

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032621\
 Data File : VW020769.D
 Acq On : 26 Mar 2021 20:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Mar 27 06:56:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 06:50:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	659451	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	649540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	368112	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	202523	43.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.52%		
7) Chloroethane-d5	1.571	69	162188	45.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.64%		
11) 1,1-Dichloroethene-d2	2.111	63	422982	47.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.78%		
21) 2-Butanone-d5	3.892	46	292606	96.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.07%		
24) Chloroform-d	4.352	84	467214	50.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.42%		
26) 1,2-Dichloroethane-d4	5.037	65	313173	51.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.18%		
32) Benzene-d6	5.053	84	847548	48.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.90%		
36) 1,2-Dichloropropane-d6	6.075	67	257406	48.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.86%		
41) Toluene-d8	7.320	98	807076	50.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.16%		
43) trans-1,3-Dichloroprop...	7.625	79	141841	50.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.30%		
47) 2-Hexanone-d5	8.091	63	225973	101.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.40%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	378708	48.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.82%		
64) 1,2-Dichlorobenzene-d4	11.632	152	357506	50.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	298895	48.38	ug/L	99
3) Chloromethane	1.243	50	225544	45.73	ug/L	99
5) Vinyl chloride	1.314	62	238379	47.31	ug/L	98
6) Bromomethane	1.526	94	156877	49.39	ug/L	99
8) Chloroethane	1.587	64	142281	48.88	ug/L	100
9) Trichlorofluoromethane	1.754	101	436783	50.72	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	211073	50.99	ug/L	98
12) 1,1-Dichloroethene	2.121	96	195335	50.76	ug/L	95
13) Acetone	2.182	43	193271	88.98	ug/L	99
14) Carbon disulfide	2.297	76	603639	47.44	ug/L	100
15) Methyl Acetate	2.436	43	222885	49.15	ug/L	97
16) Methylene chloride	2.510	84	232109	49.46	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	226976	51.43	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	713983	52.18	ug/L	99
19) 1,1-Dichloroethane	3.195	63	414199	50.52	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	241420	51.13	ug/L	96
22) 2-Butanone	3.976	43	314896	99.05	ug/L	97
23) Bromochloromethane	4.252	128	132158	52.00	ug/L	95
25) Chloroform	4.378	83	459272	52.67	ug/L	95
27) 1,2-Dichloroethane	5.137	62	372896	53.53	ug/L	100

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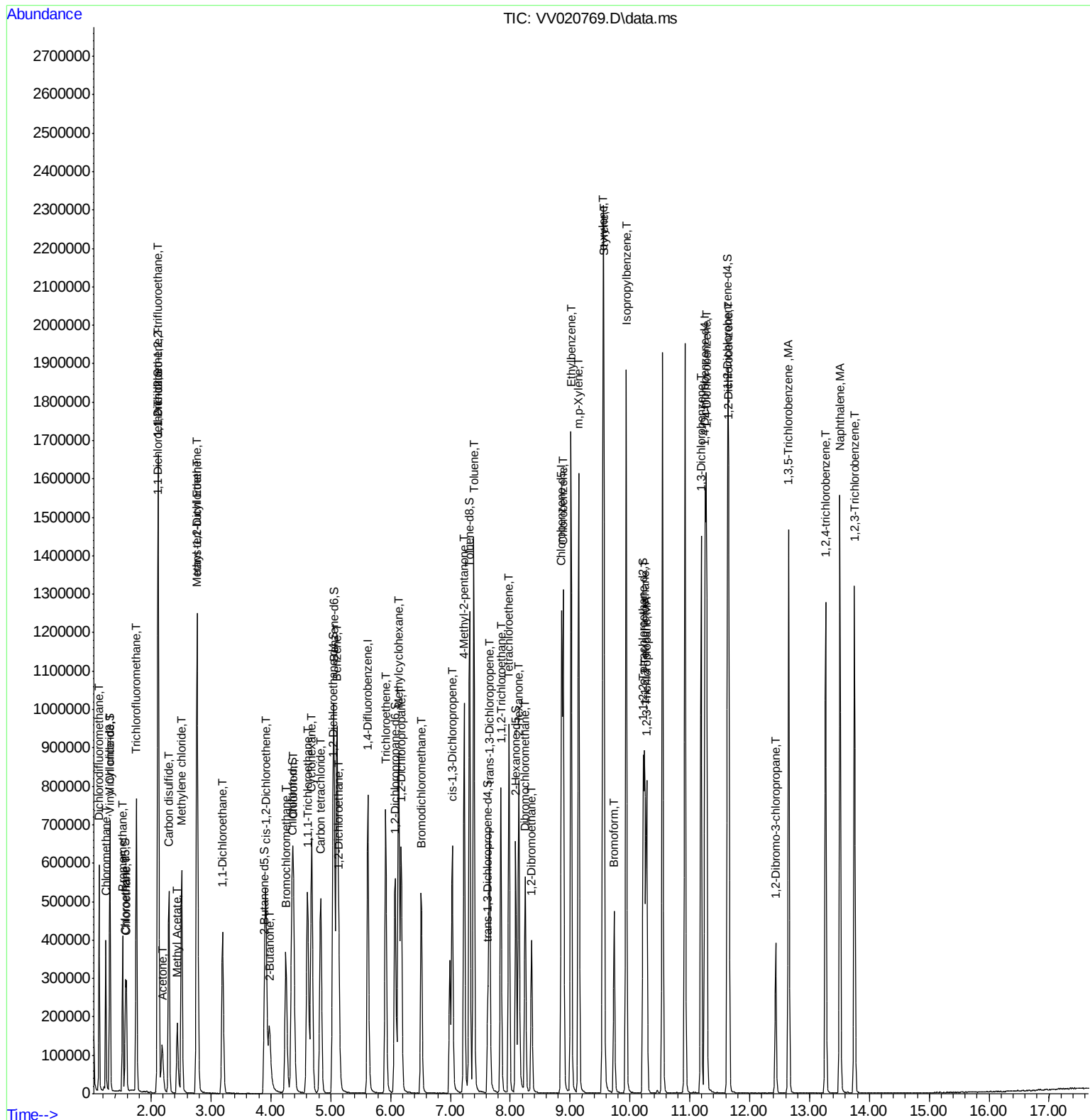
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.683	56	357136	48.61	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	429297	53.44	ug/L	99
31) Carbon tetrachloride	4.831	117	379473	52.89	ug/L	100
33) Benzene	5.104	78	925935	51.68	ug/L	100
34) Trichloroethene	5.918	95	253736	51.67	ug/L	97
35) Methylcyclohexane	6.137	83	374358	49.68	ug/L	98
37) 1,2-Dichloropropane	6.178	63	236183	50.27	ug/L	99
38) Bromodichloromethane	6.513	83	340536	51.61	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	382530	52.74	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	636168	100.97	ug/L	99
42) Toluene	7.391	91	1020942	52.43	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	384559	52.65	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	238924	51.69	ug/L	99
46) Tetrachloroethene	7.979	164	213346	52.04	ug/L	98
48) 2-Hexanone	8.143	43	504840	104.96	ug/L	99
49) Dibromochloromethane	8.249	129	285314	53.00	ug/L	100
50) 1,2-Dibromoethane	8.355	107	259703	52.47	ug/L	98
51) Chlorobenzene	8.886	112	670112	51.26	ug/L	99
52) Ethylbenzene	9.017	91	1167141	52.52	ug/L	99
53) m,p-Xylene	9.143	106	442450	53.53	ug/L	99
54) o-xylene	9.548	106	426060	53.48	ug/L	94
55) Styrene	9.564	104	764995	54.65	ug/L	100
56) Isopropylbenzene	9.937	105	1169420	53.30	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	385438	51.12	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	318600	51.93	ug/L	98
61) Bromoform	9.738	173	214201	51.25	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	573484	51.05	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	589787	50.48	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	574604	51.90	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	93649	50.03	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	443777	50.96	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	389498	52.76	ug/L	100
69) Naphthalene	13.509	128	1172496	55.48	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	395857	53.54	ug/L	100

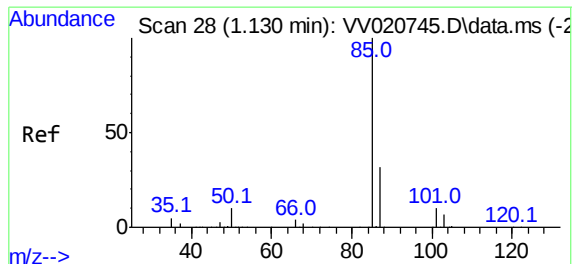
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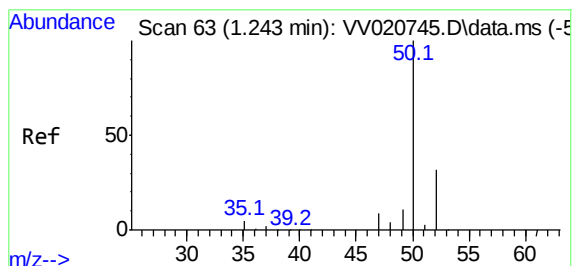
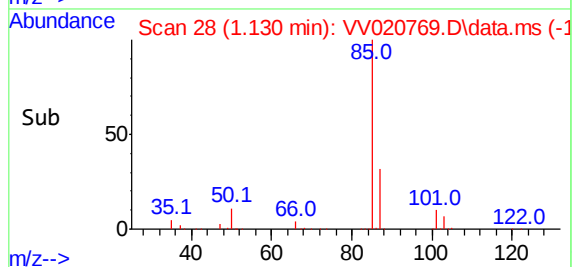
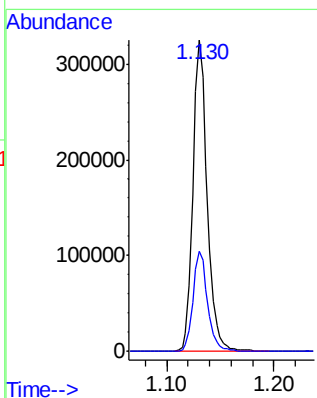
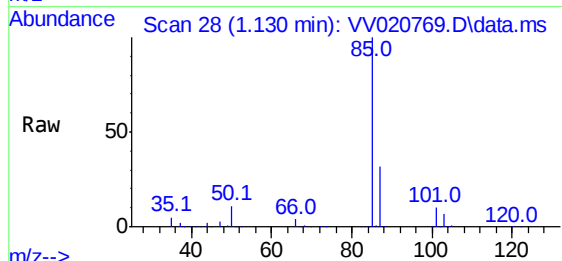




#2
Dichlorodifluoromethane
Concen: 48.38 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

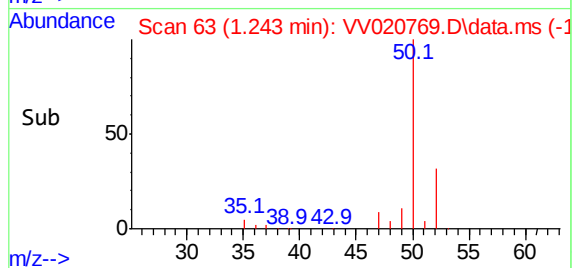
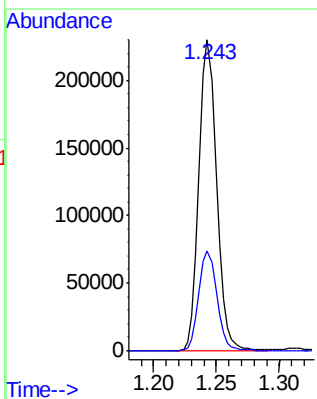
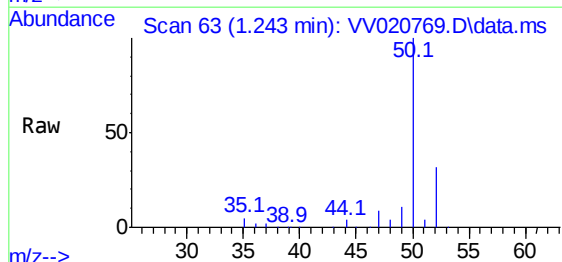
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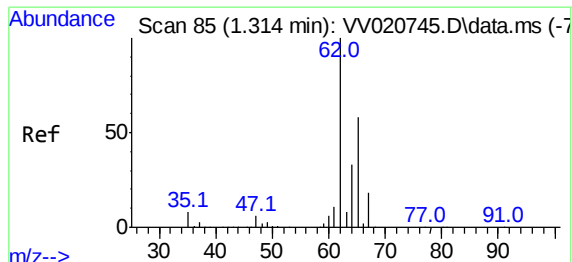
Tgt Ion: 85 Resp: 298895
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5



#3
Chloromethane
Concen: 45.73 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 50 Resp: 225544
Ion Ratio Lower Upper
50 100
52 32.1 22.7 42.1

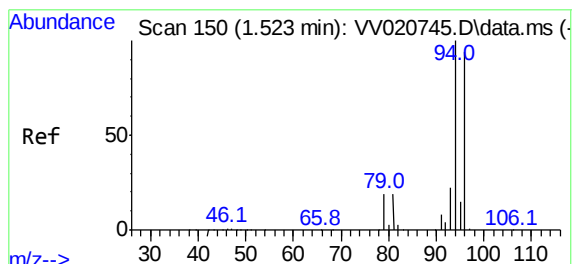
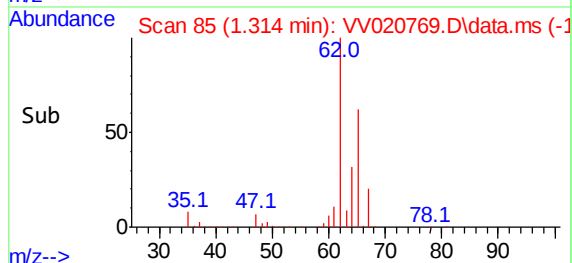
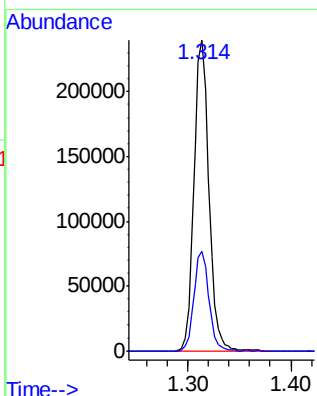
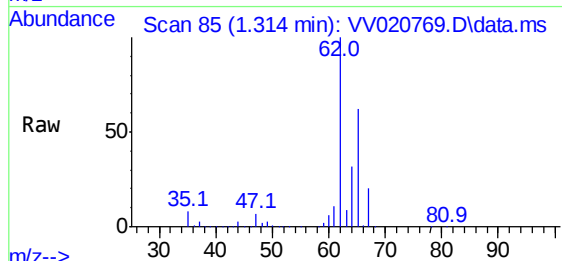




#5
 Vinyl chloride
 Concen: 47.31 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020769.D
 Acq: 26 Mar 2021 20:05

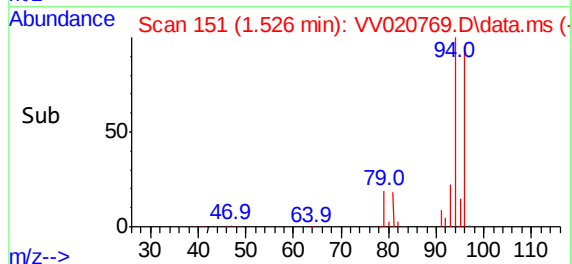
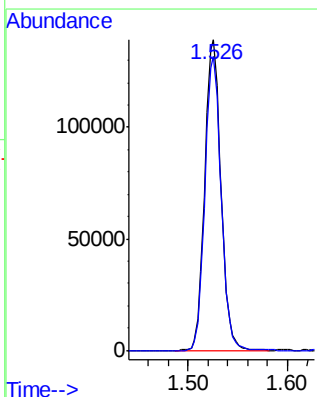
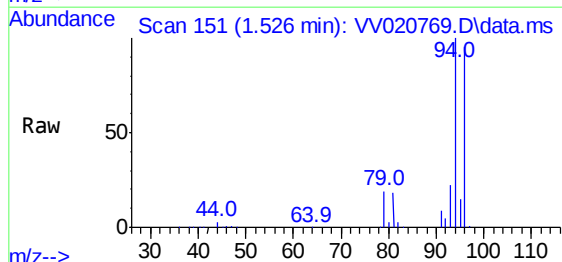
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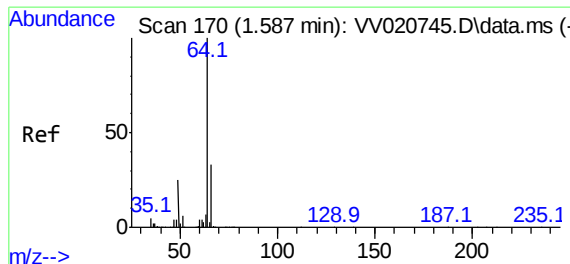
Tgt Ion: 62 Resp: 238379
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.3 43.3



#6
 Bromomethane
 Concen: 49.39 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020769.D
 Acq: 26 Mar 2021 20:05

Tgt Ion: 94 Resp: 156877
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.6 121.8

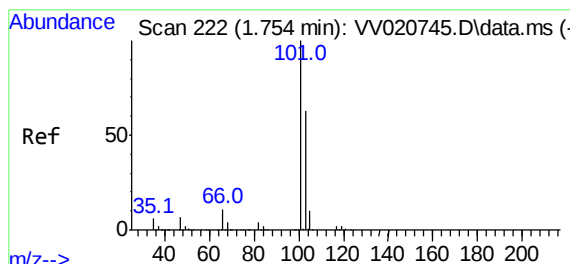
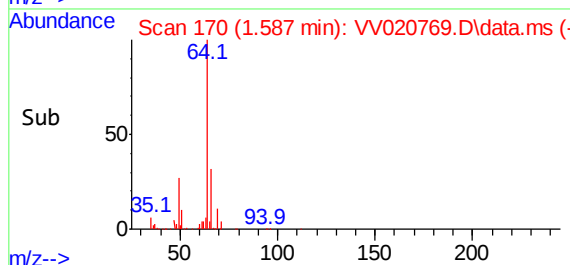
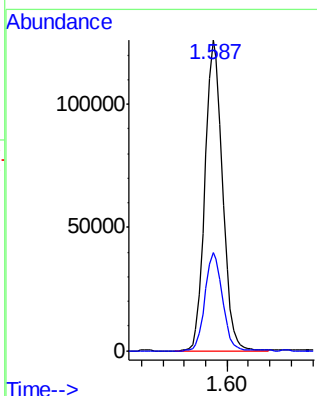
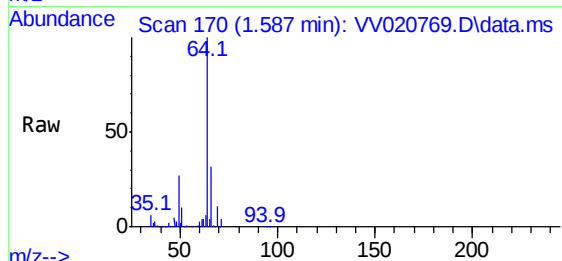




#8
Chloroethane
Concen: 48.88 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

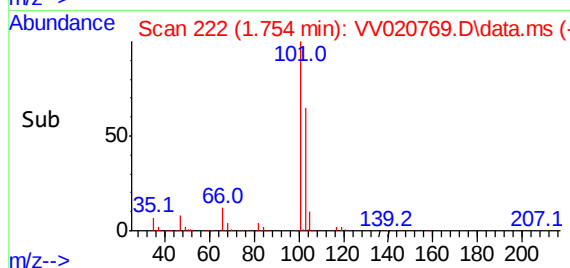
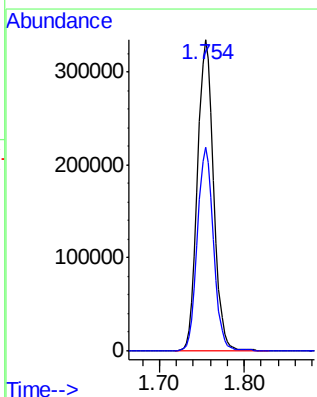
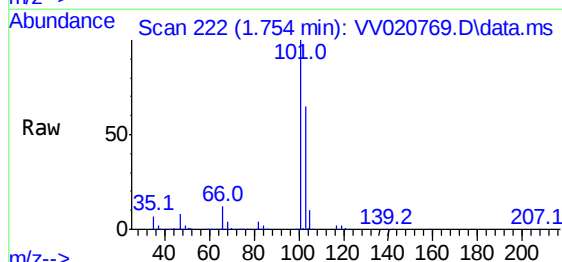
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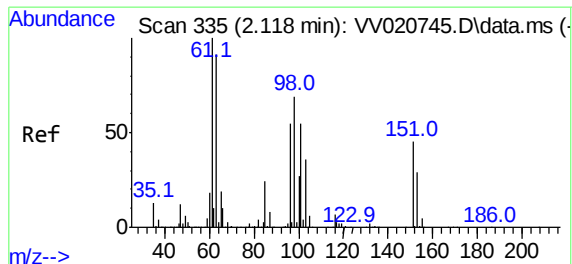
Tgt Ion: 64 Resp: 142281
Ion Ratio Lower Upper
64 100
66 31.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.72 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion:101 Resp: 436783
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

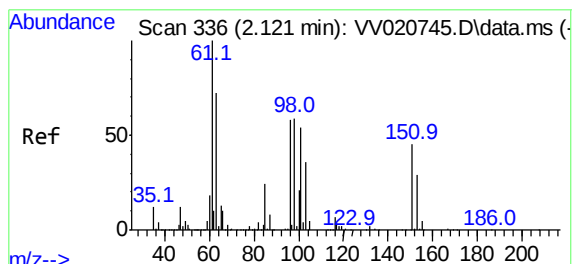
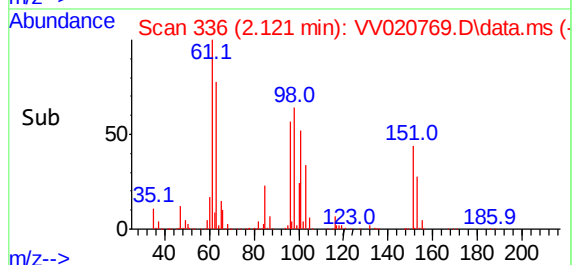
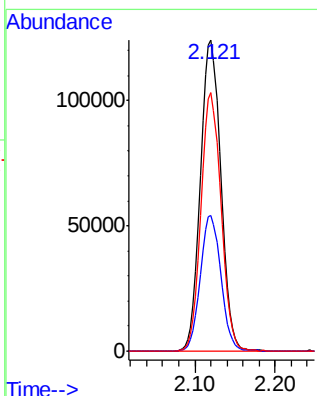
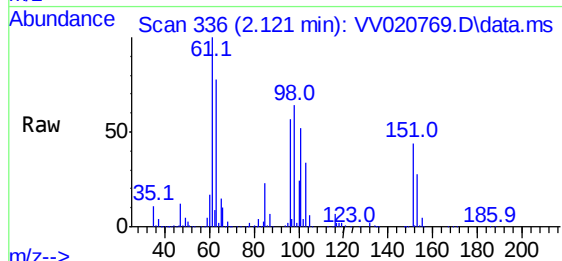




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.99 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

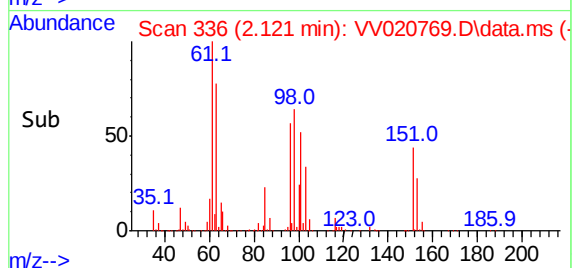
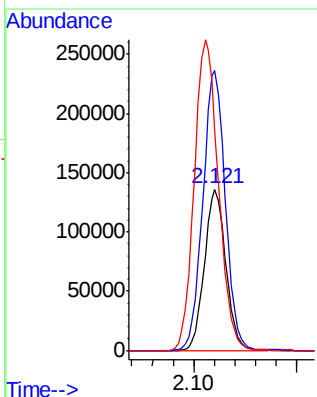
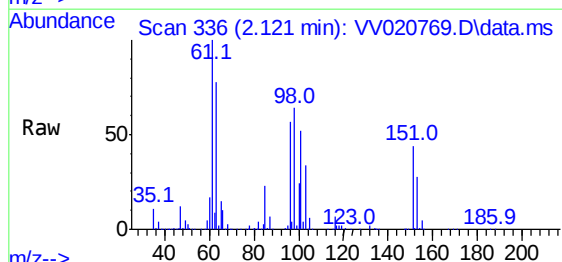
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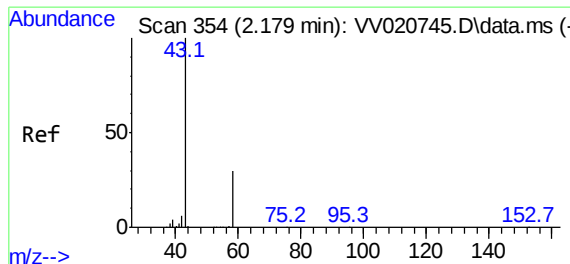
Tgt Ion:101 Resp: 211073
Ion Ratio Lower Upper
101 100
85 43.7 35.4 53.0
151 81.7 63.5 95.3



#12
1,1-Dichloroethene
Concen: 50.76 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 96 Resp: 195335
Ion Ratio Lower Upper
96 100
61 174.3 126.3 234.6
63 136.8 100.2 186.2

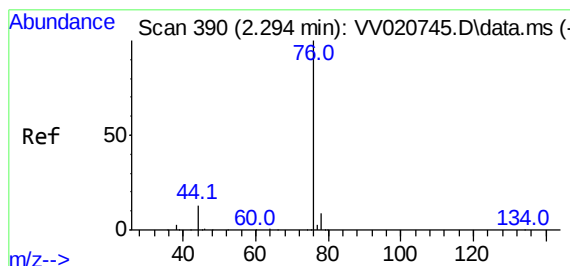
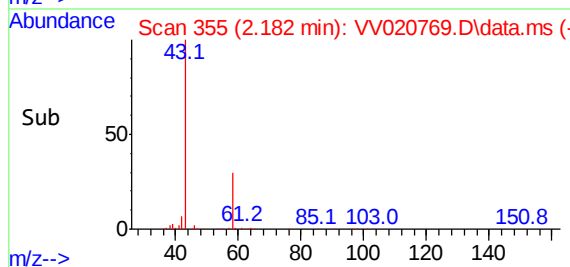
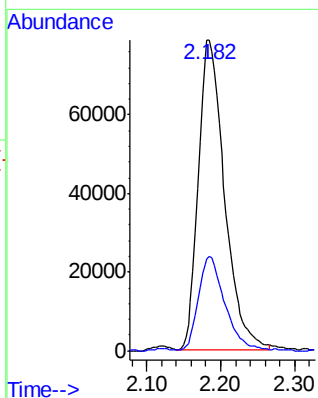
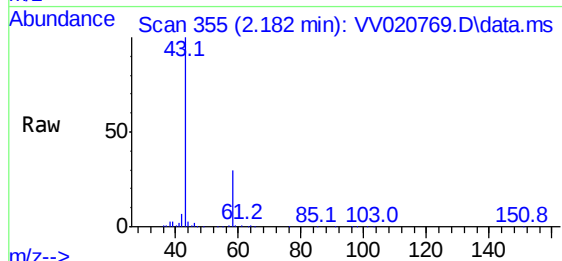




#13
Acetone
Concen: 88.98 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

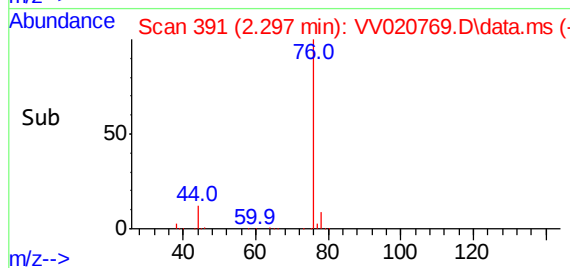
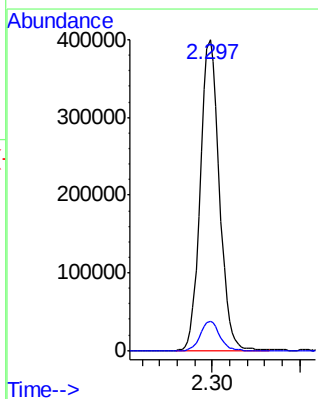
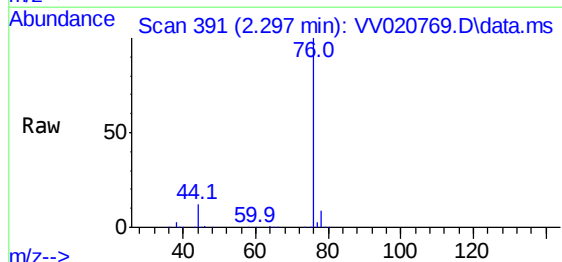
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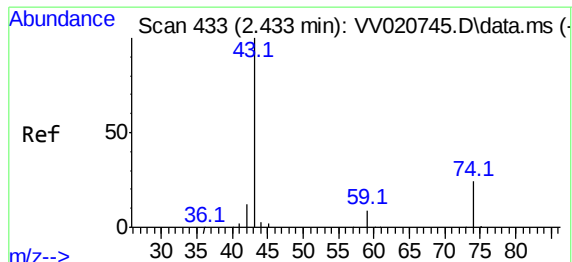
Tgt Ion: 43 Resp: 193271
Ion Ratio Lower Upper
43 100
58 30.9 0.0 60.8



#14
Carbon disulfide
Concen: 47.44 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020769.D
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Tgt Ion: 76 Resp: 603639
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

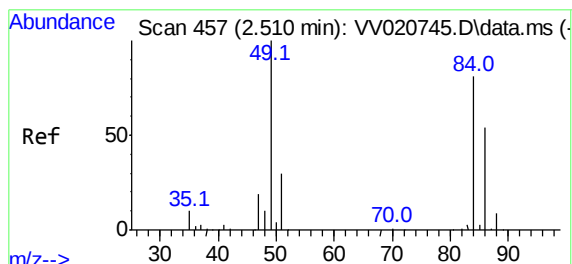
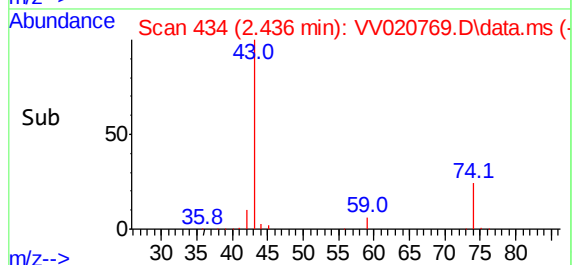
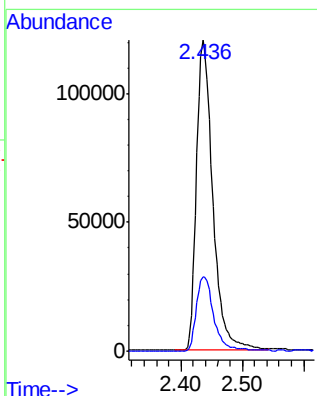
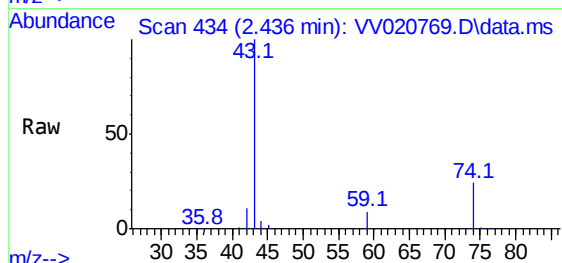




#15
Methyl Acetate
Concen: 49.15 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

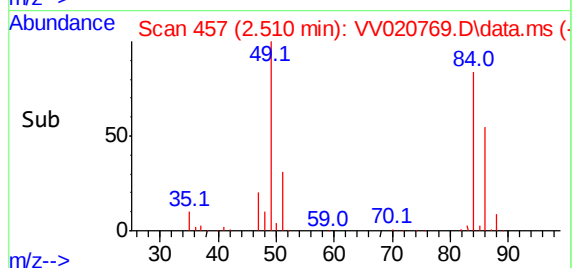
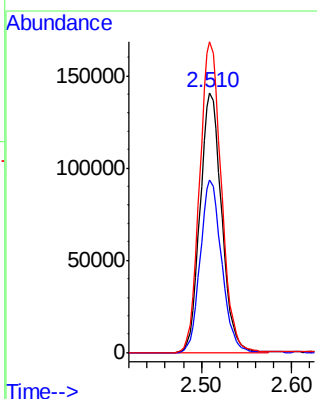
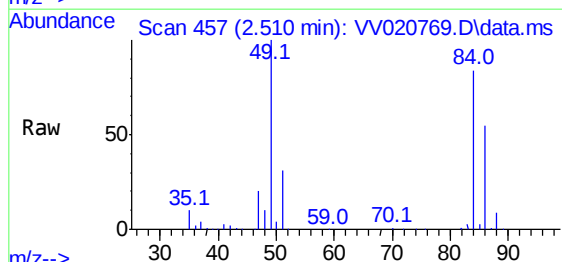
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

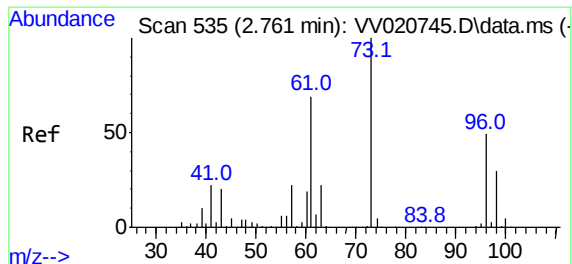
Tgt Ion: 43 Resp: 222885
Ion Ratio Lower Upper
43 100
74 24.6 18.4 27.6



#16
Methylene chloride
Concen: 49.46 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 84 Resp: 232109
Ion Ratio Lower Upper
84 100
86 66.4 43.9 81.5
49 119.7 86.3 160.3

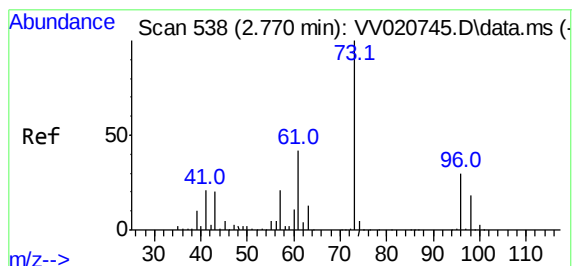
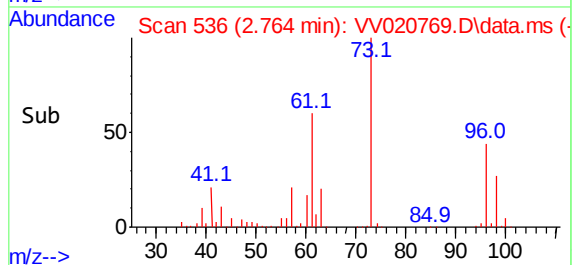
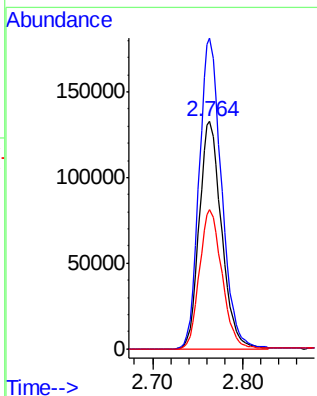
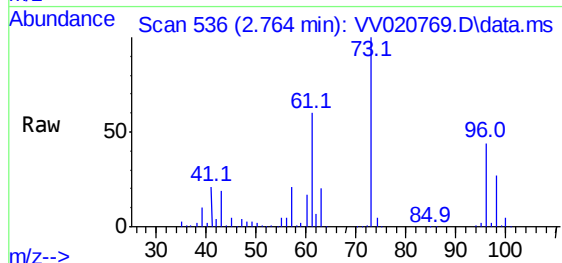




#17
trans-1,2-Dichloroethene
Concen: 51.43 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

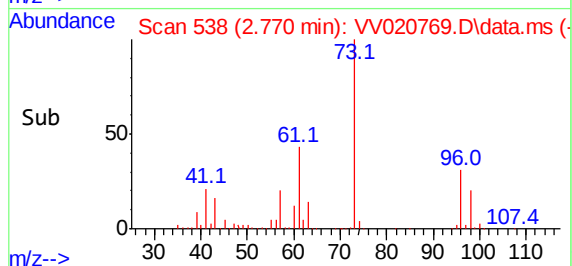
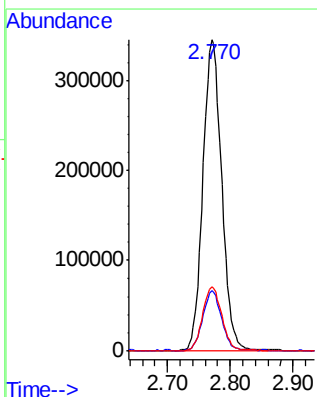
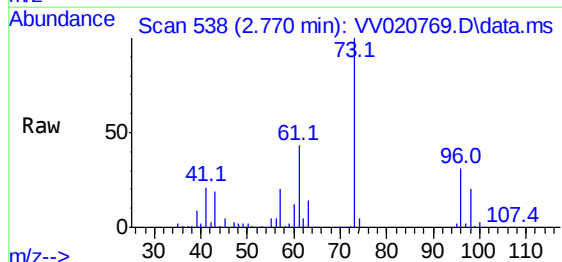
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

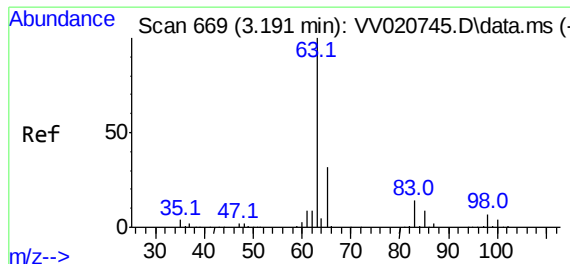
Tgt Ion: 96 Resp: 226976
Ion Ratio Lower Upper
96 100
61 136.6 97.9 181.9
98 61.2 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 52.18 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 73 Resp: 713983
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.0
57 20.8 17.0 25.6

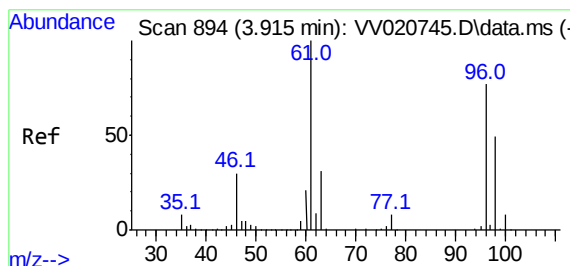
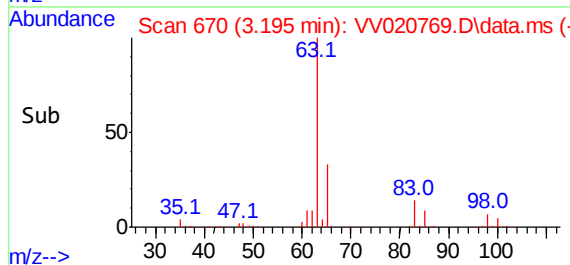
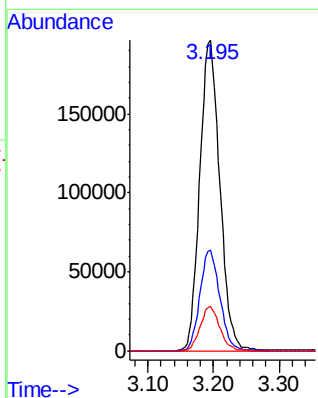
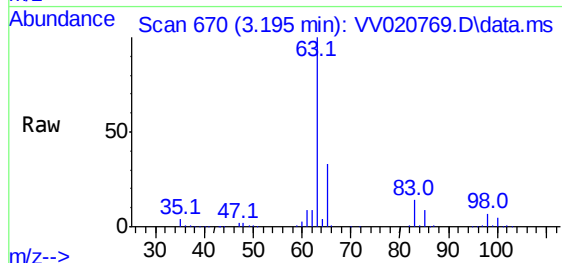




#19
1,1-Dichloroethane
Concen: 50.52 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

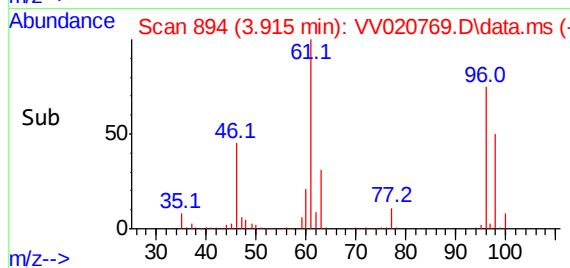
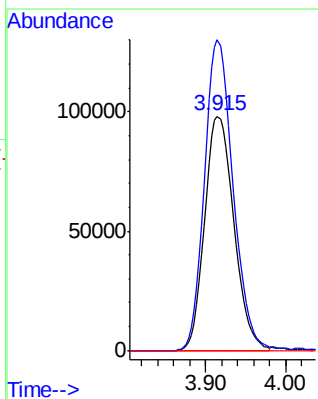
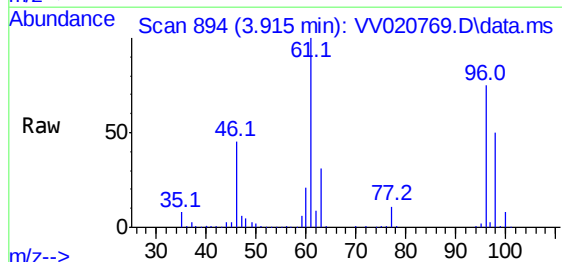
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

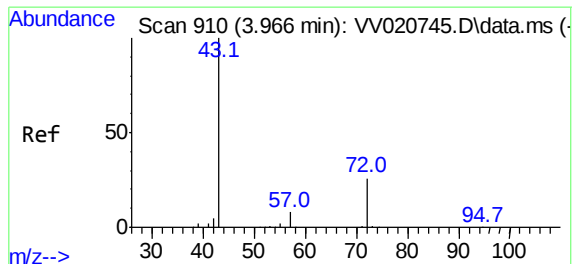
Tgt Ion: 63 Resp: 414199
Ion Ratio Lower Upper
63 100
65 32.6 22.5 41.9
83 14.1 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 51.13 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 96 Resp: 241420
Ion Ratio Lower Upper
96 100
61 132.6 89.9 167.0
68 0.0 0.0 0.0

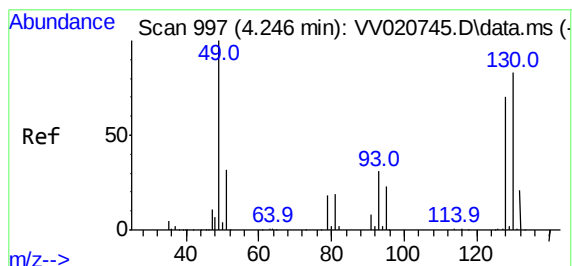
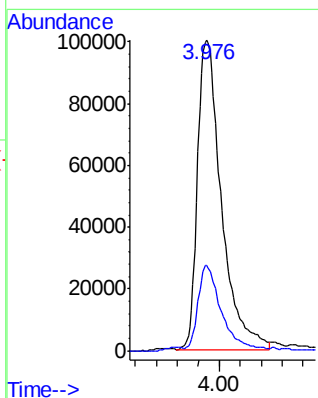
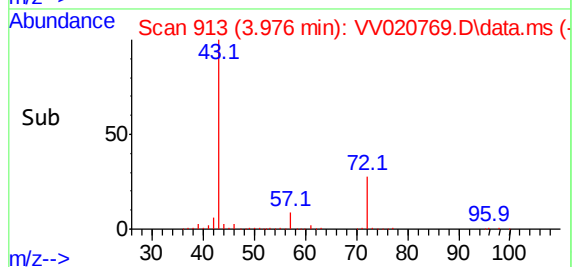
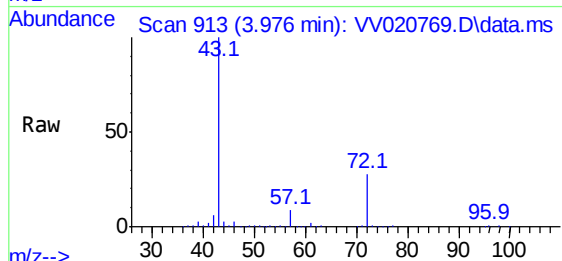




#22
2-Butanone
Concen: 99.05 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.010 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

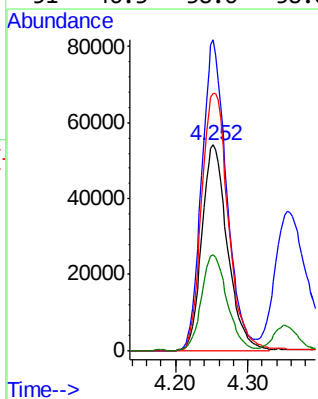
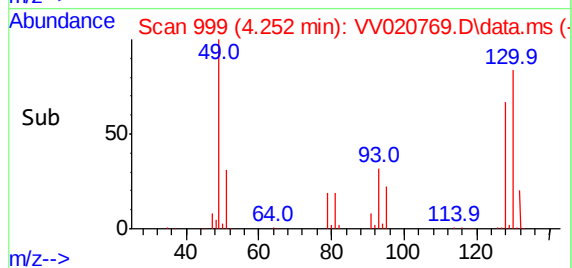
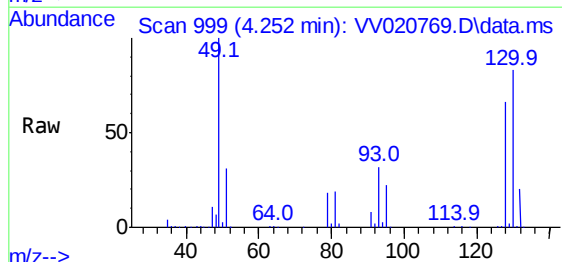
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

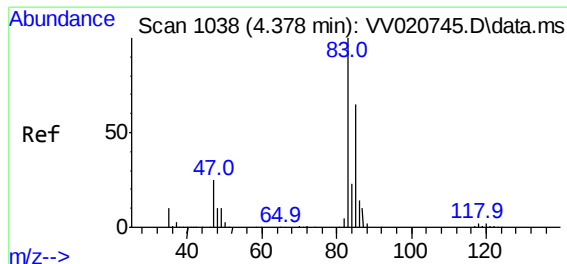
Tgt Ion: 43 Resp: 314896
Ion Ratio Lower Upper
43 100
72 25.4 11.9 35.9



#23
Bromochloromethane
Concen: 52.00 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion:128 Resp: 132158
Ion Ratio Lower Upper
128 100
49 151.0 113.3 210.3
130 125.0 88.7 164.7
51 46.3 38.6 58.0

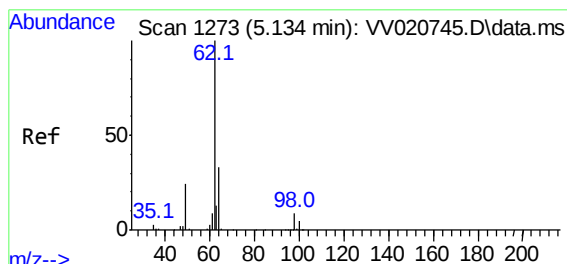
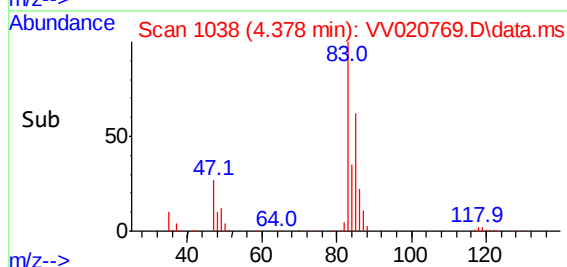
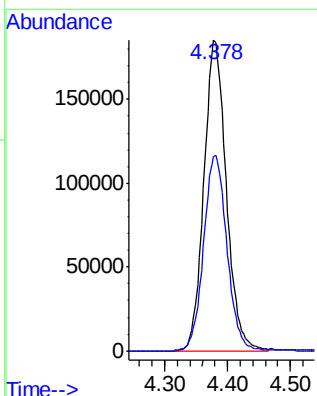
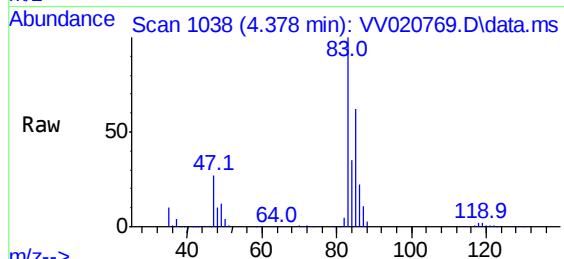




#25
Chloroform
Concen: 52.67 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

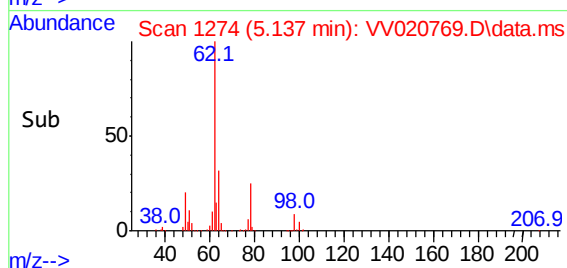
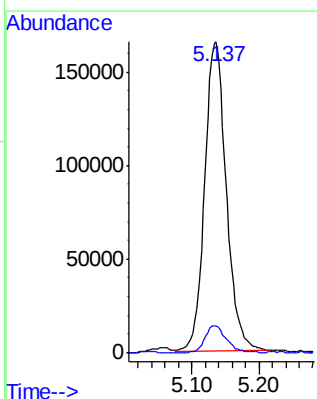
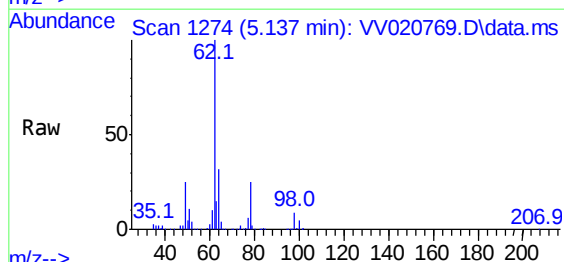
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

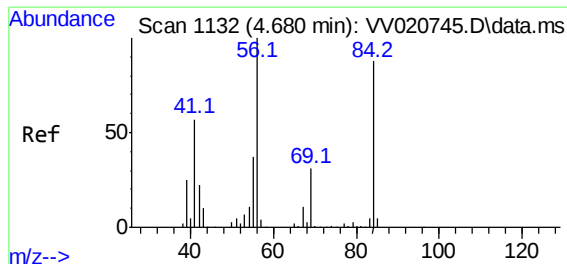
Tgt Ion: 83 Resp: 459272
Ion Ratio Lower Upper
83 100
85 62.4 46.7 86.7



#27
1,2-Dichloroethane
Concen: 53.53 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 62 Resp: 372896
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2

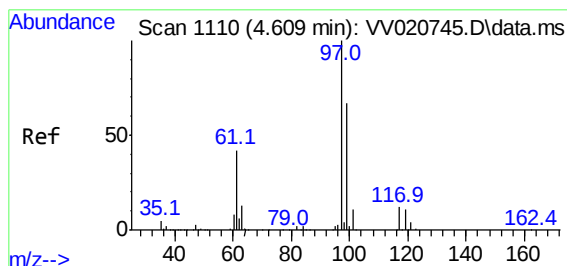
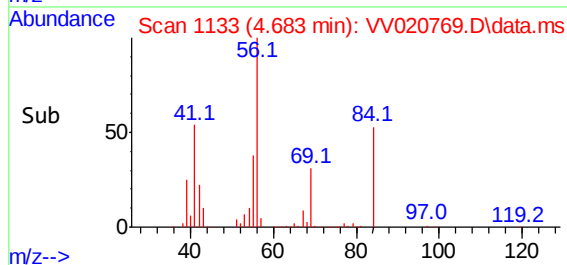
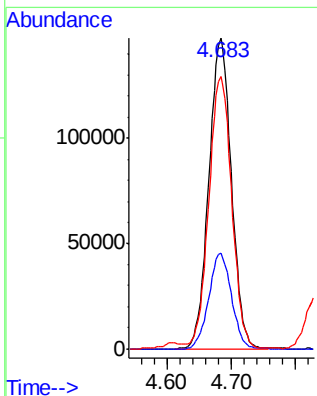
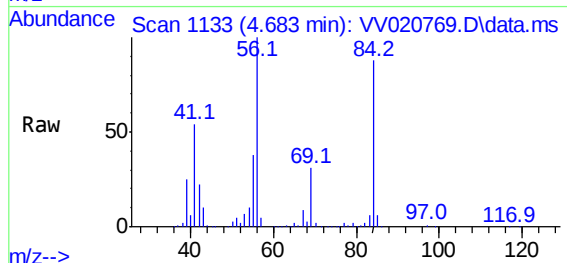




#29
Cyclohexane
Concen: 48.61 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

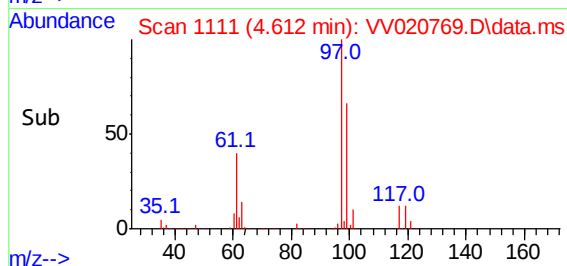
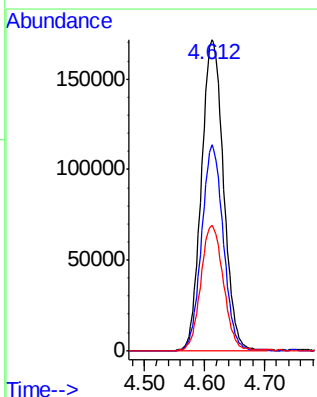
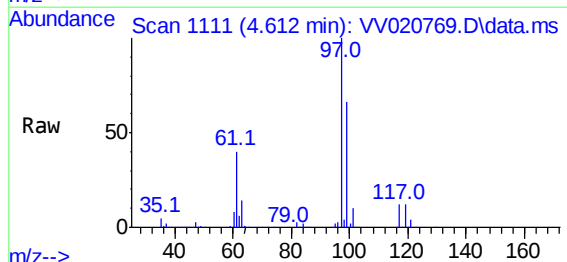
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

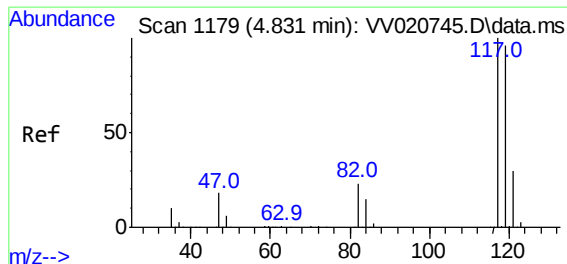
Tgt Ion: 56 Resp: 357136
Ion Ratio Lower Upper
56 100
69 31.0 24.4 36.6
84 89.4 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 53.44 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 97 Resp: 429297
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 41.0 33.9 50.9

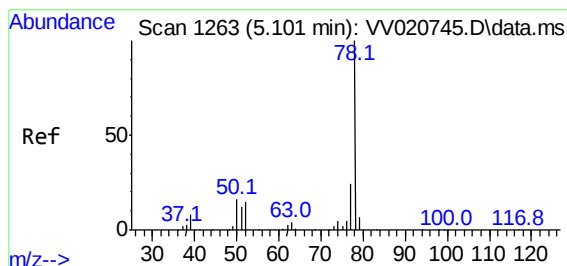
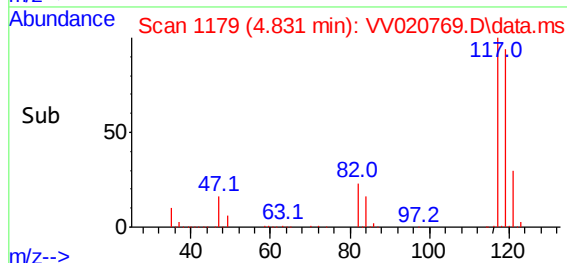
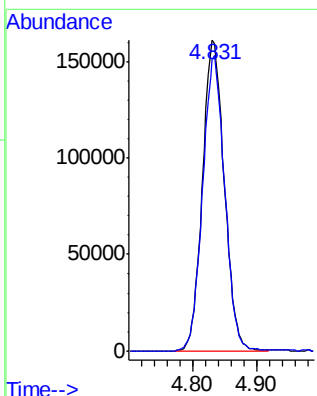
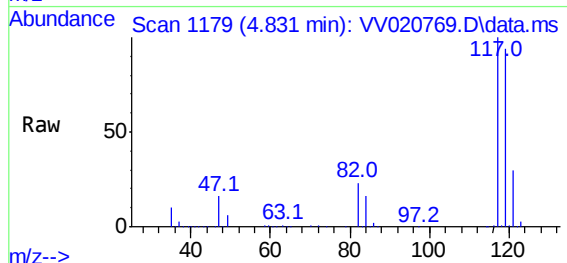




#31
Carbon tetrachloride
Concen: 52.89 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

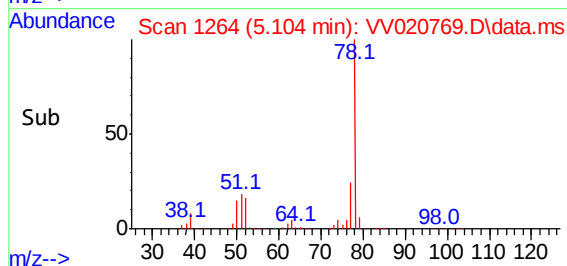
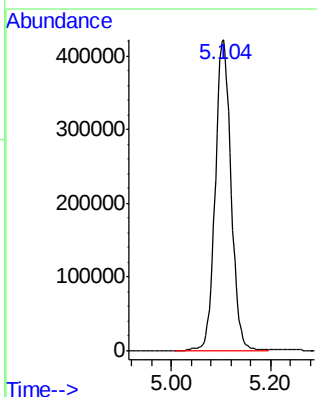
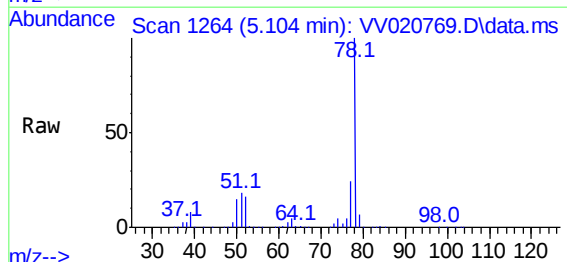
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

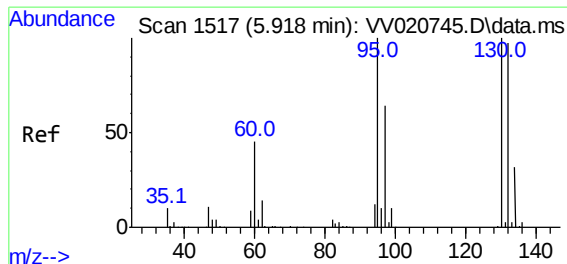
Tgt Ion:117 Resp: 379473
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3



#33
Benzene
Concen: 51.68 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 78 Resp: 925935



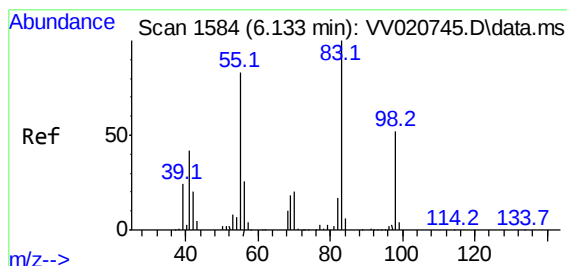
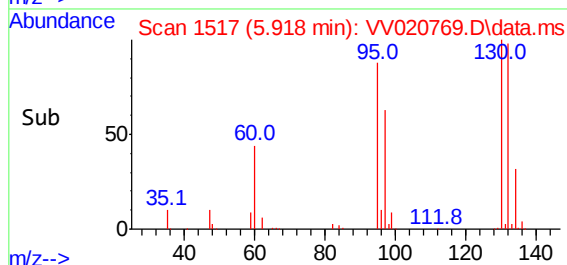
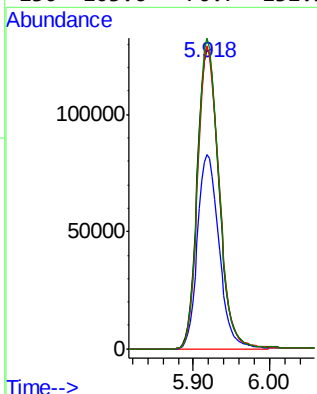
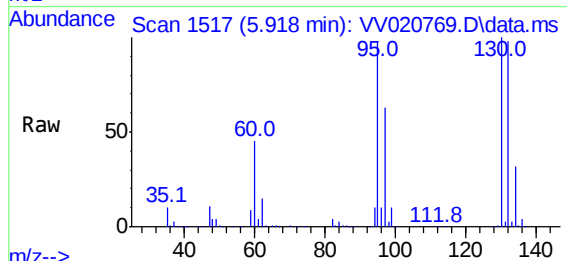


#34
Trichloroethene
Concen: 51.67 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 95 Resp: 253736

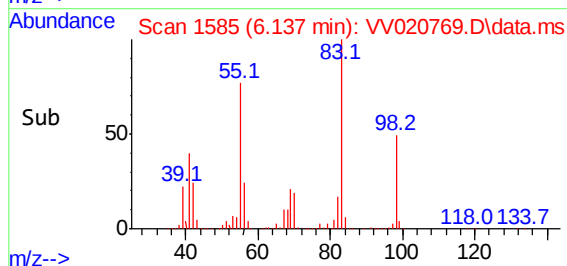
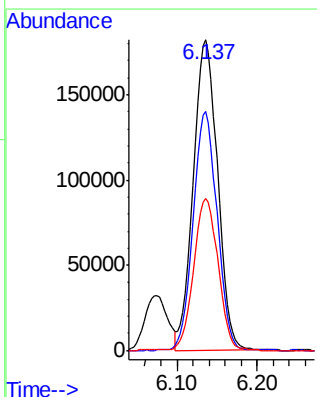
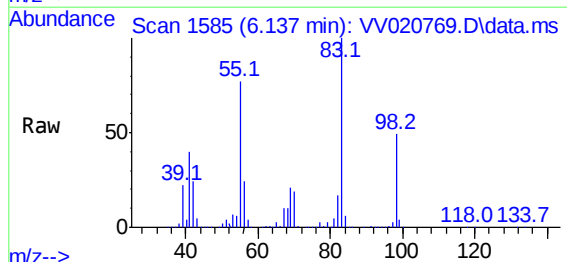
Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.5	80.9
132	101.1	69.5	129.1
130	103.6	70.7	131.3

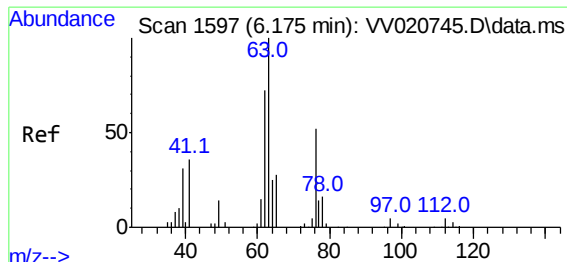


#35
Methylcyclohexane
Concen: 49.68 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 83 Resp: 374358

Ion	Ratio	Lower	Upper
83	100		
55	76.1	62.7	94.1
98	49.1	38.9	58.3

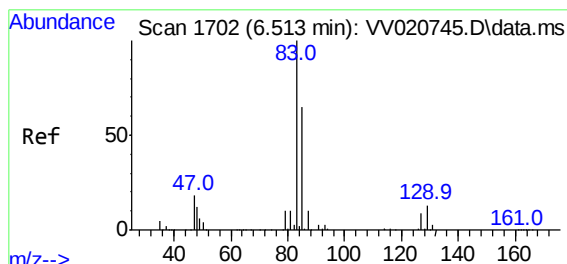
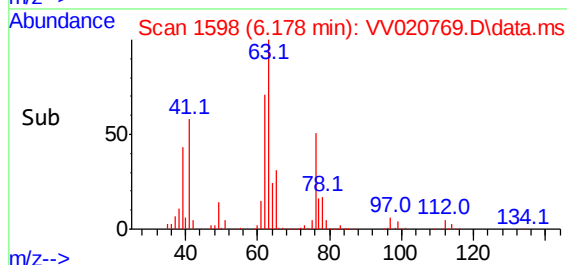
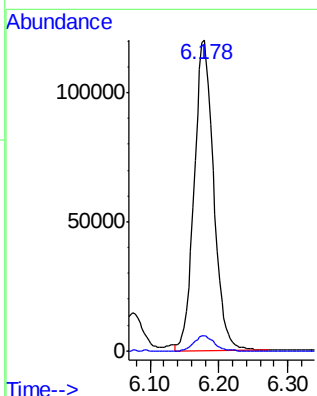
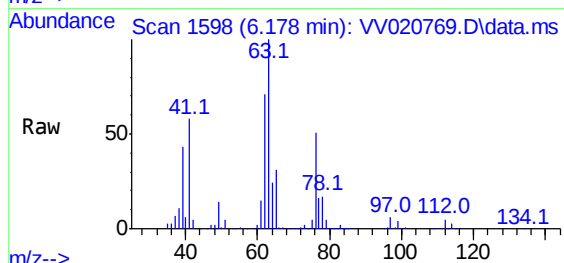




#37
1,2-Dichloropropane
Concen: 50.27 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

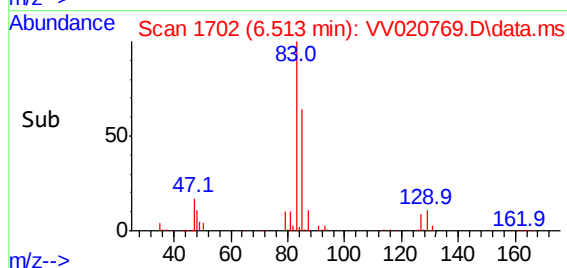
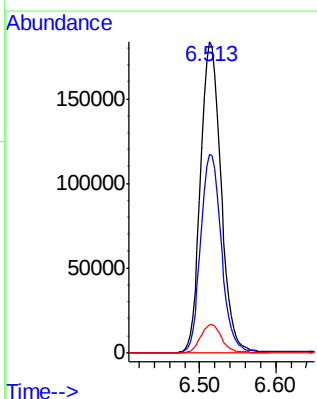
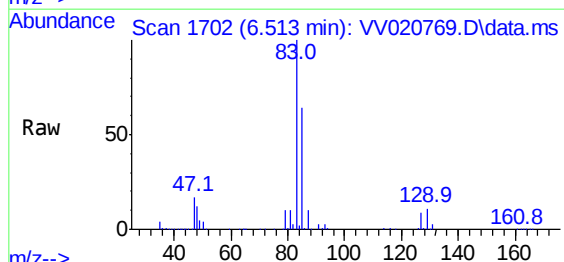
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

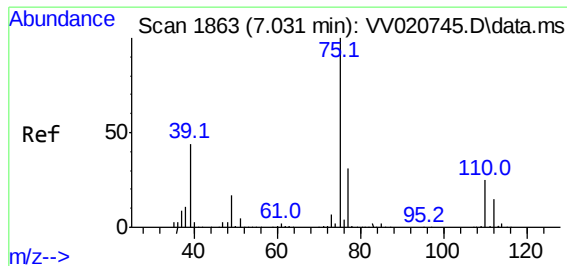
Tgt Ion: 63 Resp: 236183
Ion Ratio Lower Upper
63 100
112 5.0 3.7 5.5



#38
Bromodichloromethane
Concen: 51.61 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 83 Resp: 340536
Ion Ratio Lower Upper
83 100
85 63.6 44.5 82.7
127 8.8 6.8 10.2

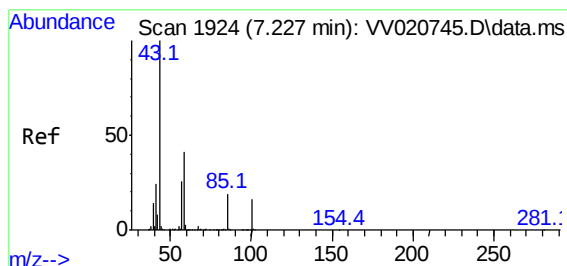
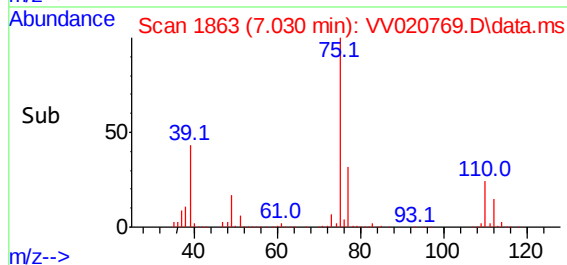
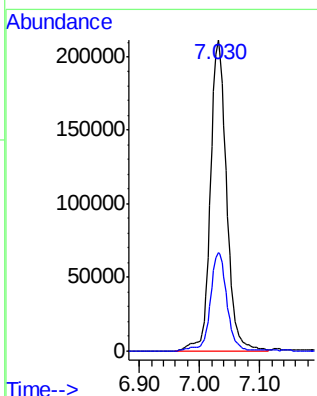
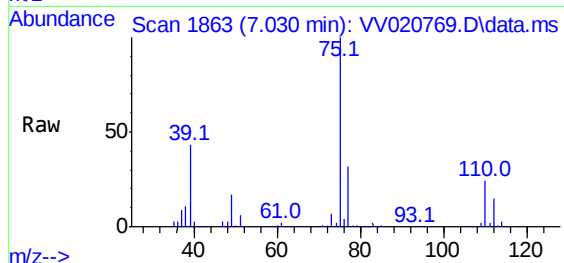




#39
cis-1,3-Dichloropropene
Concen: 52.74 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

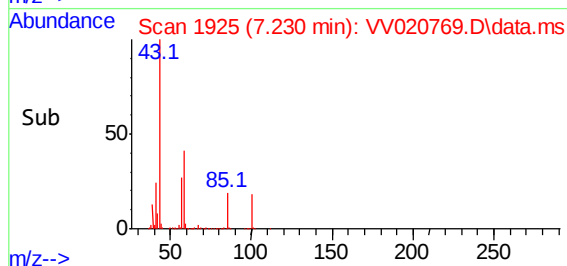
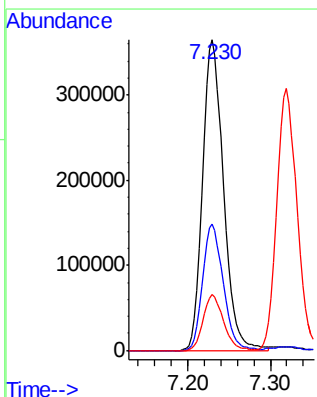
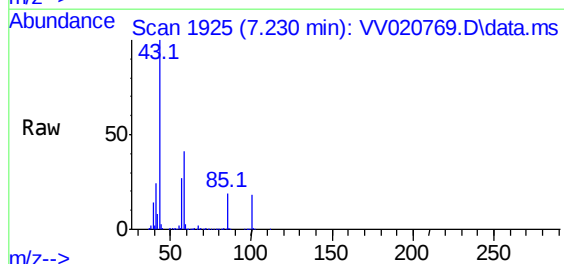
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

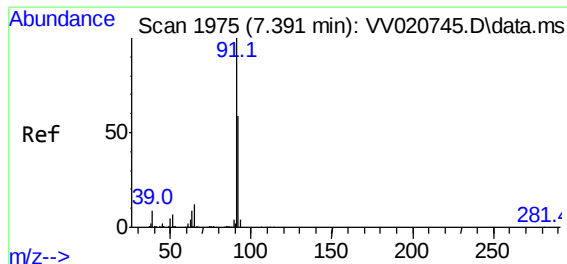
Tgt Ion: 75 Resp: 382530
Ion Ratio Lower Upper
75 100
77 31.7 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 100.97 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 43 Resp: 636168
Ion Ratio Lower Upper
43 100
58 40.2 32.3 48.5
100 17.4 13.0 19.4

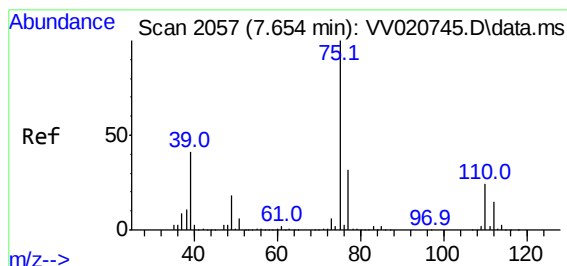
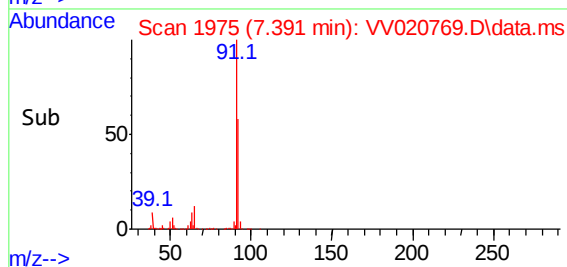
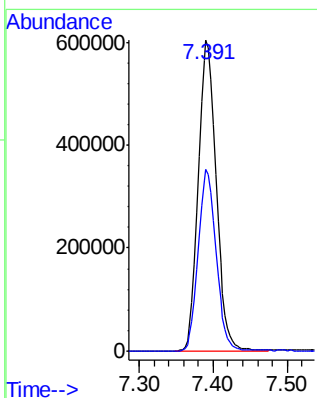
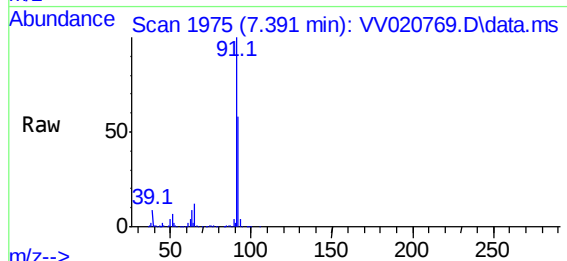




#42
Toluene
Concen: 52.43 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

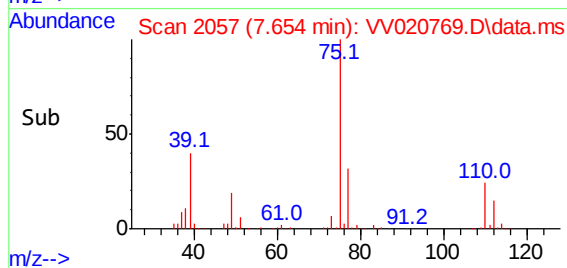
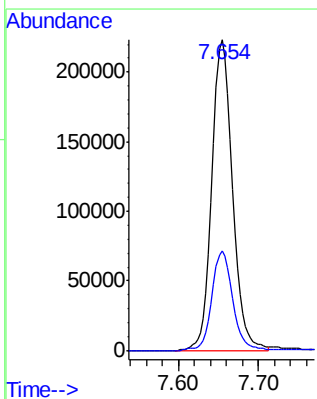
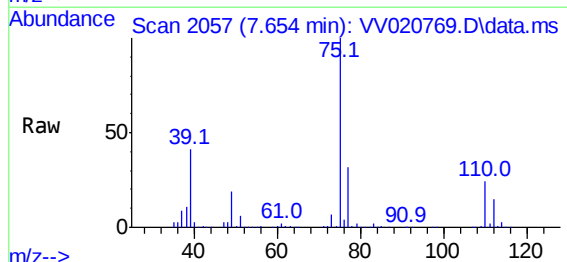
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

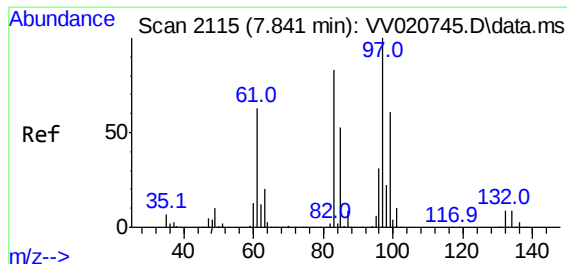
Tgt Ion: 91 Resp: 1020942
Ion Ratio Lower Upper
91 100
92 58.3 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 52.65 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 75 Resp: 384559
Ion Ratio Lower Upper
75 100
77 32.0 21.6 40.0



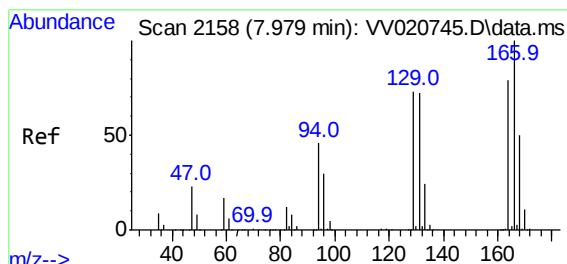
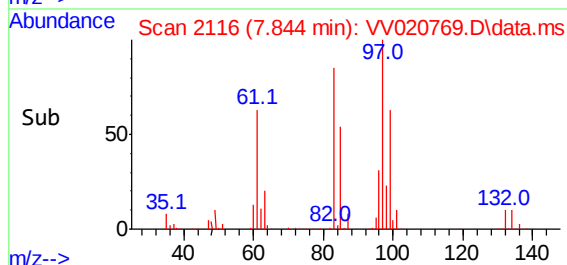
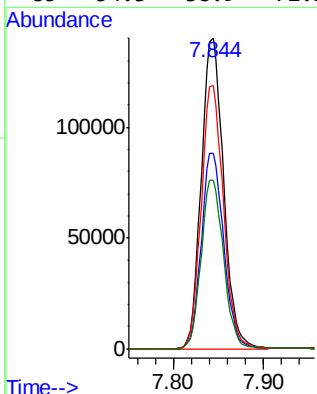
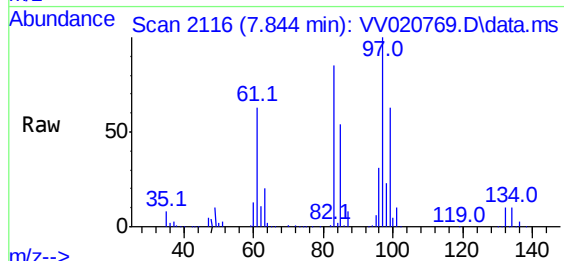


#45
1,1,2-Trichloroethane
Concen: 51.69 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion: 97 Resp: 238924

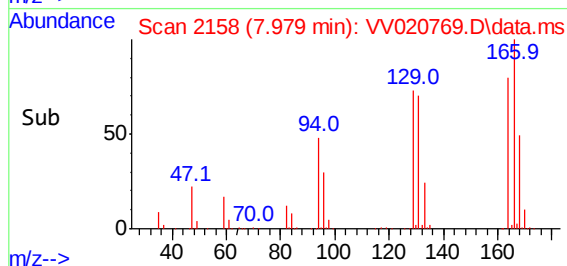
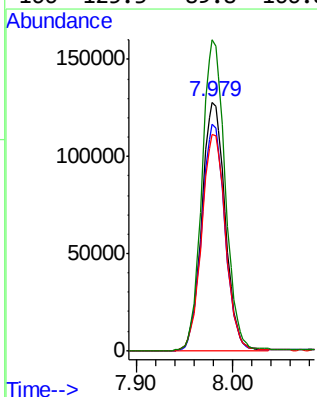
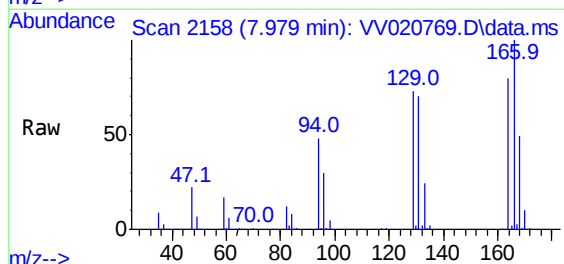
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.1	81.9
83	84.6	60.7	112.7
85	54.3	38.9	72.2

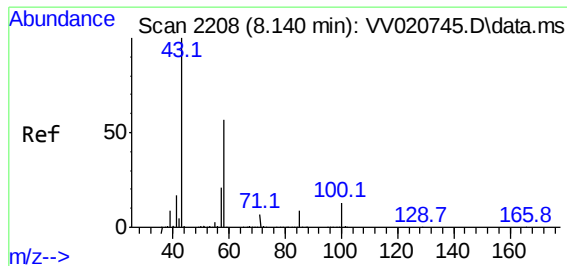


#46
Tetrachloroethene
Concen: 52.04 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 164 Resp: 213346

Ion	Ratio	Lower	Upper
164	100		
129	91.2	64.3	119.5
131	87.2	63.5	117.9
166	125.3	89.8	166.8

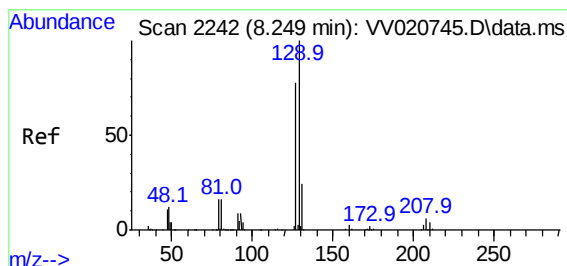
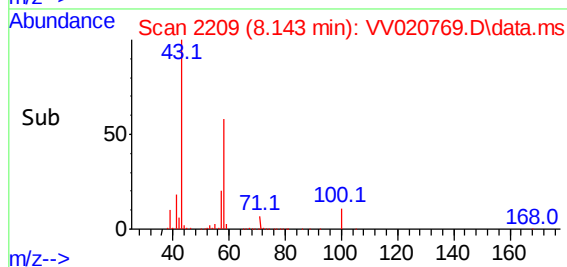
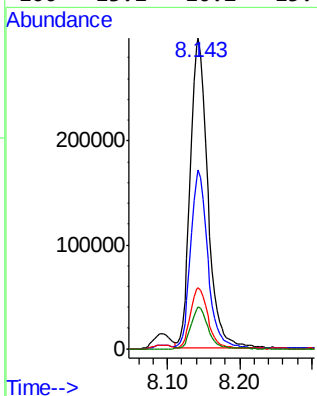
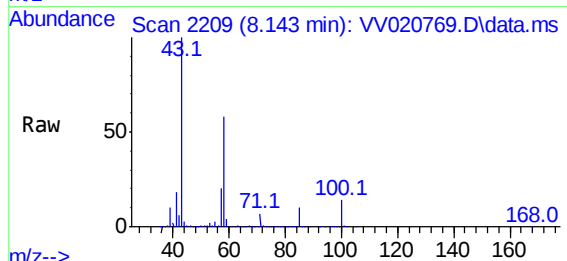




#48
2-Hexanone
Concen: 104.96 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

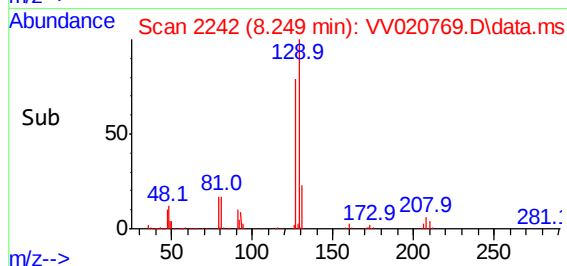
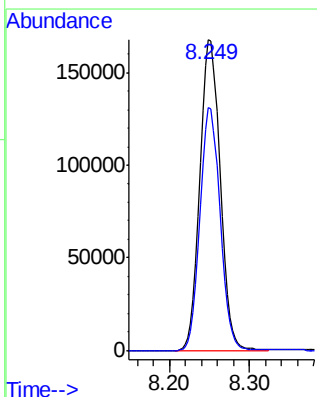
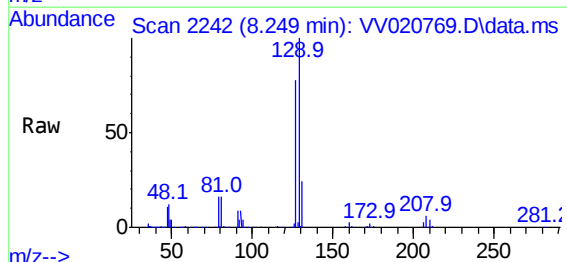
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

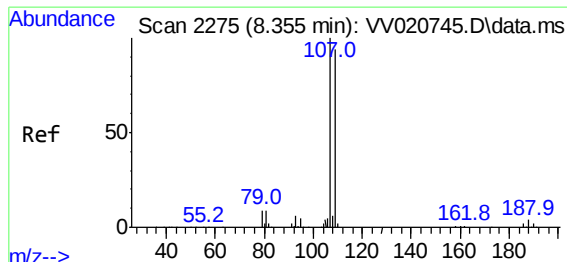
Tgt Ion: 43 Resp: 504840
Ion Ratio Lower Upper
43 100
58 56.4 45.8 68.8
57 19.9 15.4 23.2
100 13.1 10.2 15.4



#49
Dibromochloromethane
Concen: 53.00 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 129 Resp: 285314
Ion Ratio Lower Upper
129 100
127 78.0 54.6 101.4

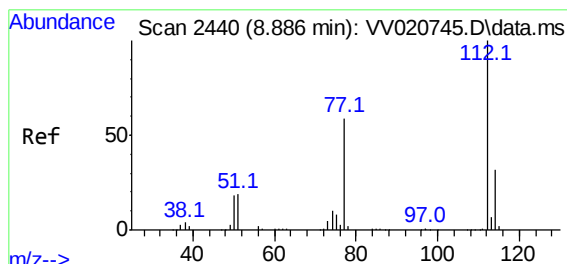
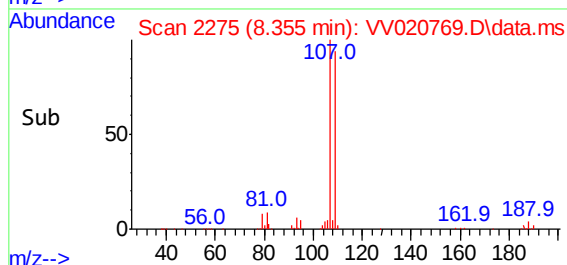
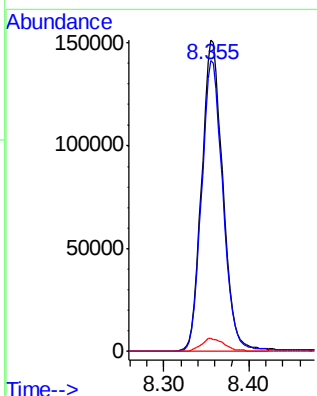
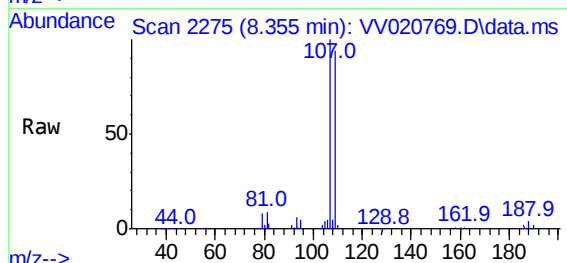




#50
1,2-Dibromoethane
Concen: 52.47 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

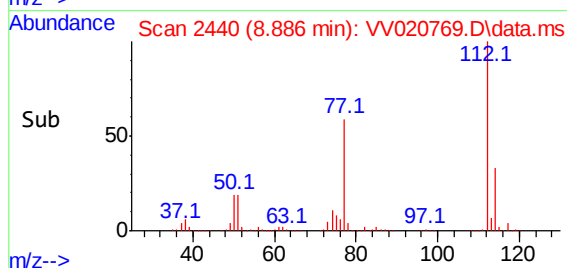
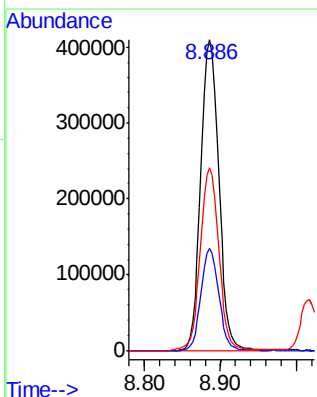
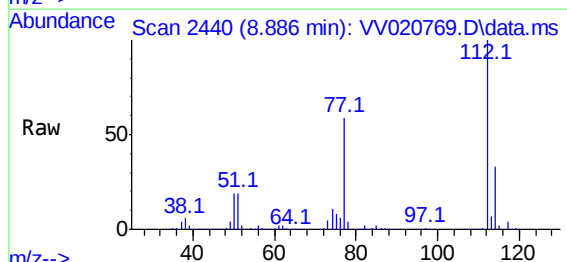
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

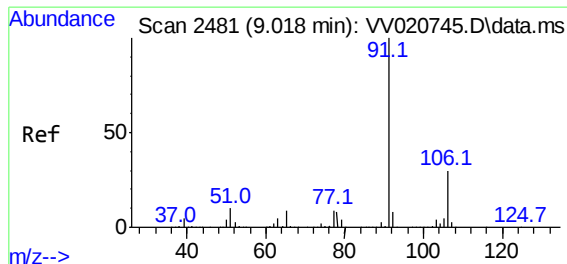
Tgt Ion:107 Resp: 259703
Ion Ratio Lower Upper
107 100
109 93.6 66.7 123.9
188 4.0 3.0 4.4



#51
Chlorobenzene
Concen: 51.26 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion:112 Resp: 670112
Ion Ratio Lower Upper
112 100
114 32.9 22.4 41.6
77 58.9 46.7 70.1

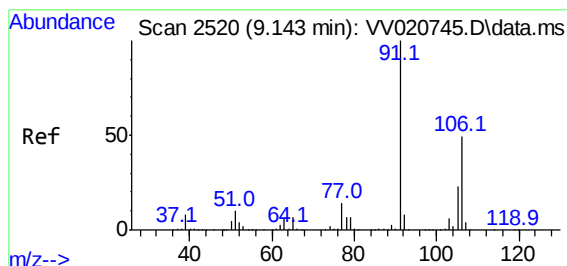
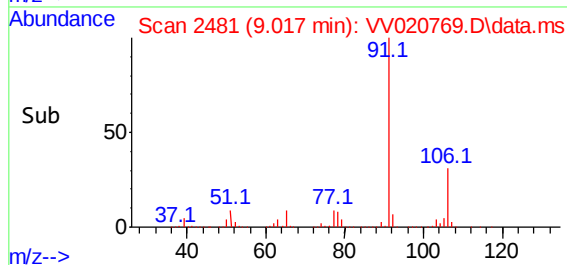
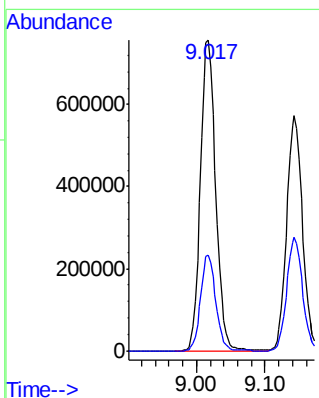
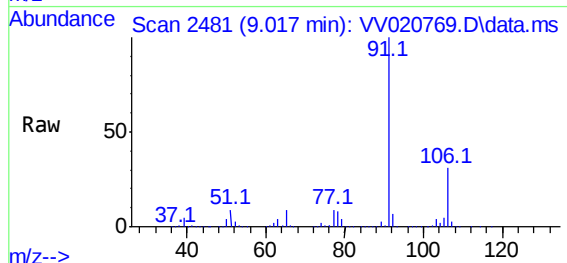




#52
Ethylbenzene
Concen: 52.52 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

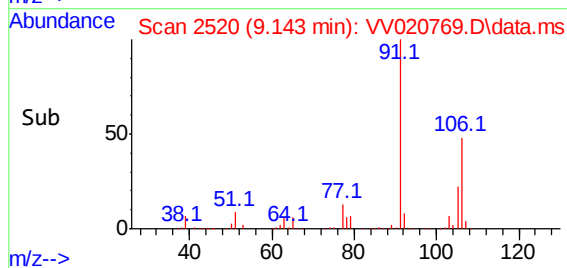
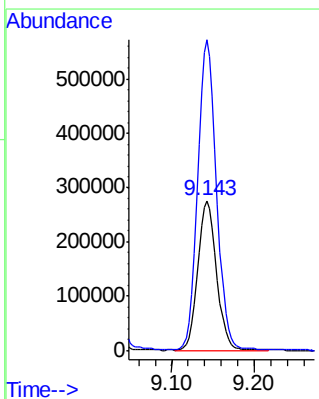
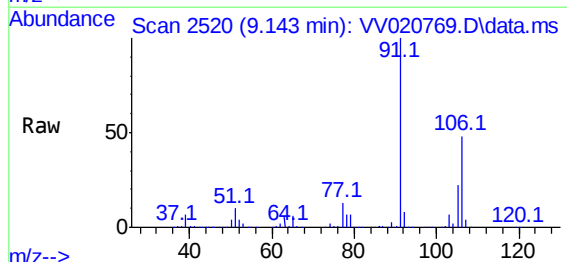
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

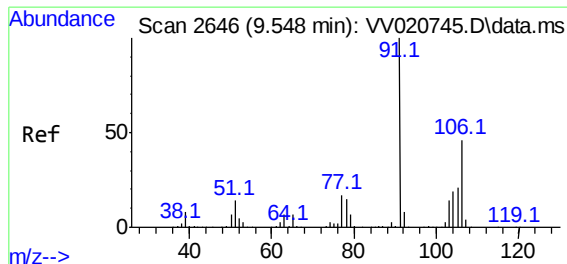
Tgt Ion: 91 Resp: 1167141
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8



#53
m,p-Xylene
Concen: 53.53 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion:106 Resp: 442450
Ion Ratio Lower Upper
106 100
91 207.4 145.7 270.7

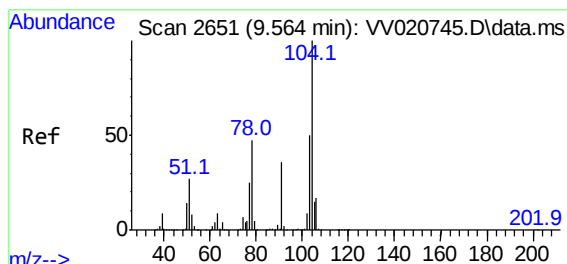
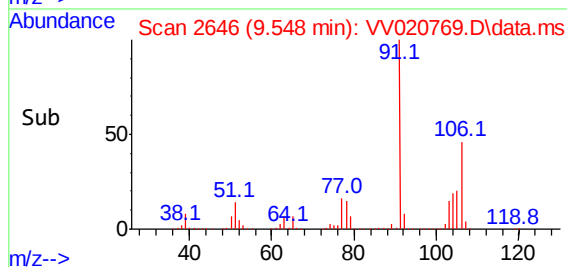
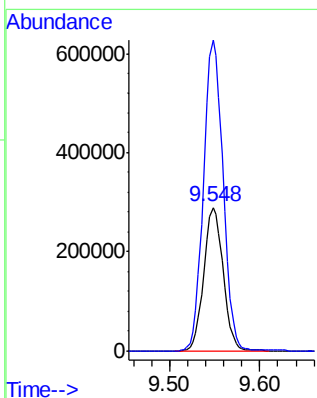
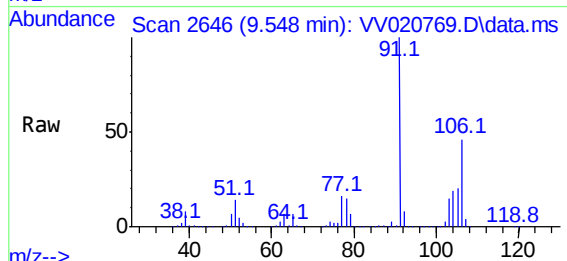




#54
o-xylene
Concen: 53.48 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

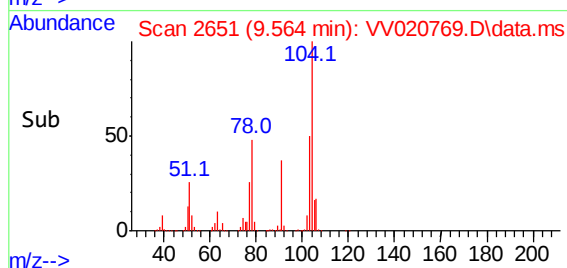
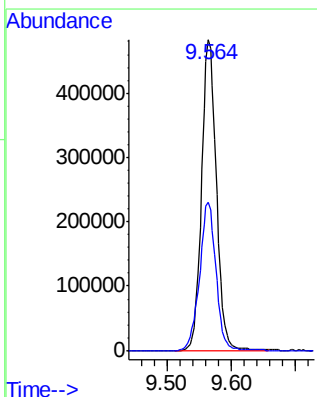
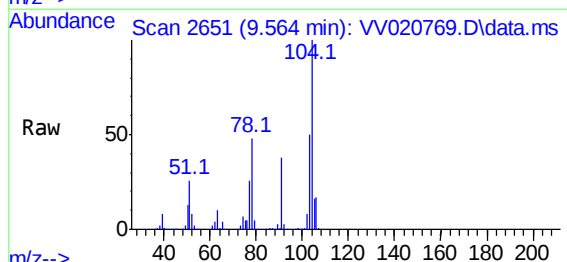
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

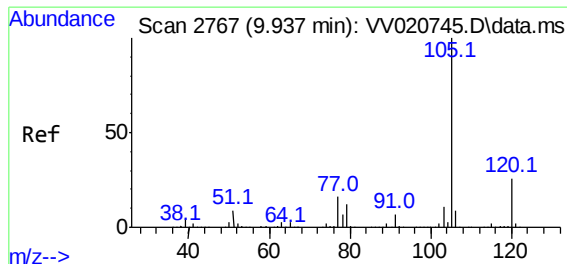
Tgt Ion:106 Resp: 426060
Ion Ratio Lower Upper
106 100
91 216.3 157.8 293.1



#55
Styrene
Concen: 54.65 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion:104 Resp: 764995
Ion Ratio Lower Upper
104 100
78 47.9 33.6 62.4



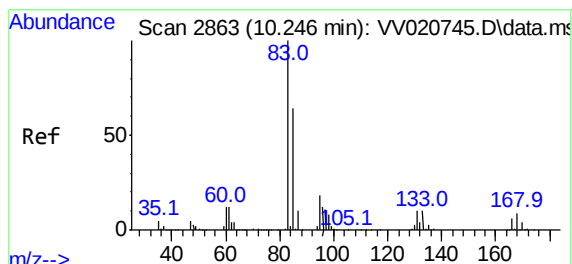
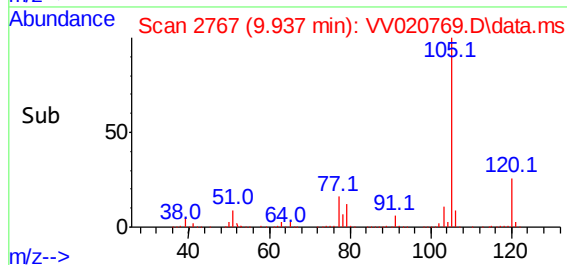
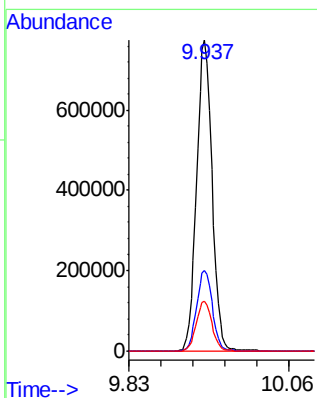
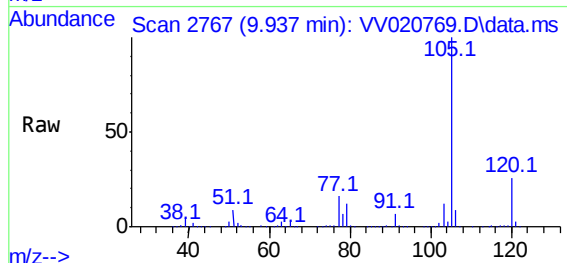


#56
Isopropylbenzene
Concen: 53.30 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion:105 Resp: 1169420

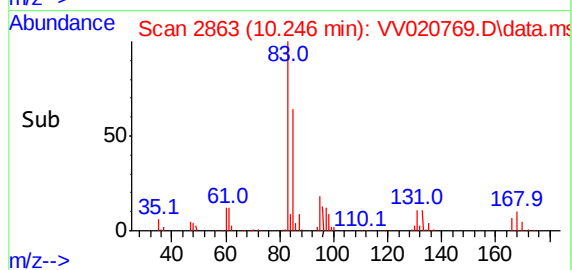
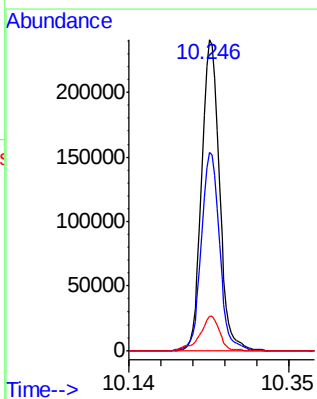
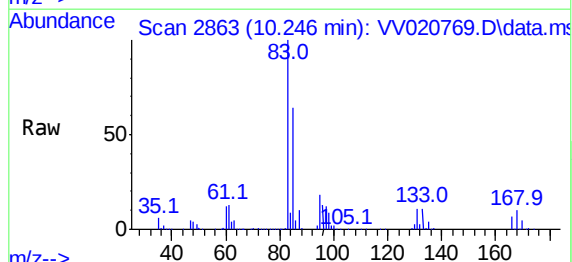
Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.8	31.2
77	16.0	12.9	19.3

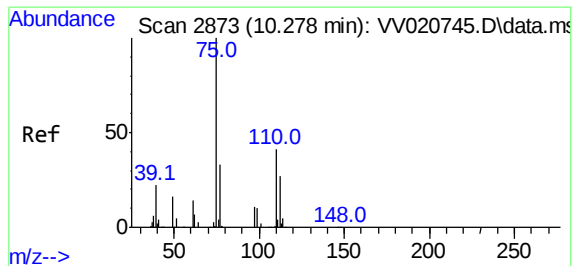


#58
1,1,2,2-Tetrachloroethane
Concen: 51.12 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 83 Resp: 385438

Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.7	83.1
131	10.8	8.6	12.8

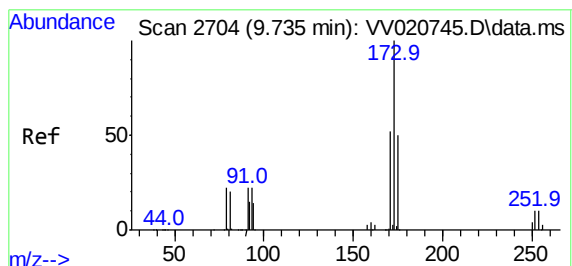
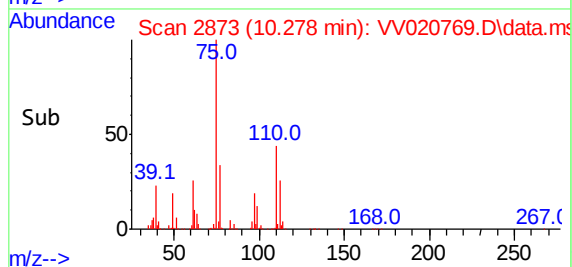
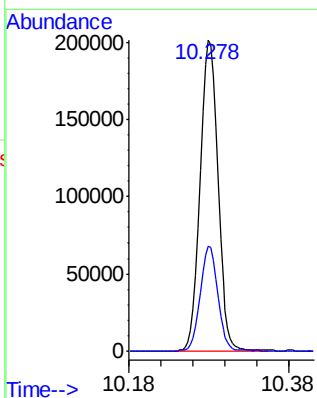
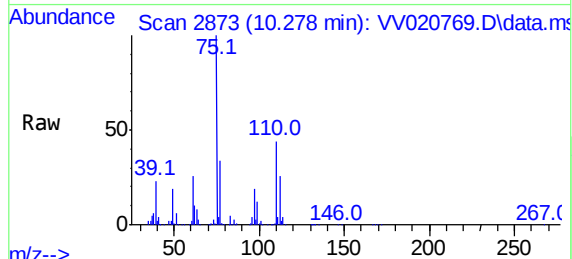




#59
1,2,3-Trichloropropane
Concen: 51.93 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

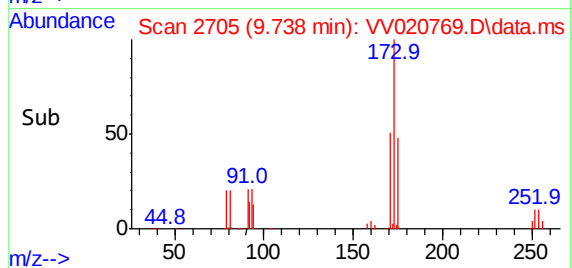
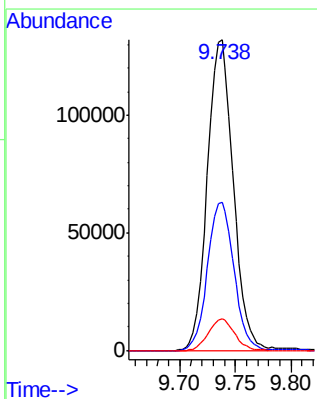
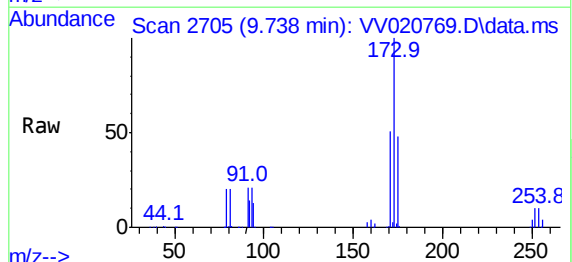
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

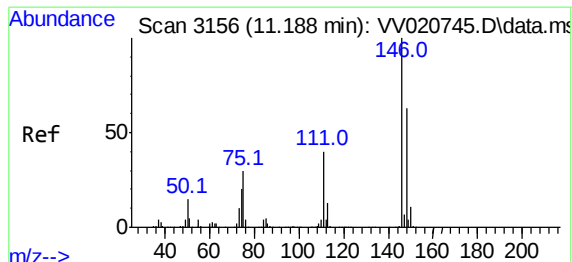
Tgt Ion: 75 Resp: 318600
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9



#61
Bromoform
Concen: 51.25 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion:173 Resp: 214201
Ion Ratio Lower Upper
173 100
175 48.8 38.4 57.6
254 10.2 8.5 12.7

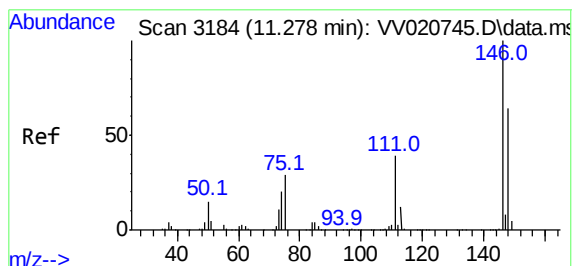
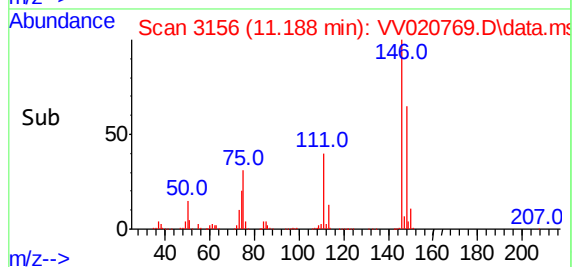
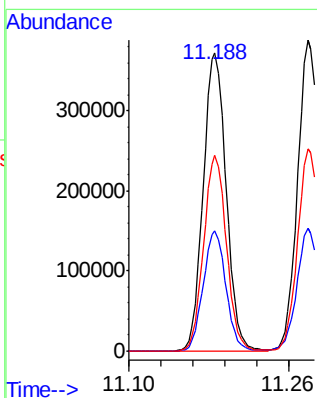
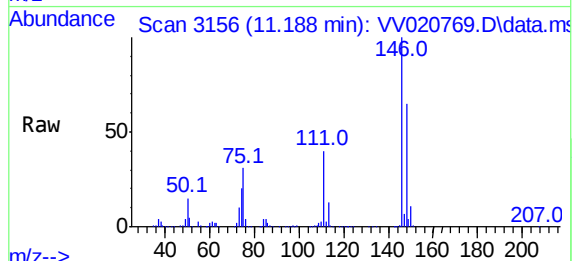




#62
1,3-Dichlorobenzene
Concen: 51.05 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

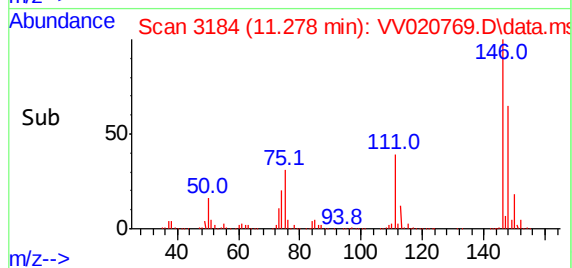
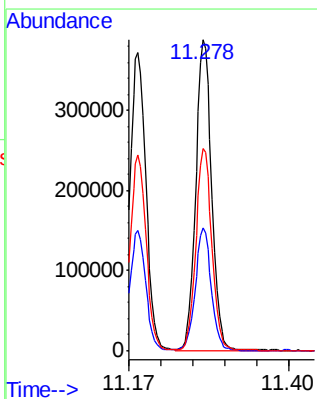
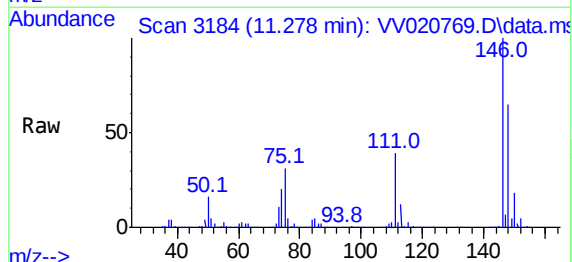
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

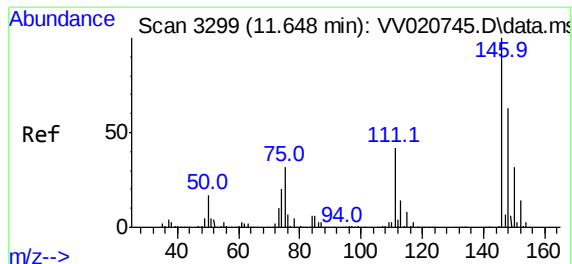
Tgt Ion:146 Resp: 573484
Ion Ratio Lower Upper
146 100
111 40.2 27.4 51.0
148 65.5 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 50.48 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion:146 Resp: 589787
Ion Ratio Lower Upper
146 100
111 39.4 26.0 48.4
148 65.0 44.1 81.9

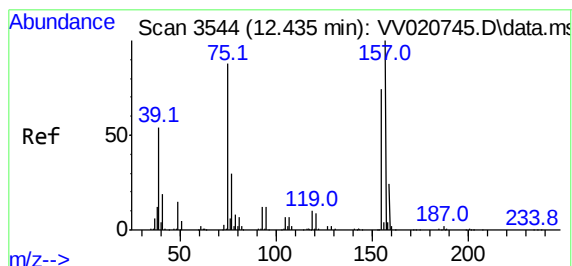
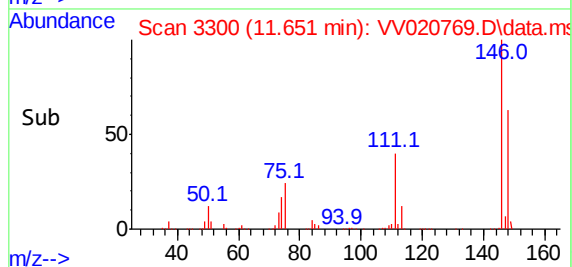
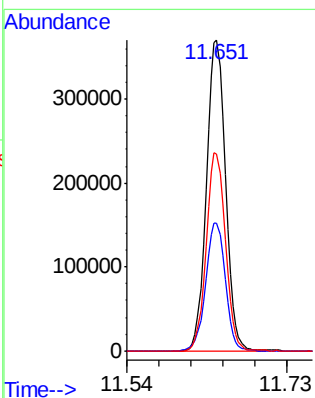
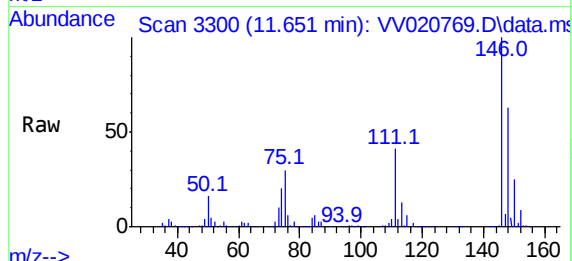




#65
1,2-Dichlorobenzene
Concen: 51.90 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

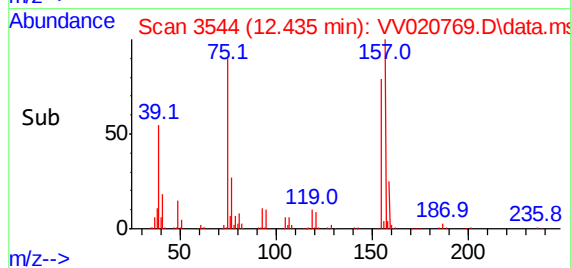
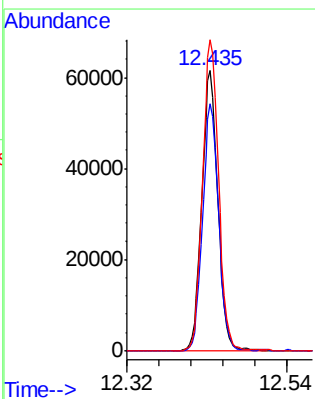
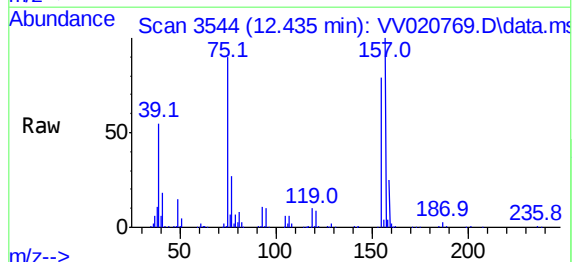
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

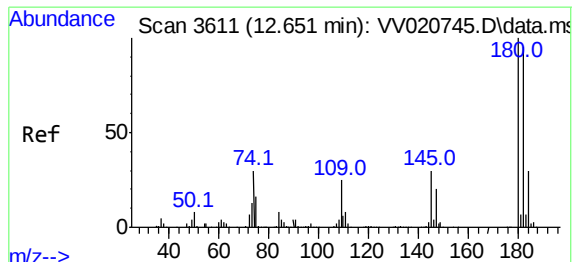
Tgt Ion:146 Resp: 574604
Ion Ratio Lower Upper
146 100
111 40.9 34.1 51.1
148 63.3 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 50.03 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion: 75 Resp: 93649
Ion Ratio Lower Upper
75 100
155 88.0 65.3 97.9
157 111.0 85.8 128.6

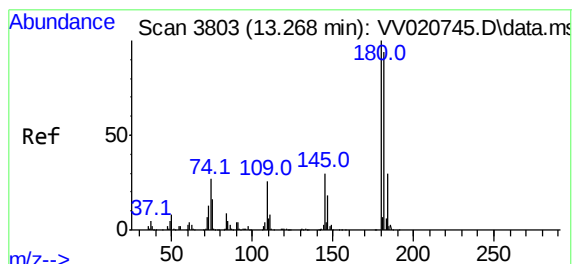
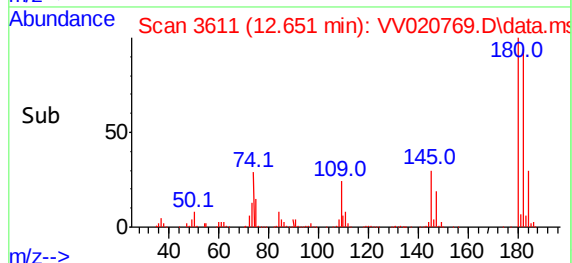
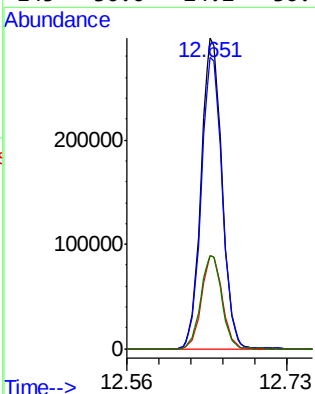
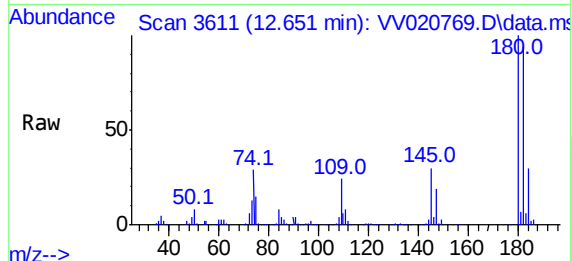




#67
1,3,5-Trichlorobenzene
Concen: 50.96 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

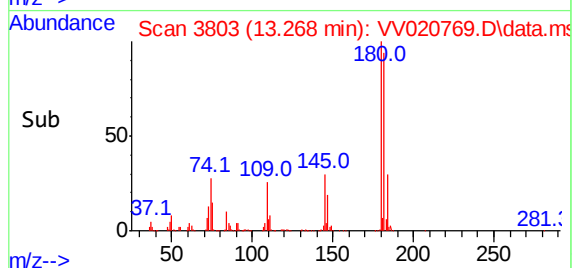
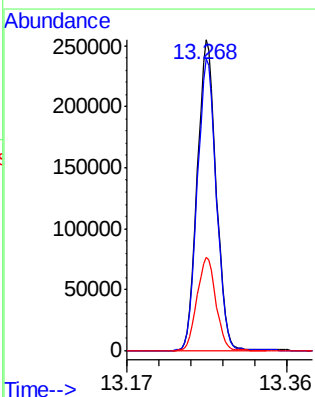
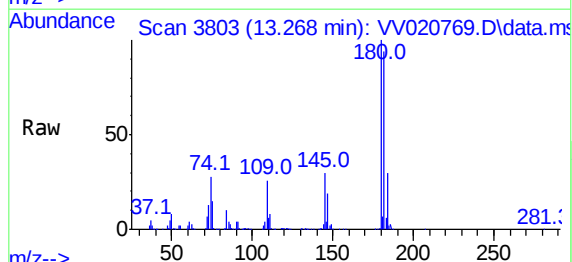
Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

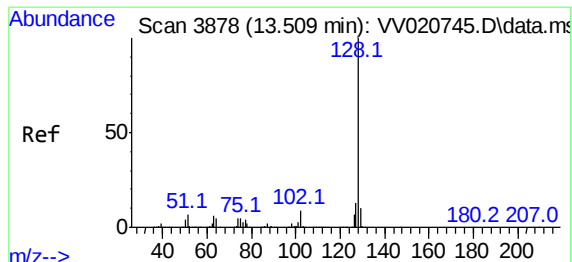
Tgt Ion:180 Resp: 443777
Ion Ratio Lower Upper
180 100
182 94.5 76.3 114.5
184 29.6 24.5 36.7
145 30.0 24.2 36.4



#68
1,2,4-trichlorobenzene
Concen: 52.76 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion:180 Resp: 389498
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.6
145 30.2 23.9 35.9

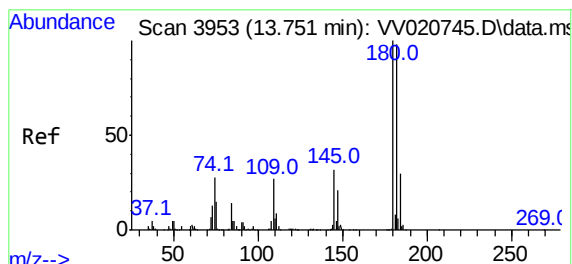
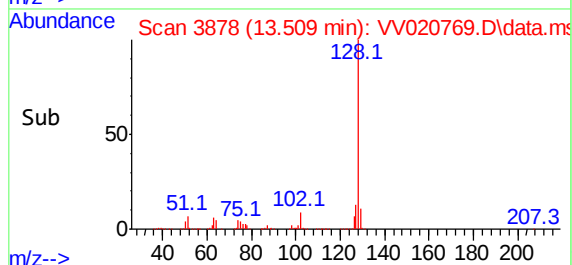
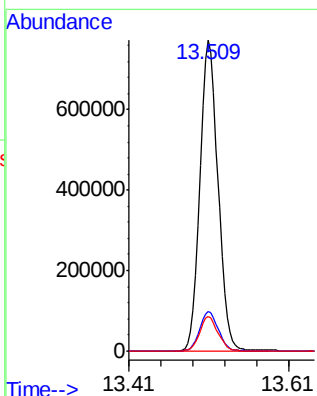
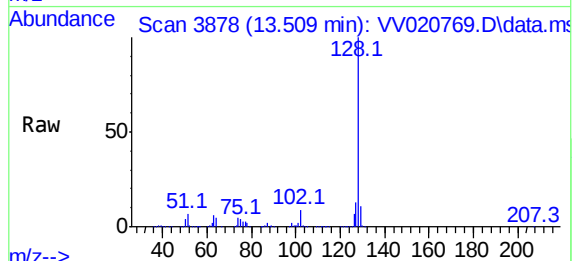




#69
Naphthalene
Concen: 55.48 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD05093

Tgt Ion:128 Resp: 1172496
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 53.54 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020769.D
Acq: 26 Mar 2021 20:05

Tgt Ion:180 Resp: 395857
Ion Ratio Lower Upper
180 100
182 94.1 75.2 112.8
145 31.2 25.5 38.3

