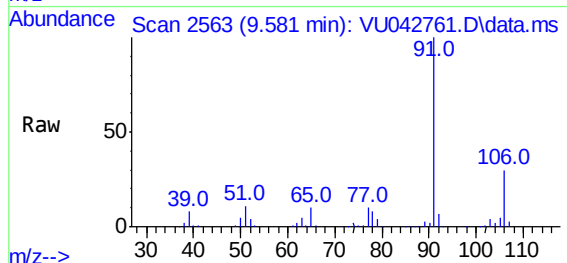




#52
Ethylbenzene
Concen: 4.64 ug/L
RT: 9.581 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

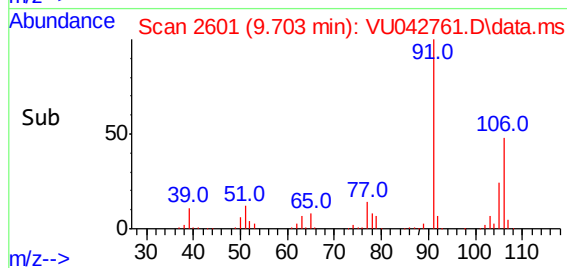
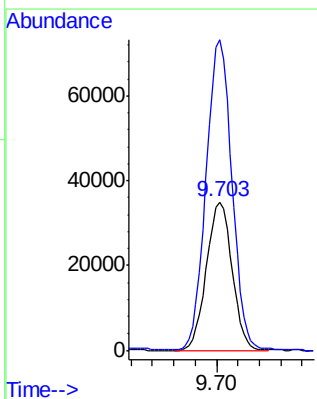
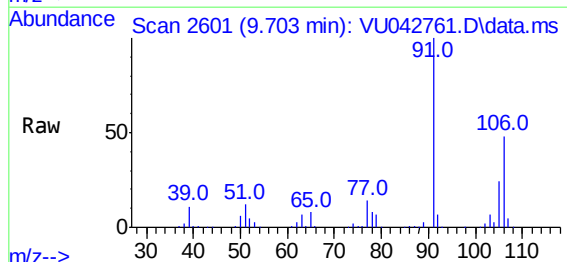
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

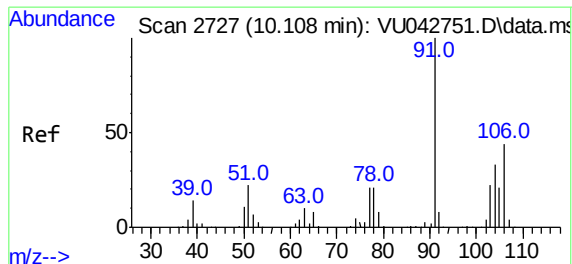
Tgt Ion: 91 Resp: 153553
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.3



#53
m,p-Xylene
Concen: 4.72 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 106 Resp: 57805
Ion Ratio Lower Upper
106 100
91 209.2 145.1 269.5

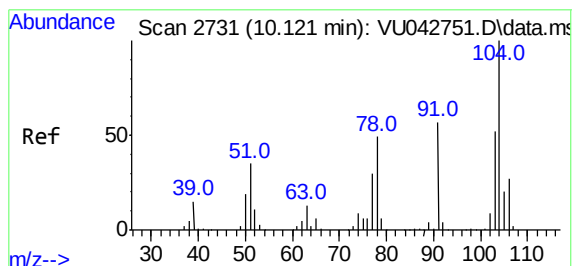
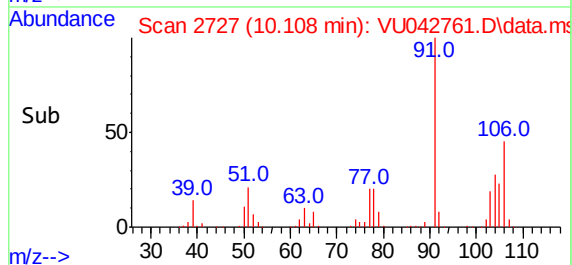
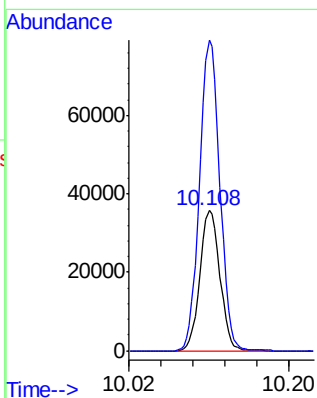
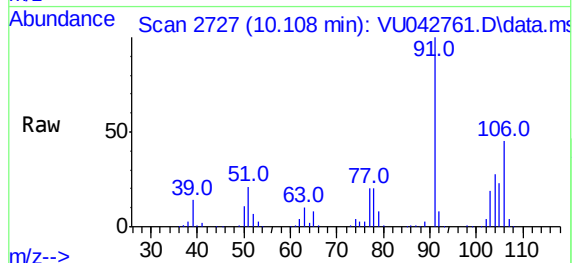




#54
o-Xylene
Concen: 4.78 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

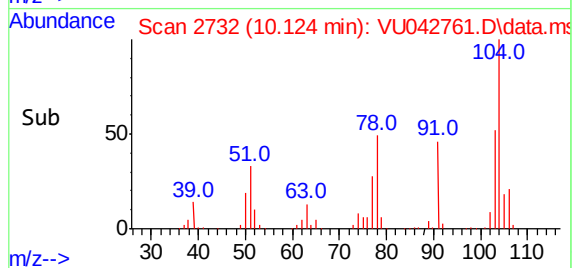
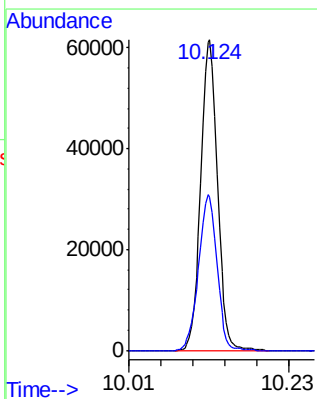
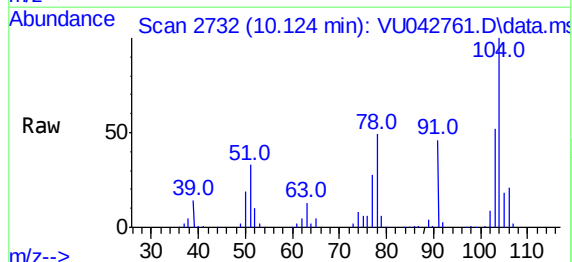
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

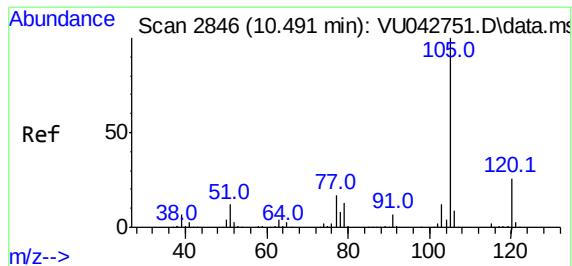
Tgt Ion:106 Resp: 56698
Ion Ratio Lower Upper
106 100
91 221.8 153.0 284.2



#55
Styrene
Concen: 4.93 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion:104 Resp: 99323
Ion Ratio Lower Upper
104 100
78 49.2 34.9 64.7

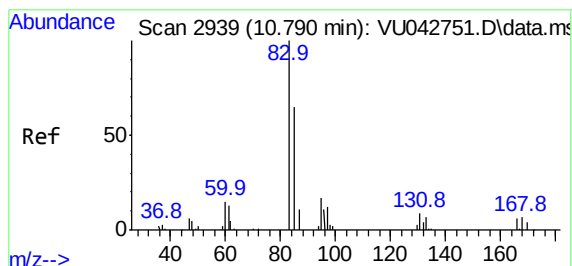
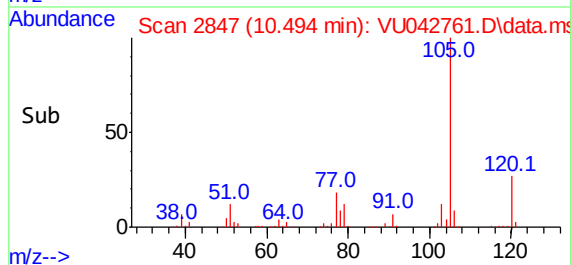
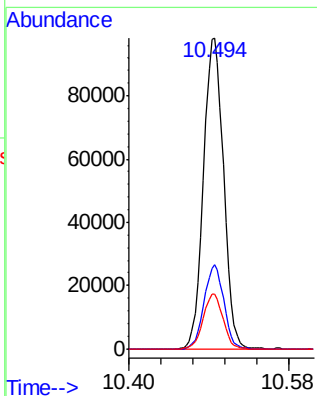
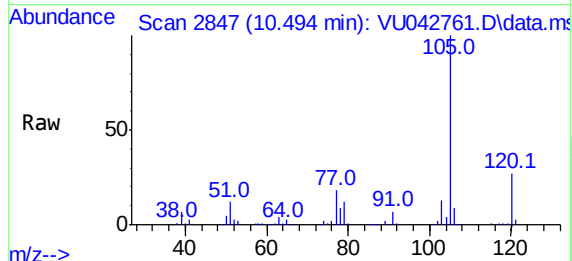




#56
Isopropylbenzene
Concen: 4.79 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

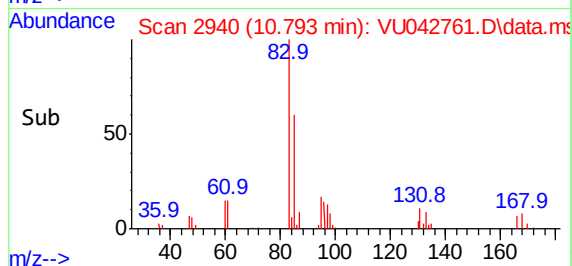
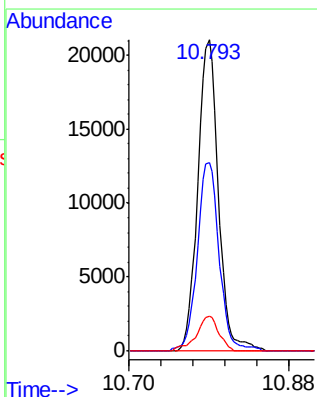
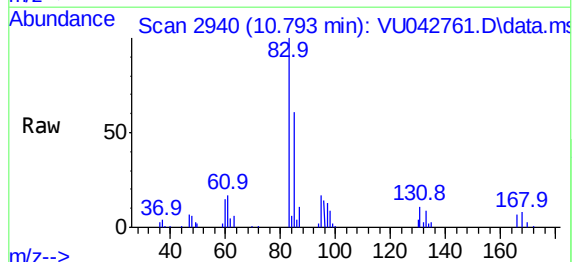
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

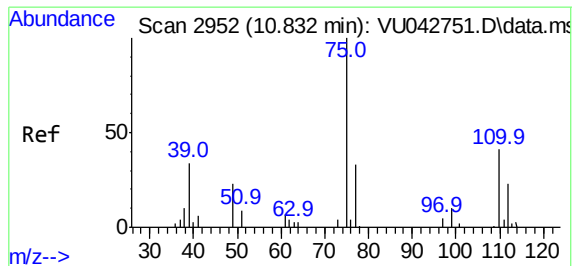
Tgt Ion:105 Resp: 156086
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 17.3 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.77 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 83 Resp: 34248
Ion Ratio Lower Upper
83 100
85 60.6 44.4 82.4
131 10.9 8.6 12.8

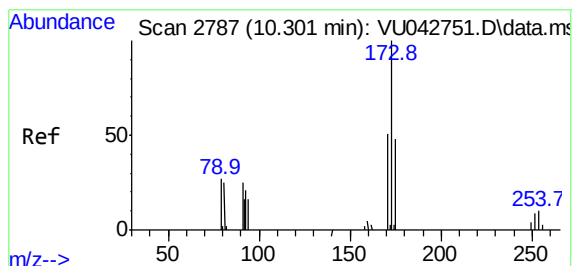
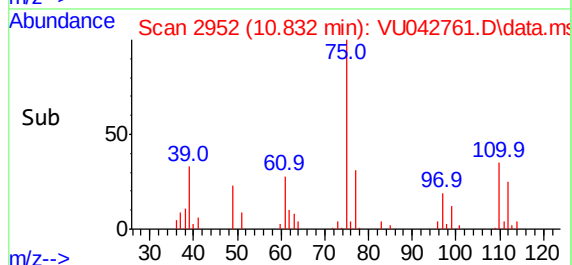
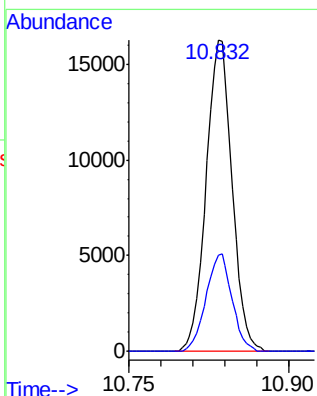
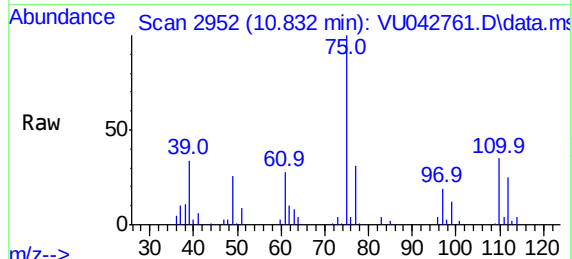




#59
1,2,3-Trichloropropane
Concen: 4.82 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

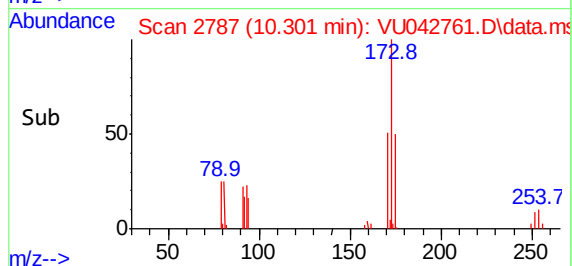
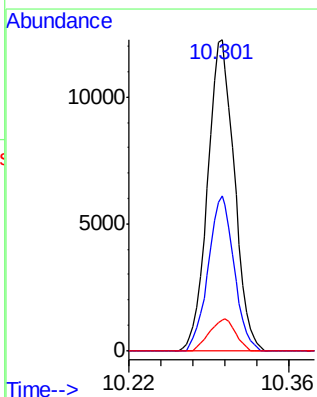
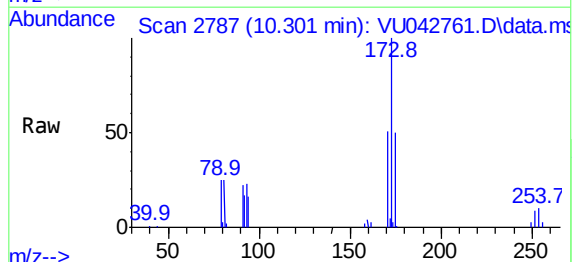
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

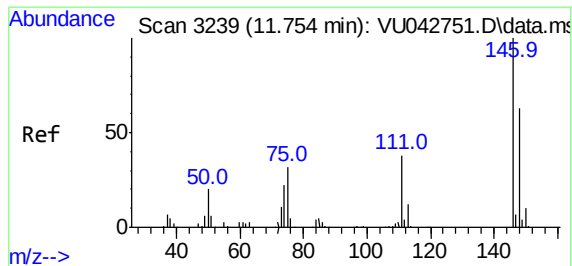
Tgt Ion: 75 Resp: 26314
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0



#61
Bromoform
Concen: 4.84 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion:173 Resp: 20397
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
254 9.7 7.9 11.9

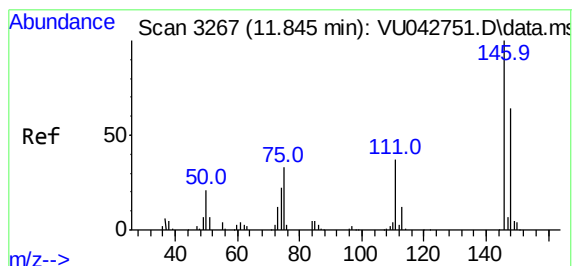
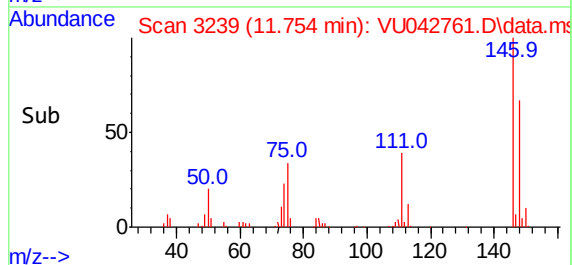
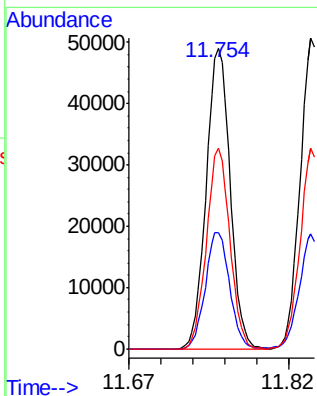
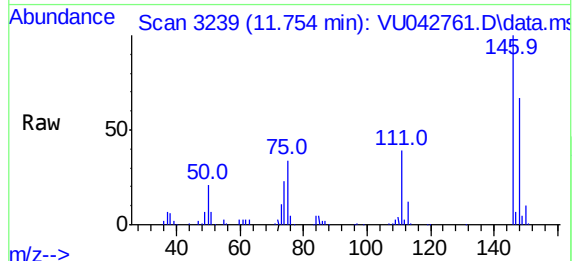




#62
1,3-Dichlorobenzene
Concen: 4.89 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

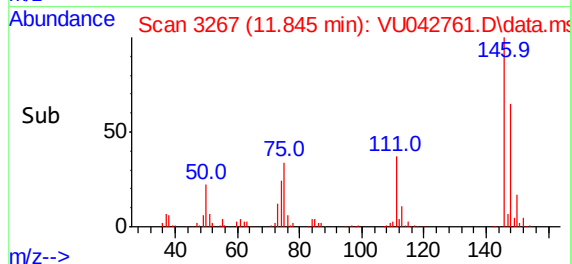
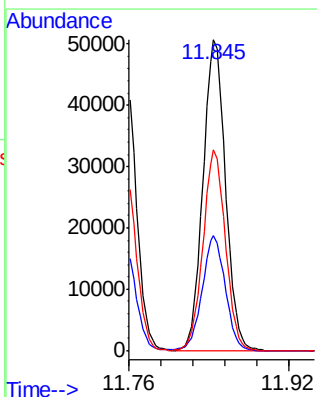
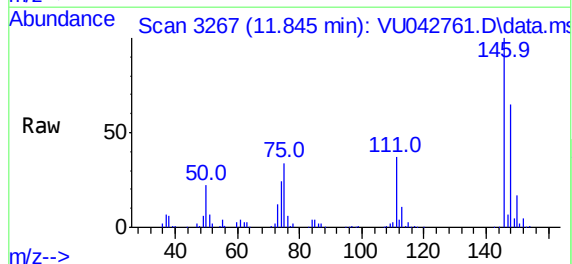
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

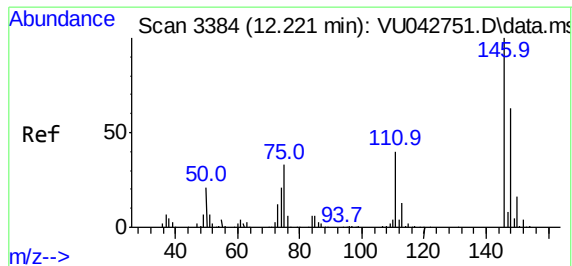
Tgt Ion:146 Resp: 78940
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 66.6 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 4.95 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion:146 Resp: 79470
Ion Ratio Lower Upper
146 100
111 37.1 25.8 47.8
148 64.5 44.1 81.9

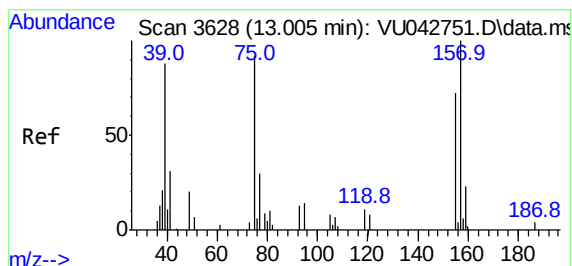
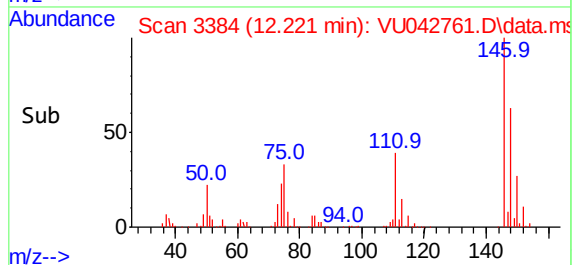
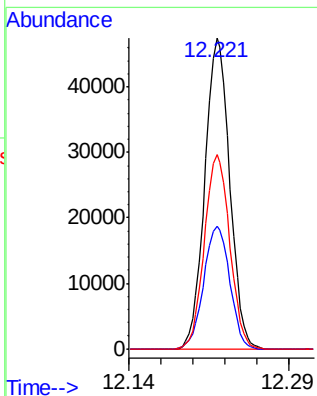
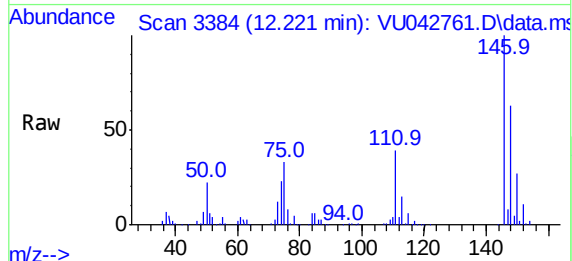




#65
1,2-Dichlorobenzene
Concen: 4.90 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

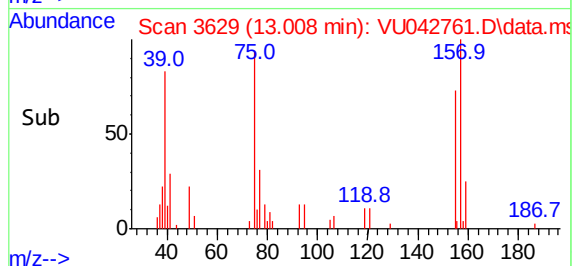
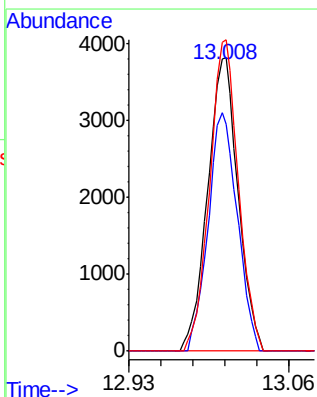
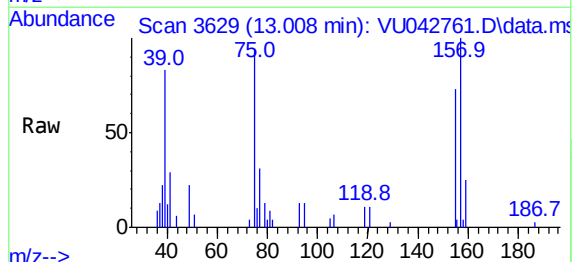
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MSVOA_U
ClientSampleId :
VSTD00512

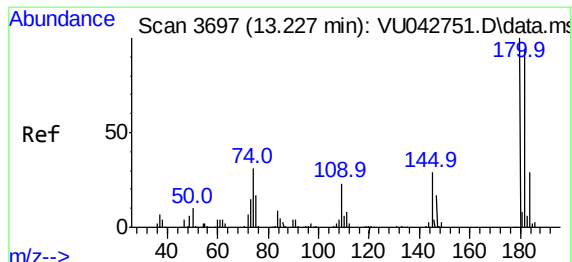
Tgt Ion:146 Resp: 75971
Ion Ratio Lower Upper
146 100
111 39.5 32.7 49.1
148 62.7 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.70 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion: 75 Resp: 6127
Ion Ratio Lower Upper
75 100
155 77.5 69.0 103.6
157 106.2 91.0 136.6

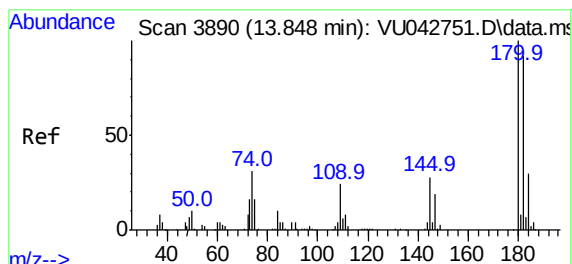
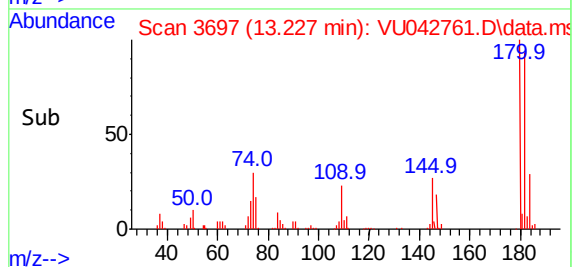
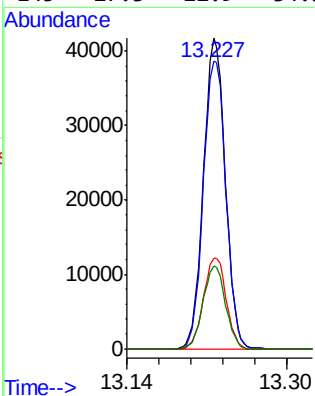
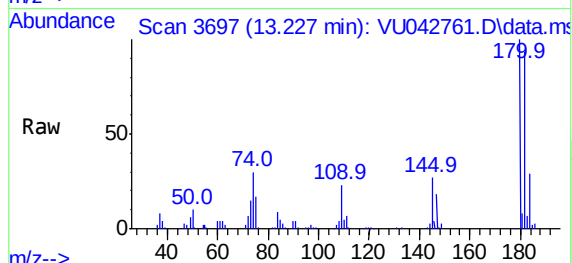




#67
 1,3,5-Trichlorobenzene
 Concen: 4.69 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. -0.000 min
 Lab File: VU042761.D
 Acq: 22 Mar 2021 15:11

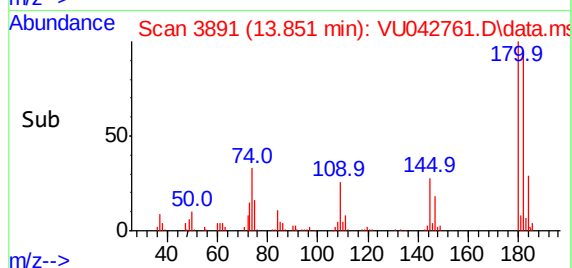
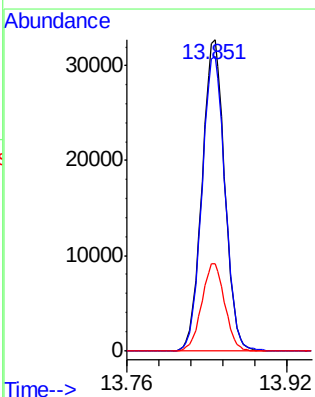
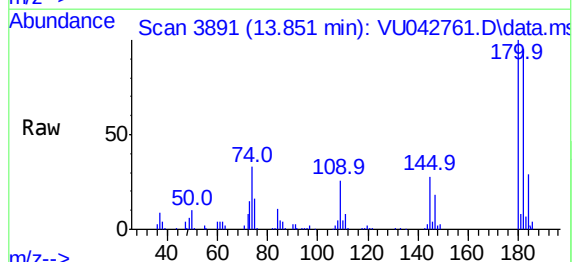
Instrument :
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 ClientSampleId :
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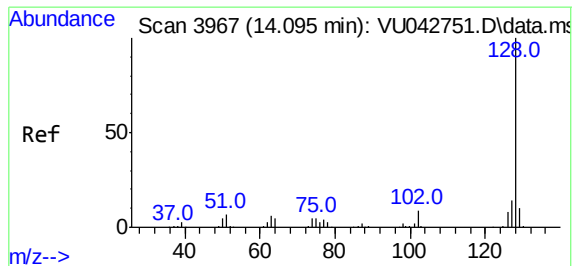
Tgt Ion:180 Resp: 65465
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 184 30.2 23.9 35.9
 145 27.3 22.9 34.3



#68
 1,2,4-trichlorobenzene
 Concen: 4.43 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.003 min
 Lab File: VU042761.D
 Acq: 22 Mar 2021 15:11

Tgt Ion:180 Resp: 51235
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.3 114.5
 145 28.2 23.7 35.5

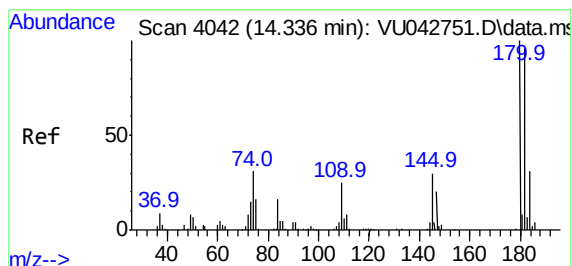
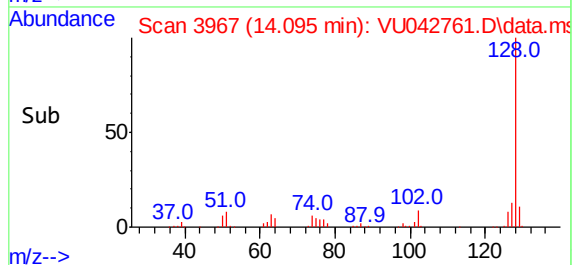
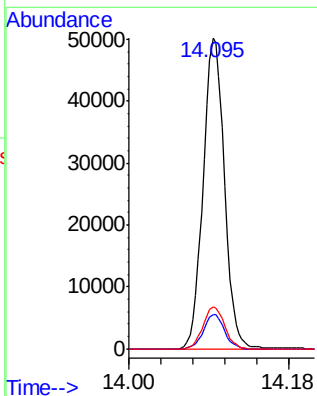
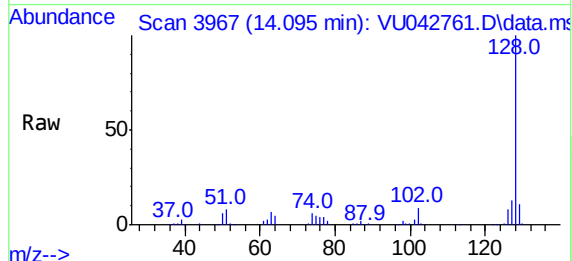




#69
Naphthalene
Concen: 4.34 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

Tgt Ion:128 Resp: 81535
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.6 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.62 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU042761.D
Acq: 22 Mar 2021 15:11

Tgt Ion:180 Resp: 48532
Ion Ratio Lower Upper
180 100
182 97.0 75.6 113.4
145 29.6 24.7 37.1

