

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032421\
 Data File : VW020743.D
 Acq On : 24 Mar 2021 17:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Mar 25 03:17:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 03:10:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	722444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	707357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	392182	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	213220	41.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.14%		
7) Chloroethane-d5	1.568	69	171327	44.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.36%		
11) 1,1-Dichloroethene-d2	2.111	63	451362	46.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.28%		
21) 2-Butanone-d5	3.886	46	330507	99.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.05%		
24) Chloroform-d	4.352	84	487545	47.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.64%		
26) 1,2-Dichloroethane-d4	5.034	65	320700	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.52%		
32) Benzene-d6	5.053	84	886161	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.00%		
36) 1,2-Dichloropropane-d6	6.072	67	277501	47.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.88%		
41) Toluene-d8	7.320	98	846657	48.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.48%		
43) trans-1,3-Dichloroprop...	7.625	79	147338	47.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.68%		
47) 2-Hexanone-d5	8.092	63	253991	104.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.66%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	407327	48.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.62%		
64) 1,2-Dichlorobenzene-d4	11.632	152	359484	47.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	326591	48.25	ug/L	100
3) Chloromethane	1.243	50	253967	47.00	ug/L	98
5) Vinyl chloride	1.314	62	265521	48.11	ug/L	100
6) Bromomethane	1.523	94	170197	48.91	ug/L	99
8) Chloroethane	1.587	64	160853	50.45	ug/L	99
9) Trichlorofluoromethane	1.754	101	454753	48.20	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	227451	50.16	ug/L	99
12) 1,1-Dichloroethene	2.121	96	211455	50.16	ug/L	91
13) Acetone	2.179	43	220991	92.87	ug/L	98
14) Carbon disulfide	2.294	76	672217	48.22	ug/L	99
15) Methyl Acetate	2.433	43	253143	50.96	ug/L	99
16) Methylene chloride	2.510	84	252350	49.08	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	243850	50.44	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	779460	52.00	ug/L	100
19) 1,1-Dichloroethane	3.191	63	453539	50.50	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	265151	51.26	ug/L	97
22) 2-Butanone	3.970	43	368184	105.71	ug/L	100
23) Bromochloromethane	4.249	128	143119	51.40	ug/L	98
25) Chloroform	4.381	83	491762	51.48	ug/L	97
27) 1,2-Dichloroethane	5.134	62	395986	51.89	ug/L	100

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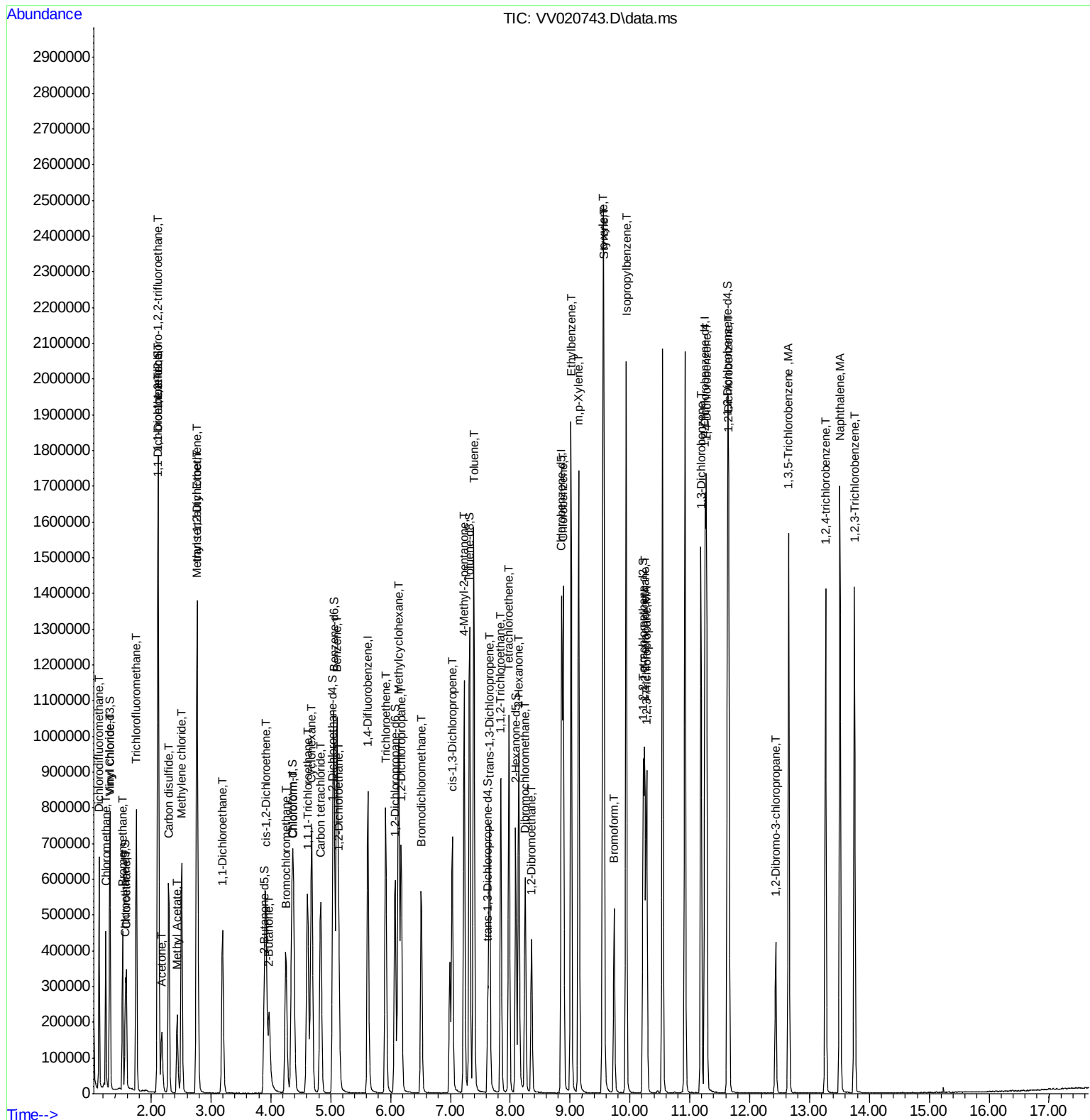
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	406729	50.84	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	456826	52.22	ug/L	99
31) Carbon tetrachloride	4.831	117	403092	51.59	ug/L	99
33) Benzene	5.105	78	1018541	52.21	ug/L	100
34) Trichloroethene	5.918	95	270528	50.58	ug/L	99
35) Methylcyclohexane	6.137	83	411681	50.17	ug/L	99
37) 1,2-Dichloropropane	6.178	63	261268	51.07	ug/L	99
38) Bromodichloromethane	6.513	83	368541	51.29	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	412257	52.19	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	736213	107.30	ug/L	99
42) Toluene	7.391	91	1112727	52.47	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	419496	52.74	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	261274	51.91	ug/L	96
46) Tetrachloroethene	7.979	164	227653	50.99	ug/L	97
48) 2-Hexanone	8.143	43	569507	108.73	ug/L	97
49) Dibromochloromethane	8.249	129	307009	52.36	ug/L	97
50) 1,2-Dibromoethane	8.355	107	275535	51.12	ug/L	99
51) Chlorobenzene	8.886	112	713680	50.14	ug/L	98
52) Ethylbenzene	9.018	91	1262796	52.18	ug/L	99
53) m,p-Xylene	9.143	106	473753	52.63	ug/L	100
54) o-xylene	9.548	106	459446	52.96	ug/L	98
55) Styrene	9.564	104	821728	53.91	ug/L	97
56) Isopropylbenzene	9.937	105	1255571	52.55	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	426799	51.98	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	352812	52.80	ug/L	99
61) Bromoform	9.735	173	230793	51.83	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	609837	50.96	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	625584	50.26	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	613666	52.03	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	100862	50.58	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	464820	50.10	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	418201	53.17	ug/L	100
69) Naphthalene	13.509	128	1292482	57.41	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	420295	53.36	ug/L	99

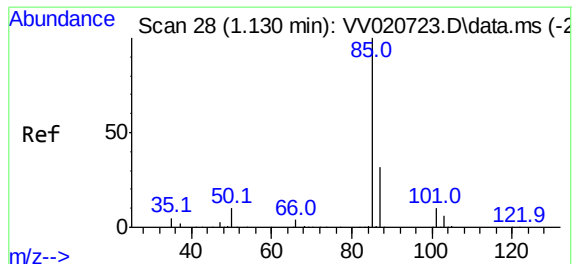
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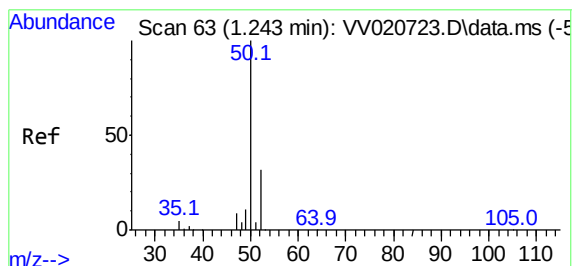
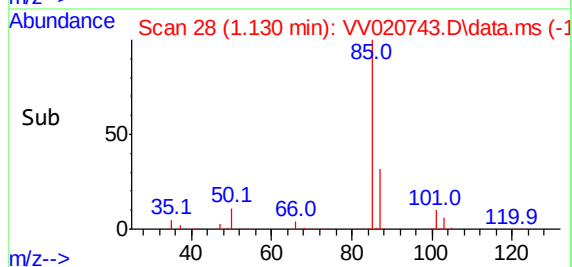
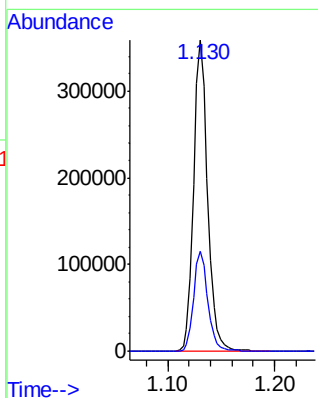
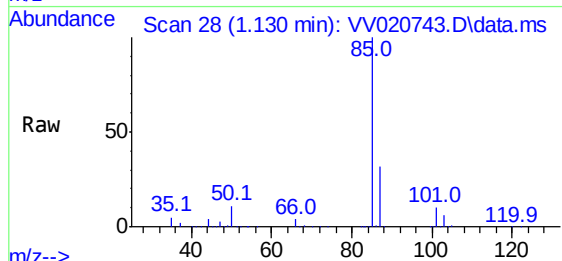


#2
 Dichlorodifluoromethane
 Concen: 48.25 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020743.D
 Acq: 24 Mar 2021 17:38

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Tgt Ion: 85 Resp: 326591

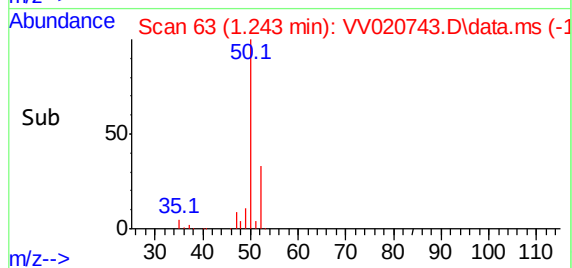
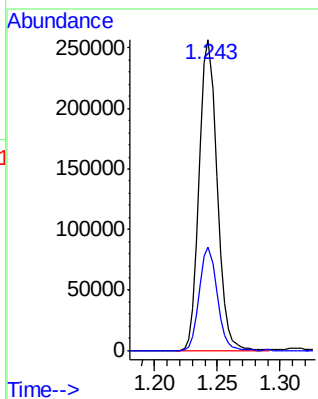
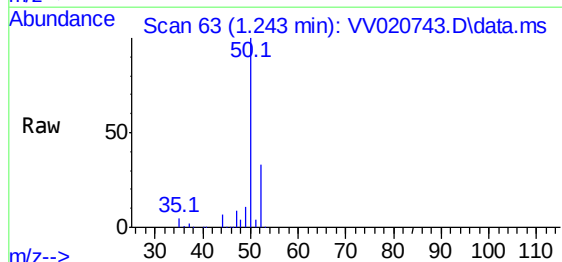
Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.3	39.5

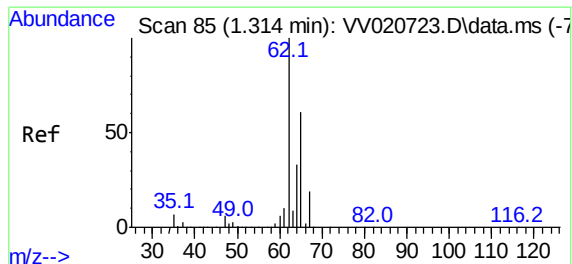


#3
 Chloromethane
 Concen: 47.00 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020743.D
 Acq: 24 Mar 2021 17:38

Tgt Ion: 50 Resp: 253967

Ion	Ratio	Lower	Upper
50	100		
52	33.3	22.7	42.1

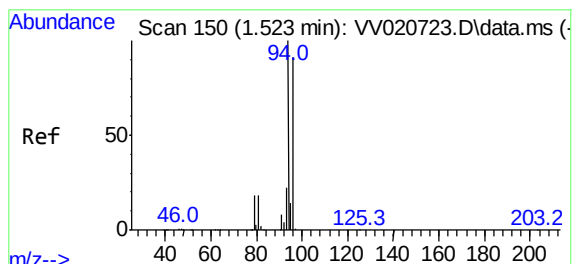
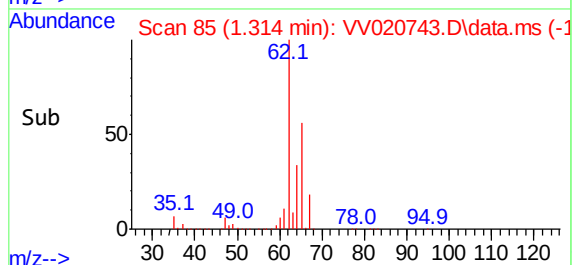
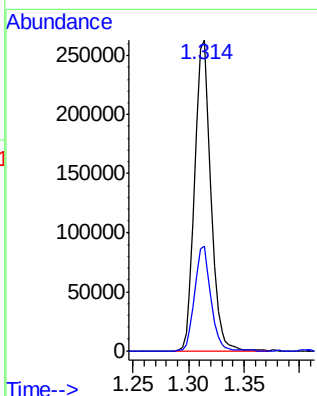
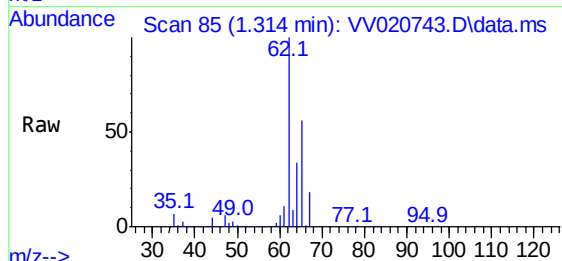




#5
 Vinyl chloride
 Concen: 48.11 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020743.D
 Acq: 24 Mar 2021 17:38

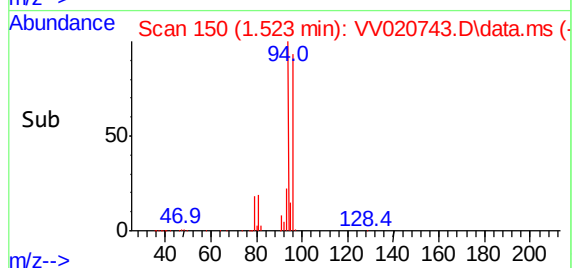
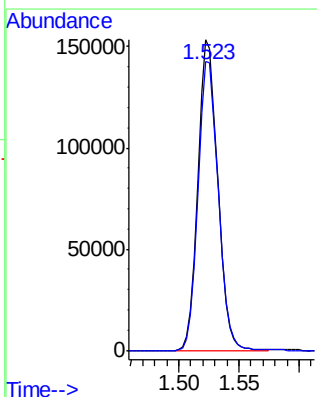
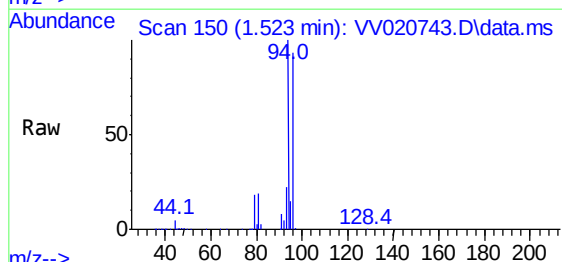
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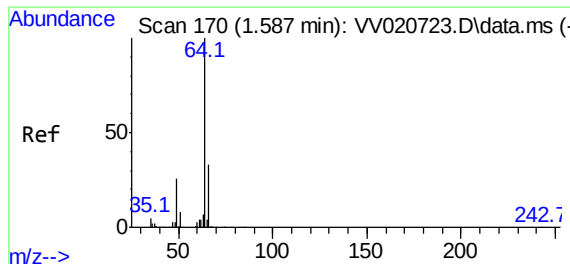
Tgt Ion: 62 Resp: 265521
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.3 43.3



#6
 Bromomethane
 Concen: 48.91 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020743.D
 Acq: 24 Mar 2021 17:38

Tgt Ion: 94 Resp: 170197
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.6 121.8

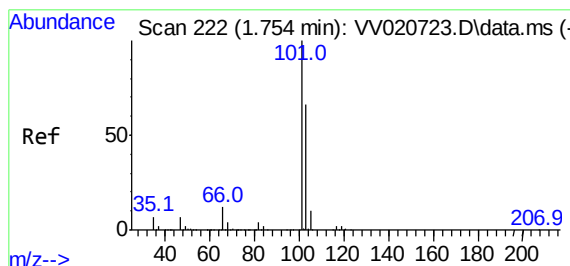
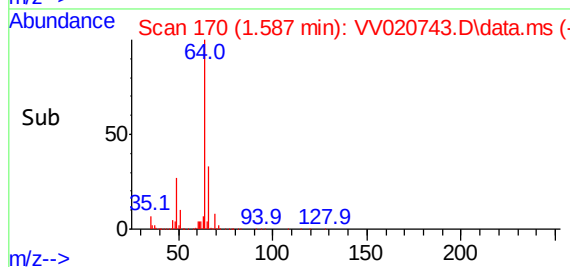
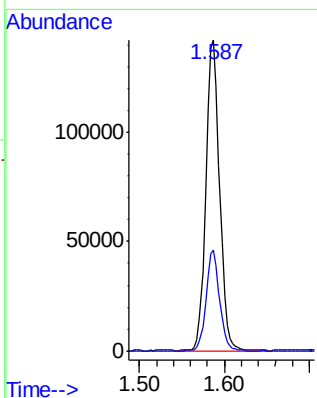
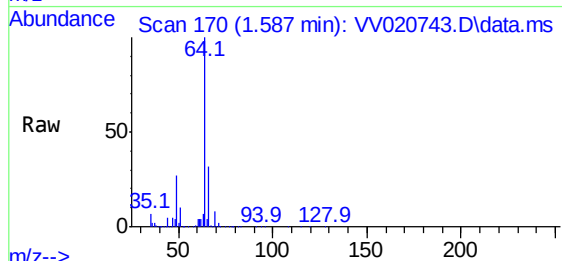




#8
Chloroethane
Concen: 50.45 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

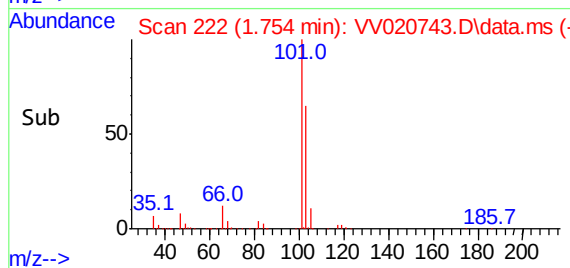
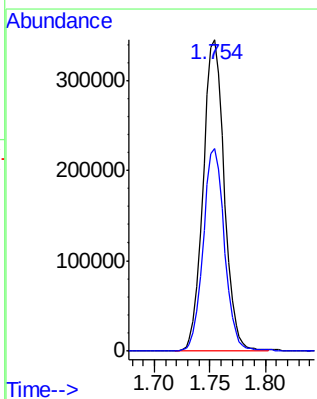
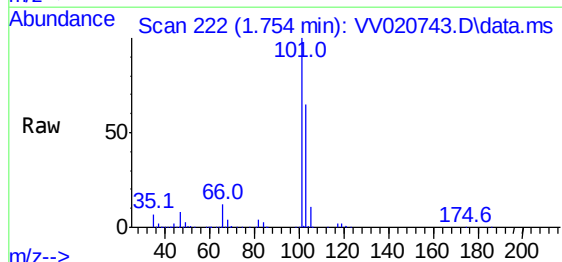
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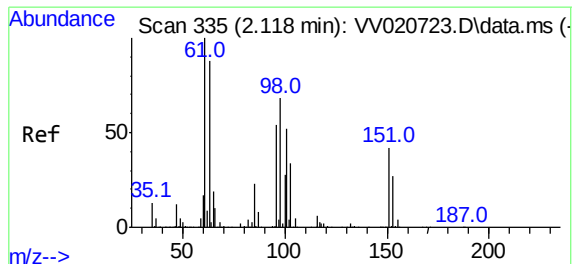
Tgt Ion: 64 Resp: 160853
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 48.20 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion:101 Resp: 454753
Ion Ratio Lower Upper
101 100
103 65.0 51.2 76.8



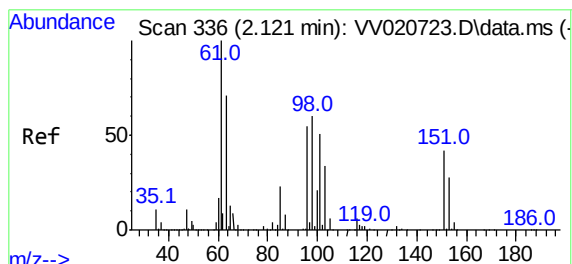
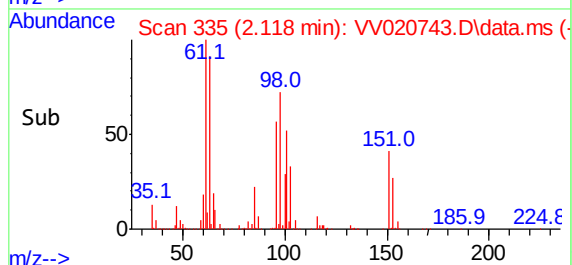
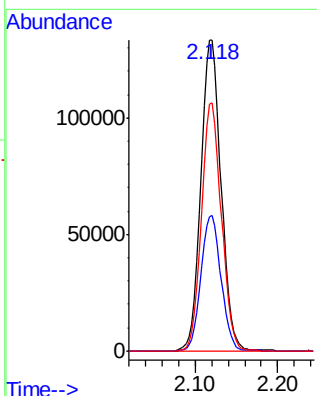
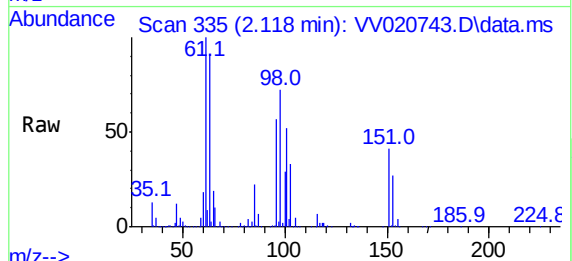


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.16 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020743.D
 Acq: 24 Mar 2021 17:38

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Tgt Ion:101 Resp: 227451

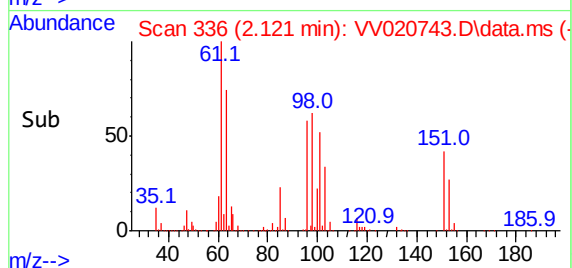
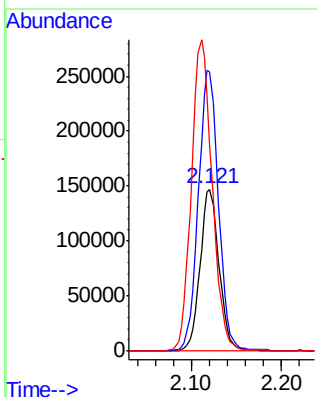
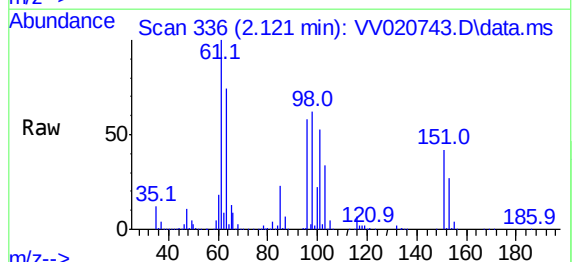
Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.4	53.0
151	78.6	63.5	95.3

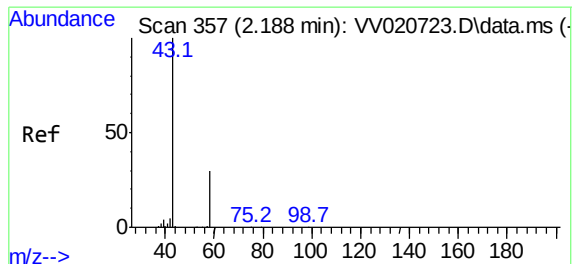


#12
 1,1-Dichloroethene
 Concen: 50.16 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020743.D
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Tgt Ion: 96 Resp: 211455

Ion	Ratio	Lower	Upper
96	100		
61	172.2	126.3	234.6
63	127.1	100.2	186.2

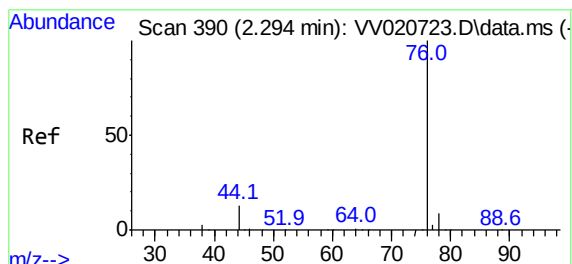
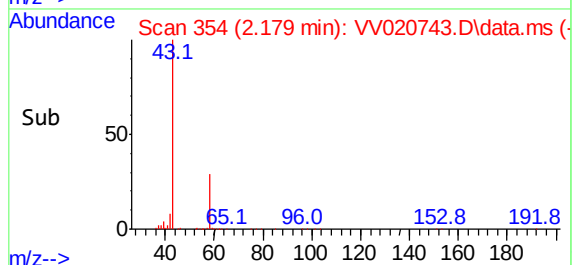
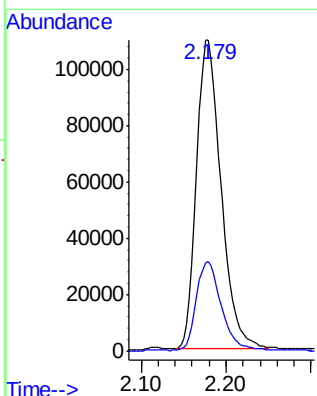
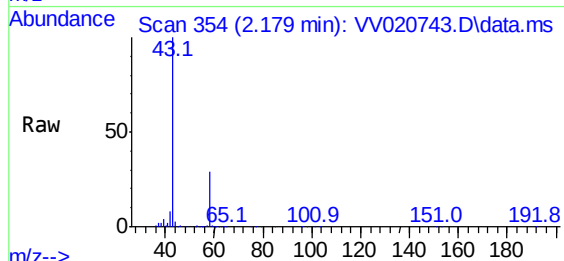




#13
Acetone
Concen: 92.87 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.010 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

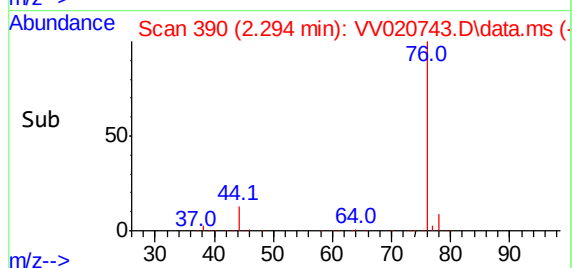
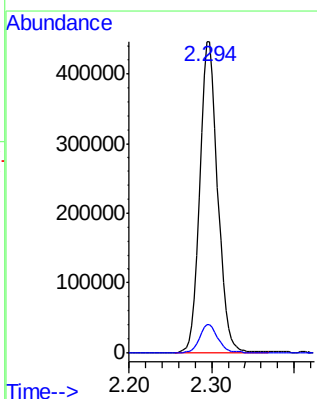
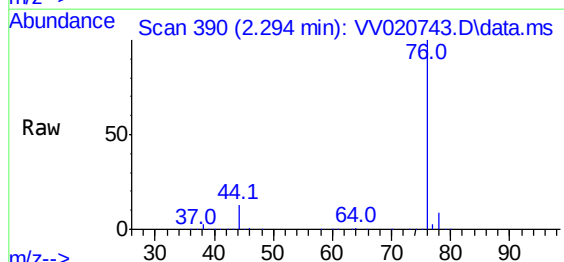
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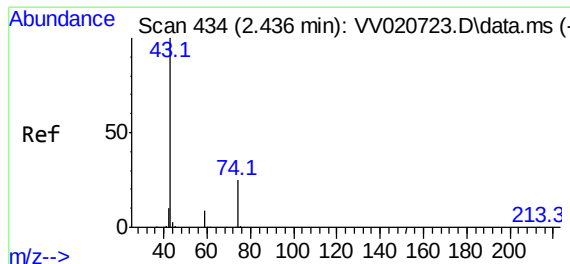
Tgt Ion: 43 Resp: 220991
Ion Ratio Lower Upper
43 100
58 29.5 0.0 60.8



#14
Carbon disulfide
Concen: 48.22 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 672217
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

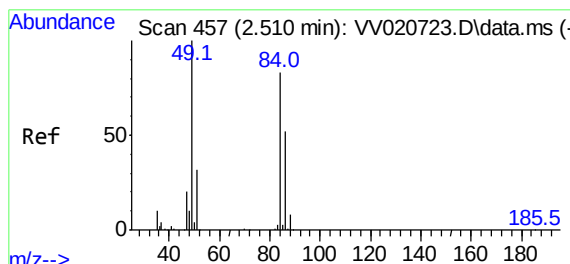
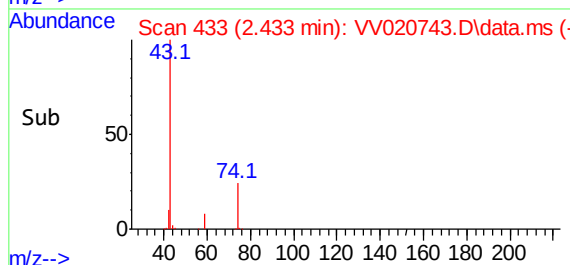
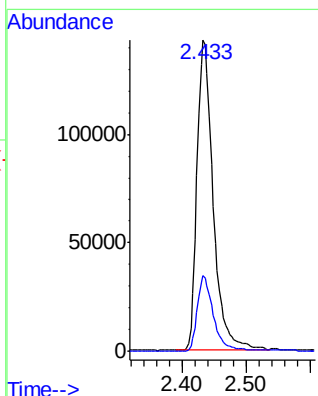
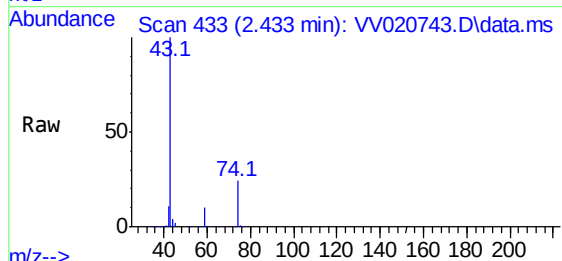




#15
Methyl Acetate
Concen: 50.96 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

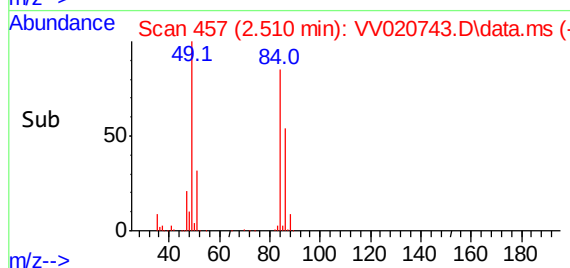
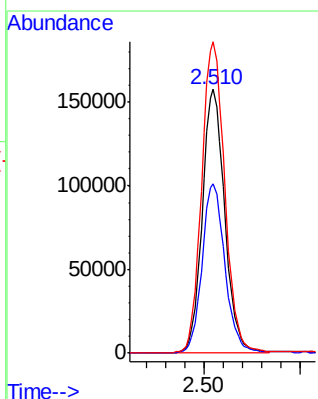
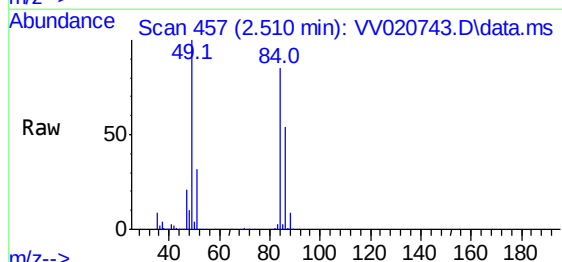
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

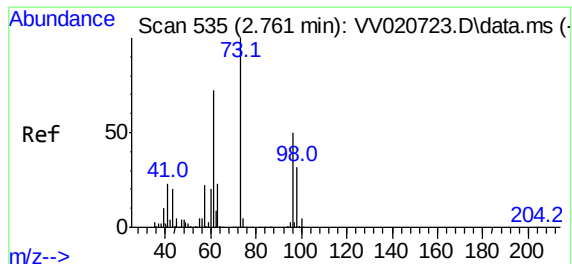
Tgt Ion: 43 Resp: 253143
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6



#16
Methylene chloride
Concen: 49.08 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 84 Resp: 252350
Ion Ratio Lower Upper
84 100
86 64.3 43.9 81.5
49 118.2 86.3 160.3

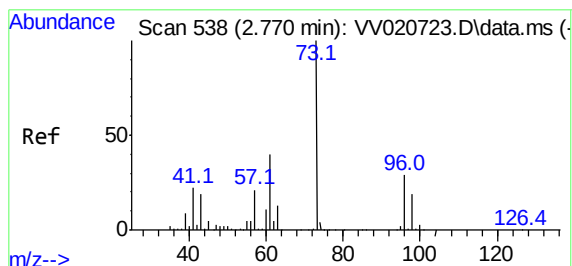
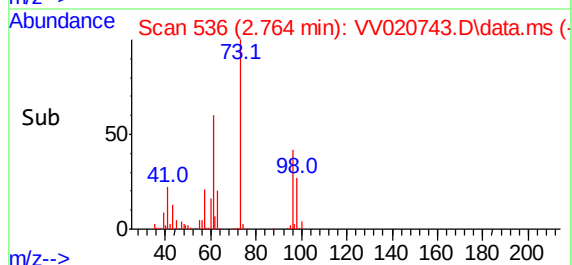
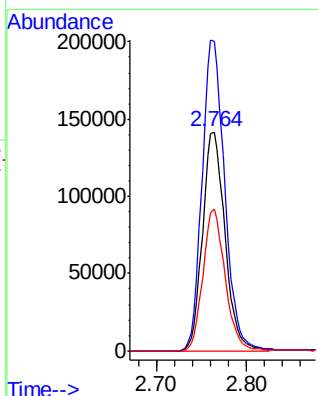
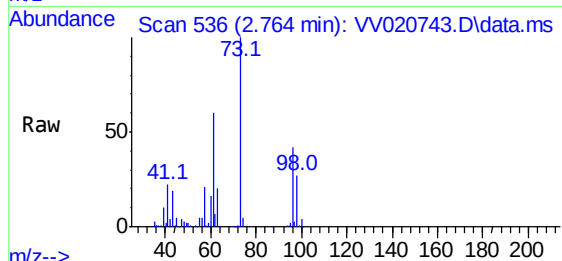




#17
trans-1,2-Dichloroethene
Concen: 50.44 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

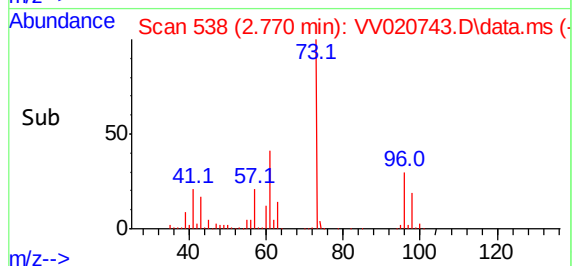
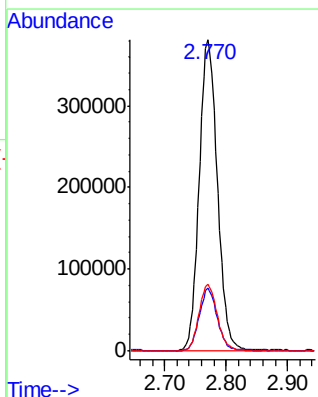
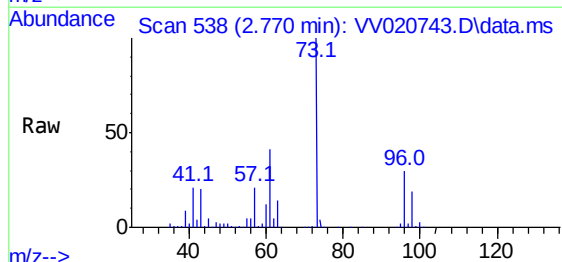
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

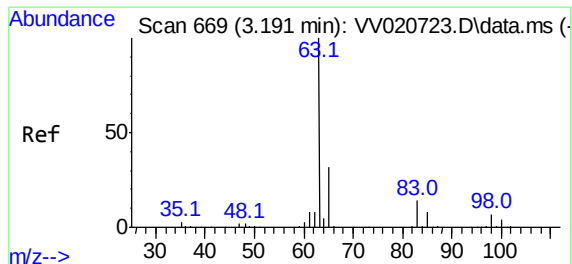
Tgt Ion: 96 Resp: 243850
Ion Ratio Lower Upper
96 100
61 141.4 97.9 181.9
98 64.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 52.00 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 73 Resp: 779460
Ion Ratio Lower Upper
73 100
43 19.4 15.4 23.0
57 21.3 17.0 25.6

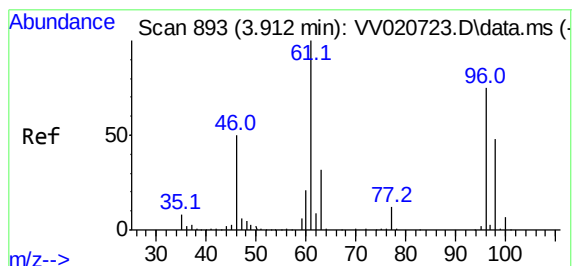
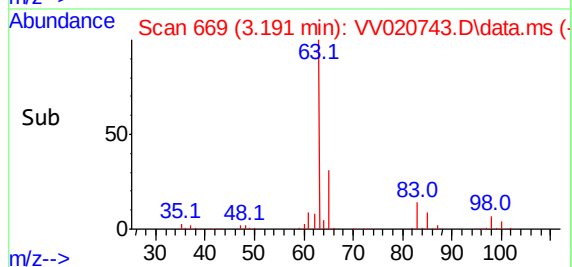
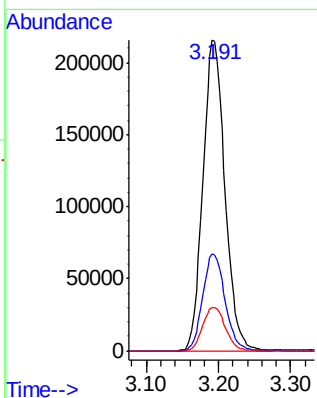
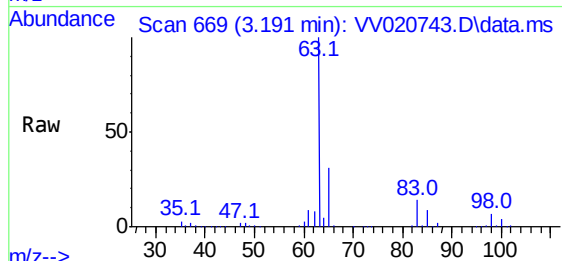




#19
1,1-Dichloroethane
Concen: 50.50 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

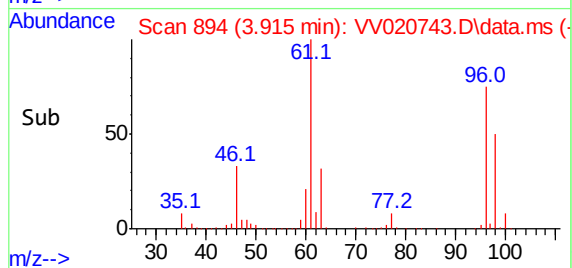
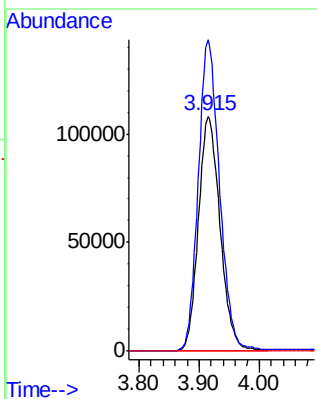
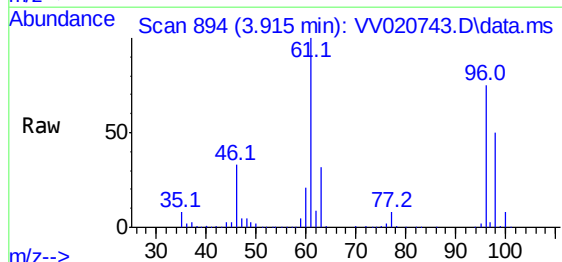
Instrument :
MSVOA_V
ClientSampled :
VSTD05091

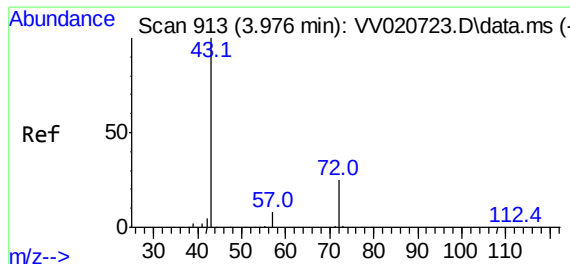
Tgt Ion: 63 Resp: 453539
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.9
83 14.0 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 51.26 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 96 Resp: 265151
Ion Ratio Lower Upper
96 100
61 132.5 89.9 167.0
68 0.0 0.0 0.0

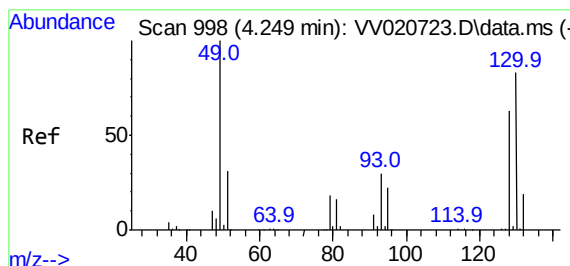
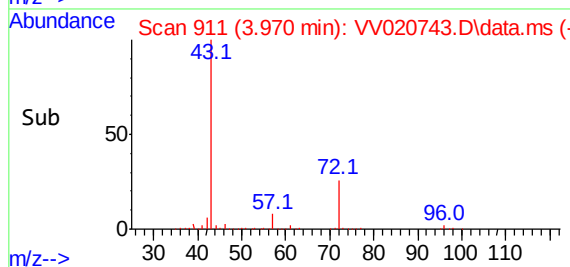
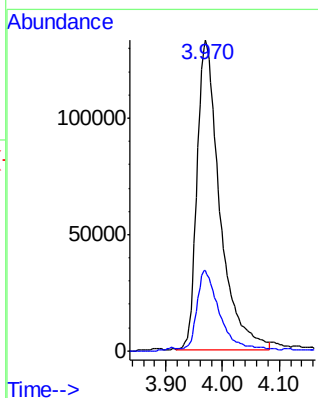
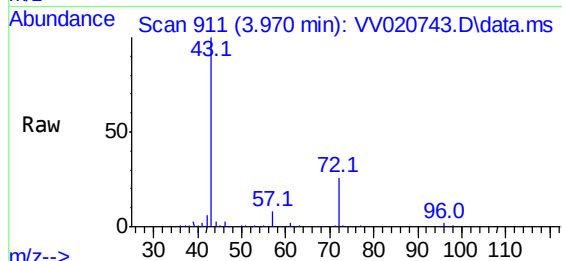




#22
2-Butanone
Concen: 105.71 ug/L
RT: 3.970 min Scan# 911
Delta R.T. -0.006 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

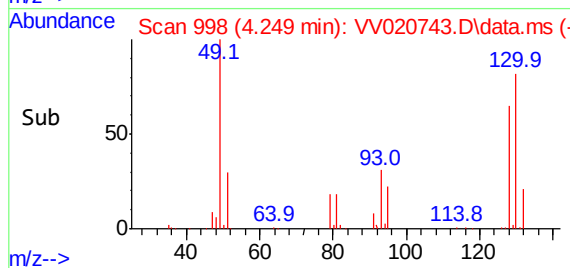
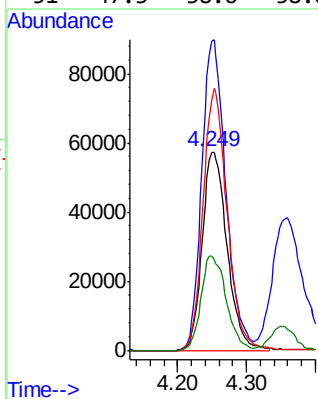
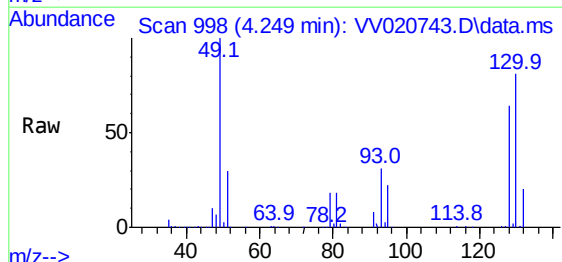
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

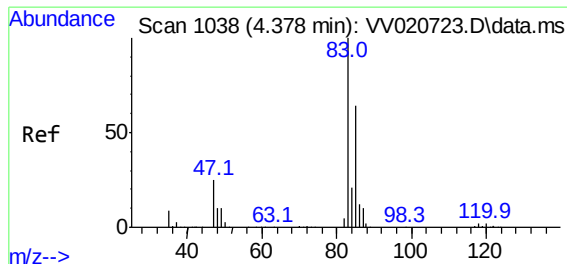
Tgt Ion: 43 Resp: 368184
Ion Ratio Lower Upper
43 100
72 23.8 11.9 35.9



#23
Bromochloromethane
Concen: 51.40 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion:128 Resp: 143119
Ion Ratio Lower Upper
128 100
49 156.1 113.3 210.3
130 126.5 88.7 164.7
51 47.3 38.6 58.0

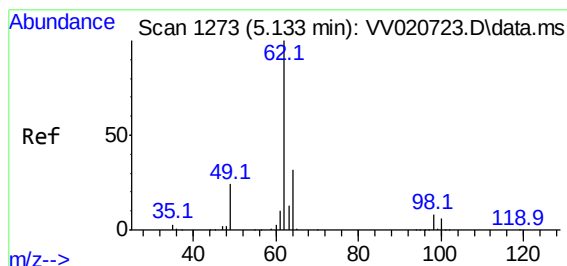
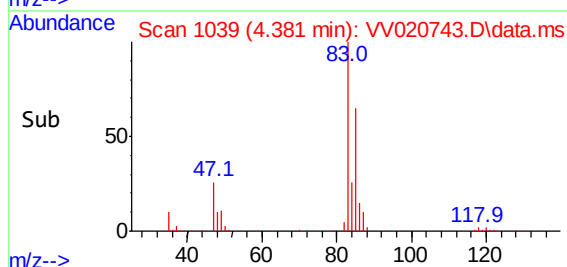
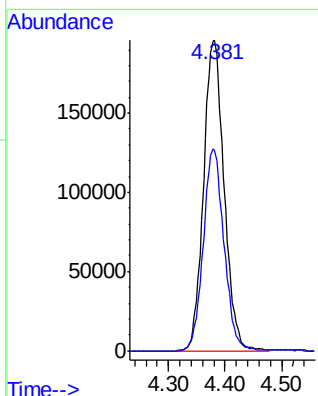
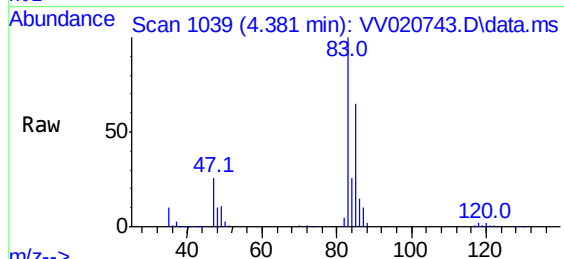




#25
Chloroform
Concen: 51.48 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

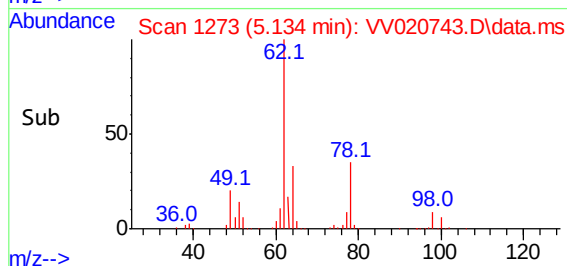
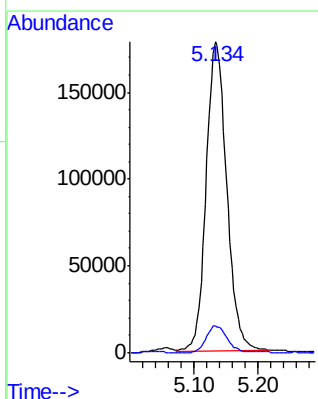
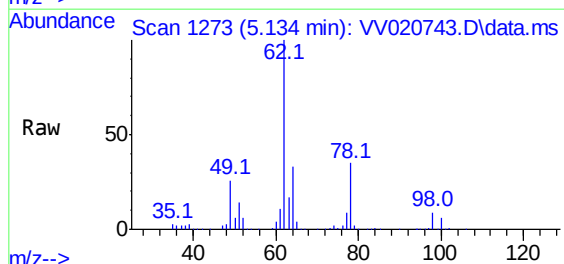
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

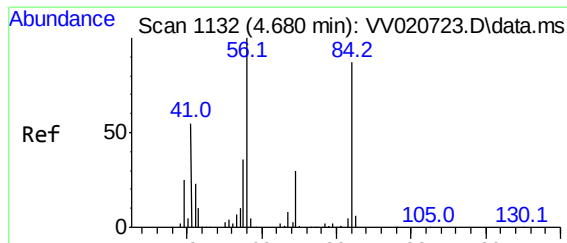
Tgt Ion: 83 Resp: 491762
Ion Ratio Lower Upper
83 100
85 64.6 46.7 86.7



#27
1,2-Dichloroethane
Concen: 51.89 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 62 Resp: 395986
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2



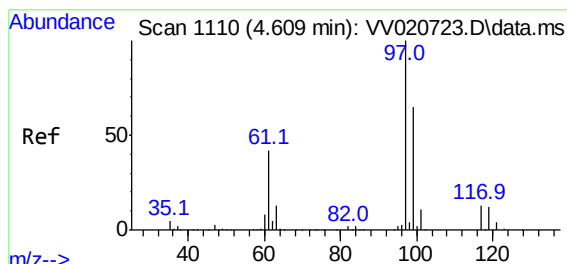
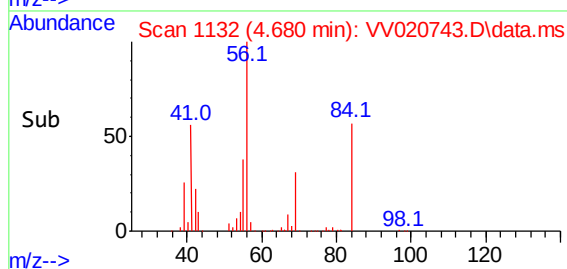
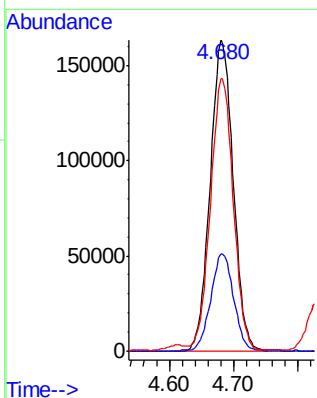
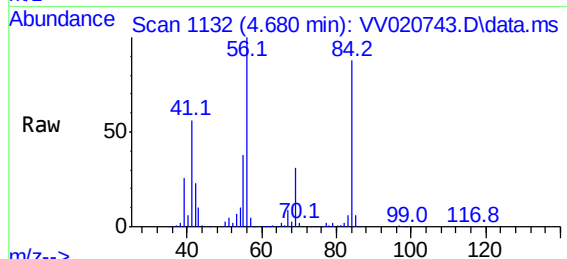


#29
Cyclohexane
Concen: 50.84 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Instrument :
MSVOA_V
ClientSampled :
VSTD05091

Tgt Ion: 56 Resp: 406729

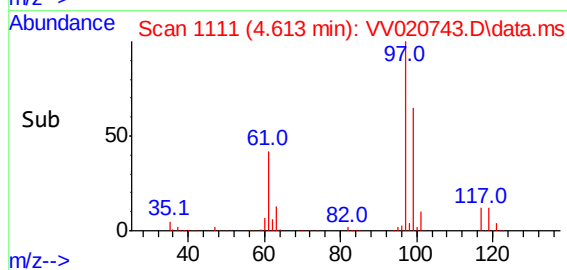
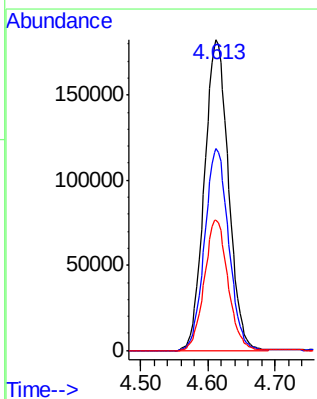
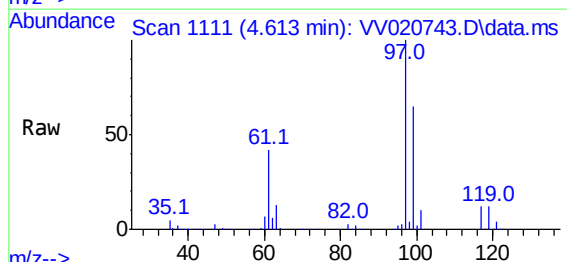
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.4	36.6
84	87.0	69.9	104.9

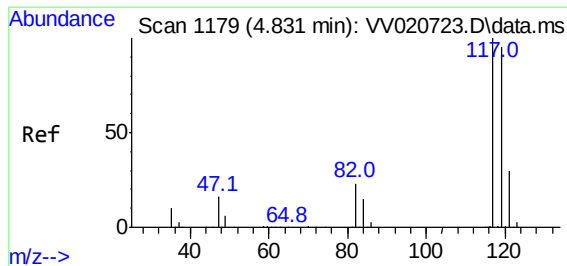


#30
1,1,1-Trichloroethane
Concen: 52.22 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 97 Resp: 456826

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	41.3	33.9	50.9

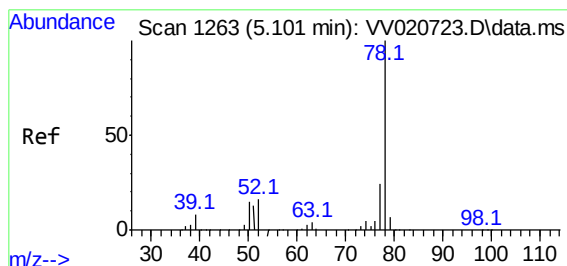
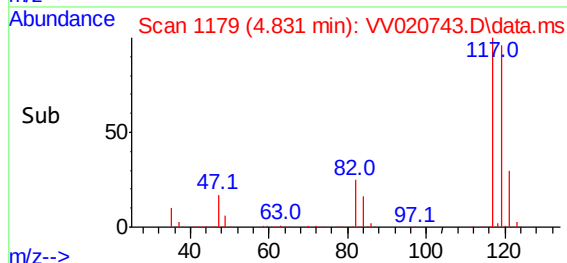
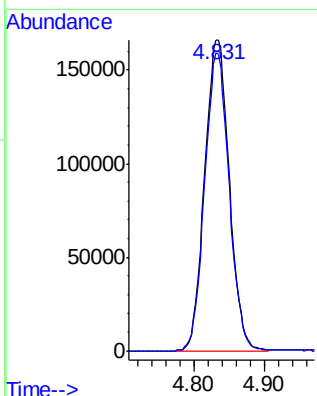
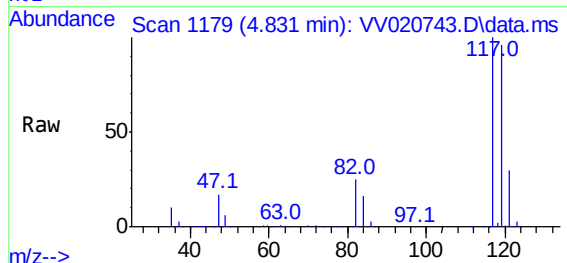




#31
Carbon tetrachloride
Concen: 51.59 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

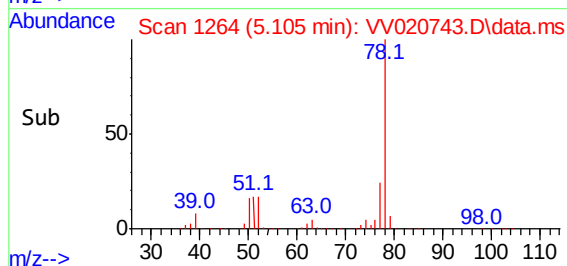
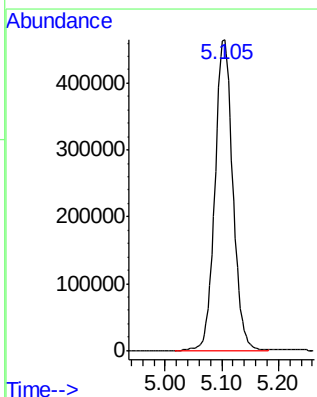
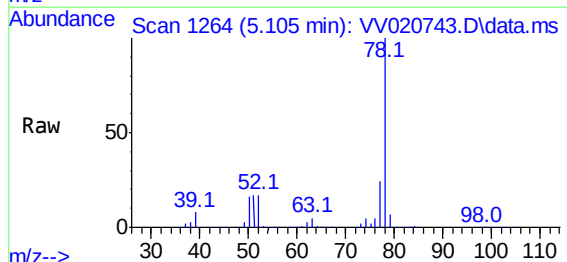
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

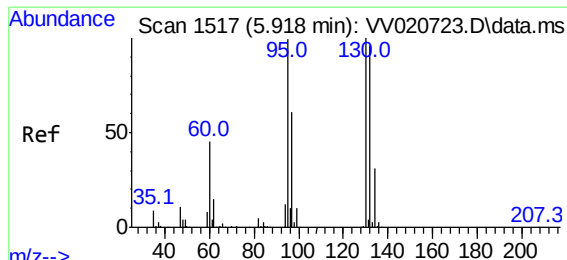
Tgt Ion:117 Resp: 403092
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3



#33
Benzene
Concen: 52.21 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 78 Resp: 1018541





#34

Trichloroethene

Concen: 50.58 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VV020743.D

Acq: 24 Mar 2021 17:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD05091

Tgt Ion: 95 Resp: 270528

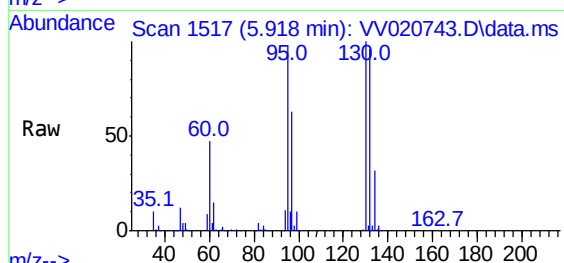
Ion Ratio Lower Upper

95 100

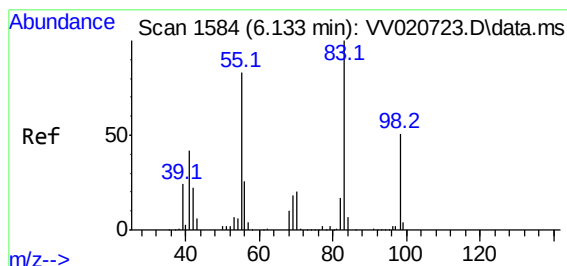
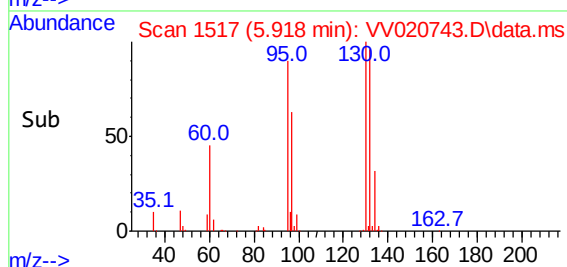
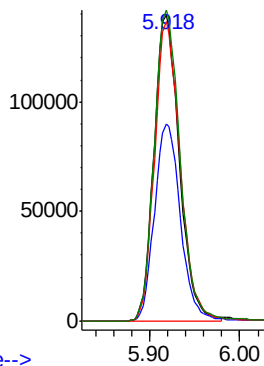
97 64.4 43.5 80.9

132 97.9 69.5 129.1

130 101.6 70.7 131.3



Abundance



#35

Methylcyclohexane

Concen: 50.17 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.003 min

Lab File: VV020743.D

Acq: 24 Mar 2021 17:38

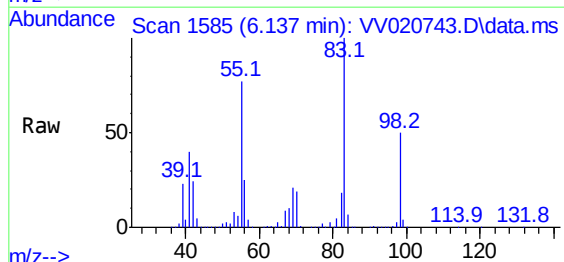
Tgt Ion: 83 Resp: 411681

Ion Ratio Lower Upper

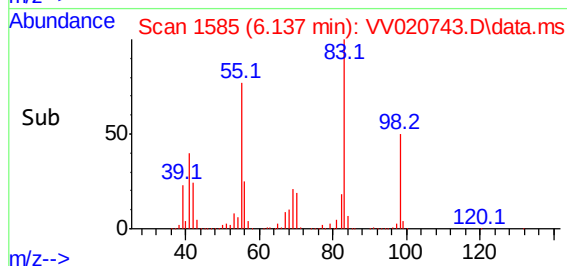
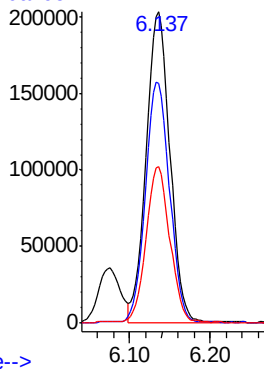
83 100

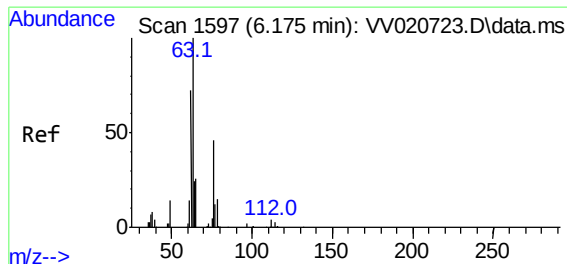
55 78.6 62.7 94.1

98 50.2 38.9 58.3



Abundance

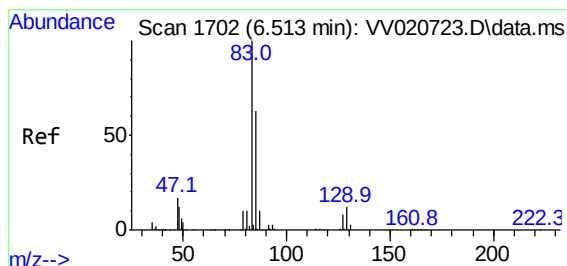
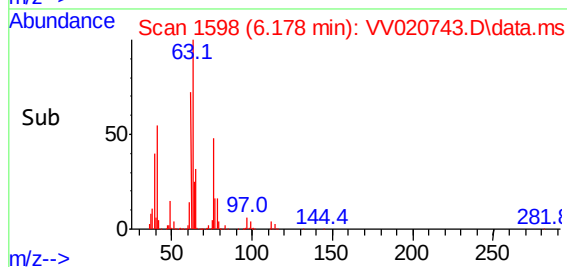
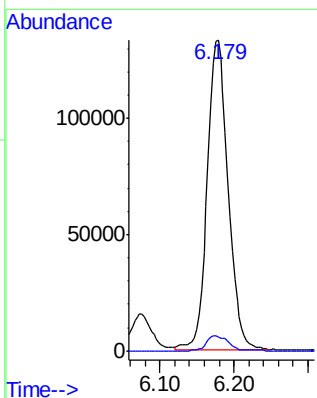
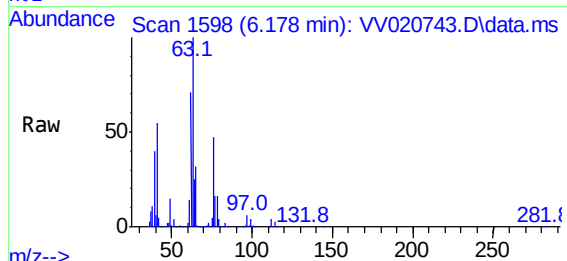




#37
1,2-Dichloropropane
Concen: 51.07 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

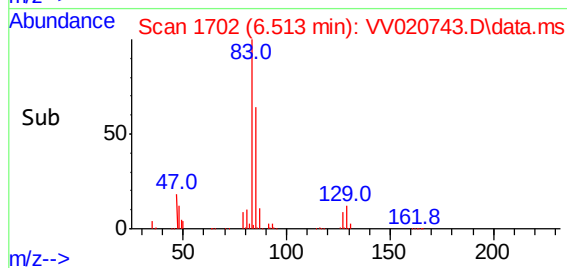
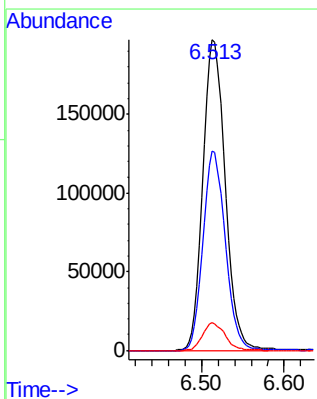
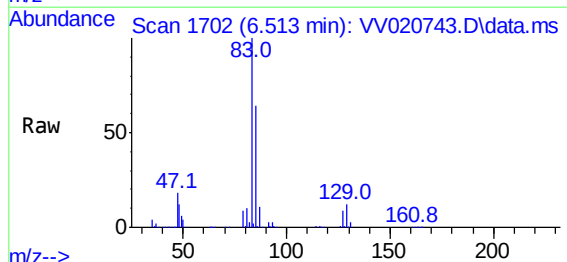
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

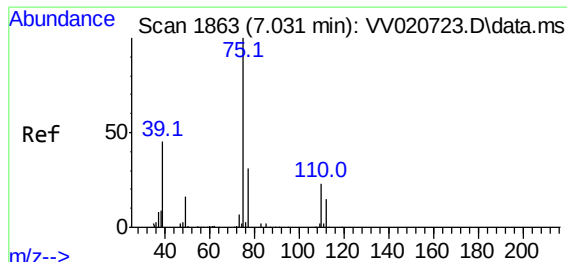
Tgt Ion: 63 Resp: 261268
Ion Ratio Lower Upper
63 100
112 4.9 3.7 5.5



#38
Bromodichloromethane
Concen: 51.29 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 83 Resp: 368541
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
127 8.8 6.8 10.2

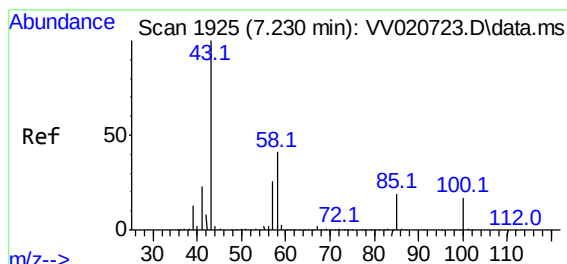
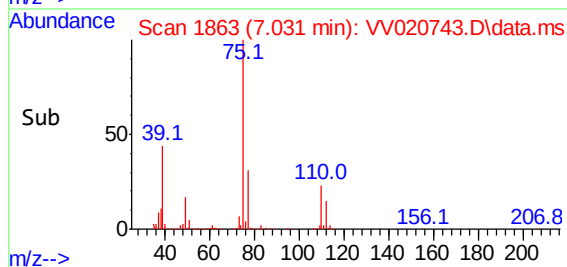
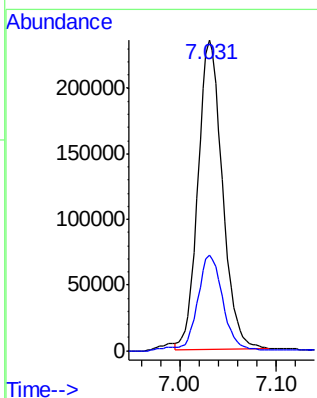
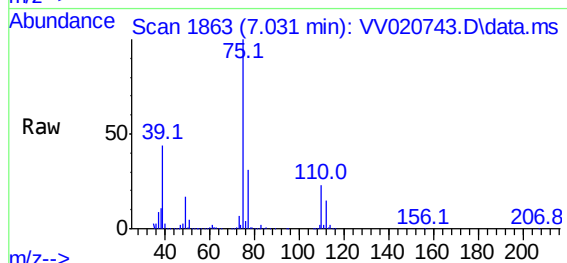




#39
cis-1,3-Dichloropropene
Concen: 52.19 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

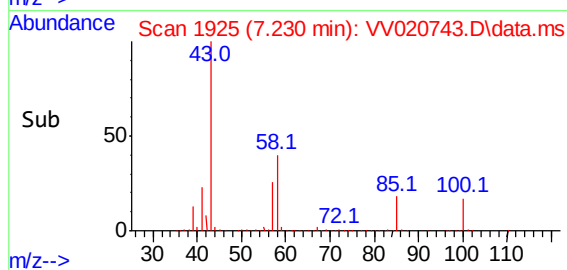
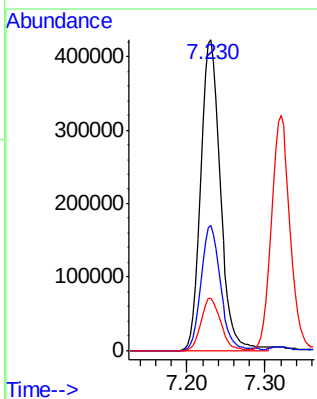
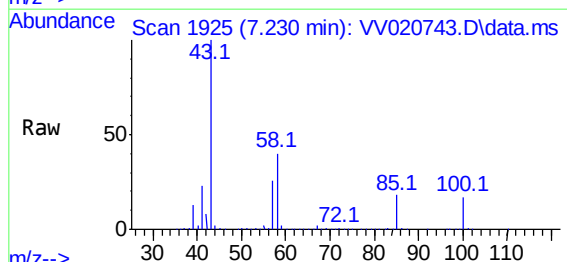
Instrument :
MSVOA_V
ClientSampled :
VSTD05091

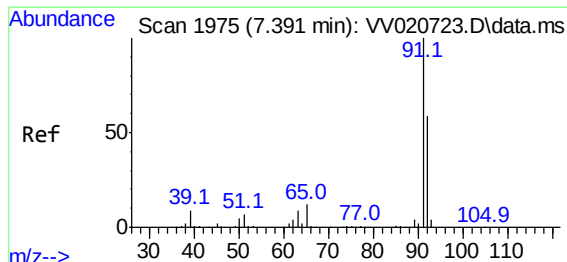
Tgt Ion: 75 Resp: 412257
Ion Ratio Lower Upper
75 100
77 30.7 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 107.30 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 43 Resp: 736213
Ion Ratio Lower Upper
43 100
58 39.9 32.3 48.5
100 16.7 13.0 19.4

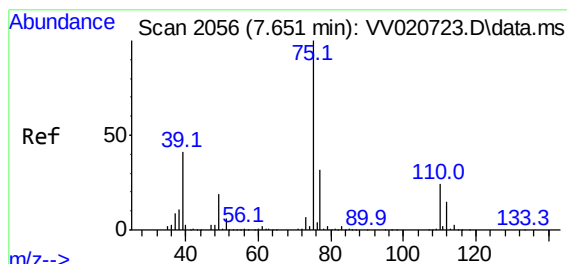
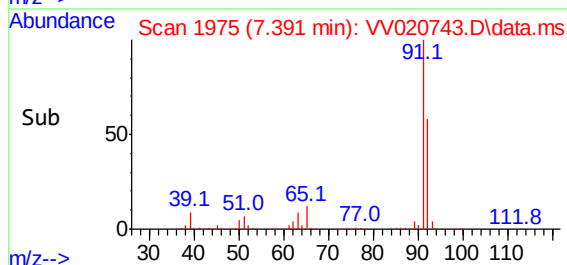
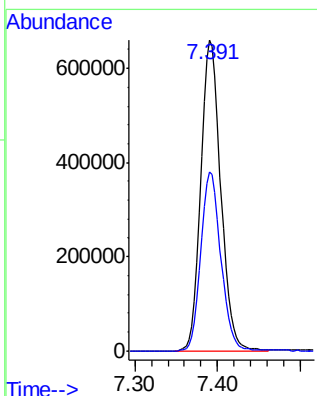
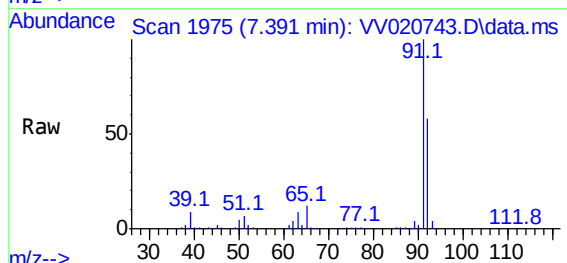




#42
Toluene
Concen: 52.47 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

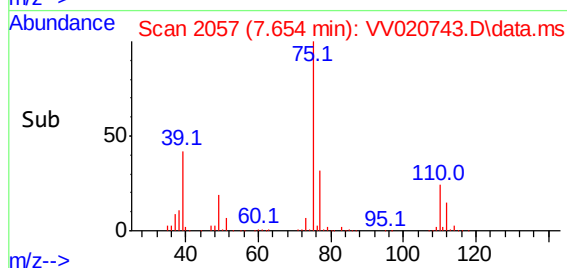
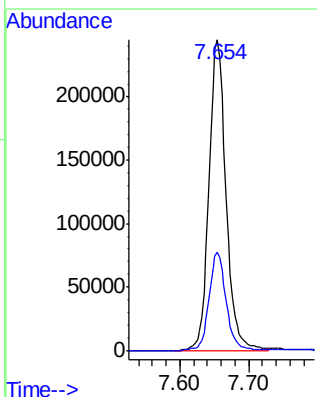
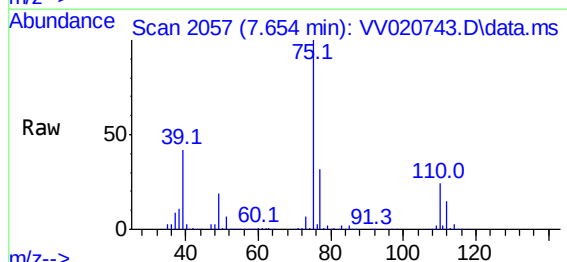
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

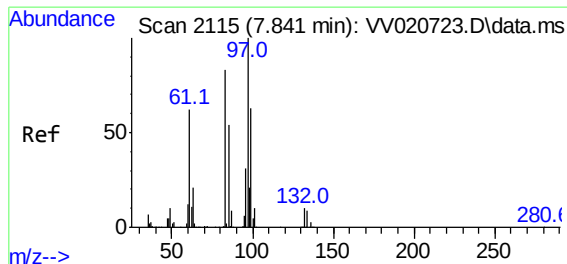
Tgt Ion: 91 Resp: 1112727
Ion Ratio Lower Upper
91 100
92 57.7 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 52.74 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 75 Resp: 419496
Ion Ratio Lower Upper
75 100
77 31.5 21.6 40.0



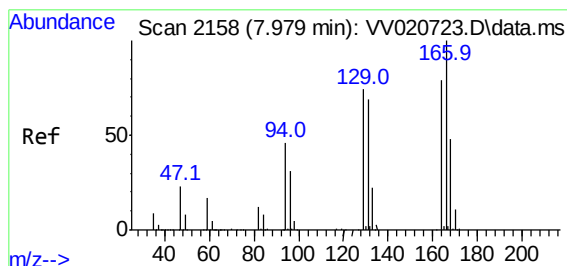
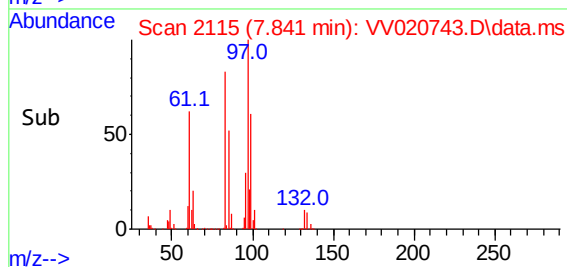
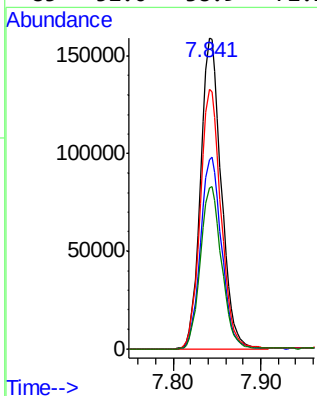
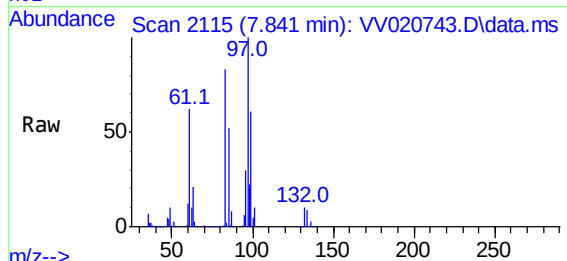


#45
1,1,2-Trichloroethane
Concen: 51.91 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

Tgt Ion: 97 Resp: 261274

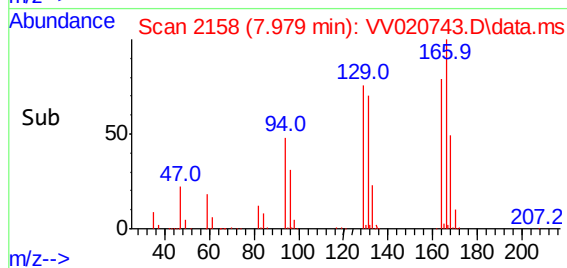
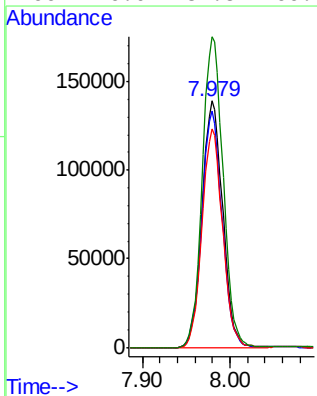
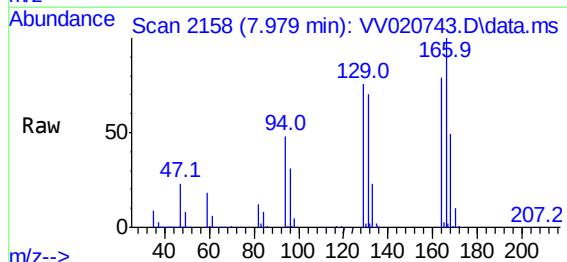
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.1	81.9
83	83.4	60.7	112.7
85	52.0	38.9	72.2

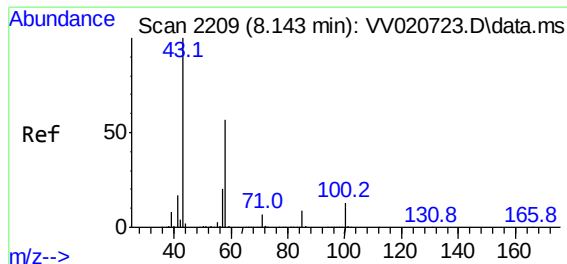


#46
Tetrachloroethene
Concen: 50.99 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 164 Resp: 227653

Ion	Ratio	Lower	Upper
164	100		
129	95.7	64.3	119.5
131	88.6	63.5	117.9
166	126.0	89.8	166.8

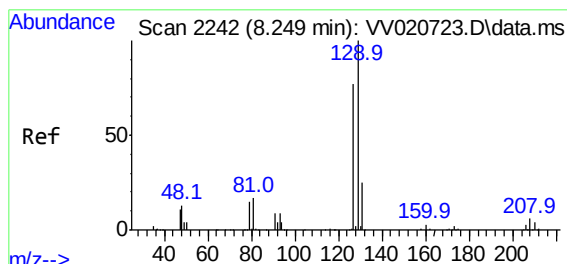
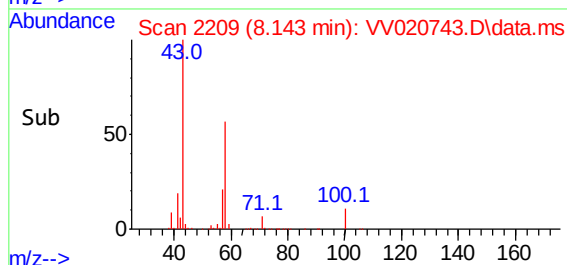
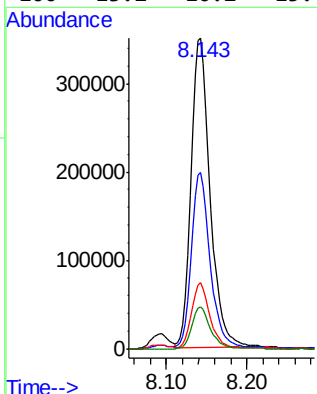
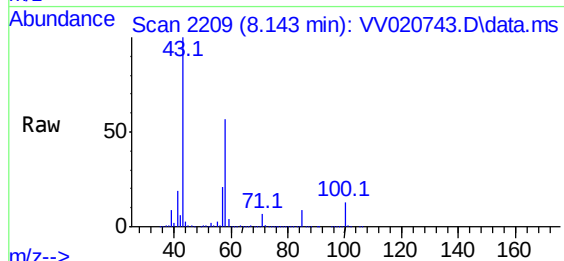




#48
2-Hexanone
Concen: 108.73 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

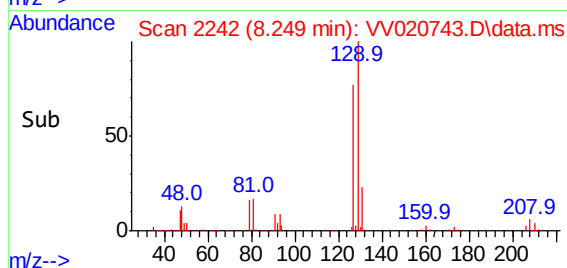
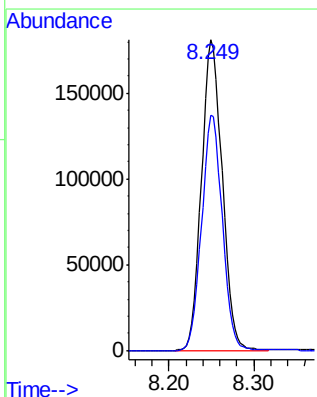
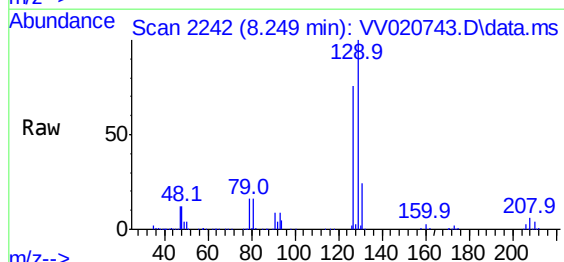
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

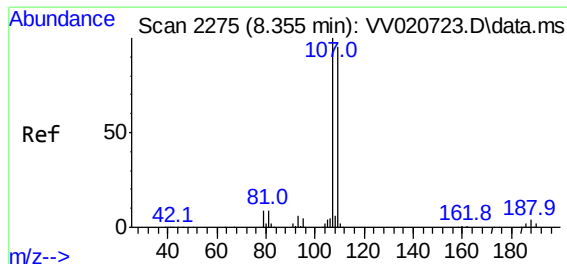
Tgt Ion: 43 Resp: 569507
Ion Ratio Lower Upper
43 100
58 55.3 45.8 68.8
57 20.6 15.4 23.2
100 13.2 10.2 15.4



#49
Dibromochloromethane
Concen: 52.36 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 129 Resp: 307009
Ion Ratio Lower Upper
129 100
127 75.7 54.6 101.4

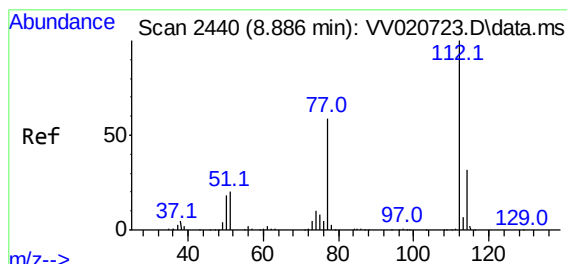
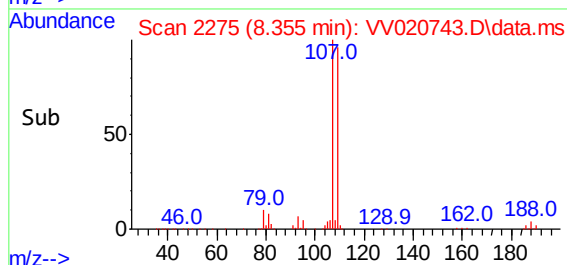
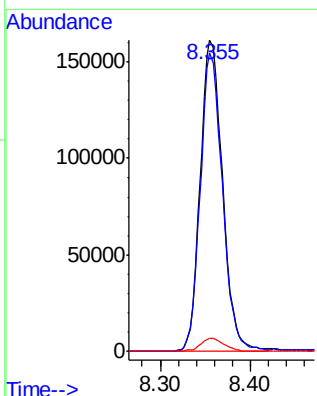
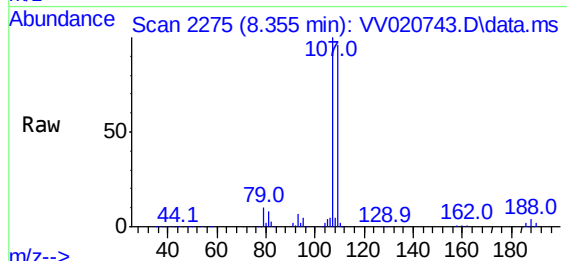




#50
1,2-Dibromoethane
Concen: 51.12 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

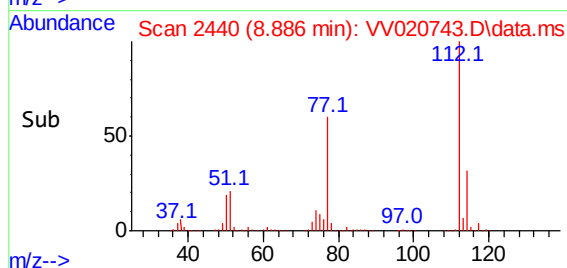
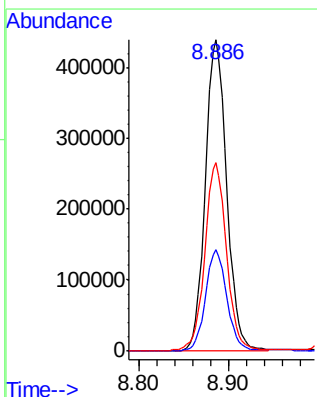
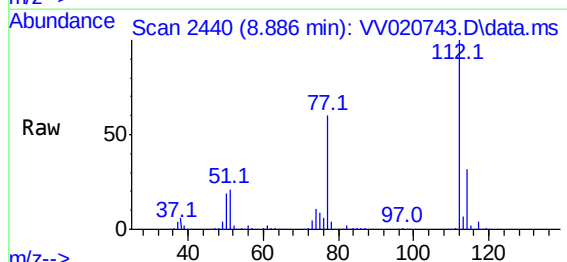
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

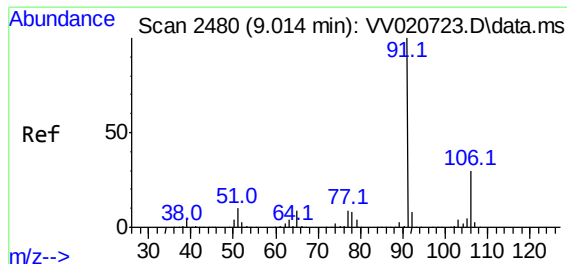
Tgt Ion:107 Resp: 275535
Ion Ratio Lower Upper
107 100
109 95.9 66.7 123.9
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 50.14 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion:112 Resp: 713680
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 60.3 46.7 70.1

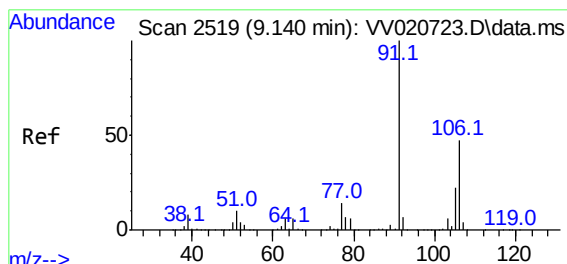
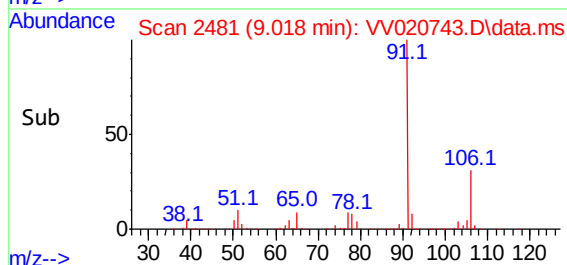
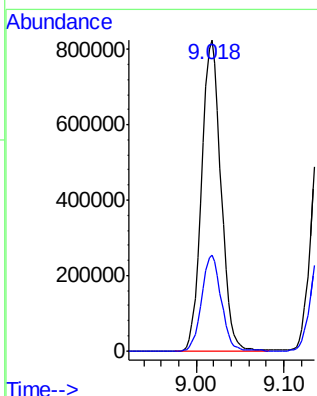
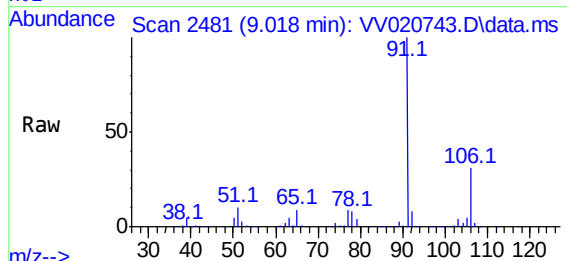




#52
Ethylbenzene
Concen: 52.18 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

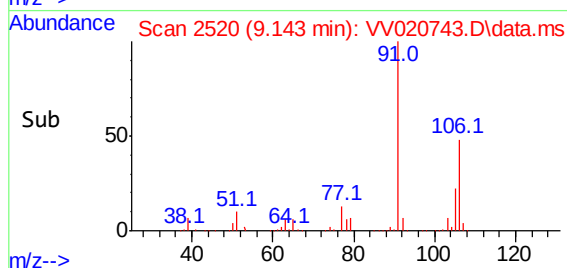
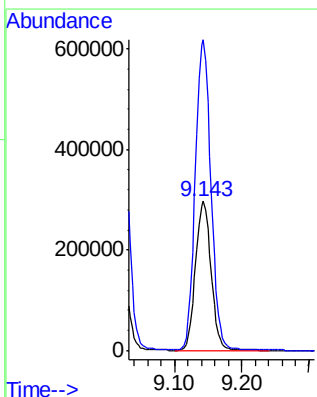
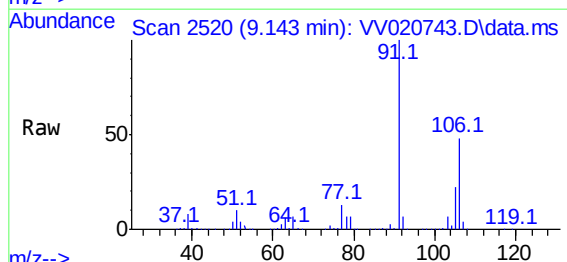
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

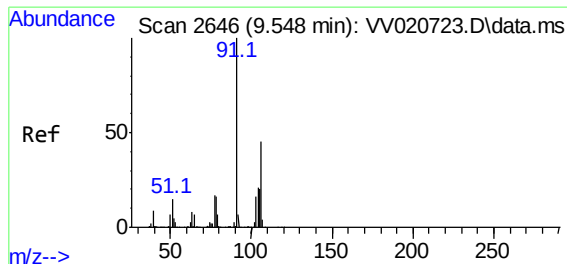
Tgt Ion: 91 Resp: 1262796
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8



#53
m,p-Xylene
Concen: 52.63 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion:106 Resp: 473753
Ion Ratio Lower Upper
106 100
91 208.0 145.7 270.7

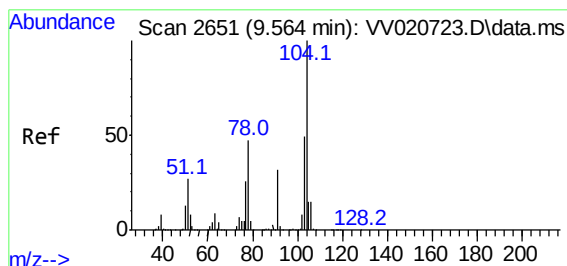
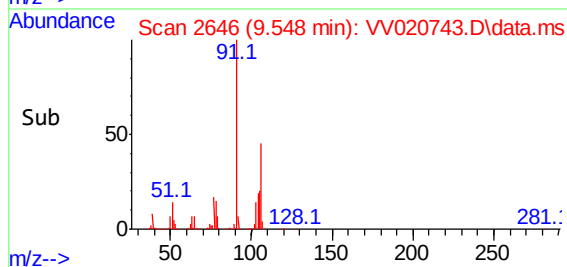
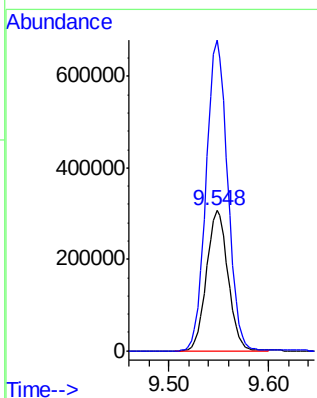
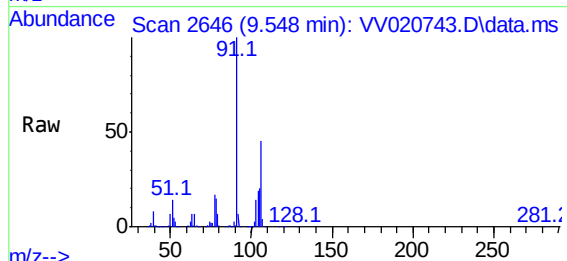




#54
o-xylene
Concen: 52.96 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

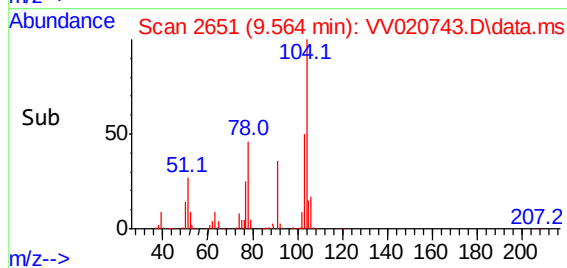
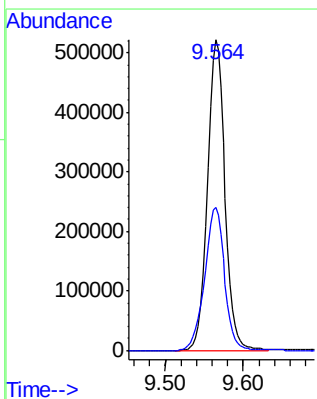
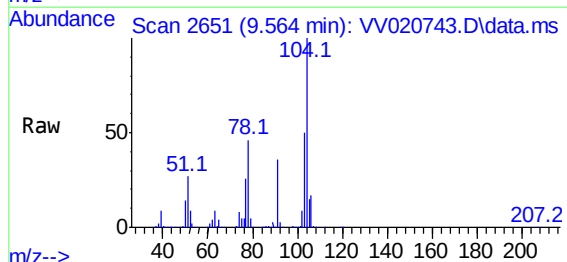
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

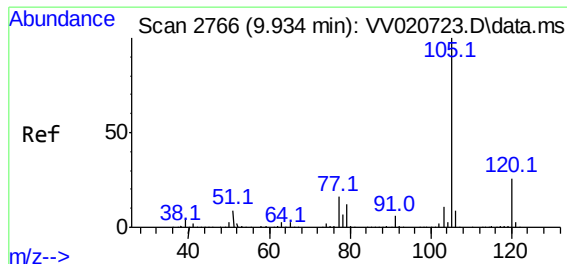
Tgt Ion:106 Resp: 459446
Ion Ratio Lower Upper
106 100
91 222.2 157.8 293.1



#55
Styrene
Concen: 53.91 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion:104 Resp: 821728
Ion Ratio Lower Upper
104 100
78 46.2 33.6 62.4

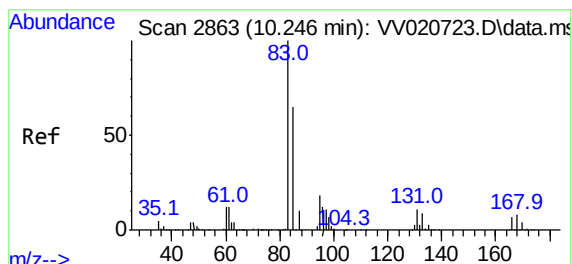
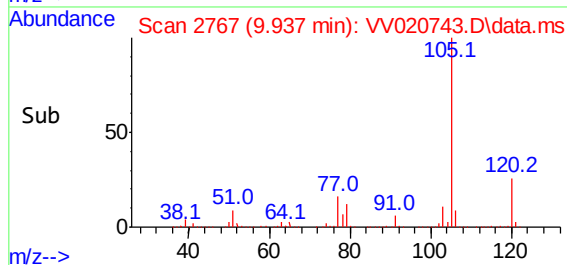
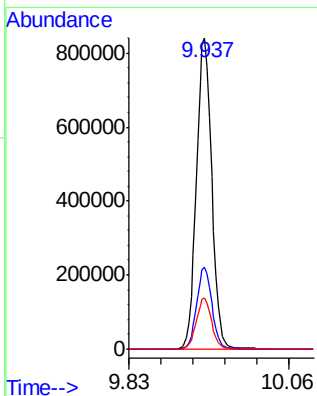
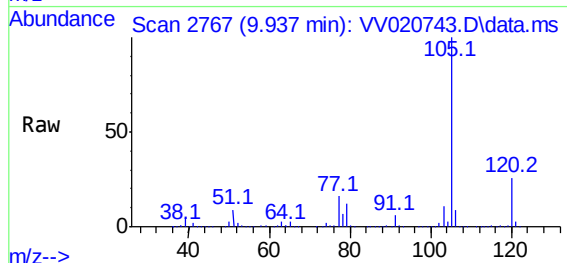




#56
Isopropylbenzene
Concen: 52.55 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

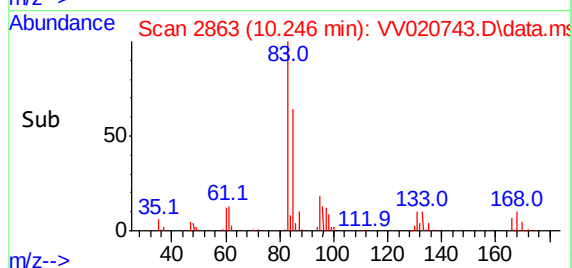
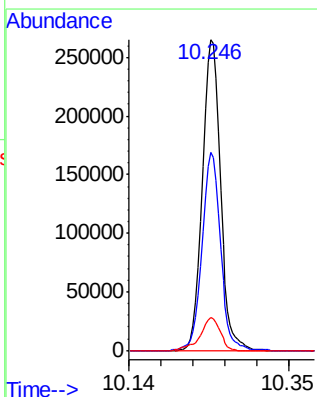
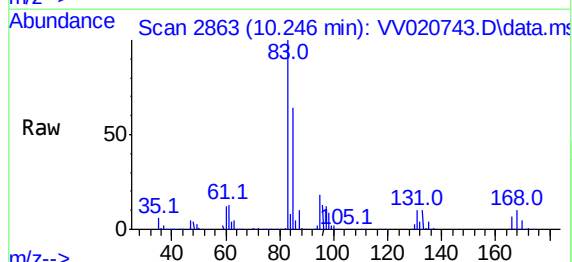
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

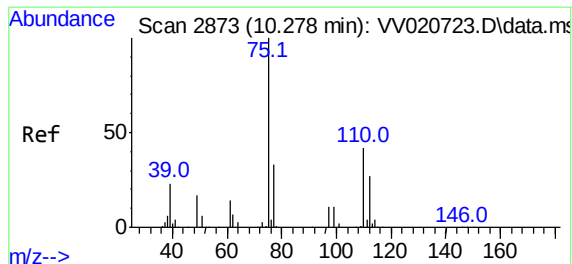
Tgt Ion:105 Resp: 1255571
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.1 12.9 19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 51.98 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 83 Resp: 426799
Ion Ratio Lower Upper
83 100
85 63.7 44.7 83.1
131 10.5 8.6 12.8

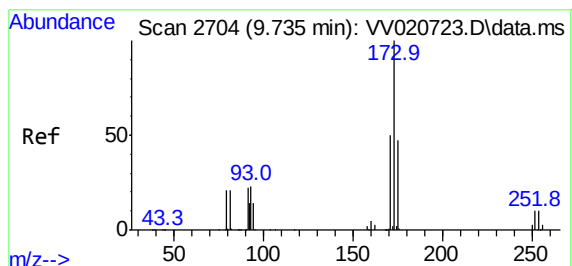
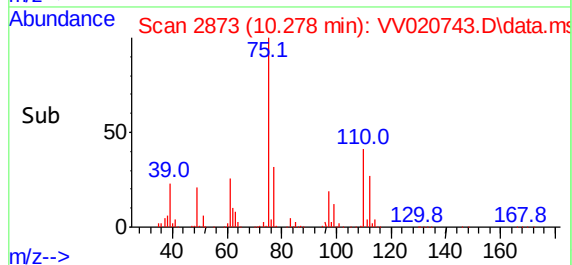
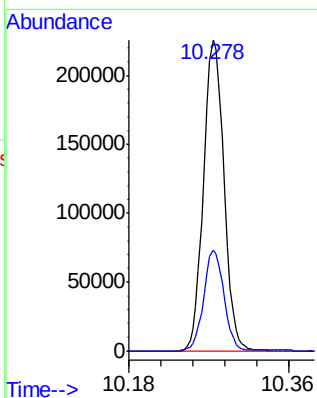
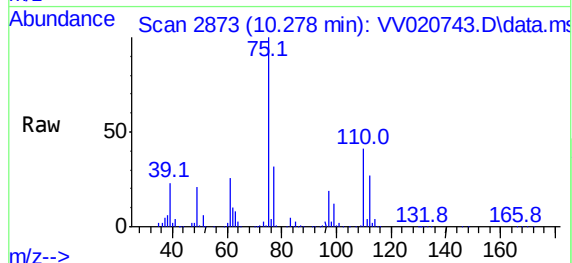




#59
1,2,3-Trichloropropane
Concen: 52.80 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

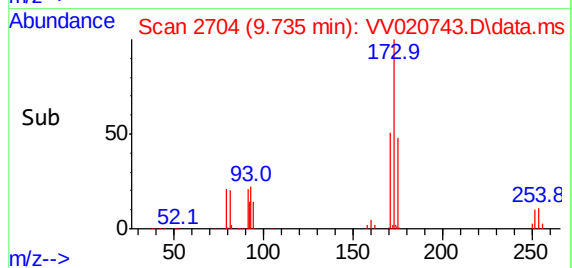
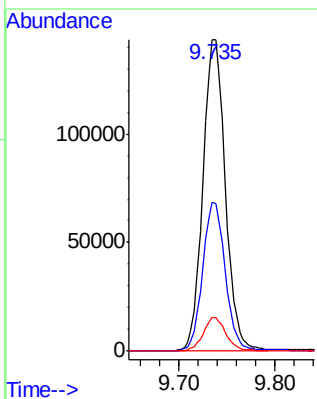
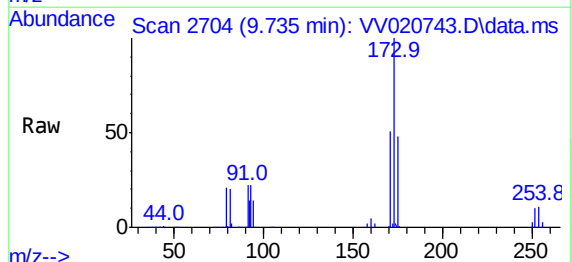
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

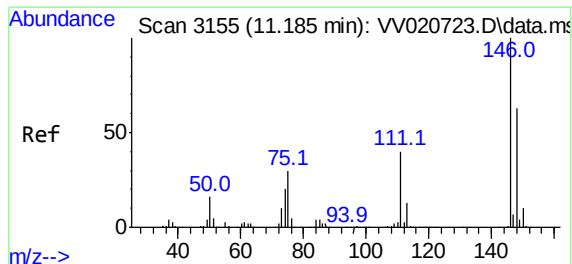
Tgt Ion: 75 Resp: 352812
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9



#61
Bromoform
Concen: 51.83 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion:173 Resp: 230793
Ion Ratio Lower Upper
173 100
175 47.9 38.4 57.6
254 10.5 8.5 12.7

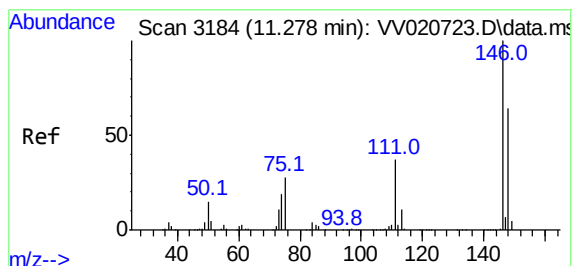
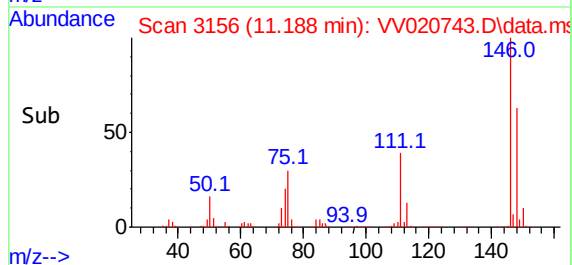
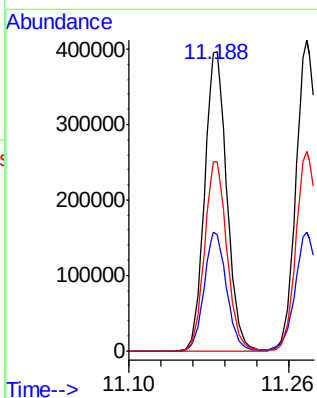
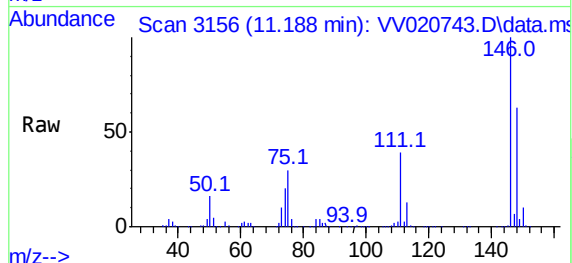




#62
1,3-Dichlorobenzene
Concen: 50.96 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

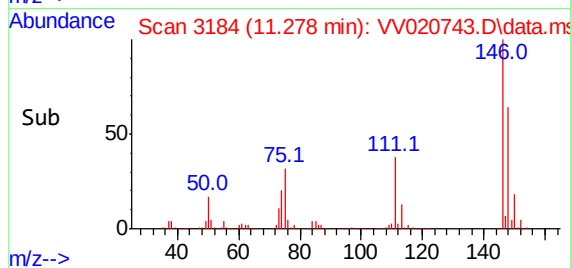
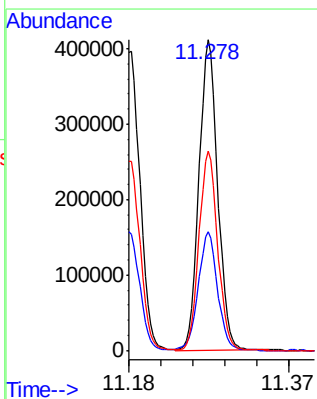
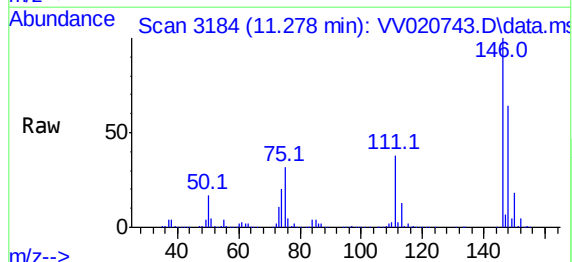
Instrument :
MSVOA_V
ClientSampled :
VSTD05091

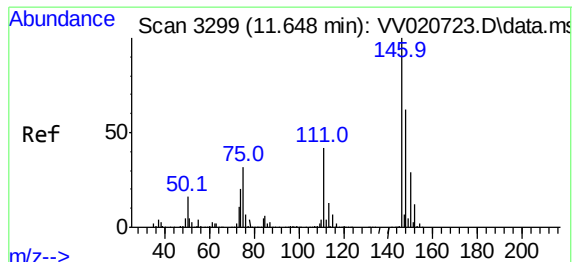
Tgt Ion:146 Resp: 609837
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 63.1 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 50.26 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion:146 Resp: 625584
Ion Ratio Lower Upper
146 100
111 38.2 26.0 48.4
148 64.2 44.1 81.9

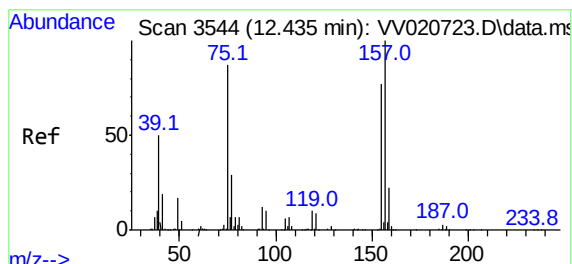
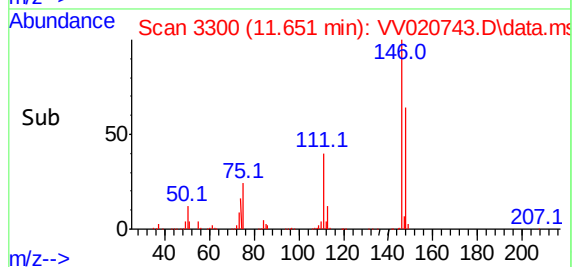
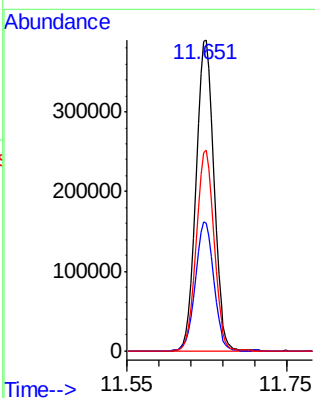
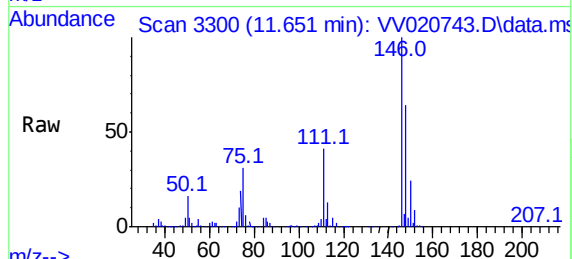




#65
1,2-Dichlorobenzene
Concen: 52.03 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

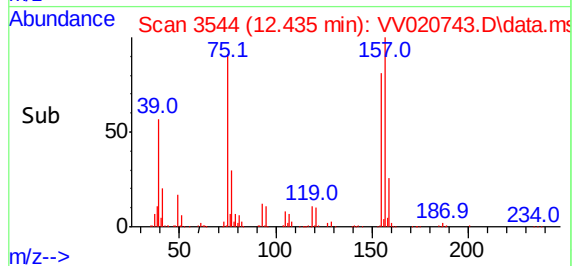
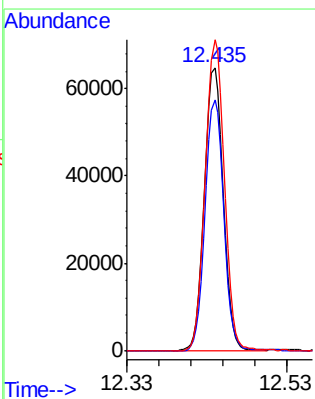
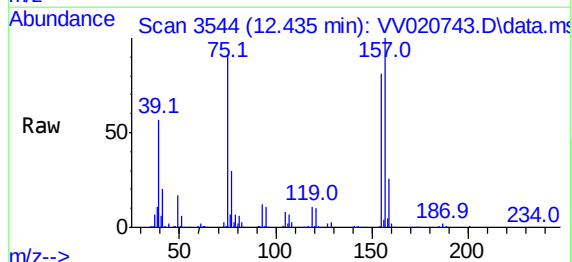
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

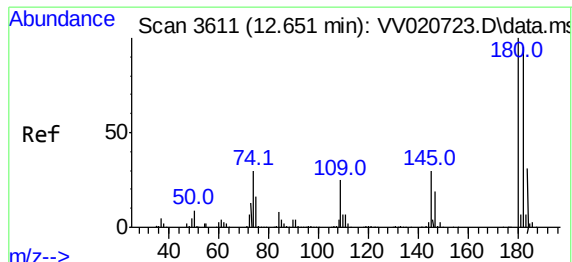
Tgt Ion:146 Resp: 613666
Ion Ratio Lower Upper
146 100
111 41.1 34.1 51.1
148 64.4 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 50.58 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion: 75 Resp: 100862
Ion Ratio Lower Upper
75 100
155 88.5 65.3 97.9
157 109.8 85.8 128.6

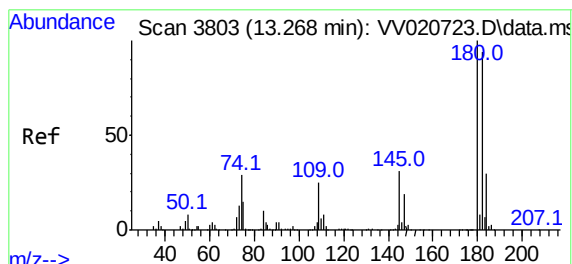
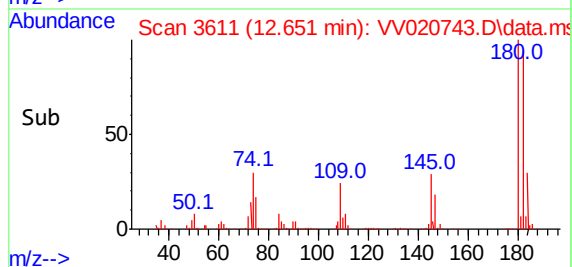
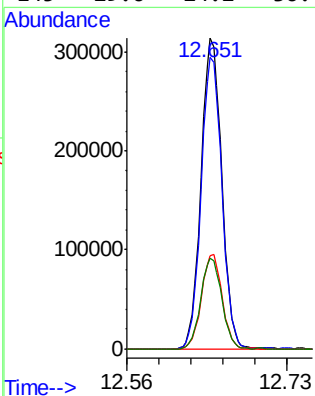
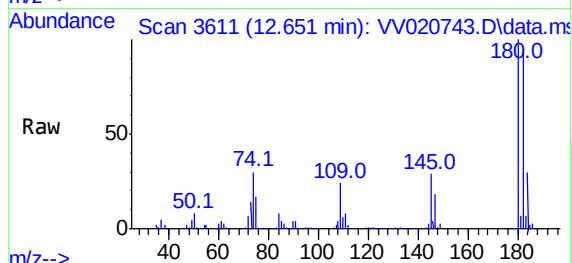




#67
1,3,5-Trichlorobenzene
Concen: 50.10 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

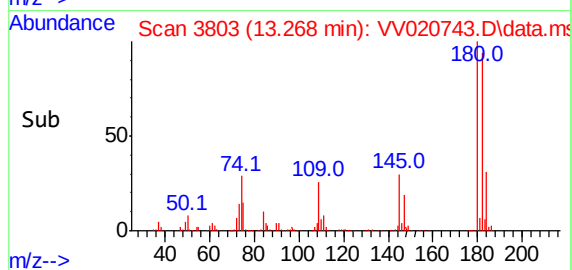
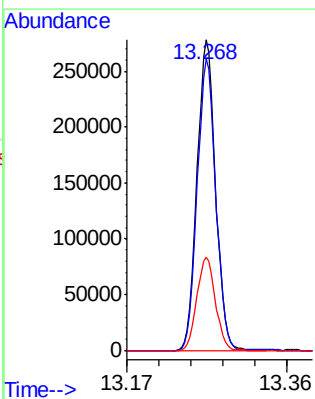
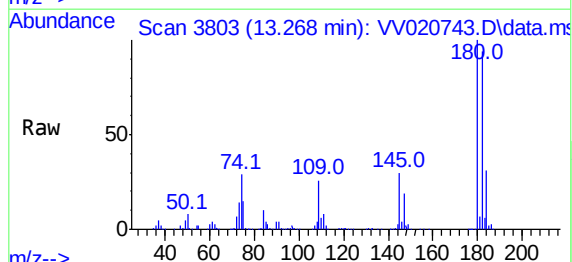
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

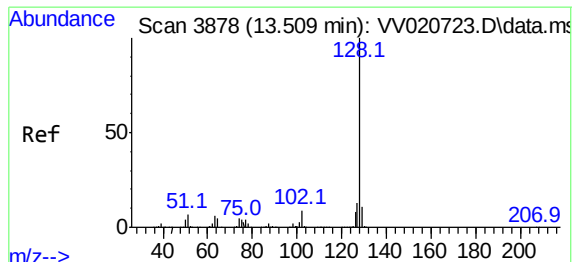
Tgt Ion:180 Resp: 464820
Ion Ratio Lower Upper
180 100
182 94.5 76.3 114.5
184 30.2 24.5 36.7
145 29.6 24.2 36.4



#68
1,2,4-trichlorobenzene
Concen: 53.17 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion:180 Resp: 418201
Ion Ratio Lower Upper
180 100
182 94.2 75.8 113.6
145 30.1 23.9 35.9



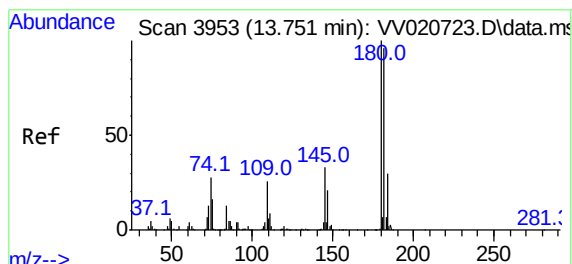
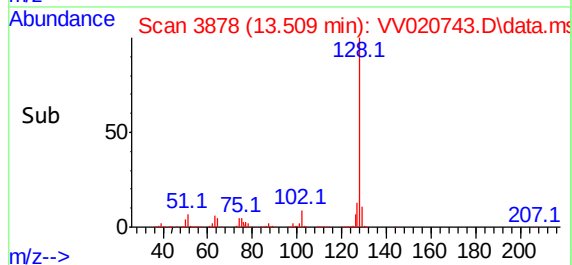
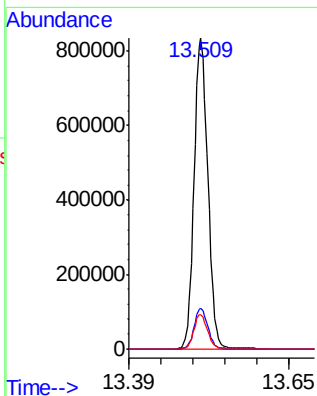
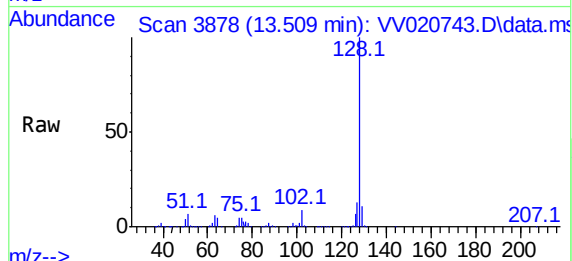


#69
Naphthalene
Concen: 57.41 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

Tgt Ion:128 Resp: 1292482

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1



#70
1,2,3-Trichlorobenzene
Concen: 53.36 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020743.D
Acq: 24 Mar 2021 17:38

Tgt Ion:180 Resp: 420295

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.2	112.8
145	31.9	25.5	38.3

