

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032321\
 Data File : VW020717.D
 Acq On : 23 Mar 2021 17:51
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Mar 24 04:35:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 04:32:38 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.619	114	744338	50.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	738242	50.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	408484	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.310	65	259028	44.36 ug/L	0.00
7) Chloroethane-d5	1.571	69	198393	42.90 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	499817	44.92 ug/L	0.00
21) 2-Butanone-d5	3.899	46	354326	95.11 ug/L	0.00
24) Chloroform-d	4.352	84	531171	50.95 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	347640	50.73 ug/L	0.00
32) Benzene-d6	5.053	84	987719	49.06 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	298547	46.87 ug/L	0.00
41) Toluene-d8	7.320	98	937297	51.77 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	164135	53.74 ug/L	0.00
47) 2-Hexanone-d5	8.092	63	264911	108.92 ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	433317	52.83 ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	394205	49.64 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.130	85	352270	55.72 ug/L	100
3) Chloromethane	1.243	50	285920	42.18 ug/L	100
5) Vinyl chloride	1.314	62	288388	42.09 ug/L	100
6) Bromomethane	1.526	94	185603	45.31 ug/L	100
8) Chloroethane	1.587	64	170984	41.50 ug/L	100
9) Trichlorofluoromethane	1.757	101	506739	52.62 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	240001	47.12 ug/L	100
12) 1,1-Dichloroethene	2.121	96	223815	45.57 ug/L	100
13) Acetone	2.195	43	238978	79.80 ug/L	100
14) Carbon disulfide	2.298	76	738184	48.70 ug/L	100
15) Methyl Acetate	2.439	43	264616	46.02 ug/L	100
16) Methylene chloride	2.510	84	266084	46.60 ug/L	100
17) trans-1,2-Dichloroethene	2.764	96	259753	48.91 ug/L	100
18) Methyl tert-butyl Ether	2.770	73	810632	49.99 ug/L	100
19) 1,1-Dichloroethane	3.195	63	482321	47.87 ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	278735	50.84 ug/L	100
22) 2-Butanone	3.982	43	376315	90.11 ug/L	100
23) Bromochloromethane	4.249	128	147920	53.16 ug/L	100
25) Chloroform	4.381	83	512231	48.43 ug/L	100
27) 1,2-Dichloroethane	5.133	62	423503	50.25 ug/L	100
29) Cyclohexane	4.683	56	434627	48.87 ug/L	100
30) 1,1,1-Trichloroethane	4.613	97	476228	52.84 ug/L	100
31) Carbon tetrachloride	4.831	117	420566	56.54 ug/L	100
33) Benzene	5.101	78	1076571	49.07 ug/L	100
34) Trichloroethene	5.918	95	289210	47.06 ug/L	100
35) Methylcyclohexane	6.133	83	449853	52.07 ug/L	100
37) 1,2-Dichloropropane	6.178	63	277574	48.42 ug/L	100
38) Bromodichloromethane	6.513	83	390800	50.91 ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	435108	50.73 ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	756808	90.41 ug/L	100
42) Toluene	7.391	91	1183270	51.25 ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	453430	53.30 ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	272084	50.73 ug/L	100

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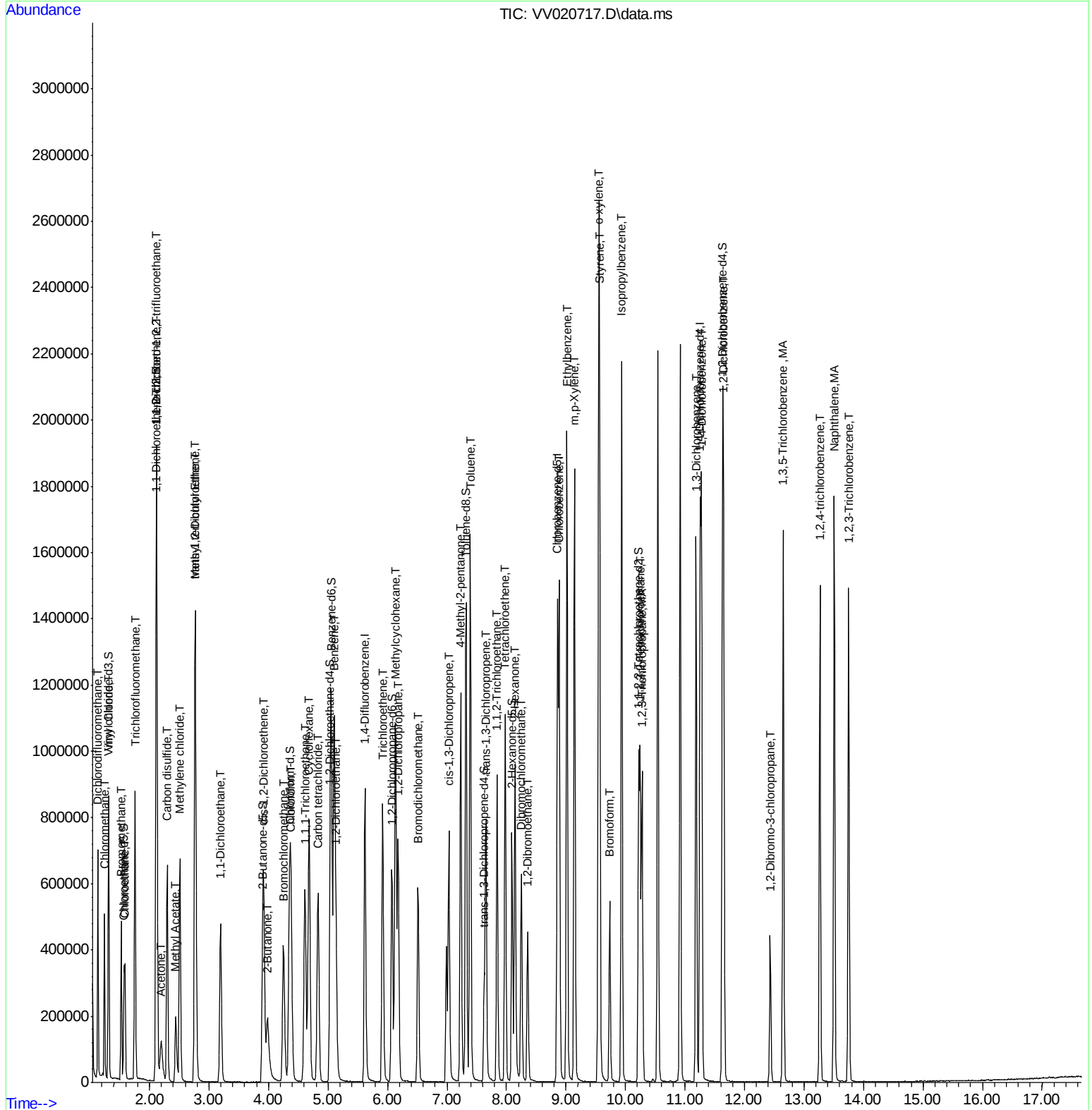
Instrument :
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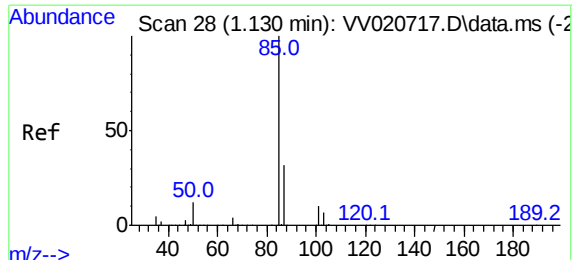
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.979	164	240711	57.77	ug/L	100
48) 2-Hexanone	8.143	43	584001	89.21	ug/L	100
49) Dibromochloromethane	8.249	129	314939	54.88	ug/L	100
50) 1,2-Dibromoethane	8.355	107	293286	50.46	ug/L	100
51) Chlorobenzene	8.886	112	764707	50.69	ug/L	100
52) Ethylbenzene	9.014	91	1334414	51.08	ug/L	100
53) m,p-Xylene	9.143	106	502414	52.14	ug/L	100
54) o-xylene	9.548	106	484833	52.07	ug/L	100
55) Styrene	9.564	104	868903	53.43	ug/L	100
56) Isopropylbenzene	9.934	105	1343890	53.23	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	448881	54.83	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	364874	49.88	ug/L	100
61) Bromoform	9.735	173	238080	57.01	ug/L	100
62) 1,3-Dichlorobenzene	11.185	146	644681	49.84	ug/L	100
63) 1,4-Dichlorobenzene	11.278	146	665388	49.13	ug/L	100
65) 1,2-Dichlorobenzene	11.648	146	638354	49.42	ug/L	100
66) 1,2-Dibromo-3-chloropr...	12.432	75	110064	55.13	ug/L	100
67) 1,3,5-Trichlorobenzene	12.651	180	496961	52.90	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	445953	54.52	ug/L	100
69) Naphthalene	13.509	128	1328177	51.14	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	443946	54.80	ug/L	100

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

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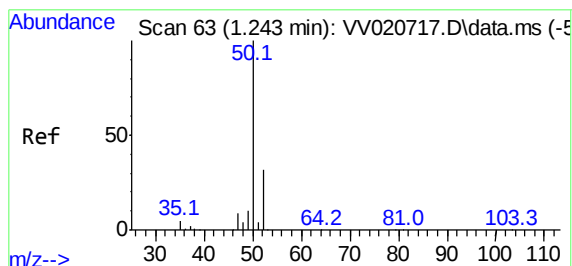
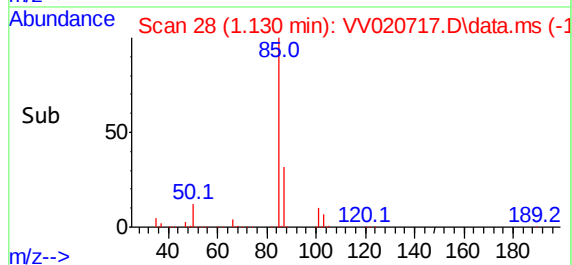
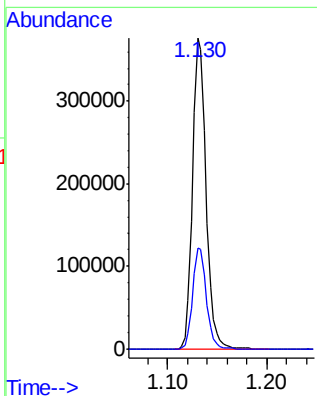
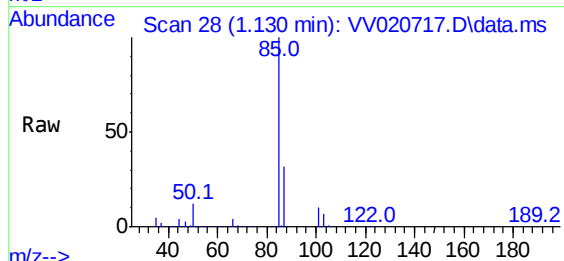


#2

Dichlorodifluoromethane
 Concen: 55.72 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020717.D
 Acq: 23 Mar 2021 17:51

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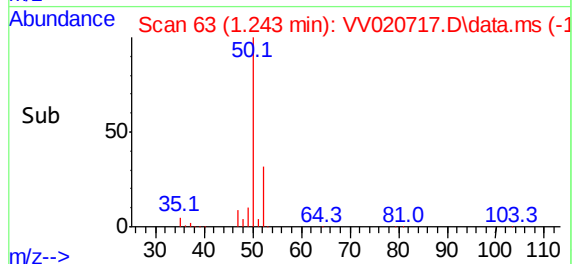
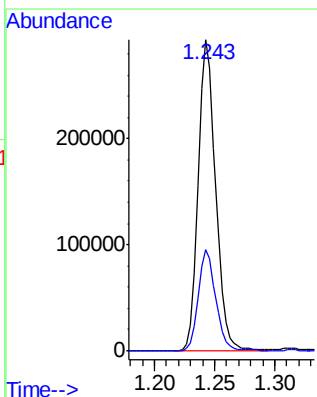
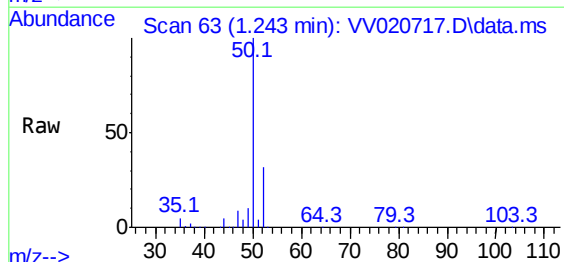
Tgt Ion: 85 Resp: 352270
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.3 39.5

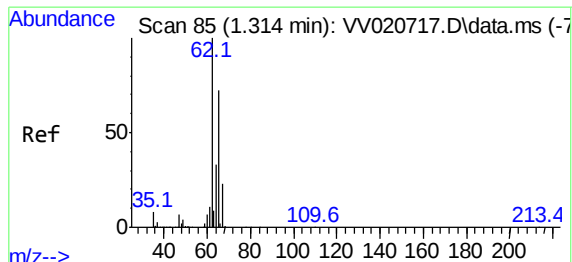


#3

Chloromethane
 Concen: 42.18 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020717.D
 Acq: 23 Mar 2021 17:51

Tgt Ion: 50 Resp: 285920
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1



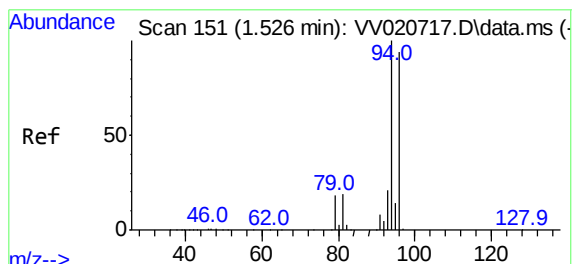
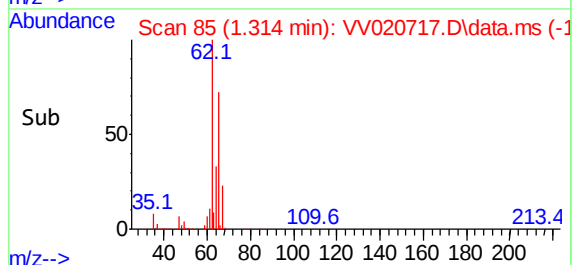
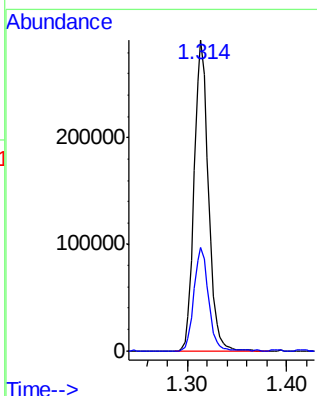
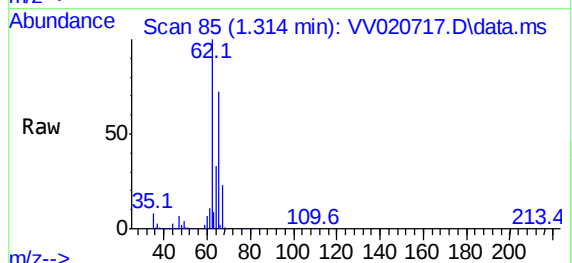


#5
 Vinyl chloride
 Concen: 42.09 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020717.D
 Acq: 23 Mar 2021 17:51

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 62 Resp: 288388

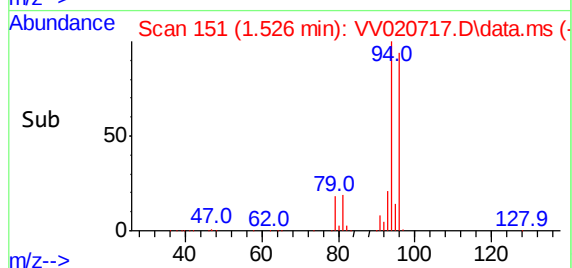
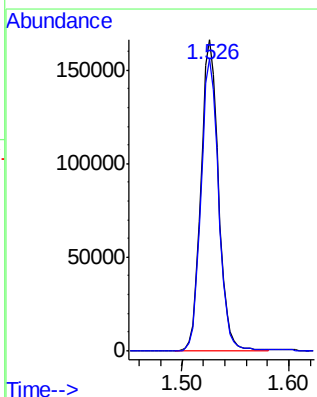
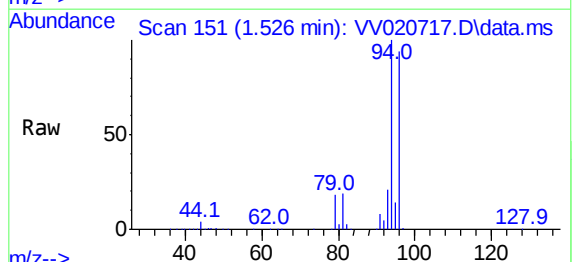
Ion	Ratio	Lower	Upper
62	100		
64	33.3	23.3	43.3

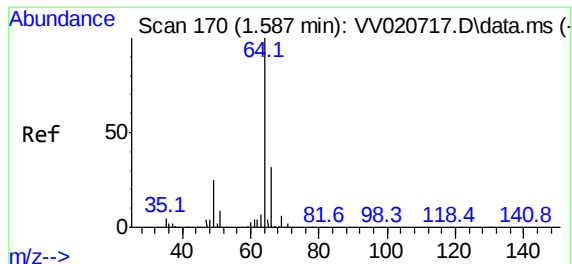


#6
 Bromomethane
 Concen: 45.31 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV020717.D
 Acq: 23 Mar 2021 17:51

Tgt Ion: 94 Resp: 185603

Ion	Ratio	Lower	Upper
94	100		
96	93.7	65.6	121.8

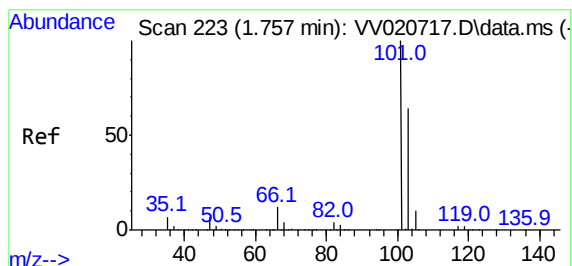
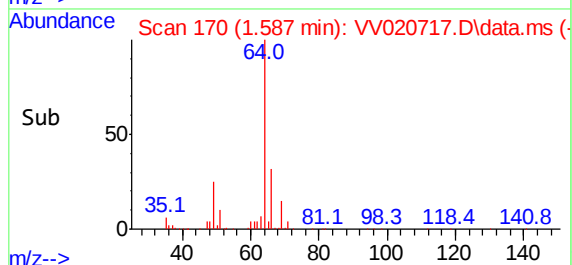
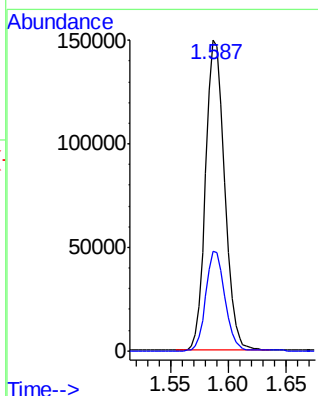
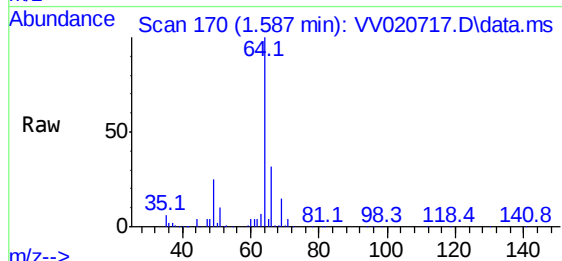




#8
Chloroethane
Concen: 41.50 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

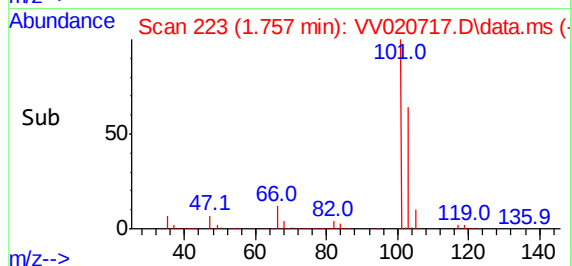
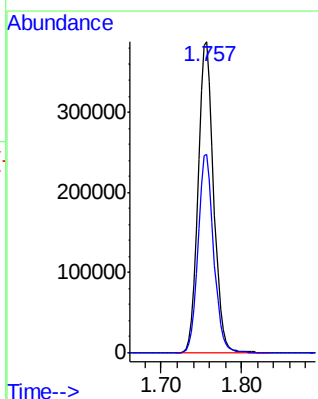
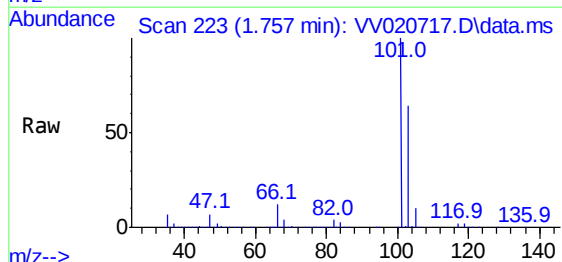
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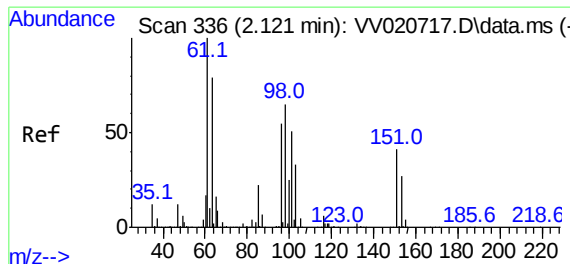
Tgt Ion: 64 Resp: 170984
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 52.62 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 101 Resp: 506739
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

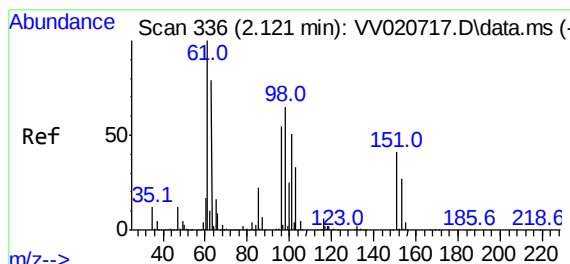
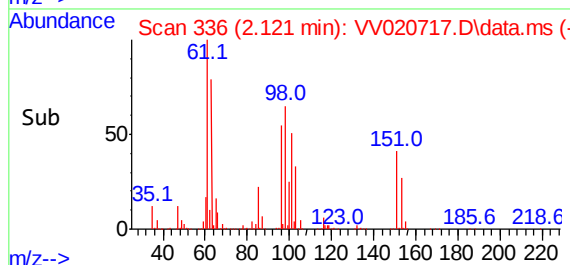
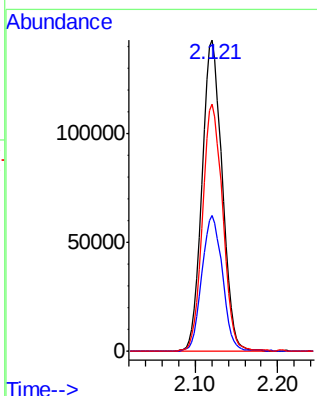
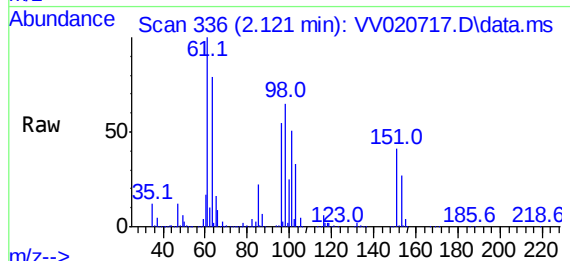




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.12 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020717.D
 Acq: 23 Mar 2021 17:51

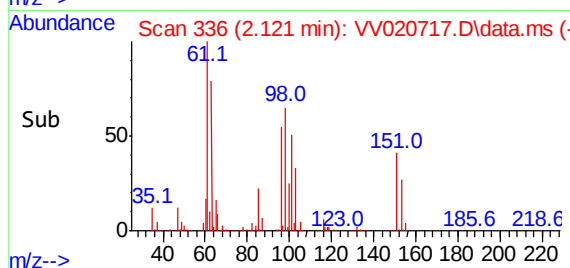
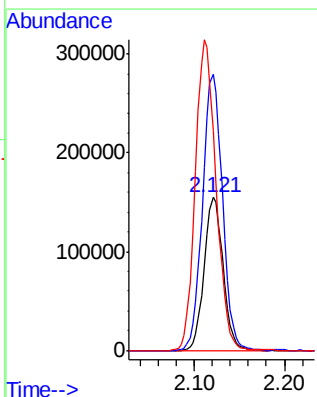
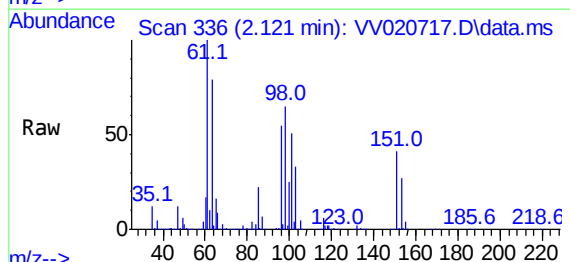
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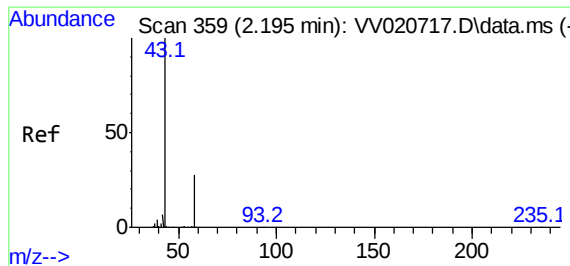
Tgt Ion:101 Resp: 240001
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.4 53.0
 151 79.4 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 45.57 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020717.D
 Acq: 23 Mar 2021 17:51

Tgt Ion: 96 Resp: 223815
 Ion Ratio Lower Upper
 96 100
 61 180.5 126.3 234.6
 63 143.2 100.2 186.2

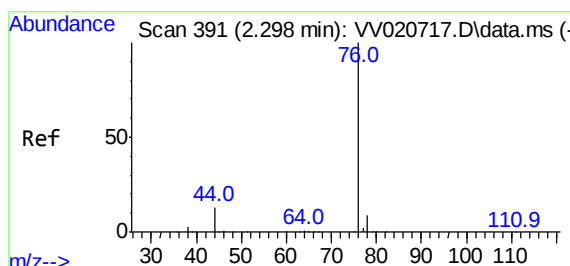
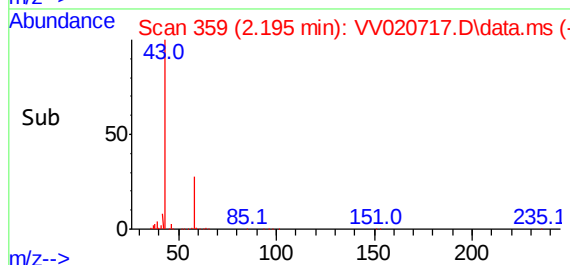
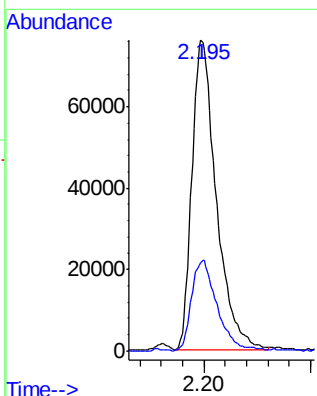
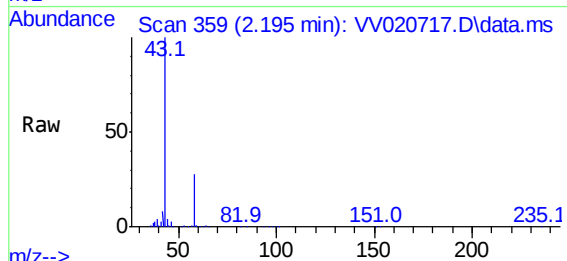




#13
Acetone
Concen: 79.80 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

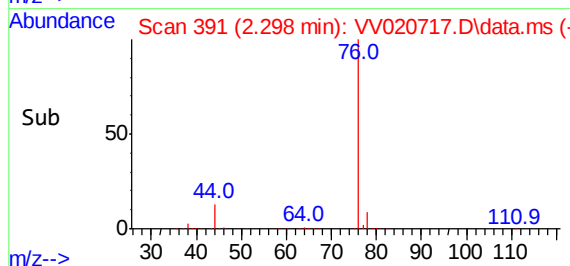
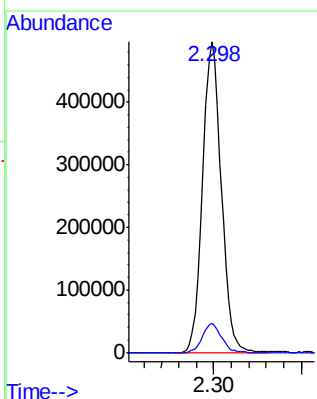
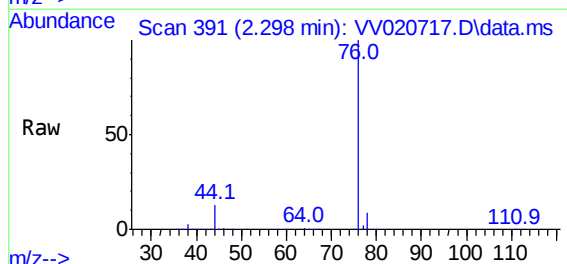
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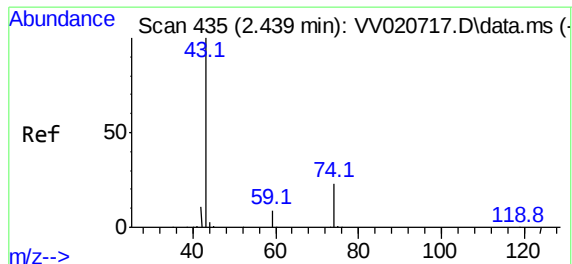
Tgt Ion: 43 Resp: 238978
Ion Ratio Lower Upper
43 100
58 30.4 0.0 60.8



#14
Carbon disulfide
Concen: 48.70 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 76 Resp: 738184
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

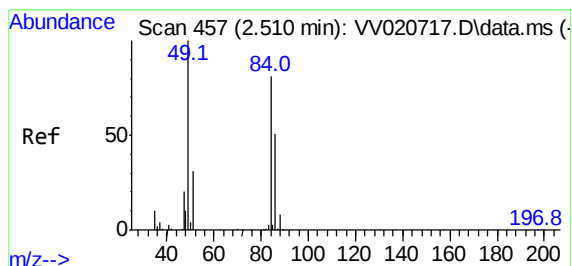
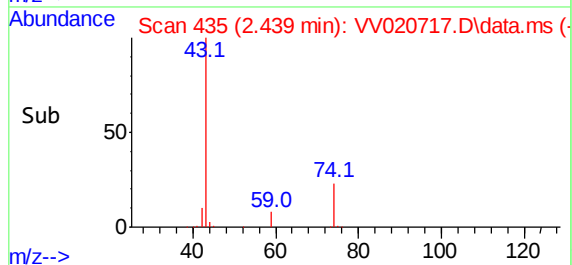
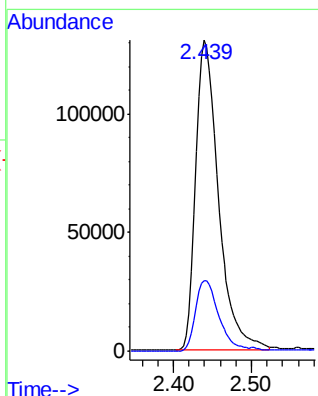
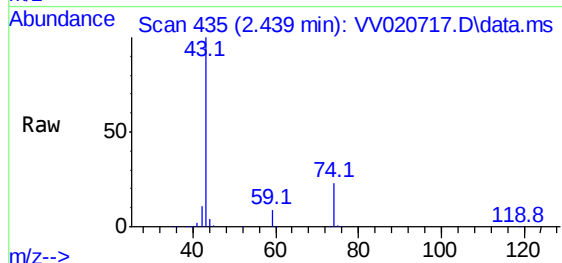




#15
Methyl Acetate
Concen: 46.02 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

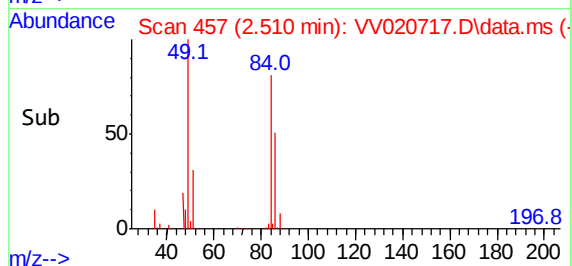
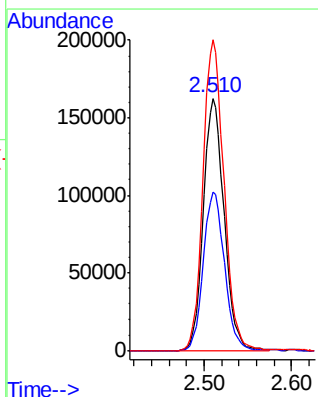
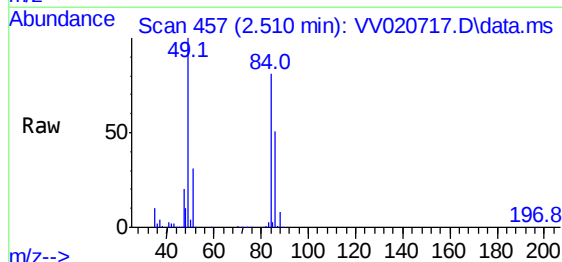
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ClientSampleId :
VSTD05066

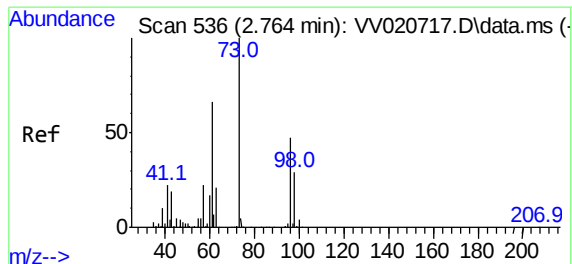
Tgt Ion: 43 Resp: 264616
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6



#16
Methylene chloride
Concen: 46.60 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 84 Resp: 266084
Ion Ratio Lower Upper
84 100
86 62.7 43.9 81.5
49 123.3 86.3 160.3

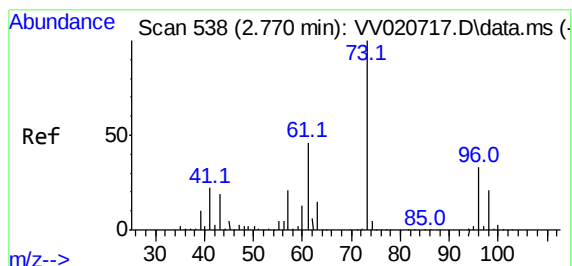
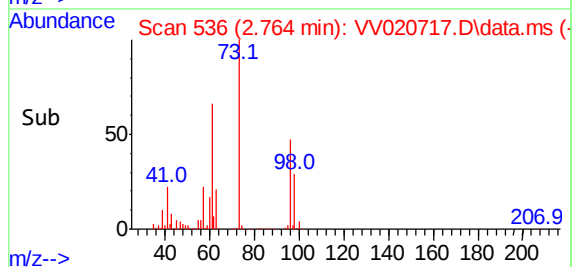
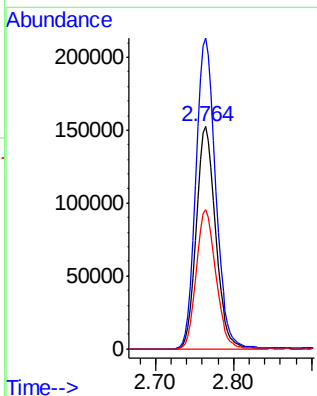
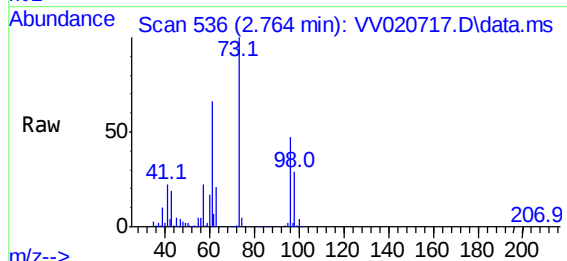




#17
trans-1,2-Dichloroethene
Concen: 48.91 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

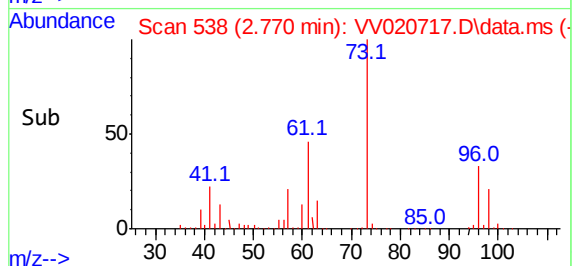
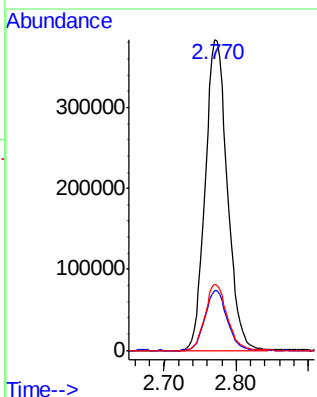
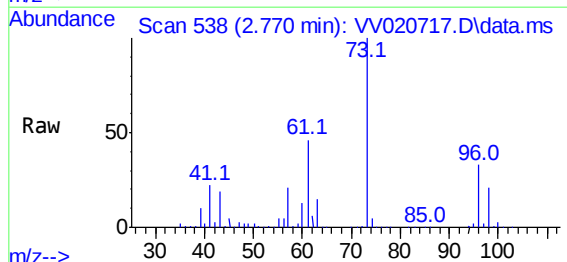
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

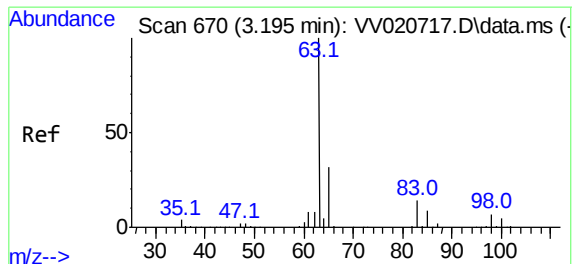
Tgt Ion: 96 Resp: 259753
Ion Ratio Lower Upper
96 100
61 139.9 97.9 181.9
98 62.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 49.99 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 73 Resp: 810632
Ion Ratio Lower Upper
73 100
43 19.2 15.4 23.0
57 21.3 17.0 25.6

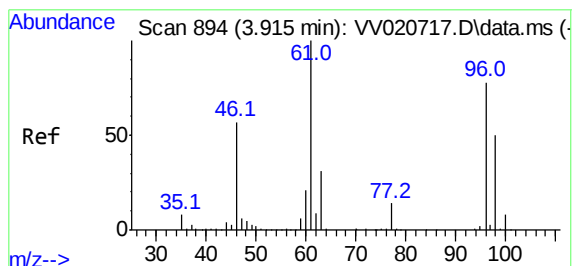
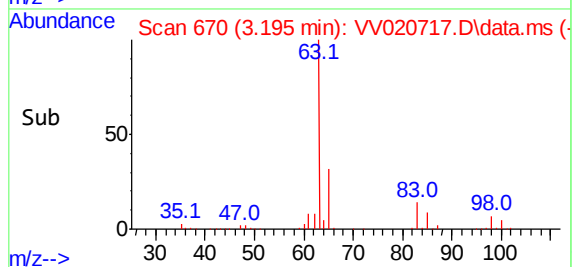
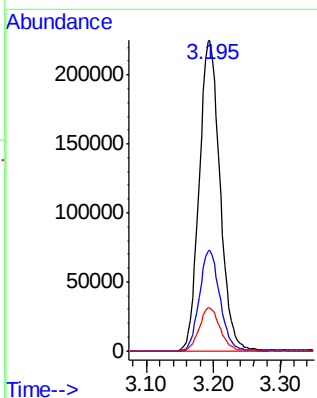
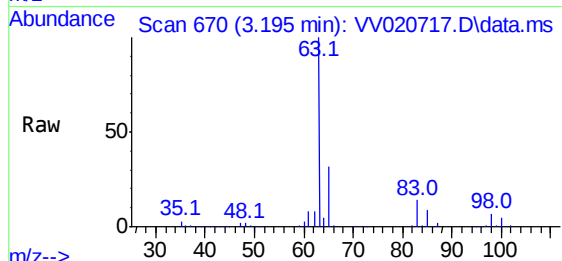




#19
1,1-Dichloroethane
Concen: 47.87 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

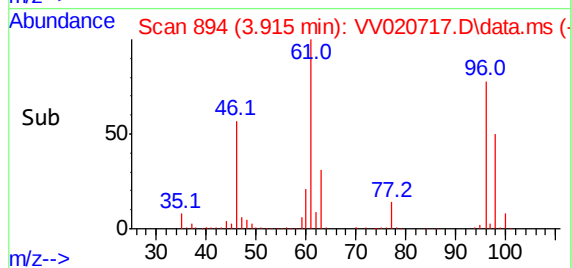
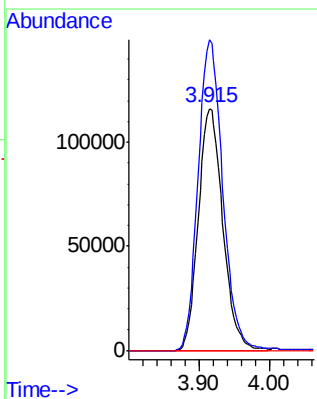
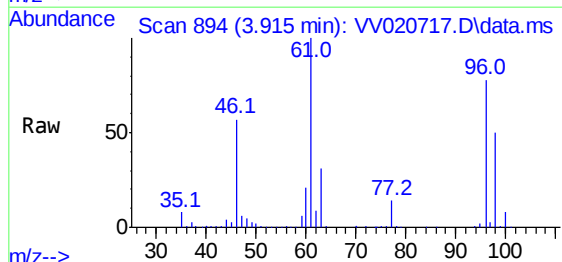
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

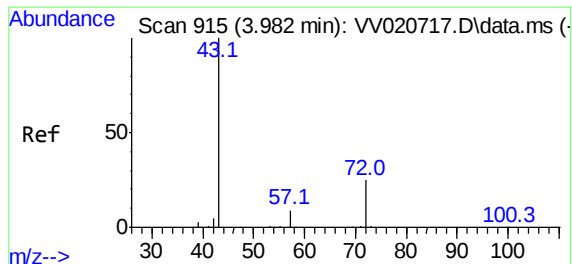
Tgt Ion: 63 Resp: 482321
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.9
83 13.8 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 50.84 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 96 Resp: 278735
Ion Ratio Lower Upper
96 100
61 128.5 89.9 167.0
68 0.0 0.0 0.0

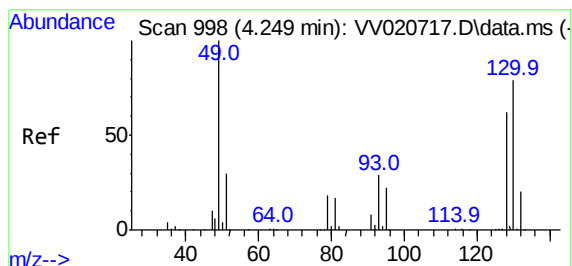
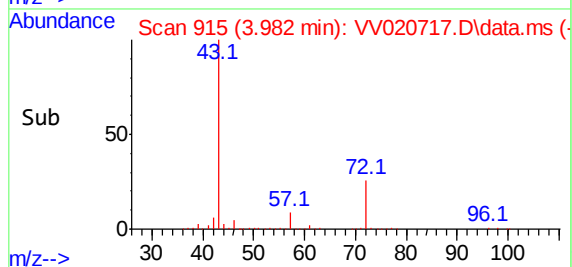
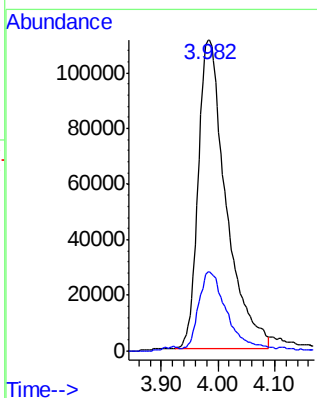
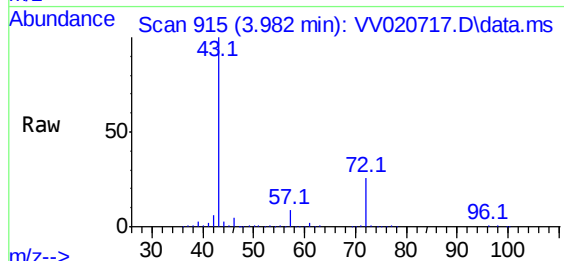




#22
2-Butanone
Concen: 90.11 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

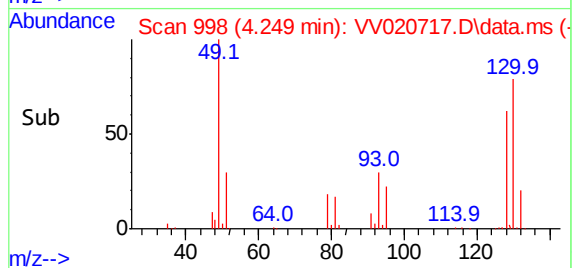
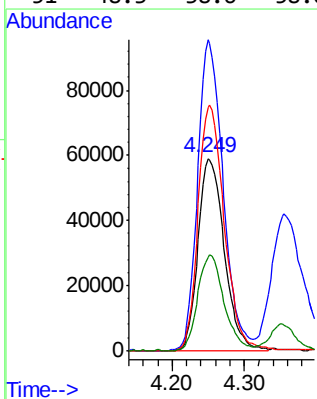
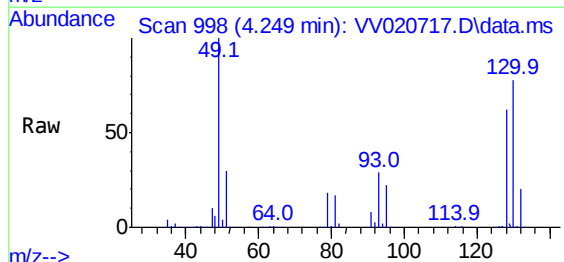
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

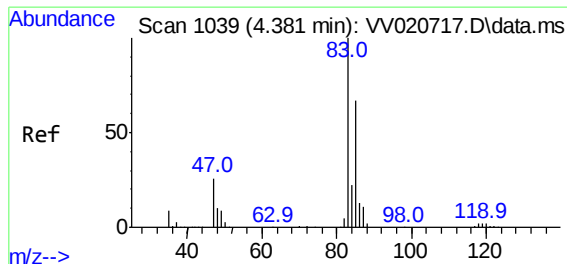
Tgt Ion: 43 Resp: 376315
Ion Ratio Lower Upper
43 100
72 23.9 11.9 35.9



#23
Bromochloromethane
Concen: 53.16 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 128 Resp: 147920
Ion Ratio Lower Upper
128 100
49 161.8 113.3 210.3
130 126.7 88.7 164.7
51 48.3 38.6 58.0

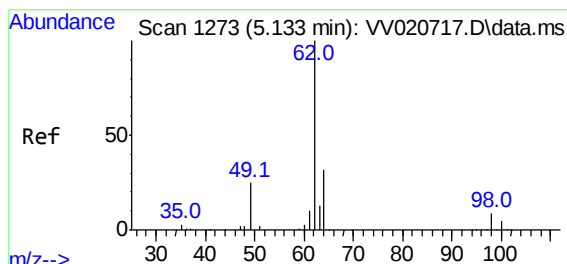
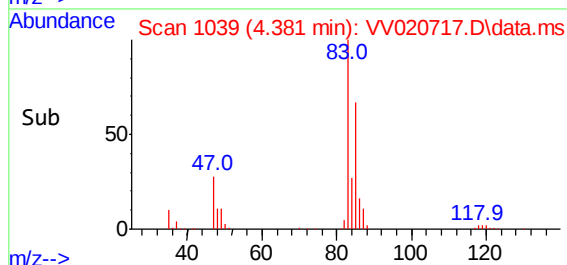
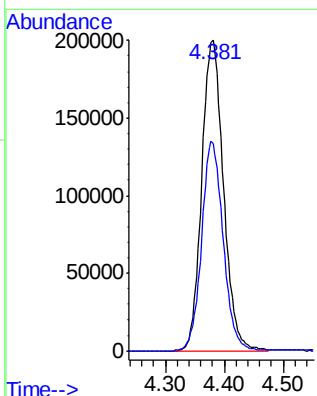
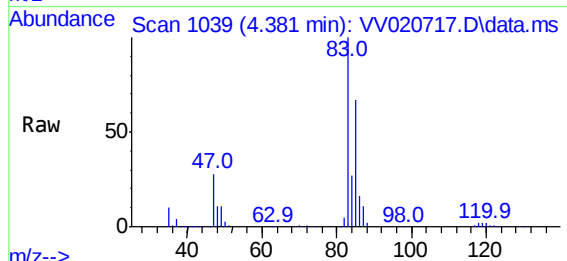




#25
Chloroform
Concen: 48.43 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

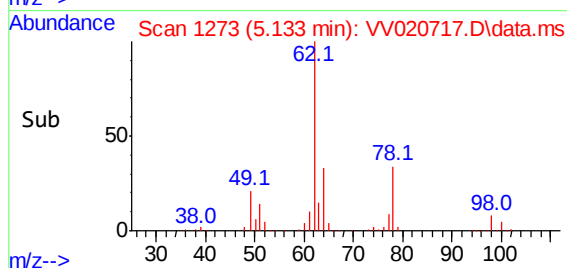
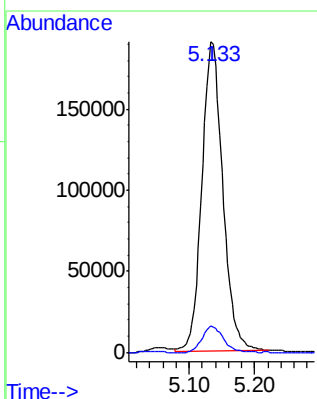
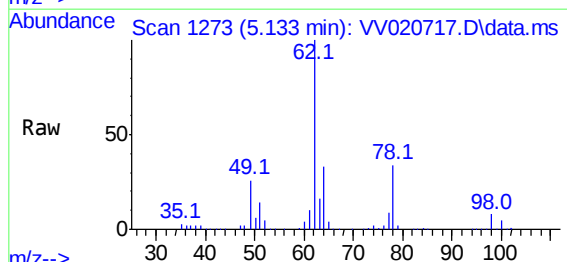
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

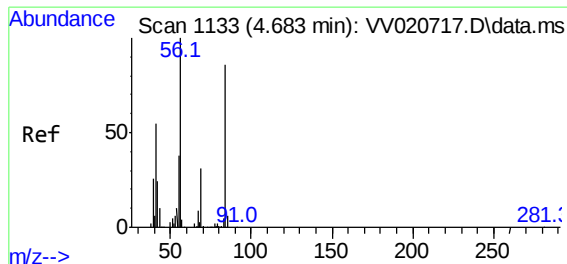
Tgt Ion: 83 Resp: 512231
Ion Ratio Lower Upper
83 100
85 66.7 46.7 86.7



#27
1,2-Dichloroethane
Concen: 50.25 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 62 Resp: 423503
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2



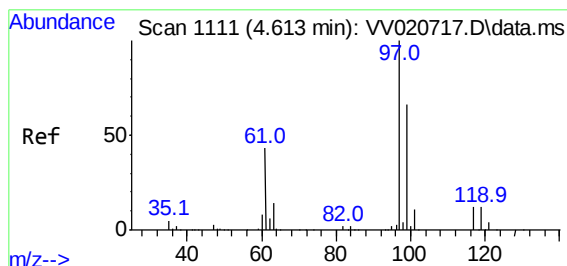
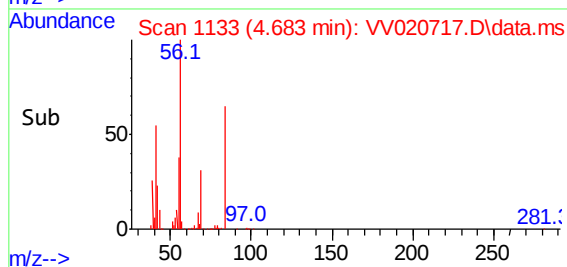
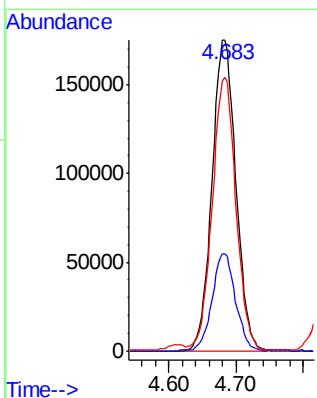
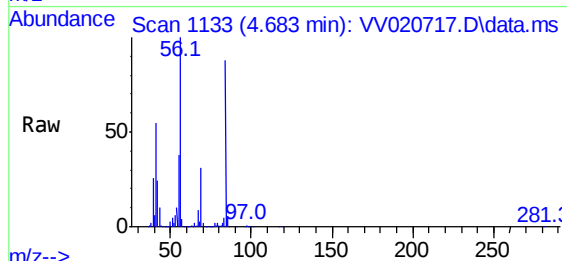


#29
Cyclohexane
Concen: 48.87 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

Tgt Ion: 56 Resp: 434627

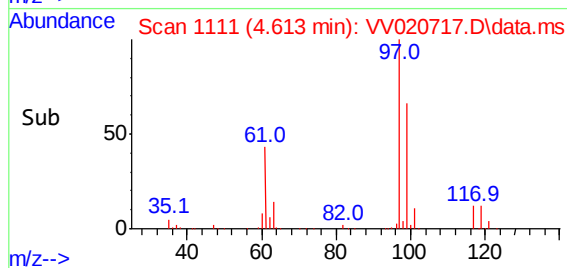
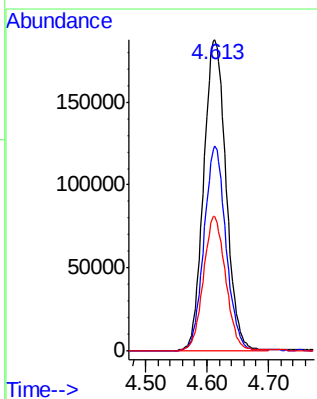
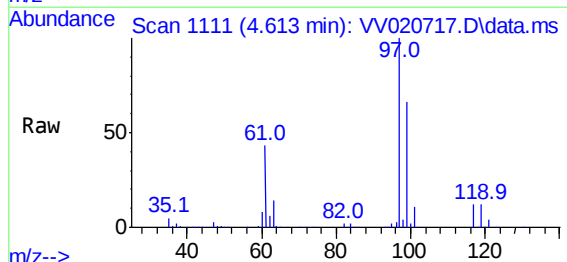
Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.4	36.6
84	87.4	69.9	104.9

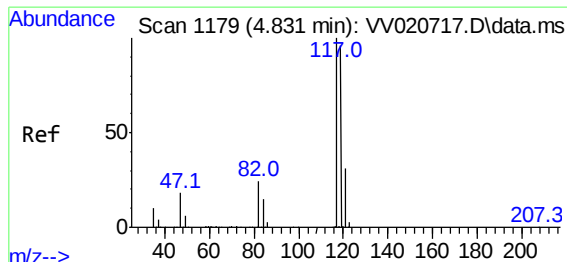


#30
1,1,1-Trichloroethane
Concen: 52.84 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 97 Resp: 476228

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	42.4	33.9	50.9

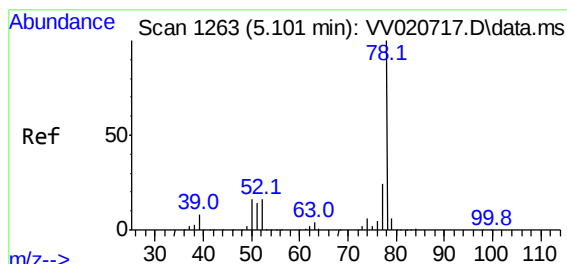
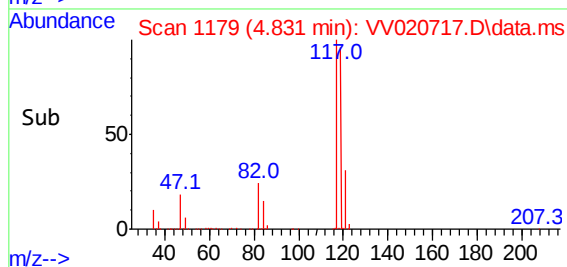
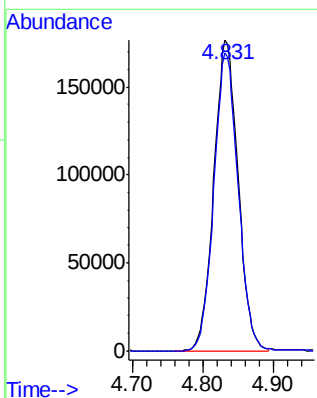
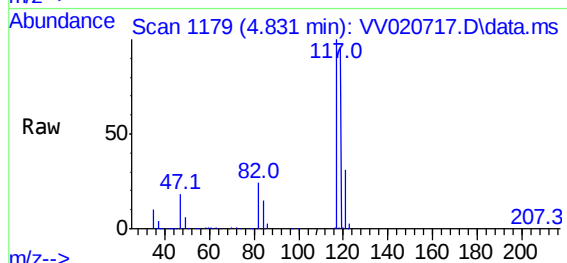




#31
Carbon tetrachloride
Concen: 56.54 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

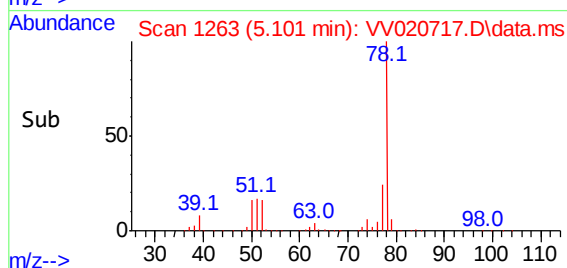
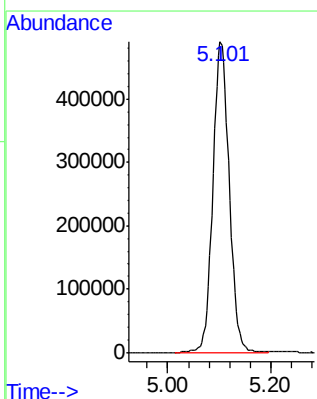
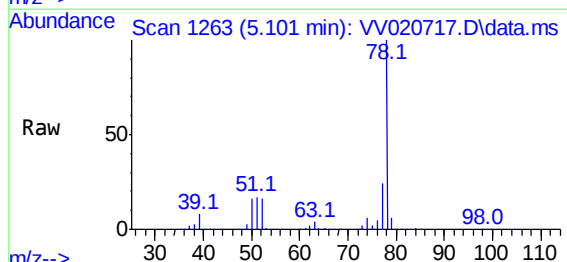
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

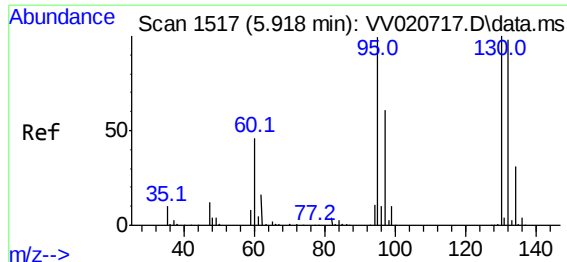
Tgt Ion:117 Resp: 420566
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 49.07 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 78 Resp: 1076571





#34

Trichloroethene

Concen: 47.06 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VV020717.D

Acq: 23 Mar 2021 17:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD05066

Tgt Ion: 95 Resp: 289210

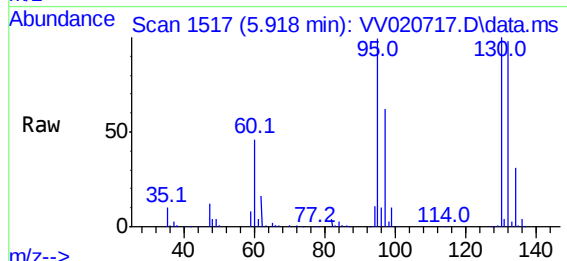
Ion Ratio Lower Upper

95 100

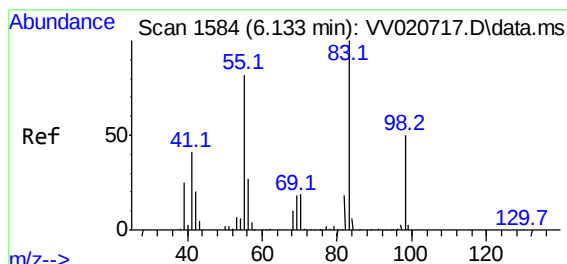
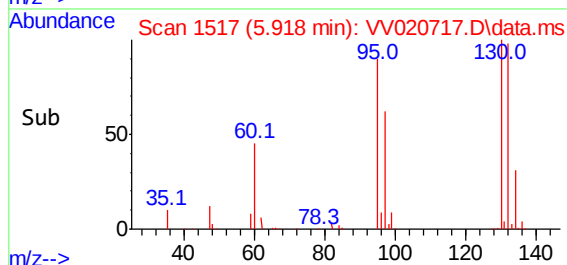
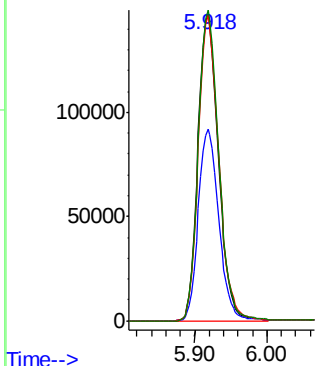
97 62.2 43.5 80.9

132 99.3 69.5 129.1

130 101.0 70.7 131.3



Abundance



#35

Methylcyclohexane

Concen: 52.07 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV020717.D

Acq: 23 Mar 2021 17:51

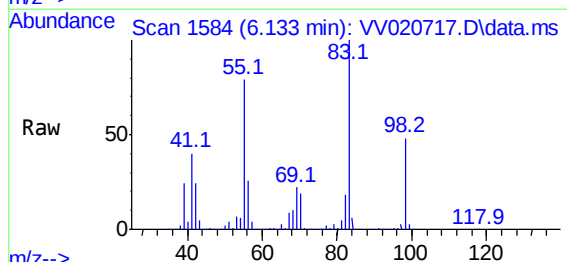
Tgt Ion: 83 Resp: 449853

Ion Ratio Lower Upper

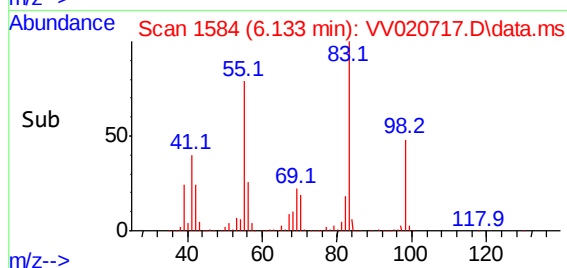
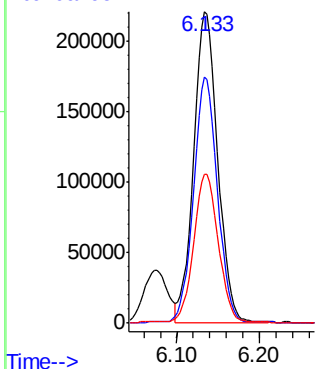
83 100

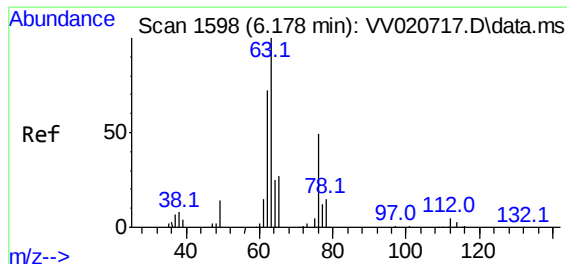
55 78.4 62.7 94.1

98 48.6 38.9 58.3



Abundance

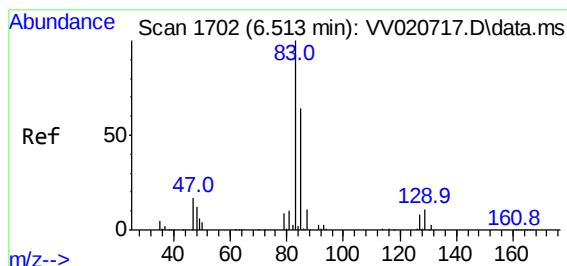
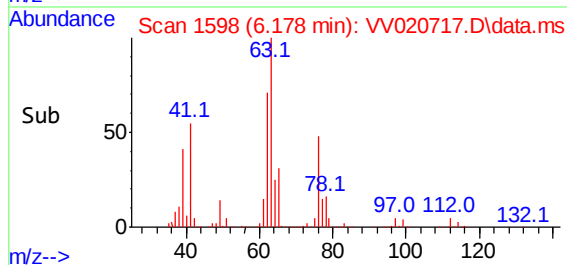
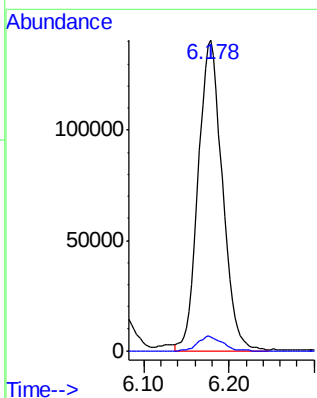
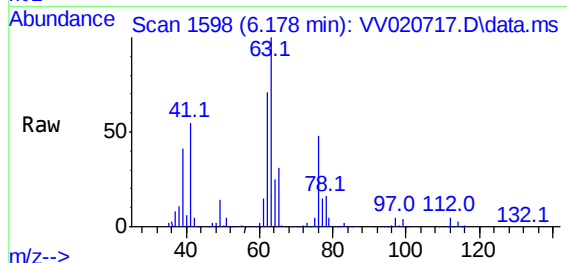




#37
1,2-Dichloropropane
Concen: 48.42 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

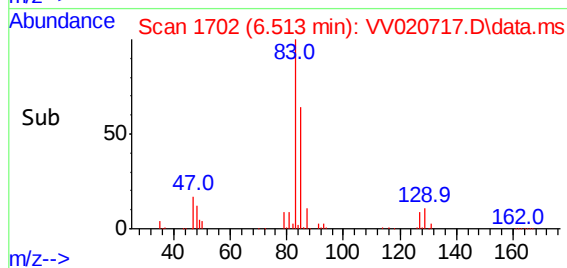
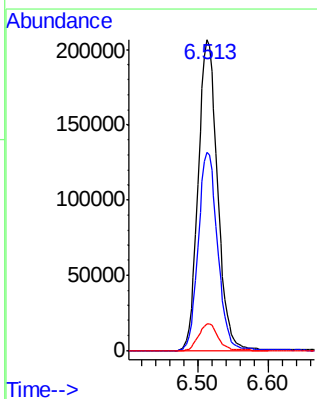
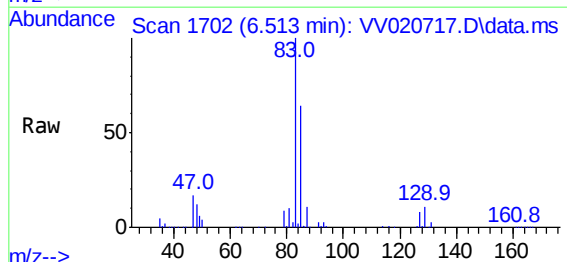
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

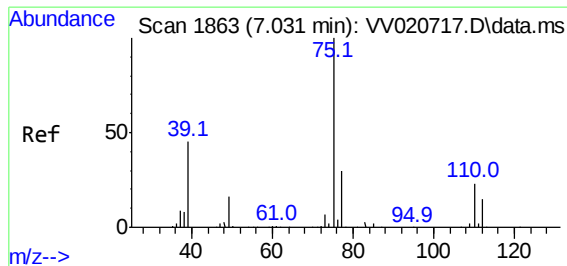
Tgt Ion: 63 Resp: 277574
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 50.91 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 83 Resp: 390800
Ion Ratio Lower Upper
83 100
85 63.6 44.5 82.7
127 8.5 6.8 10.2

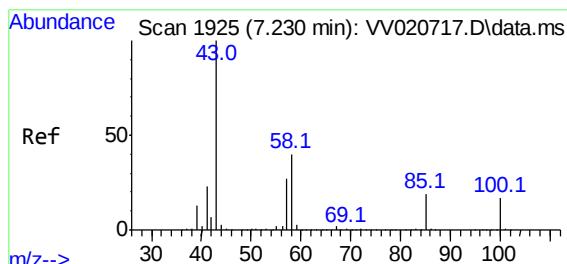
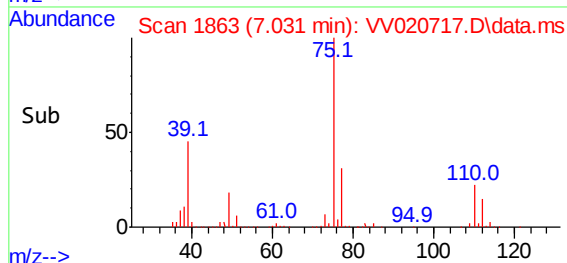
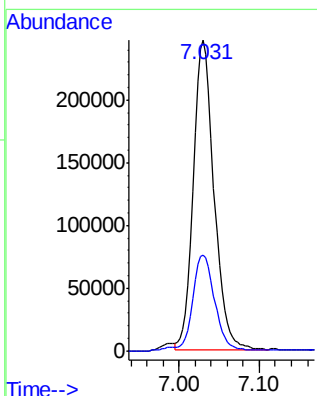
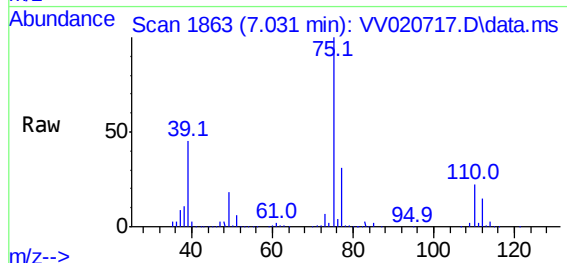




#39
 cis-1,3-Dichloropropene
 Concen: 50.73 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV020717.D
 Acq: 23 Mar 2021 17:51

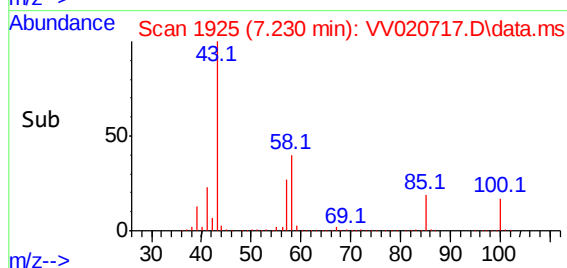
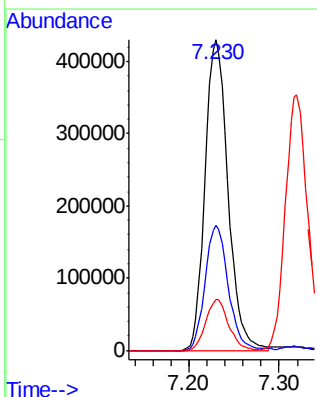
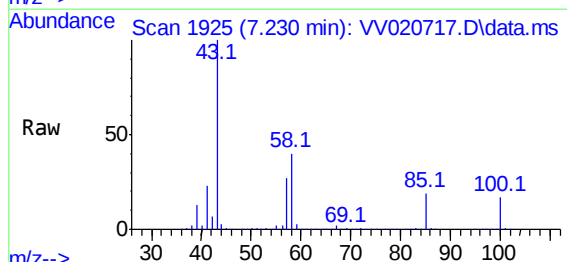
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

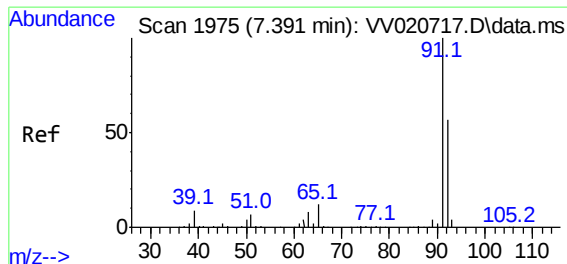
Tgt Ion: 75 Resp: 435108
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 90.41 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: VV020717.D
 Acq: 23 Mar 2021 17:51

Tgt Ion: 43 Resp: 756808
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.3 48.5
 100 16.2 13.0 19.4

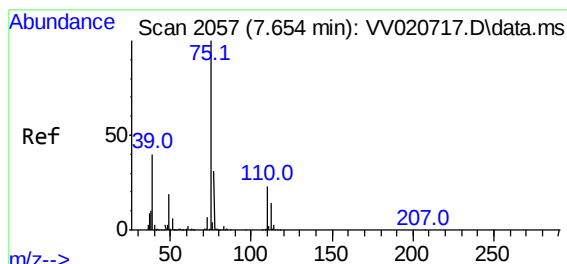
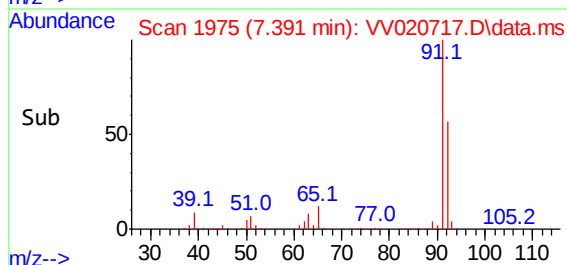
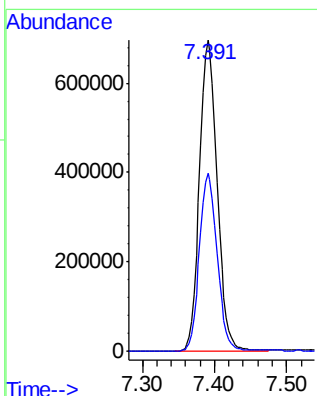
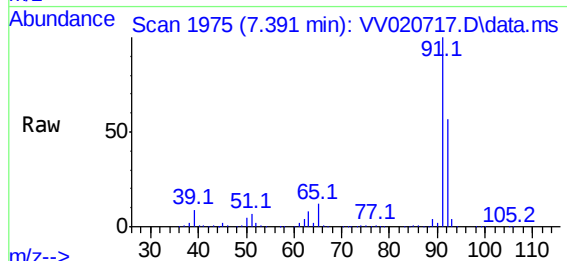




#42
Toluene
Concen: 51.25 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

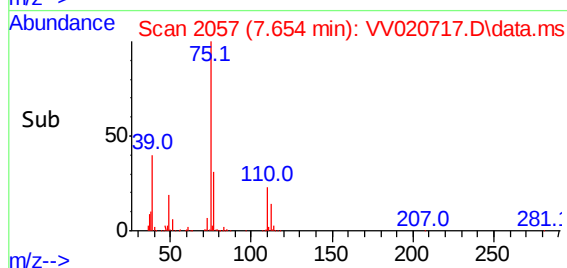
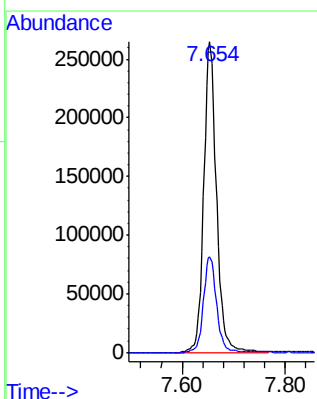
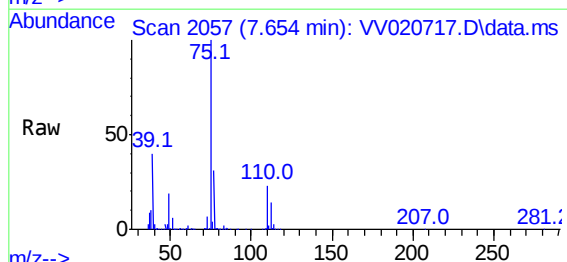
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

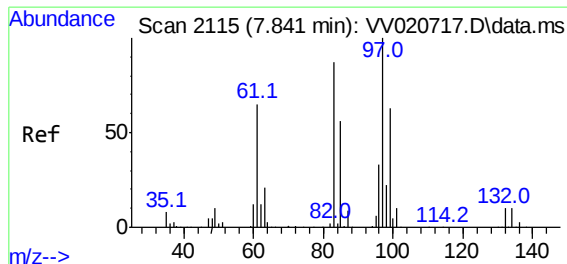
Tgt Ion: 91 Resp: 1183270
Ion Ratio Lower Upper
91 100
92 57.0 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 53.30 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 75 Resp: 453430
Ion Ratio Lower Upper
75 100
77 30.8 21.6 40.0



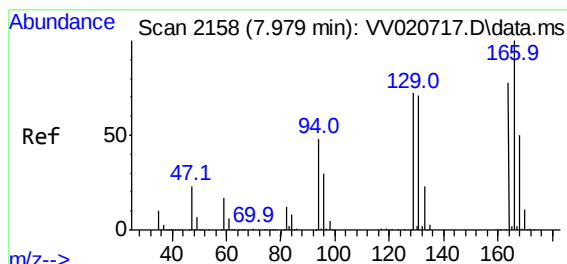
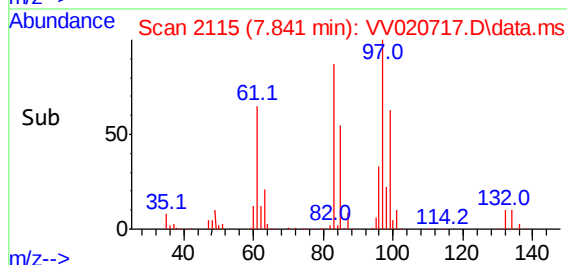
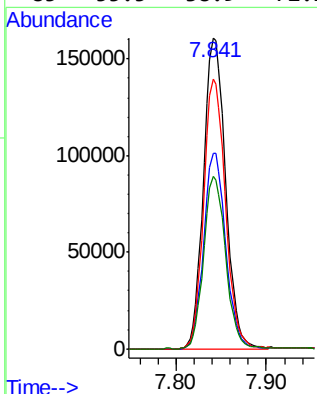
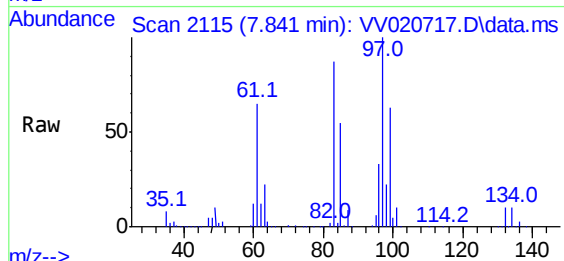


#45
1,1,2-Trichloroethane
Concen: 50.73 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

Tgt Ion: 97 Resp: 272084

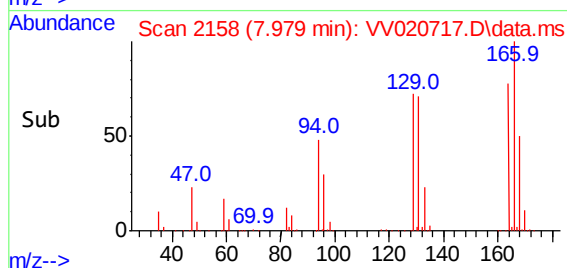
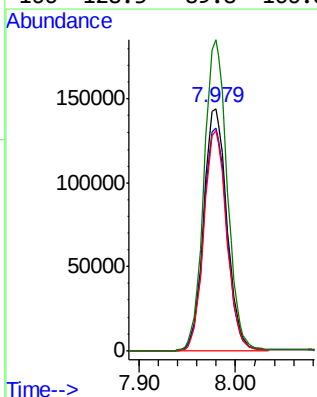
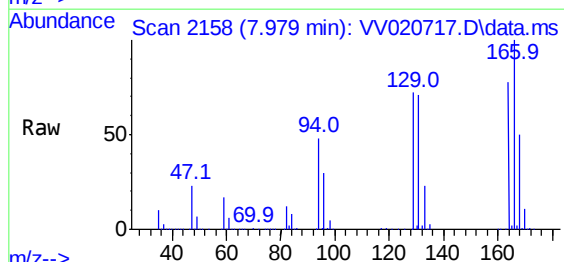
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.1	81.9
83	86.7	60.7	112.7
85	55.5	38.9	72.2

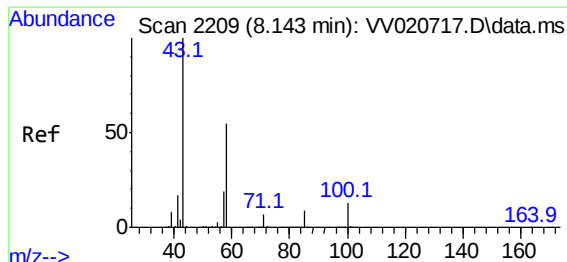


#46
Tetrachloroethene
Concen: 57.77 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 164 Resp: 240711

Ion	Ratio	Lower	Upper
164	100		
129	91.9	64.3	119.5
131	90.7	63.5	117.9
166	128.3	89.8	166.8

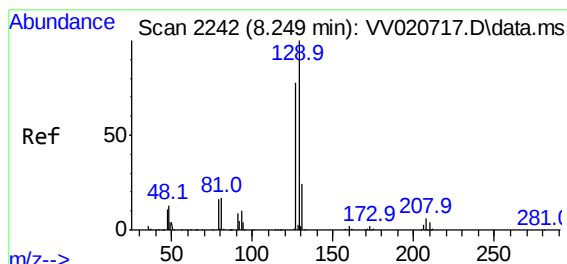
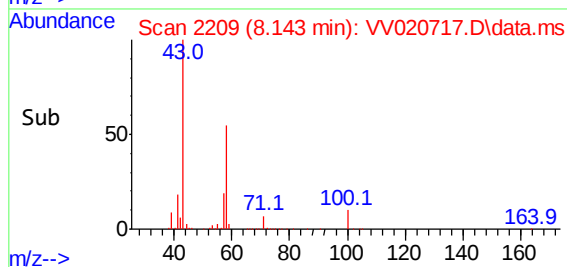
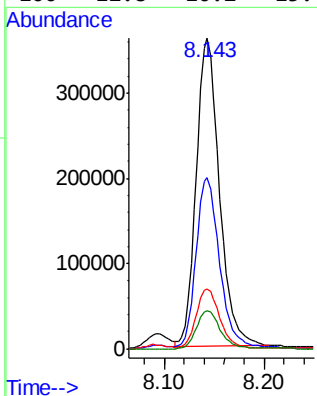
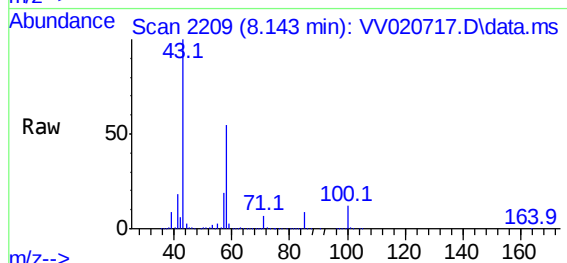




#48
2-Hexanone
Concen: 89.21 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

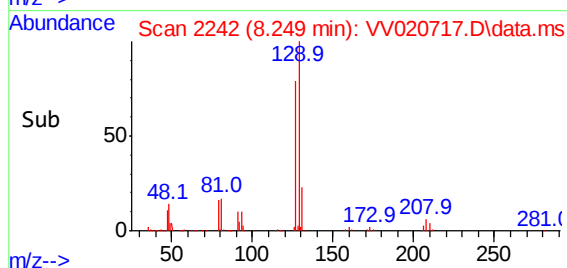
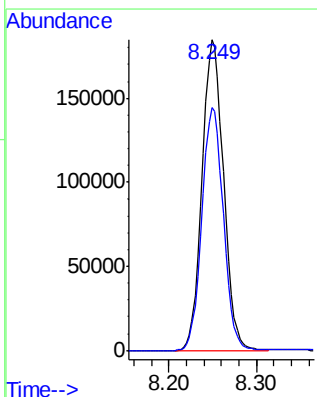
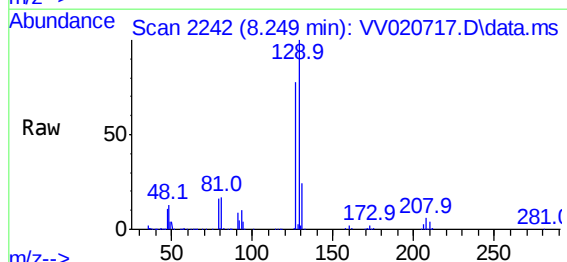
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

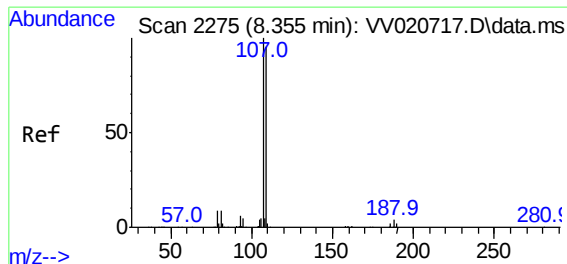
Tgt Ion: 43 Resp: 584001
Ion Ratio Lower Upper
43 100
58 57.3 45.8 68.8
57 19.3 15.4 23.2
100 12.8 10.2 15.4



#49
Dibromochloromethane
Concen: 54.88 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 129 Resp: 314939
Ion Ratio Lower Upper
129 100
127 78.0 54.6 101.4

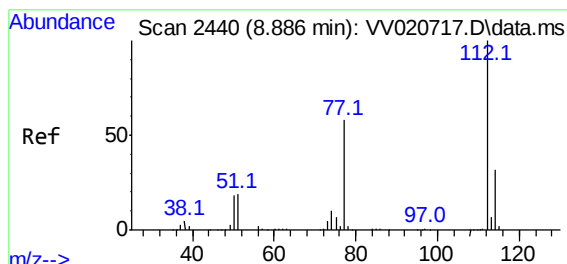
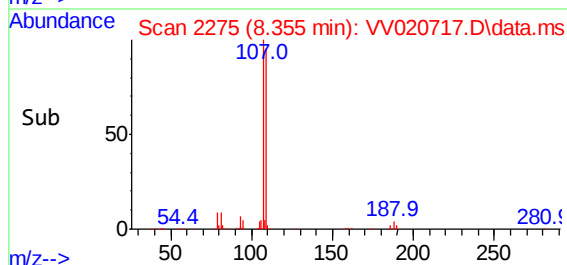
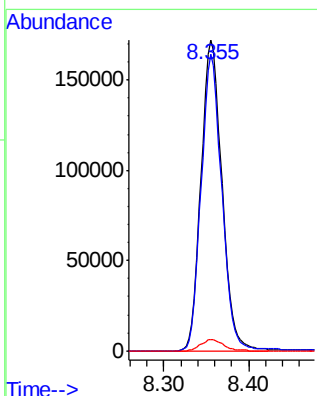
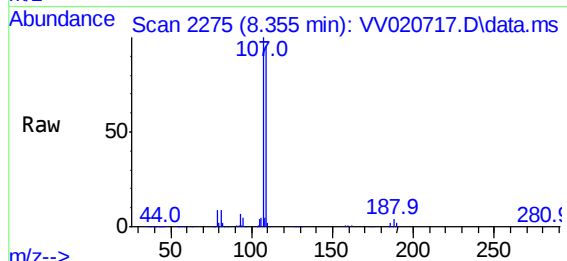




#50
1,2-Dibromoethane
Concen: 50.46 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

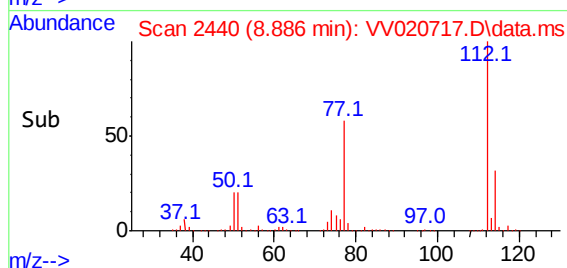
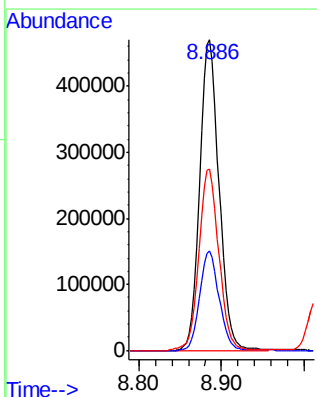
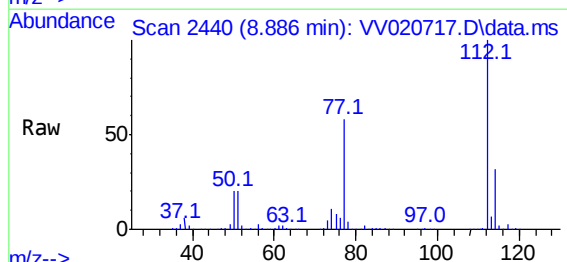
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

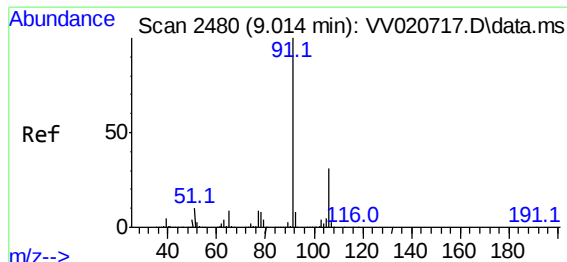
Tgt Ion:107 Resp: 293286
Ion Ratio Lower Upper
107 100
109 95.3 66.7 123.9
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 50.69 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion:112 Resp: 764707
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 58.4 46.7 70.1

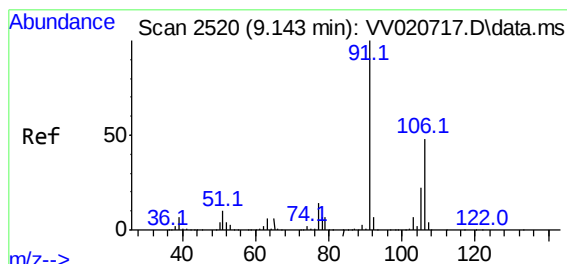
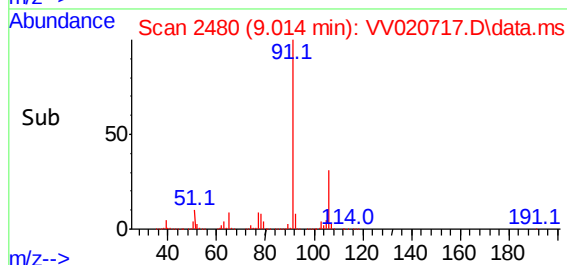
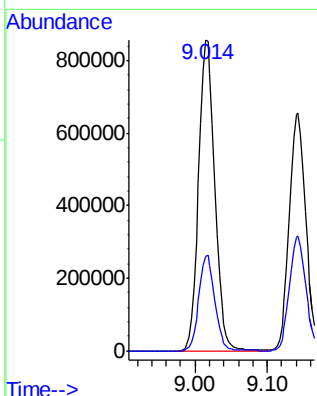
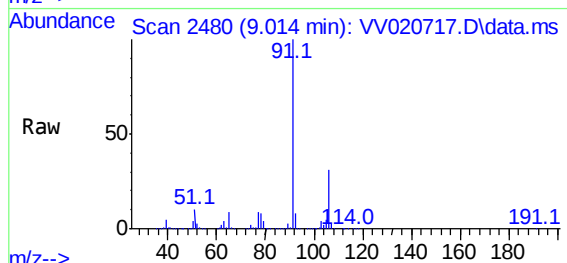




#52
Ethylbenzene
Concen: 51.08 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

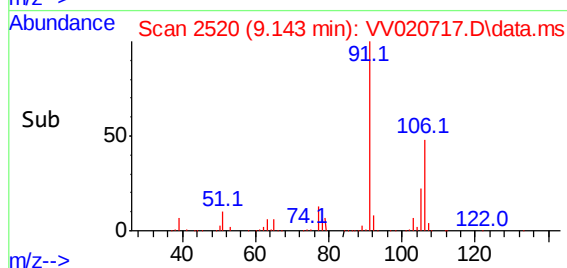
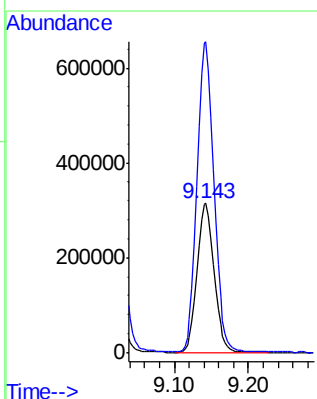
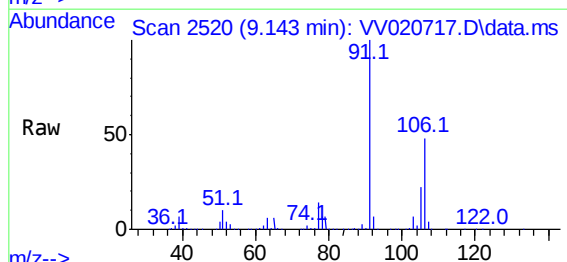
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

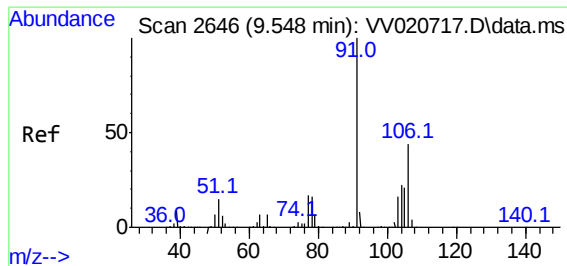
Tgt Ion: 91 Resp: 1334414
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 52.14 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 106 Resp: 502414
Ion Ratio Lower Upper
106 100
91 208.2 145.7 270.7

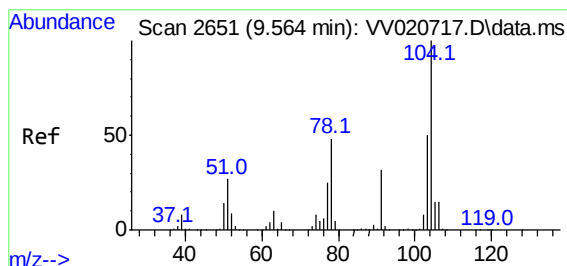
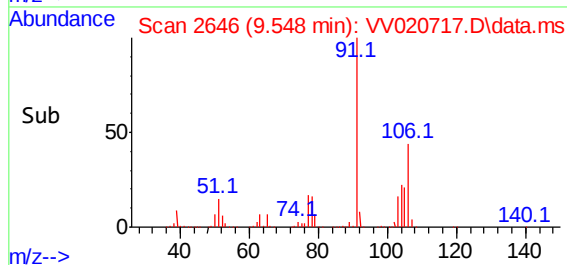
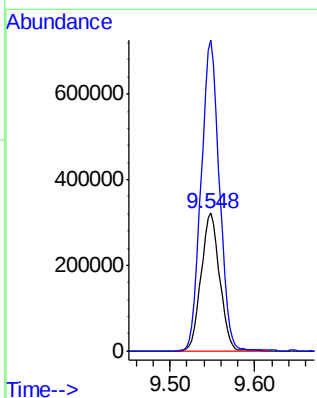
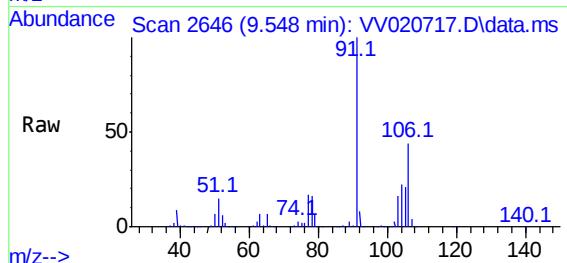




#54
o-xylene
Concen: 52.07 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

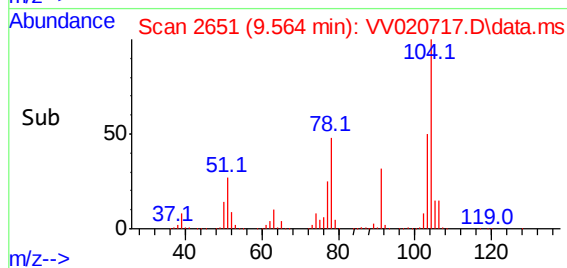
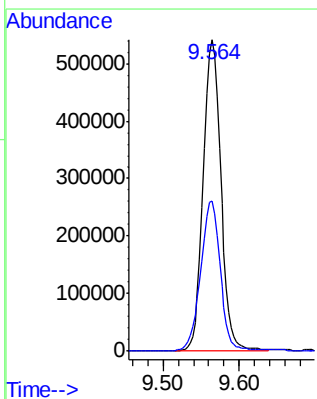
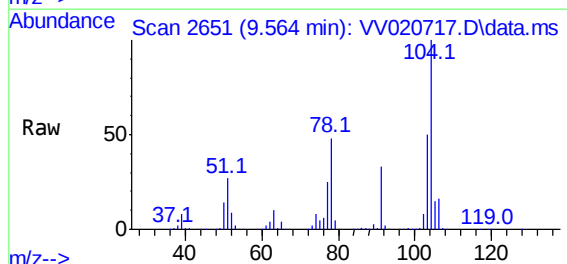
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

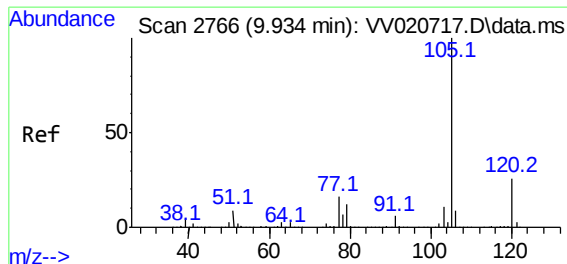
Tgt Ion:106 Resp: 484833
Ion Ratio Lower Upper
106 100
91 225.5 157.8 293.1



#55
Styrene
Concen: 53.43 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion:104 Resp: 868903
Ion Ratio Lower Upper
104 100
78 48.0 33.6 62.4

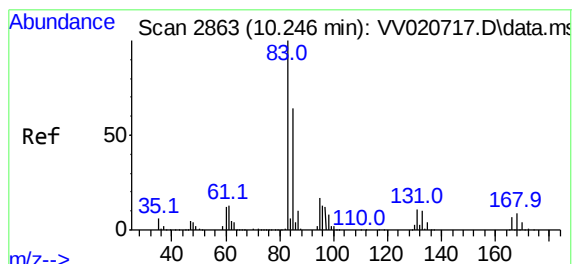
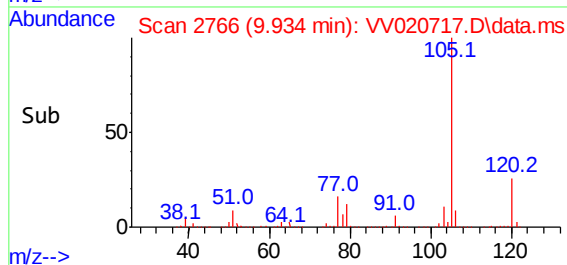
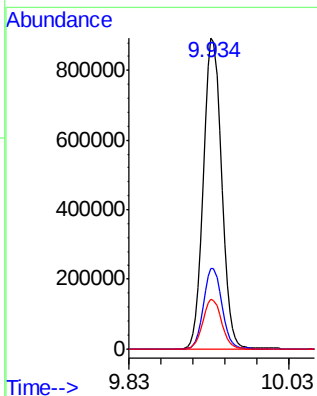
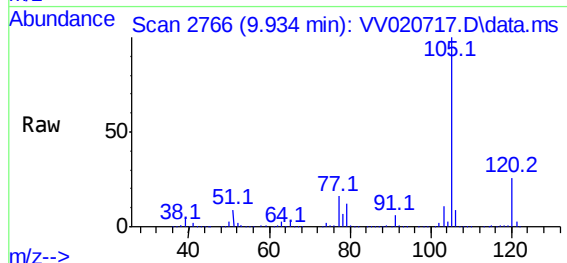




#56
Isopropylbenzene
Concen: 53.23 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

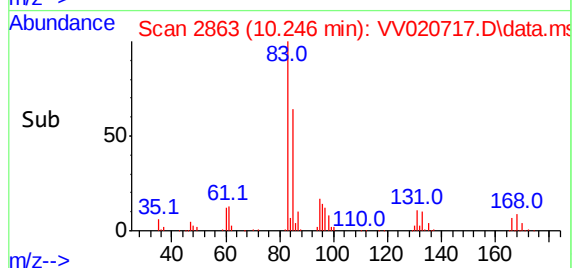
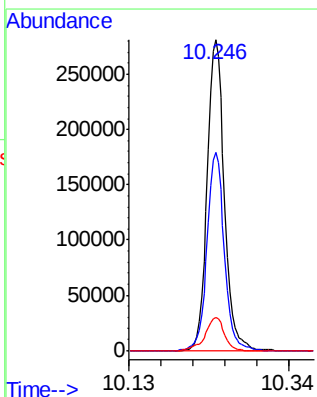
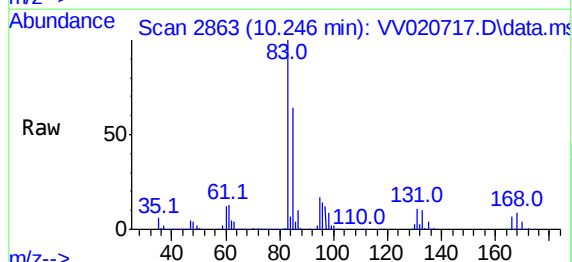
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

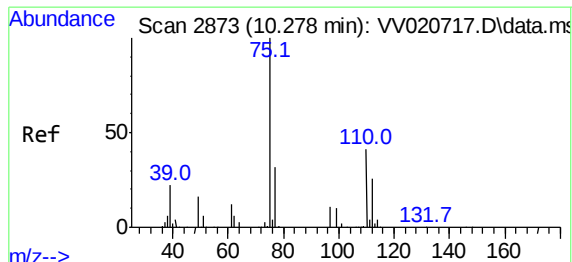
Tgt Ion:105 Resp: 1343890
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 16.1 12.9 19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 54.83 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 83 Resp: 448881
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 10.7 8.6 12.8

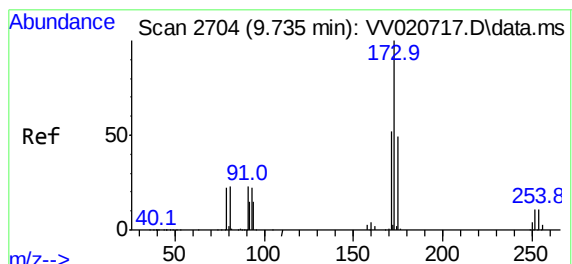
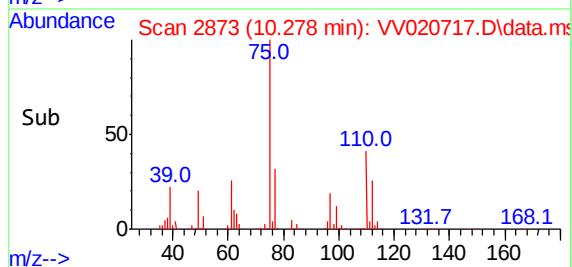
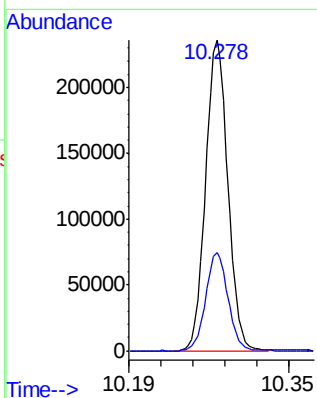
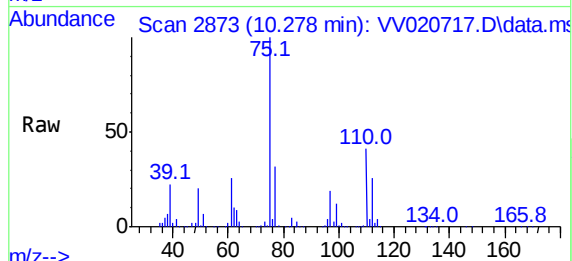




#59
1,2,3-Trichloropropane
Concen: 49.88 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

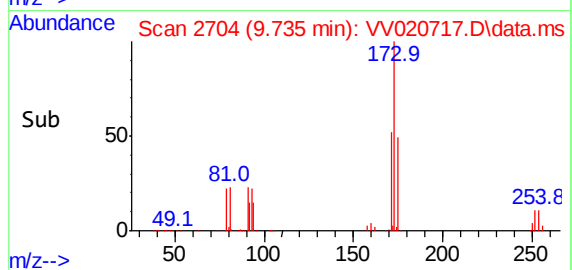
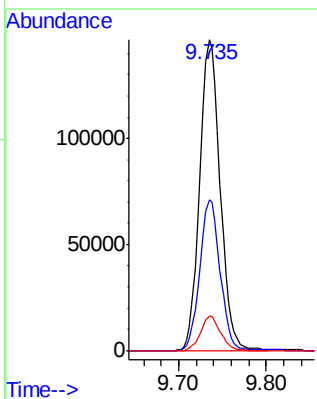
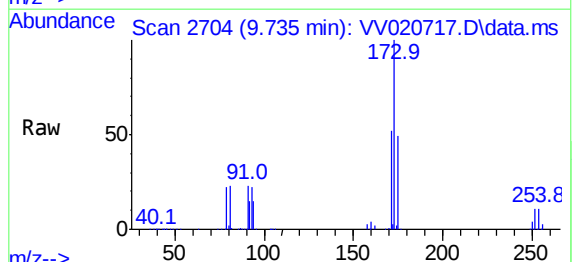
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

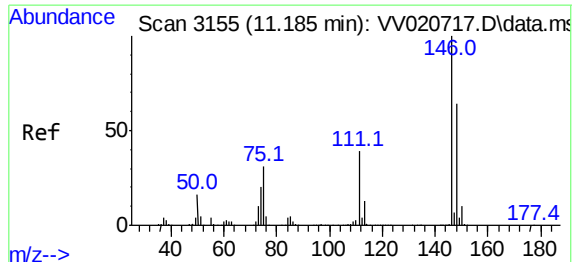
Tgt Ion: 75 Resp: 364874
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9



#61
Bromoform
Concen: 57.01 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion:173 Resp: 238080
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 10.6 8.5 12.7

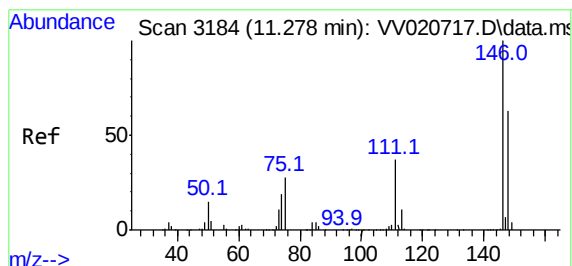
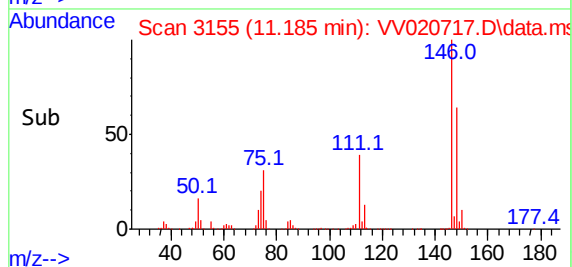
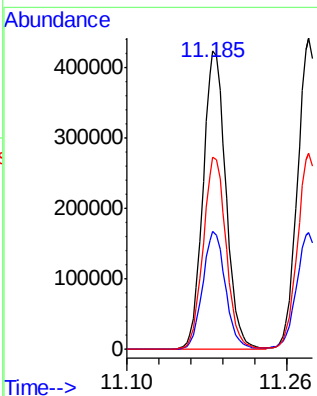
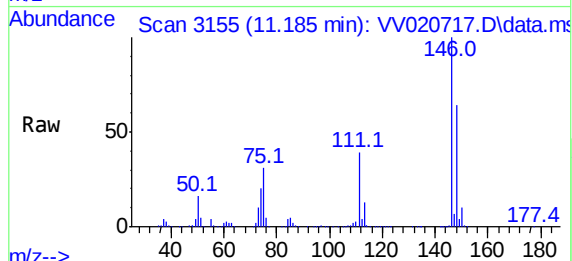




#62
1,3-Dichlorobenzene
Concen: 49.84 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

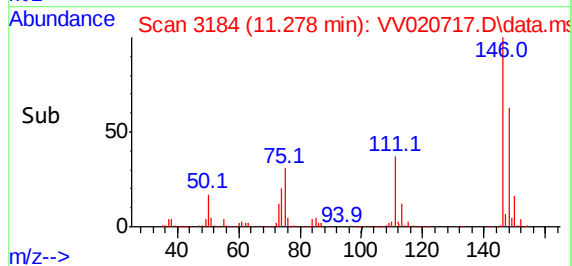
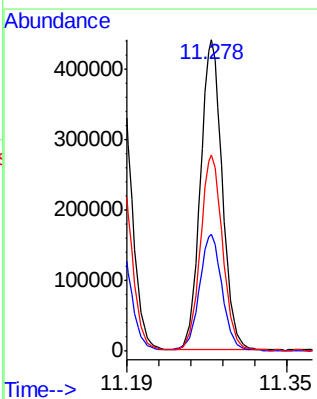
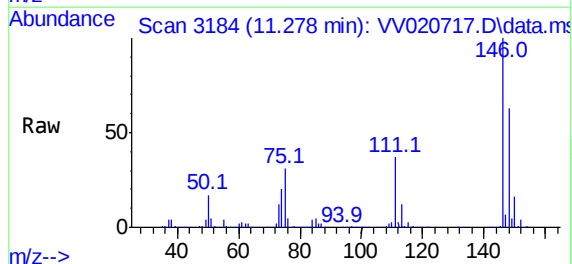
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

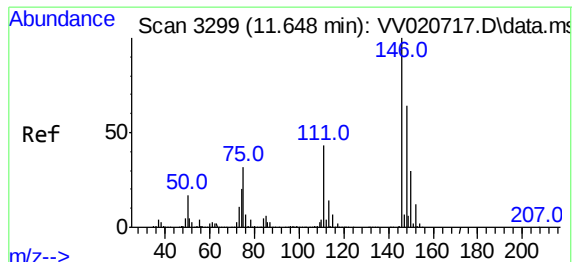
Tgt Ion:146 Resp: 644681
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 64.2 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 49.13 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion:146 Resp: 665388
Ion Ratio Lower Upper
146 100
111 37.2 26.0 48.4
148 63.0 44.1 81.9

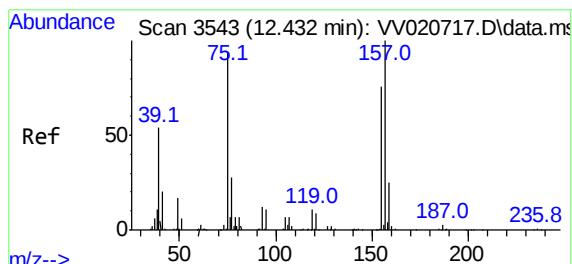
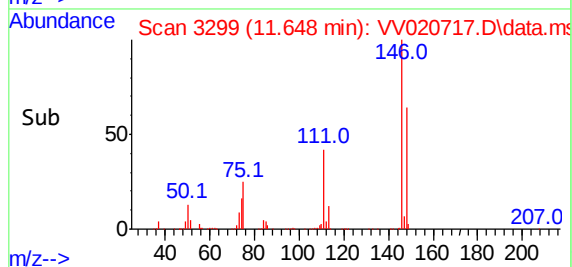
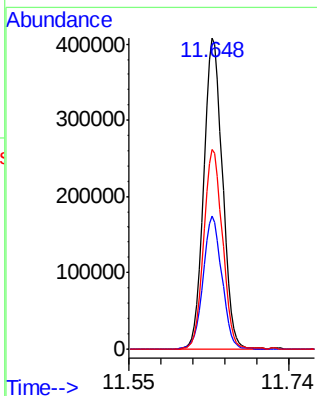
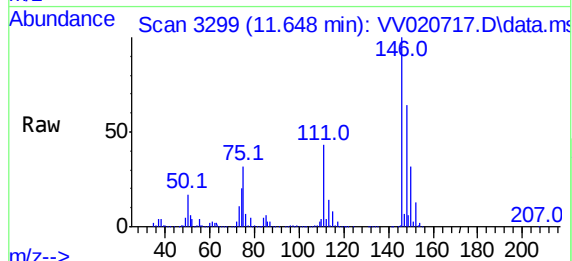




#65
1,2-Dichlorobenzene
Concen: 49.42 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

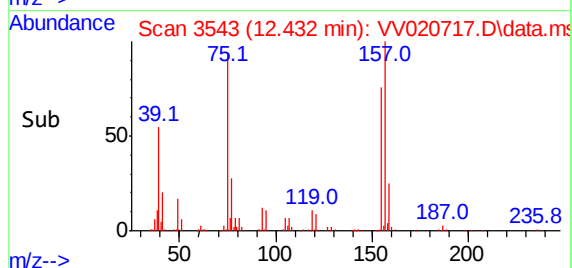
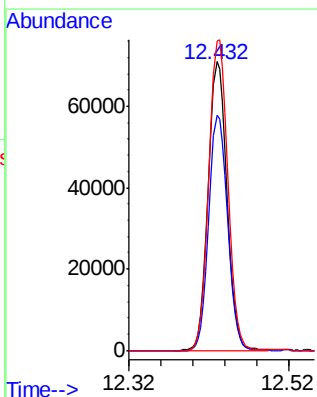
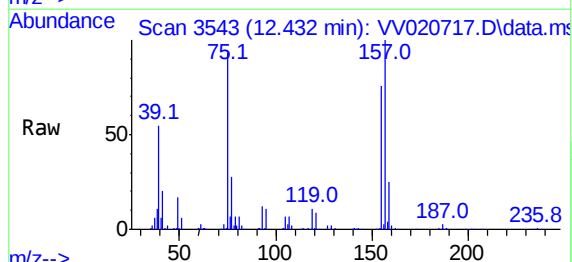
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

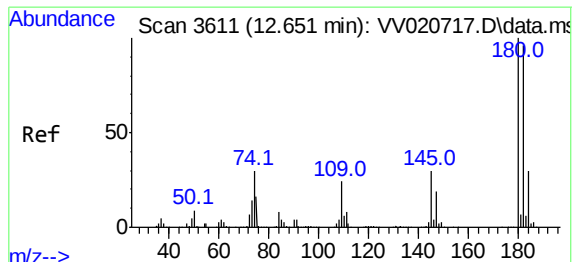
Tgt Ion:146 Resp: 638354
Ion Ratio Lower Upper
146 100
111 42.6 34.1 51.1
148 64.2 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 55.13 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion: 75 Resp: 110064
Ion Ratio Lower Upper
75 100
155 81.6 65.3 97.9
157 107.2 85.8 128.6

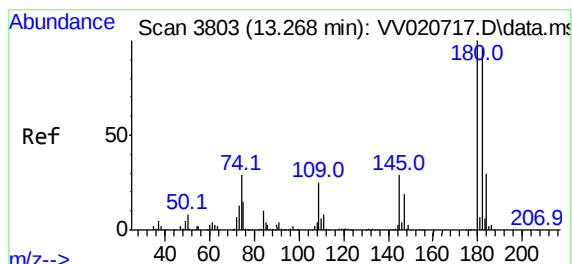
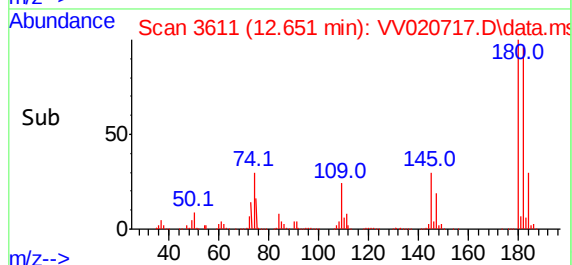
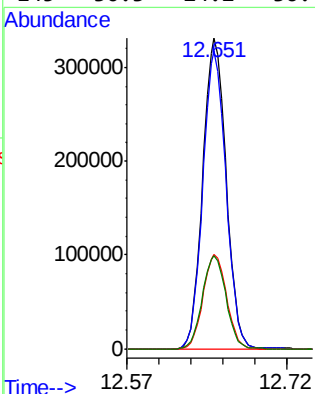
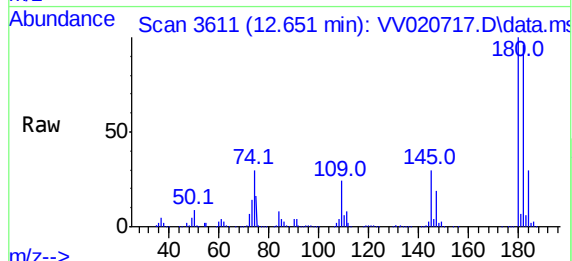




#67
1,3,5-Trichlorobenzene
Concen: 52.90 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

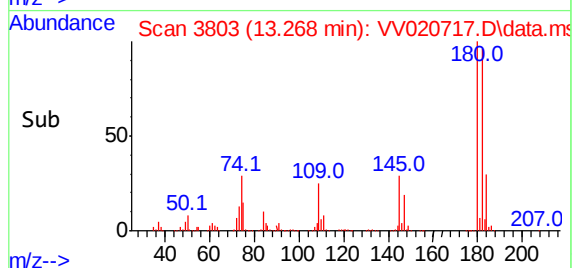
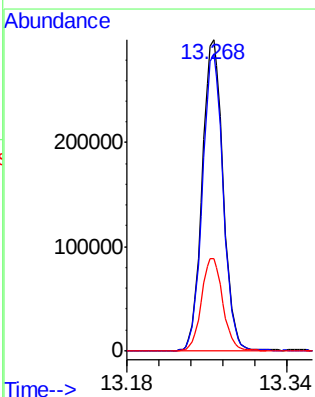
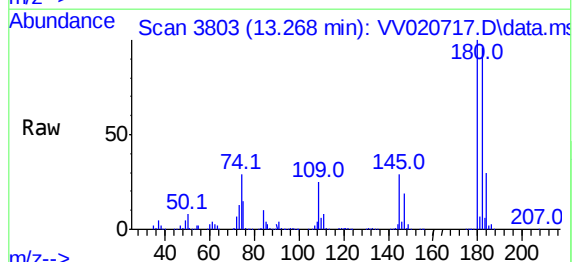
Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

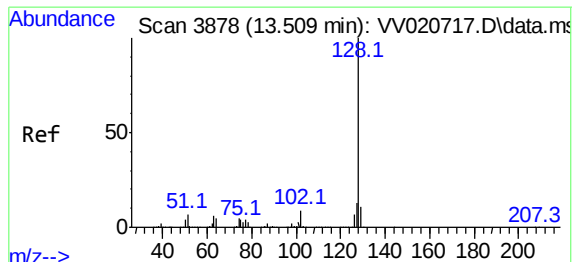
Tgt Ion:180 Resp: 496961
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
184 30.6 24.5 36.7
145 30.3 24.2 36.4



#68
1,2,4-trichlorobenzene
Concen: 54.52 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion:180 Resp: 445953
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 29.9 23.9 35.9

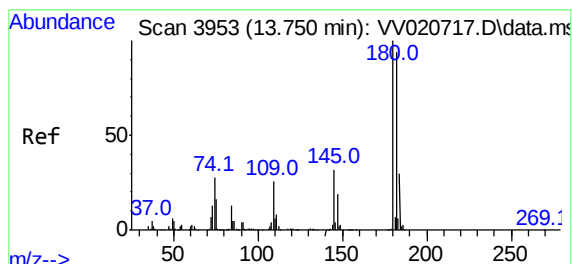
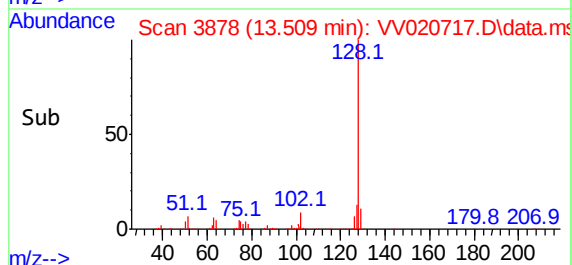
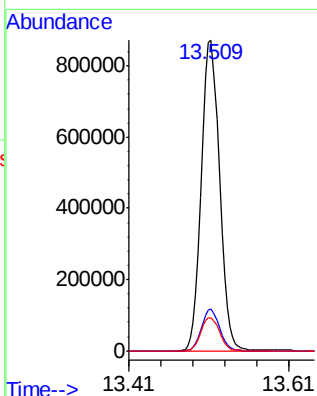
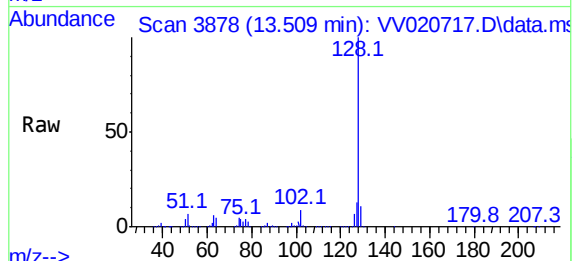




#69
Naphthalene
Concen: 51.14 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05066

Tgt Ion:128 Resp: 1328177
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 54.80 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020717.D
Acq: 23 Mar 2021 17:51

Tgt Ion:180 Resp: 443946
Ion Ratio Lower Upper
180 100
182 94.0 75.2 112.8
145 31.9 25.5 38.3

