

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018123.D
 Acq On : 15 Feb 2021 09:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Feb 16 02:14:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	391669	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	350452	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	184319	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	90516	18.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.36%		
7) Chloroethane-d5	2.891	69	78905	20.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.68%		
10) 1,1-Dichloroethene-d2	4.025	63	209883	21.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.28%		
20) 2-Butanone-d5	7.074	46	50803	39.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.22%		
24) Chloroform-d	7.647	84	235242	22.89	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.56%		
26) 1,2-Dichloroethane-d4	8.305	65	116699	21.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.28%		
29) Benzene-d6	8.275	84	446954	23.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.92%		
33) 1,2-Dichloropropane-d6	9.274	67	126467	23.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.00%		
37) Toluene-d8	10.323	98	425492	23.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.96%		
38) trans-1,3-Dichloroprop...	10.579	79	57200	23.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.80%		
39) 2-Hexanone-d5	10.920	63	42659	41.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.92%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	104157	22.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	157467	23.95	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.80%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	108410	20.46	ug/L	99
3) Chloromethane	2.215	50	81875	20.98	ug/L	99
5) Vinyl chloride	2.367	62	126098	23.42	ug/L	100
6) Bromomethane	2.788	94	85484	22.33	ug/L	98
8) Chloroethane	2.928	64	72936	22.67	ug/L	94
9) Trichlorofluoromethane	3.263	101	95203	24.46	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	133054	23.92	ug/L #	64
12) 1,1-Dichloroethene	4.037	96	127522	24.37	ug/L	94
13) Acetone	4.123	43	35926	37.38	ug/L	96
14) Carbon disulfide	4.385	76	361722	23.73	ug/L	99
15) Methyl Acetate	4.672	43	40488	18.99	ug/L	97
16) Methylene chloride	4.915	84	124323	19.81	ug/L	91
17) Methyl tert-butyl Ether	5.421	73	133770	22.77	ug/L	97
18) trans-1,2-Dichloroethene	5.421	96	132243	23.64	ug/L	94
19) 1,1-Dichloroethane	6.214	63	212843	23.58	ug/L	99
21) 2-Butanone	7.171	43	53278	36.41	ug/L	94
22) cis-1,2-Dichloroethene	7.165	96	136864	23.59	ug/L	97
23) Bromochloromethane	7.512	128	61787	22.16	ug/L	91
25) Chloroform	7.671	83	228920	23.24	ug/L	99
27) 1,2-Dichloroethane	8.396	62	136358	21.33	ug/L	99

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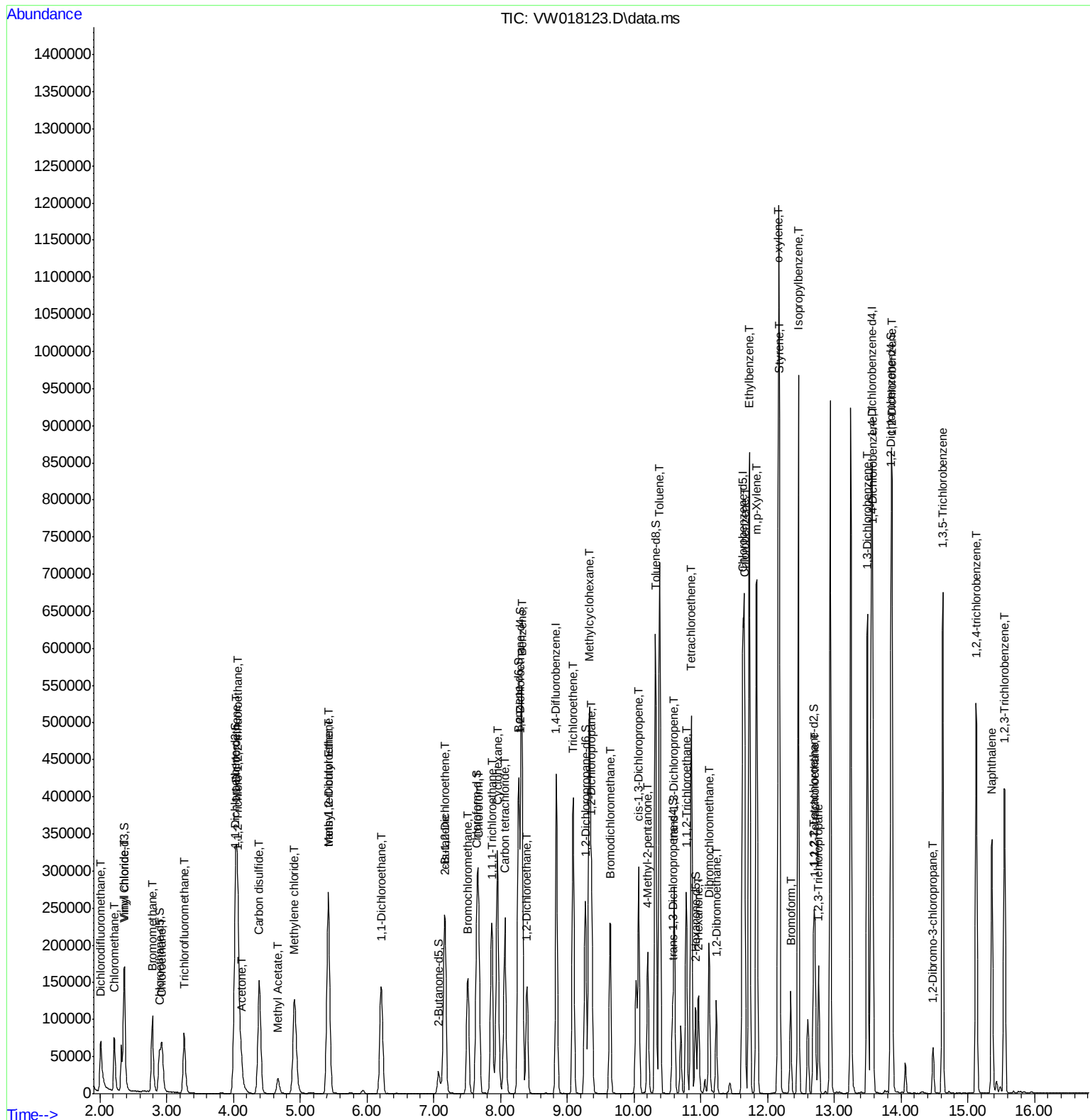
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.951	56	192229	23.98	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	196017	25.23	ug/L	98
32) Carbon tetrachloride	8.067	117	188617	25.06	ug/L	97
34) Benzene	8.323	78	497787	24.30	ug/L	100
35) Trichloroethene	9.091	95	139065	24.09	ug/L	99
36) Methylcyclohexane	9.335	83	235119	24.22	ug/L	96
40) 1,2-Dichloropropane	9.366	63	113266	24.10	ug/L	100
41) Bromodichloromethane	9.640	83	159678	23.73	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	184762	24.39	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	112620	38.53	ug/L	93
44) Toluene	10.384	91	546024	24.22	ug/L	99
45) trans-1,3-Dichloropropene	10.603	75	155797	23.63	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	89883	22.40	ug/L	98
47) Tetrachloroethene	10.859	164	121203	24.66	ug/L	93
49) 2-Hexanone	10.969	43	78445	38.62	ug/L	95
50) Dibromochloromethane	11.128	129	111942	23.29	ug/L	94
51) 1,2-Dibromoethane	11.237	107	87227	21.80	ug/L #	98
52) Chlorobenzene	11.658	112	356533	24.01	ug/L	99
53) Ethylbenzene	11.731	91	618538	24.15	ug/L	98
54) m,p-Xylene	11.841	106	237369	24.30	ug/L	96
55) o-xylene	12.164	106	225726	24.36	ug/L	99
56) Styrene	12.182	104	386641	24.53	ug/L	97
57) Isopropylbenzene	12.463	105	638389	24.74	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	98317	20.71	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	72228	20.09	ug/L	99
62) Bromoform	12.347	173	66596	23.45	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	287527	24.47	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	280600	23.75	ug/L	93
65) 1,2-Dichlorobenzene	13.865	146	249941	23.59	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	15613	19.46	ug/L	96
67) 1,3,5-Trichlorobenzene	14.627	180	224211	24.84	ug/L	98
68) 1,2,4-trichlorobenzene	15.127	180	179246	23.82	ug/L	95
69) Naphthalene	15.365	128	311033	21.25	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	150257	22.40	ug/L	96

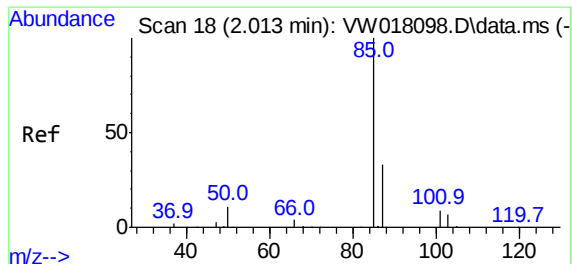
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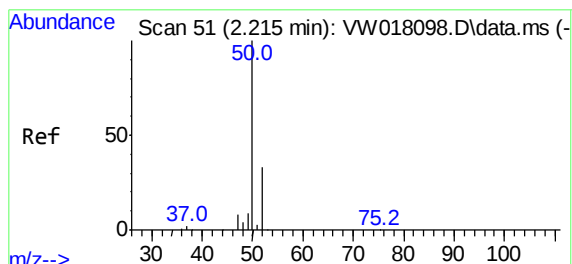
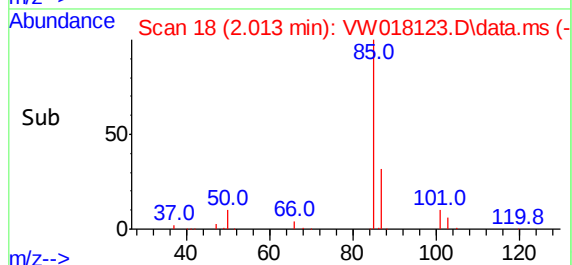
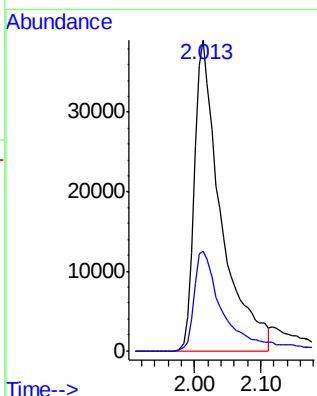
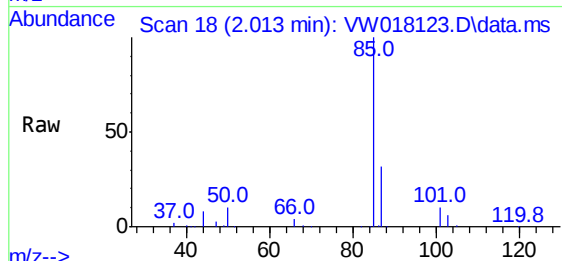




#2
Dichlorodifluoromethane
Concen: 20.46 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

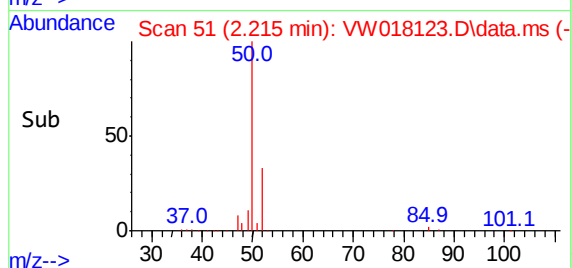
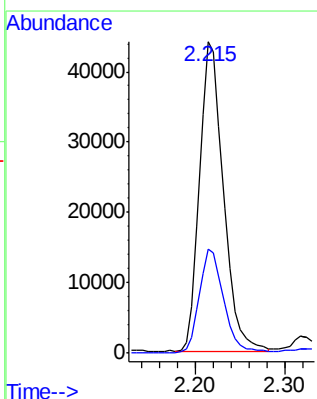
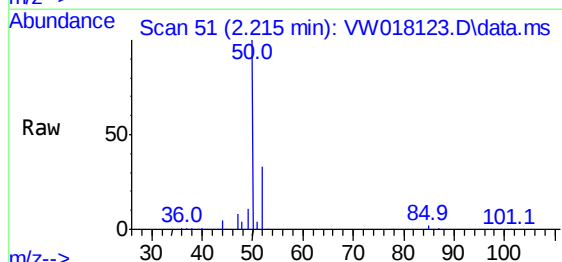
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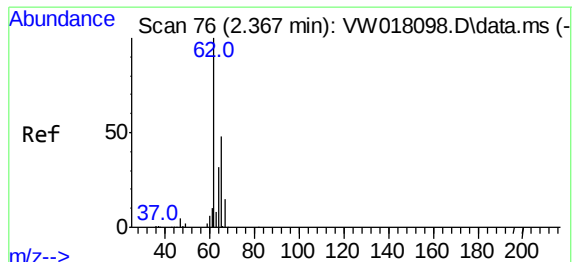
Tgt Ion: 85 Resp: 108410
Ion Ratio Lower Upper
85 100
87 33.8 23.2 43.0



#3
Chloromethane
Concen: 20.98 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 50 Resp: 81875
Ion Ratio Lower Upper
50 100
52 33.1 23.4 43.6

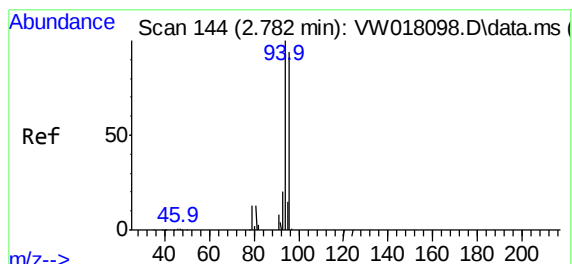
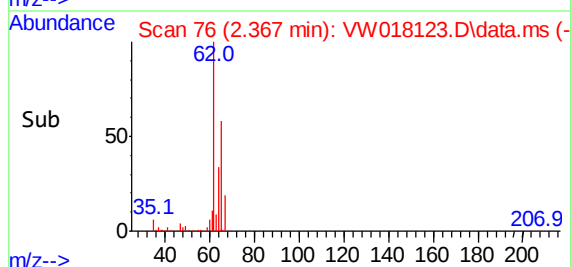
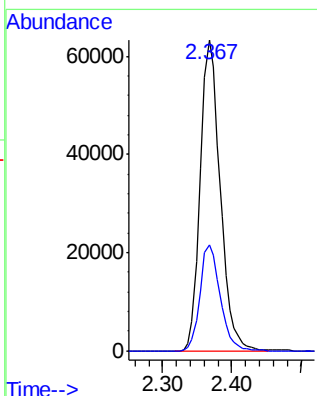
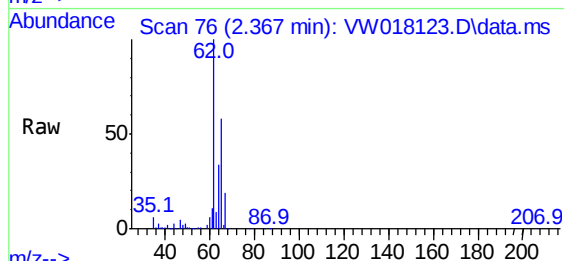




#5
 Vinyl chloride
 Concen: 23.42 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018123.D
 Acq: 15 Feb 2021 09:37

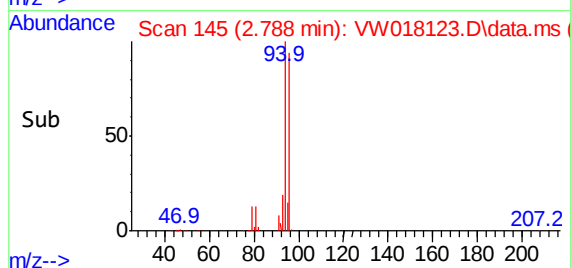
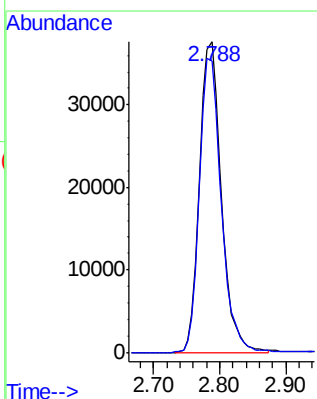
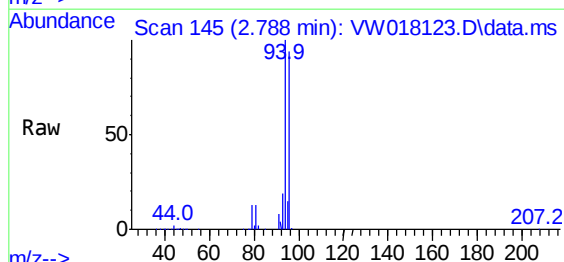
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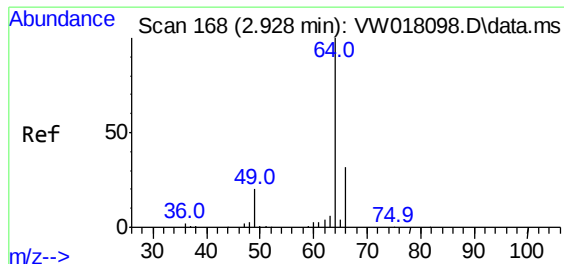
Tgt Ion: 62 Resp: 126098
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.9 44.5



#6
 Bromomethane
 Concen: 22.33 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018123.D
 Acq: 15 Feb 2021 09:37

Tgt Ion: 94 Resp: 85484
 Ion Ratio Lower Upper
 94 100
 96 95.5 9.4 178.0

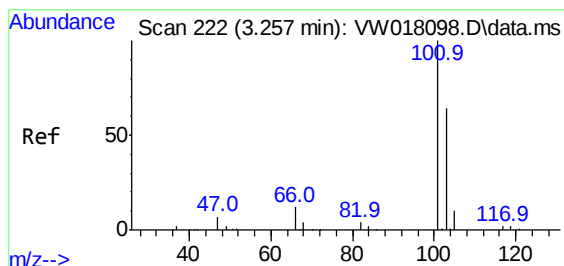
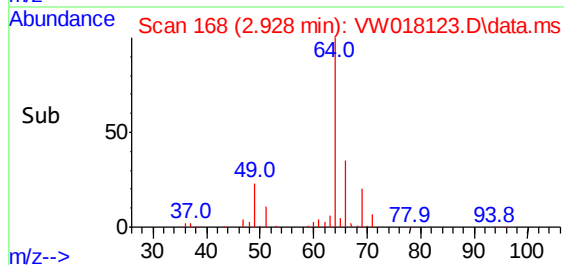
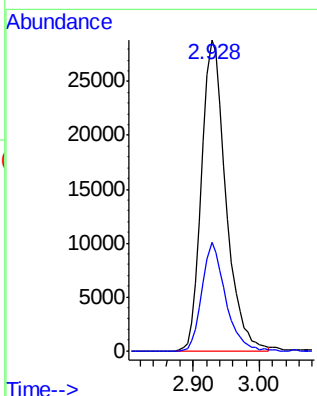
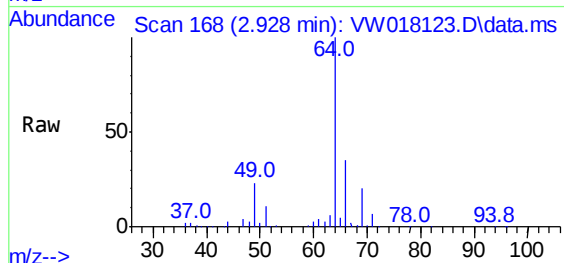




#8
Chloroethane
Concen: 22.67 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

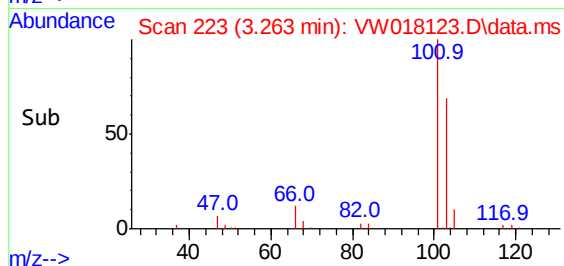
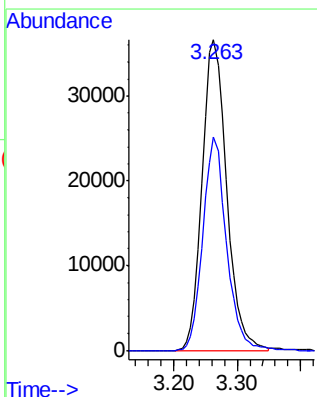
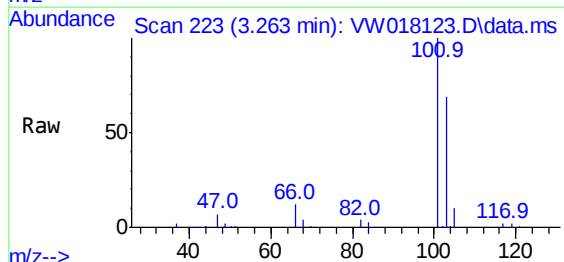
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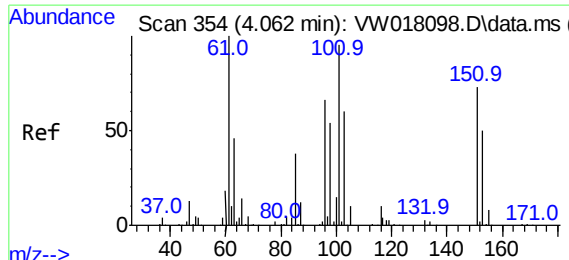
Tgt Ion: 64 Resp: 72936
Ion Ratio Lower Upper
64 100
66 34.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.46 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 101 Resp: 95203
Ion Ratio Lower Upper
101 100
103 65.6 45.0 83.6

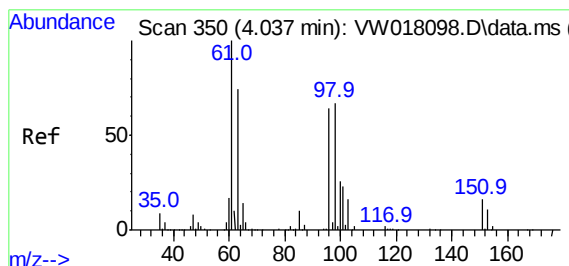
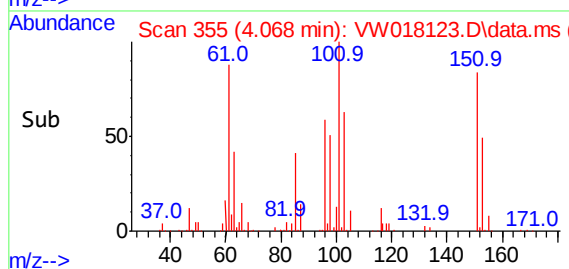
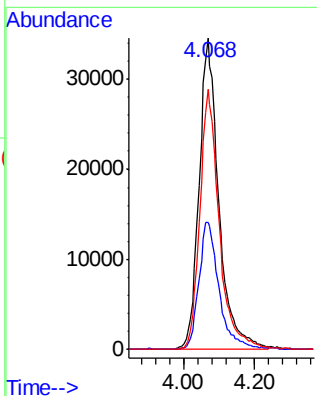
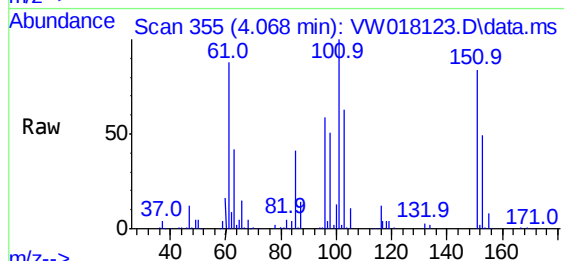




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.92 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW018123.D
 Acq: 15 Feb 2021 09:37

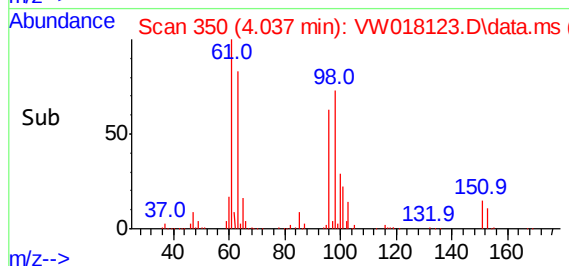
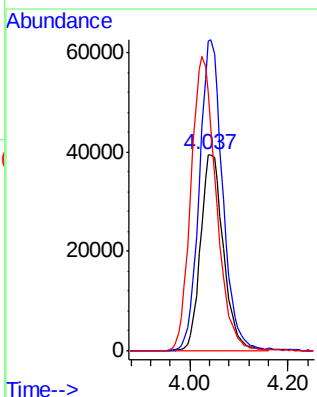
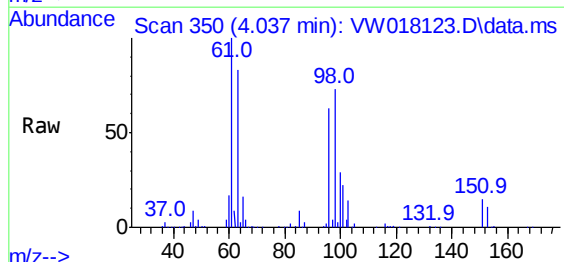
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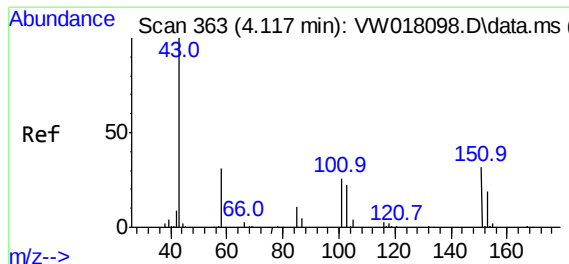
Tgt Ion:101 Resp: 133054
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.2 51.4
 151 81.8 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 24.37 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW018123.D
 Acq: 15 Feb 2021 09:37

Tgt Ion: 96 Resp: 127522
 Ion Ratio Lower Upper
 96 100
 61 157.8 112.5 208.9
 63 131.6 83.1 154.3

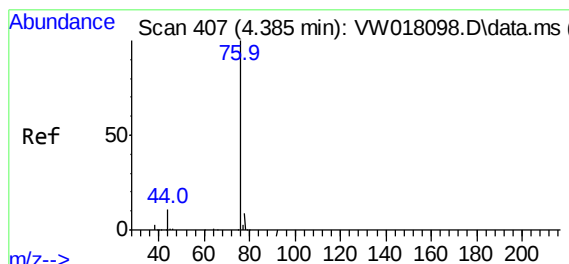
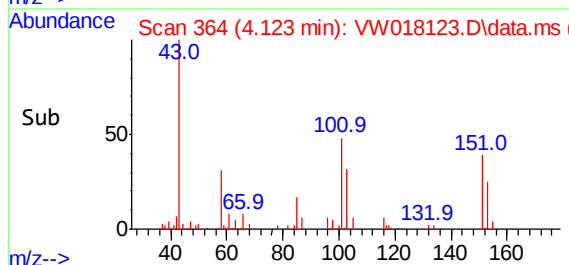
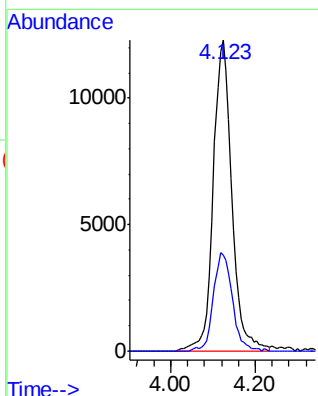
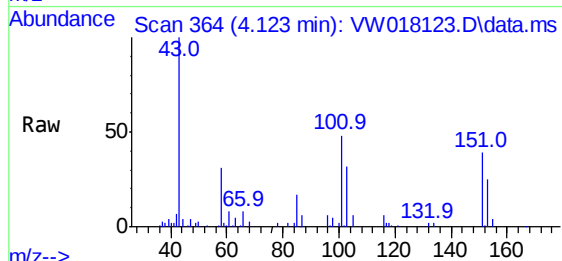




#13
Acetone
Concen: 37.38 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

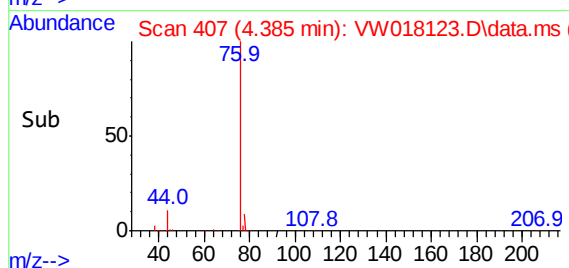
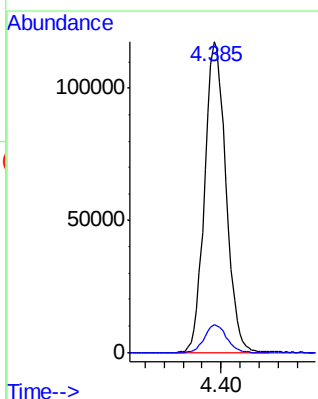
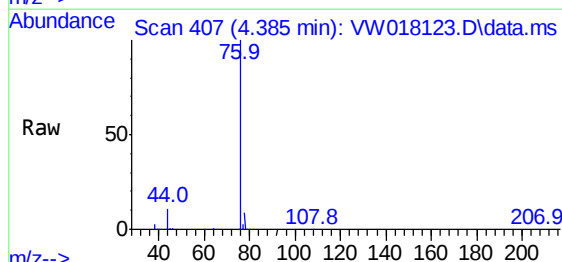
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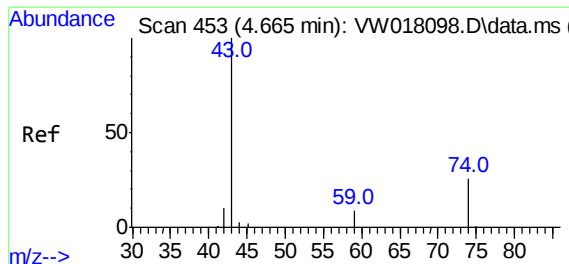
Tgt Ion: 43 Resp: 35926
Ion Ratio Lower Upper
43 100
58 31.7 0.0 68.4



#14
Carbon disulfide
Concen: 23.73 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 361722
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

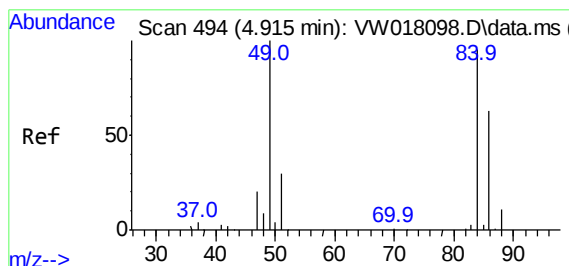
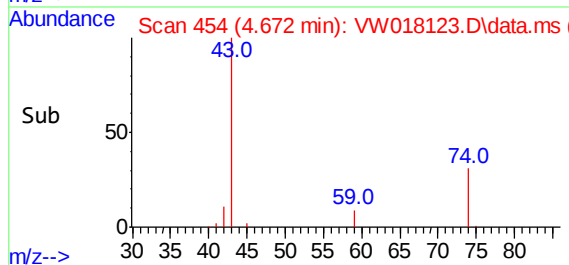
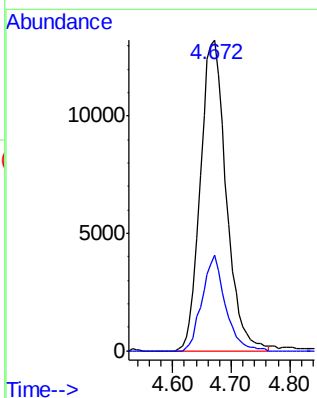
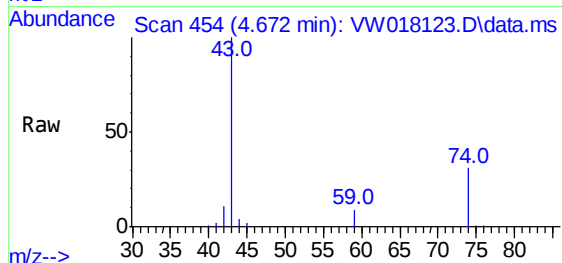




#15
Methyl Acetate
Concen: 18.99 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

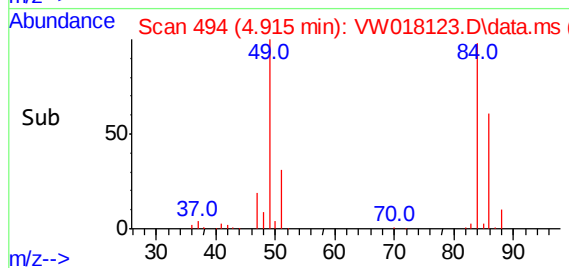
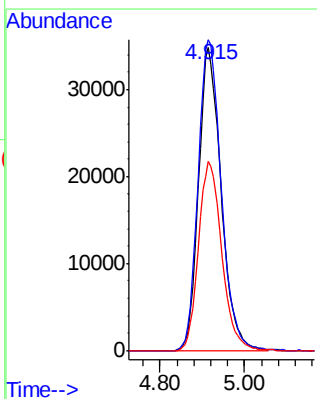
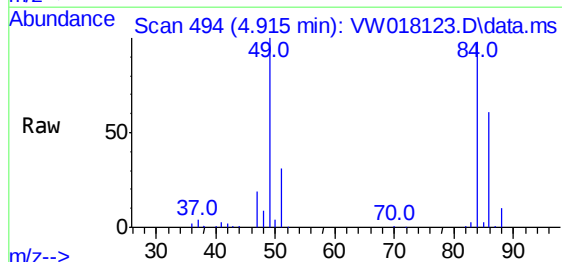
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

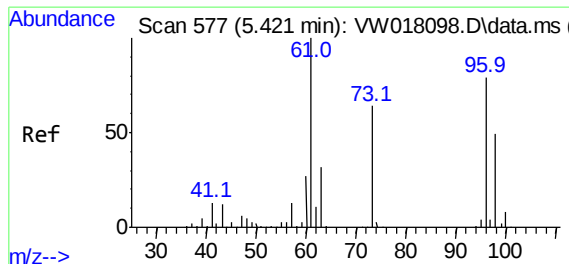
Tgt Ion: 43 Resp: 40488
Ion Ratio Lower Upper
43 100
74 27.3 20.7 31.1



#16
Methylene chloride
Concen: 19.81 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 84 Resp: 124323
Ion Ratio Lower Upper
84 100
49 102.4 81.2 150.8
86 62.3 44.5 82.7

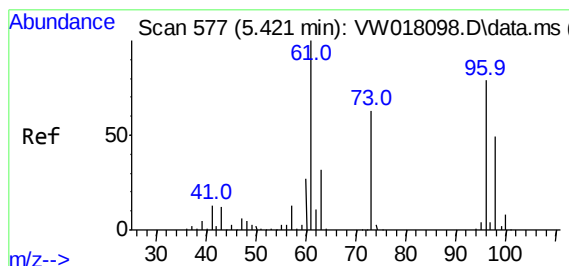
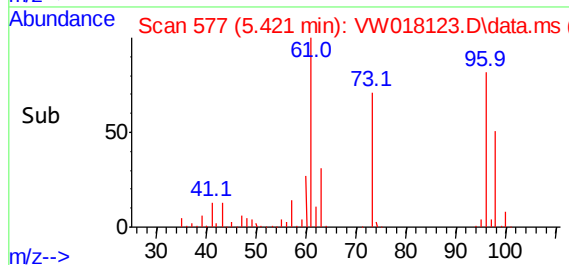
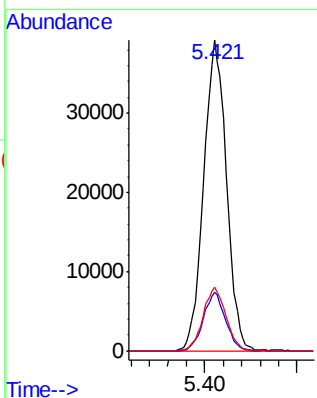
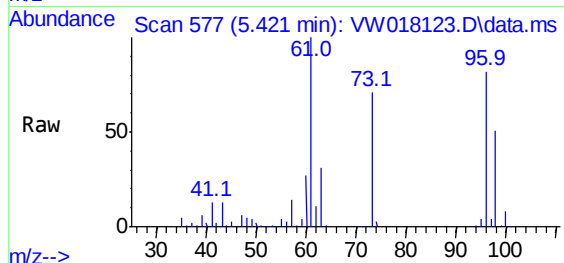




#17
Methyl tert-butyl Ether
Concen: 22.77 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

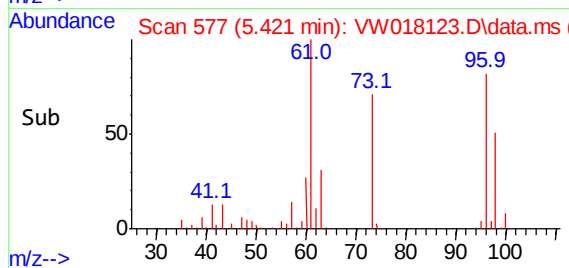
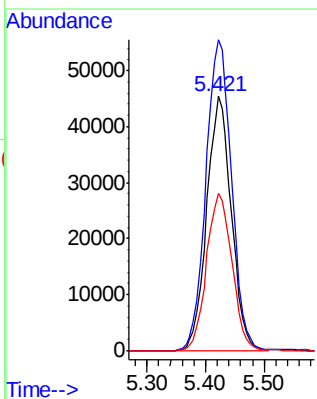
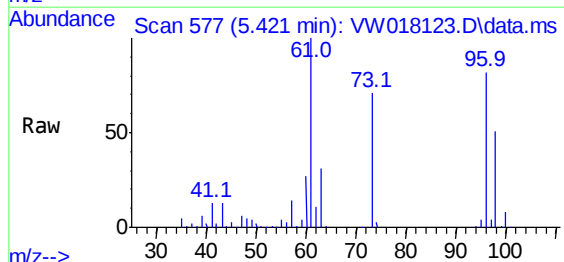
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

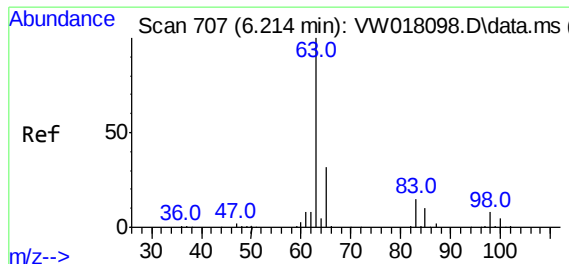
Tgt Ion: 73 Resp: 133770
Ion Ratio Lower Upper
73 100
43 18.3 16.2 24.4
57 20.3 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 23.64 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 96 Resp: 132243
Ion Ratio Lower Upper
96 100
61 122.3 92.7 172.1
98 62.0 43.3 80.3



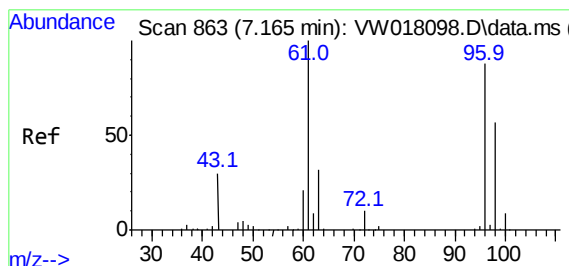
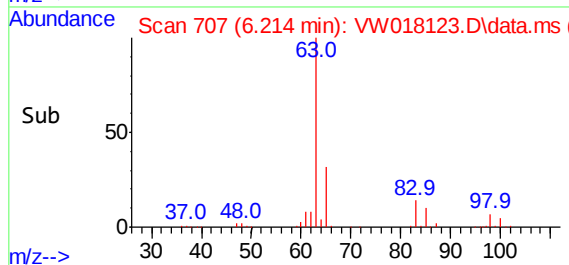
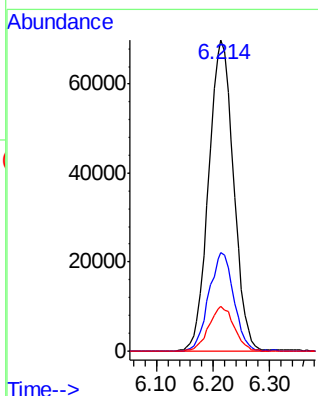
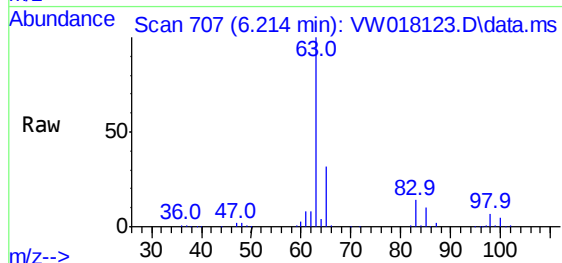


#19
1,1-Dichloroethane
Concen: 23.58 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 63 Resp: 212843

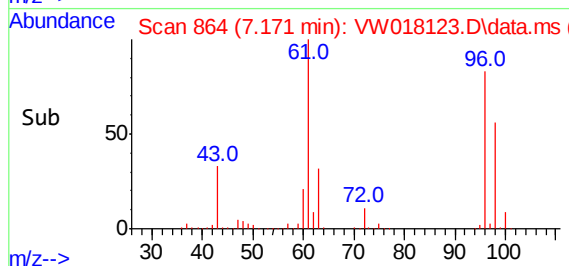
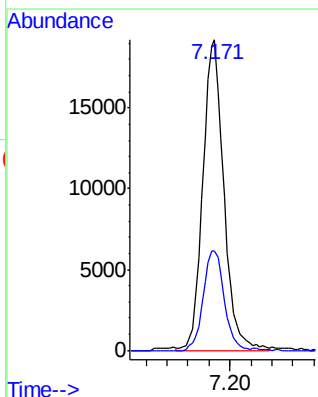
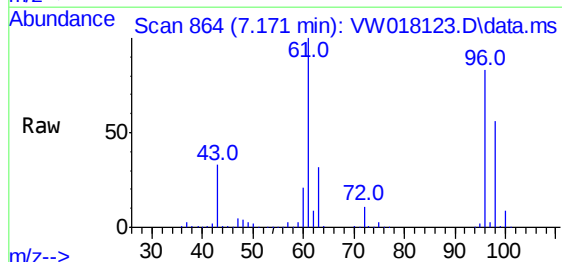
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.9	40.7
83	14.4	9.4	17.6

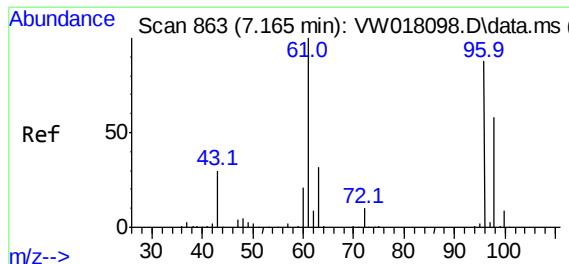


#21
2-Butanone
Concen: 36.41 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 43 Resp: 53278

Ion	Ratio	Lower	Upper
43	100		
72	31.9	14.4	43.2



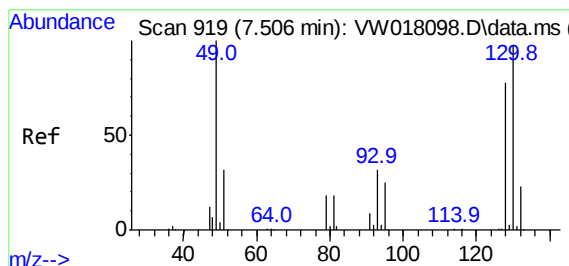
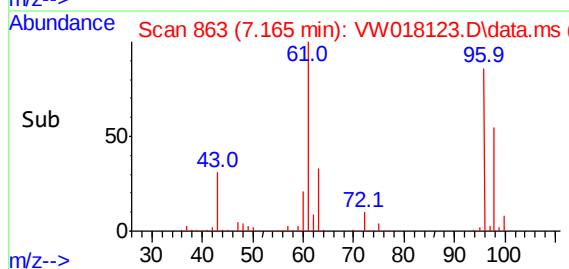
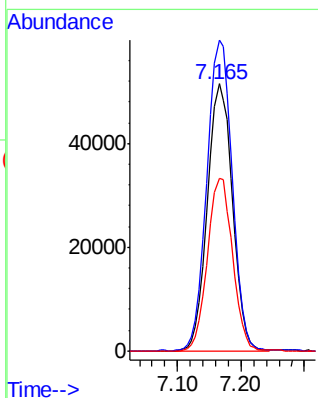
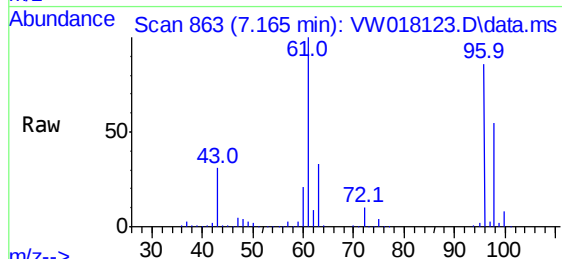


#22
 cis-1,2-Dichloroethene
 Concen: 23.59 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW018123.D
 Acq: 15 Feb 2021 09:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Tgt Ion: 96 Resp: 136864

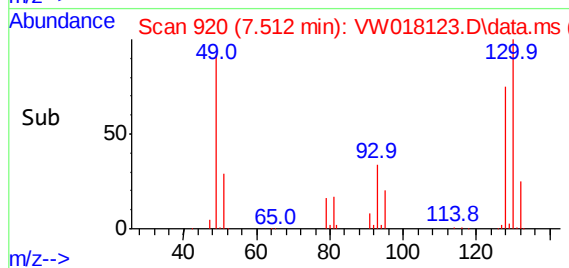
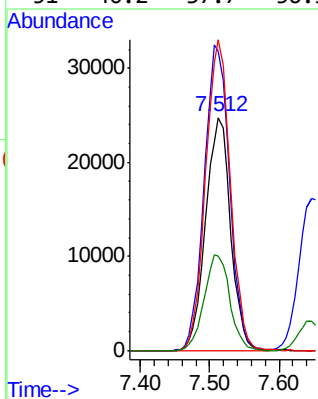
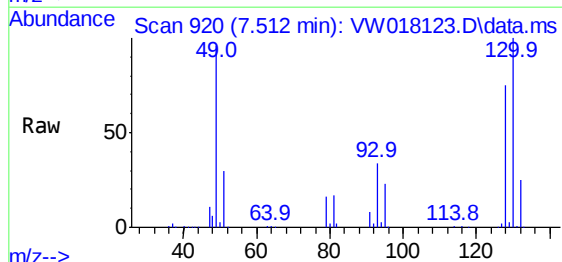
Ion	Ratio	Lower	Upper
96	100		
61	116.4	84.6	157.2
98	64.4	44.7	82.9

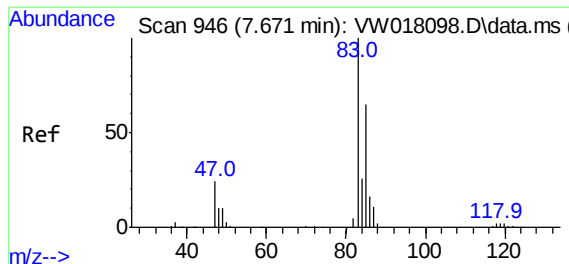


#23
 Bromochloromethane
 Concen: 22.16 ug/L
 RT: 7.512 min Scan# 920
 Delta R.T. 0.006 min
 Lab File: VW018123.D
 Acq: 15 Feb 2021 09:37

Tgt Ion: 128 Resp: 61787

Ion	Ratio	Lower	Upper
128	100		
49	128.6	101.6	188.6
130	133.3	90.4	167.8
51	40.2	37.7	56.5

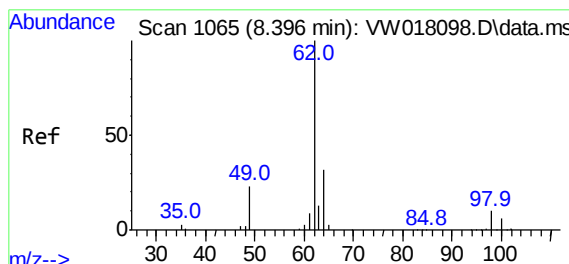
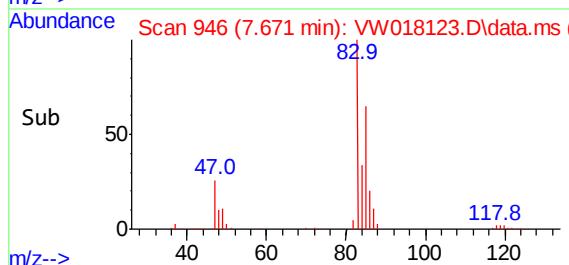
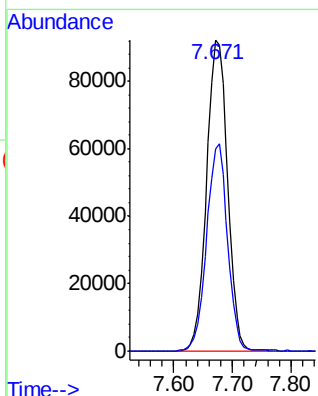
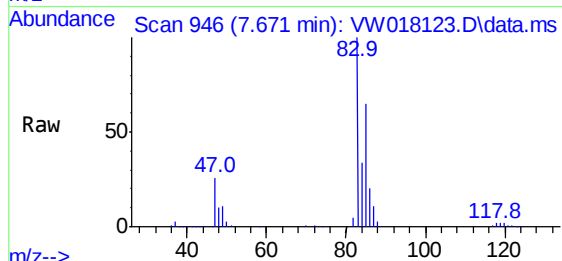




#25
Chloroform
Concen: 23.24 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

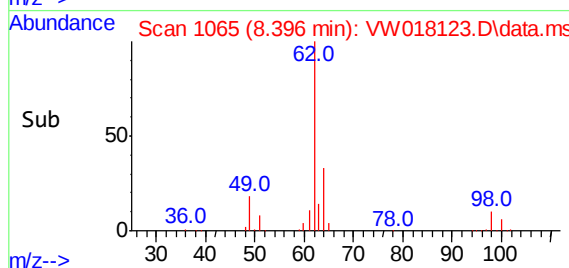
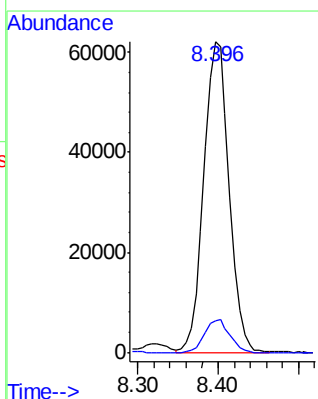
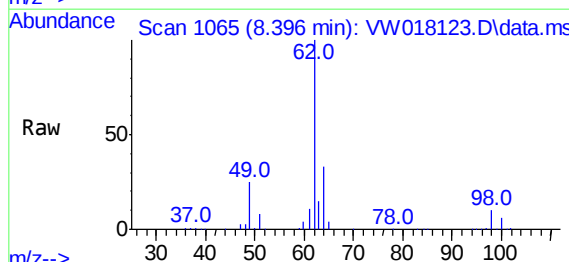
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

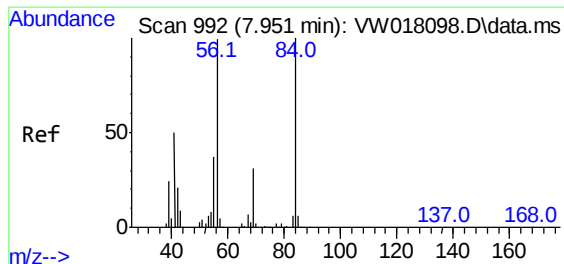
Tgt Ion: 83 Resp: 228920
Ion Ratio Lower Upper
83 100
85 66.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 21.33 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 62 Resp: 136358
Ion Ratio Lower Upper
62 100
98 10.4 8.0 12.0



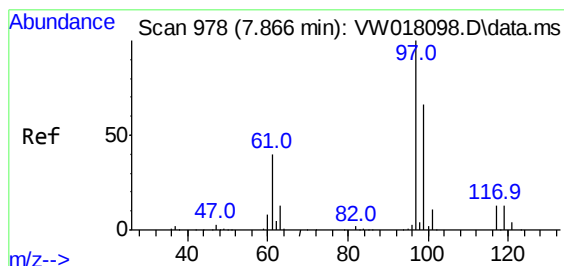
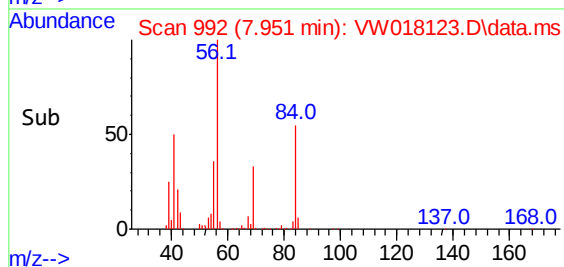
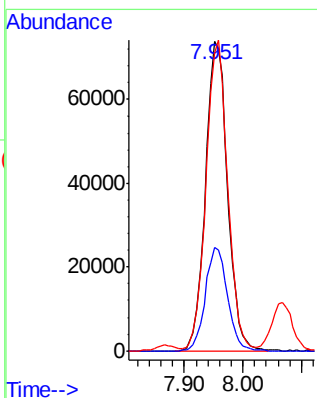
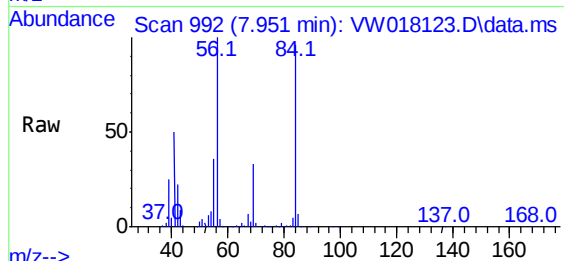


#30
Cyclohexane
Concen: 23.98 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 56 Resp: 192229

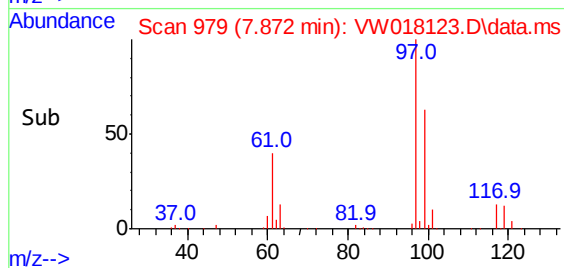
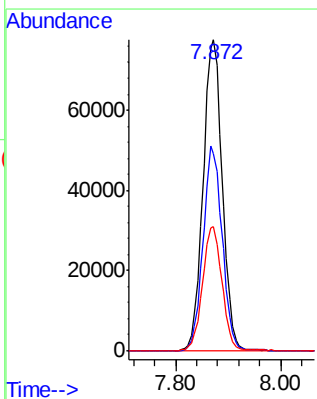
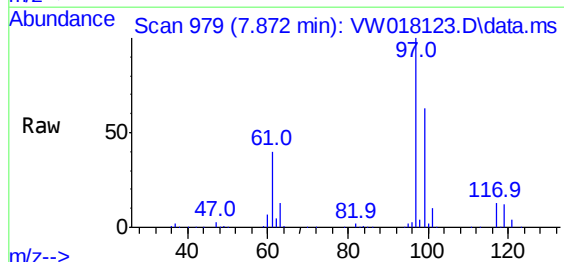
Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.8	37.2
84	99.0	74.2	111.4

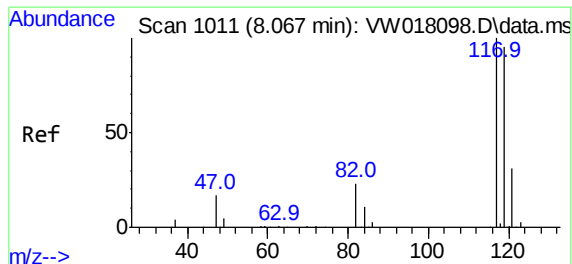


#31
1,1,1-Trichloroethane
Concen: 25.23 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 97 Resp: 196017

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.4
61	40.0	33.6	50.4

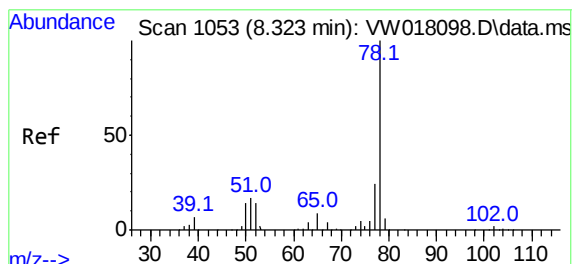
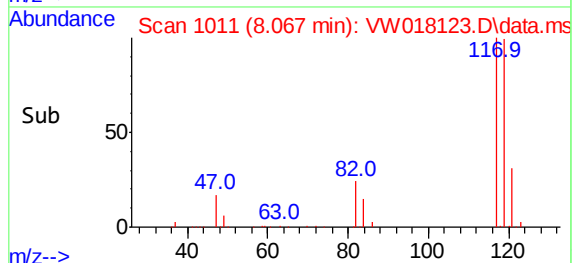
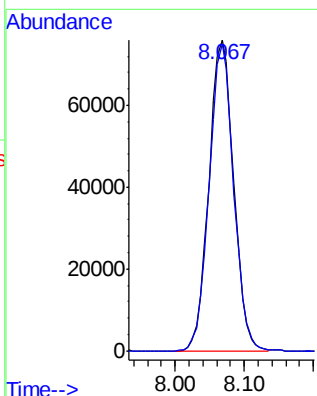
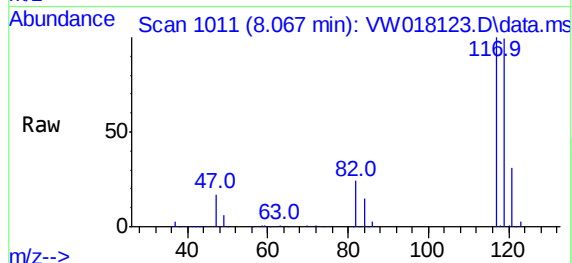




#32
Carbon tetrachloride
Concen: 25.06 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

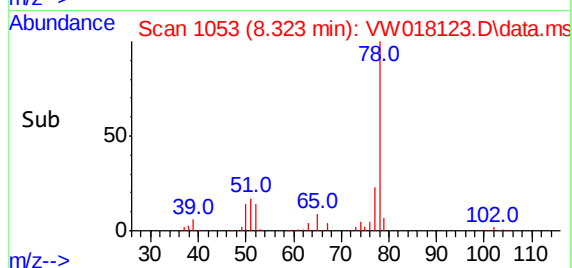
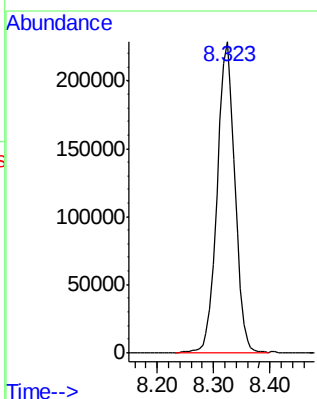
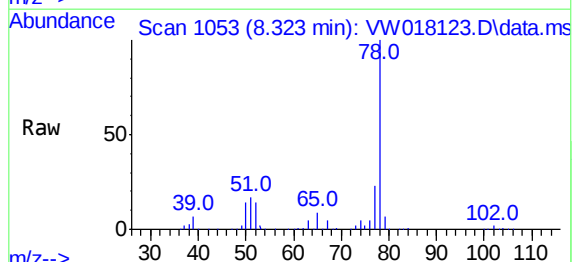
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

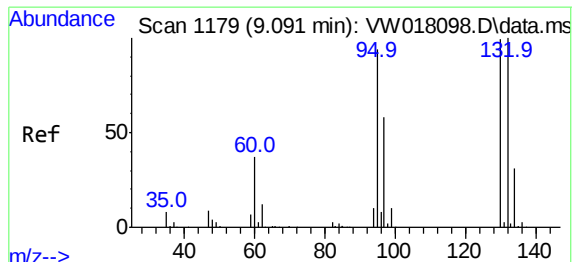
Tgt Ion:117 Resp: 188617
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8



#34
Benzene
Concen: 24.30 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

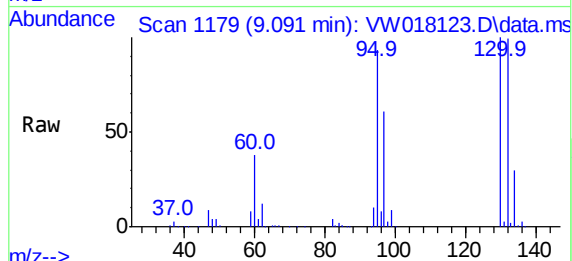
Tgt Ion: 78 Resp: 497787





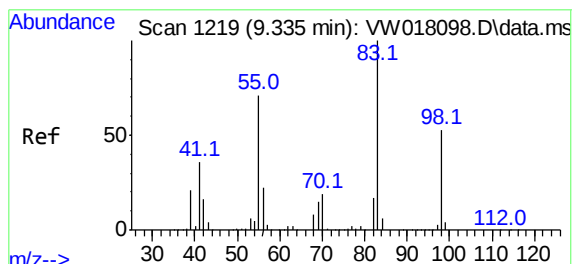
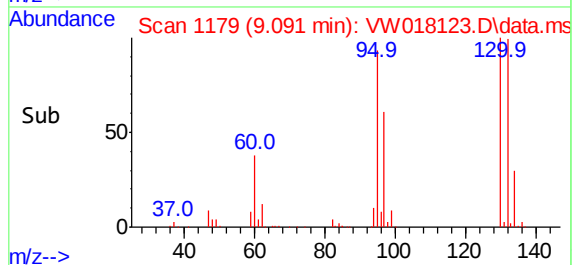
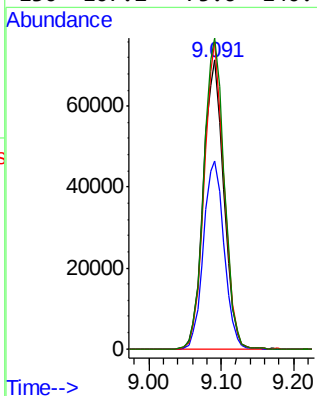
#35
Trichloroethene
Concen: 24.09 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523



Tgt Ion: 95 Resp: 139065

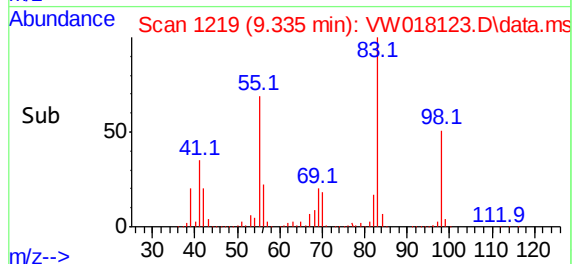
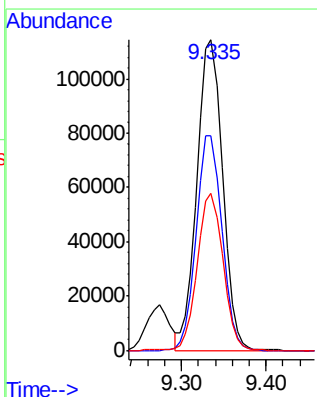
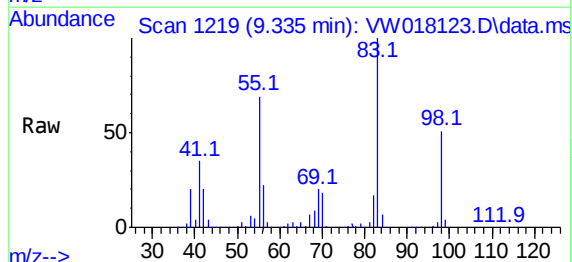
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.0	83.6
132	102.3	71.0	131.8
130	107.2	75.6	140.4

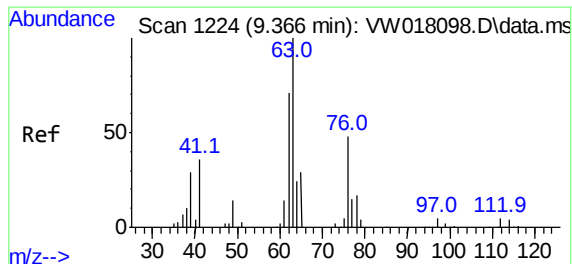


#36
Methylcyclohexane
Concen: 24.22 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 83 Resp: 235119

Ion	Ratio	Lower	Upper
83	100		
55	69.2	59.4	89.0
98	50.4	40.7	61.1

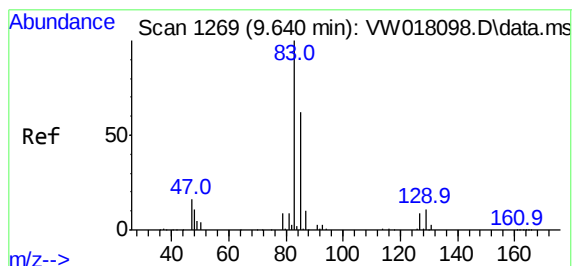
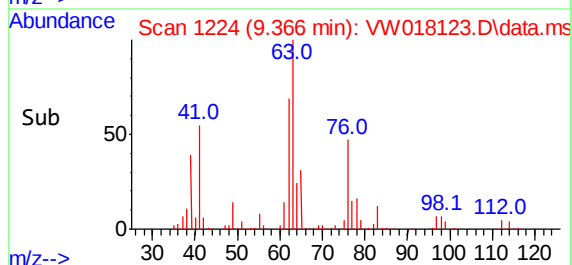
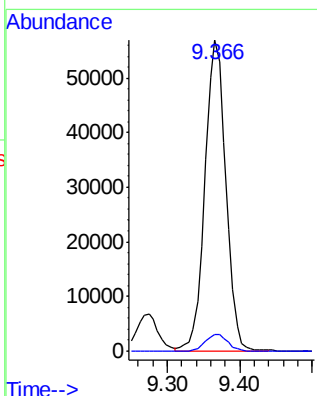
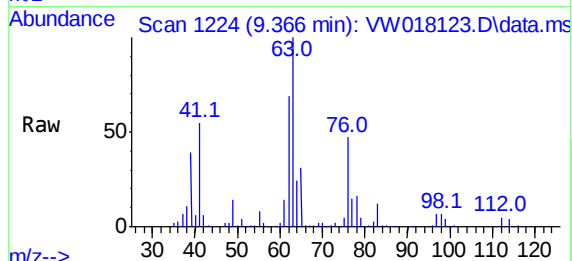




#40
1,2-Dichloropropane
Concen: 24.10 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

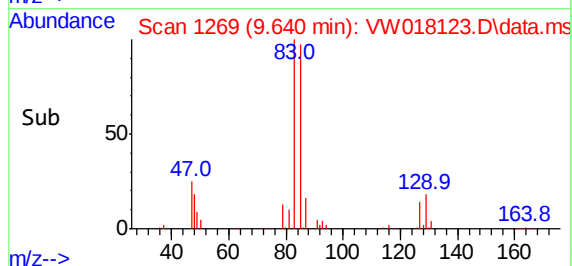
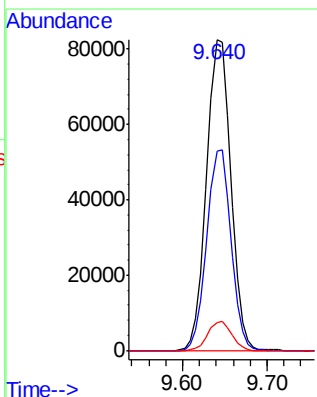
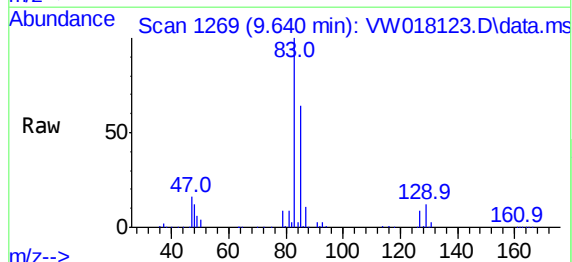
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

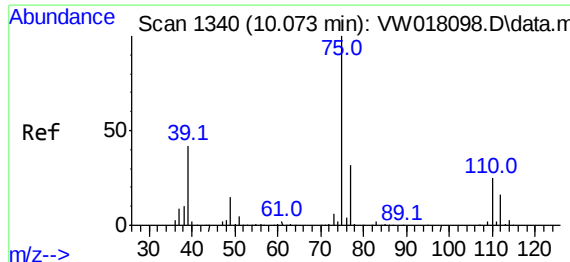
Tgt Ion: 63 Resp: 113266
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#41
Bromodichloromethane
Concen: 23.73 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 83 Resp: 159678
Ion Ratio Lower Upper
83 100
85 64.3 46.8 86.8
127 9.1 7.6 11.4

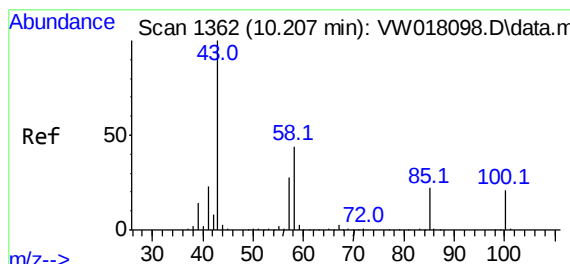
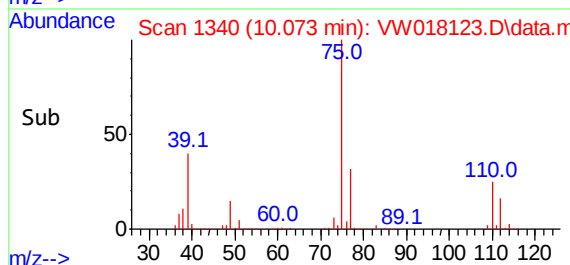
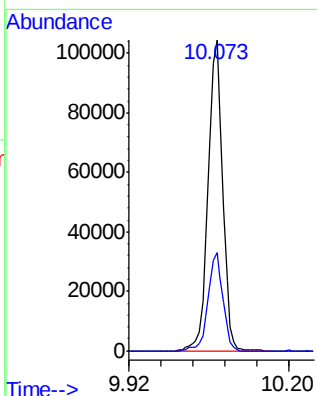
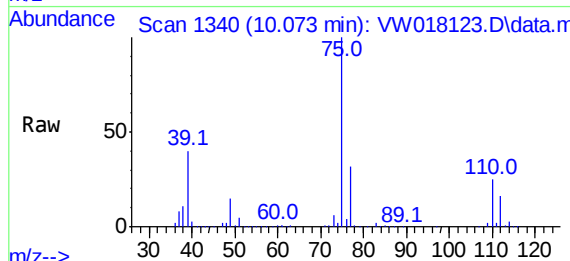




#42
cis-1,3-Dichloropropene
Concen: 24.39 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

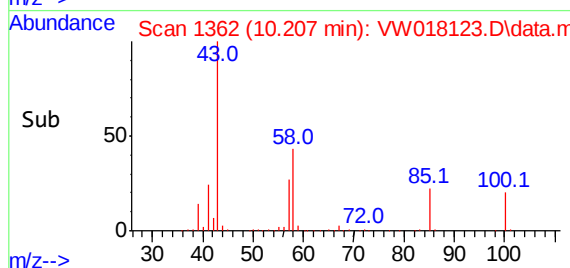
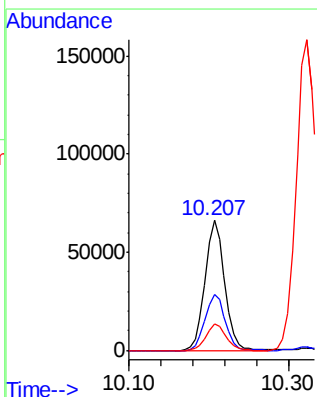
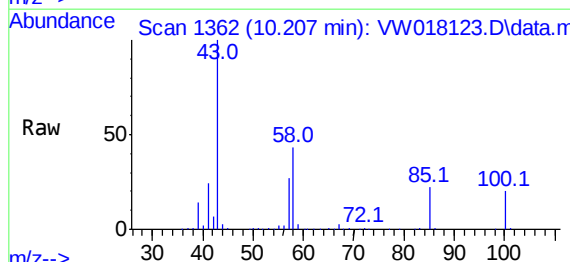
Instrument :
MSVOA_W
ClientSampled :
VSTD02523

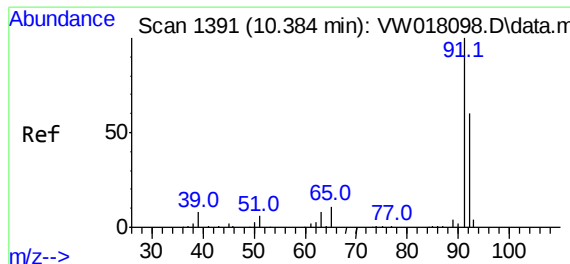
Tgt Ion: 75 Resp: 184762
Ion Ratio Lower Upper
75 100
77 31.5 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 38.53 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 43 Resp: 112620
Ion Ratio Lower Upper
43 100
58 44.0 31.6 47.4
100 20.5 14.1 21.1

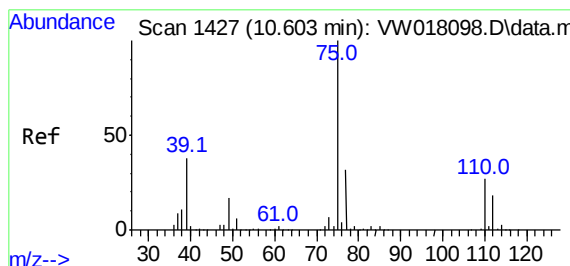
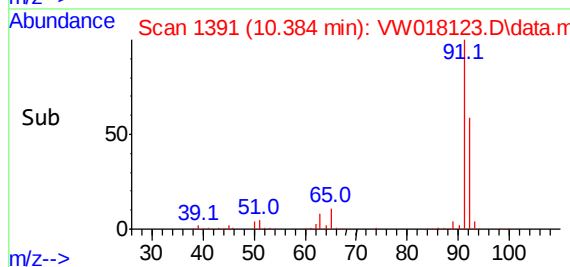
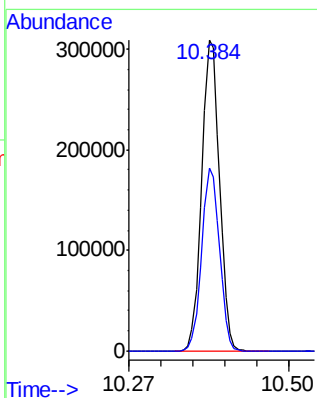
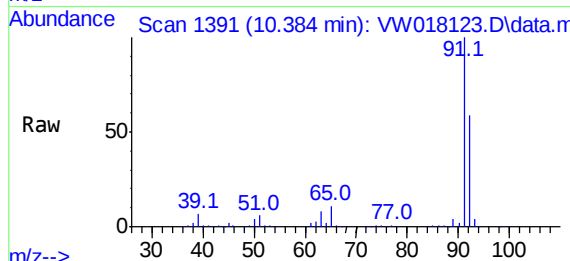




#44
Toluene
Concen: 24.22 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

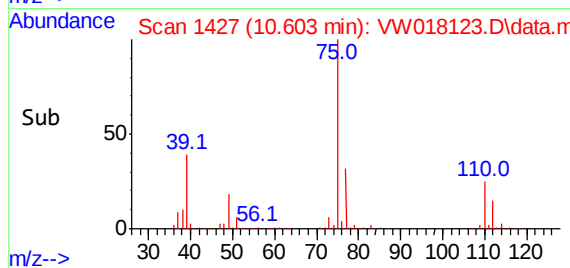
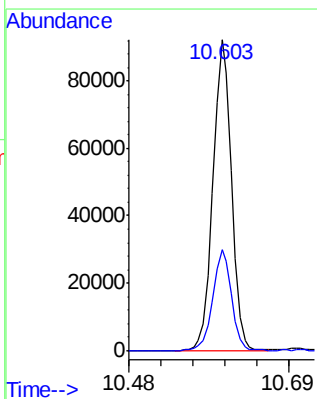
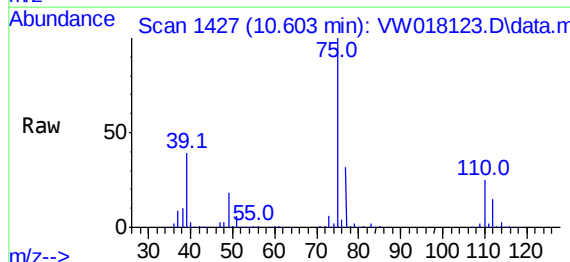
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

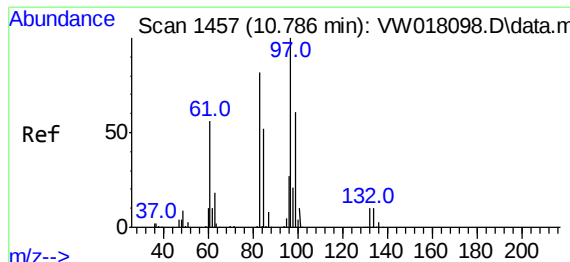
Tgt Ion: 91 Resp: 546024
Ion Ratio Lower Upper
91 100
92 58.7 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 23.63 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 75 Resp: 155797
Ion Ratio Lower Upper
75 100
77 32.5 22.6 42.0



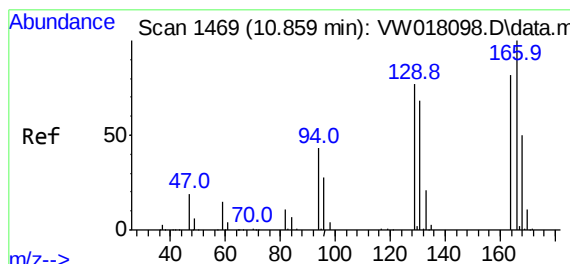
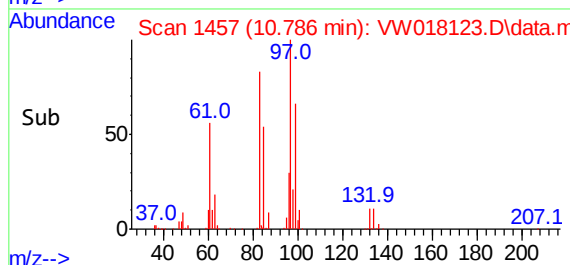
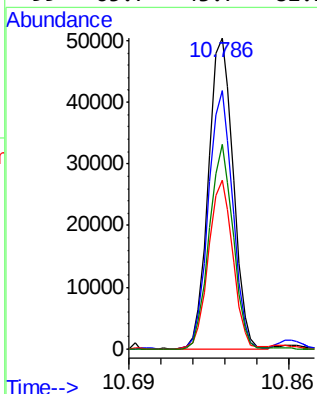
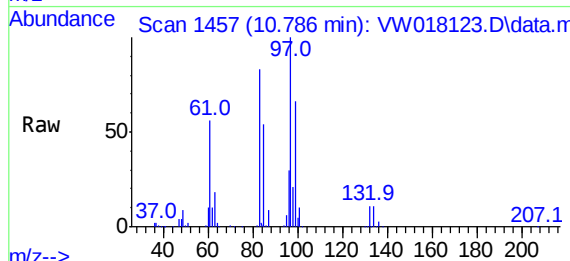


#46
1,1,2-Trichloroethane
Concen: 22.40 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 97 Resp: 89883

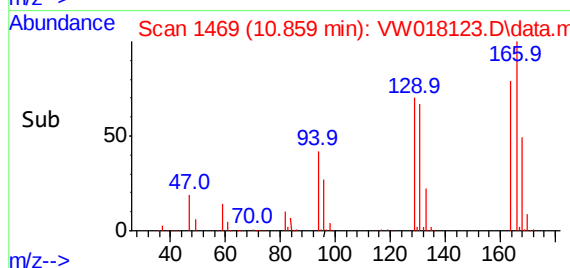
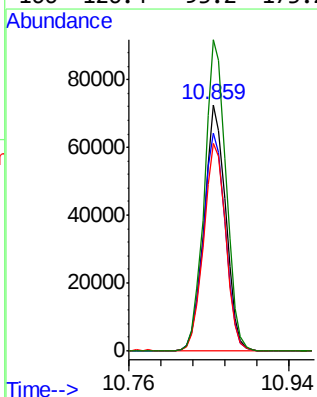
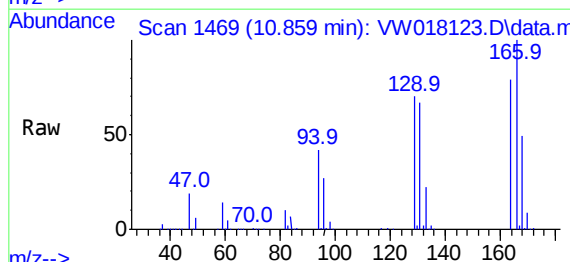
Ion	Ratio	Lower	Upper
97	100		
83	82.9	58.5	108.7
85	54.4	37.8	70.2
99	65.7	43.7	81.1

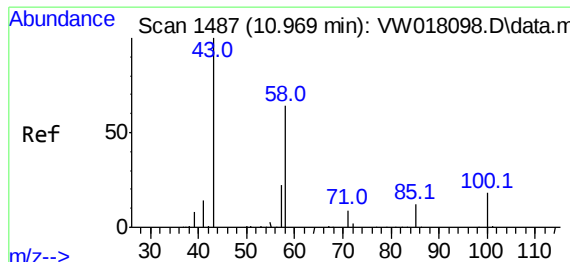


#47
Tetrachloroethene
Concen: 24.66 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 164 Resp: 121203

Ion	Ratio	Lower	Upper
164	100		
129	88.5	67.6	125.6
131	84.4	65.2	121.2
166	126.4	93.2	173.2



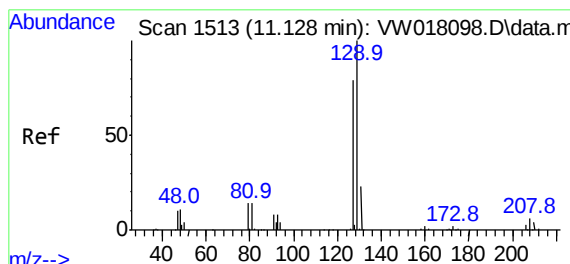
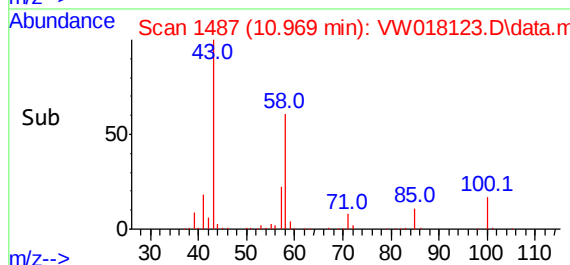
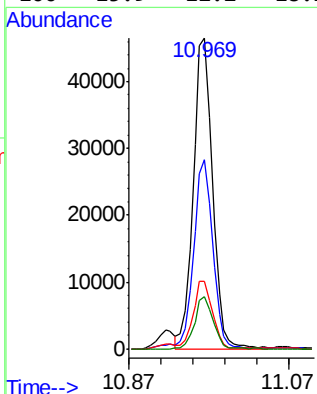
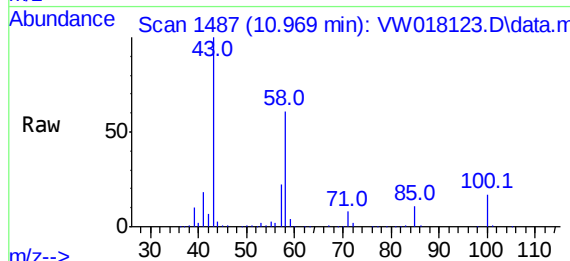


#49
2-Hexanone
Concen: 38.62 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 43 Resp: 78445

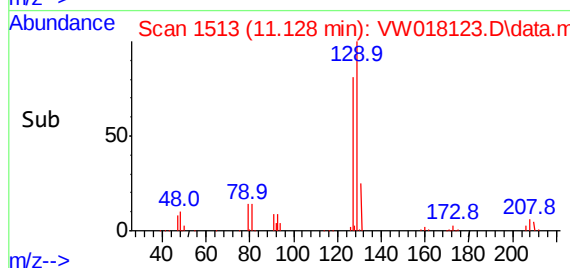
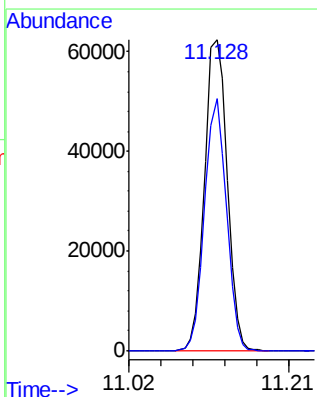
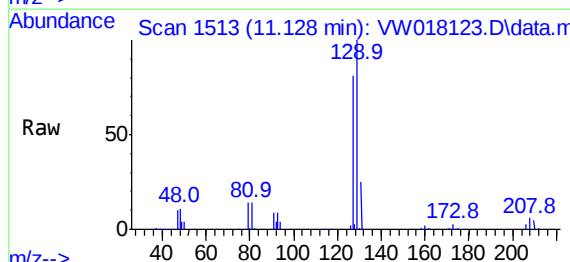
Ion	Ratio	Lower	Upper
43	100		
58	59.8	51.3	76.9
57	21.7	15.0	22.6
100	15.9	12.2	18.2

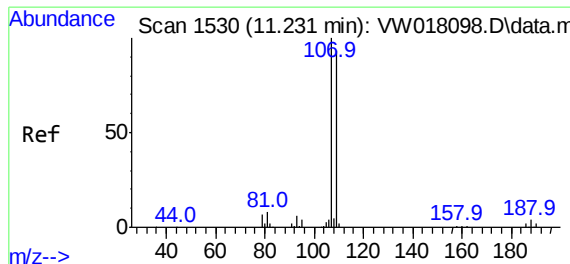


#50
Dibromochloromethane
Concen: 23.29 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 129 Resp: 111942

Ion	Ratio	Lower	Upper
129	100		
127	81.2	53.2	98.8

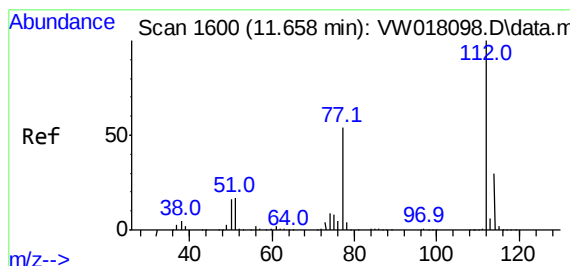
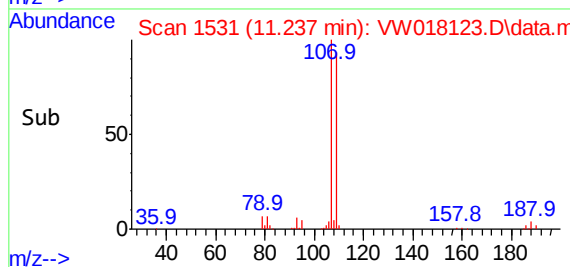
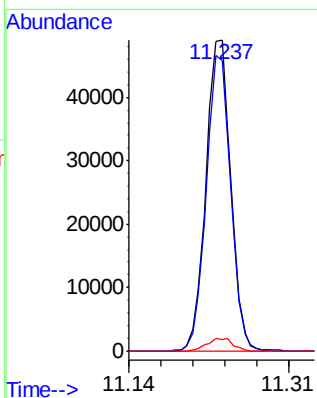
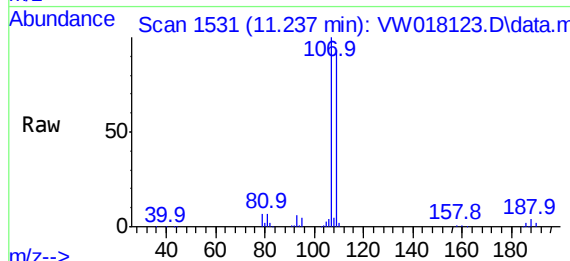




#51
1,2-Dibromoethane
Concen: 21.80 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

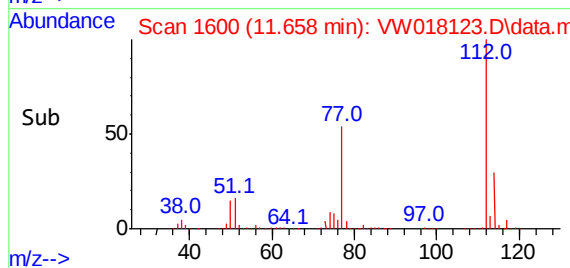
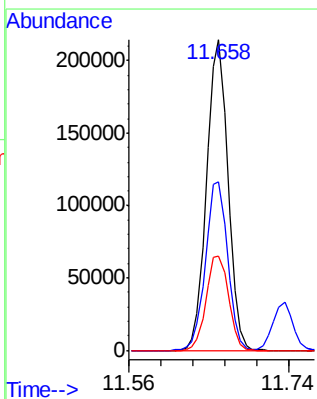
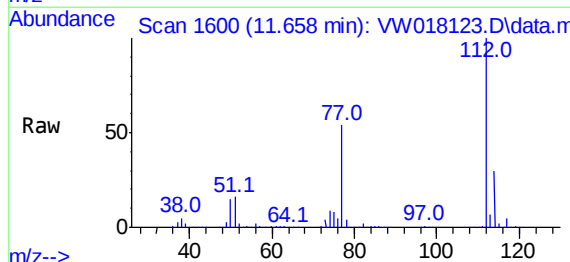
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

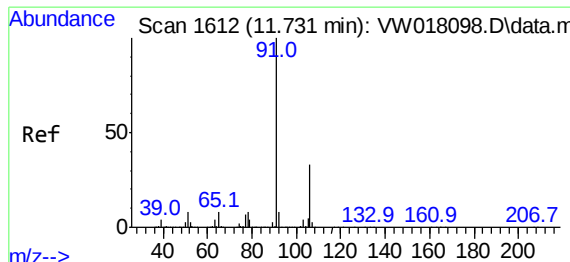
Tgt Ion:107 Resp: 87227
Ion Ratio Lower Upper
107 100
109 93.2 66.4 123.2
188 3.7 4.0 6.0#



#52
Chlorobenzene
Concen: 24.01 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion:112 Resp: 356533
Ion Ratio Lower Upper
112 100
77 54.1 42.6 64.0
114 30.3 21.6 40.2

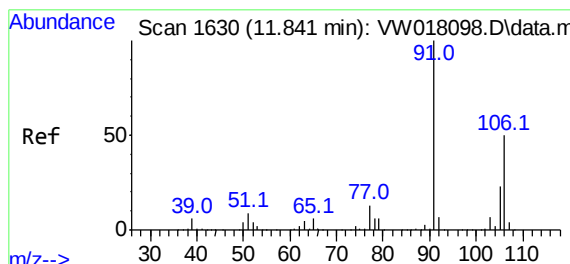
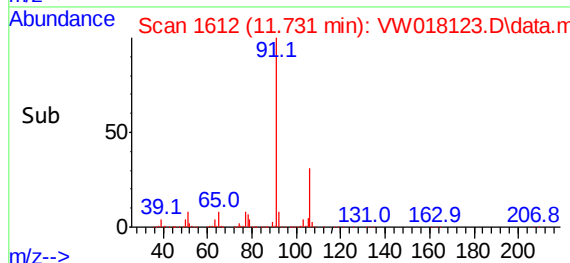
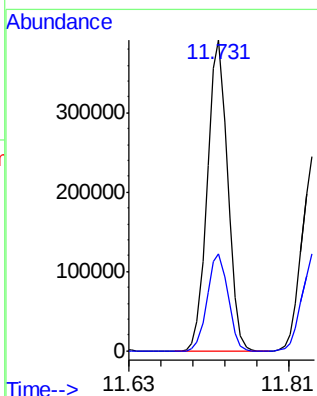
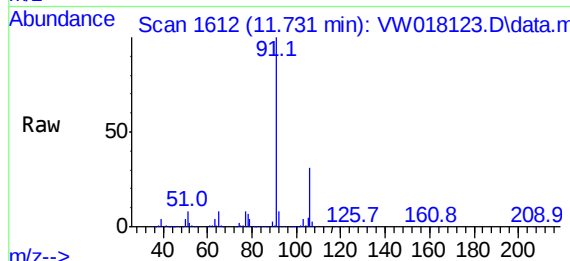




#53
Ethylbenzene
Concen: 24.15 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

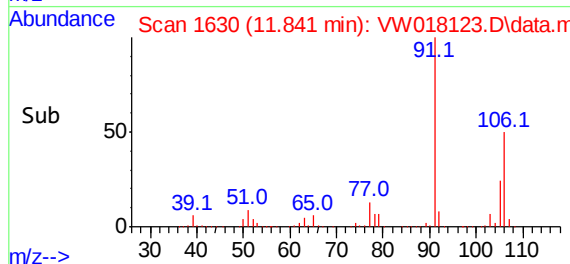
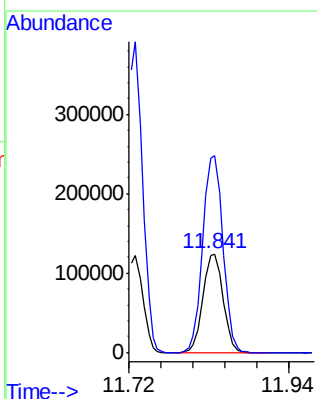
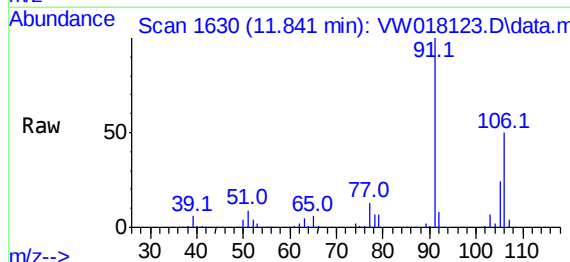
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

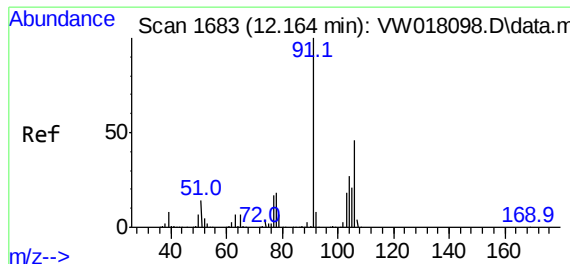
Tgt Ion: 91 Resp: 618538
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.1



#54
m,p-Xylene
Concen: 24.30 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 106 Resp: 237369
Ion Ratio Lower Upper
106 100
91 200.6 136.4 253.4

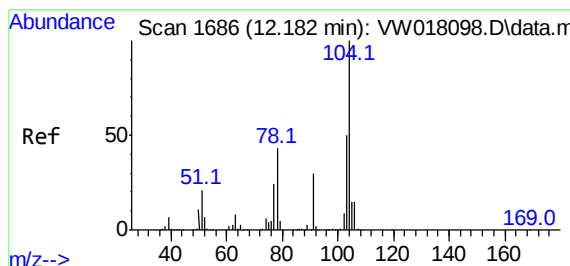
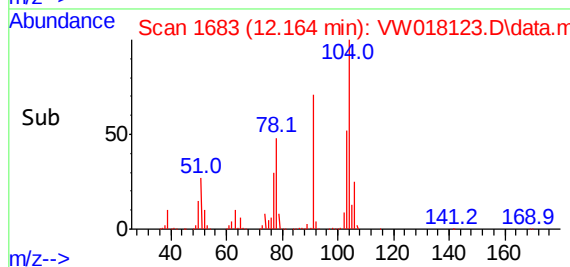
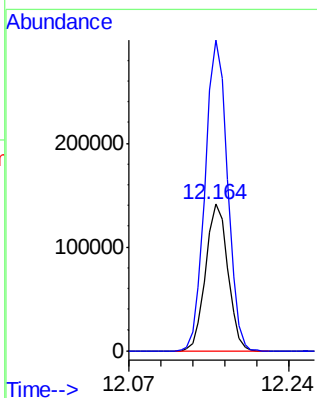
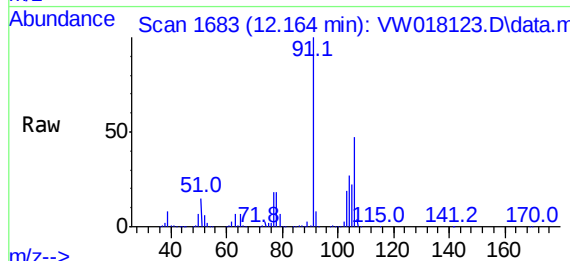




#55
o-xylene
Concen: 24.36 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

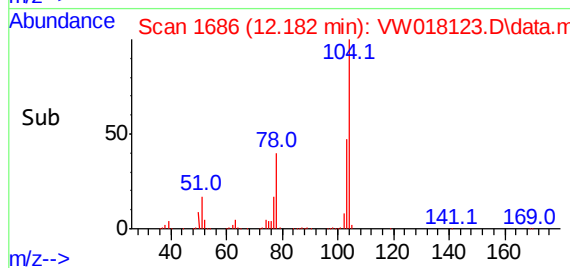
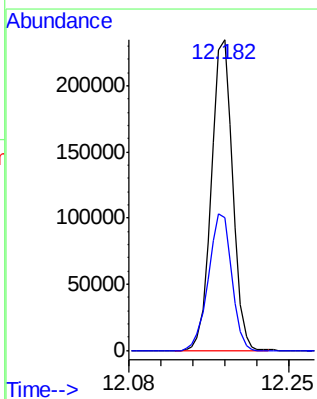
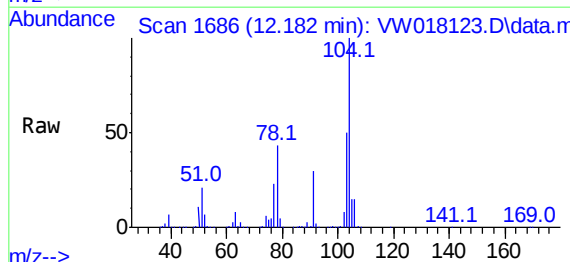
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

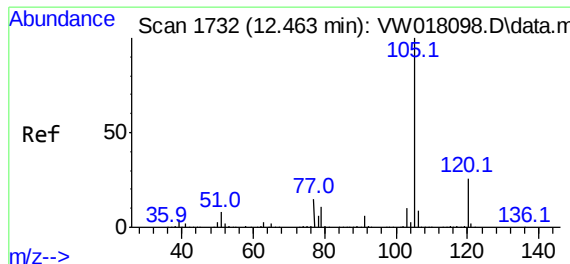
Tgt Ion:106 Resp: 225726
Ion Ratio Lower Upper
106 100
91 212.3 147.6 274.2



#56
Styrene
Concen: 24.53 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion:104 Resp: 386641
Ion Ratio Lower Upper
104 100
78 42.6 31.3 58.1

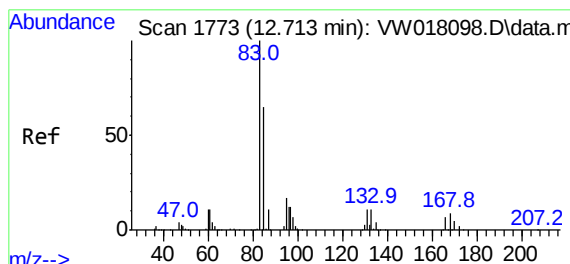
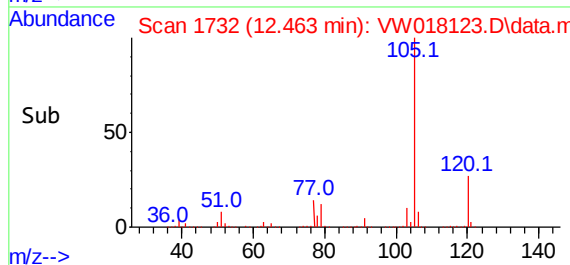
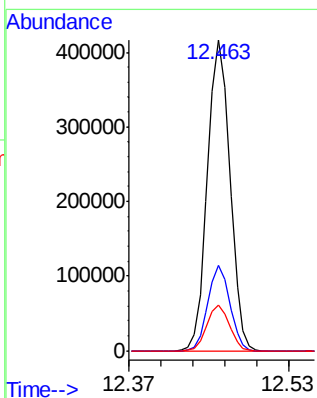
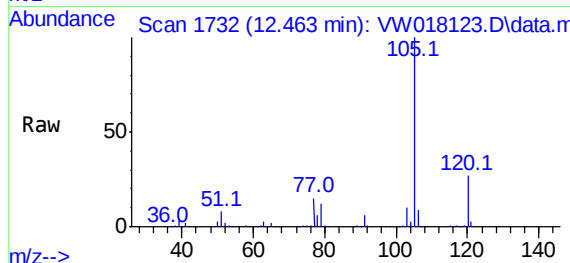




#57
Isopropylbenzene
Concen: 24.74 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

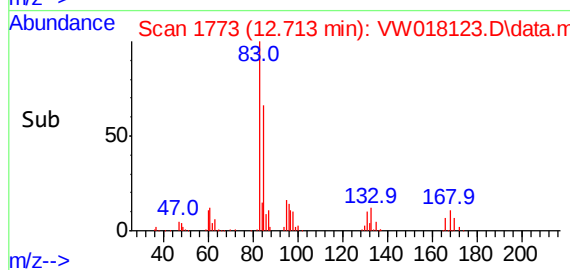
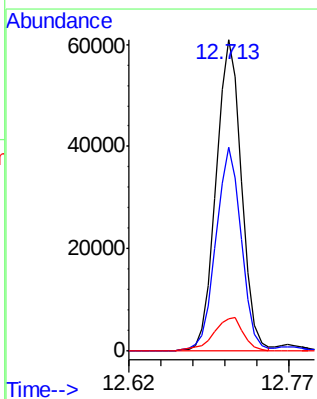
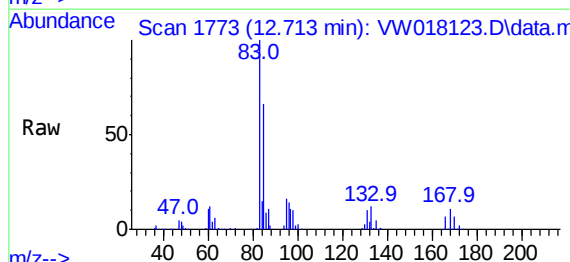
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

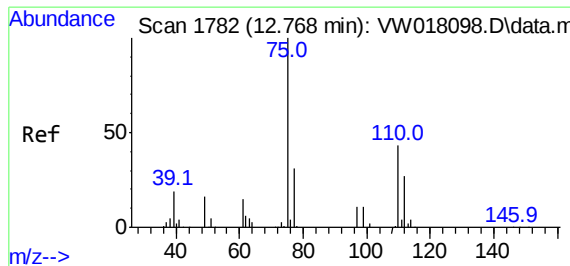
Tgt Ion:105 Resp: 638389
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.7 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 20.71 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 83 Resp: 98317
Ion Ratio Lower Upper
83 100
85 65.6 45.3 84.1
131 10.2 8.3 12.5

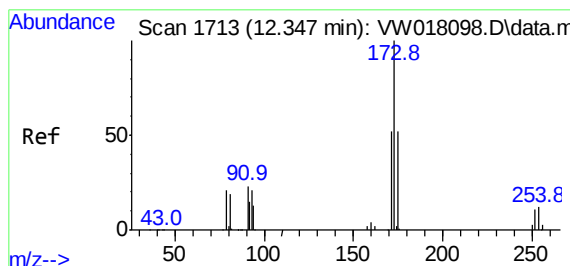
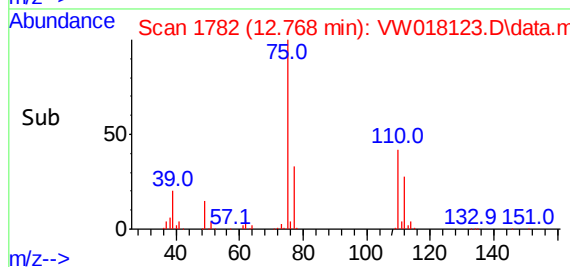
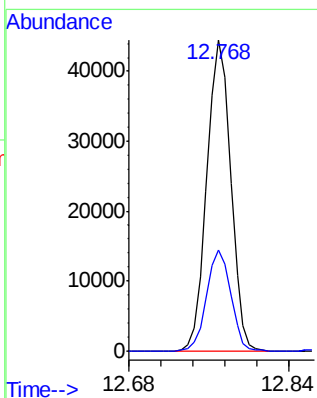
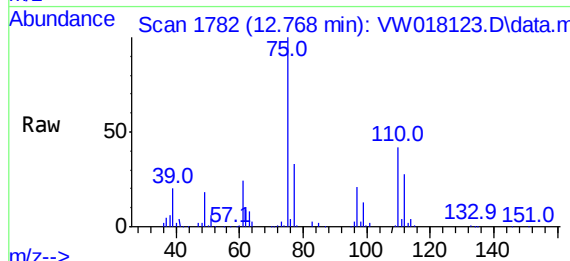




#59
1,2,3-Trichloropropane
Concen: 20.09 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

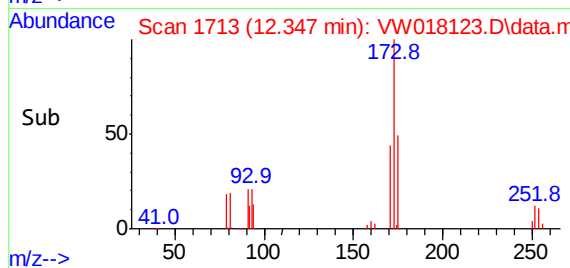
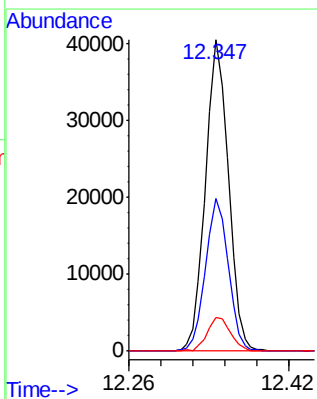
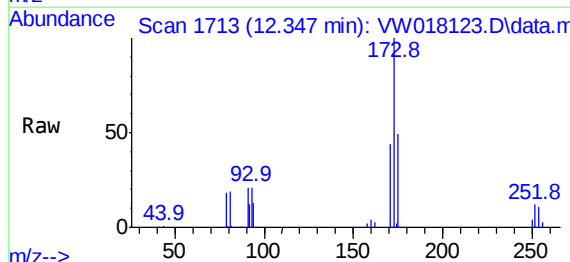
Instrument :
MSVOA_W
ClientSampleID :
VSTD02523

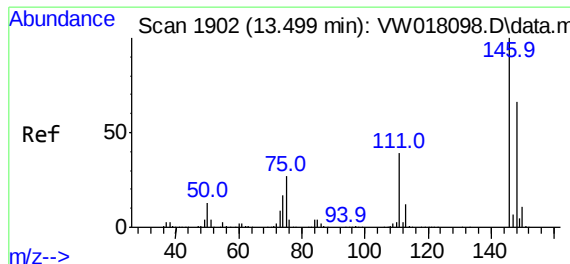
Tgt Ion: 75 Resp: 72228
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8



#62
Bromoform
Concen: 23.45 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 173 Resp: 66596
Ion Ratio Lower Upper
173 100
175 48.5 39.1 58.7
254 10.5 7.1 10.7

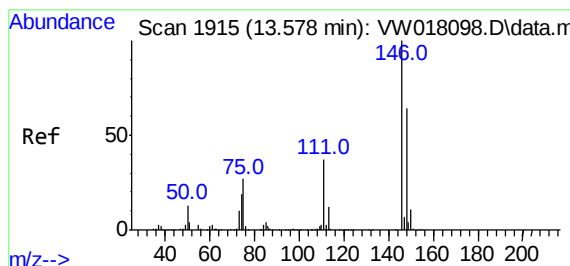
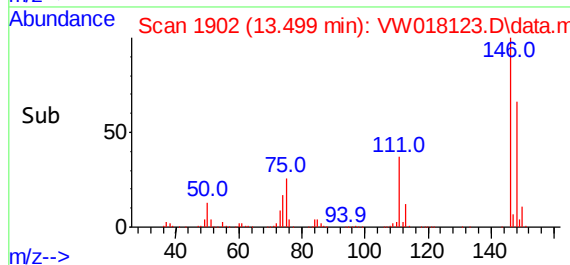
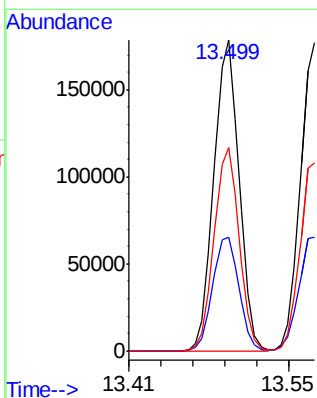
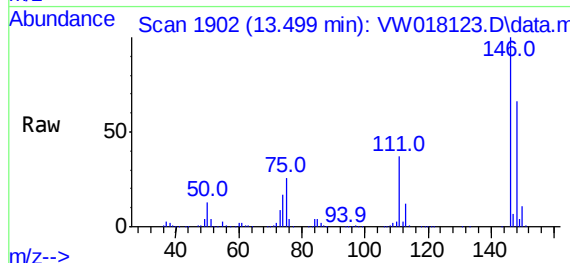




#63
1,3-Dichlorobenzene
Concen: 24.47 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

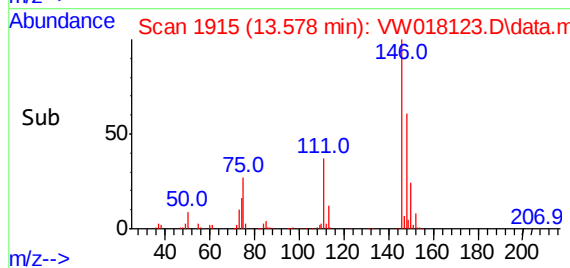
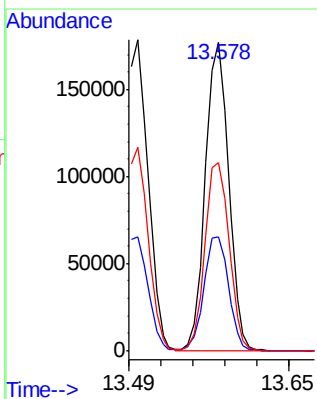
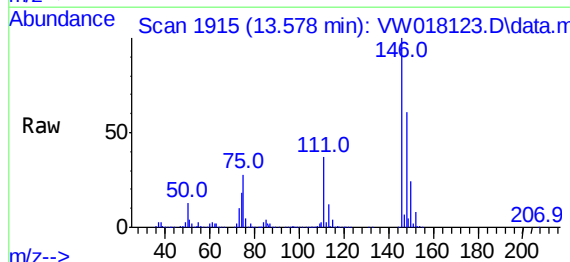
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

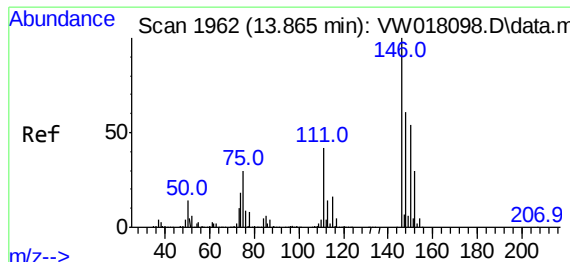
Tgt Ion:146 Resp: 287527
Ion Ratio Lower Upper
146 100
111 36.7 28.5 52.9
148 65.5 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 23.75 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion:146 Resp: 280600
Ion Ratio Lower Upper
146 100
111 36.7 27.7 51.5
148 60.8 47.0 87.2

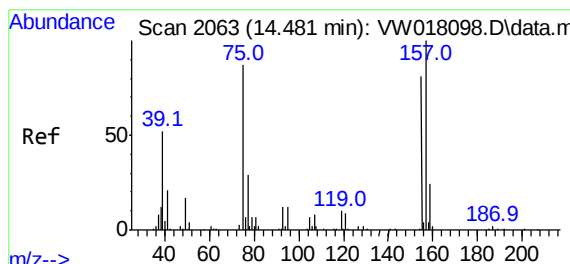
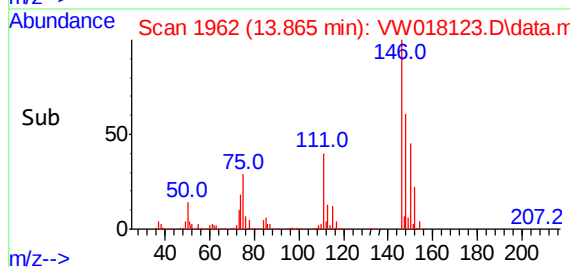
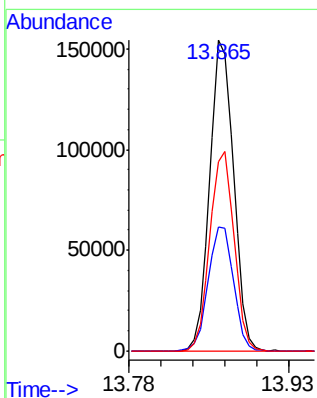
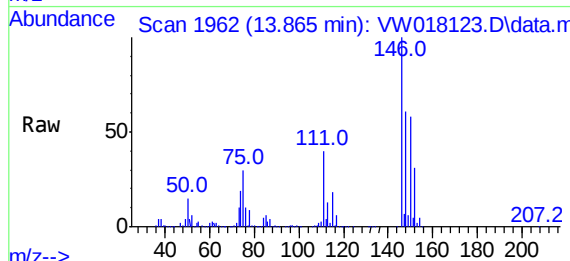




#65
1,2-Dichlorobenzene
Concen: 23.59 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

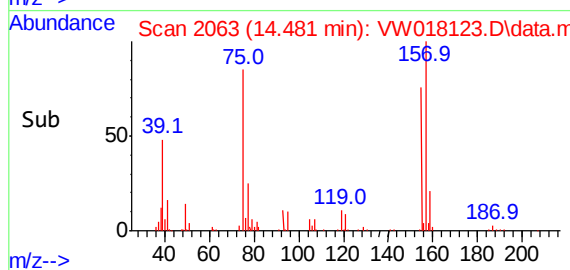
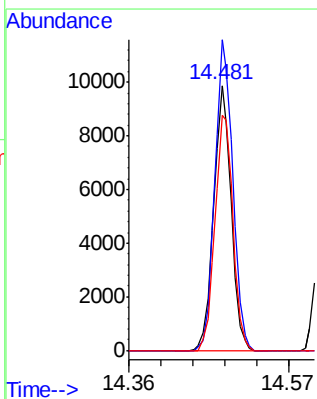
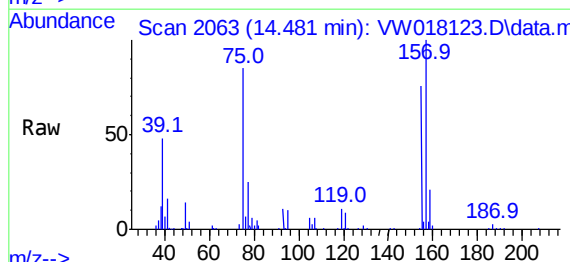
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

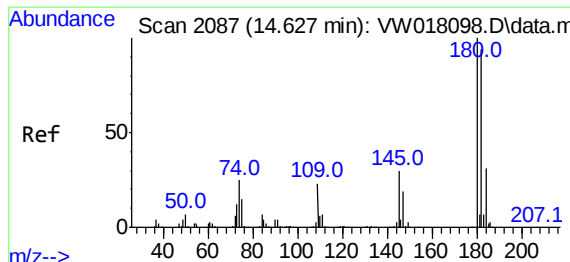
Tgt Ion:146 Resp: 249941
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 60.9 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 19.46 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion: 75 Resp: 15613
Ion Ratio Lower Upper
75 100
157 117.3 99.9 149.9
155 89.1 71.4 107.0

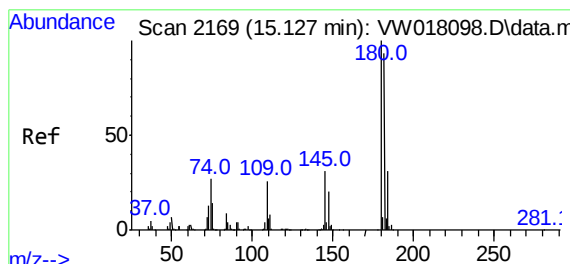
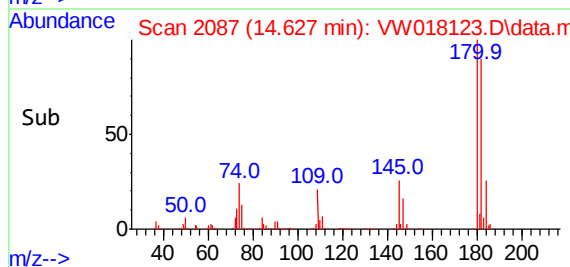
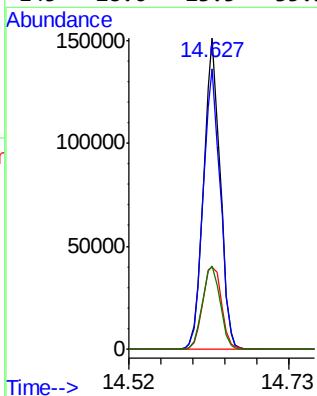
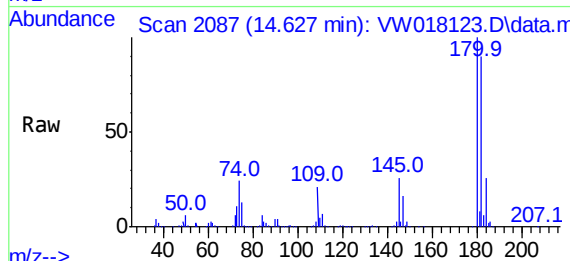




#67
1,3,5-Trichlorobenzene
Concen: 24.84 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

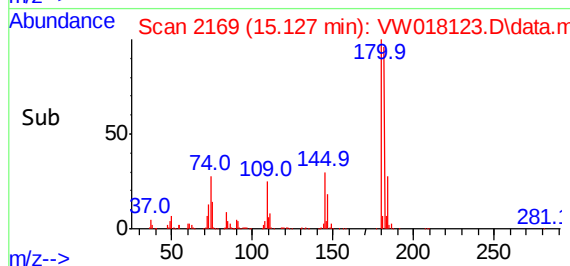
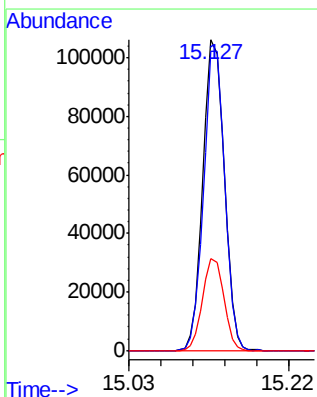
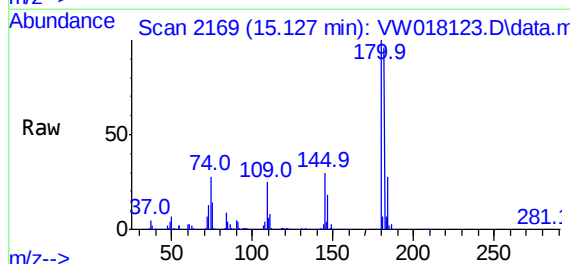
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

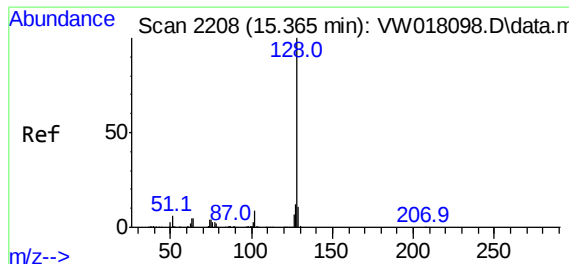
Tgt Ion:180 Resp: 224211
Ion Ratio Lower Upper
180 100
182 93.6 77.0 115.6
184 29.9 24.2 36.4
145 28.6 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 23.82 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion:180 Resp: 179246
Ion Ratio Lower Upper
180 100
182 95.4 71.3 106.9
145 29.6 24.0 36.0

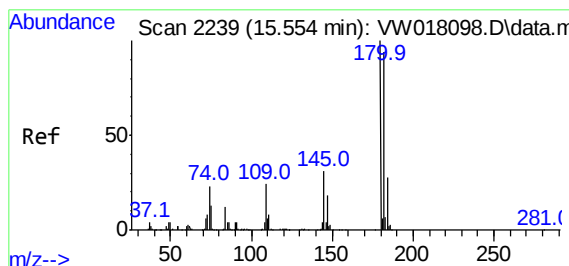
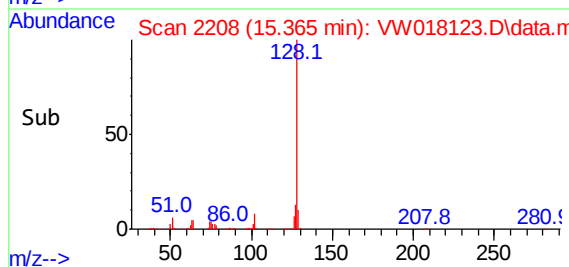
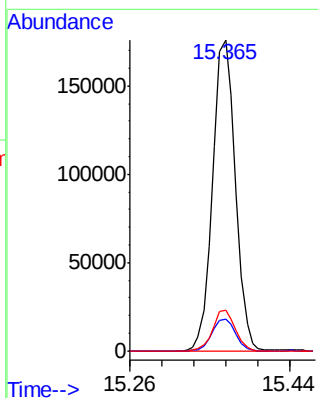
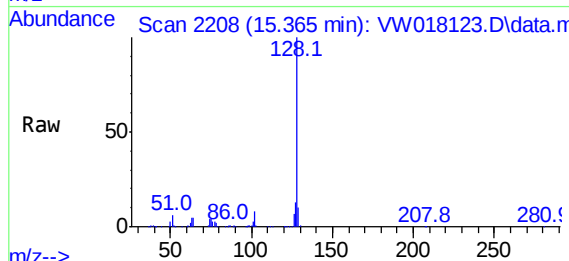




#69
Naphthalene
Concen: 21.25 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion:128 Resp: 311033
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.9 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 22.40 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018123.D
Acq: 15 Feb 2021 09:37

Tgt Ion:180 Resp: 150257
Ion Ratio Lower Upper
180 100
182 98.5 74.7 112.1
145 32.4 25.4 38.0

