

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042845.D
 Acq On : 30 Mar 2021 17:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Mar 31 02:12:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 31 02:07:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	79208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44730	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18973	3.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	74.60%		
7) Chloroethane-d5	1.922	69	17437	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	90.60%		
11) 1,1-Dichloroethene-d2	2.578	63	49047	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.40%		
20) 2-Butanone-d5	4.645	46	86172	51.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	103.32%		
24) Chloroform-d	5.073	84	50572	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	100.60%		
26) 1,2-Dichloroethane-d4	5.713	65	30535	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	98.80%		
32) Benzene-d6	5.739	84	84634	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.20%		
36) 1,2-Dichloropropane-d6	6.700	67	28599	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.40%		
41) Toluene-d8	7.906	98	82440	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.00%		
43) trans-1,3-Dichloroprop...	8.185	79	12276	4.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	83.80%		
46) 2-Hexanone-d5	8.645	63	72579	51.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	103.58%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28440	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	102.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	36088	4.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.00%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	33427	4.71	ug/L	98
3) Chloromethane	1.523	50	31927	4.75	ug/L	98
5) Vinyl chloride	1.610	62	32143	4.77	ug/L	98
6) Bromomethane	1.864	94	19155	5.15	ug/L	98
8) Chloroethane	1.941	64	19454	4.83	ug/L	97
9) Trichlorofluoromethane	2.147	101	55432	5.04	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	27853	4.82	ug/L	98
12) 1,1-Dichloroethene	2.588	96	25353	4.72	ug/L	86
13) Acetone	2.661	43	42737	33.25	ug/L	95
14) Carbon disulfide	2.803	76	81392	4.76	ug/L	99
15) Methyl Acetate	2.964	43	12197	3.82	ug/L	99
16) Methylene chloride	3.054	84	29834	4.64	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	67482	4.47	ug/L	98
18) trans-1,2-Dichloroethene	3.366	96	26154	4.63	ug/L	98
19) 1,1-Dichloroethane	3.880	63	50477	4.64	ug/L	100
21) 2-Butanone	4.726	43	103158	47.21	ug/L	90
22) cis-1,2-Dichloroethene	4.677	96	28211	4.68	ug/L	100
23) Bromochloromethane	4.986	128	13866	4.83	ug/L	97
25) Chloroform	5.102	83	55180	4.82	ug/L	96
27) 1,2-Dichloroethane	5.806	62	39711	4.63	ug/L #	95

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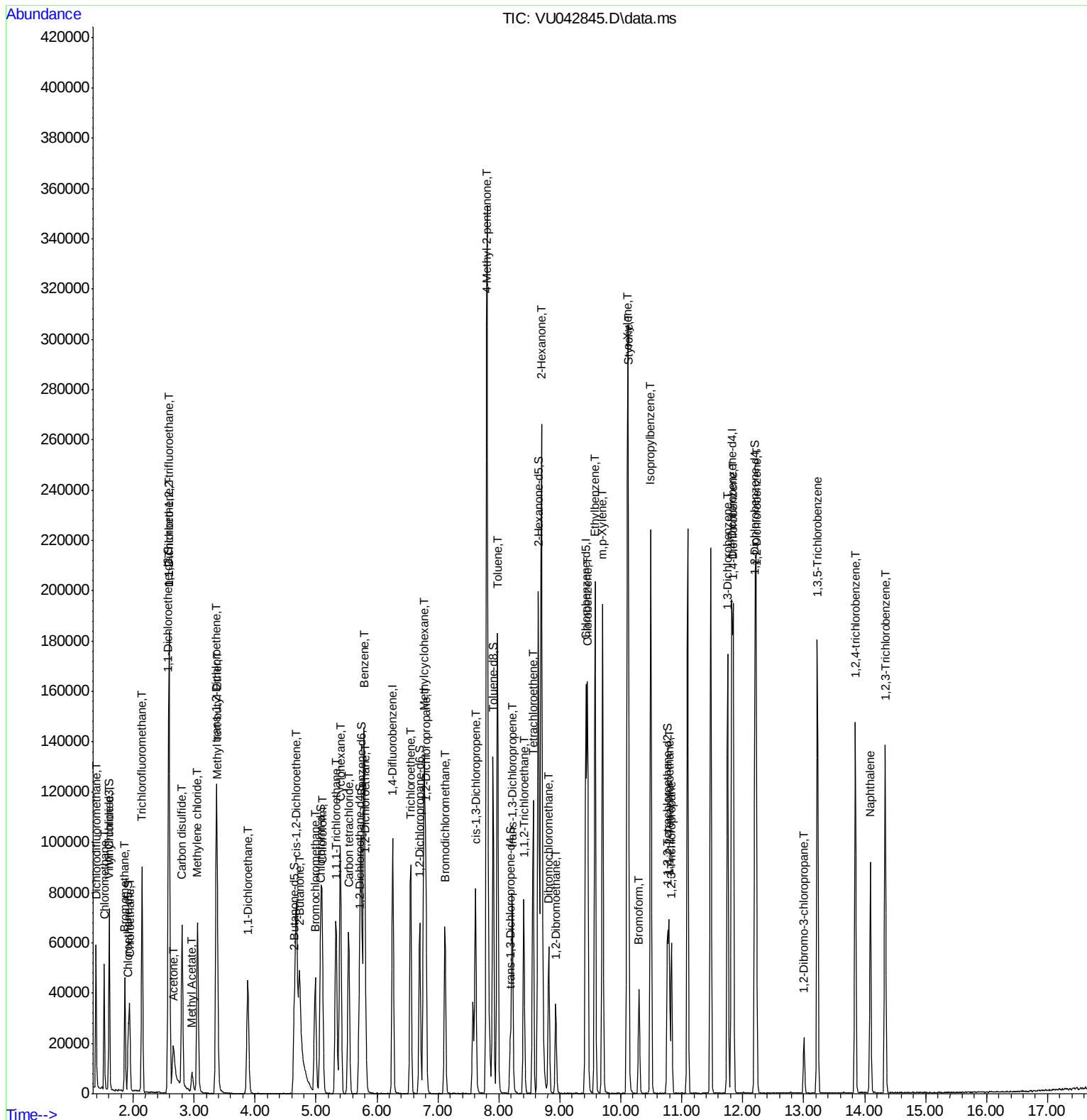
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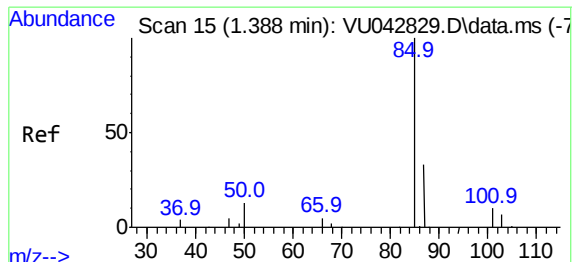
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.330	97	48933	4.44	ug/L	97
30) Cyclohexane	5.401	56	45615	4.15	ug/L	99
31) Carbon tetrachloride	5.533	117	42693	4.39	ug/L	100
33) Benzene	5.784	78	111416	4.50	ug/L	100
34) Trichloroethene	6.552	95	29177	4.25	ug/L	97
35) Methylcyclohexane	6.774	83	44180	4.23	ug/L	98
37) 1,2-Dichloropropane	6.800	63	30658	4.58	ug/L #	97
38) Bromodichloromethane	7.115	83	40231	4.61	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	41941	4.30	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	274922	47.13	ug/L	96
42) Toluene	7.976	91	124641	4.61	ug/L	94
44) trans-1,3-Dichloropropene	8.218	75	40088	4.46	ug/L	100
45) 1,1,2-Trichloroethane	8.410	97	22751	4.61	ug/L	96
47) Tetrachloroethene	8.562	164	24853	4.44	ug/L	95
48) 2-Hexanone	8.697	43	203913	47.38	ug/L	96
49) Dibromochloromethane	8.816	129	27889	4.52	ug/L	94
50) 1,2-Dibromoethane	8.931	107	23122	4.75	ug/L #	98
51) Chlorobenzene	9.455	112	77871	4.51	ug/L	99
52) Ethylbenzene	9.578	91	132206	4.34	ug/L	99
53) m,p-Xylene	9.700	106	50283	4.46	ug/L	98
54) o-Xylene	10.108	106	49295	4.52	ug/L	98
55) Styrene	10.121	104	84234	4.54	ug/L	97
56) Isopropylbenzene	10.491	105	132791	4.43	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	30030	4.54	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	22961	4.57	ug/L	100
61) Bromoform	10.298	173	18126	4.49	ug/L	97
62) 1,3-Dichlorobenzene	11.751	146	66600	4.31	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	67616	4.40	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	63690	4.29	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.002	75	5274	4.23	ug/L	81
67) 1,3,5-Trichlorobenzene	13.227	180	55258	4.13	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	42429	3.83	ug/L	98
69) Naphthalene	14.095	128	69484	3.86	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	40648	4.05	ug/L	98

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

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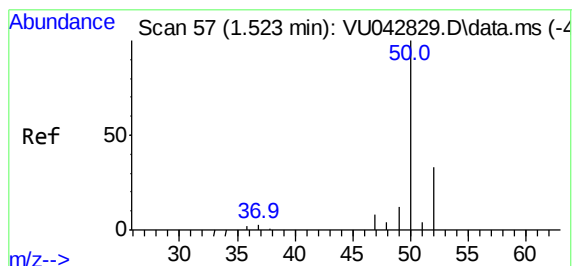
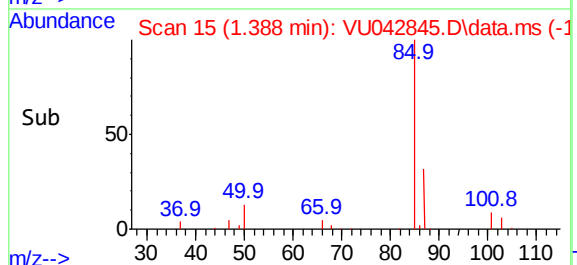
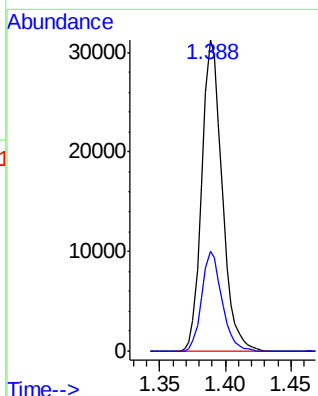
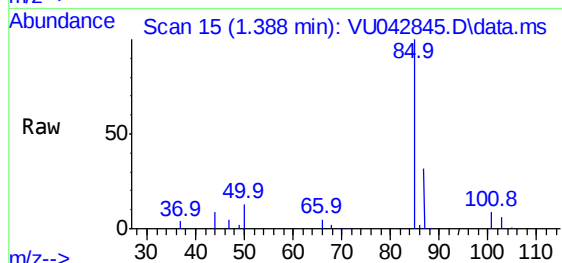




#2
Dichlorodifluoromethane
Concen: 4.71 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

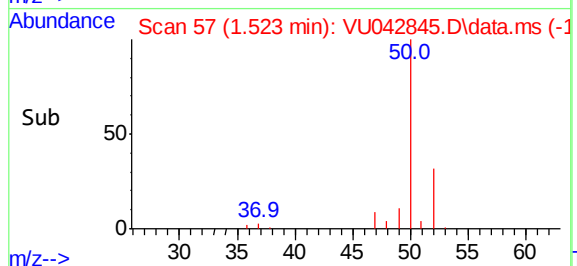
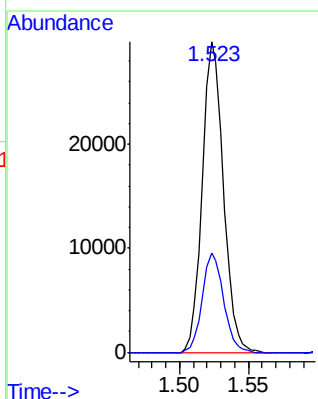
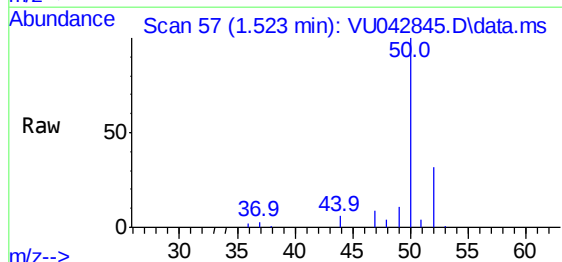
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ClientSampleId :
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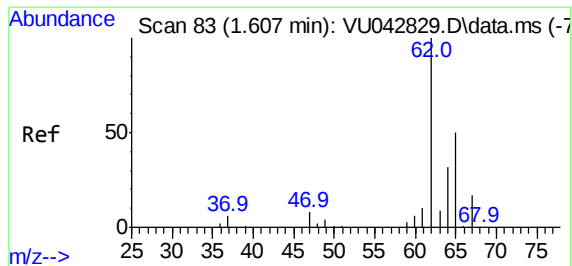
Tgt Ion: 85 Resp: 33427
Ion Ratio Lower Upper
85 100
87 31.6 26.1 39.1



#3
Chloromethane
Concen: 4.75 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 50 Resp: 31927
Ion Ratio Lower Upper
50 100
52 31.9 23.0 42.8

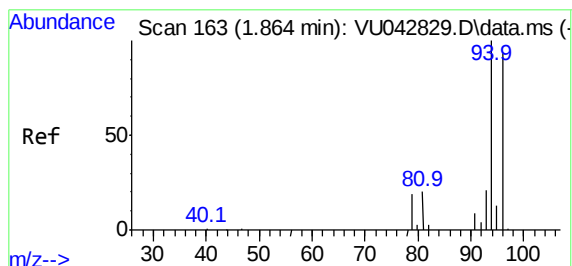
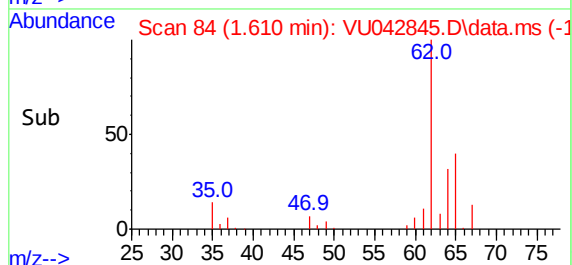
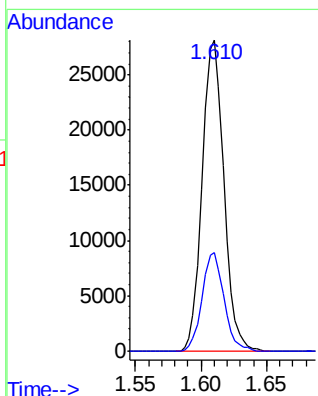
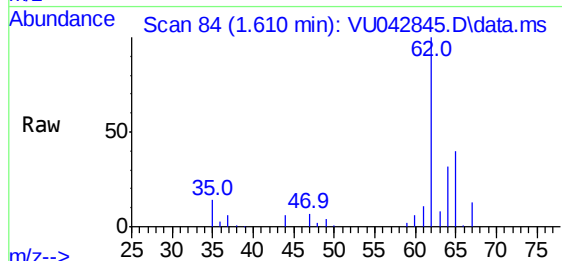




#5
 Vinyl chloride
 Concen: 4.77 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU042845.D
 Acq: 30 Mar 2021 17:51

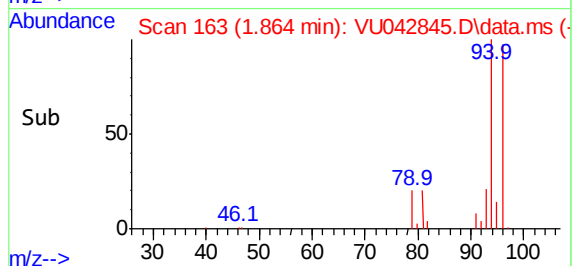
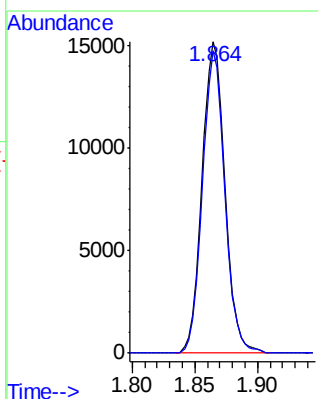
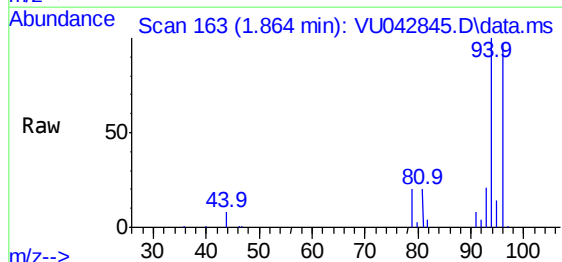
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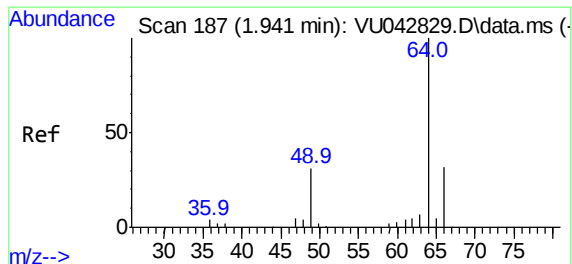
Tgt Ion: 62 Resp: 32143
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.7 42.1



#6
 Bromomethane
 Concen: 5.15 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042845.D
 Acq: 30 Mar 2021 17:51

Tgt Ion: 94 Resp: 19155
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.5 123.5

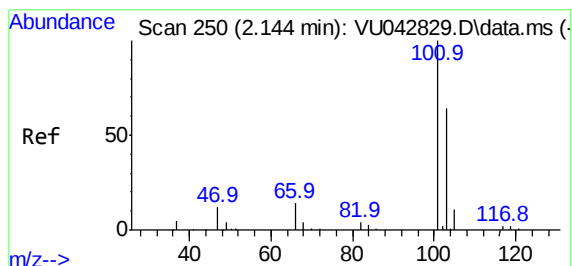
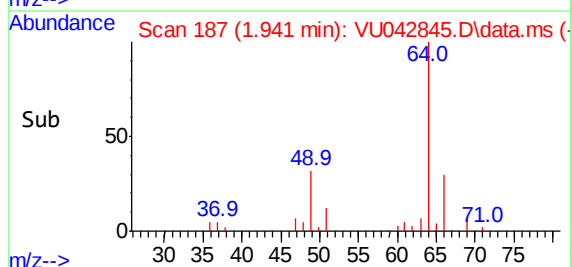
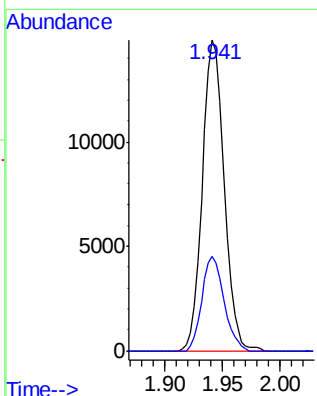
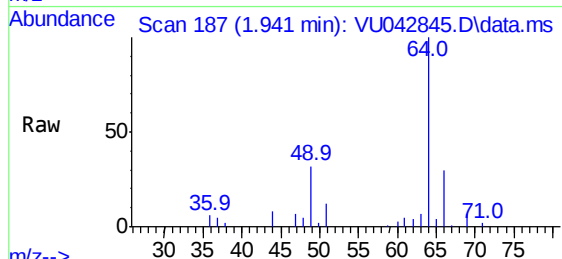




#8
Chloroethane
Concen: 4.83 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

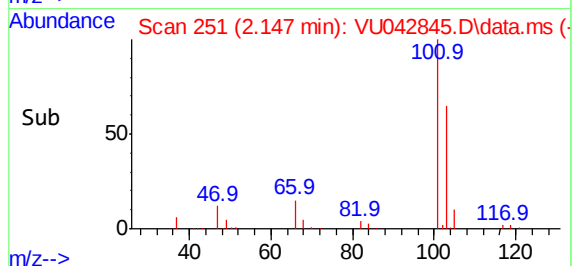
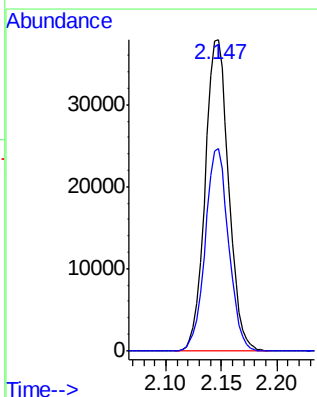
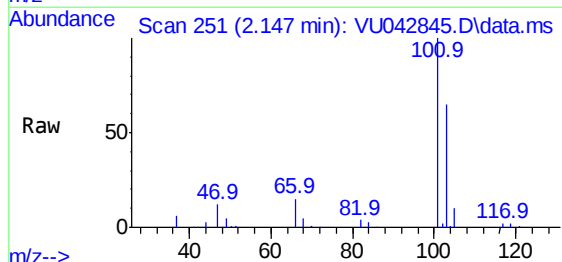
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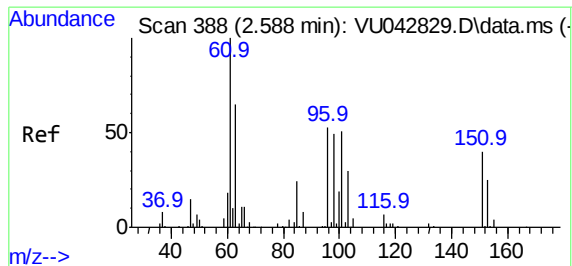
Tgt Ion: 64 Resp: 19454
Ion Ratio Lower Upper
64 100
66 30.2 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.04 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion:101 Resp: 55432
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

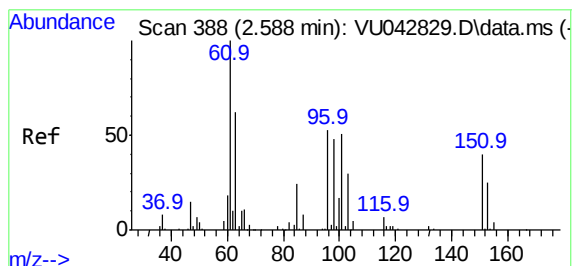
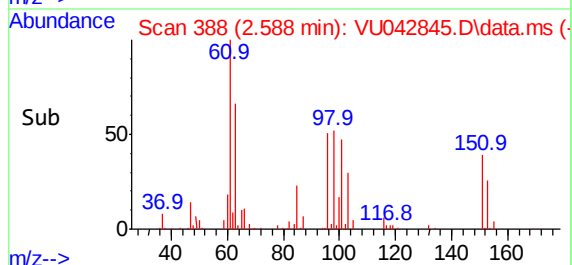
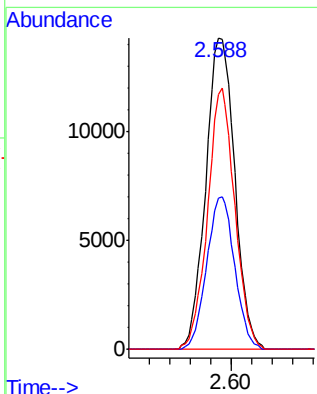
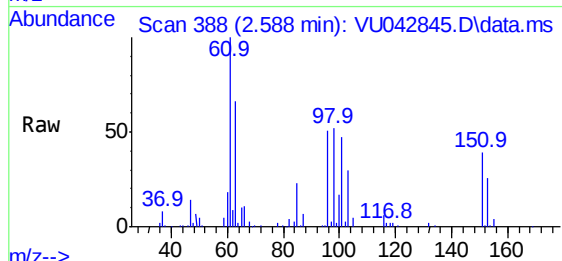




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.82 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042845.D
 Acq: 30 Mar 2021 17:51

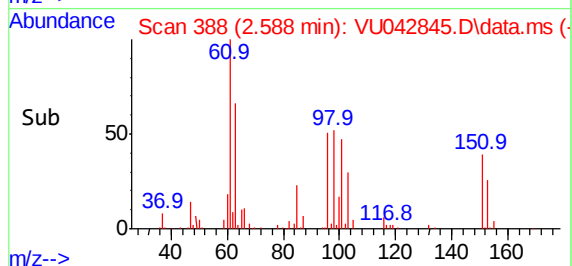
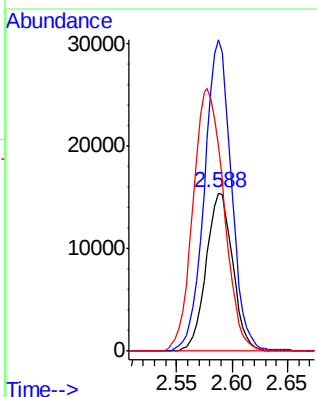
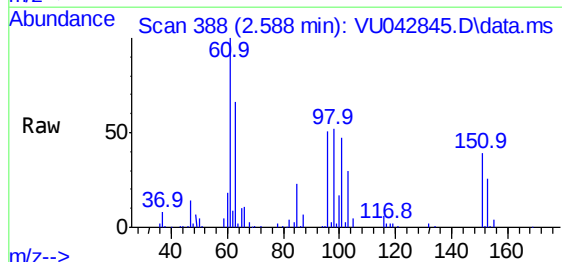
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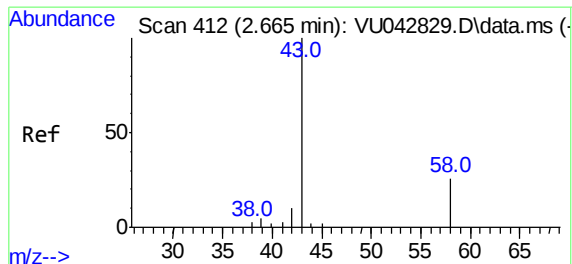
Tgt Ion:101 Resp: 27853
 Ion Ratio Lower Upper
 101 100
 85 47.1 34.6 51.8
 151 78.8 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.72 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042845.D
 Acq: 30 Mar 2021 17:51

Tgt Ion: 96 Resp: 25353
 Ion Ratio Lower Upper
 96 100
 61 197.0 126.2 234.4
 63 130.0 77.8 144.4

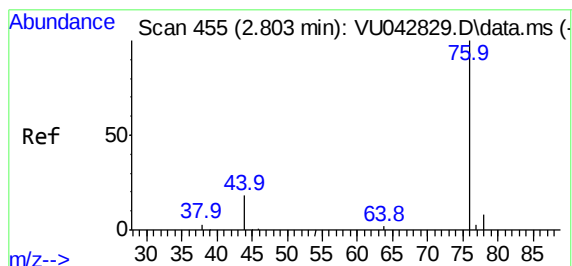
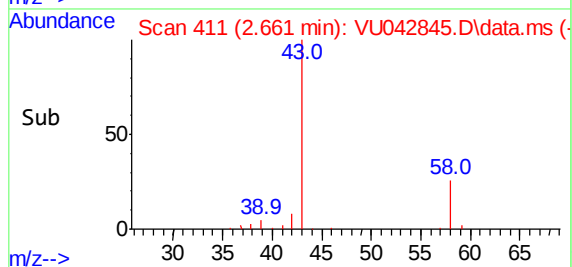
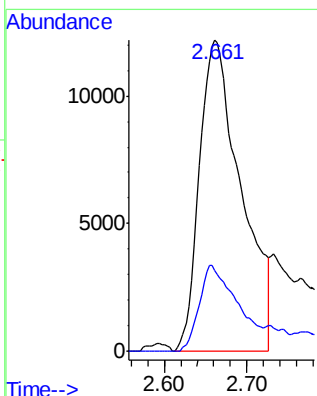
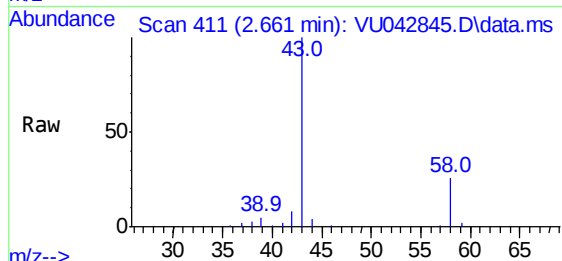




#13
Acetone
Concen: 33.25 ug/L
RT: 2.661 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

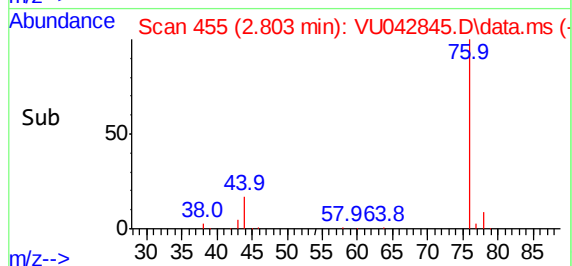
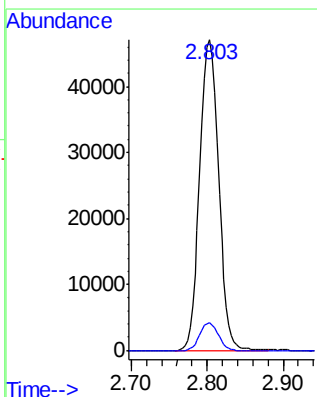
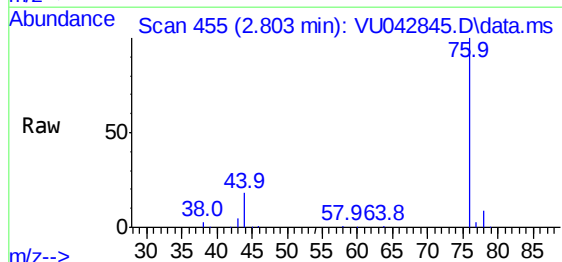
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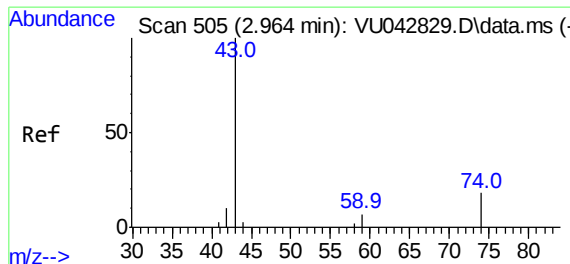
Tgt Ion: 43 Resp: 42737
Ion Ratio Lower Upper
43 100
58 25.3 0.0 55.8



#14
Carbon disulfide
Concen: 4.76 ug/L
RT: 2.803 min Scan# 455
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 76 Resp: 81392
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

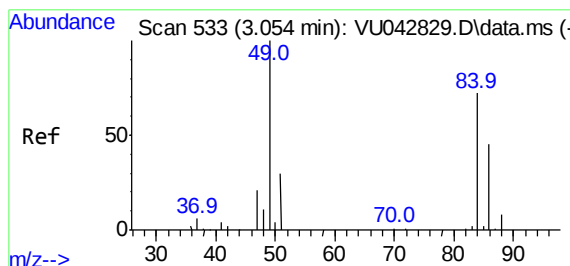
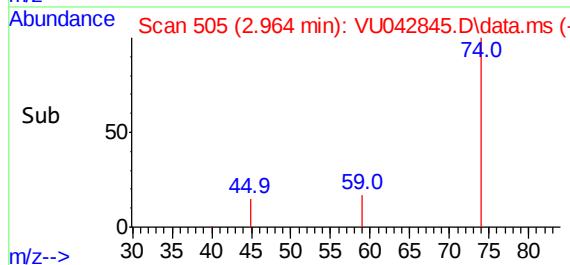
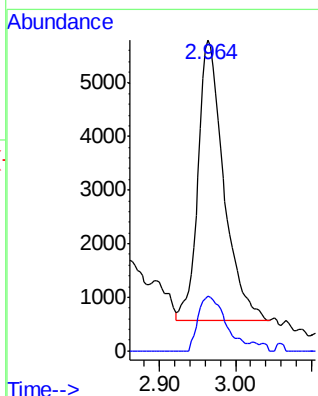
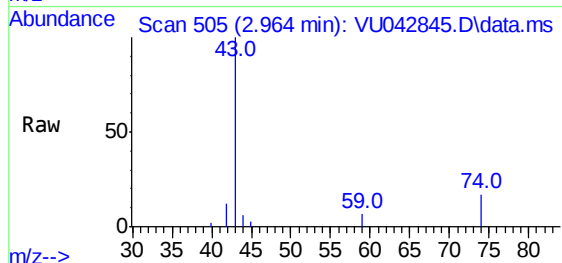




#15
Methyl Acetate
Concen: 3.82 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

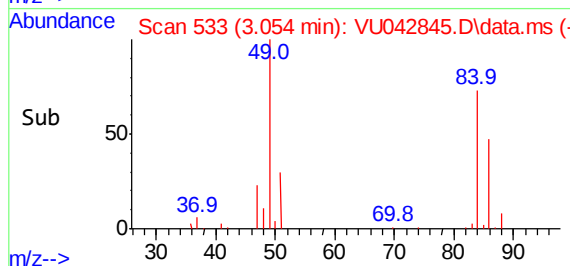
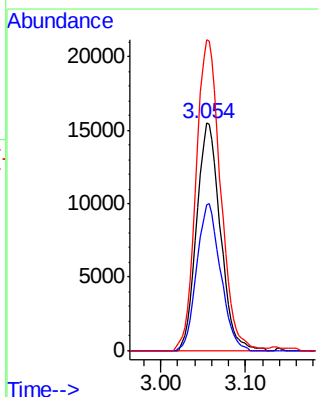
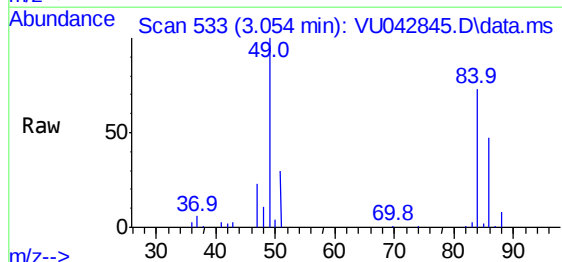
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

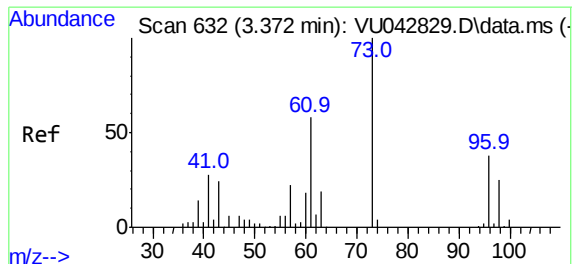
Tgt Ion: 43 Resp: 12197
Ion Ratio Lower Upper
43 100
74 20.8 16.9 25.3



#16
Methylene chloride
Concen: 4.64 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 84 Resp: 29834
Ion Ratio Lower Upper
84 100
86 64.1 44.1 81.9
49 136.7 95.0 176.4

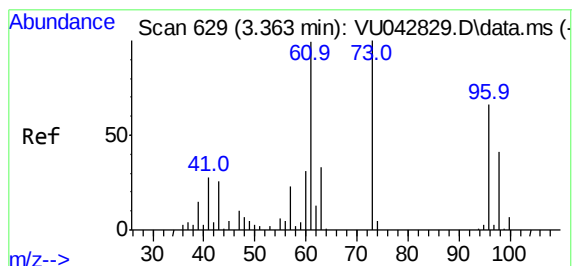
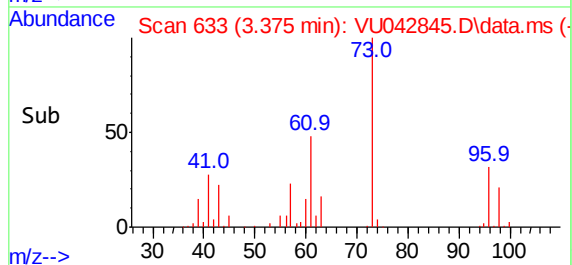
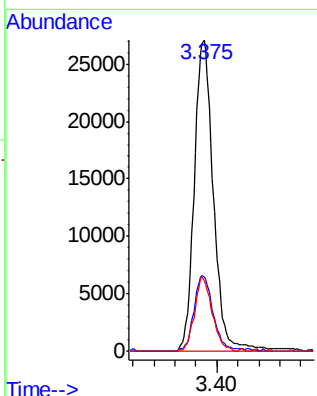
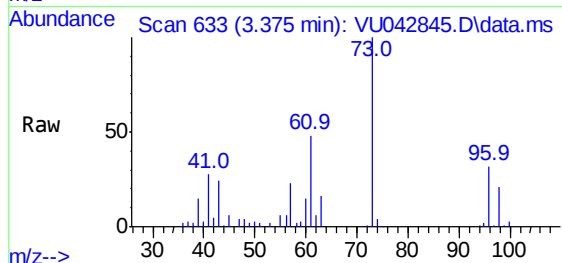




#17
Methyl tert-butyl Ether
Concen: 4.47 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

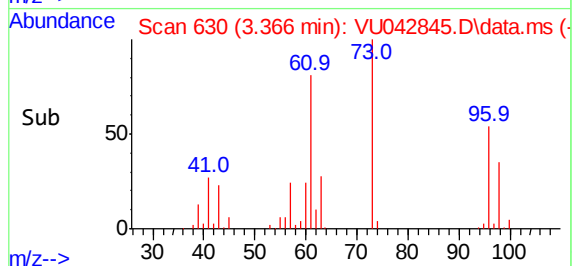
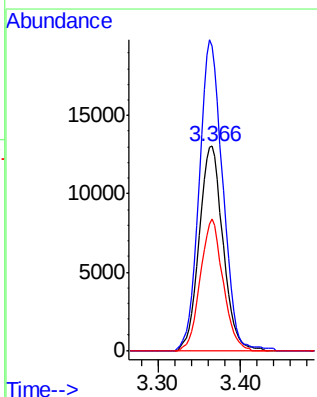
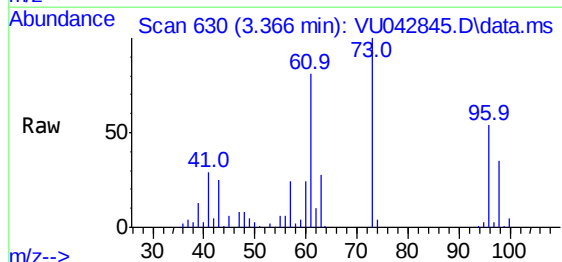
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

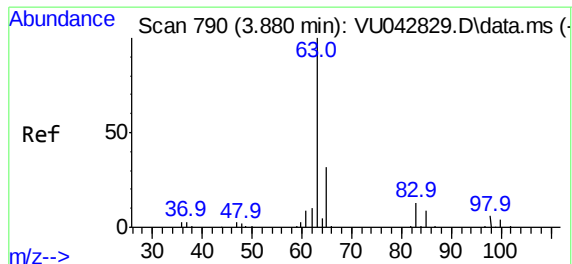
Tgt Ion: 73 Resp: 67482
Ion Ratio Lower Upper
73 100
43 24.3 18.9 28.3
57 21.9 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.63 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 96 Resp: 26154
Ion Ratio Lower Upper
96 100
61 149.0 105.7 196.3
98 64.3 42.8 79.6

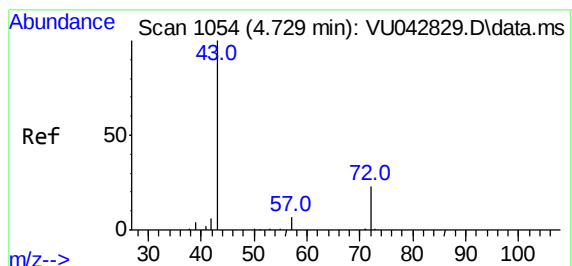
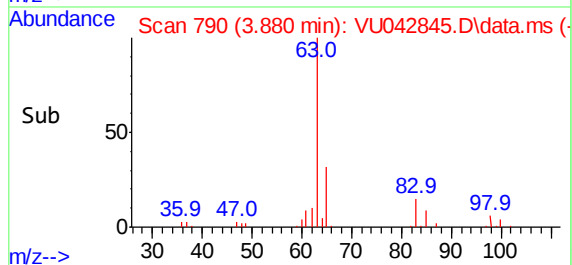
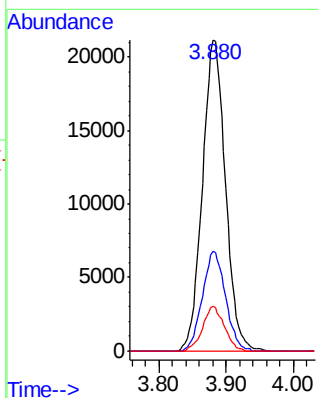
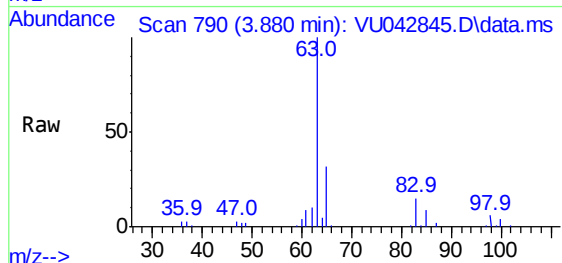




#19
1,1-Dichloroethane
Concen: 4.64 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

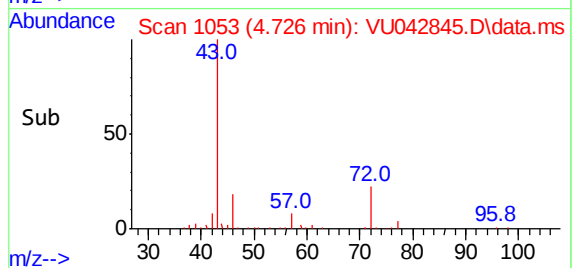
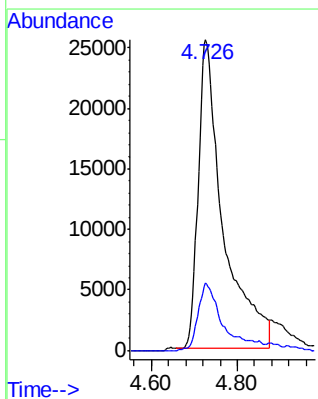
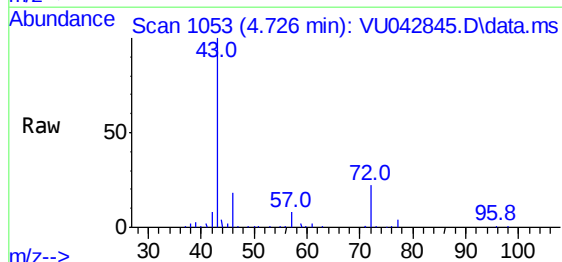
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

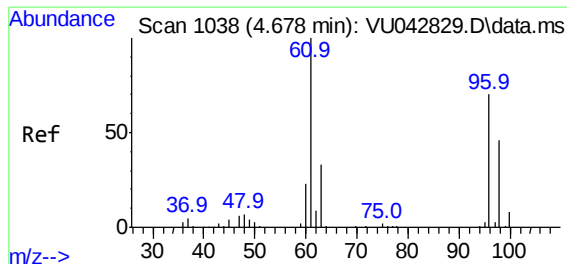
Tgt Ion: 63 Resp: 50477
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.9
83 14.5 10.1 18.7



#21
2-Butanone
Concen: 47.21 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 43 Resp: 103158
Ion Ratio Lower Upper
43 100
72 18.4 11.7 35.1



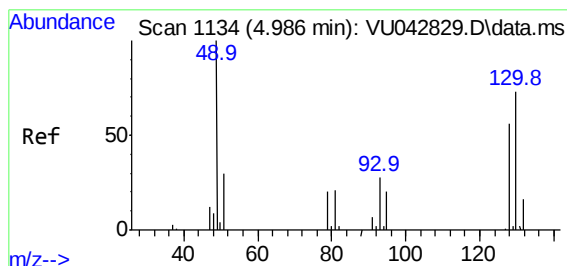
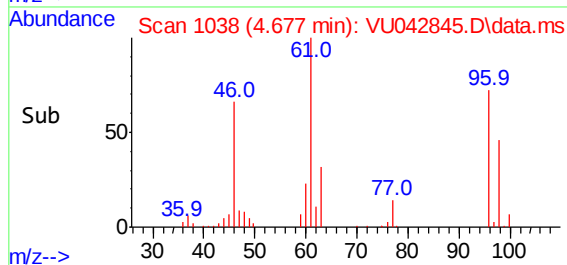
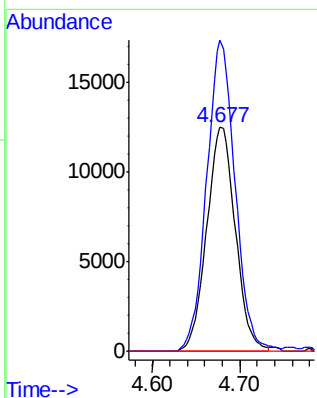
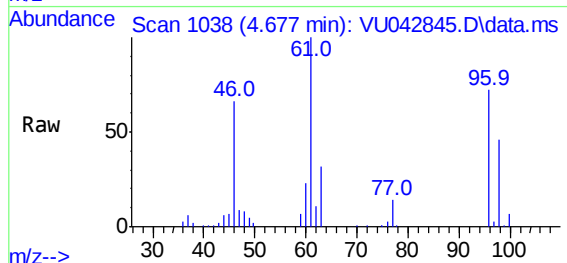


#22
 cis-1,2-Dichloroethene
 Concen: 4.68 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU042845.D
 Acq: 30 Mar 2021 17:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Tgt Ion: 96 Resp: 28211

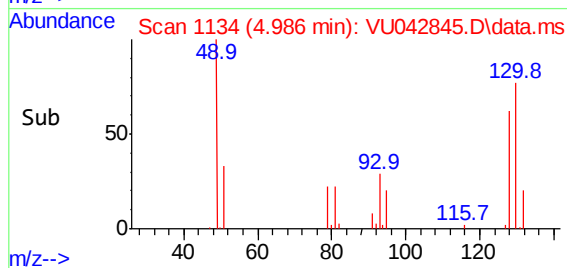
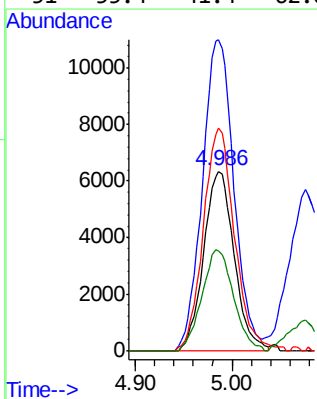
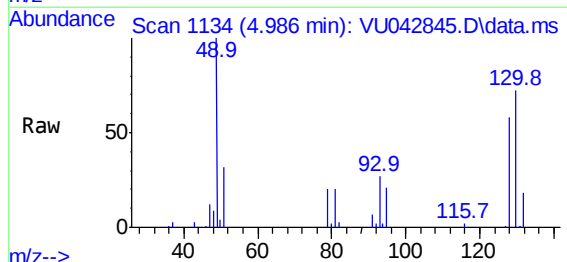
Ion	Ratio	Lower	Upper
96	100		
61	139.3	97.8	181.6
68	0.0	0.0	0.0

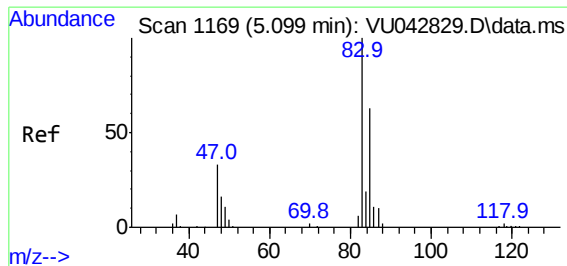


#23
 Bromochloromethane
 Concen: 4.83 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. -0.000 min
 Lab File: VU042845.D
 Acq: 30 Mar 2021 17:51

Tgt Ion: 128 Resp: 13866

Ion	Ratio	Lower	Upper
128	100		
49	173.4	117.7	218.7
130	124.0	87.9	163.3
51	55.4	41.4	62.0

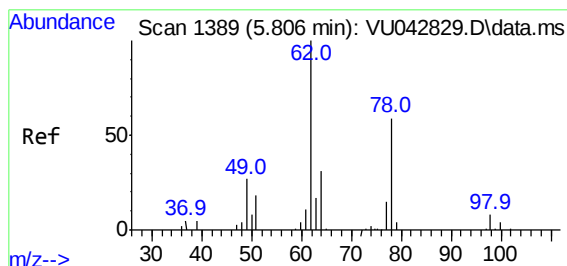
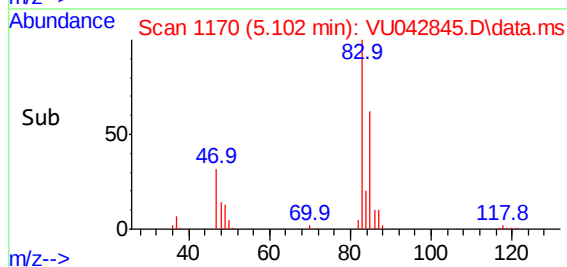
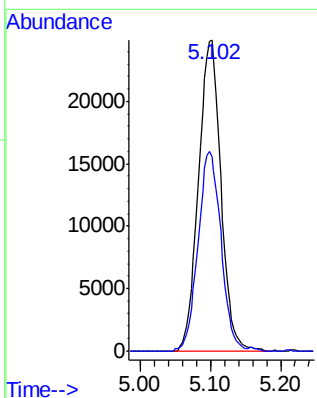
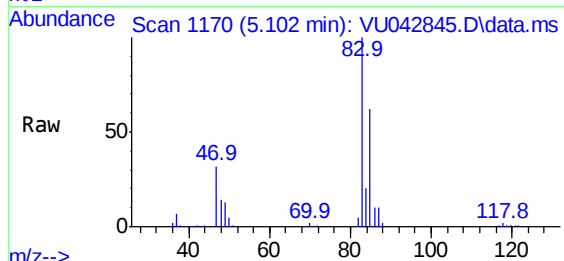




#25
Chloroform
Concen: 4.82 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

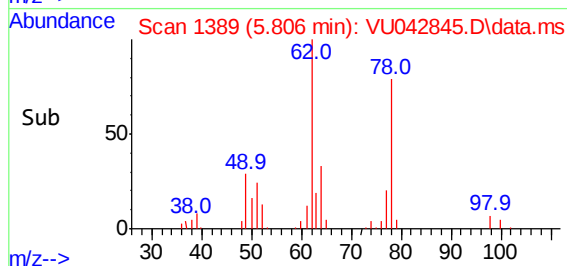
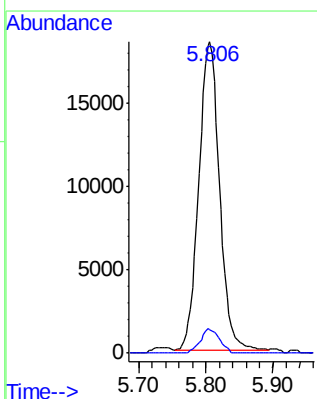
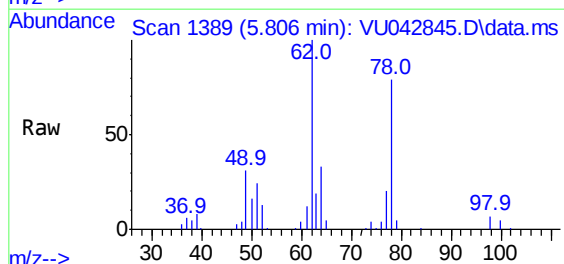
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

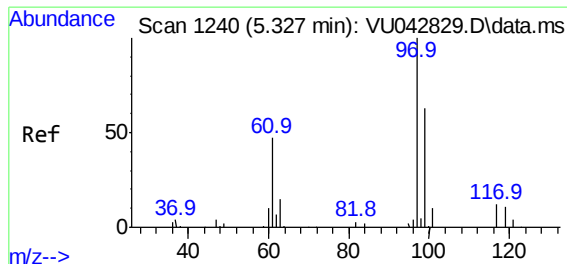
Tgt Ion: 83 Resp: 55180
Ion Ratio Lower Upper
83 100
85 62.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.63 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 62 Resp: 39711
Ion Ratio Lower Upper
62 100
98 7.2 7.3 10.9#

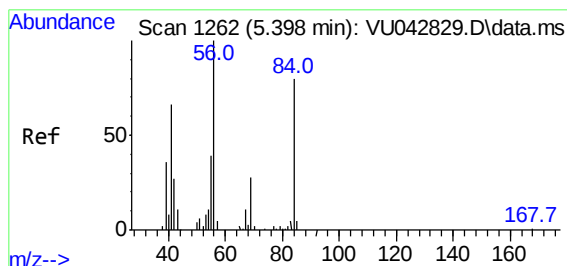
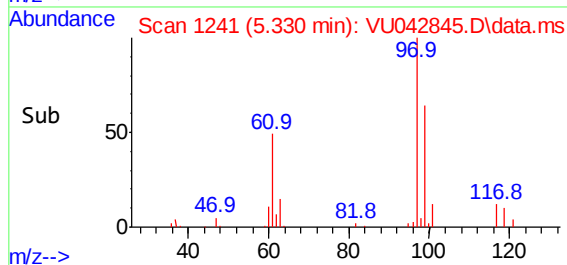
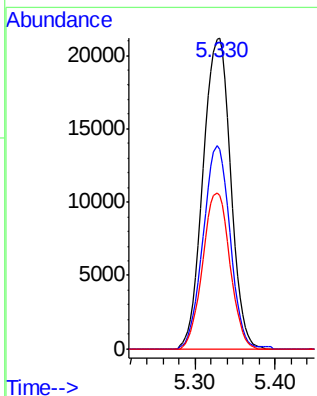
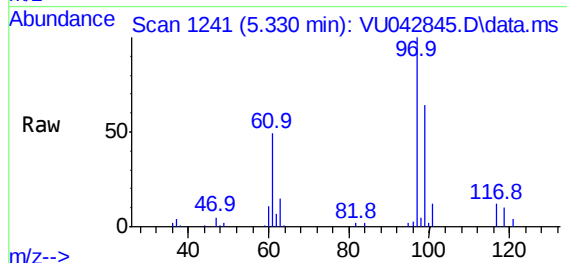




#29
1,1,1-Trichloroethane
Concen: 4.44 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

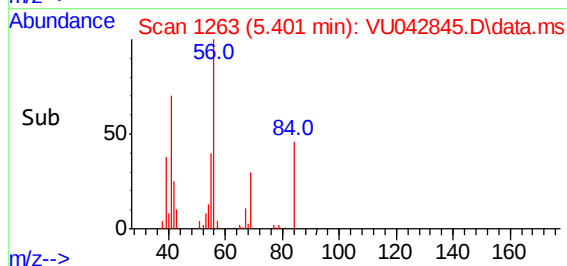
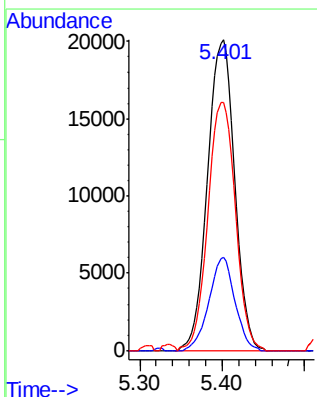
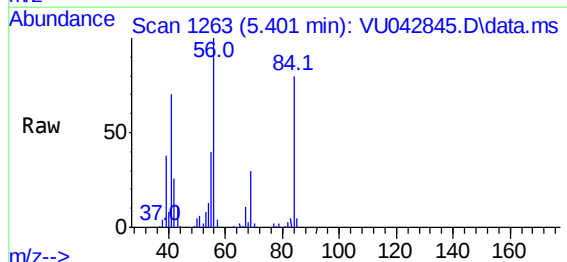
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

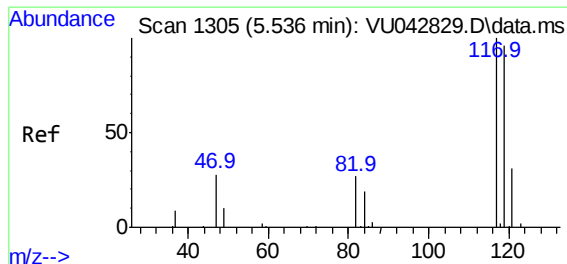
Tgt Ion: 97 Resp: 48933
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 49.4 35.8 53.6



#30
Cyclohexane
Concen: 4.15 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 56 Resp: 45615
Ion Ratio Lower Upper
56 100
69 28.5 23.7 35.5
84 81.1 65.3 97.9

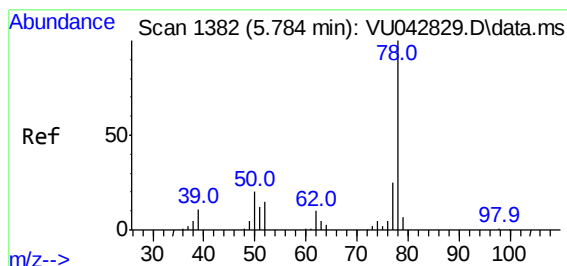
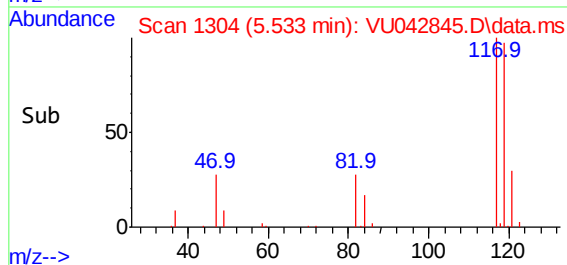
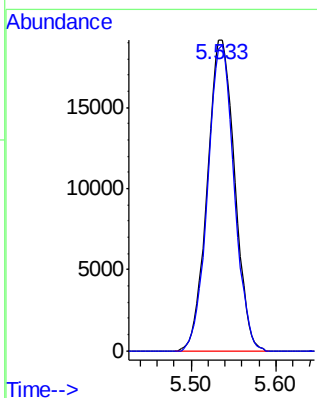
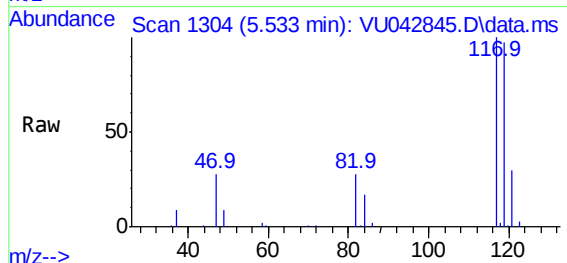




#31
Carbon tetrachloride
Concen: 4.39 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

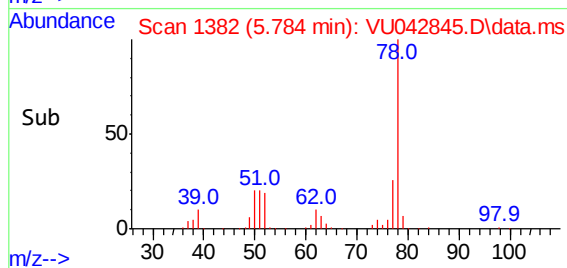
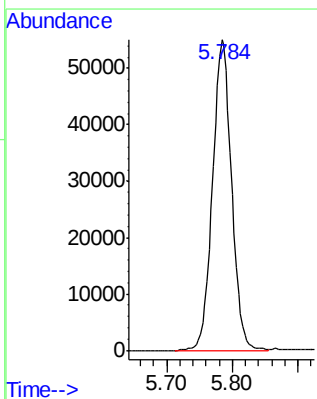
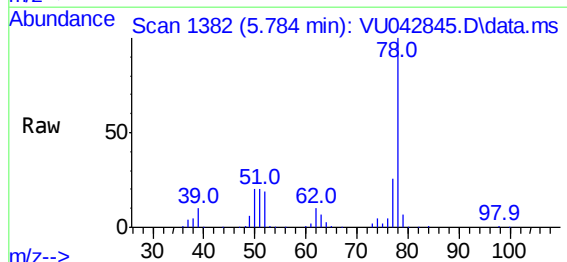
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

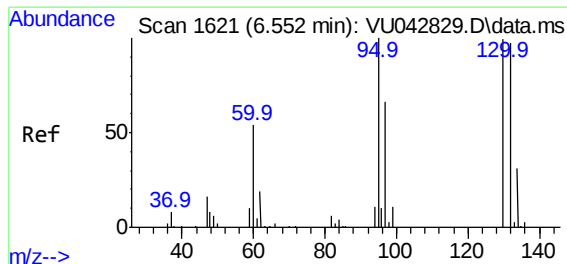
Tgt Ion:117 Resp: 42693
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 4.50 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 78 Resp: 111416



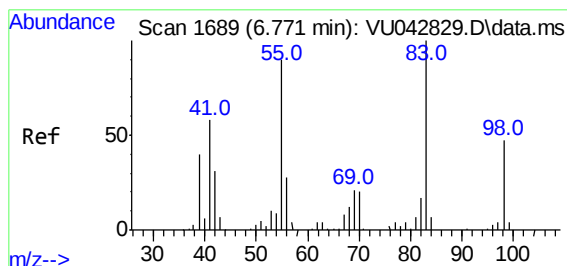
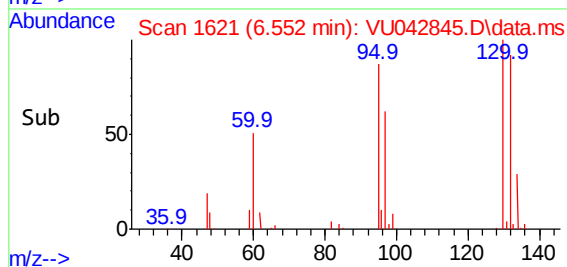
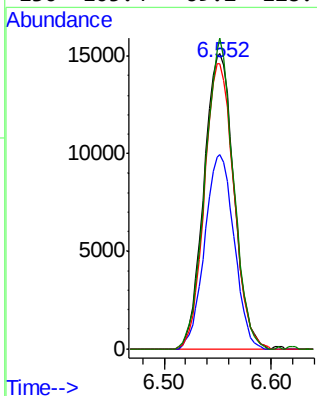
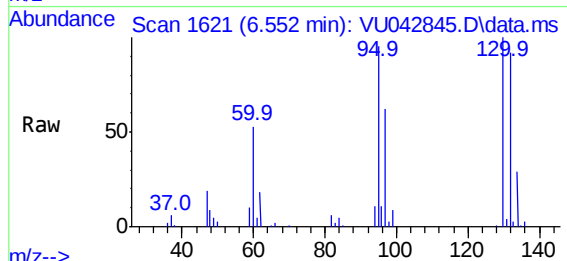


#34
Trichloroethene
Concen: 4.25 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Tgt Ion: 95 Resp: 29177

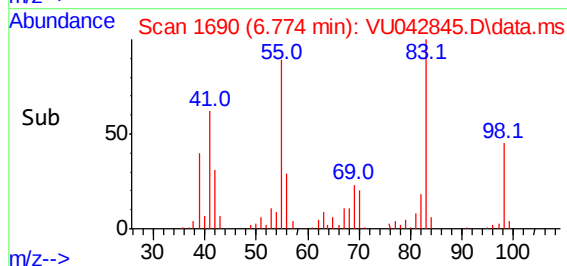
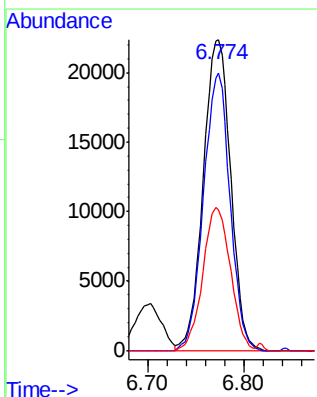
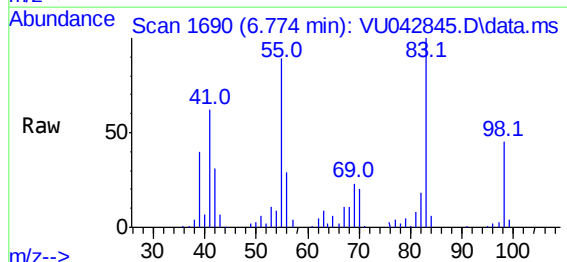
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.4	82.4
132	96.7	68.0	126.4
130	105.4	69.2	128.4

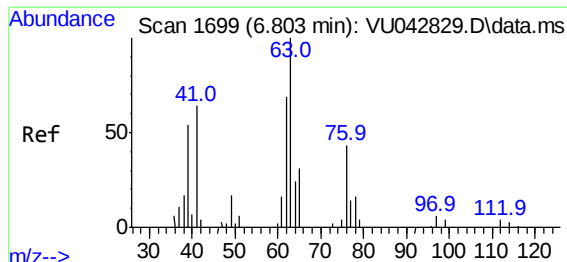


#35
Methylcyclohexane
Concen: 4.23 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 83 Resp: 44180

Ion	Ratio	Lower	Upper
83	100		
55	86.2	68.2	102.4
98	46.2	39.7	59.5

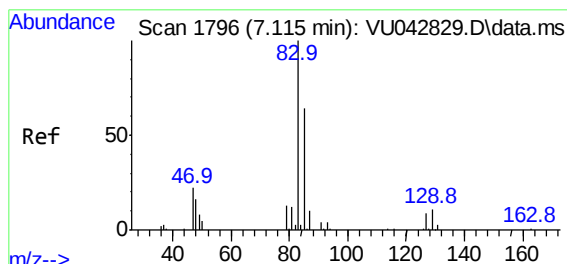
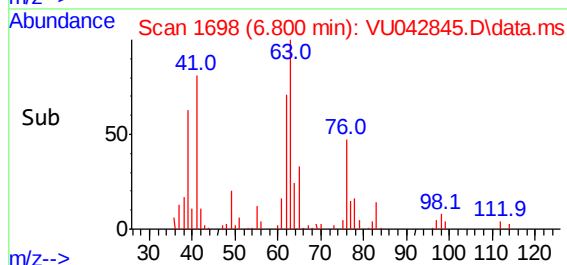
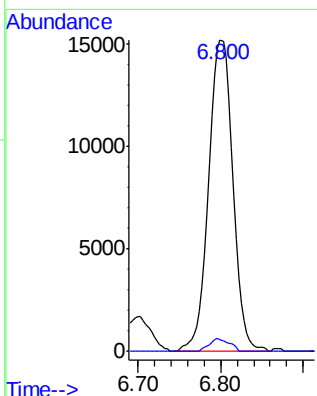
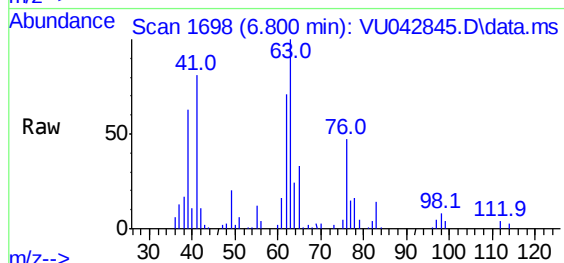




#37
1,2-Dichloropropane
Concen: 4.58 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

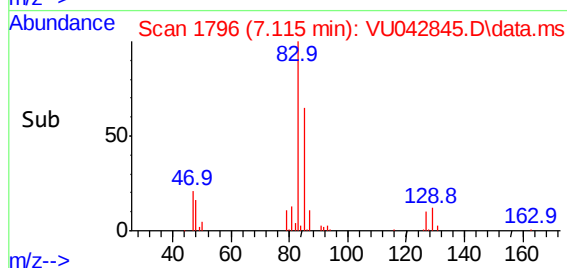
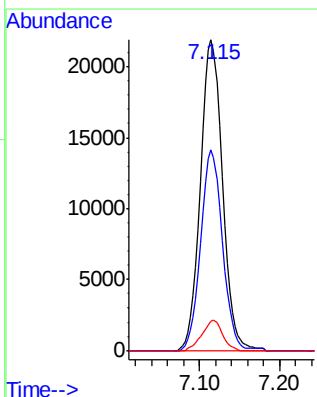
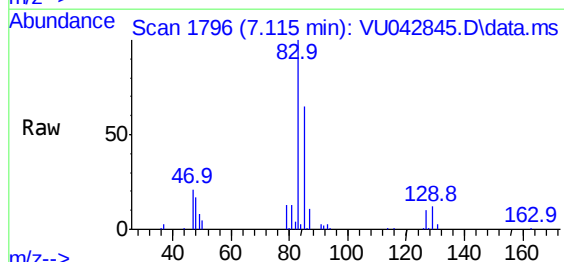
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

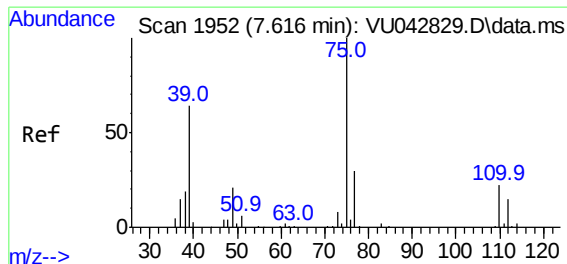
Tgt Ion: 63 Resp: 30658
Ion Ratio Lower Upper
63 100
112 3.1 3.4 5.0#



#38
Bromodichloromethane
Concen: 4.61 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 83 Resp: 40231
Ion Ratio Lower Upper
83 100
85 64.6 46.0 85.4
127 9.5 6.8 10.2

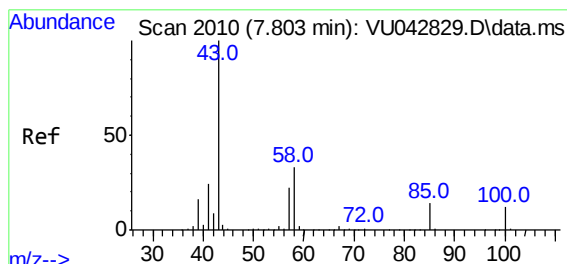
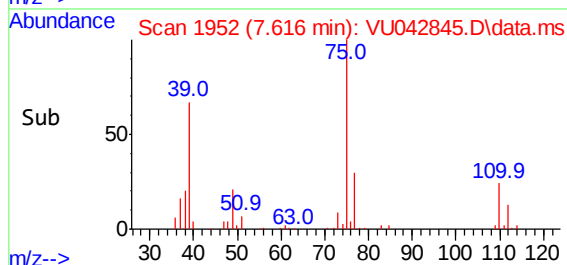
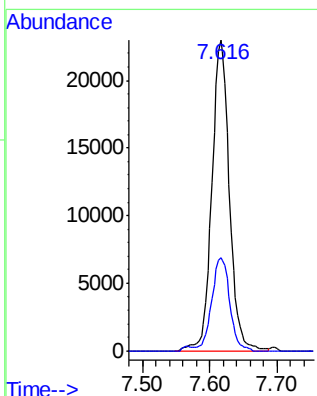
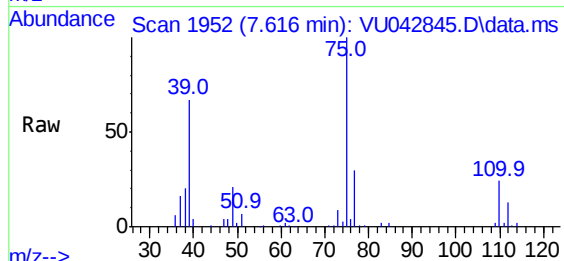




#39
cis-1,3-Dichloropropene
Concen: 4.30 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

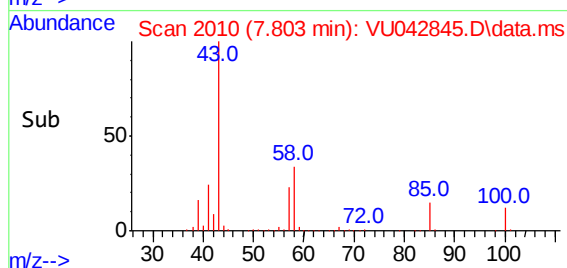
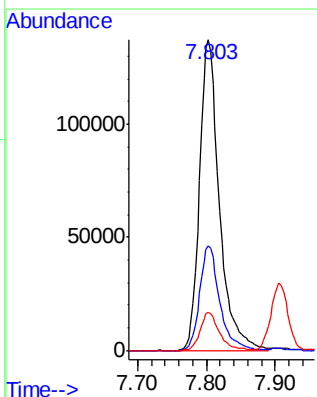
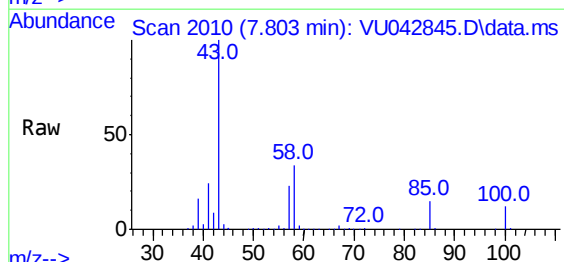
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

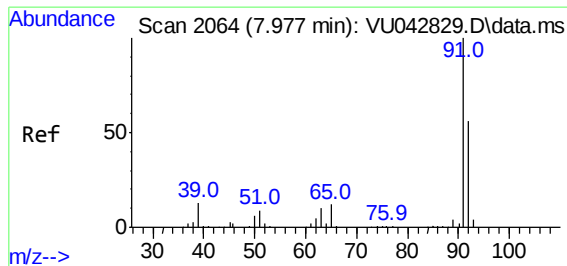
Tgt Ion: 75 Resp: 41941
Ion Ratio Lower Upper
75 100
77 29.8 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 47.13 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 43 Resp: 274922
Ion Ratio Lower Upper
43 100
58 33.9 29.1 43.7
100 12.0 11.0 16.4

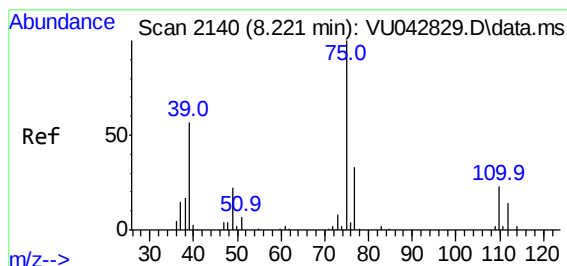
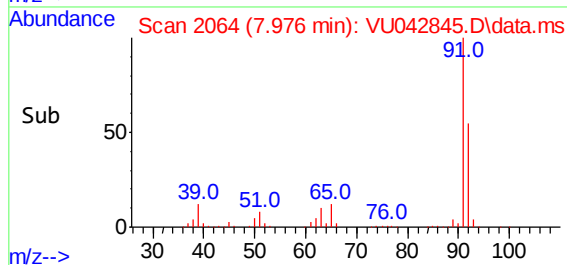
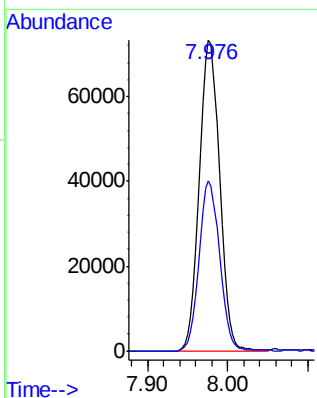
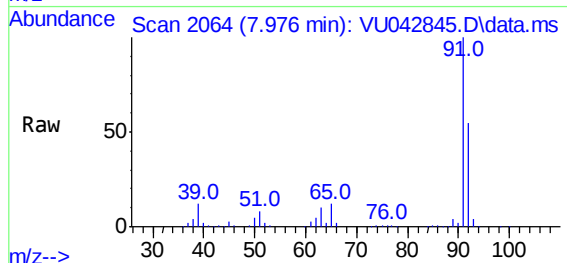




#42
Toluene
Concen: 4.61 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

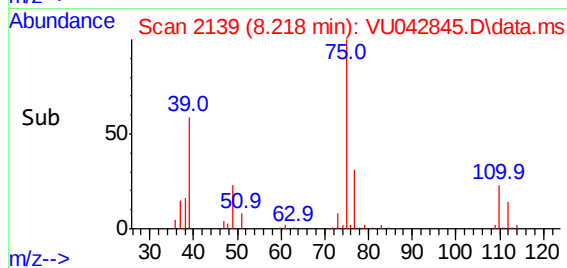
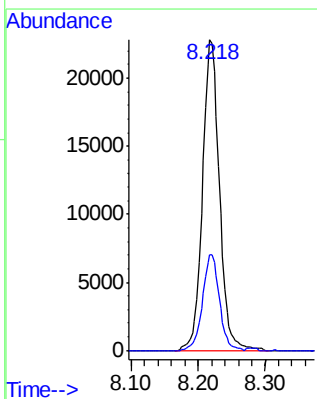
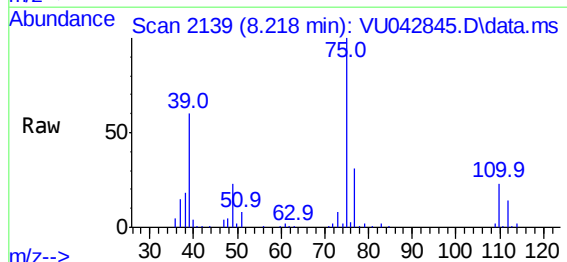
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

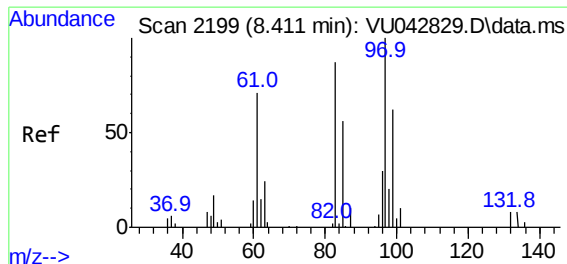
Tgt Ion: 91 Resp: 124641
Ion Ratio Lower Upper
91 100
92 54.5 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.46 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 75 Resp: 40088
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.4



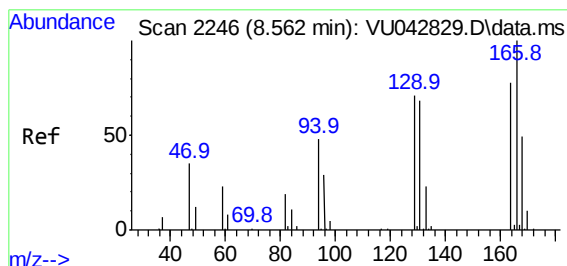
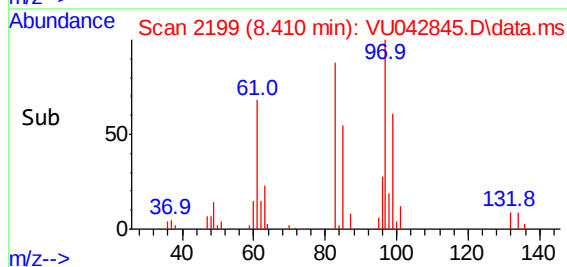
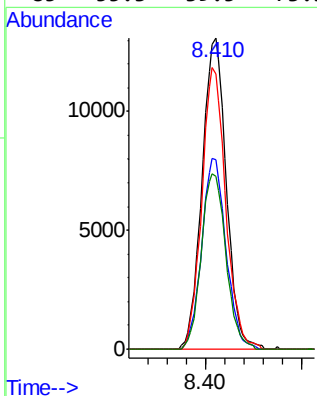
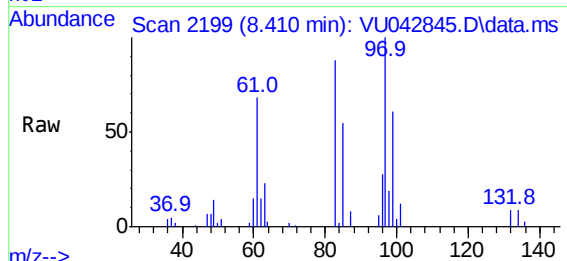


#45
1,1,2-Trichloroethane
Concen: 4.61 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Tgt Ion: 97 Resp: 22751

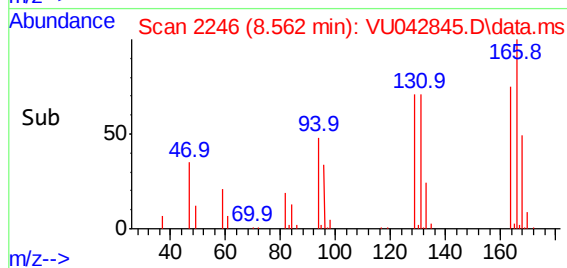
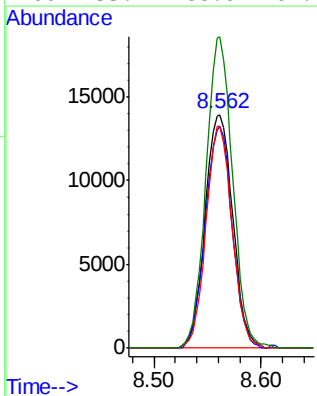
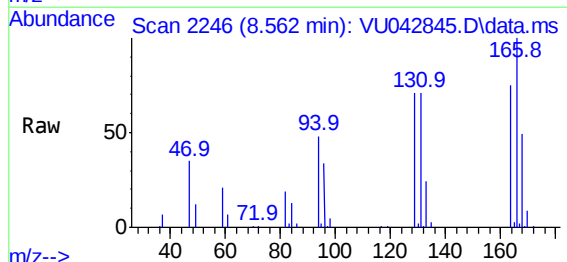
Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.0	81.8
83	88.3	57.6	107.0
85	55.3	39.5	73.3

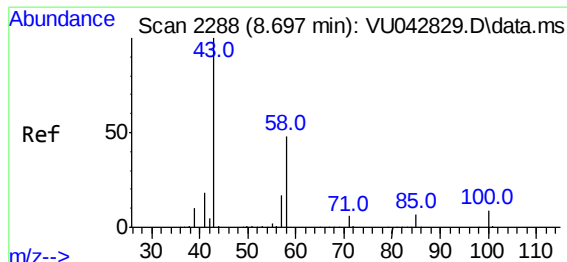


#47
Tetrachloroethene
Concen: 4.44 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 164 Resp: 24853

Ion	Ratio	Lower	Upper
164	100		
129	94.8	64.3	119.5
131	94.8	62.2	115.6
166	133.2	88.6	164.6



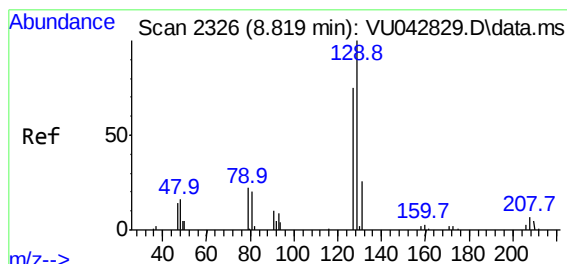
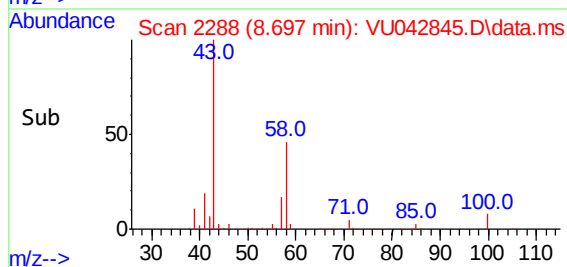
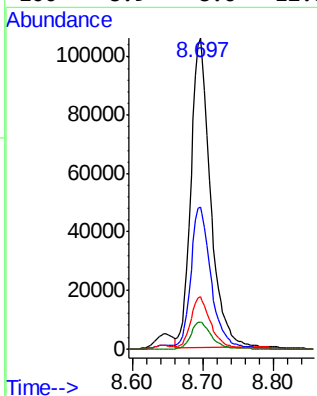
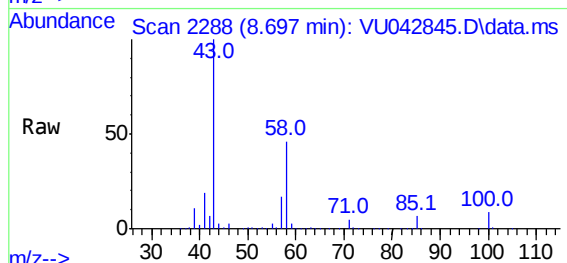


#48
2-Hexanone
Concen: 47.38 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Tgt Ion: 43 Resp: 203913

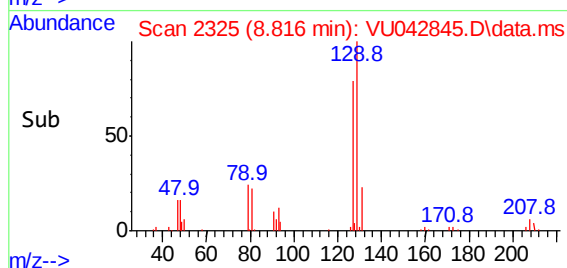
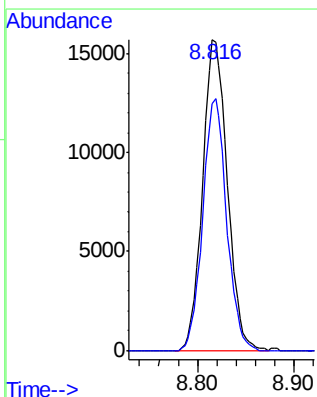
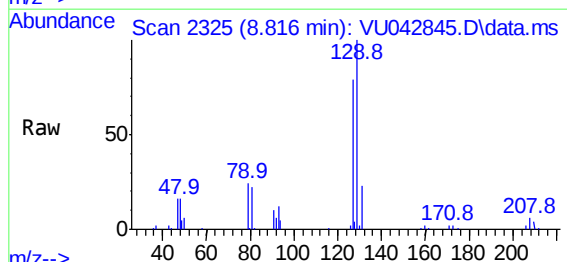
Ion	Ratio	Lower	Upper
43	100		
58	47.8	40.6	61.0
57	17.4	14.9	22.3
100	8.9	8.6	12.8

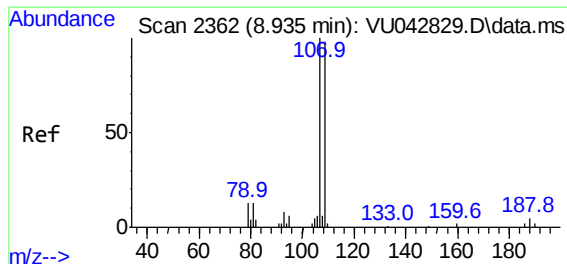


#49
Dibromochloromethane
Concen: 4.52 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 129 Resp: 27889

Ion	Ratio	Lower	Upper
129	100		
127	79.5	52.3	97.1

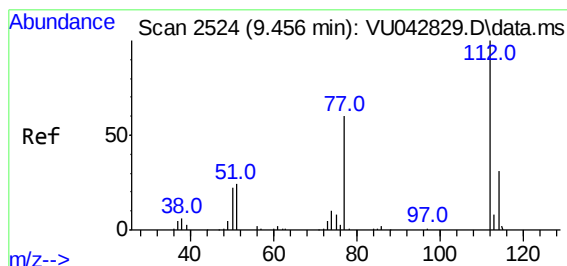
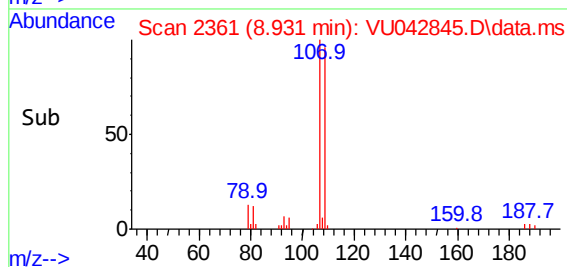
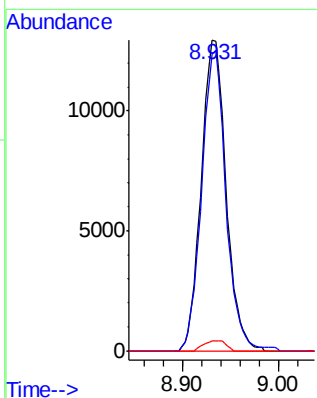
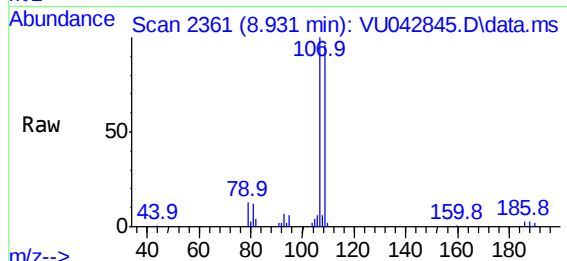




#50
1,2-Dibromoethane
Concen: 4.75 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

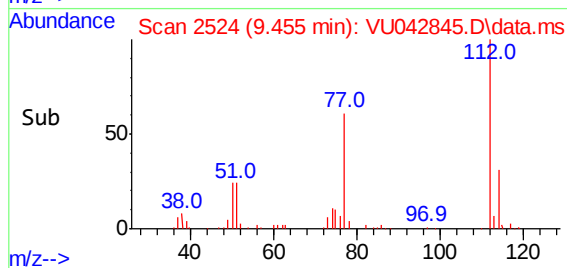
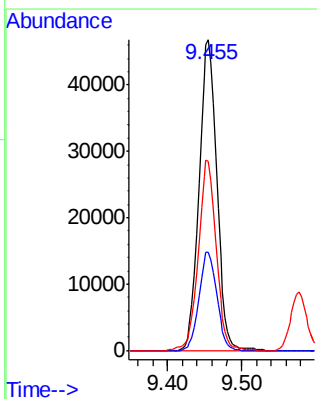
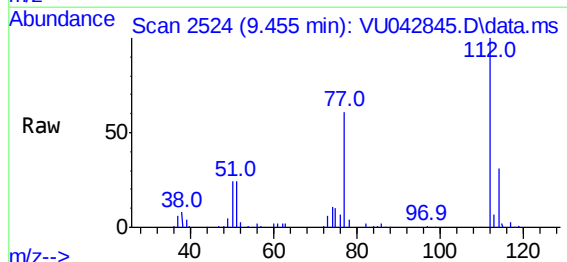
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

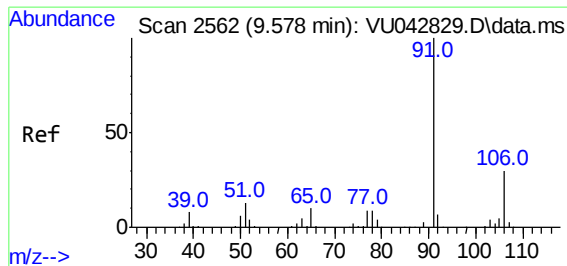
Tgt Ion:107 Resp: 23122
Ion Ratio Lower Upper
107 100
109 95.7 65.5 121.6
188 3.0 3.4 5.2#



#51
Chlorobenzene
Concen: 4.51 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion:112 Resp: 77871
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 60.8 49.8 74.6

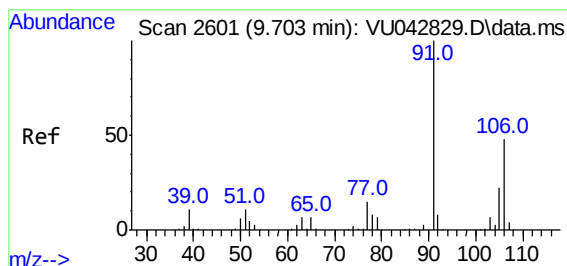
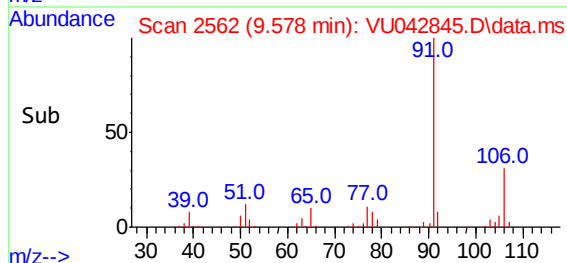
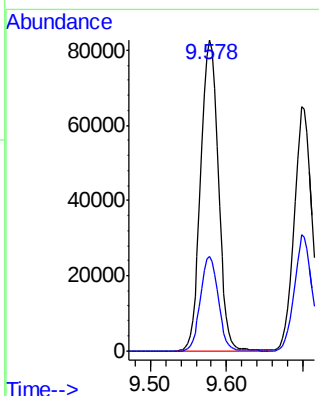
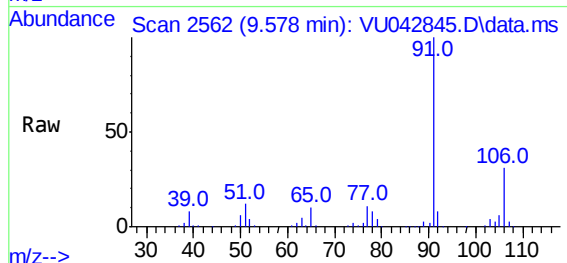




#52
Ethylbenzene
Concen: 4.34 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

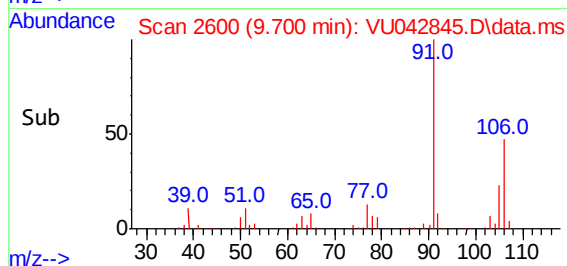
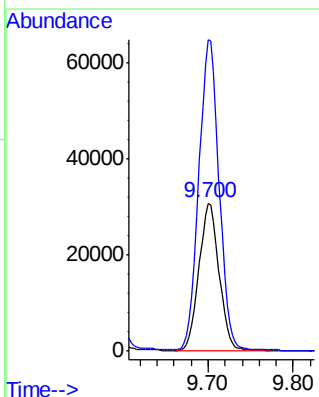
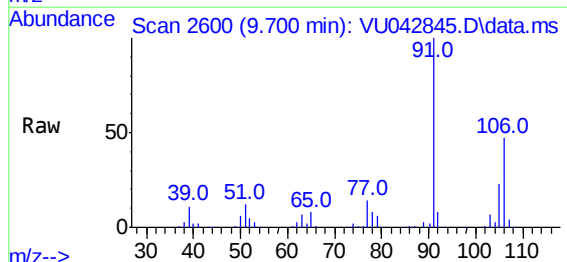
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

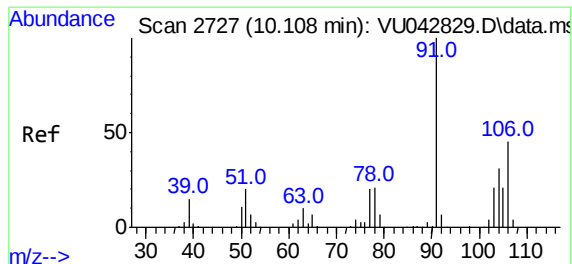
Tgt Ion: 91 Resp: 132206
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.3



#53
m,p-Xylene
Concen: 4.46 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 106 Resp: 50283
Ion Ratio Lower Upper
106 100
91 210.8 145.1 269.5

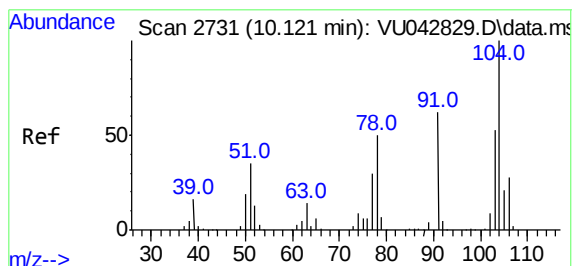
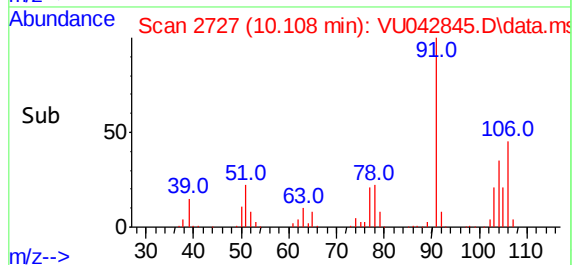
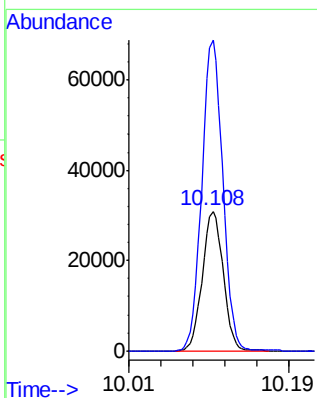
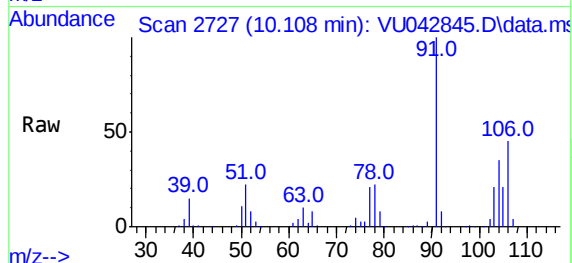




#54
o-Xylene
Concen: 4.52 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

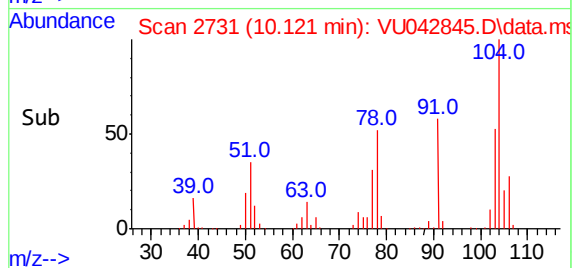
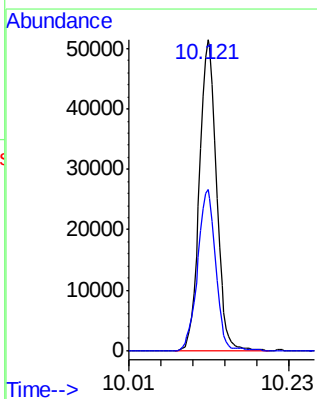
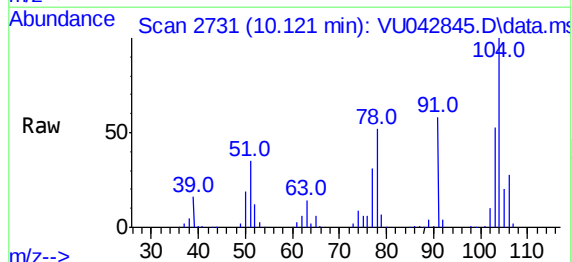
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

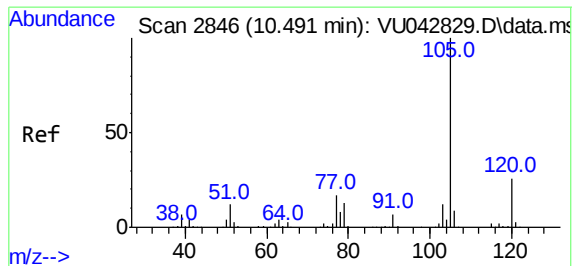
Tgt Ion:106 Resp: 49295
Ion Ratio Lower Upper
106 100
91 222.3 153.0 284.2



#55
Styrene
Concen: 4.54 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion:104 Resp: 84234
Ion Ratio Lower Upper
104 100
78 51.8 34.9 64.7

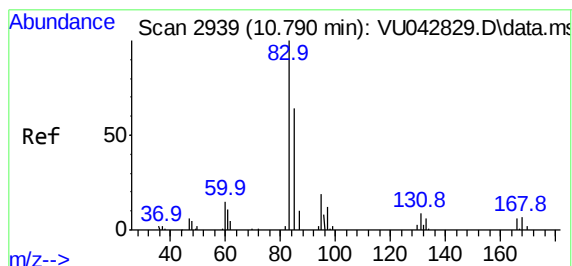
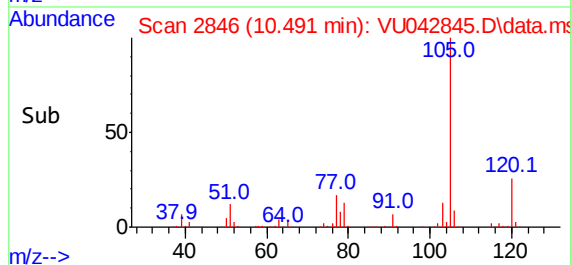
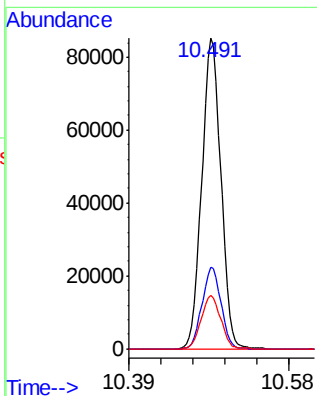
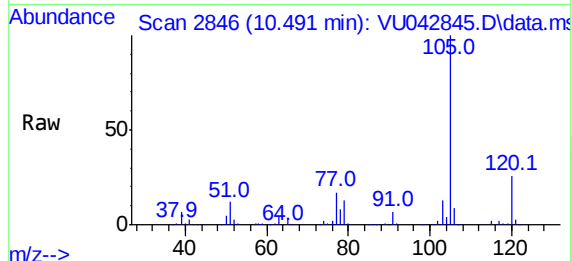




#56
Isopropylbenzene
Concen: 4.43 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

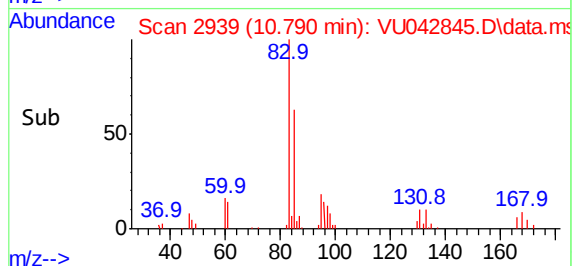
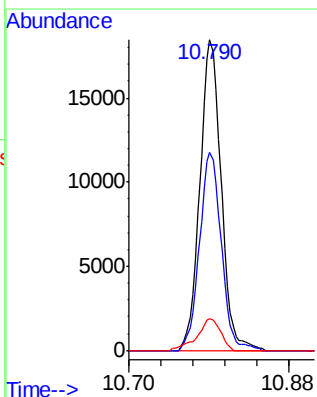
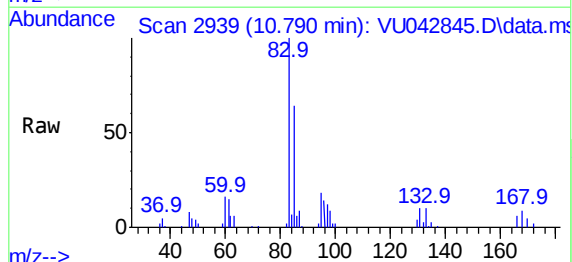
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

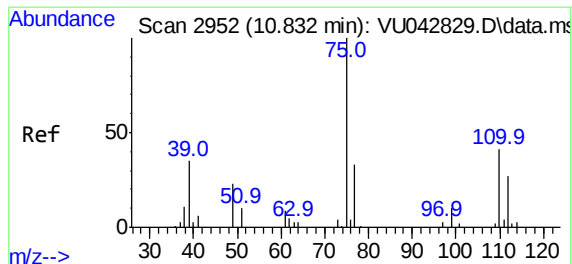
Tgt Ion:105 Resp: 132791
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 17.5 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.54 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 83 Resp: 30030
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4
131 10.2 8.6 12.8

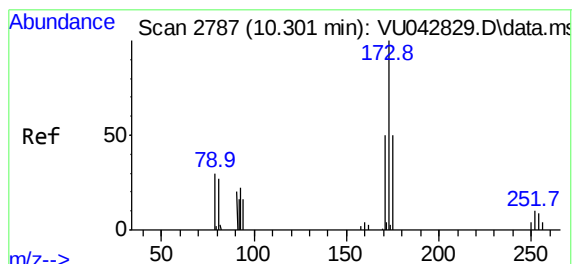
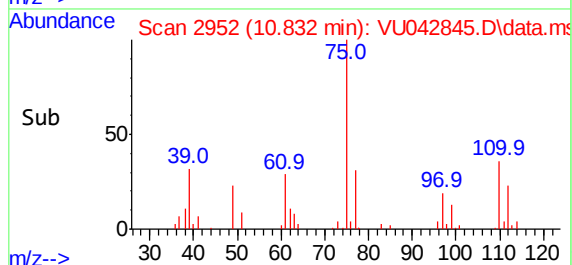
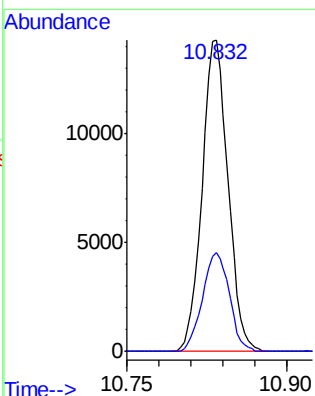
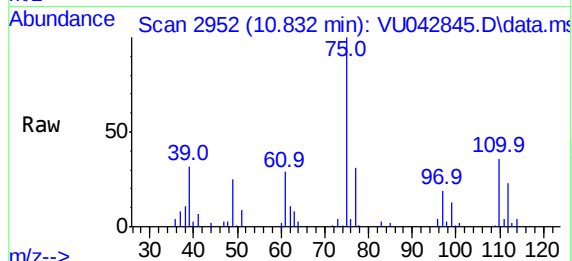




#59
1,2,3-Trichloropropane
Concen: 4.57 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

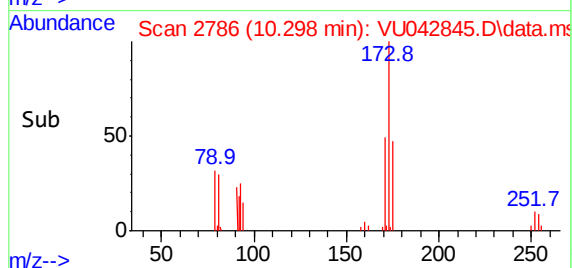
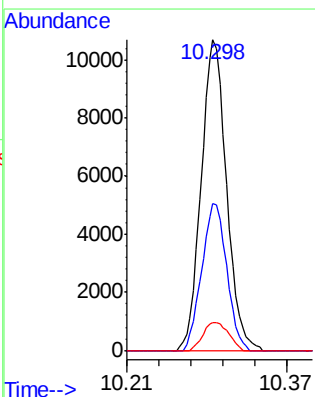
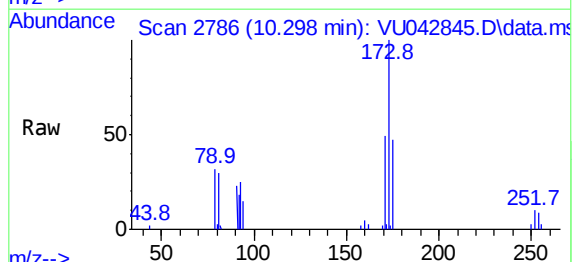
Instrument :
MSVOA_U
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VSTD00522

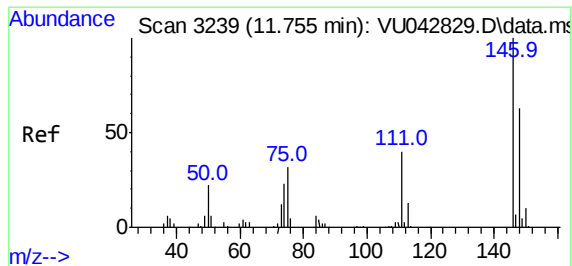
Tgt Ion: 75 Resp: 22961
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0



#61
Bromoform
Concen: 4.49 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion:173 Resp: 18126
Ion Ratio Lower Upper
173 100
175 46.6 38.7 58.1
254 9.1 7.9 11.9

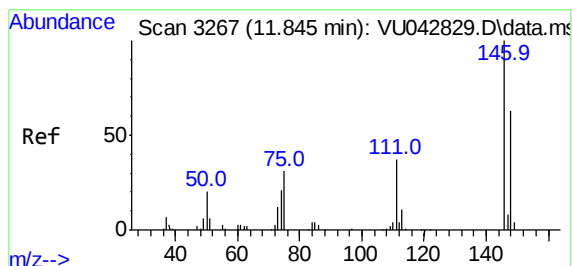
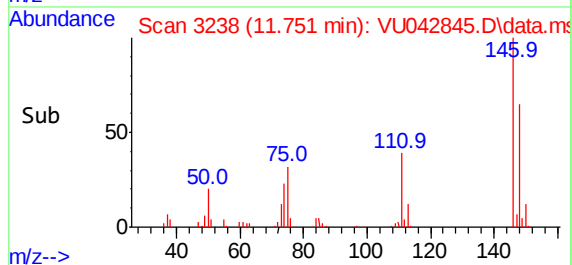
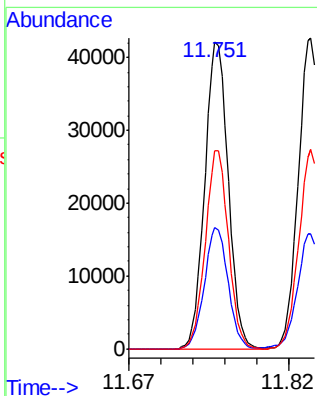
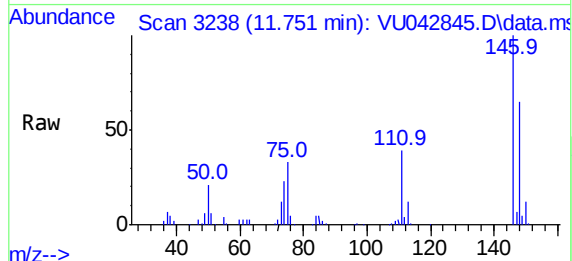




#62
1,3-Dichlorobenzene
Concen: 4.31 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

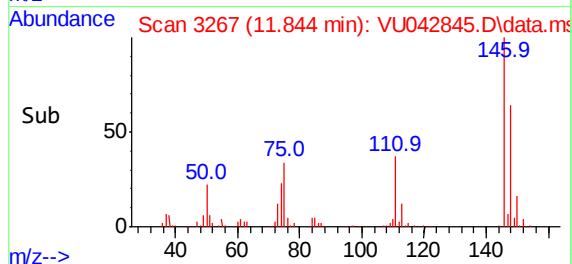
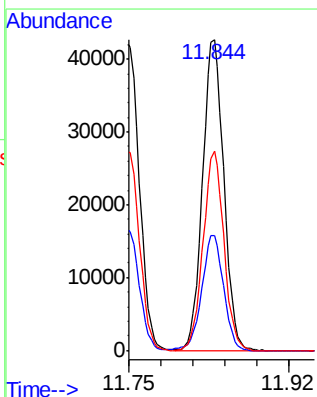
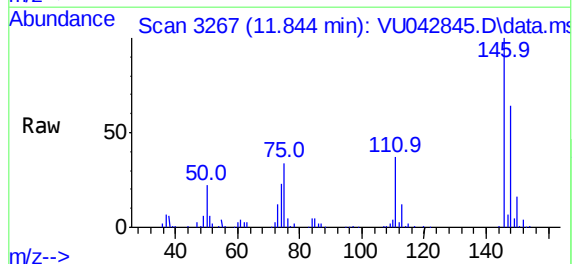
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

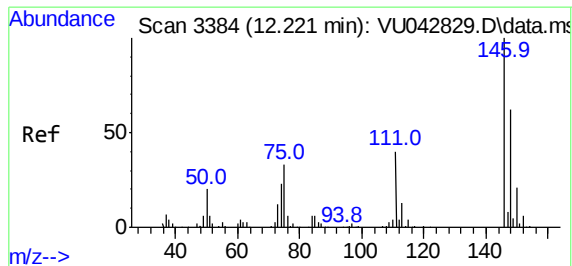
Tgt Ion:146 Resp: 66600
Ion Ratio Lower Upper
146 100
111 39.5 27.2 50.4
148 64.6 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 4.40 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion:146 Resp: 67616
Ion Ratio Lower Upper
146 100
111 37.0 25.8 47.8
148 64.1 44.1 81.9

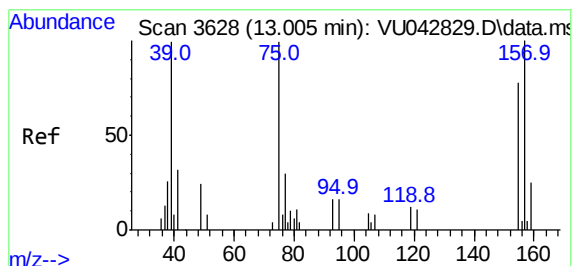
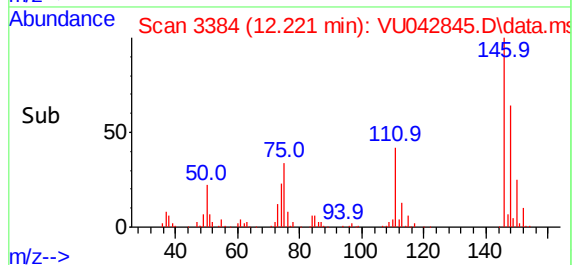
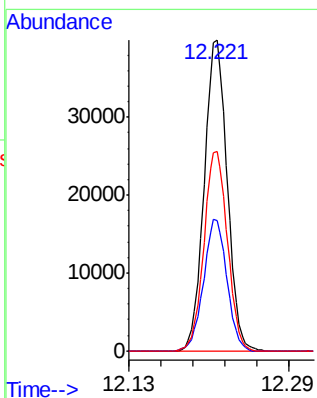
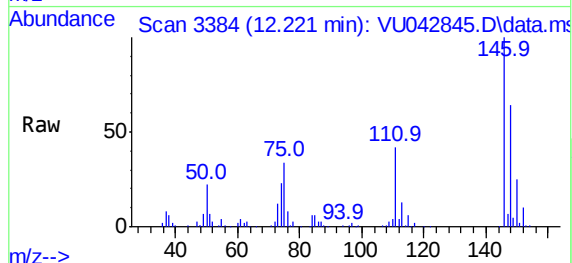




#65
1,2-Dichlorobenzene
Concen: 4.29 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

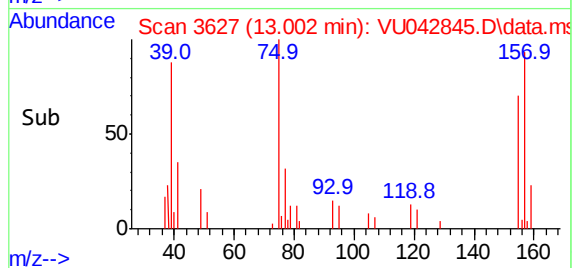
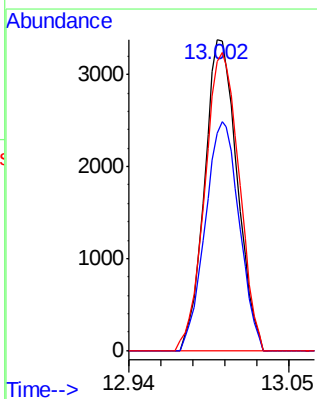
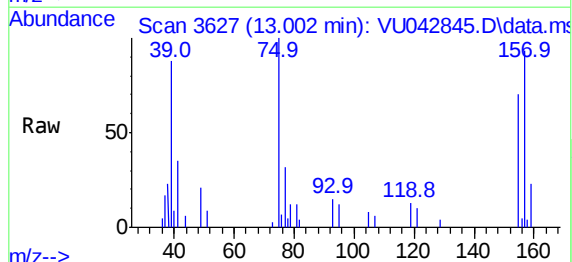
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

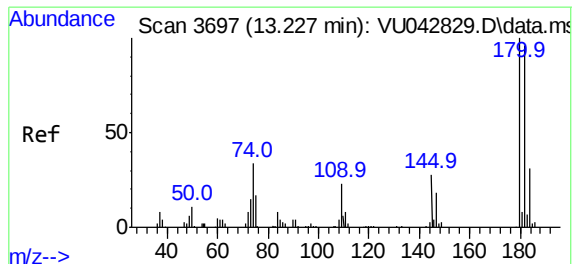
Tgt Ion:146 Resp: 63690
Ion Ratio Lower Upper
146 100
111 42.1 32.7 49.1
148 64.2 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.23 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion: 75 Resp: 5274
Ion Ratio Lower Upper
75 100
155 69.8 69.0 103.6
157 92.9 91.0 136.6

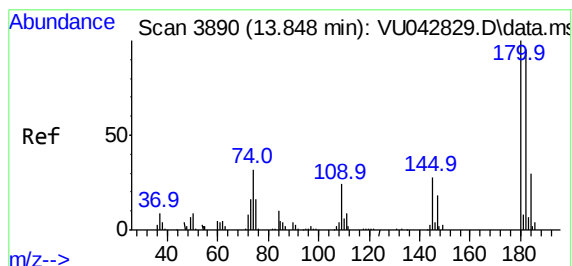
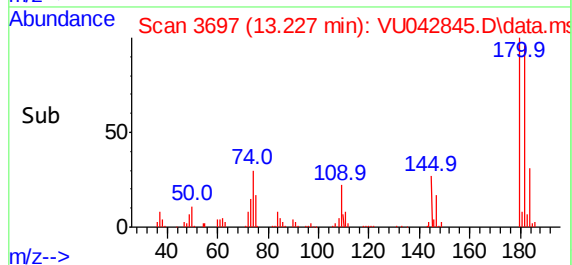
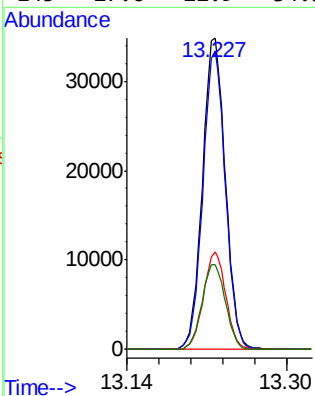
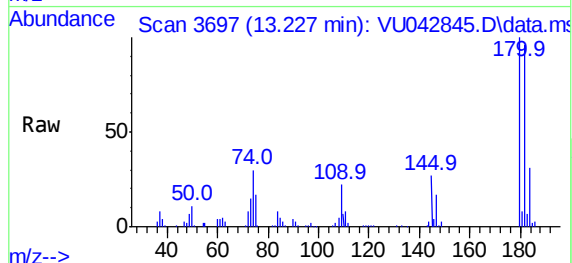




#67
1,3,5-Trichlorobenzene
Concen: 4.13 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

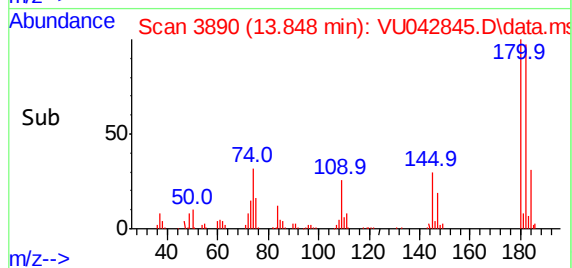
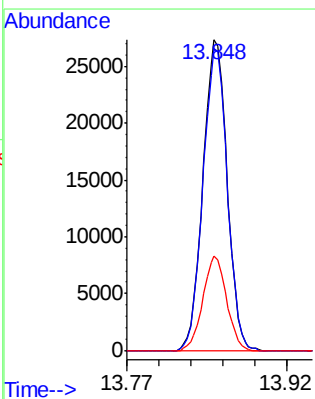
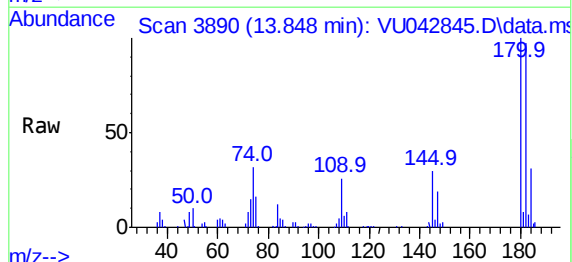
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

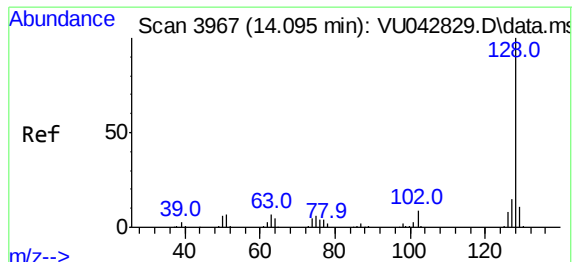
Tgt Ion:180 Resp: 55258
Ion Ratio Lower Upper
180 100
182 94.3 76.4 114.6
184 30.2 23.9 35.9
145 27.6 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 3.83 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion:180 Resp: 42429
Ion Ratio Lower Upper
180 100
182 97.7 76.3 114.5
145 29.9 23.7 35.5

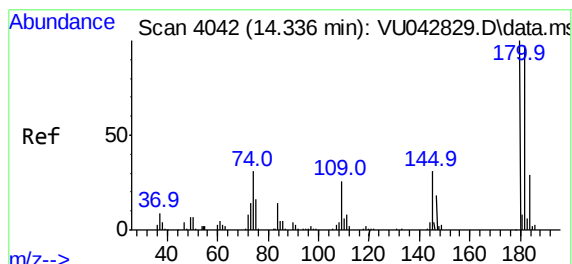
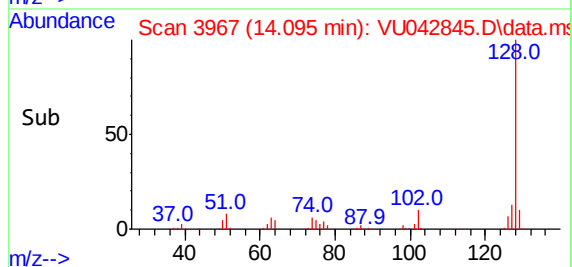
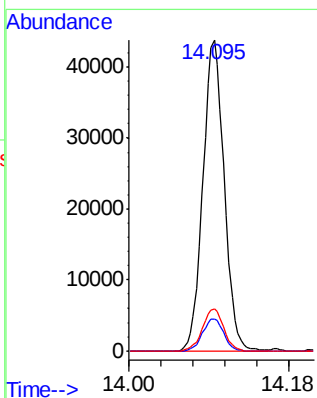
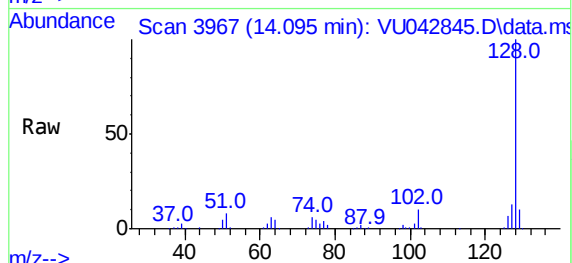




#69
Naphthalene
Concen: 3.86 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Tgt Ion:128 Resp: 69484
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 13.4 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.05 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU042845.D
Acq: 30 Mar 2021 17:51

Tgt Ion:180 Resp: 40648
Ion Ratio Lower Upper
180 100
182 97.1 75.6 113.4
145 31.5 24.7 37.1

