

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040221\
 Data File : VW020871.D
 Acq On : 02 Apr 2021 11:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Apr 03 00:29:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 08:30:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	691720	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	675167	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	400258	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	172896	35.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.42%		
7) Chloroethane-d5	1.571	69	142076	38.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.54%		
11) 1,1-Dichloroethene-d2	2.111	63	380675	41.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.18%		
21) 2-Butanone-d5	3.899	46	282064	88.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.28%		
24) Chloroform-d	4.352	84	469612	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.22%		
26) 1,2-Dichloroethane-d4	5.037	65	308861	48.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.08%		
32) Benzene-d6	5.053	84	855173	47.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.04%		
36) 1,2-Dichloropropane-d6	6.072	67	250764	45.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.78%		
41) Toluene-d8	7.317	98	849563	50.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.44%		
43) trans-1,3-Dichloroprop...	7.622	79	148465	50.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.00%		
47) 2-Hexanone-d5	8.092	63	223487	96.48	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.48%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	373915	46.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.92%		
64) 1,2-Dichlorobenzene-d4	11.632	152	387263	49.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.70%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	315422	48.67	ug/L	99
3) Chloromethane	1.243	50	208550	40.31	ug/L	100
5) Vinyl chloride	1.314	62	233740	44.23	ug/L	99
6) Bromomethane	1.523	94	173874	52.19	ug/L	98
8) Chloroethane	1.587	64	143816	47.11	ug/L	99
9) Trichlorofluoromethane	1.754	101	480468	53.19	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	236724	54.52	ug/L	93
12) 1,1-Dichloroethene	2.118	96	211221	52.33	ug/L	90
13) Acetone	2.192	43	268114	117.68	ug/L	99
14) Carbon disulfide	2.294	76	620405	46.48	ug/L	99
15) Methyl Acetate	2.439	43	217994	45.83	ug/L	93
16) Methylene chloride	2.510	84	252740	51.34	ug/L	89
17) trans-1,2-Dichloroethene	2.761	96	241593	52.19	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	770334	53.68	ug/L	98
19) 1,1-Dichloroethane	3.191	63	427782	49.74	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	263443	53.19	ug/L	95
22) 2-Butanone	3.982	43	331220	99.32	ug/L	93
23) Bromochloromethane	4.249	128	148981	55.88	ug/L	85
25) Chloroform	4.378	83	487637	53.31	ug/L	98
27) 1,2-Dichloroethane	5.133	62	392957	53.78	ug/L	100

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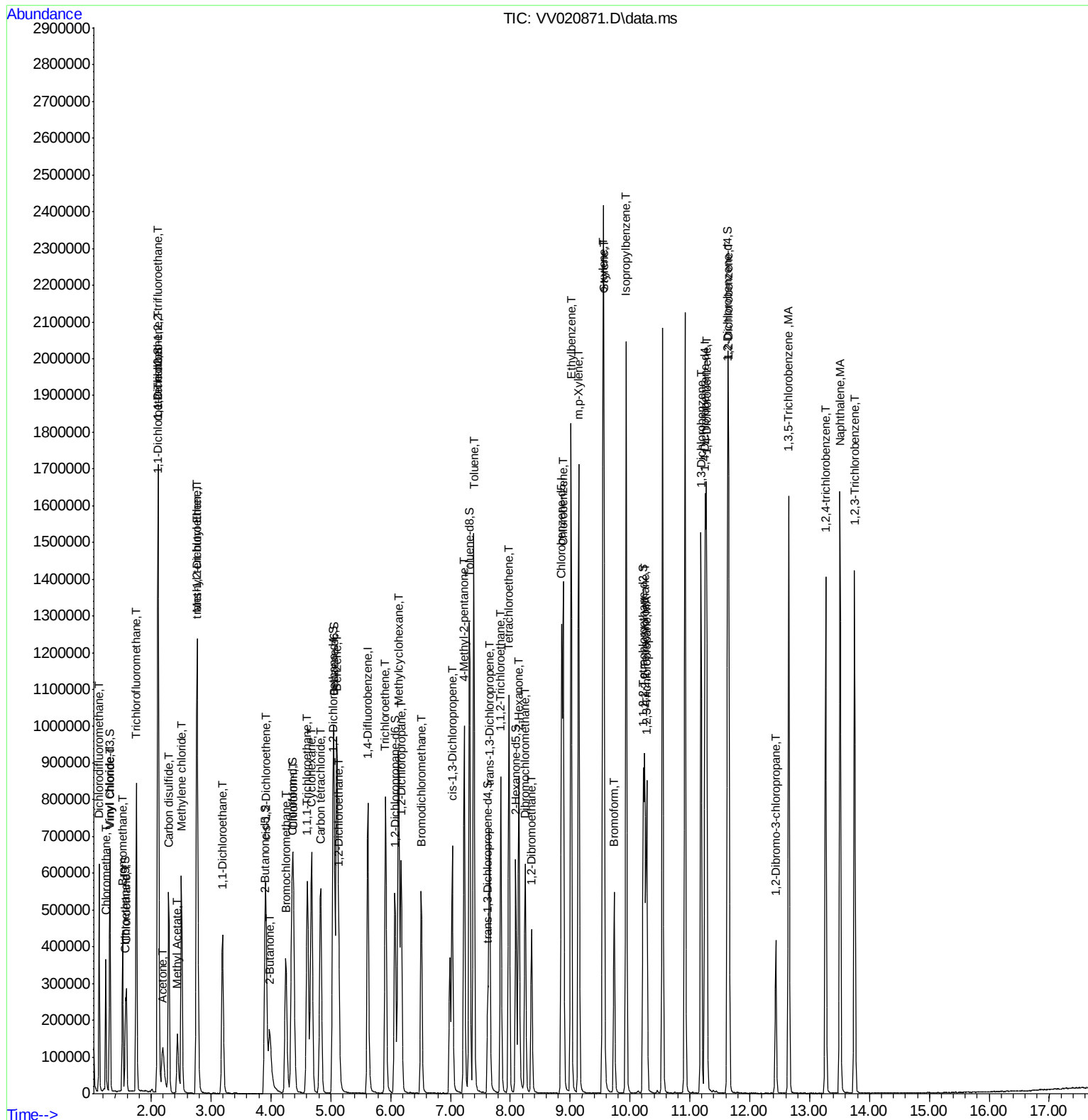
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	350439	45.89	ug/L	90
30) 1,1,1-Trichloroethane	4.609	97	481626	57.68	ug/L	97
31) Carbon tetrachloride	4.831	117	427743	57.35	ug/L	97
33) Benzene	5.101	78	955987	51.34	ug/L	100
34) Trichloroethene	5.915	95	271864	53.26	ug/L	96
35) Methylcyclohexane	6.133	83	408742	52.18	ug/L	94
37) 1,2-Dichloropropane	6.175	63	231049	47.31	ug/L #	97
38) Bromodichloromethane	6.513	83	370802	54.07	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	389964	51.72	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	613918	93.74	ug/L #	94
42) Toluene	7.391	91	1092113	53.96	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	414389	54.58	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	261354	54.40	ug/L	96
46) Tetrachloroethene	7.979	164	245294	57.57	ug/L	99
48) 2-Hexanone	8.143	43	492918	98.60	ug/L #	94
49) Dibromochloromethane	8.249	129	321584	57.47	ug/L	97
50) 1,2-Dibromoethane	8.355	107	284104	55.22	ug/L #	98
51) Chlorobenzene	8.886	112	738585	54.36	ug/L	98
52) Ethylbenzene	9.014	91	1247647	54.01	ug/L	99
53) m,p-Xylene	9.143	106	480842	55.97	ug/L	96
54) o-xylene	9.548	106	468182	56.54	ug/L	96
55) Styrene	9.564	104	817174	56.16	ug/L	97
56) Isopropylbenzene	9.934	105	1296498	56.85	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	391700	49.98	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	331244	51.94	ug/L	99
61) Bromoform	9.735	173	248377	54.66	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	630260	51.60	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	636683	50.12	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	641729	53.31	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	99444	48.86	ug/L	87
67) 1,3,5-Trichlorobenzene	12.651	180	507980	53.65	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	436773	54.41	ug/L	99
69) Naphthalene	13.509	128	1256869	54.70	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	446680	55.56	ug/L	99

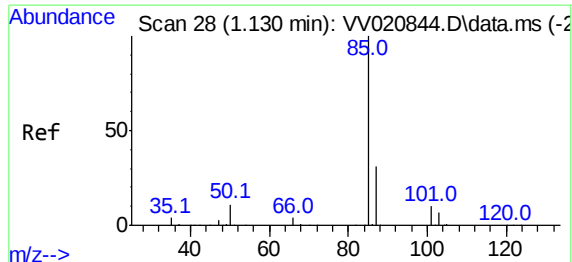
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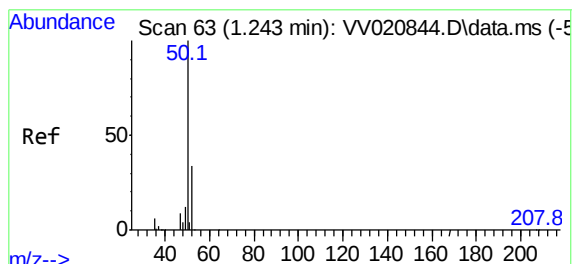
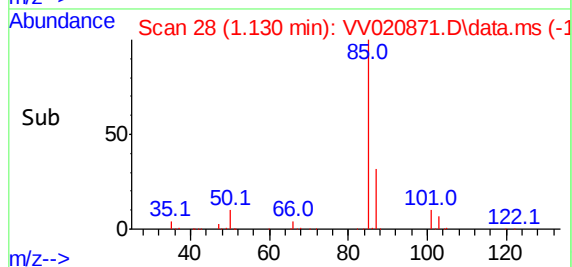
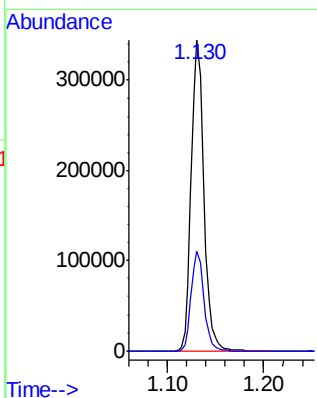
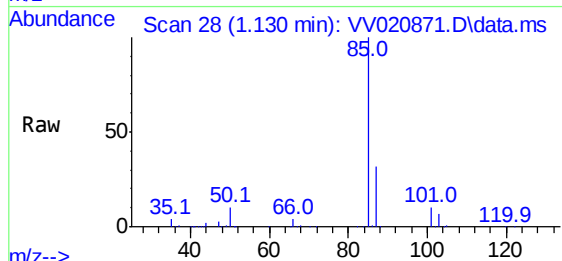


#2
 Dichlorodifluoromethane
 Concen: 48.67 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020871.D
 Acq: 02 Apr 2021 11:22

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Tgt Ion: 85 Resp: 315422

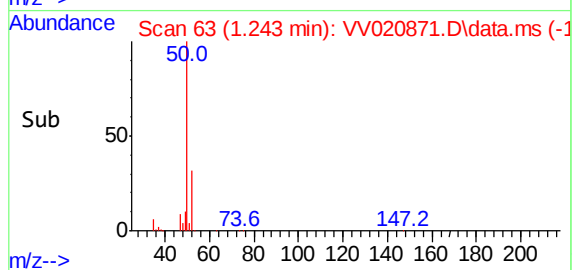
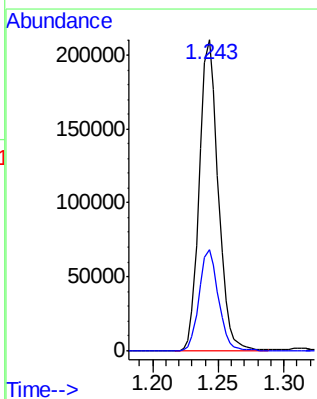
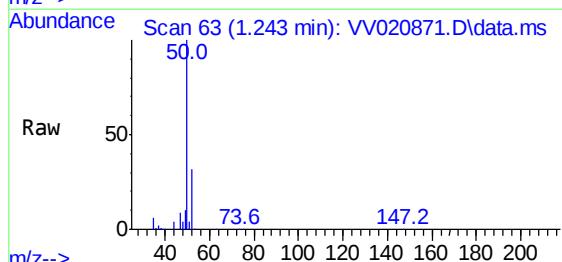
Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.3	39.5

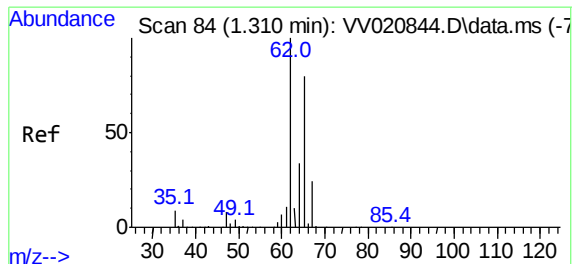


#3
 Chloromethane
 Concen: 40.31 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020871.D
 Acq: 02 Apr 2021 11:22

Tgt Ion: 50 Resp: 208550

Ion	Ratio	Lower	Upper
50	100		
52	32.3	22.7	42.1



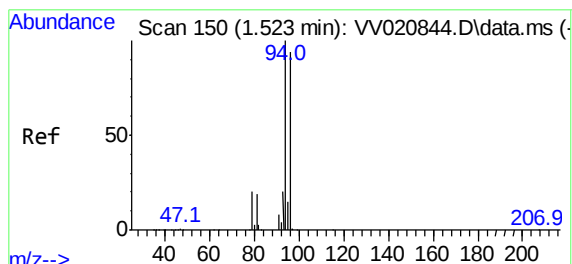
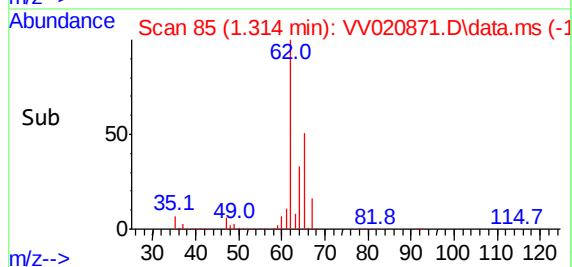
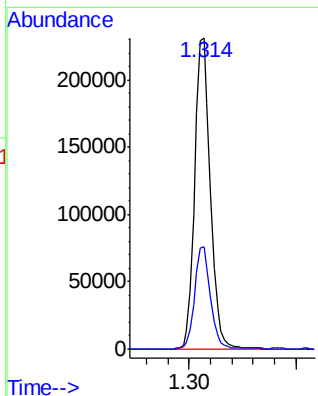
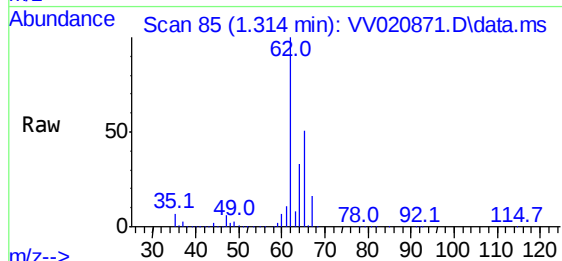


#5
 Vinyl chloride
 Concen: 44.23 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020871.D
 Acq: 02 Apr 2021 11:22

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Tgt Ion: 62 Resp: 233740

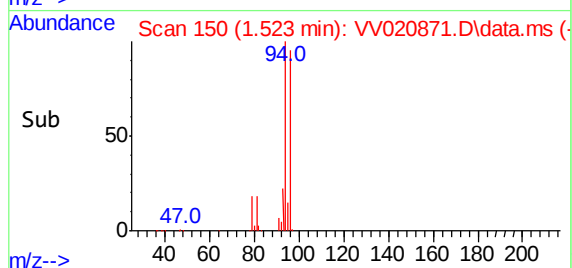
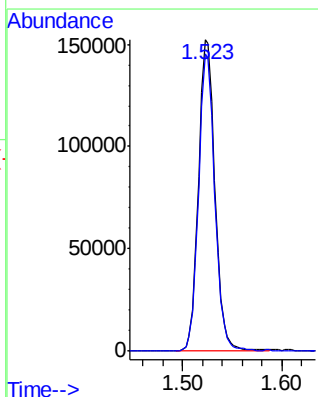
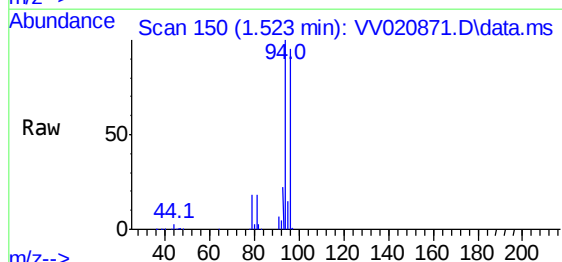
Ion	Ratio	Lower	Upper
62	100		
64	32.8	23.3	43.3

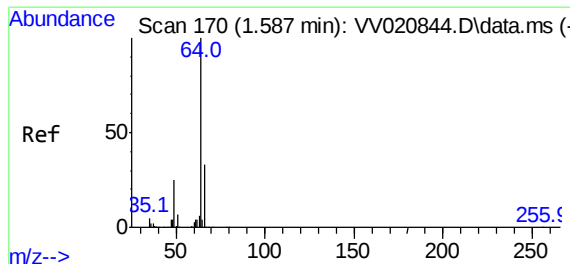


#6
 Bromomethane
 Concen: 52.19 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020871.D
 Acq: 02 Apr 2021 11:22

Tgt Ion: 94 Resp: 173874

Ion	Ratio	Lower	Upper
94	100		
96	95.3	65.6	121.8

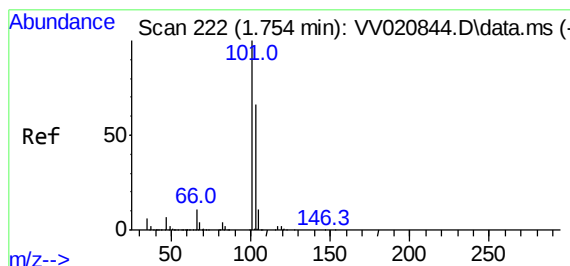
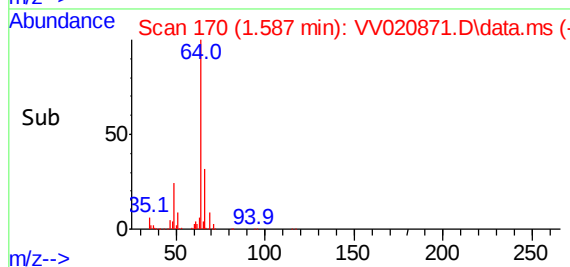
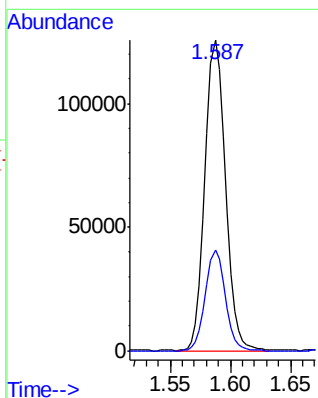
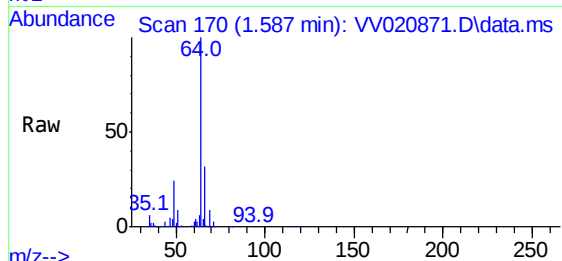




#8
Chloroethane
Concen: 47.11 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

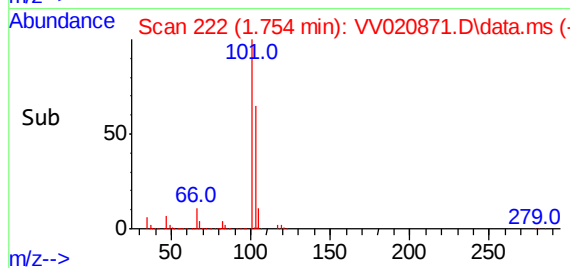
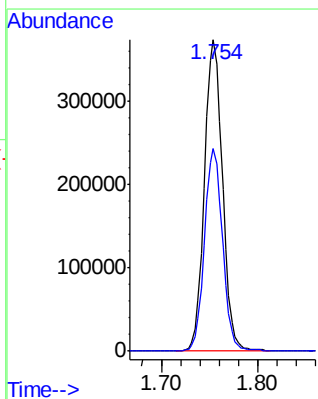
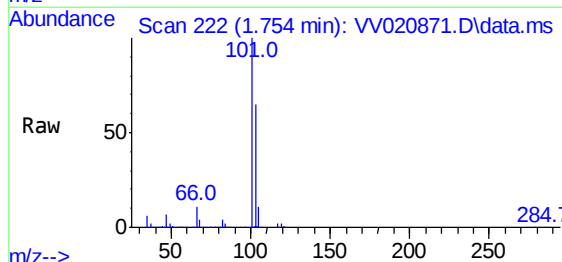
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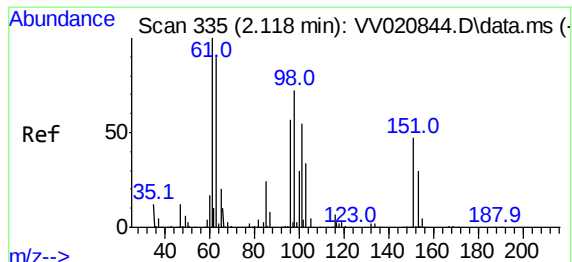
Tgt Ion: 64 Resp: 143816
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 53.19 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion:101 Resp: 480468
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8



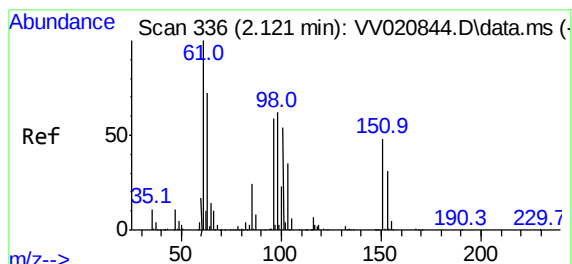
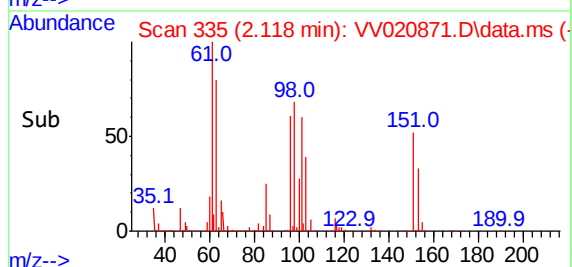
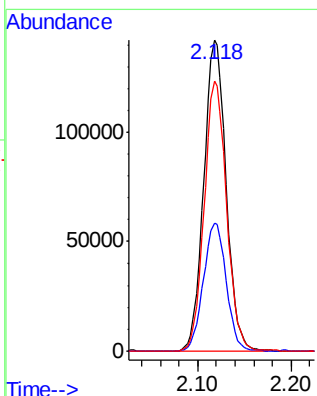
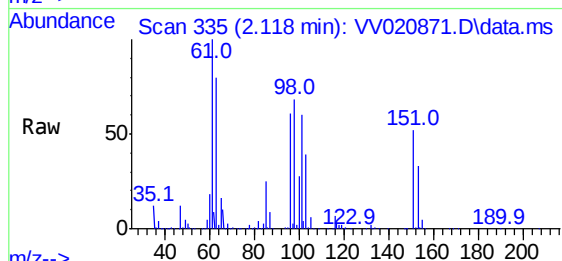


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.52 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020871.D
 Acq: 02 Apr 2021 11:22

Instrument :
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Tgt Ion:101 Resp: 236724

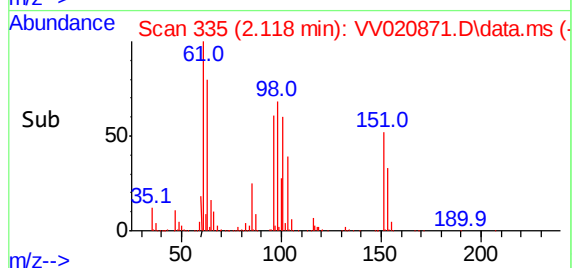
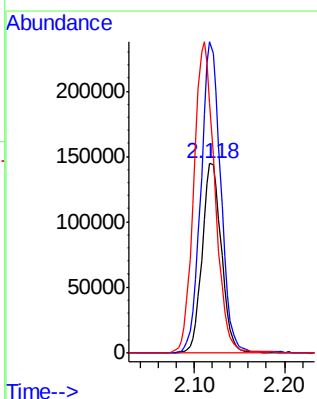
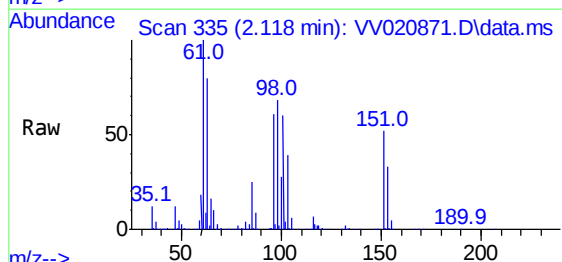
Ion	Ratio	Lower	Upper
101	100		
85	41.9	35.4	53.0
151	86.8	63.5	95.3

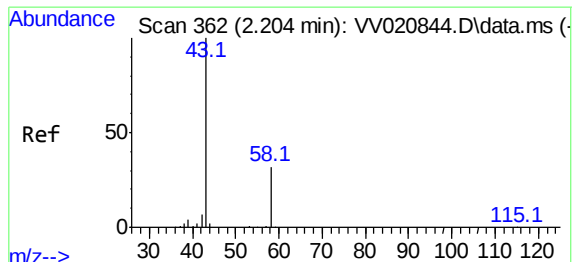


#12
 1,1-Dichloroethene
 Concen: 52.33 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020871.D
 Acq: 02 Apr 2021 11:22

Tgt Ion: 96 Resp: 211221

Ion	Ratio	Lower	Upper
96	100		
61	164.4	126.3	234.6
63	131.6	100.2	186.2

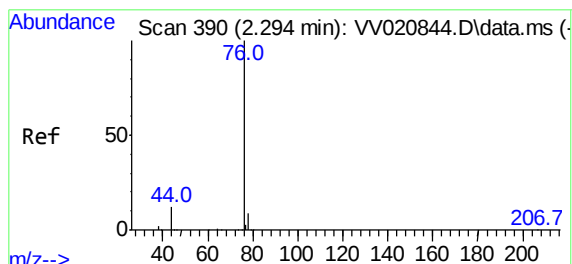
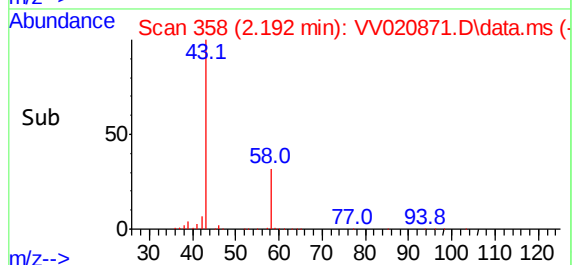
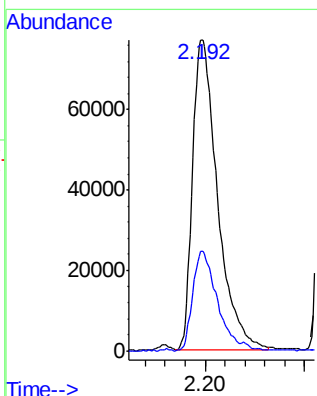
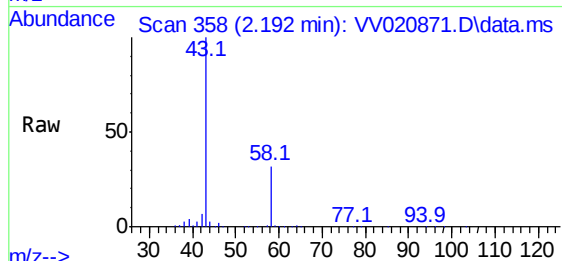




#13
Acetone
Concen: 117.68 ug/L
RT: 2.192 min Scan# 358
Delta R.T. -0.013 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

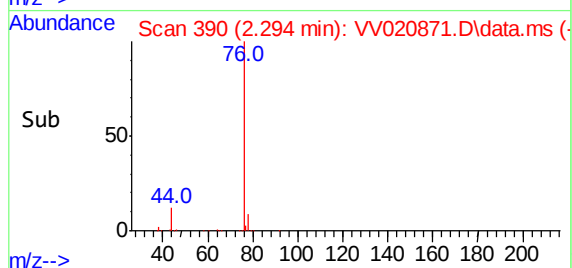
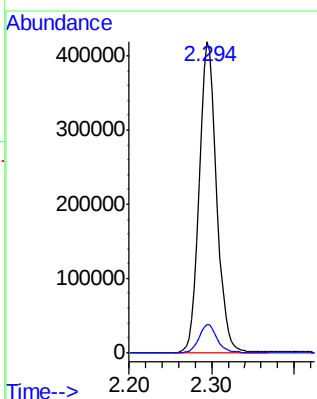
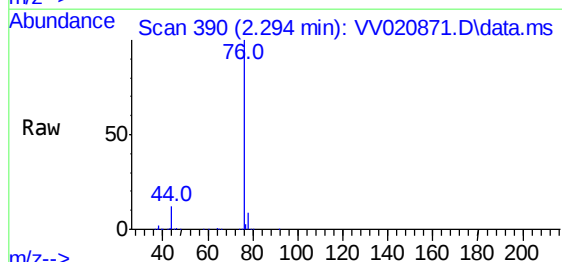
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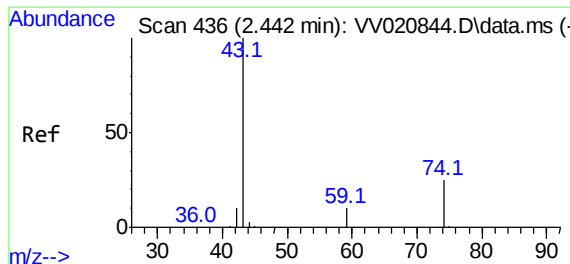
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Ion Ratio Lower Upper
43 100
58 31.1 0.0 60.8



#14
Carbon disulfide
Concen: 46.48 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020871.D
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Tgt Ion: 76 Resp: 620405
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

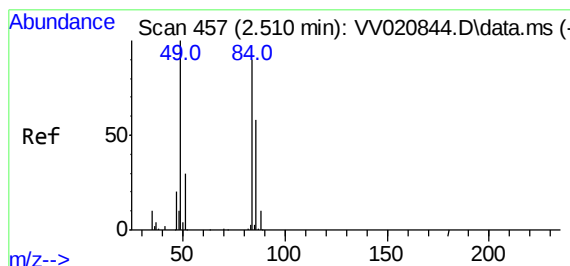
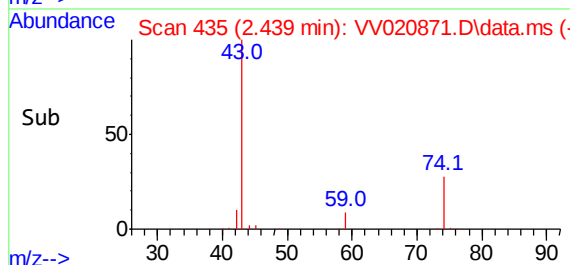
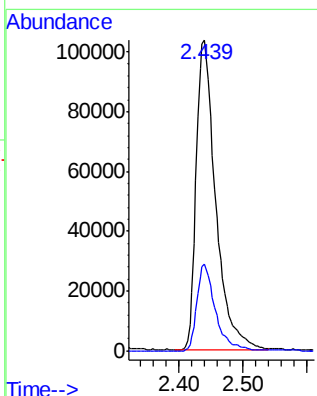
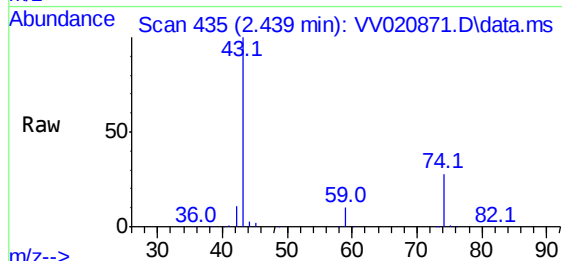




#15
Methyl Acetate
Concen: 45.83 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

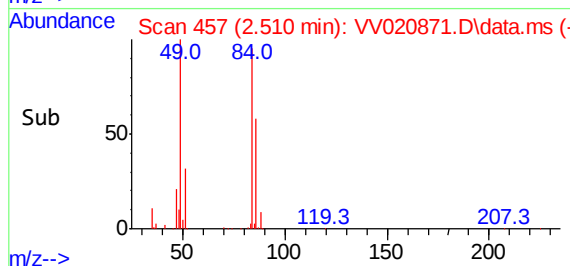
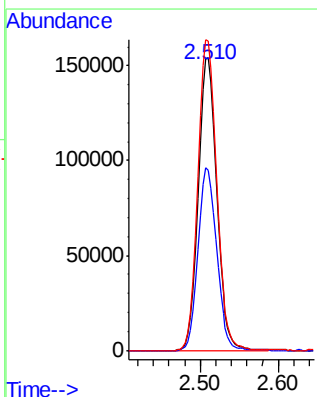
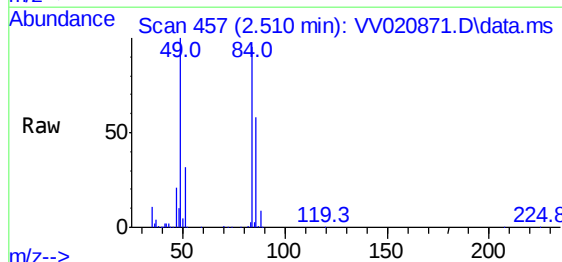
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

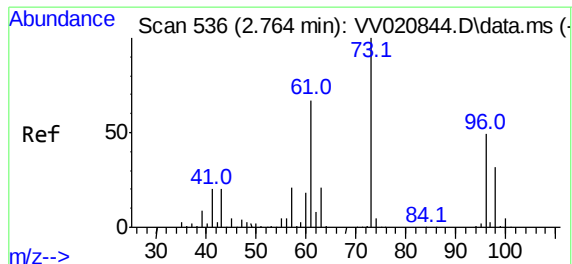
Tgt Ion: 43 Resp: 217994
Ion Ratio Lower Upper
43 100
74 26.4 18.4 27.6



#16
Methylene chloride
Concen: 51.34 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 84 Resp: 252740
Ion Ratio Lower Upper
84 100
86 61.3 43.9 81.5
49 105.5 86.3 160.3

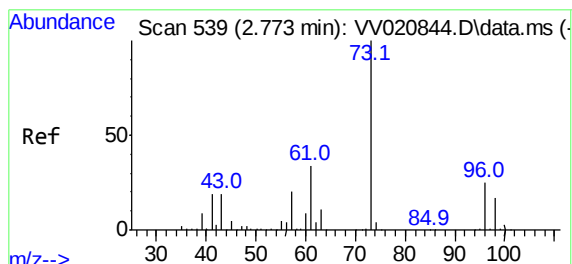
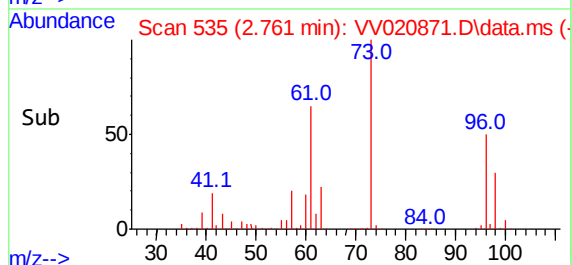
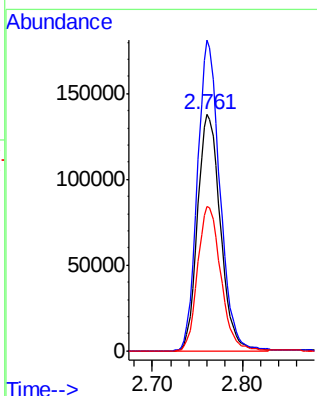
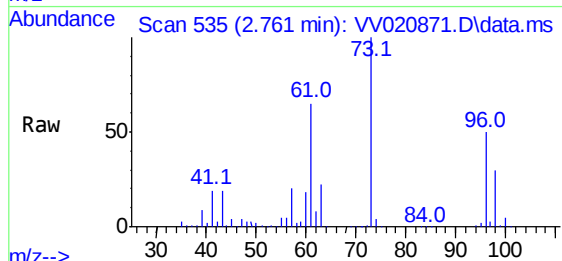




#17
trans-1,2-Dichloroethene
Concen: 52.19 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

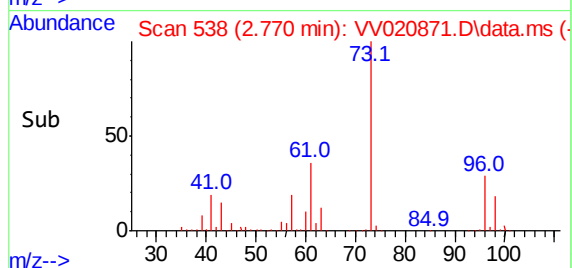
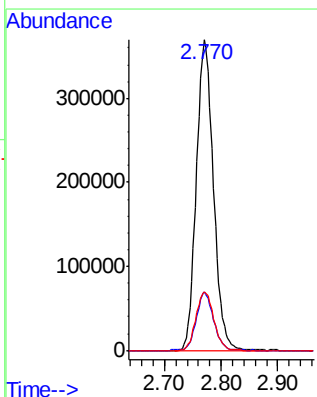
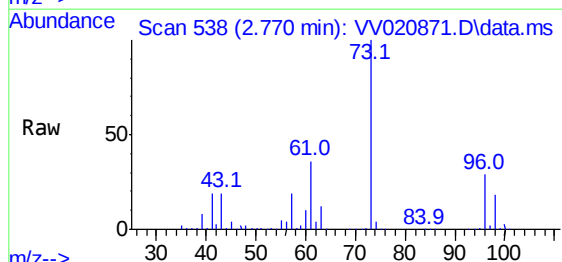
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

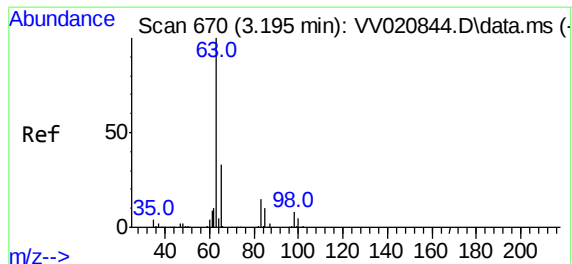
Tgt Ion: 96 Resp: 241593
Ion Ratio Lower Upper
96 100
61 131.5 97.9 181.9
98 61.2 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 53.68 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 73 Resp: 770334
Ion Ratio Lower Upper
73 100
43 18.6 15.4 23.0
57 19.6 17.0 25.6

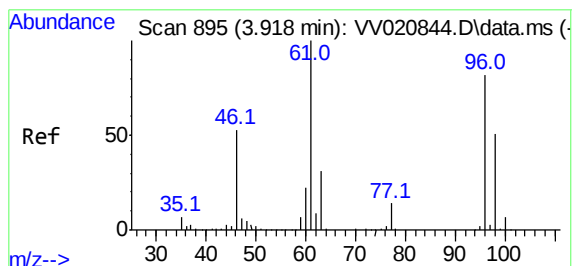
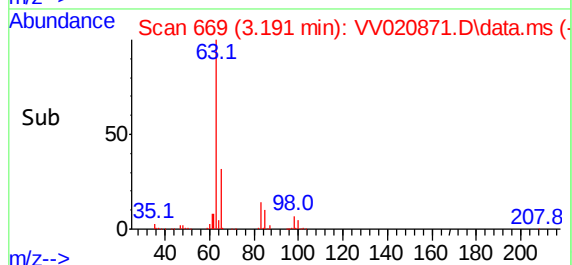
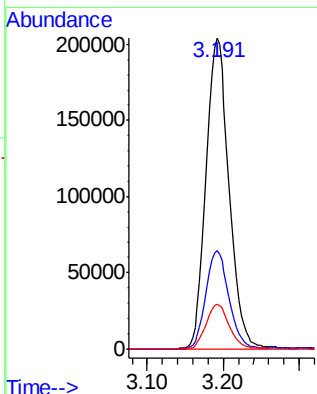
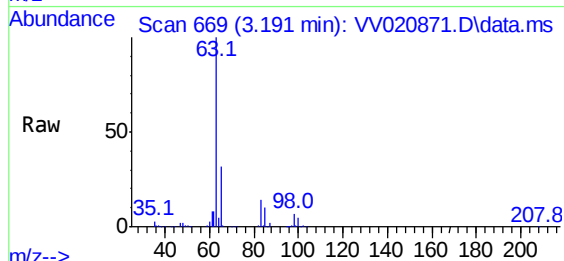




#19
1,1-Dichloroethane
Concen: 49.74 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

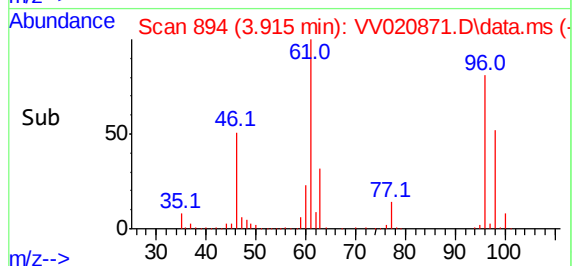
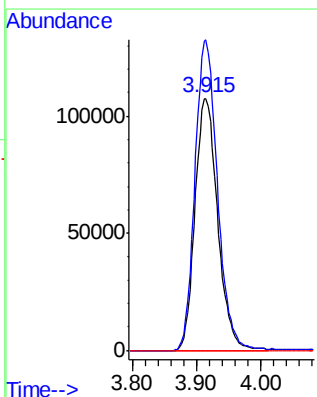
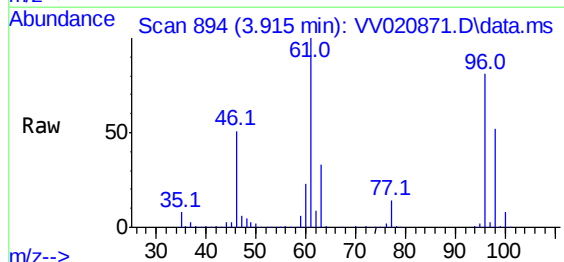
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

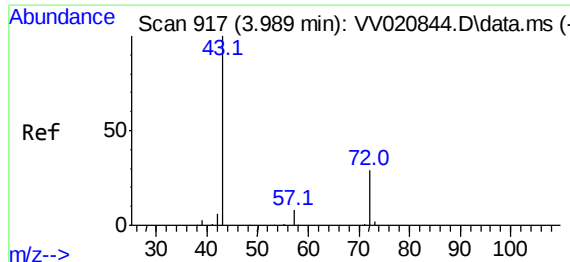
Tgt Ion: 63 Resp: 427782
Ion Ratio Lower Upper
63 100
65 31.7 22.5 41.9
83 14.2 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 53.19 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 96 Resp: 263443
Ion Ratio Lower Upper
96 100
61 123.1 89.9 167.0
68 0.0 0.0 0.0

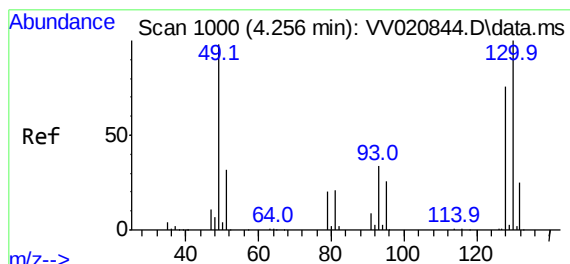
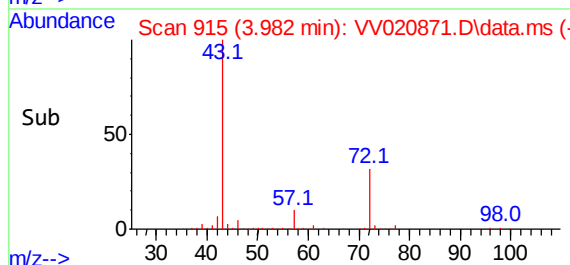
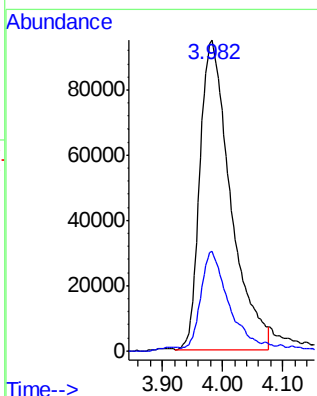
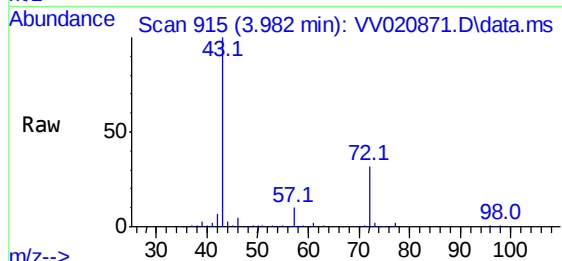




#22
2-Butanone
Concen: 99.32 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.006 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

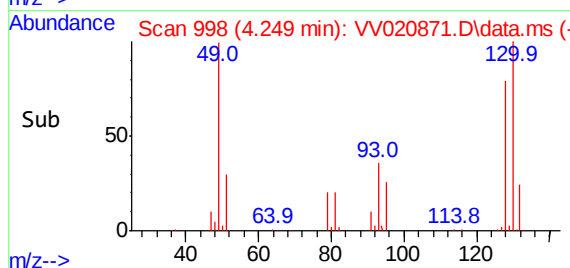
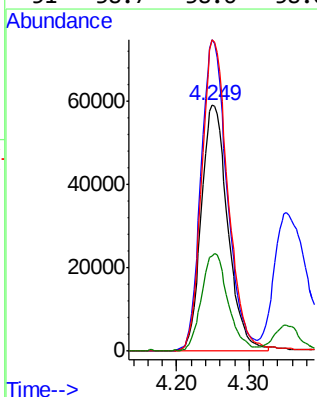
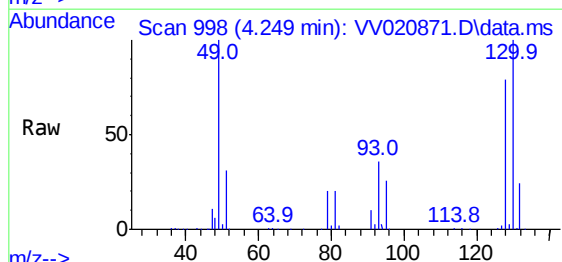
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

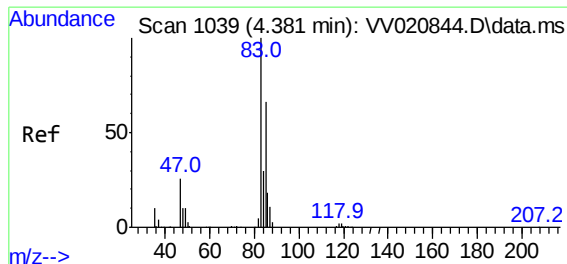
Tgt Ion: 43 Resp: 331220
Ion Ratio Lower Upper
43 100
72 27.4 11.9 35.9



#23
Bromochloromethane
Concen: 55.88 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.006 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 128 Resp: 148981
Ion Ratio Lower Upper
128 100
49 126.7 113.3 210.3
130 126.6 88.7 164.7
51 38.7 38.6 58.0

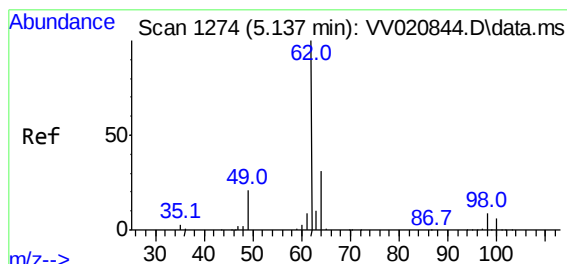
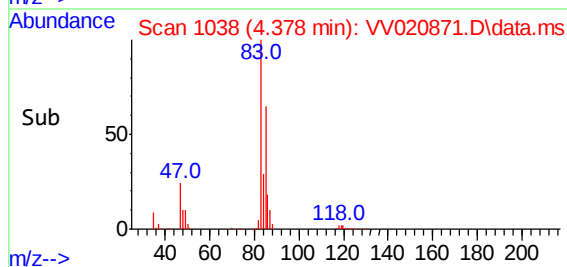
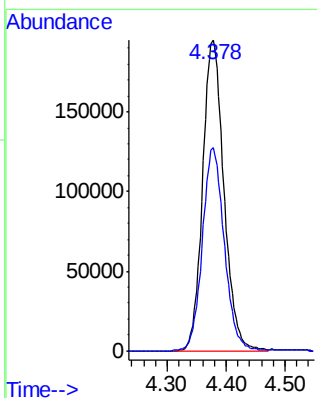
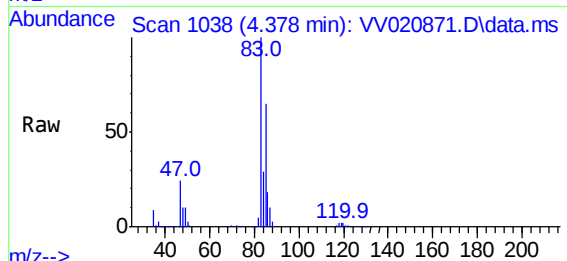




#25
Chloroform
Concen: 53.31 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

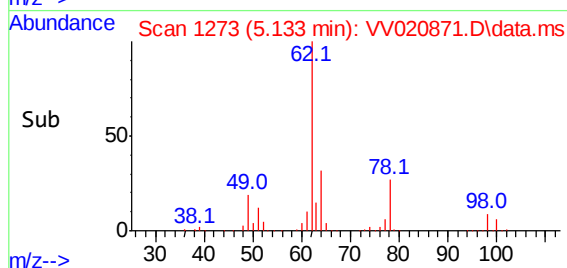
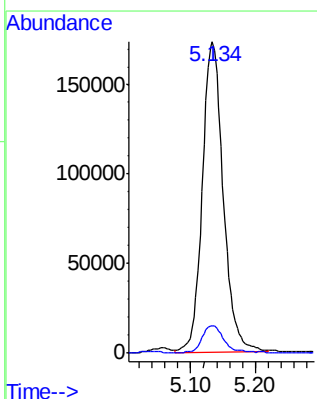
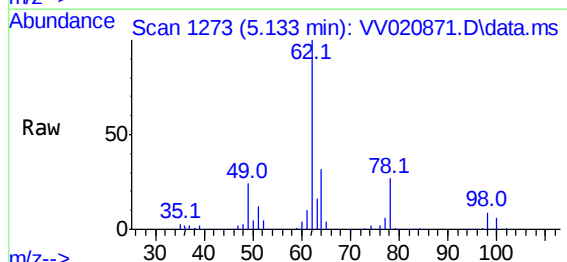
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

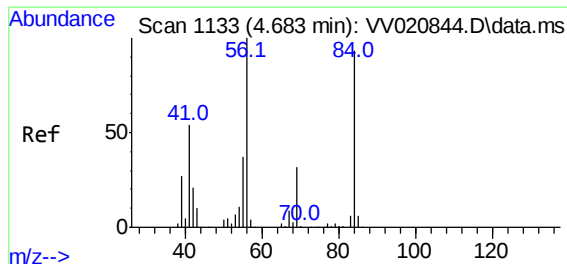
Tgt Ion: 83 Resp: 487637
Ion Ratio Lower Upper
83 100
85 65.2 46.7 86.7



#27
1,2-Dichloroethane
Concen: 53.78 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 62 Resp: 392957
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2

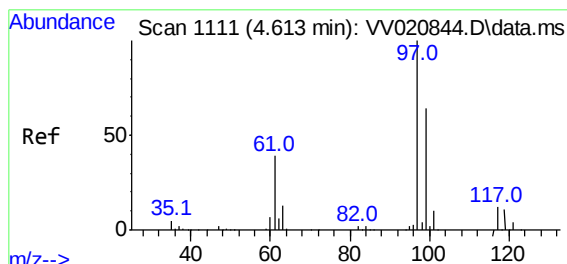
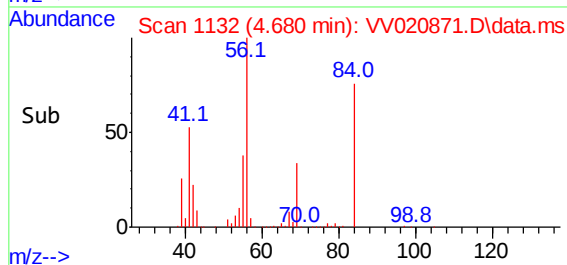
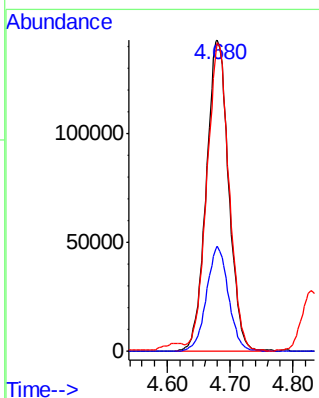
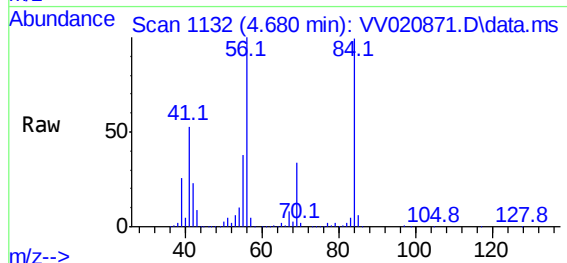




#29
Cyclohexane
Concen: 45.89 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

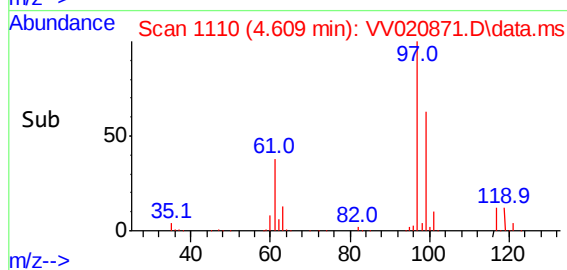
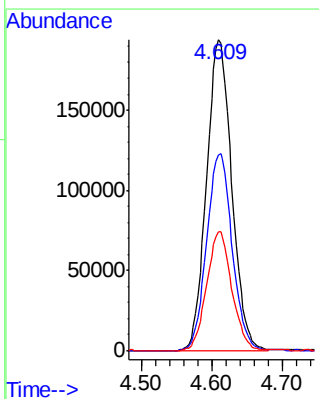
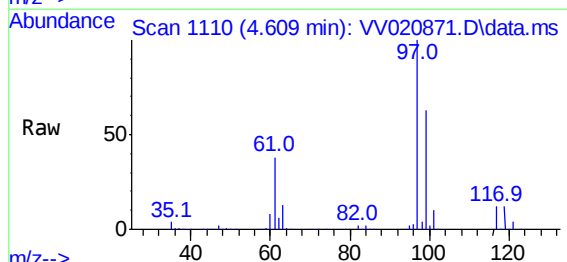
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

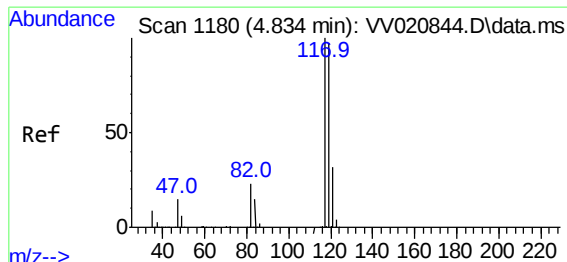
Tgt Ion: 56 Resp: 350439
Ion Ratio Lower Upper
56 100
69 32.8 24.4 36.6
84 98.7 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 57.68 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 97 Resp: 481626
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 38.1 33.9 50.9

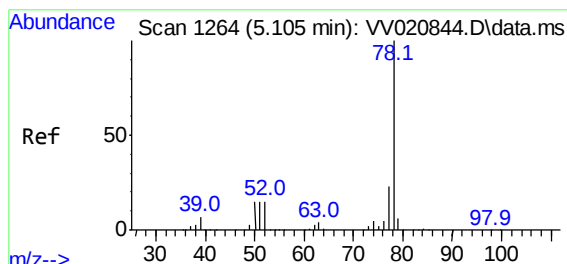
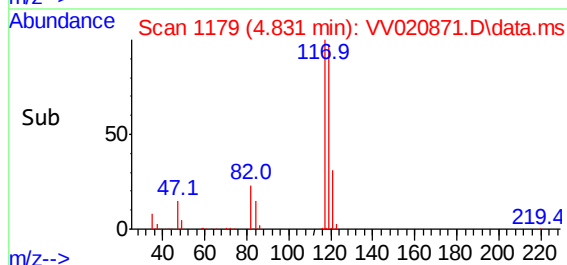
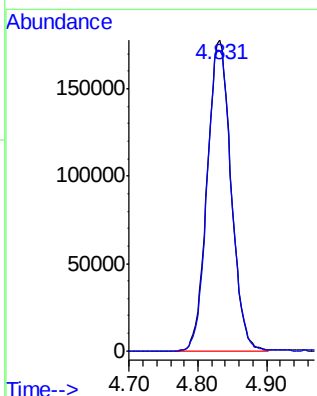
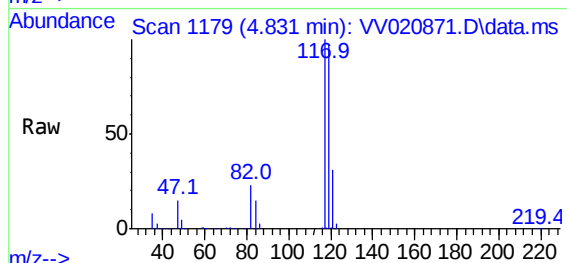




#31
Carbon tetrachloride
Concen: 57.35 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

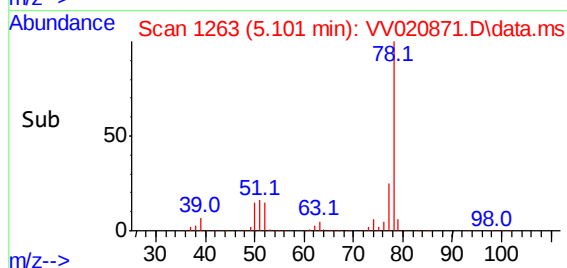
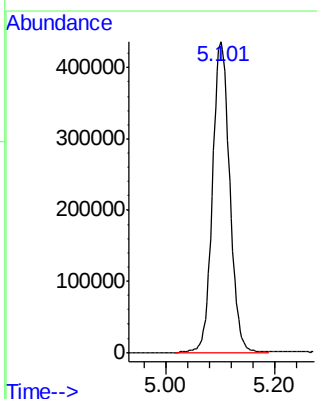
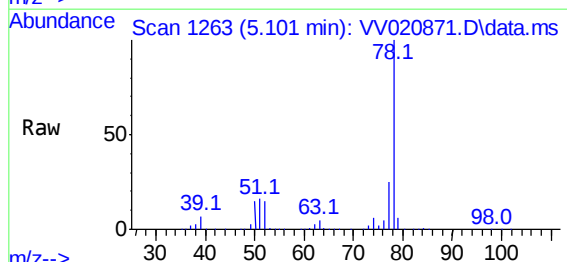
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

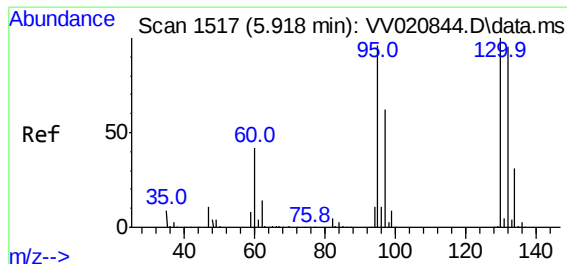
Tgt Ion:117 Resp: 427743
Ion Ratio Lower Upper
117 100
119 98.7 76.9 115.3



#33
Benzene
Concen: 51.34 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 78 Resp: 955987

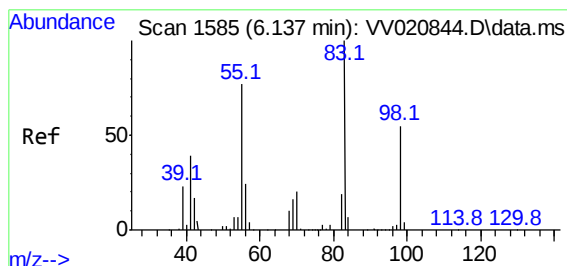
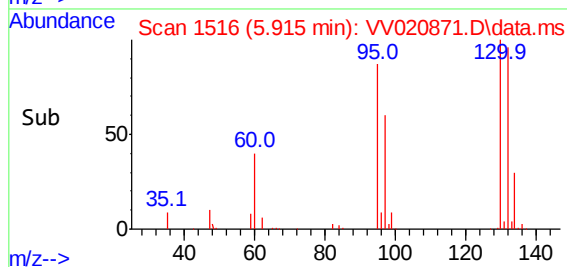
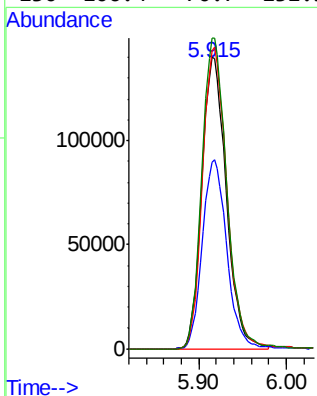
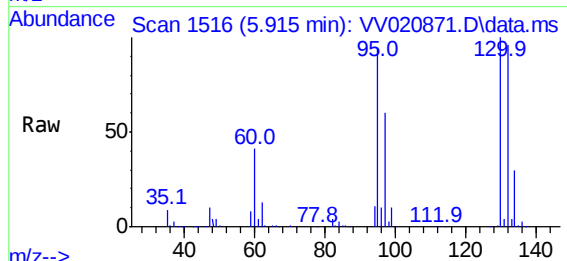




#34
Trichloroethene
Concen: 53.26 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

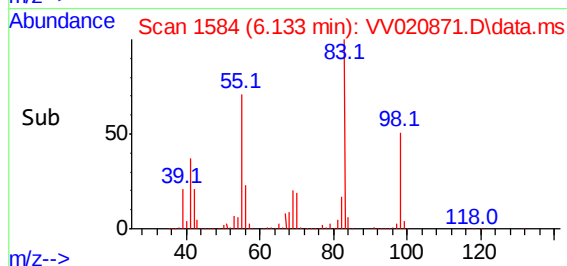
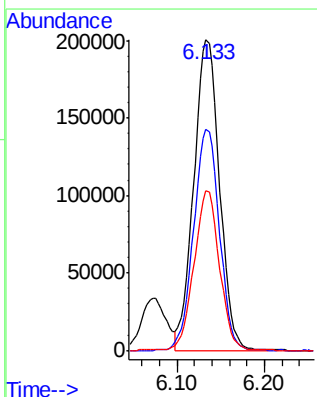
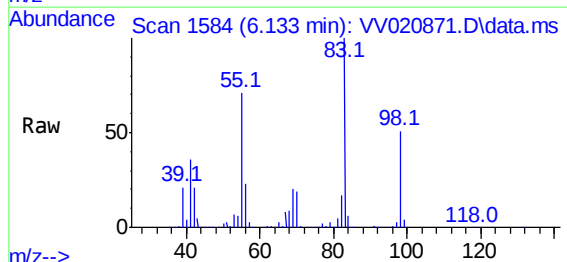
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

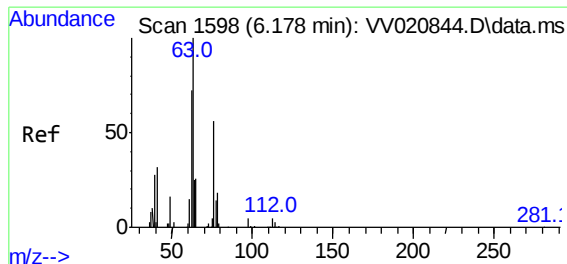
Tgt Ion: 95 Resp: 271864
Ion Ratio Lower Upper
95 100
97 64.1 43.5 80.9
132 102.2 69.5 129.1
130 106.4 70.7 131.3



#35
Methylcyclohexane
Concen: 52.18 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 83 Resp: 408742
Ion Ratio Lower Upper
83 100
55 71.3 62.7 94.1
98 50.8 38.9 58.3

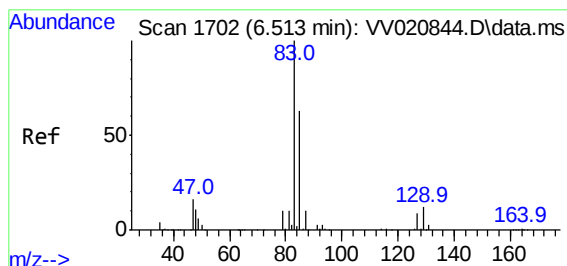
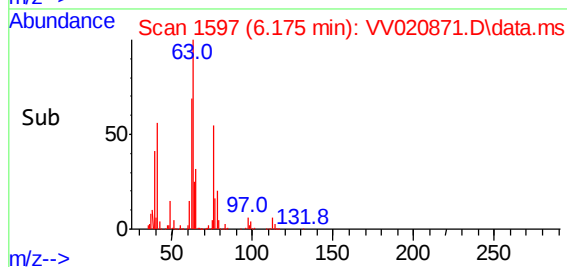
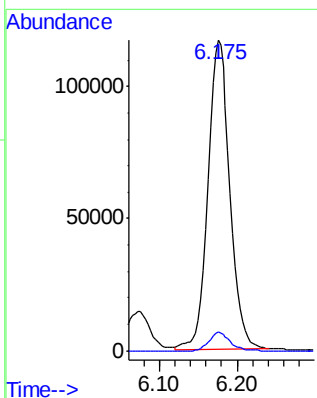
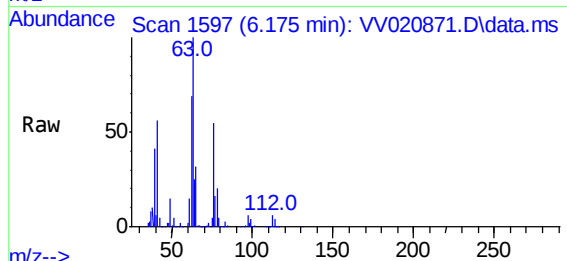




#37
1,2-Dichloropropane
Concen: 47.31 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

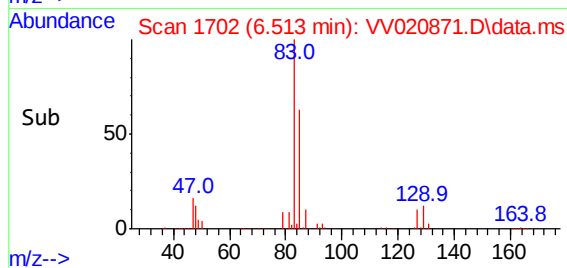
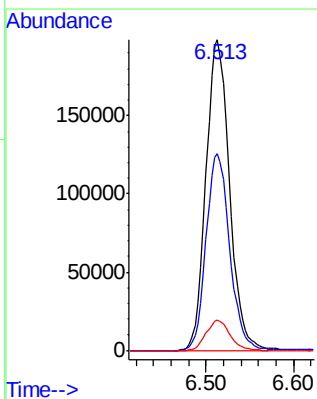
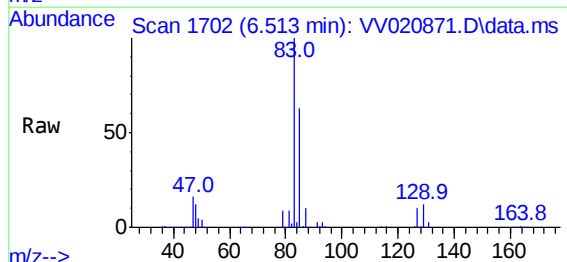
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

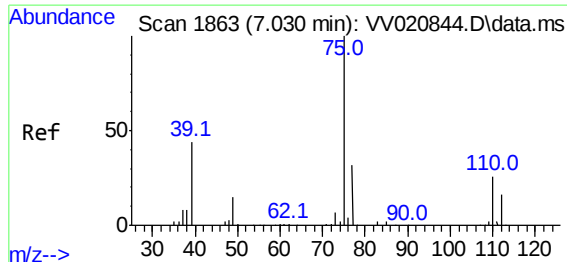
Tgt Ion: 63 Resp: 231049
Ion Ratio Lower Upper
63 100
112 5.7 3.7 5.5#



#38
Bromodichloromethane
Concen: 54.07 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 83 Resp: 370802
Ion Ratio Lower Upper
83 100
85 63.3 44.5 82.7
127 9.7 6.8 10.2

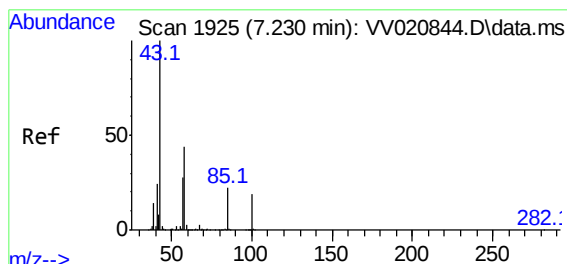
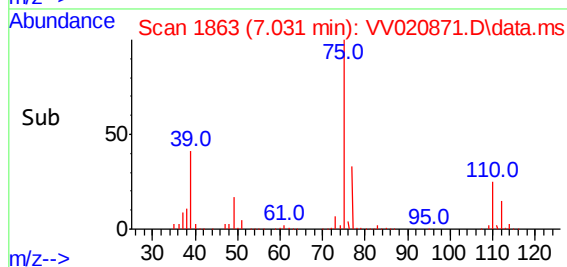
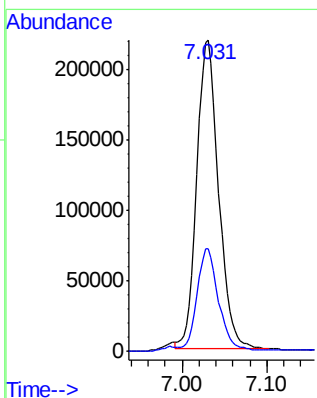
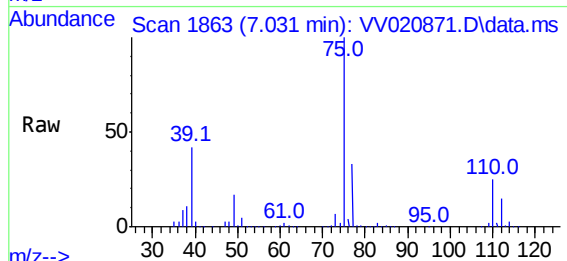




#39
 cis-1,3-Dichloropropene
 Concen: 51.72 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV020871.D
 Acq: 02 Apr 2021 11:22

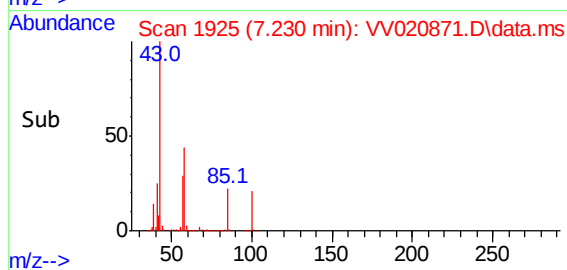
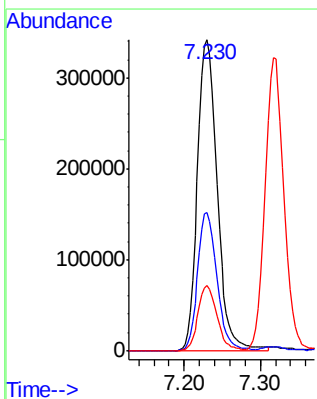
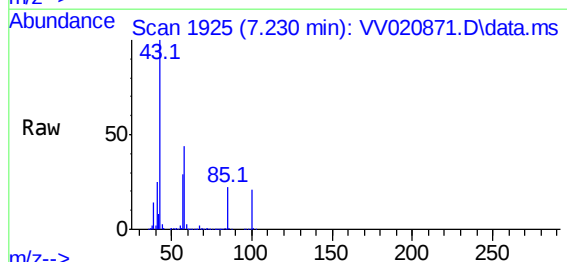
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

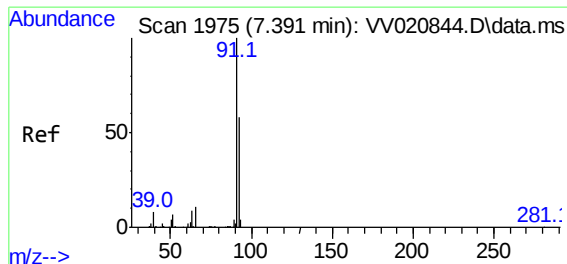
Tgt Ion: 75 Resp: 389964
 Ion Ratio Lower Upper
 75 100
 77 32.8 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 93.74 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: VV020871.D
 Acq: 02 Apr 2021 11:22

Tgt Ion: 43 Resp: 613918
 Ion Ratio Lower Upper
 43 100
 58 43.3 32.3 48.5
 100 20.0 13.0 19.4#

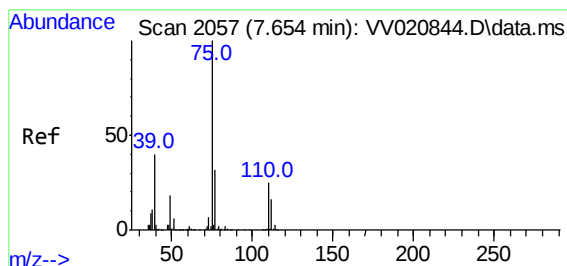
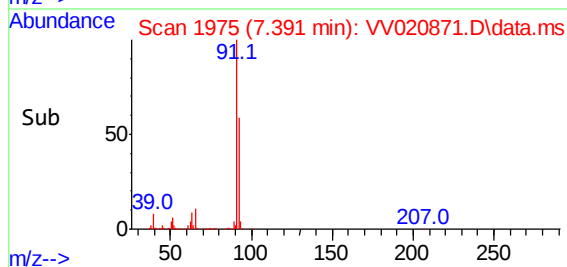
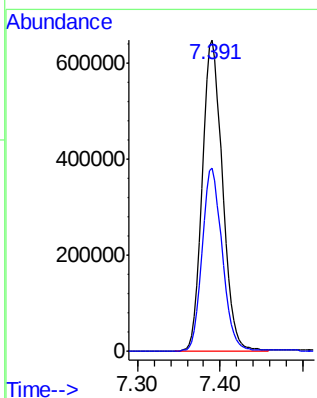
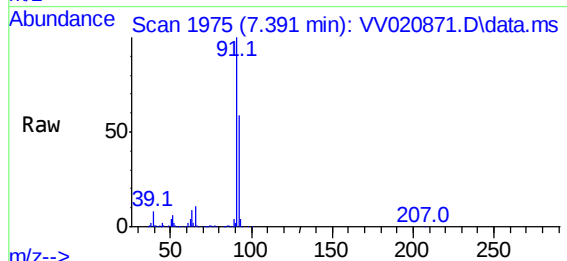




#42
Toluene
Concen: 53.96 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

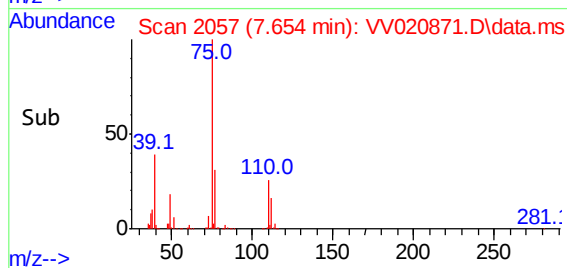
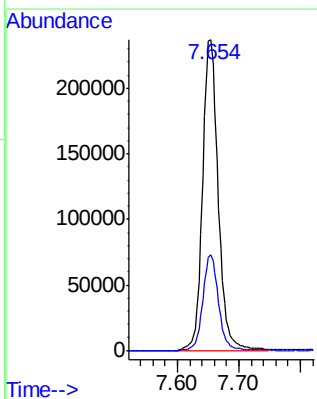
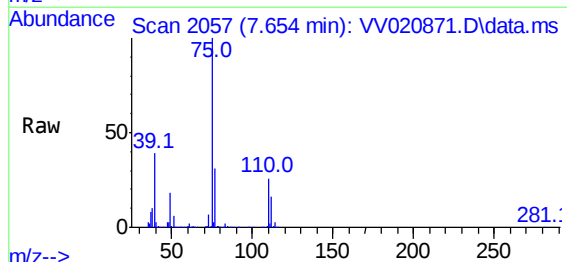
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

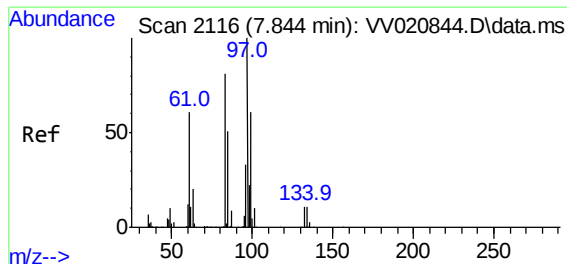
Tgt Ion: 91 Resp: 1092113
Ion Ratio Lower Upper
91 100
92 58.7 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 54.58 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 75 Resp: 414389
Ion Ratio Lower Upper
75 100
77 30.7 21.6 40.0



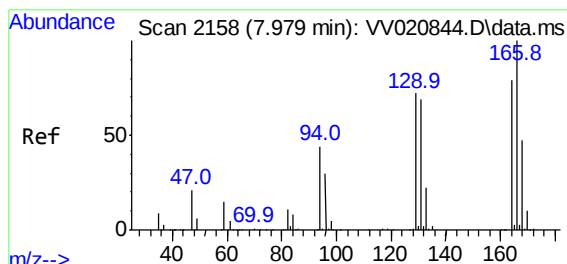
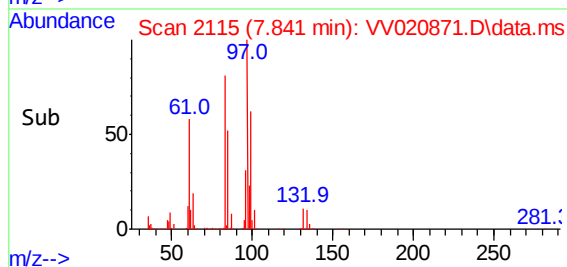
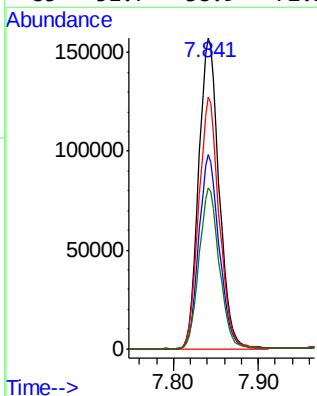
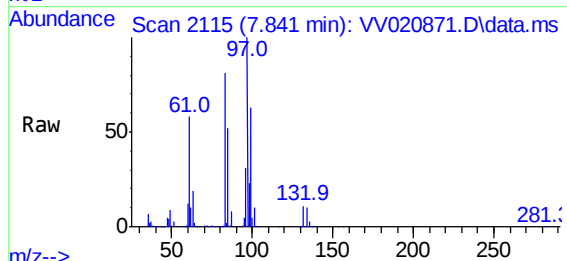


#45
1,1,2-Trichloroethane
Concen: 54.40 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

Tgt Ion: 97 Resp: 261354

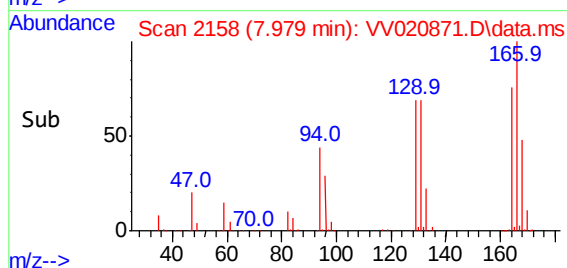
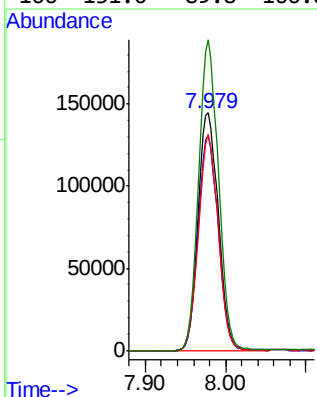
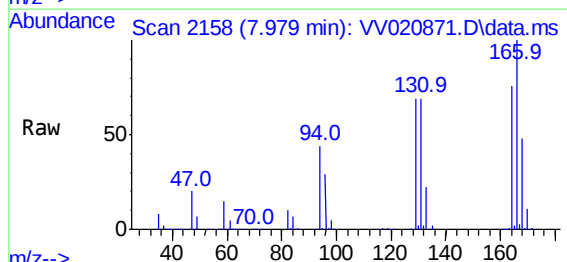
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.1	81.9
83	80.9	60.7	112.7
85	51.7	38.9	72.2

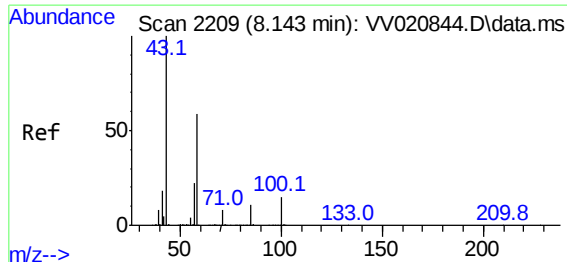


#46
Tetrachloroethene
Concen: 57.57 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 164 Resp: 245294

Ion	Ratio	Lower	Upper
164	100		
129	90.6	64.3	119.5
131	90.9	63.5	117.9
166	131.0	89.8	166.8

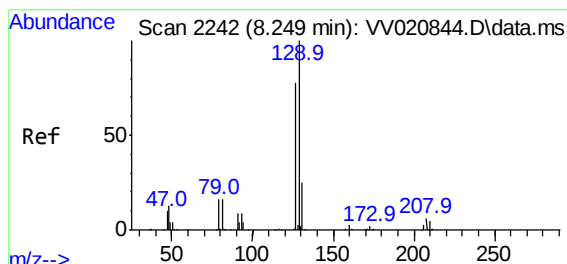
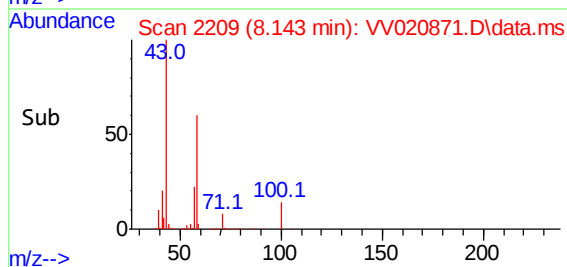
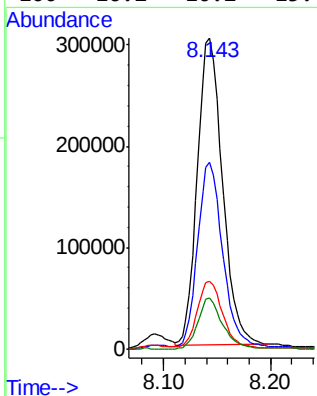
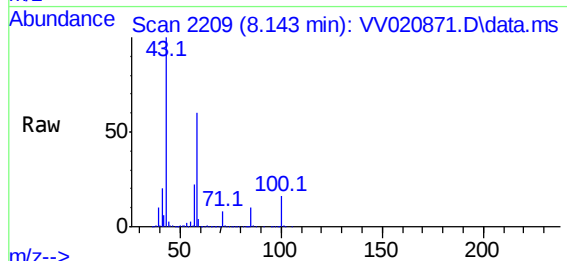




#48
2-Hexanone
Concen: 98.60 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

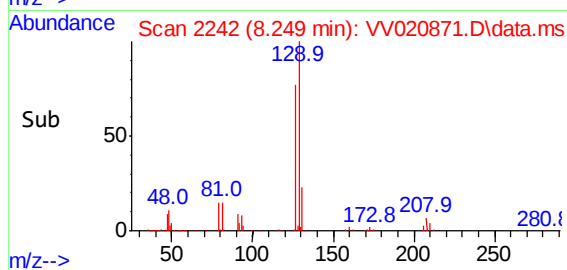
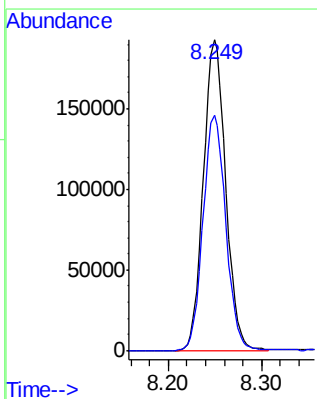
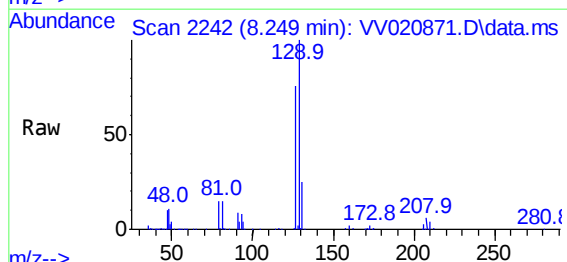
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

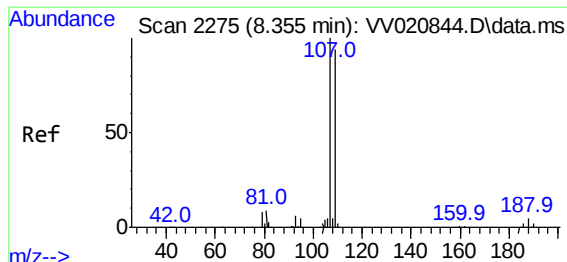
Tgt Ion: 43 Resp: 492918
Ion Ratio Lower Upper
43 100
58 61.5 45.8 68.8
57 22.2 15.4 23.2
100 16.2 10.2 15.4#



#49
Dibromochloromethane
Concen: 57.47 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 129 Resp: 321584
Ion Ratio Lower Upper
129 100
127 75.6 54.6 101.4

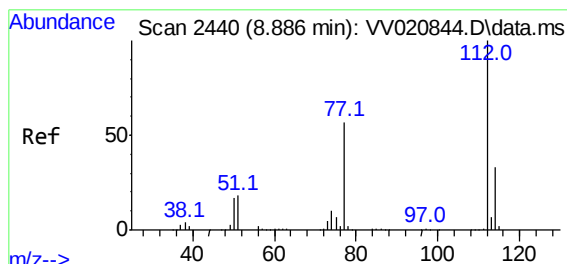
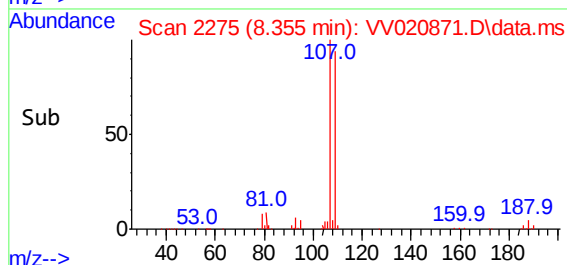
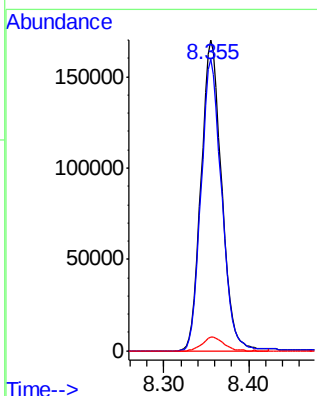
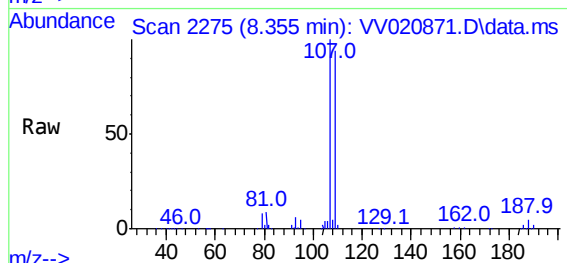




#50
1,2-Dibromoethane
Concen: 55.22 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

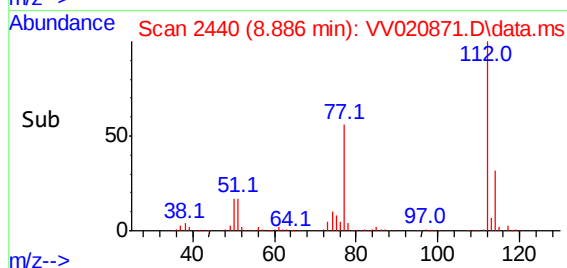
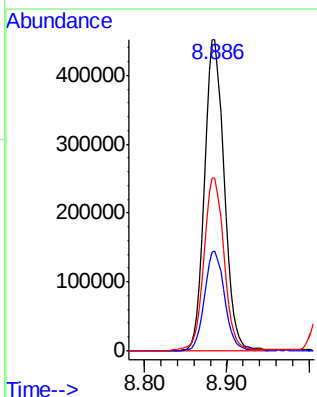
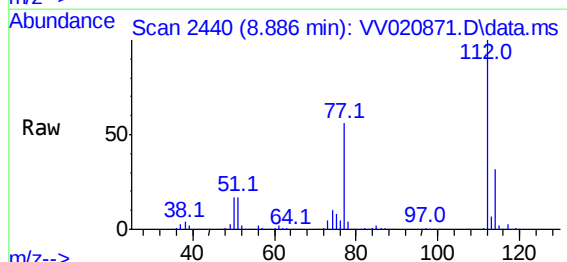
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

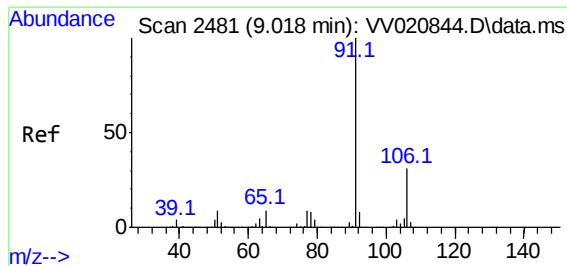
Tgt Ion:107 Resp: 284104
Ion Ratio Lower Upper
107 100
109 93.8 66.7 123.9
188 4.5 3.0 4.4#



#51
Chlorobenzene
Concen: 54.36 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion:112 Resp: 738585
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 55.7 46.7 70.1

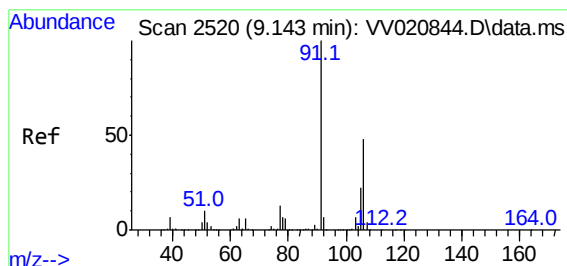
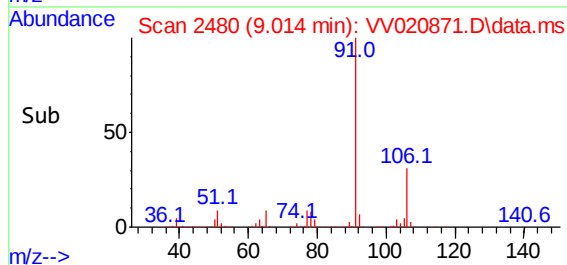
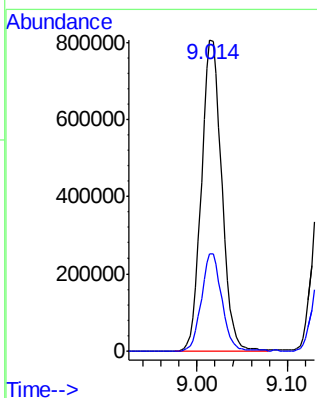
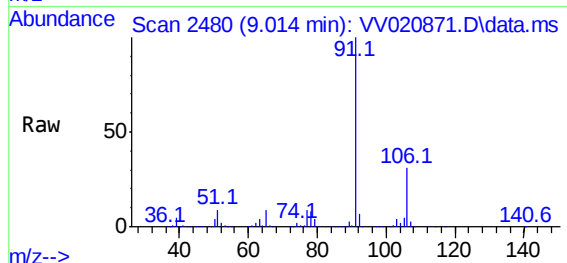




#52
Ethylbenzene
Concen: 54.01 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

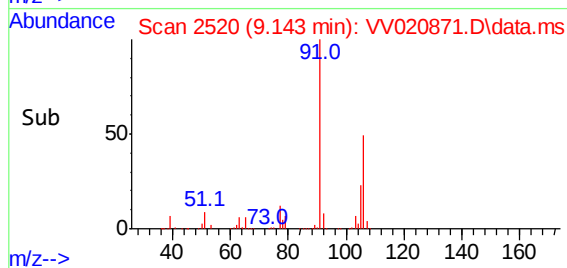
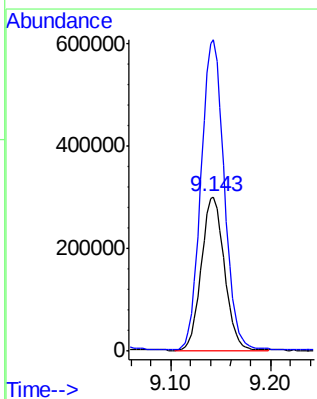
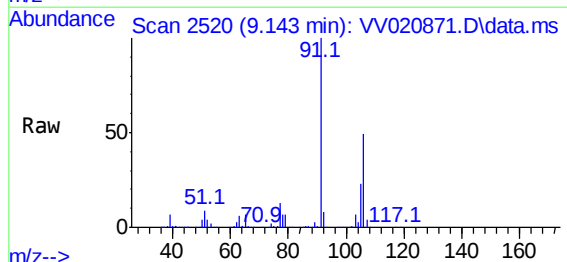
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

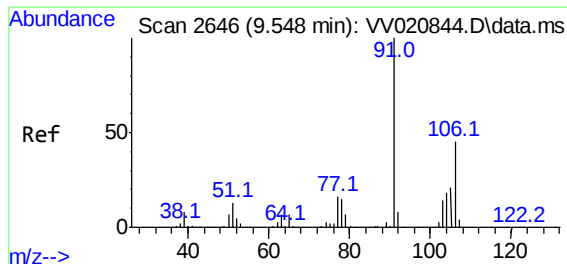
Tgt Ion: 91 Resp: 1247647
Ion Ratio Lower Upper
91 100
106 31.2 21.4 39.8



#53
m,p-Xylene
Concen: 55.97 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 106 Resp: 480842
Ion Ratio Lower Upper
106 100
91 202.4 145.7 270.7

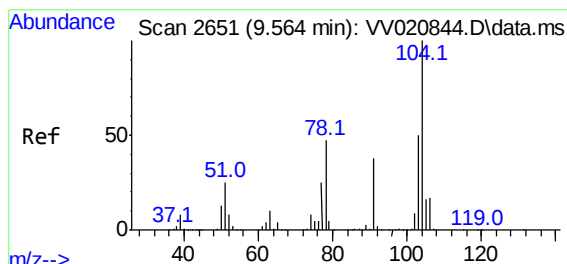
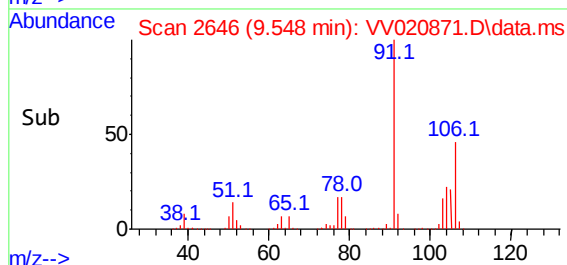
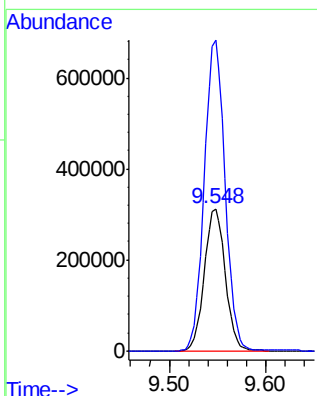
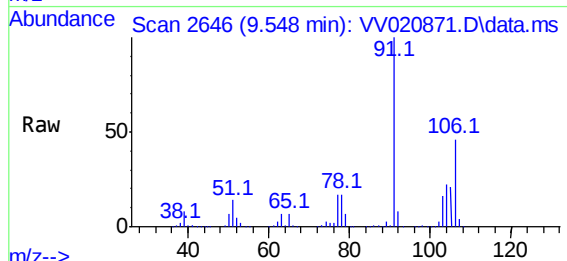




#54
o-xylene
Concen: 56.54 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

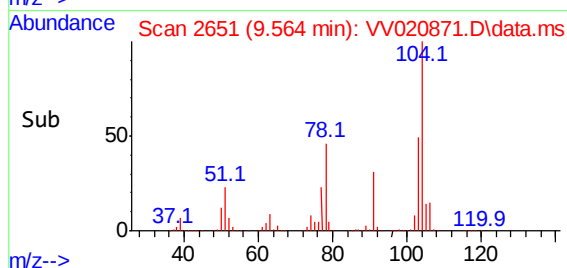
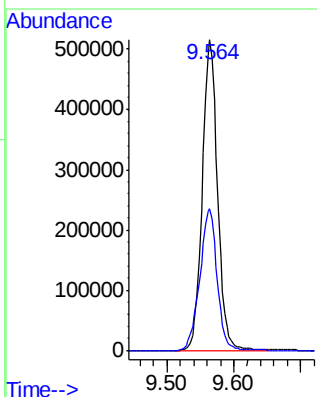
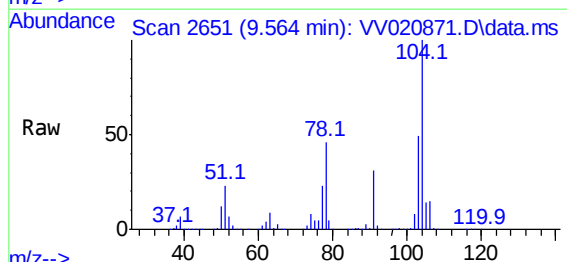
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

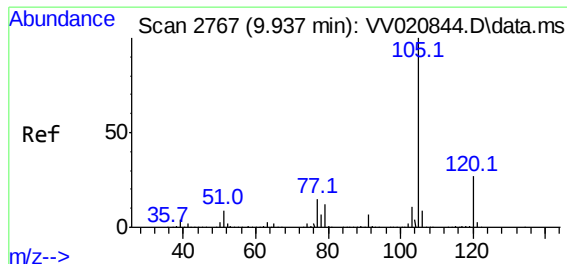
Tgt Ion:106 Resp: 468182
Ion Ratio Lower Upper
106 100
91 219.2 157.8 293.1



#55
Styrene
Concen: 56.16 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion:104 Resp: 817174
Ion Ratio Lower Upper
104 100
78 45.8 33.6 62.4

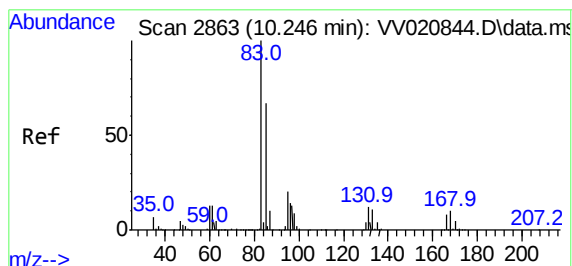
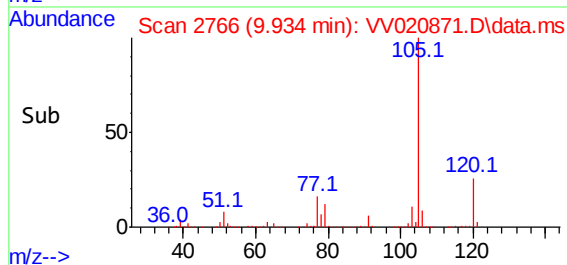
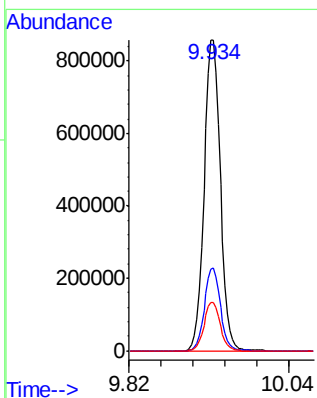
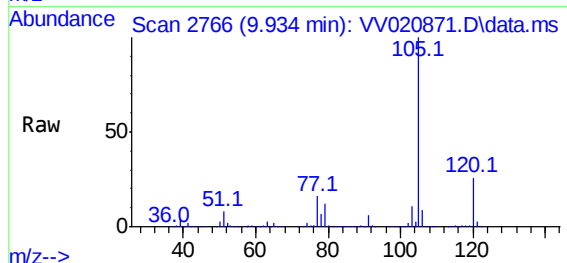




#56
Isopropylbenzene
Concen: 56.85 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

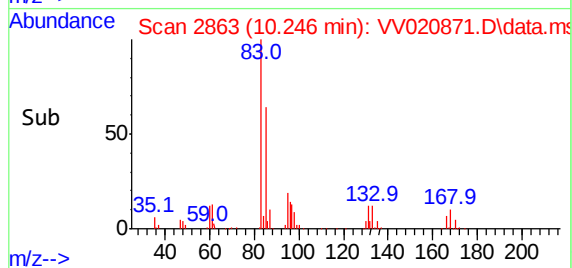
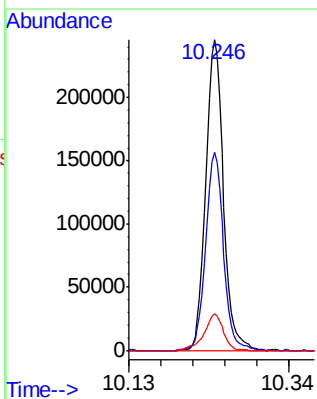
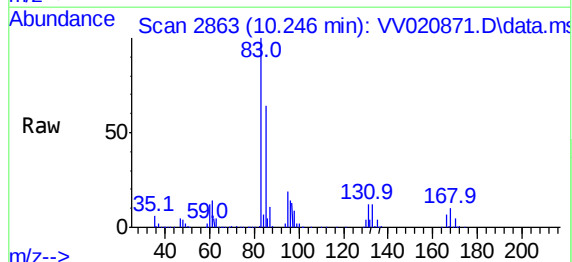
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

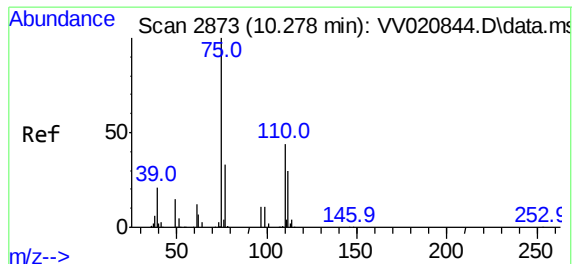
Tgt Ion:105 Resp: 1296498
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 15.6 12.9 19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 49.98 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 83 Resp: 391700
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 11.8 8.6 12.8

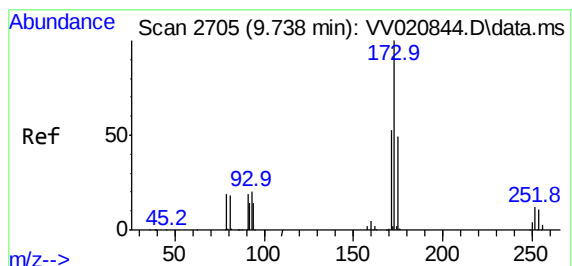
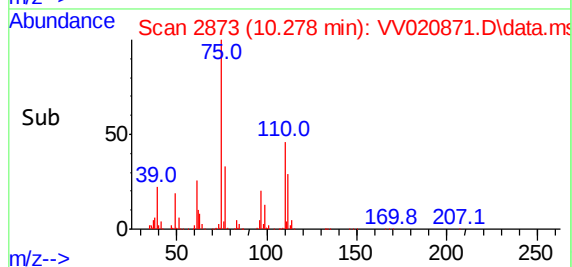
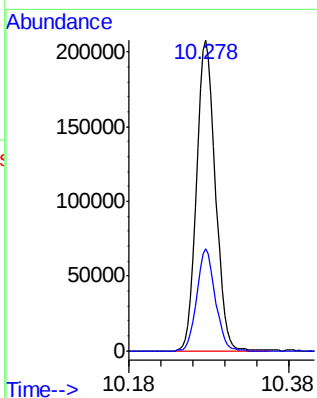
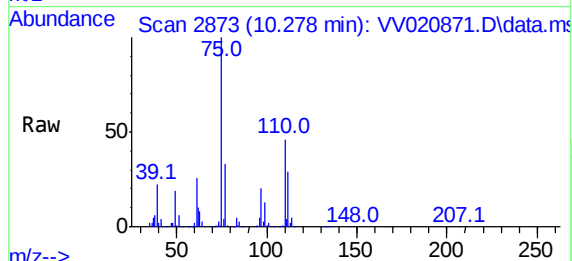




#59
1,2,3-Trichloropropane
Concen: 51.94 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

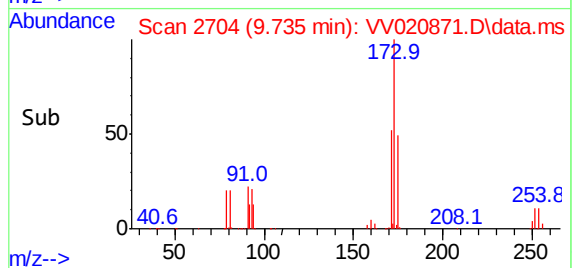
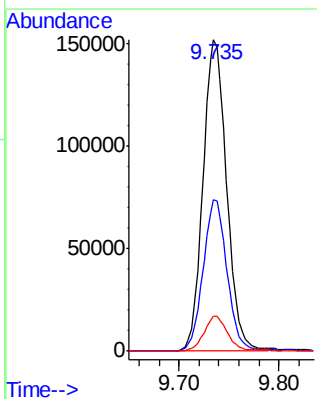
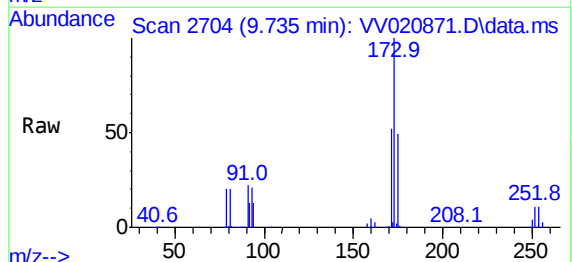
Instrument :
MSVOA_V
ClientSampled :
VSTD05070

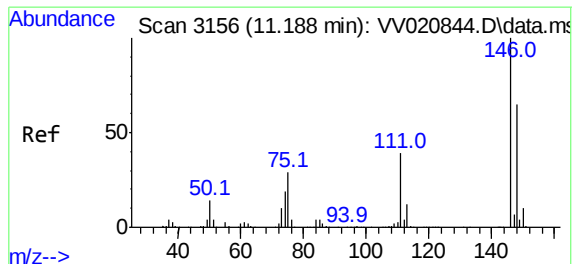
Tgt Ion: 75 Resp: 331244
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#61
Bromoform
Concen: 54.66 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 173 Resp: 248377
Ion Ratio Lower Upper
173 100
175 48.9 38.4 57.6
254 10.6 8.5 12.7

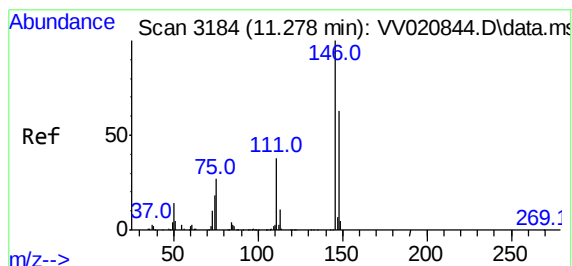
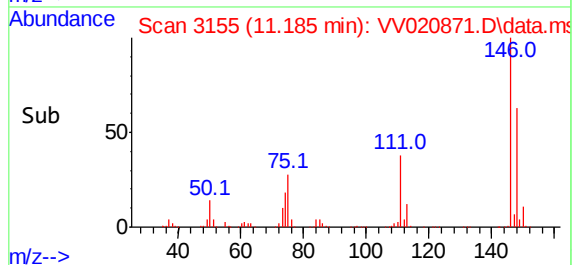
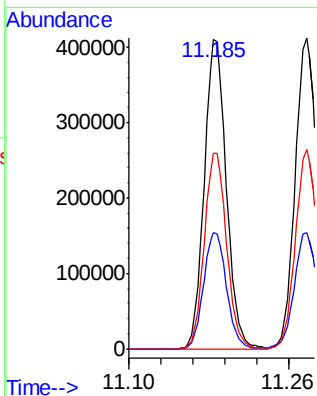
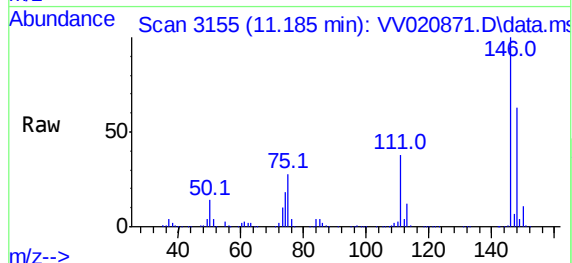




#62
1,3-Dichlorobenzene
Concen: 51.60 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

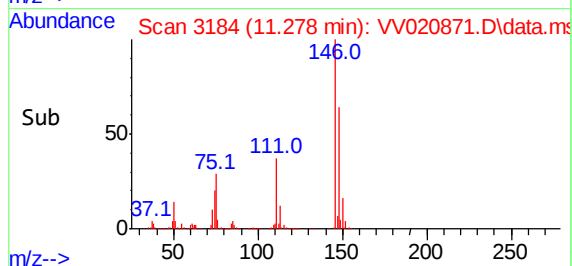
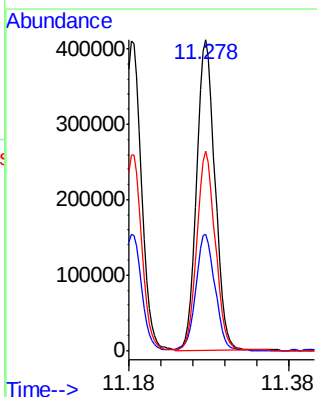
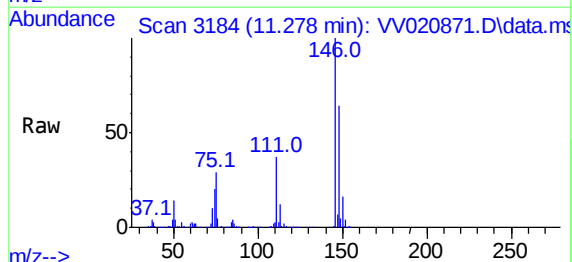
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

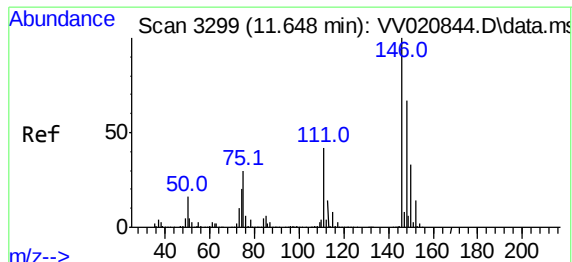
Tgt Ion:146 Resp: 630260
Ion Ratio Lower Upper
146 100
111 37.6 27.4 51.0
148 63.0 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 50.12 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion:146 Resp: 636683
Ion Ratio Lower Upper
146 100
111 37.4 26.0 48.4
148 64.3 44.1 81.9

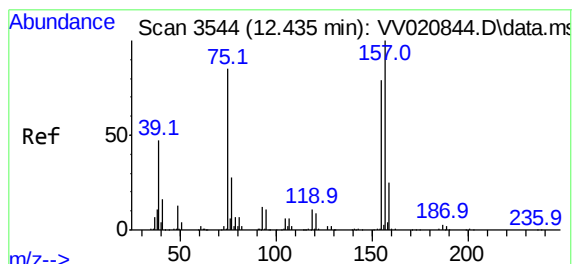
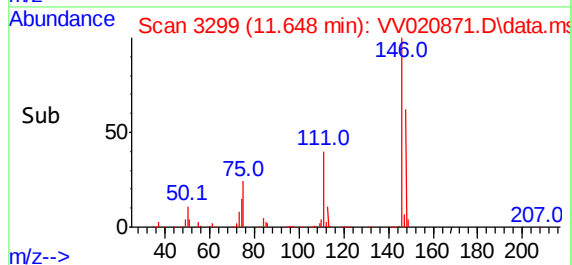
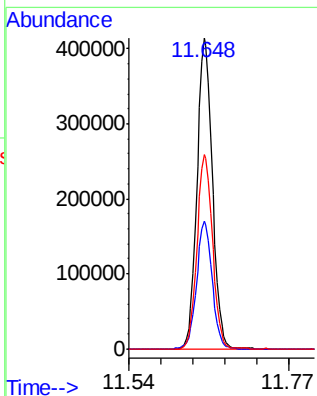
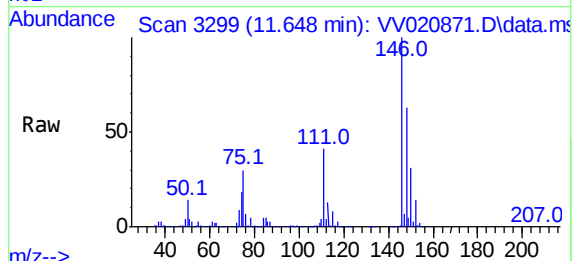




#65
1,2-Dichlorobenzene
Concen: 53.31 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

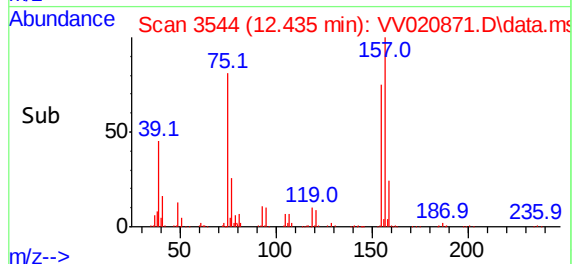
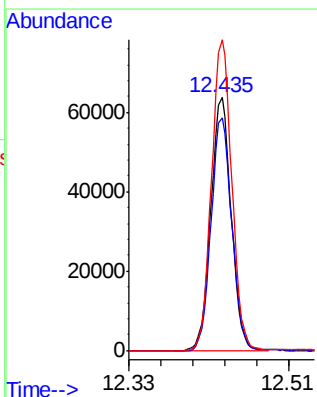
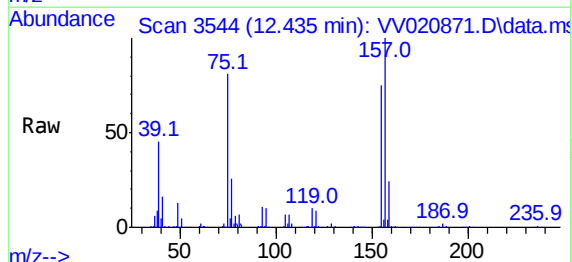
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

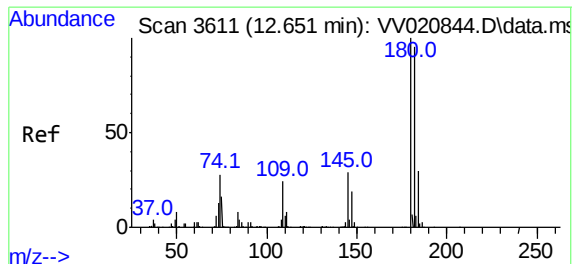
Tgt Ion:146 Resp: 641729
Ion Ratio Lower Upper
146 100
111 41.1 34.1 51.1
148 62.6 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 48.86 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion: 75 Resp: 99444
Ion Ratio Lower Upper
75 100
155 91.8 65.3 97.9
157 122.8 85.8 128.6

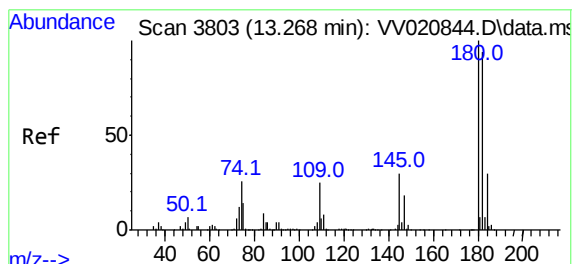
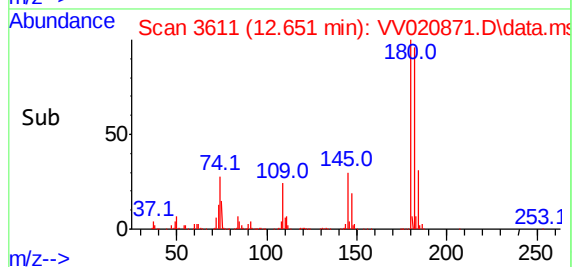
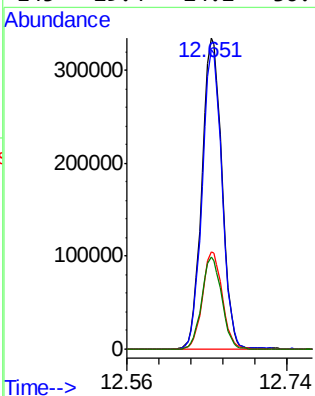
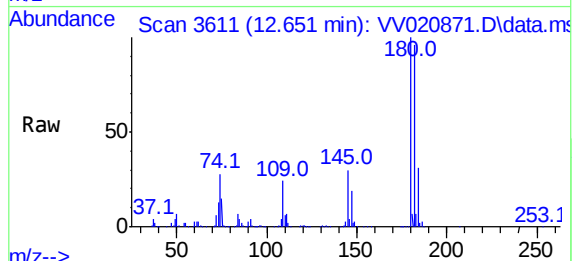




#67
1,3,5-Trichlorobenzene
Concen: 53.65 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

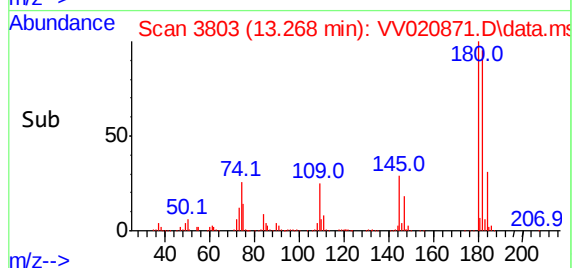
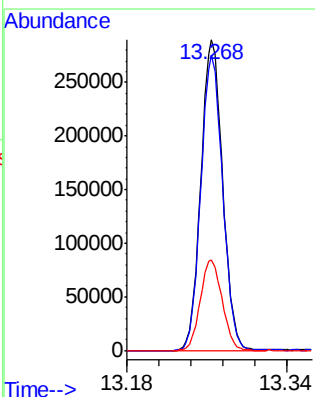
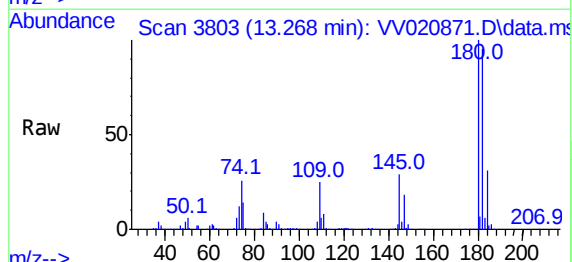
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

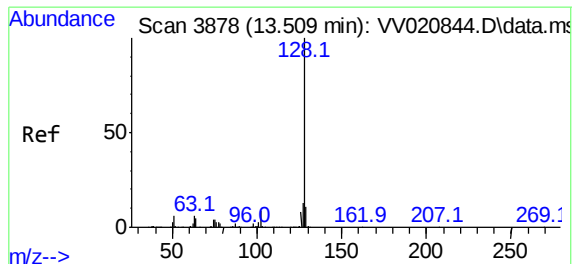
Tgt Ion:	180	Resp:	507980
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.3	114.5
184	30.8	24.5	36.7
145	29.4	24.2	36.4



#68
1,2,4-trichlorobenzene
Concen: 54.41 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion:	180	Resp:	436773
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	29.3	23.9	35.9

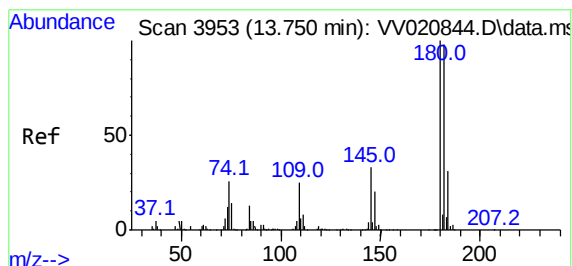
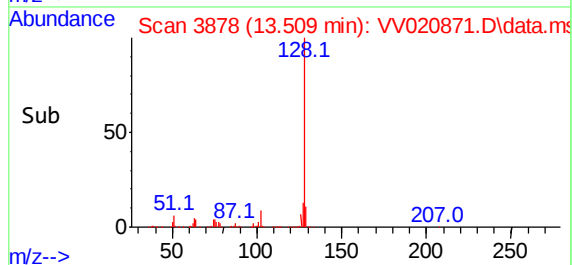
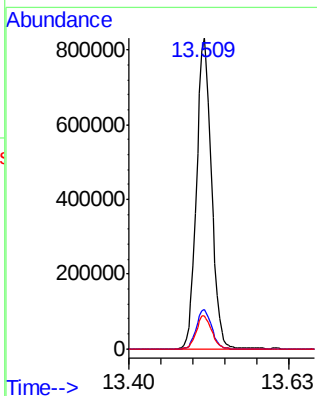
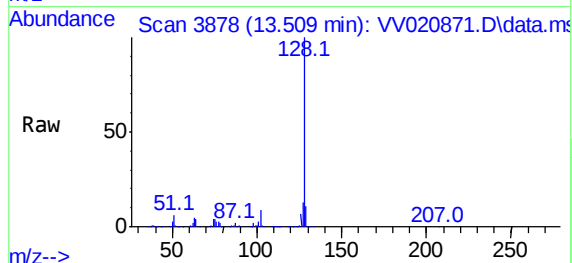




#69
Naphthalene
Concen: 54.70 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

Tgt Ion:128 Resp: 1256869
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 55.56 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020871.D
Acq: 02 Apr 2021 11:22

Tgt Ion:180 Resp: 446680
Ion Ratio Lower Upper
180 100
182 94.6 75.2 112.8
145 31.0 25.5 38.3

