

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018524.D
 Acq On : 31 Mar 2021 19:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Apr 01 02:42:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	438597	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	226059	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	182391	29.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	119.52%		
7) Chloroethane-d5	2.892	69	154674	28.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	115.80%		
10) 1,1-Dichloroethene-d2	4.032	63	277257	26.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	105.24%		
20) 2-Butanone-d5	7.080	46	79704	58.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.32%		
24) Chloroform-d	7.647	84	316242	28.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	113.24%		
26) 1,2-Dichloroethane-d4	8.305	65	189208	29.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.04%		
29) Benzene-d6	8.275	84	593594	26.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.96%		
33) 1,2-Dichloropropane-d6	9.275	67	177154	27.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	108.60%		
37) Toluene-d8	10.323	98	591084	27.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.56%		
38) trans-1,3-Dichloroprop...	10.579	79	85548	25.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.68%		
39) 2-Hexanone-d5	10.927	63	68772	53.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.72%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	171307	29.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	117.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	205482	25.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	117055	23.24	ug/L	97
3) Chloromethane	2.221	50	146525	23.07	ug/L	99
5) Vinyl chloride	2.367	62	213311	25.58	ug/L	100
6) Bromomethane	2.788	94	164774	27.36	ug/L	100
8) Chloroethane	2.928	64	139431	26.82	ug/L	96
9) Trichlorofluoromethane	3.263	101	103378	24.64	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	145637	27.00	ug/L	99
12) 1,1-Dichloroethene	4.050	96	140430	25.51	ug/L	94
13) Acetone	4.129	43	49834	51.05	ug/L	98
14) Carbon disulfide	4.391	76	422019	25.45	ug/L	98
15) Methyl Acetate	4.672	43	65669	29.41	ug/L	95
16) Methylene chloride	4.922	84	158581	22.04	ug/L	92
17) Methyl tert-butyl Ether	5.428	73	215747	26.82	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	158475	26.07	ug/L	94
19) 1,1-Dichloroethane	6.220	63	272951	26.32	ug/L	97
21) 2-Butanone	7.177	43	84011	54.17	ug/L	97
22) cis-1,2-Dichloroethene	7.171	96	167861	26.26	ug/L	95
23) Bromochloromethane	7.519	128	76964	27.20	ug/L	90
25) Chloroform	7.677	83	296486	26.94	ug/L	100
27) 1,2-Dichloroethane	8.403	62	219525	28.11	ug/L	100

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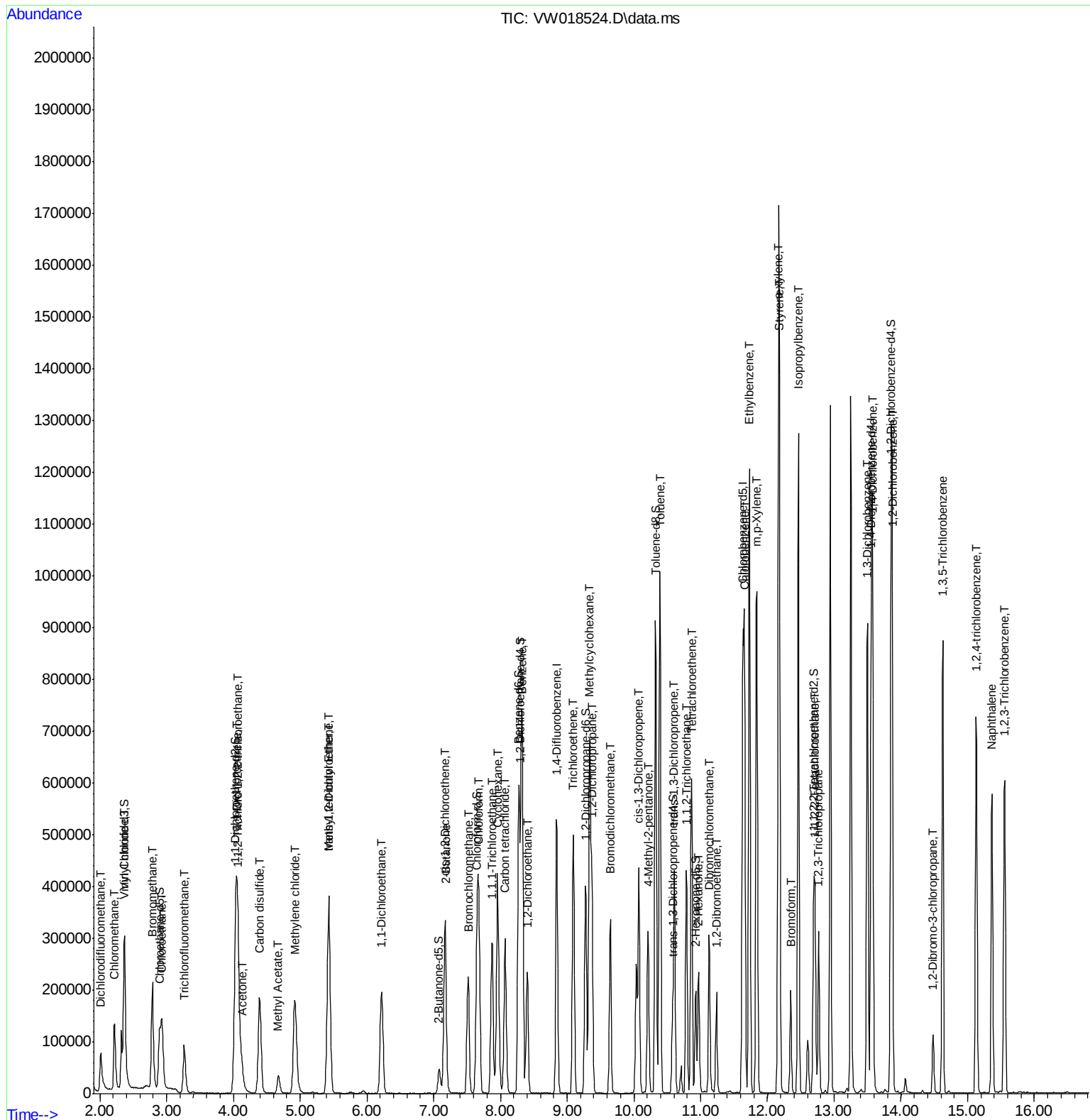
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	236448	23.41	ug/L	96
31) 1,1,1-Trichloroethane	7.878	97	232086	24.40	ug/L	97
32) Carbon tetrachloride	8.074	117	217531	24.55	ug/L	100
34) Benzene	8.330	78	627969	25.48	ug/L	100
35) Trichloroethene	9.092	95	168838	24.80	ug/L	98
36) Methylcyclohexane	9.336	83	286783	24.06	ug/L	99
40) 1,2-Dichloropropane	9.372	63	155391	25.78	ug/L	97
41) Bromodichloromethane	9.646	83	218751	25.67	ug/L	100
42) cis-1,3-Dichloropropene	10.073	75	252087	24.73	ug/L	98
43) 4-Methyl-2-pentanone	10.213	43	199388	55.00	ug/L	94
44) Toluene	10.390	91	735314	26.25	ug/L	95
45) trans-1,3-Dichloropropene	10.604	75	235259	25.70	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	129788	27.00	ug/L	98
47) Tetrachloroethene	10.866	164	132739	25.68	ug/L	97
49) 2-Hexanone	10.969	43	138651	54.05	ug/L	96
50) Dibromochloromethane	11.128	129	149719	26.42	ug/L	92
51) 1,2-Dibromoethane	11.238	107	128963	27.09	ug/L	98
52) Chlorobenzene	11.658	112	460252	25.91	ug/L	95
53) Ethylbenzene	11.731	91	819982	25.96	ug/L	100
54) m,p-Xylene	11.841	106	305411	25.30	ug/L	94
55) o-xylene	12.164	106	299210	26.00	ug/L	98
56) Styrene	12.183	104	518304	26.42	ug/L	98
57) Isopropylbenzene	12.463	105	811140	25.92	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	164809	28.33	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	123080	28.02	ug/L	100
62) Bromoform	12.353	173	87215	25.16	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	357904	24.73	ug/L	89
64) 1,4-Dichlorobenzene	13.579	146	358109	24.53	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	336072	25.99	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	28673	24.53	ug/L #	88
67) 1,3,5-Trichlorobenzene	14.627	180	259233	24.84	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	221579	24.96	ug/L	95
69) Naphthalene	15.365	128	487446	26.37	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	196574	25.37	ug/L	98

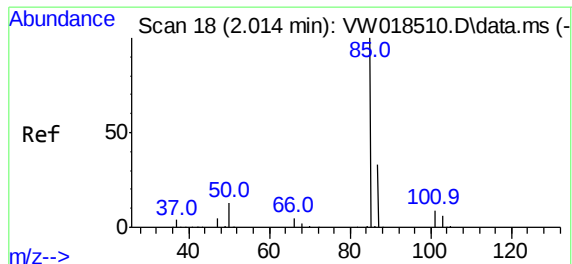
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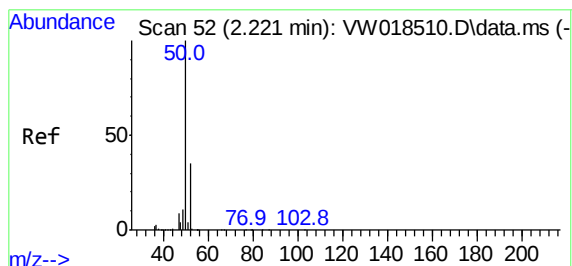
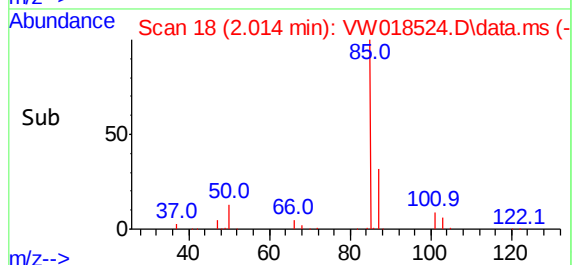
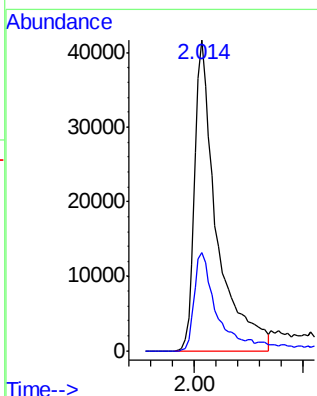
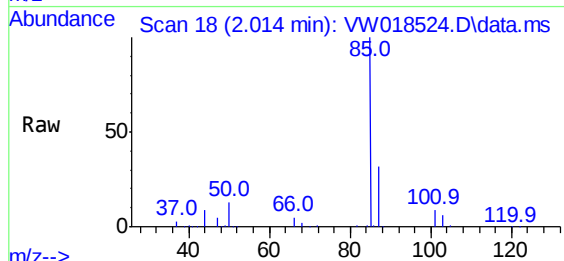




#2
Dichlorodifluoromethane
Concen: 23.24 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

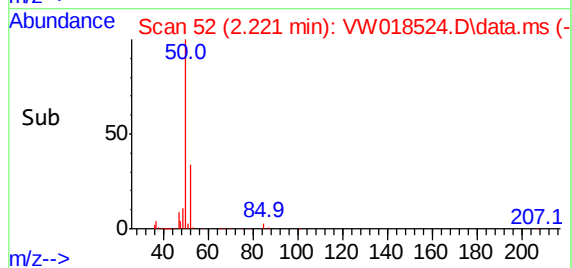
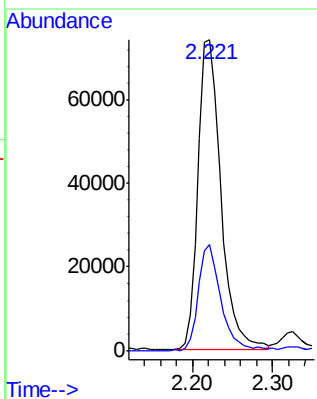
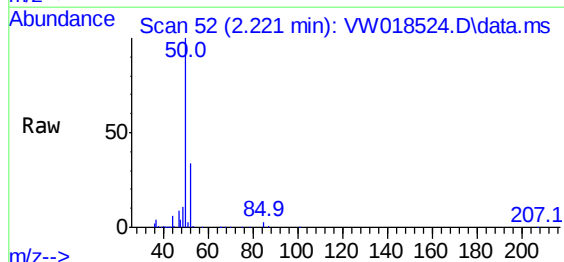
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

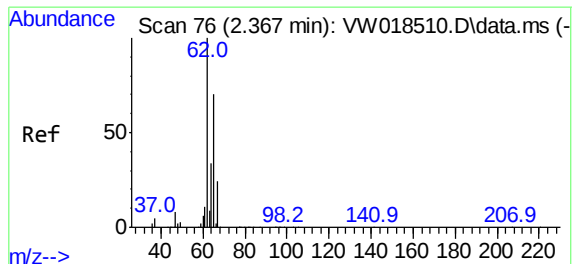
Tgt Ion: 85 Resp: 117055
Ion Ratio Lower Upper
85 100
87 30.2 22.2 41.2



#3
Chloromethane
Concen: 23.07 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 50 Resp: 146525
Ion Ratio Lower Upper
50 100
52 34.2 23.7 43.9

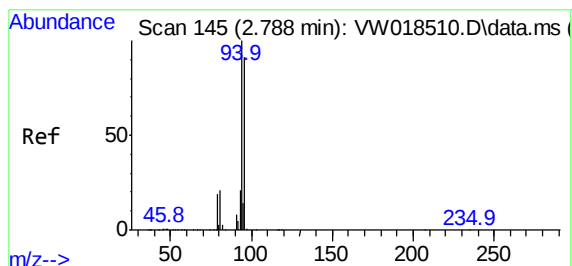
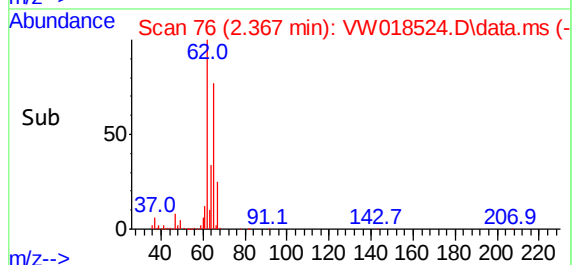
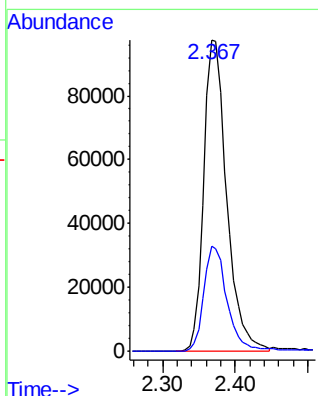
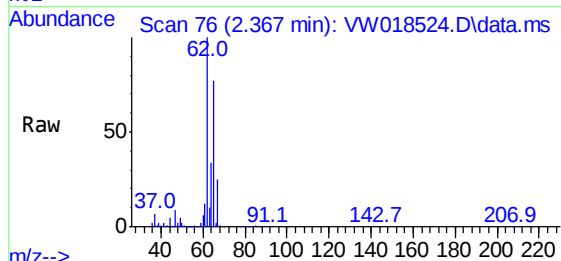




#5
 Vinyl chloride
 Concen: 25.58 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018524.D
 Acq: 31 Mar 2021 19:58

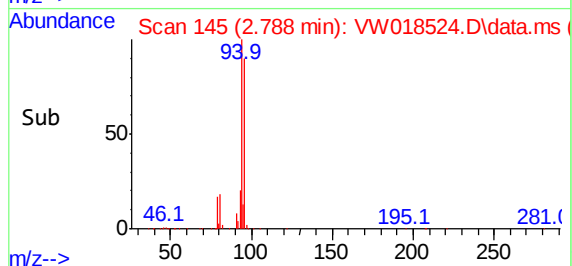
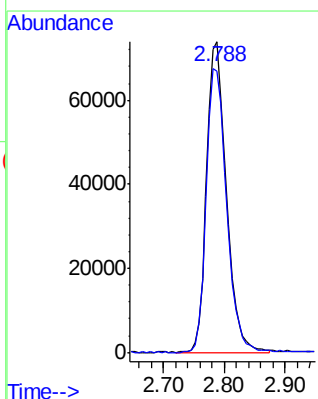
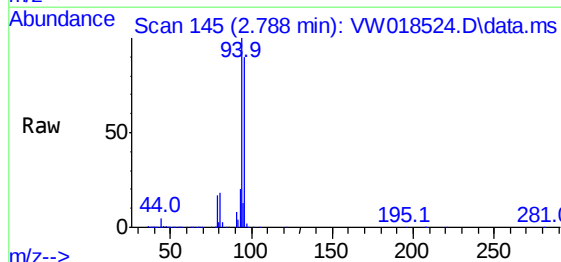
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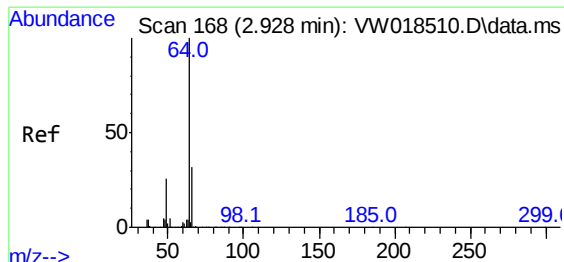
Tgt Ion: 62 Resp: 213311
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.5 43.7



#6
 Bromomethane
 Concen: 27.36 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW018524.D
 Acq: 31 Mar 2021 19:58

Tgt Ion: 94 Resp: 164774
 Ion Ratio Lower Upper
 94 100
 96 94.5 9.4 179.4

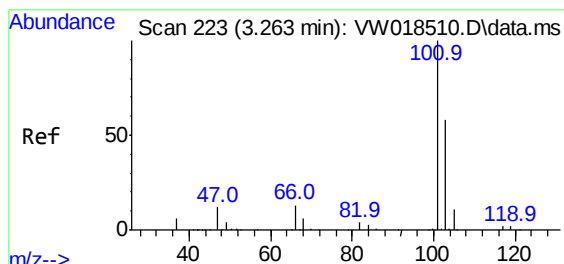
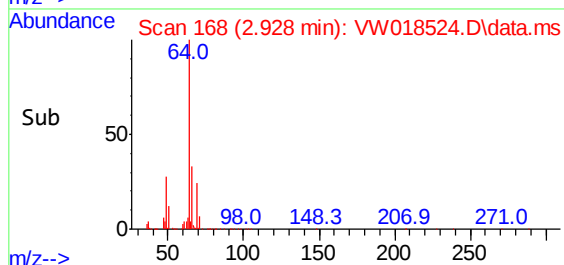
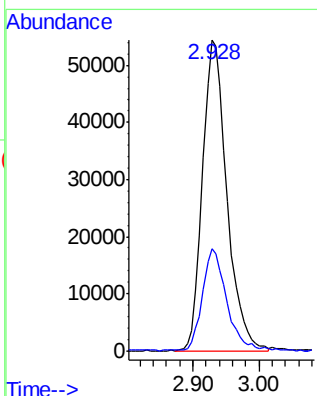
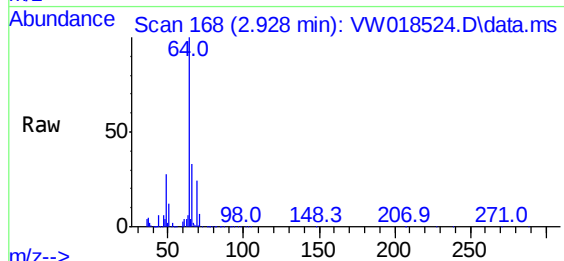




#8
Chloroethane
Concen: 26.82 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

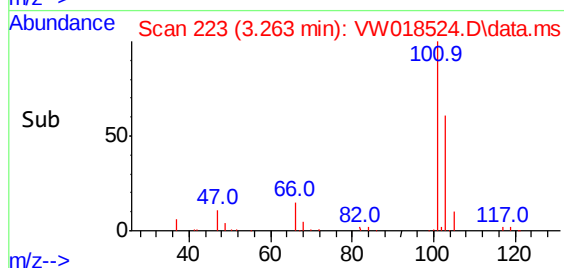
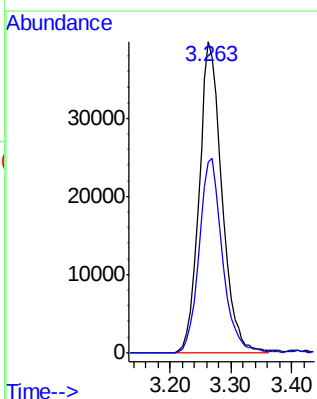
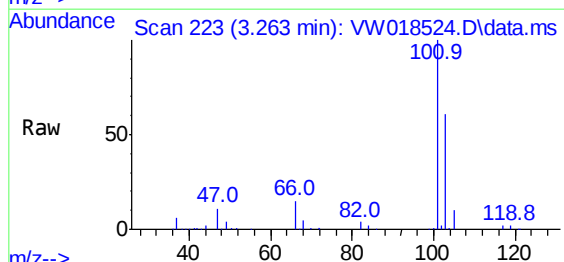
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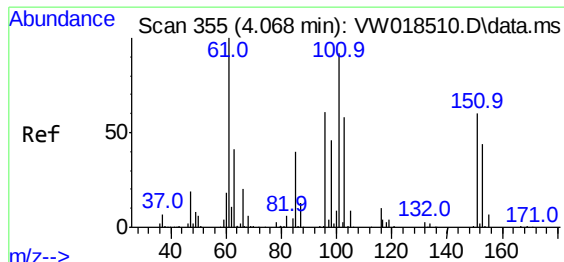
Tgt Ion: 64 Resp: 139431
Ion Ratio Lower Upper
64 100
66 32.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.64 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 101 Resp: 103378
Ion Ratio Lower Upper
101 100
103 63.7 45.6 84.8



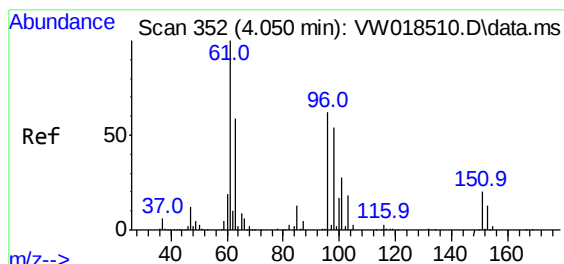
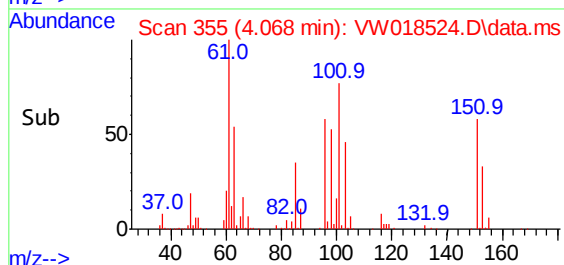
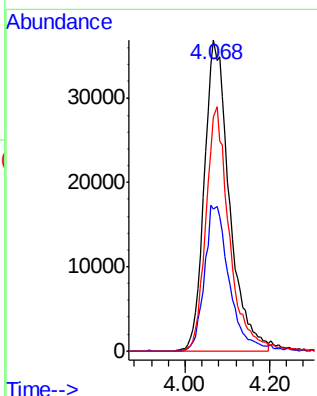
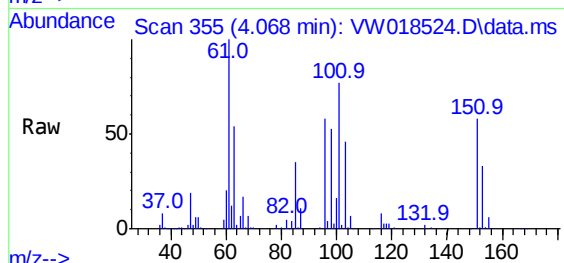


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.00 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018524.D
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Tgt Ion:101 Resp: 145637

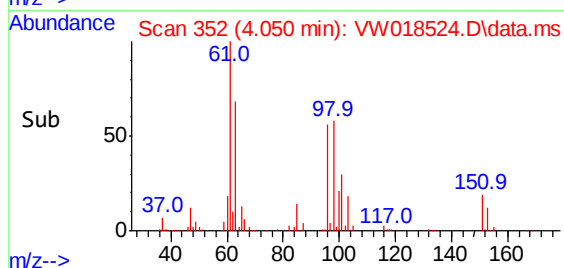
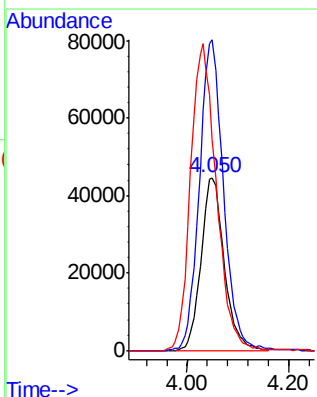
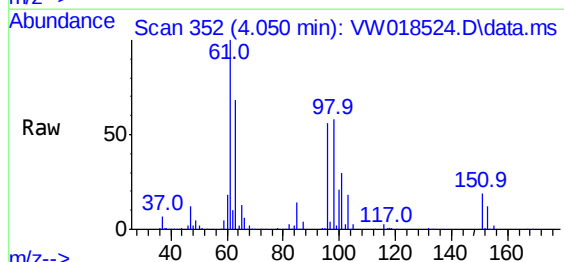
Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.6	53.4
151	73.3	58.1	87.1

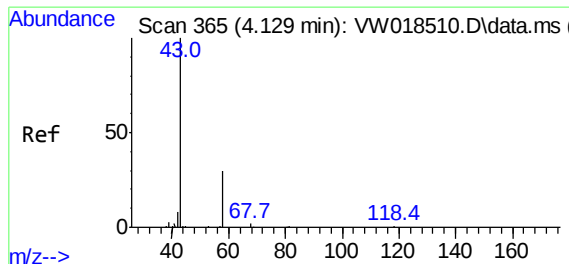


#12
 1,1-Dichloroethene
 Concen: 25.51 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
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Tgt Ion: 96 Resp: 140430

Ion	Ratio	Lower	Upper
96	100		
61	179.7	118.6	220.2
63	121.9	82.4	153.0

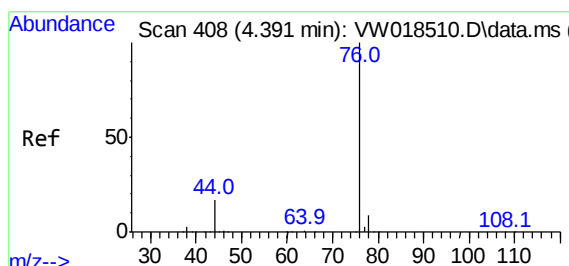
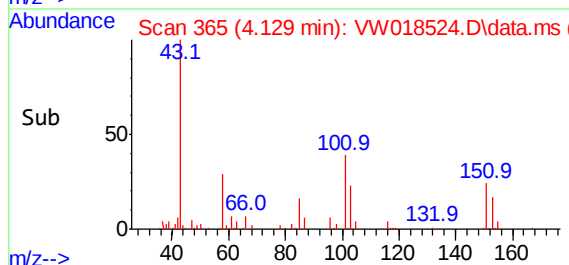
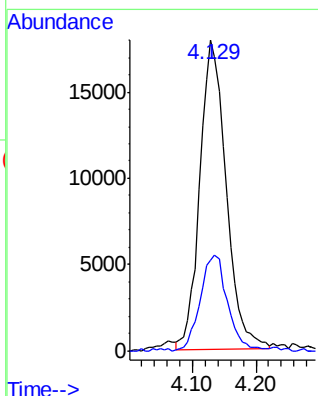
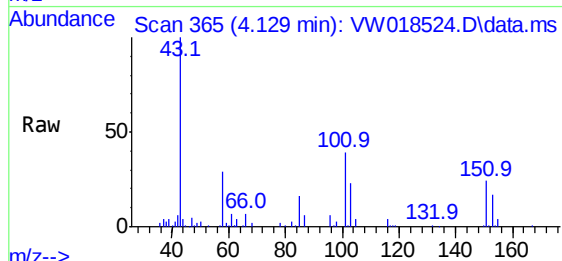




#13
Acetone
Concen: 51.05 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

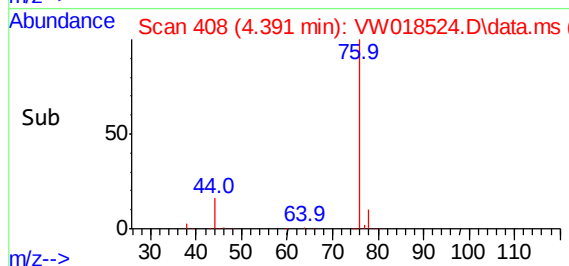
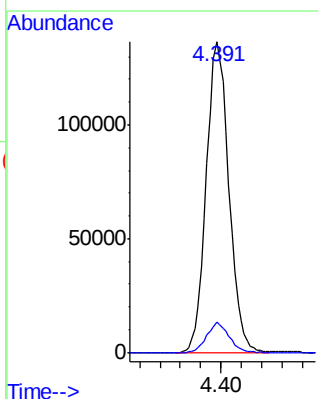
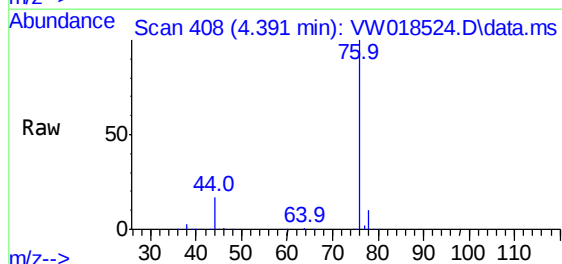
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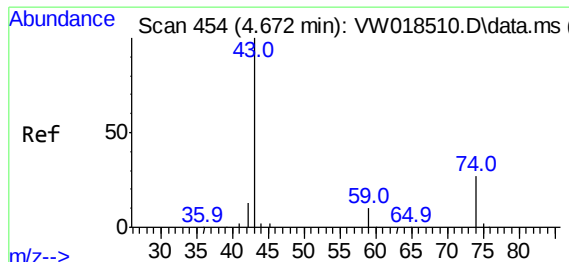
Tgt Ion: 43 Resp: 49834
Ion Ratio Lower Upper
43 100
58 32.2 0.0 62.2



#14
Carbon disulfide
Concen: 25.45 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 422019
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2

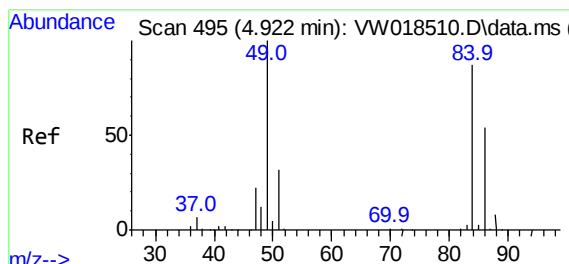
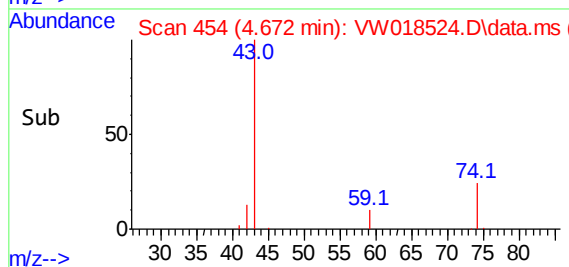
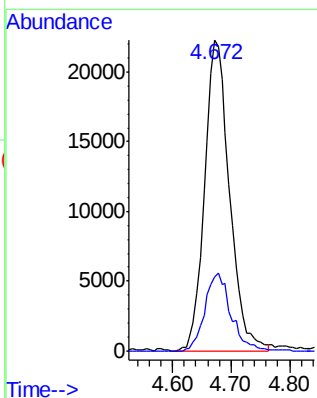
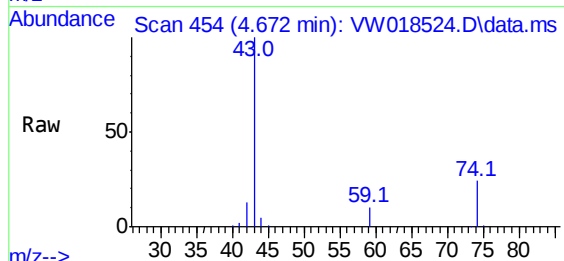




#15
Methyl Acetate
Concen: 29.41 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

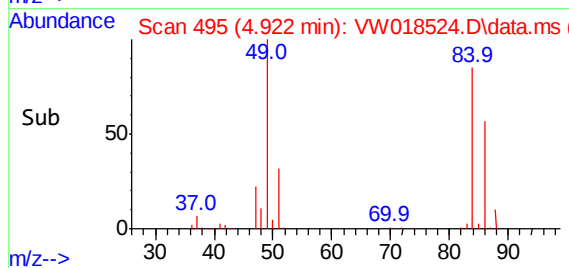
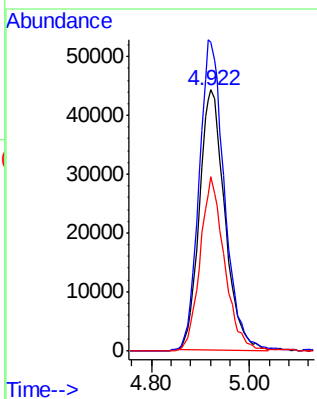
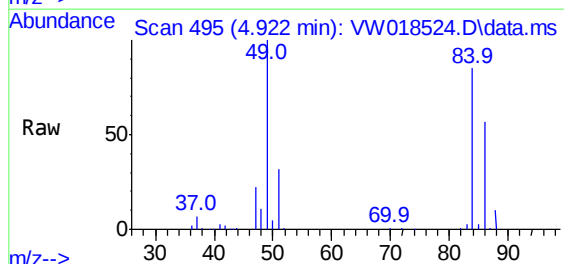
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

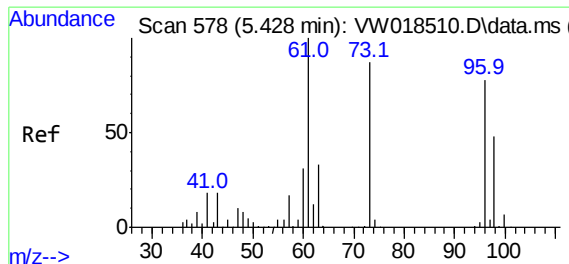
Tgt Ion: 43 Resp: 65669
Ion Ratio Lower Upper
43 100
74 25.8 22.9 34.3



#16
Methylene chloride
Concen: 22.04 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 84 Resp: 158581
Ion Ratio Lower Upper
84 100
49 118.2 74.4 138.2
86 66.9 46.1 85.7



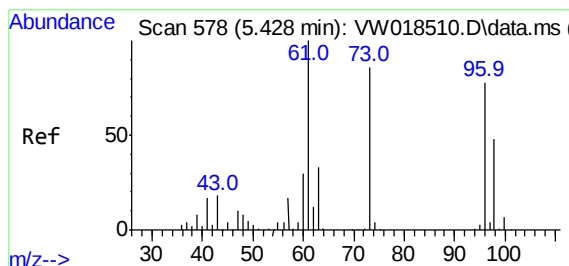
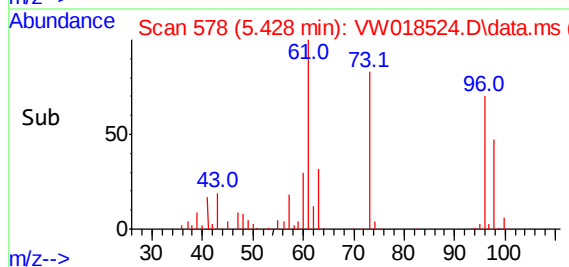
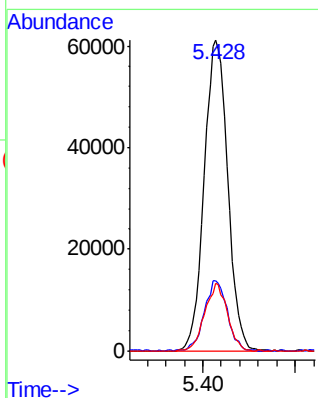
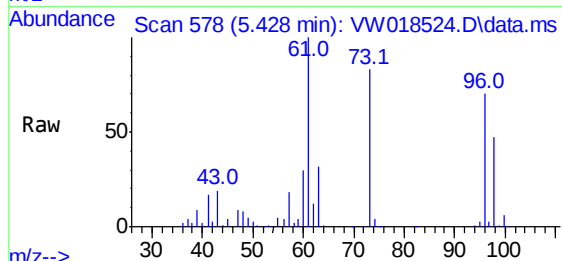


#17
Methyl tert-butyl Ether
Concen: 26.82 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Instrument :
MSVOA_W
ClientSampled :
VSTD02523

Tgt Ion: 73 Resp: 215747

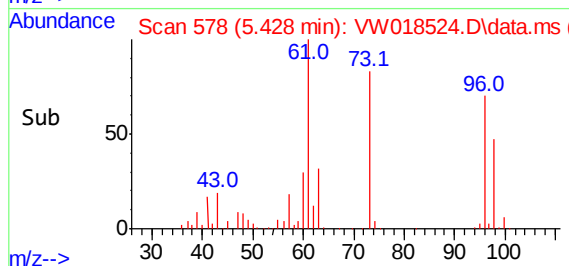
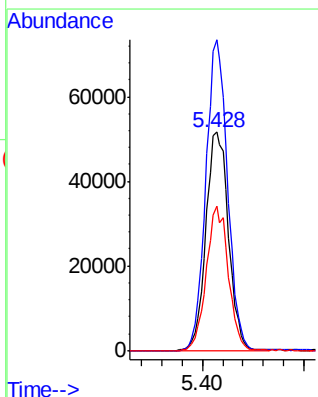
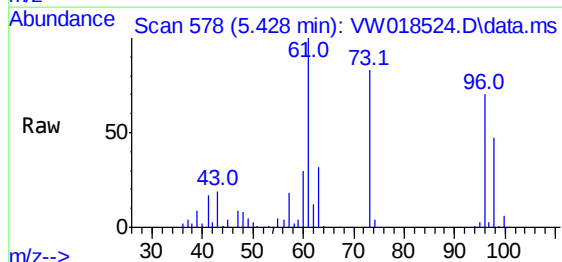
Ion	Ratio	Lower	Upper
73	100		
43	21.9	16.6	24.8
57	20.7	15.9	23.9

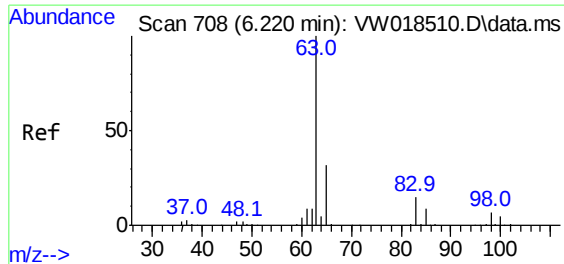


#18
trans-1,2-Dichloroethene
Concen: 26.07 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 96 Resp: 158475

Ion	Ratio	Lower	Upper
96	100		
61	142.4	93.3	173.3
98	66.2	45.2	84.0

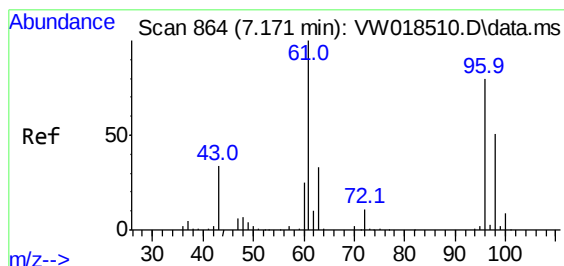
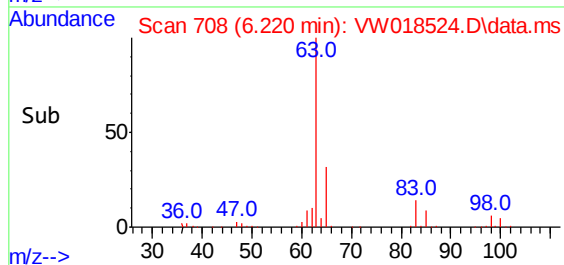
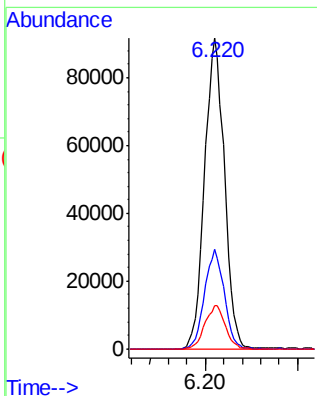
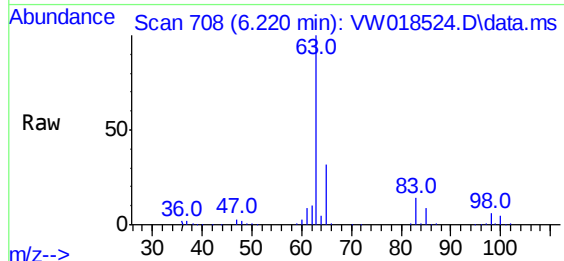




#19
1,1-Dichloroethane
Concen: 26.32 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

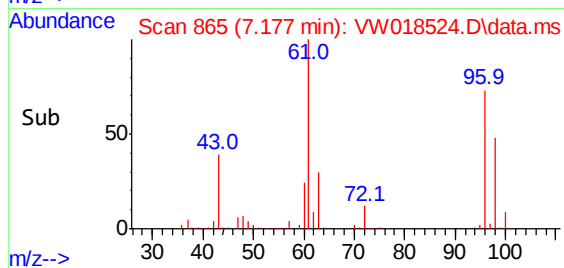
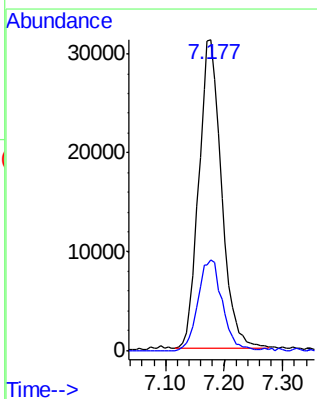
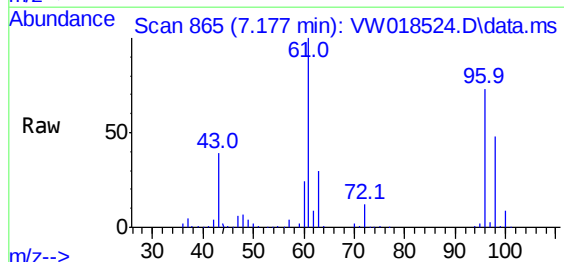
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

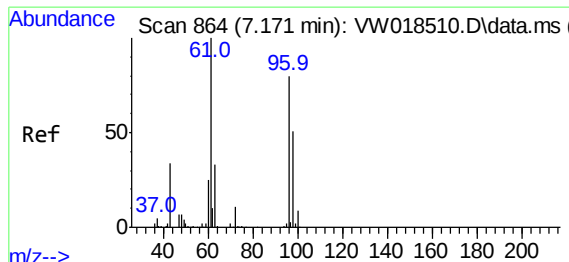
Tgt Ion: 63 Resp: 272951
Ion Ratio Lower Upper
63 100
65 32.0 23.5 43.7
83 13.8 10.3 19.1



#21
2-Butanone
Concen: 54.17 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 43 Resp: 84011
Ion Ratio Lower Upper
43 100
72 31.4 16.5 49.5



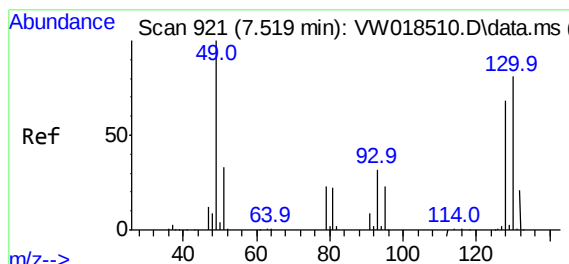
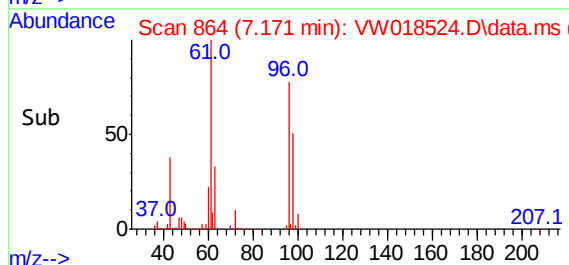
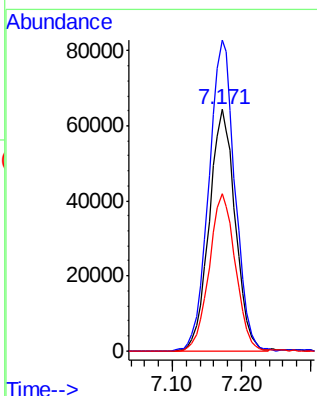
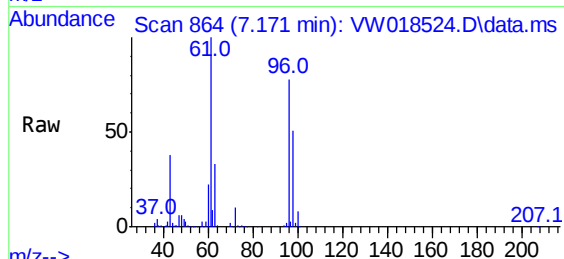


#22
cis-1,2-Dichloroethene
Concen: 26.26 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 96 Resp: 167861

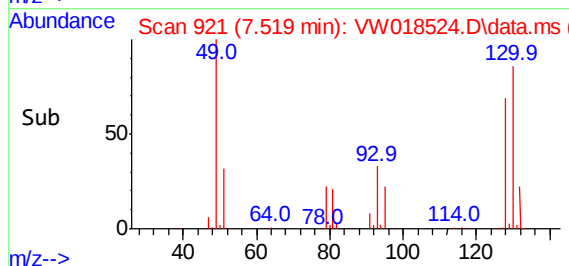
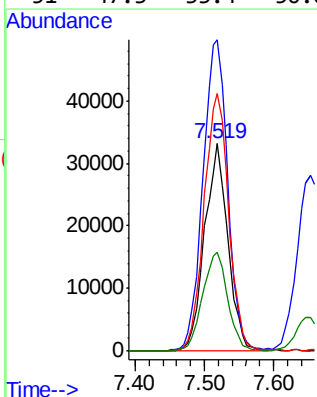
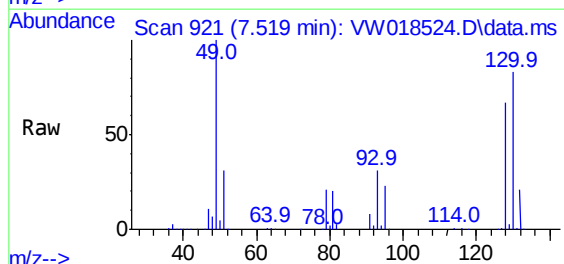
Ion	Ratio	Lower	Upper
96	100		
61	128.9	84.8	157.6
98	65.3	45.1	83.9

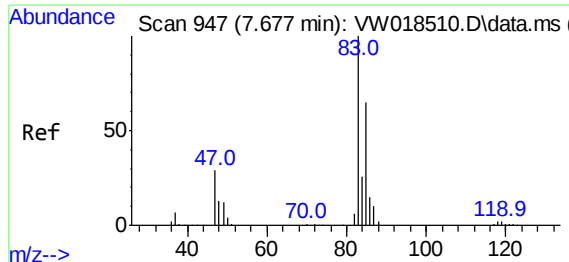


#23
Bromochloromethane
Concen: 27.20 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 128 Resp: 76964

Ion	Ratio	Lower	Upper
128	100		
49	150.3	92.4	171.6
130	124.5	83.9	155.7
51	47.3	33.4	50.0

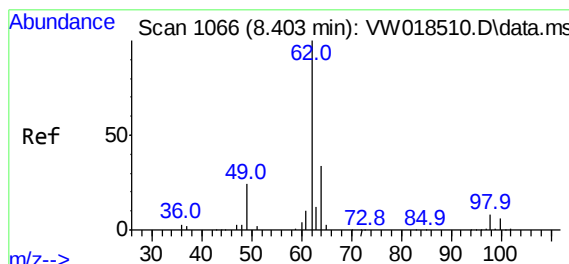
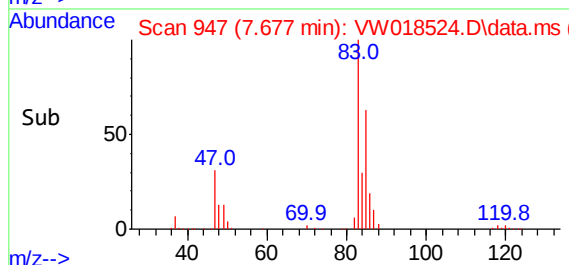
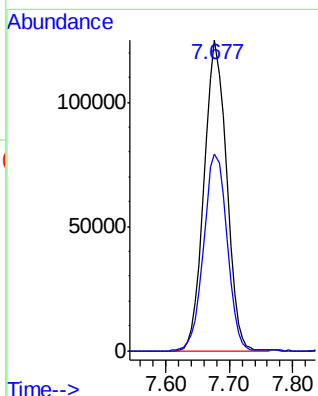
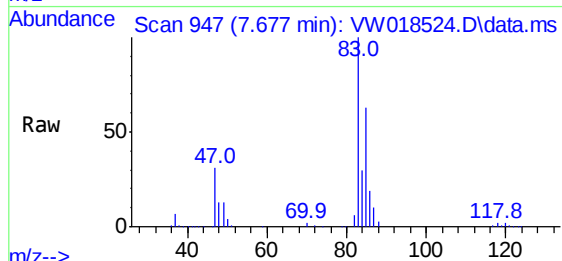




#25
Chloroform
Concen: 26.94 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

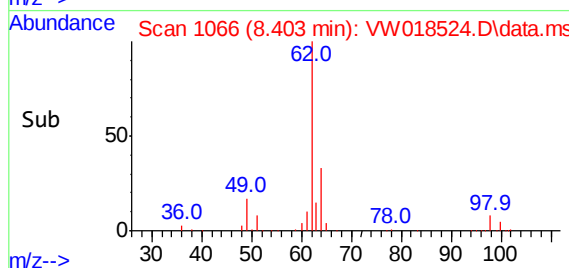
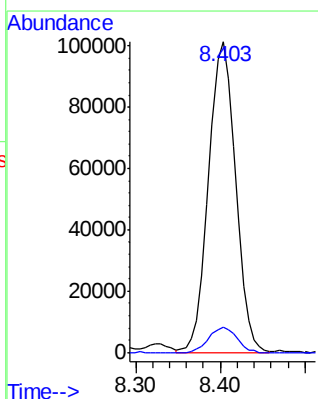
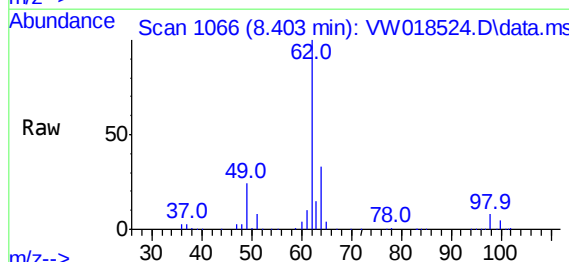
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

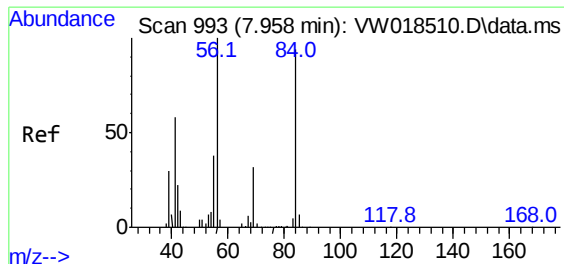
Tgt Ion: 83 Resp: 296486
Ion Ratio Lower Upper
83 100
85 66.2 46.4 86.2



#27
1,2-Dichloroethane
Concen: 28.11 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 62 Resp: 219525
Ion Ratio Lower Upper
62 100
98 8.1 6.4 9.6

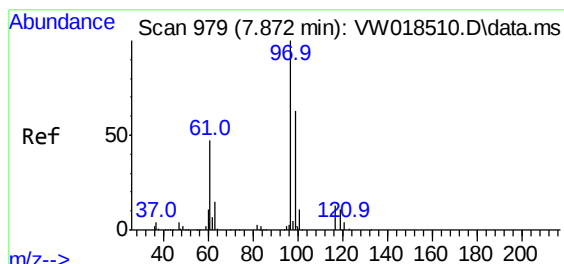
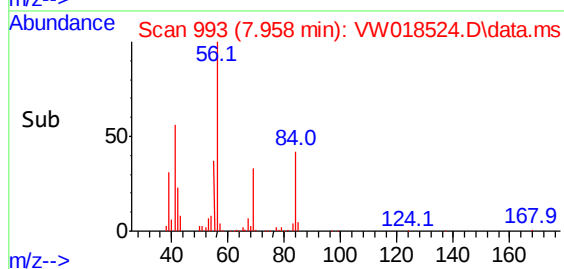
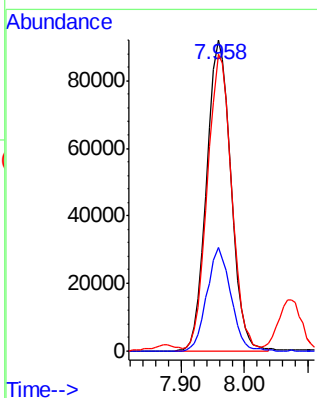
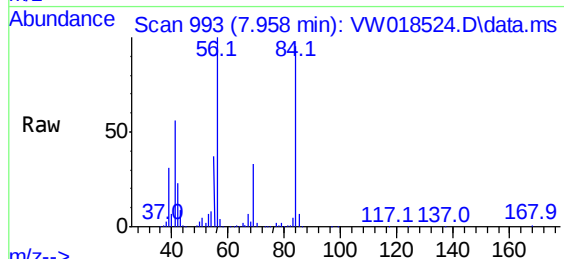




#30
Cyclohexane
Concen: 23.41 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

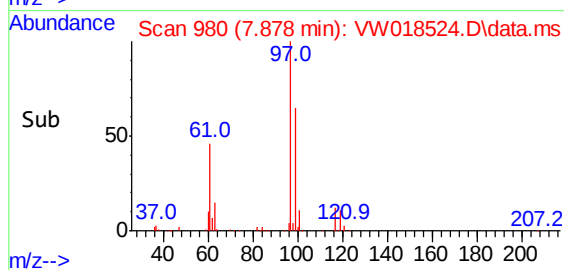
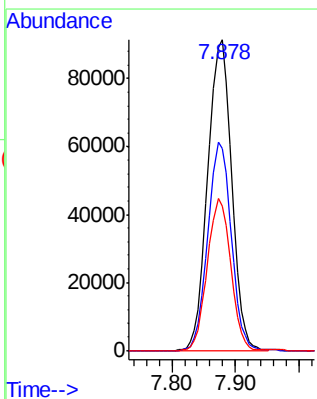
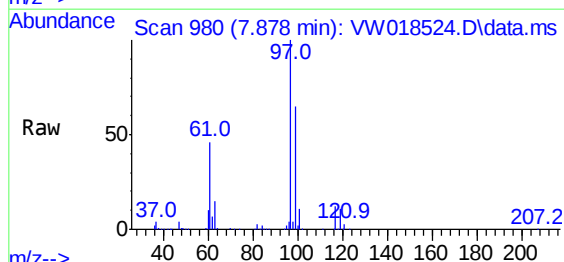
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

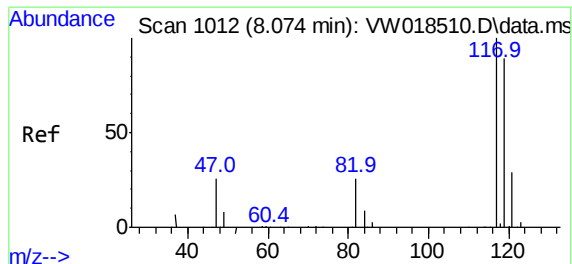
Tgt Ion: 56 Resp: 236448
Ion Ratio Lower Upper
56 100
69 32.5 27.0 40.6
84 95.4 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 24.40 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 97 Resp: 232086
Ion Ratio Lower Upper
97 100
99 65.5 51.7 77.5
61 47.6 34.8 52.2

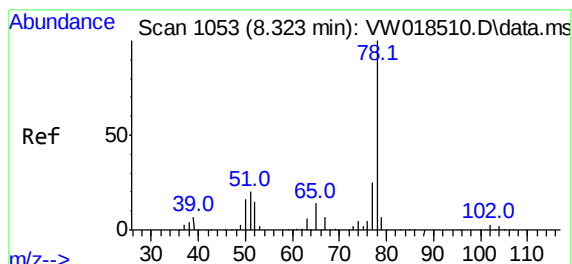
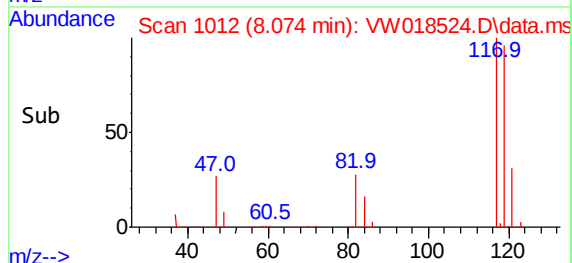
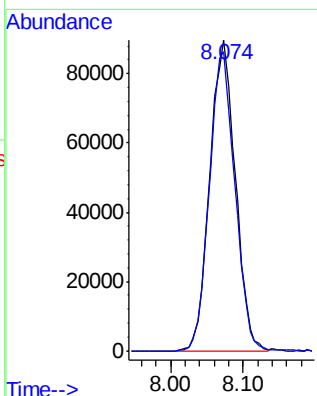
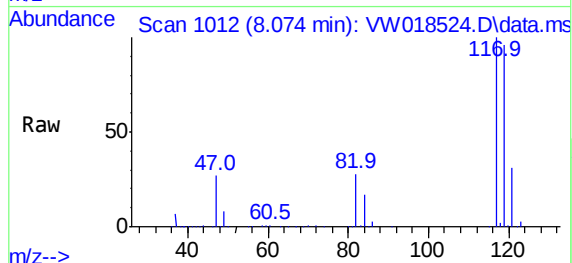




#32
Carbon tetrachloride
Concen: 24.55 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

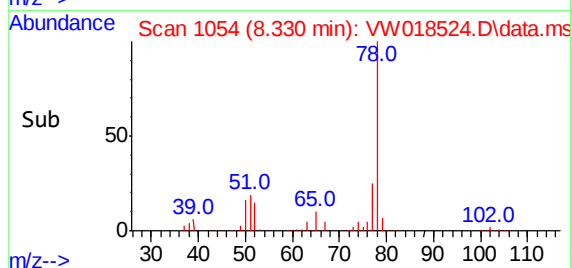
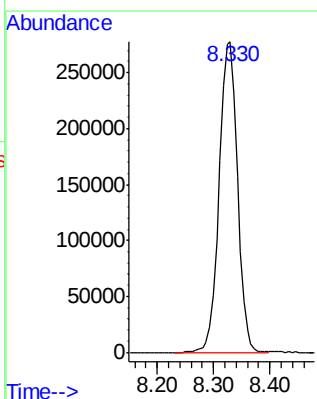
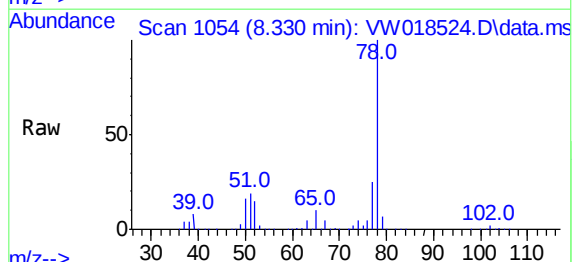
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

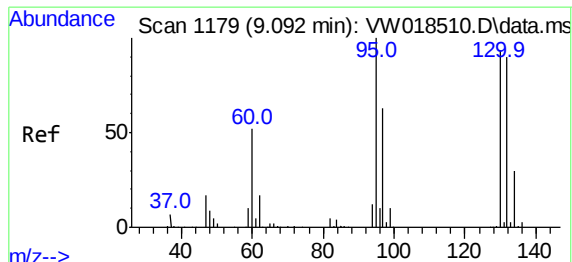
Tgt Ion:117 Resp: 217531
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1



#34
Benzene
Concen: 25.48 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 78 Resp: 627969



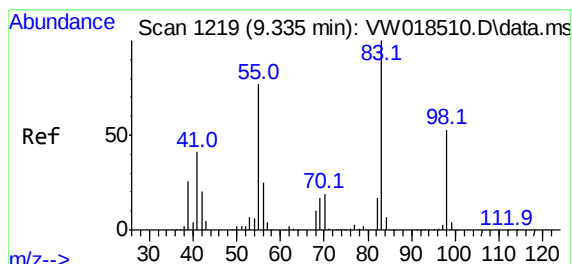
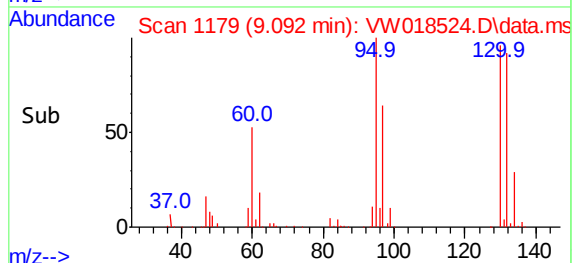
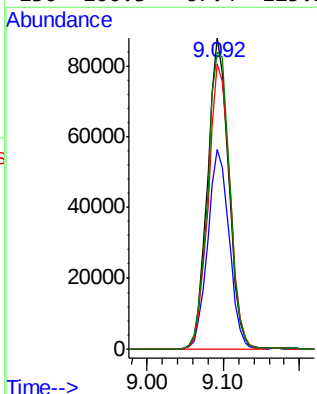
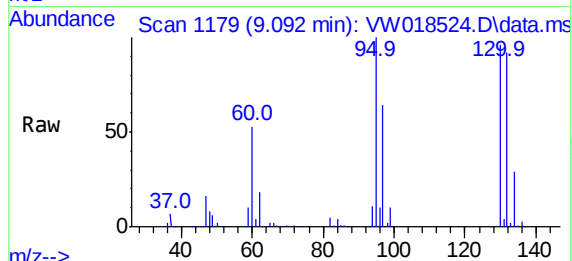


#35
Trichloroethene
Concen: 24.80 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 95 Resp: 168838

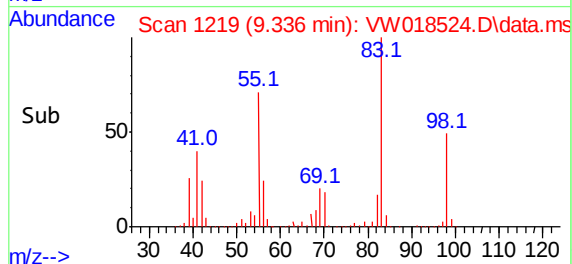
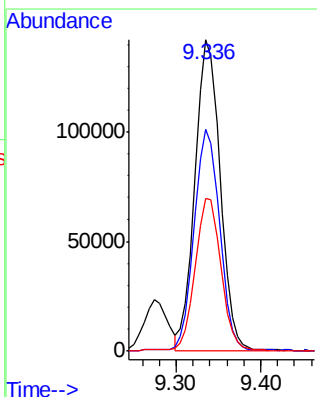
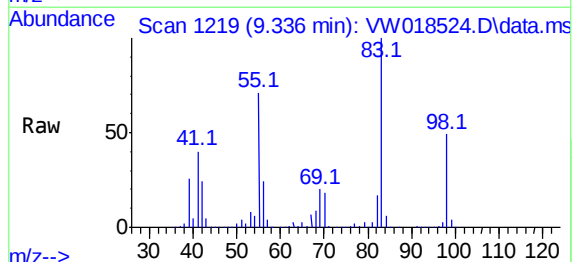
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.4	82.4
132	93.9	65.9	122.5
130	100.3	67.4	125.2

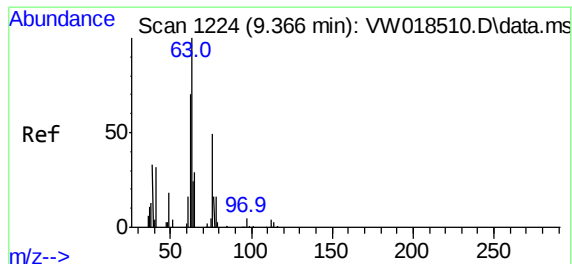


#36
Methylcyclohexane
Concen: 24.06 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 83 Resp: 286783

Ion	Ratio	Lower	Upper
83	100		
55	71.8	56.8	85.2
98	49.7	40.6	61.0

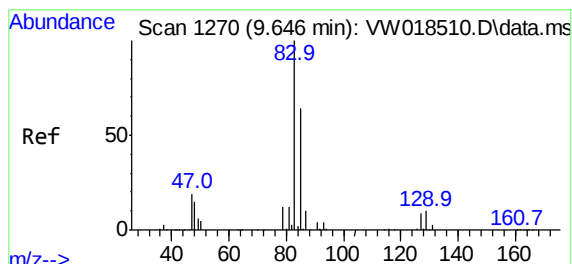
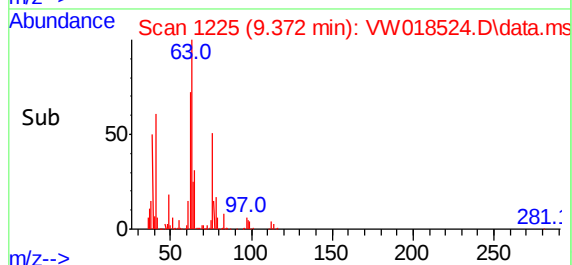
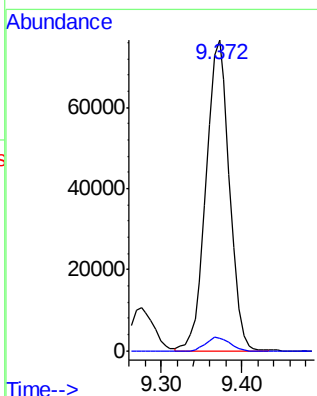
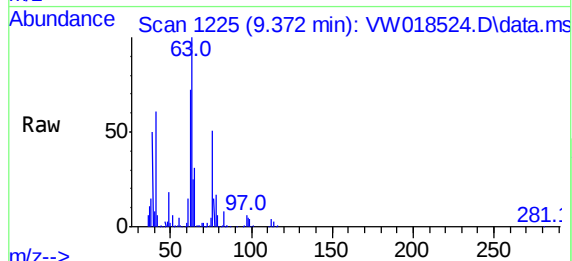




#40
1,2-Dichloropropane
Concen: 25.78 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

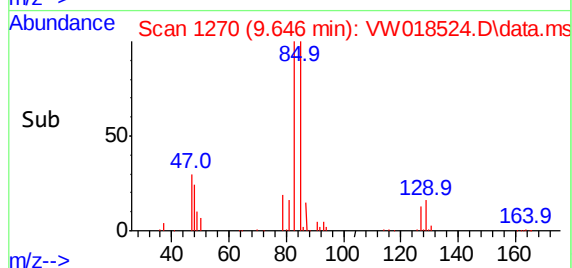
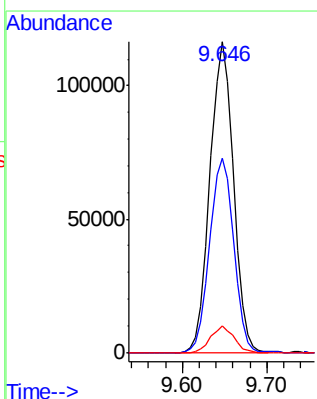
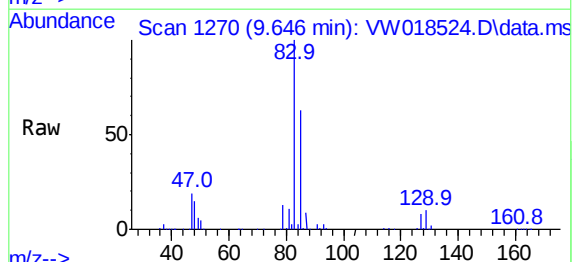
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

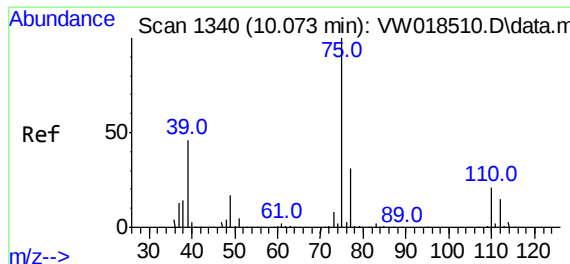
Tgt Ion: 63 Resp: 155391
Ion Ratio Lower Upper
63 100
112 4.4 4.2 6.4



#41
Bromodichloromethane
Concen: 25.67 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 83 Resp: 218751
Ion Ratio Lower Upper
83 100
85 62.6 43.8 81.4
127 8.4 6.9 10.3

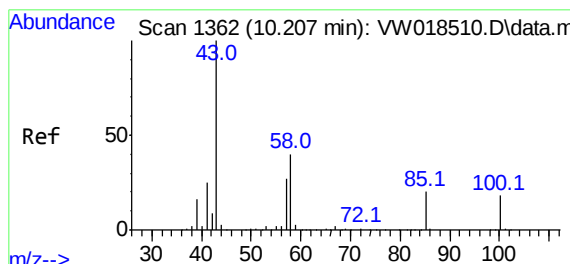
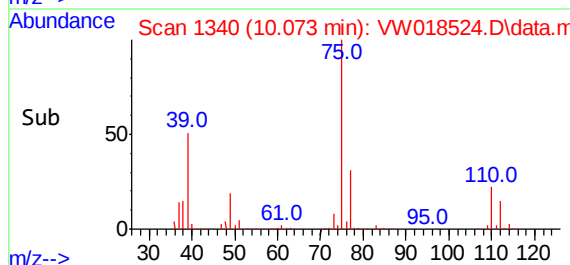
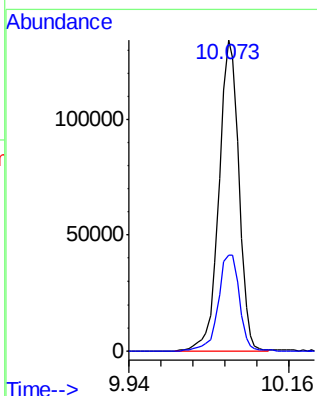
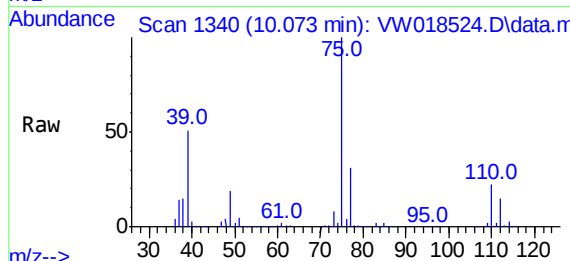




#42
cis-1,3-Dichloropropene
Concen: 24.73 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

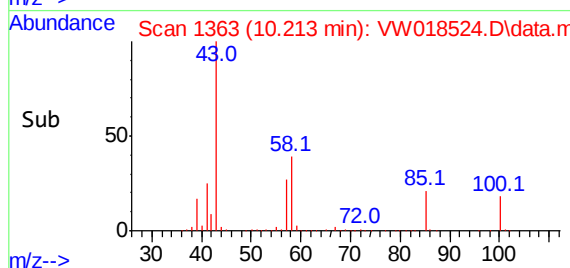
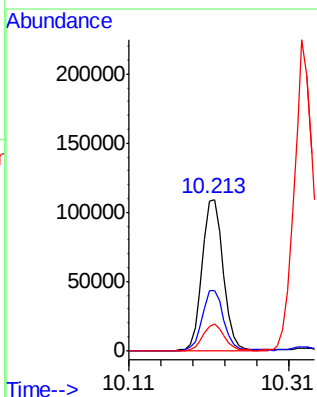
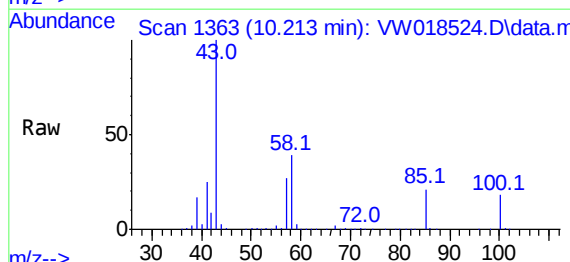
Instrument :
MSVOA_W
ClientSampled :
VSTD02523

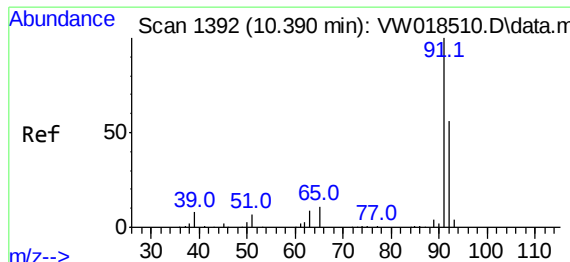
Tgt Ion: 75 Resp: 252087
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 55.00 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 43 Resp: 199388
Ion Ratio Lower Upper
43 100
58 39.8 34.8 52.2
100 17.3 15.9 23.9





#44

Toluene

Concen: 26.25 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018524.D

Acq: 31 Mar 2021 19:58

Instrument :

MSVOA_W

ClientSampleId :

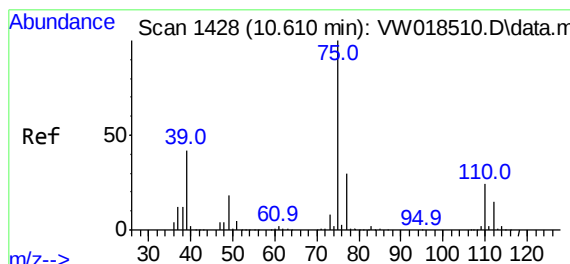
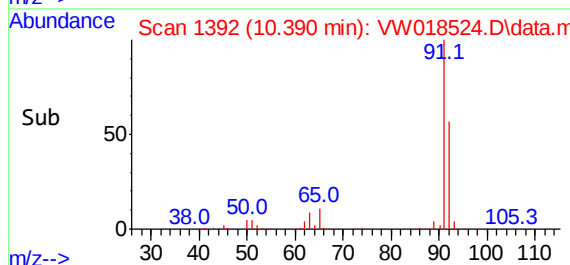
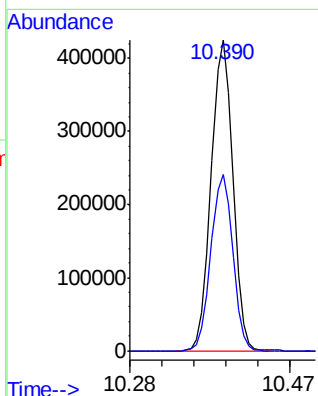
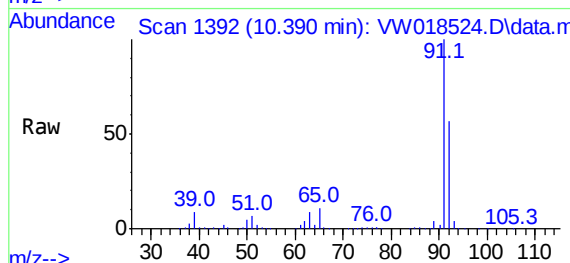
VSTD02523

Tgt Ion: 91 Resp: 735314

Ion Ratio Lower Upper

91 100

92 56.9 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 25.70 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW018524.D

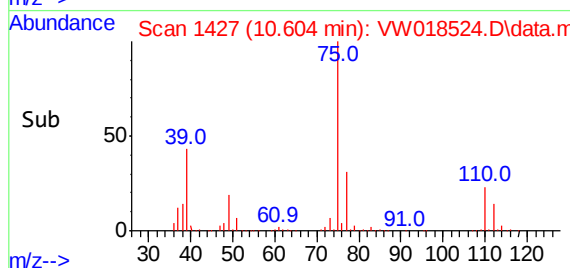
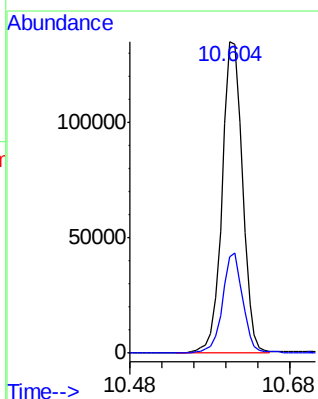
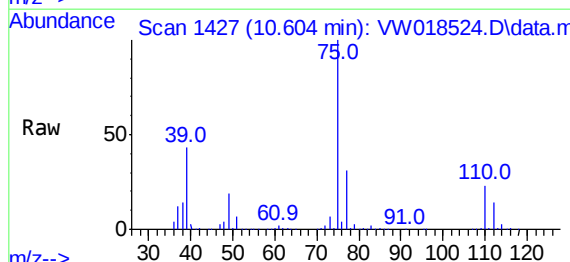
Acq: 31 Mar 2021 19:58

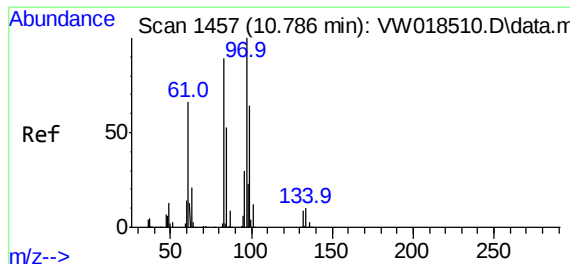
Tgt Ion: 75 Resp: 235259

Ion Ratio Lower Upper

75 100

77 30.6 22.6 42.0



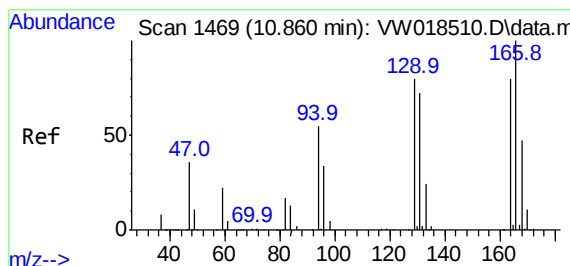
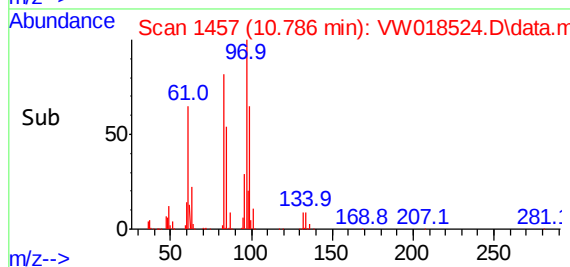
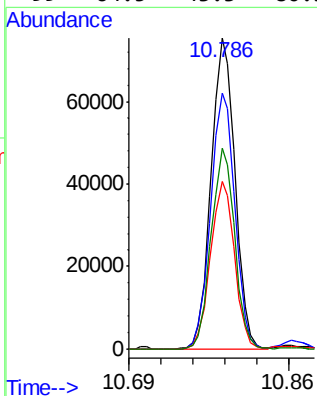
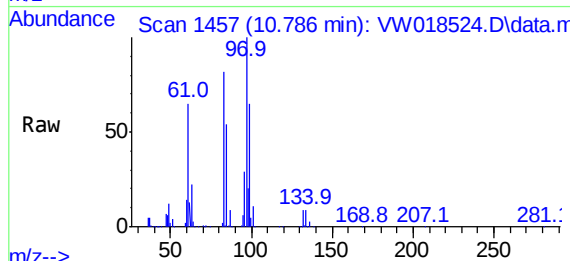


#46
1,1,2-Trichloroethane
Concen: 27.00 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 97 Resp: 129788

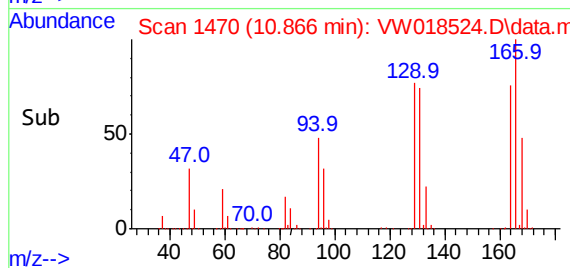
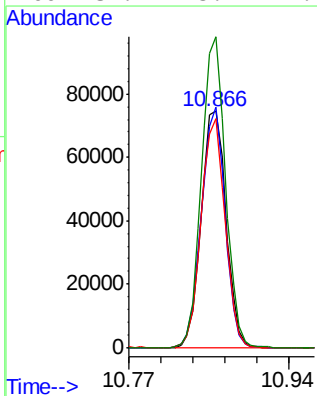
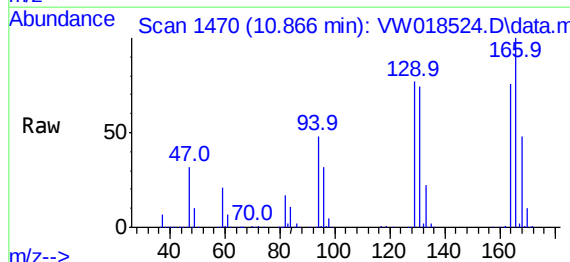
Ion	Ratio	Lower	Upper
97	100		
83	82.4	58.9	109.5
85	53.9	38.4	71.4
99	64.5	43.3	80.3

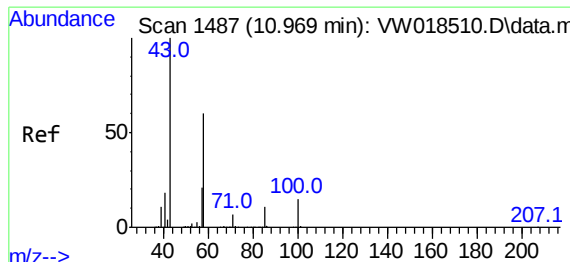


#47
Tetrachloroethene
Concen: 25.68 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 164 Resp: 132739

Ion	Ratio	Lower	Upper
164	100		
129	101.7	68.8	127.8
131	96.8	68.3	126.8
166	131.7	95.4	177.2



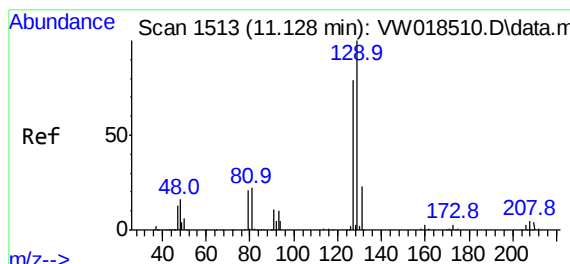
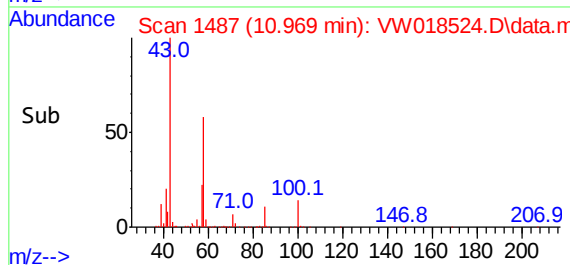
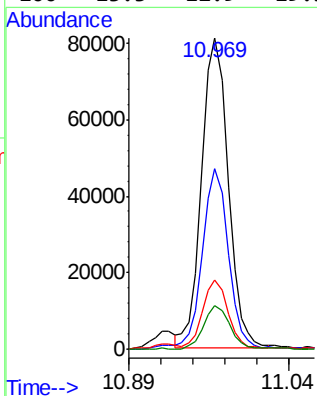
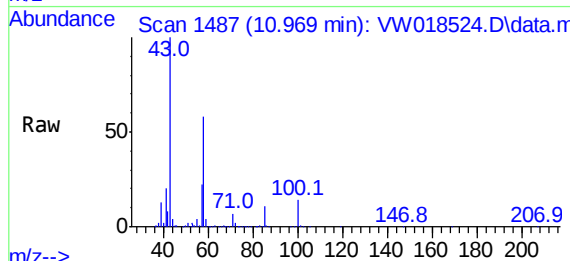


#49
2-Hexanone
Concen: 54.05 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 43 Resp: 138651

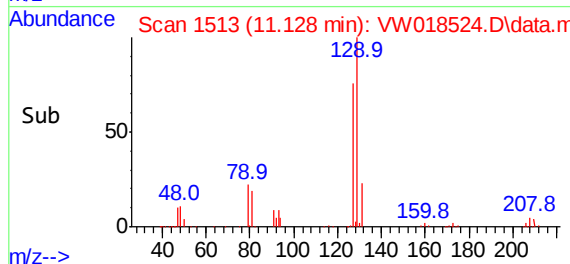
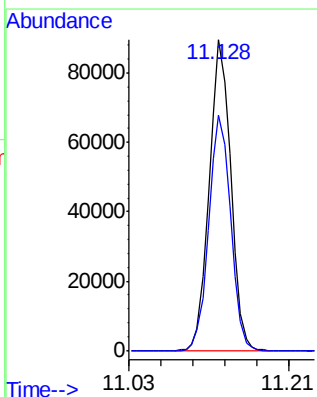
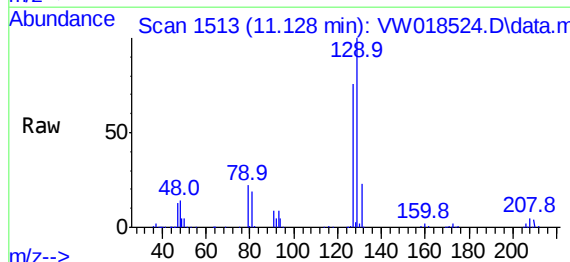
Ion	Ratio	Lower	Upper
43	100		
58	56.1	47.3	70.9
57	20.8	17.3	25.9
100	13.3	12.9	19.3

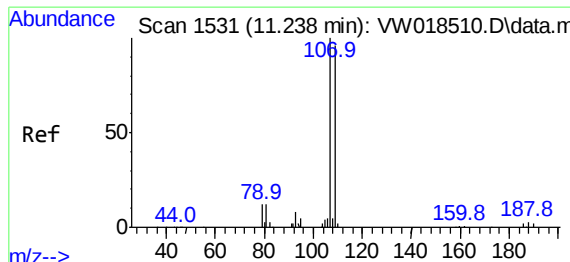


#50
Dibromochloromethane
Concen: 26.42 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 129 Resp: 149719

Ion	Ratio	Lower	Upper
129	100		
127	75.7	58.0	107.6

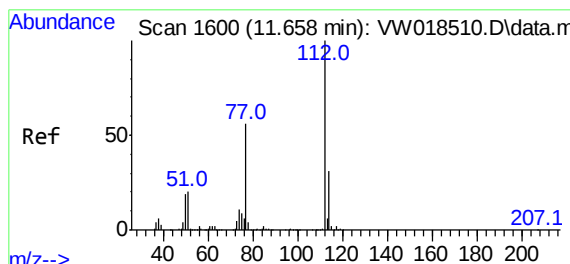
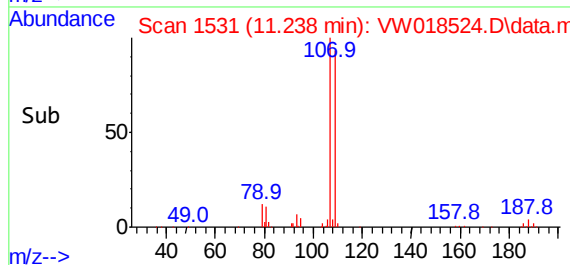
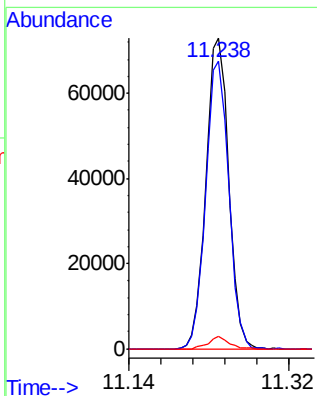
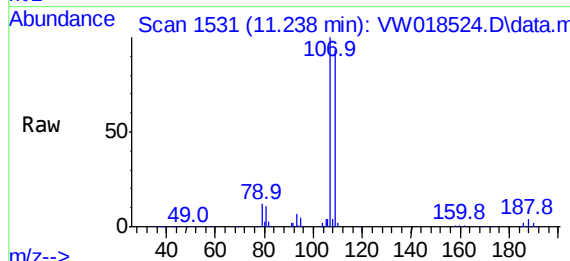




#51
1,2-Dibromoethane
Concen: 27.09 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

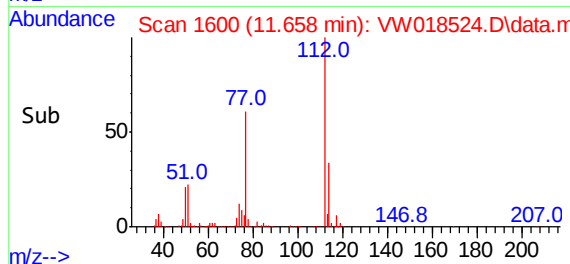
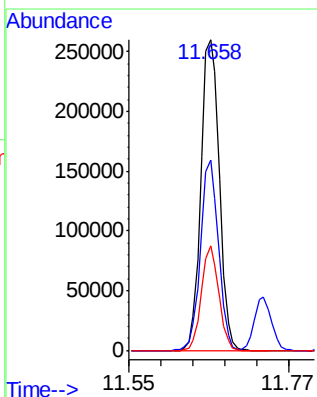
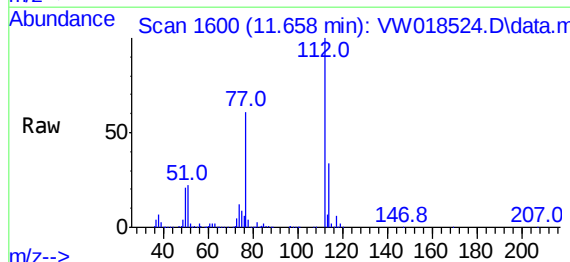
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

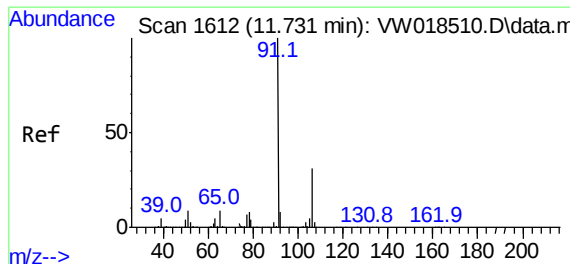
Tgt Ion:107 Resp: 128963
Ion Ratio Lower Upper
107 100
109 92.6 65.9 122.5
188 4.1 3.0 4.4



#52
Chlorobenzene
Concen: 25.91 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion:112 Resp: 460252
Ion Ratio Lower Upper
112 100
77 61.3 45.4 68.2
114 33.7 22.5 41.9

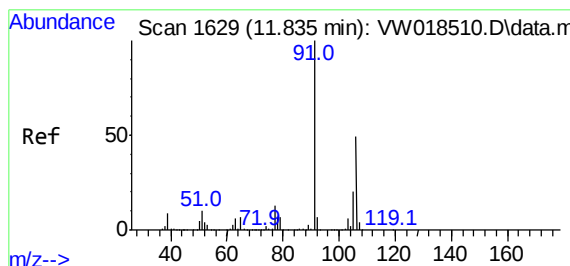
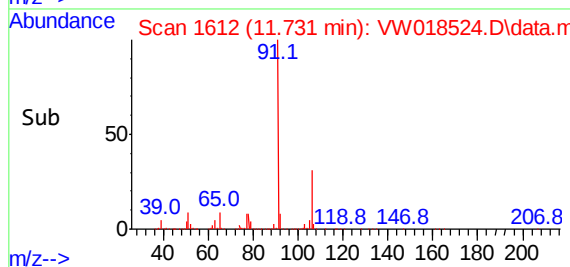
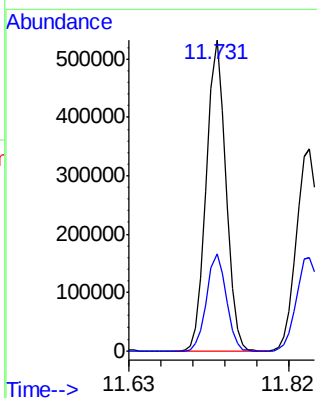
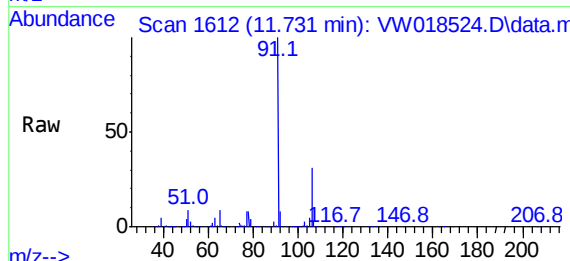




#53
Ethylbenzene
Concen: 25.96 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

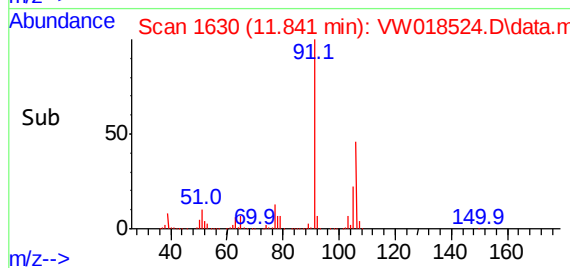
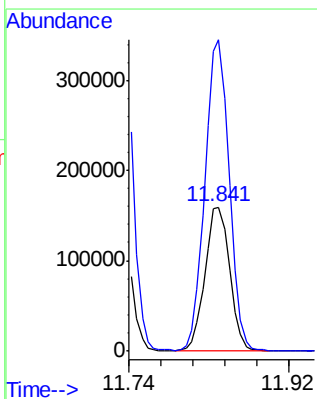
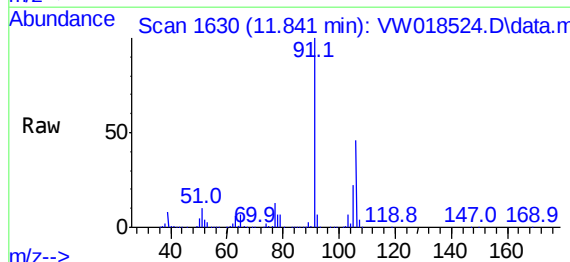
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

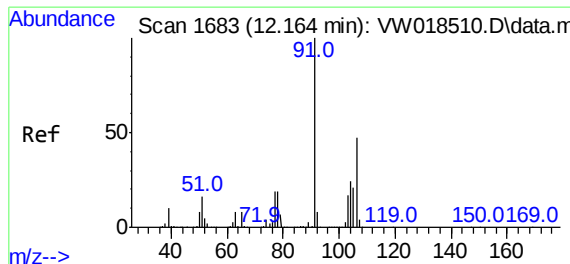
Tgt Ion: 91 Resp: 819982
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3



#54
m,p-Xylene
Concen: 25.30 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 106 Resp: 305411
Ion Ratio Lower Upper
106 100
91 216.8 145.3 269.8

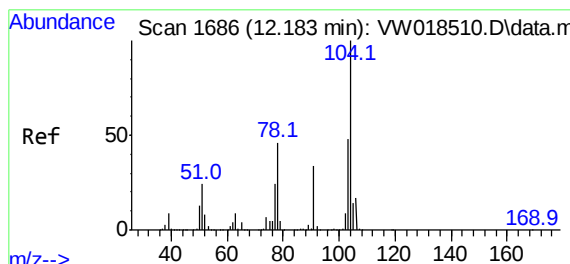
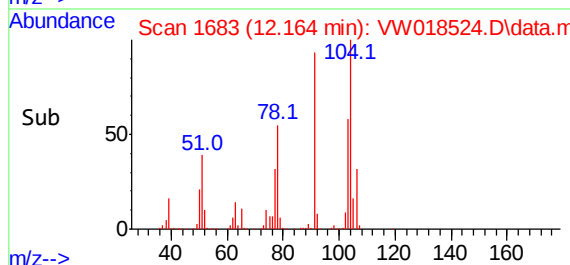
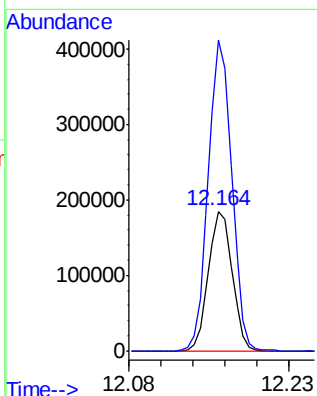
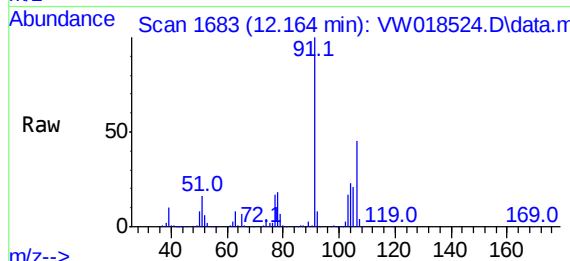




#55
o-xylene
Concen: 26.00 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

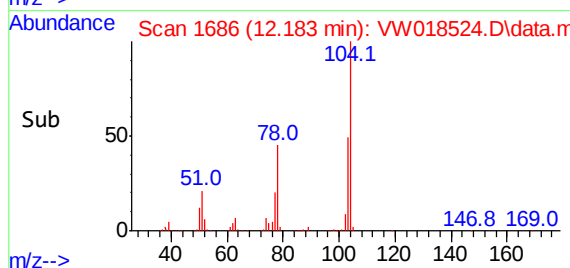
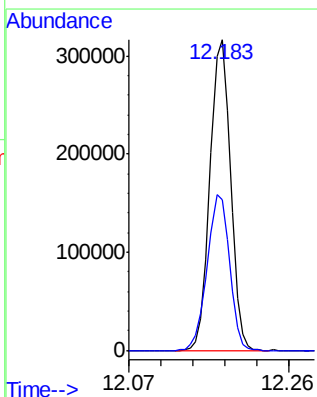
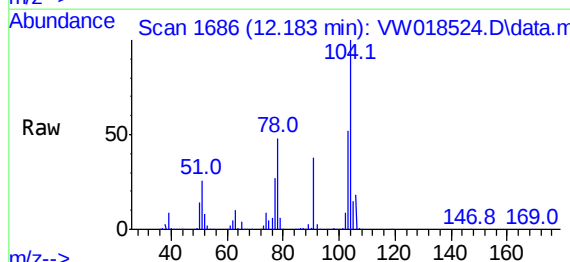
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

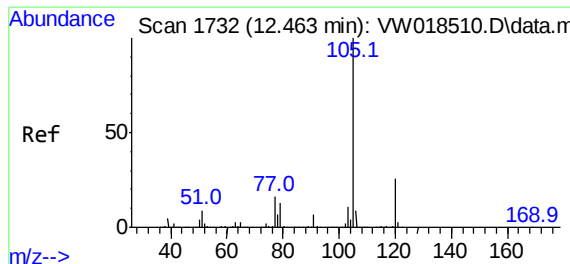
Tgt Ion:106 Resp: 299210
Ion Ratio Lower Upper
106 100
91 222.8 154.3 286.5



#56
Styrene
Concen: 26.42 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion:104 Resp: 518304
Ion Ratio Lower Upper
104 100
78 48.3 34.7 64.5

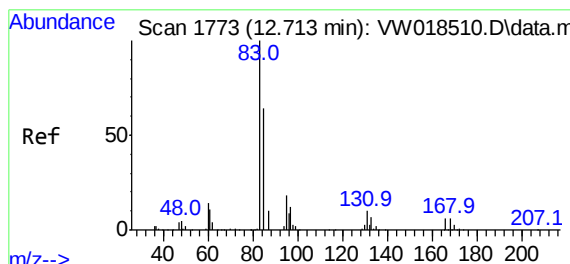
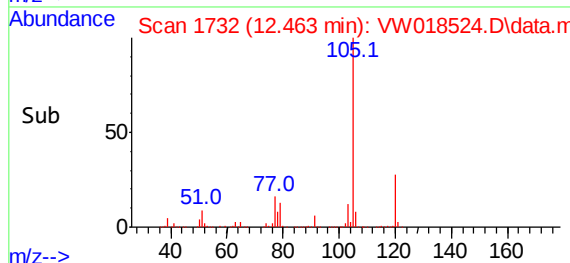
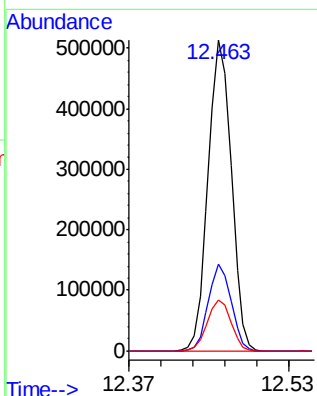
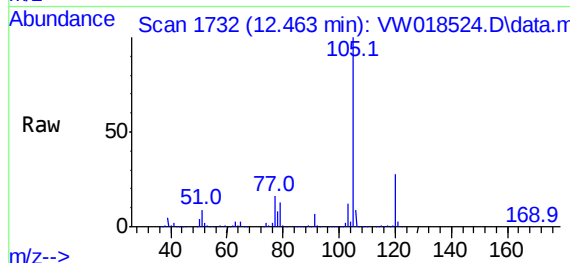




#57
Isopropylbenzene
Concen: 25.92 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

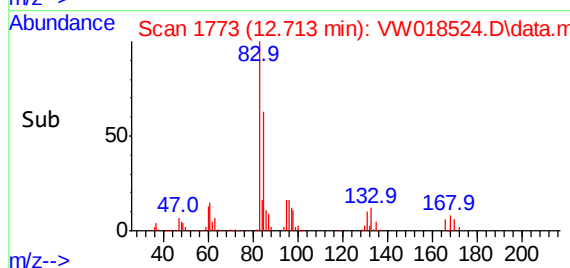
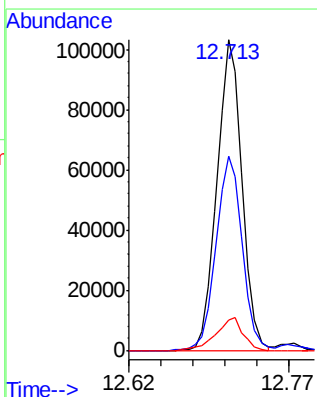
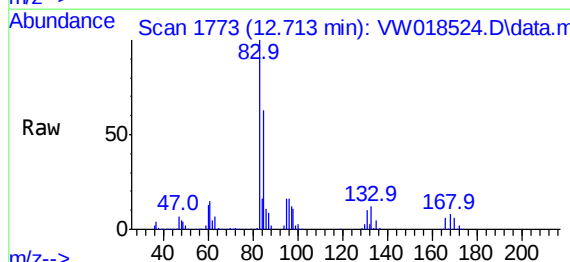
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

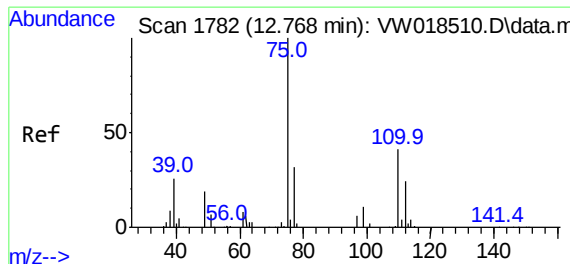
Tgt Ion: 105 Resp: 811140
Ion Ratio Lower Upper
105 100
120 27.2 20.9 31.3
77 16.7 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 28.33 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 83 Resp: 164809
Ion Ratio Lower Upper
83 100
85 62.6 49.0 91.0
131 9.9 8.7 13.1

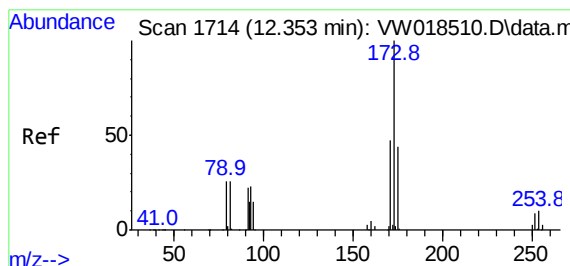
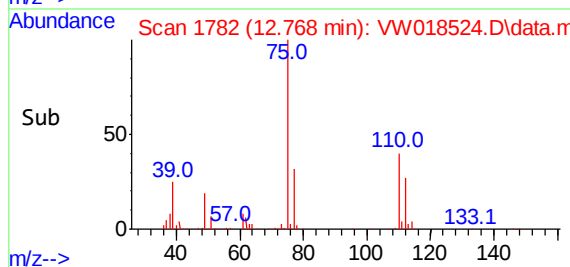
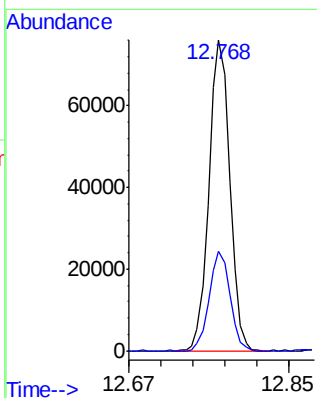
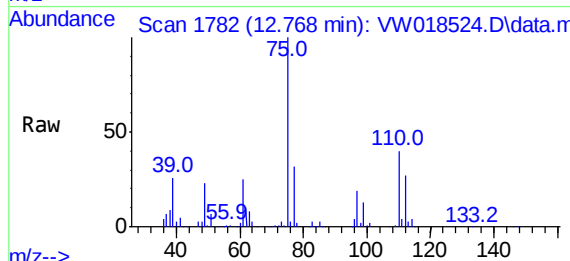




#59
1,2,3-Trichloropropane
Concen: 28.02 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

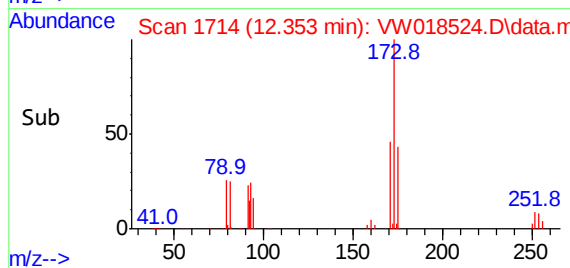
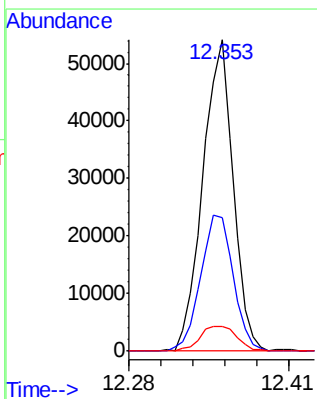
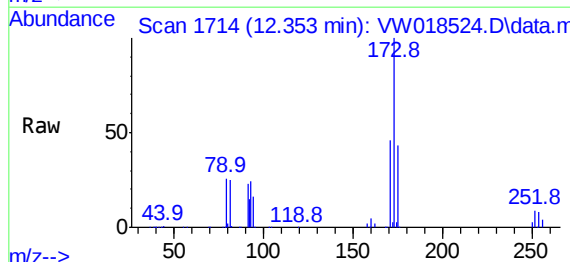
Instrument :
MSVOA_W
ClientSampleID :
VSTD02523

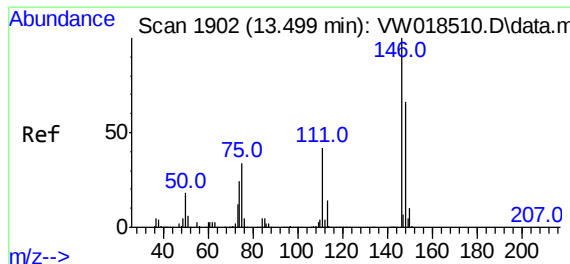
Tgt Ion: 75 Resp: 123080
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



#62
Bromoform
Concen: 25.16 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 173 Resp: 87215
Ion Ratio Lower Upper
173 100
175 46.6 38.2 57.2
254 9.3 6.0 9.0#

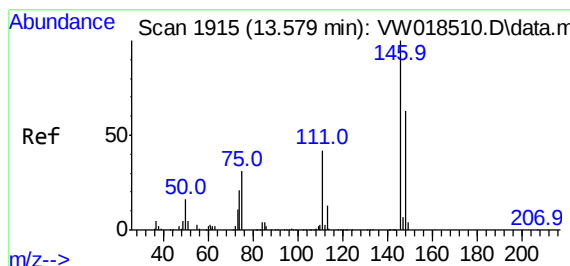
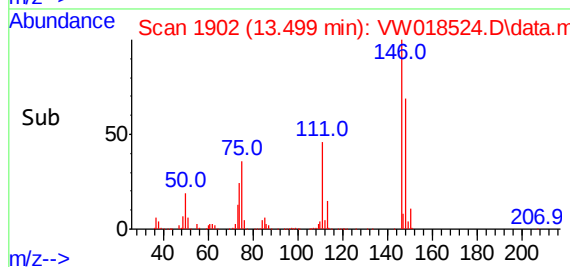
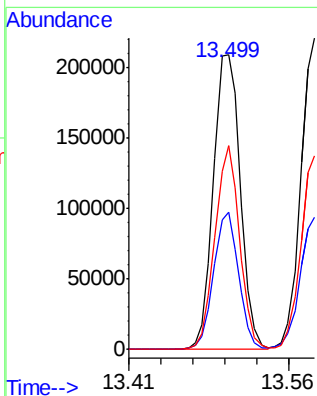
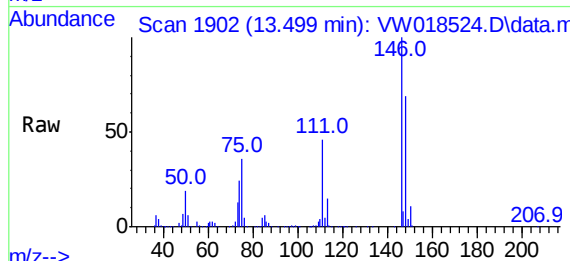




#63
1,3-Dichlorobenzene
Concen: 24.73 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

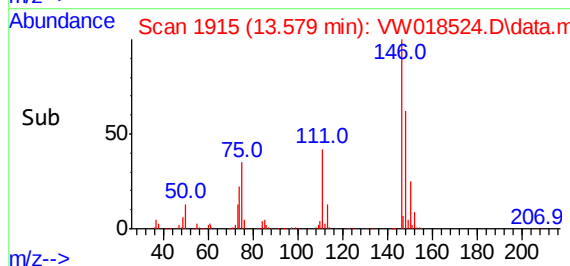
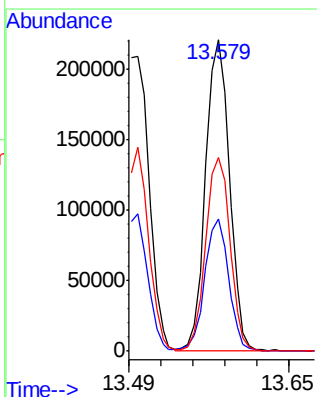
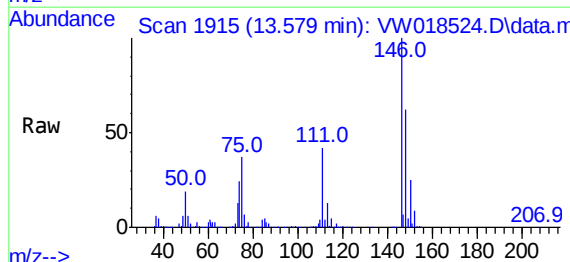
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

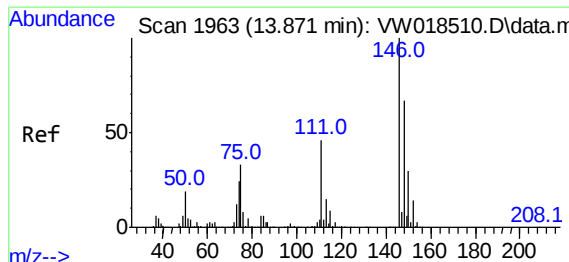
Tgt Ion:146 Resp: 357904
Ion Ratio Lower Upper
146 100
111 46.4 27.5 51.1
148 69.4 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 24.53 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion:146 Resp: 358109
Ion Ratio Lower Upper
146 100
111 42.4 28.3 52.5
148 62.1 47.3 87.9

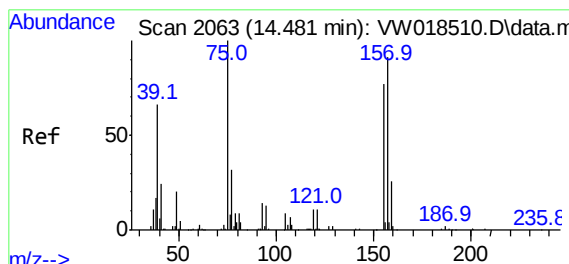
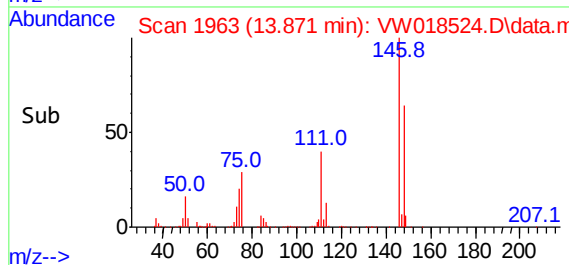
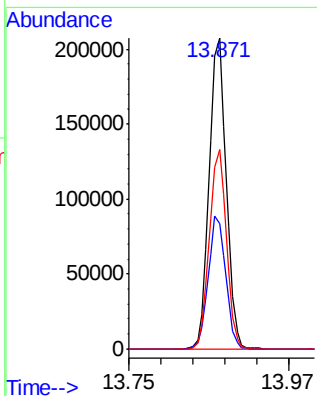
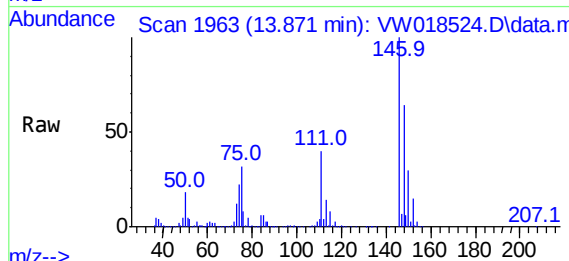




#65
1,2-Dichlorobenzene
Concen: 25.99 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

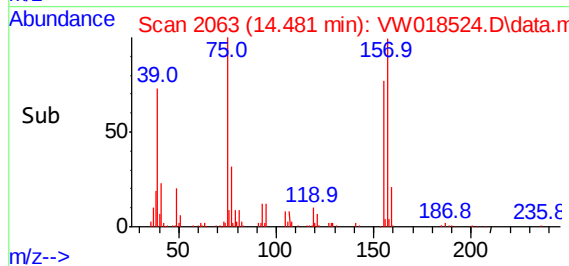
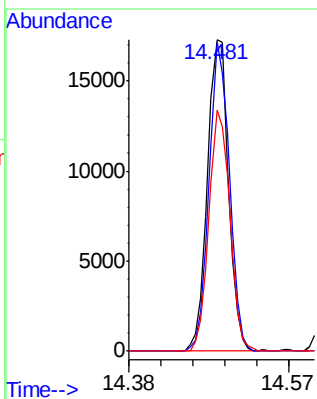
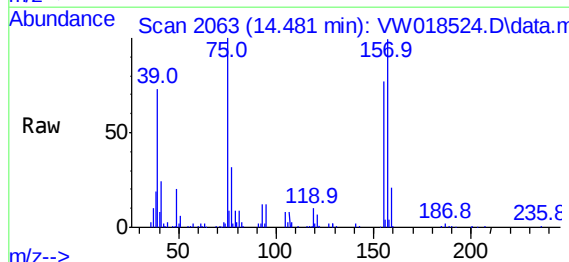
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

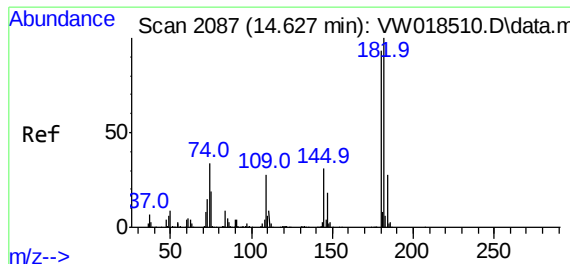
Tgt Ion:146 Resp: 336072
Ion Ratio Lower Upper
146 100
111 40.4 36.0 54.0
148 64.2 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 24.53 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion: 75 Resp: 28673
Ion Ratio Lower Upper
75 100
157 99.0 65.2 97.8#
155 77.4 60.1 90.1

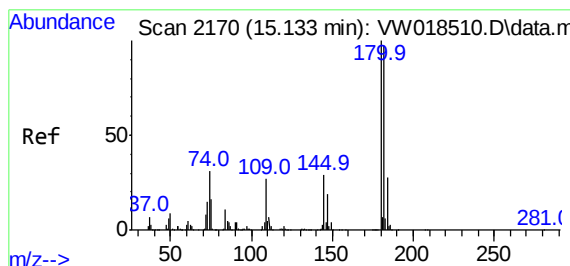
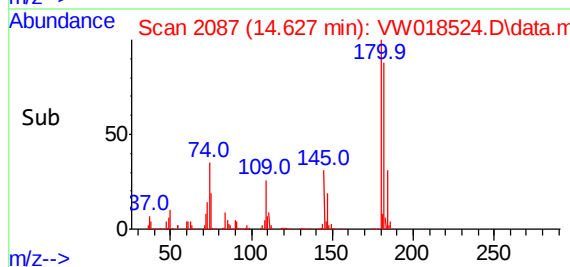
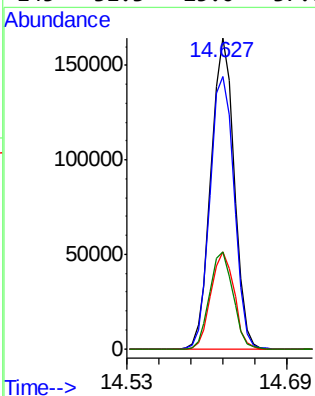
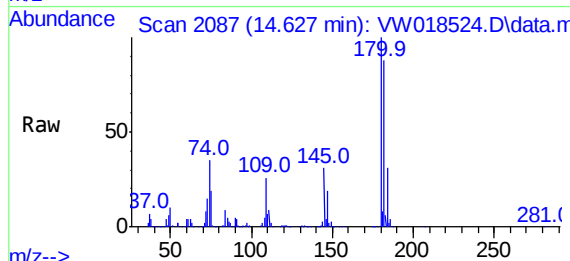




#67
 1,3,5-Trichlorobenzene
 Concen: 24.84 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018524.D
 Acq: 31 Mar 2021 19:58

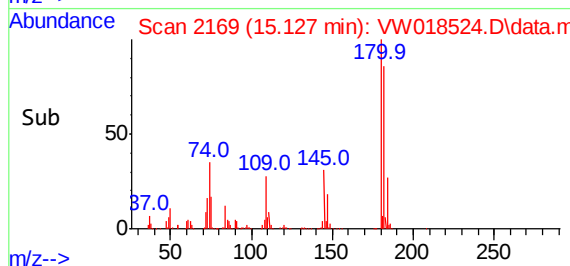
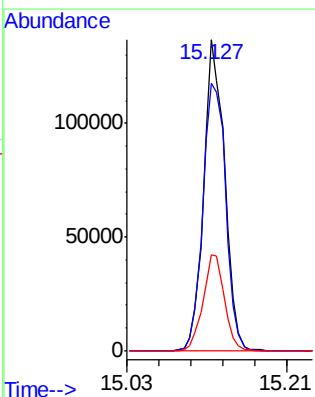
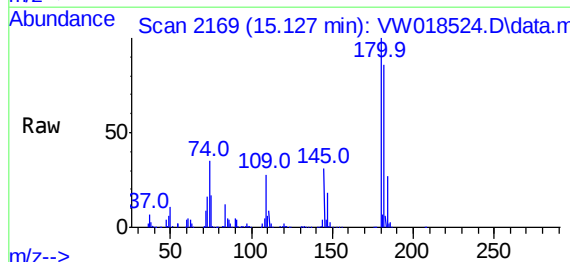
Instrument :
 MSVOA_W
 ClientSampleID :
 VSTD02523

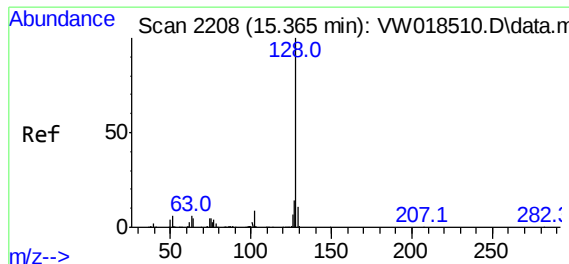
Tgt Ion:	180	Resp:	259233
Ion	Ratio	Lower	Upper
180	100		
182	91.1	71.8	107.8
184	31.1	23.5	35.3
145	31.3	25.0	37.6



#68
 1,2,4-trichlorobenzene
 Concen: 24.96 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW018524.D
 Acq: 31 Mar 2021 19:58

Tgt Ion:	180	Resp:	221579
Ion	Ratio	Lower	Upper
180	100		
182	94.3	70.2	105.4
145	31.3	24.9	37.3

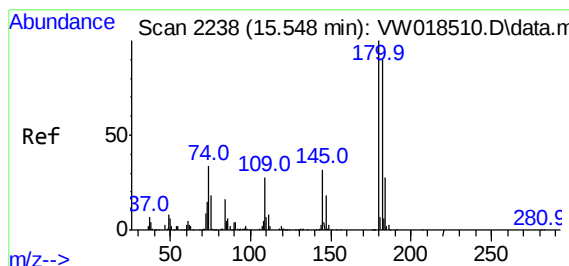
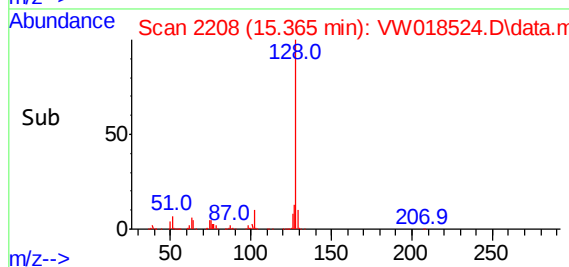
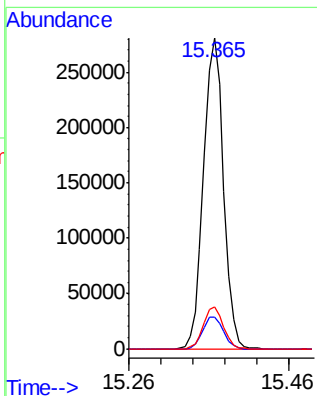
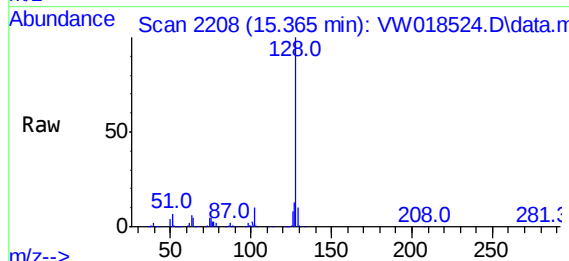




#69
Naphthalene
Concen: 26.37 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion:128 Resp: 487446
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.5 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.37 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018524.D
Acq: 31 Mar 2021 19:58

Tgt Ion:180 Resp: 196574
Ion Ratio Lower Upper
180 100
182 94.5 76.5 114.7
145 32.5 27.7 41.5

