

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018434.D
 Acq On : 23 Mar 2021 18:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Mar 24 01:27:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	464923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	418886	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	198816	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	161266	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.72%
7) Chloroethane-d5	2.897	69	154221	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.92%
10) 1,1-Dichloroethene-d2	4.025	63	310742	27.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.28%#
20) 2-Butanone-d5	7.086	46	60099	41.72	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.44%
24) Chloroform-d	7.653	84	318539	26.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	8.311	65	167751	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.08%
29) Benzene-d6	8.275	84	588331	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	9.274	67	164035	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.16%
37) Toluene-d8	10.323	98	576128	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.48%
38) trans-1,3-Dichloroprop...	10.579	79	76899	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.926	63	52753	41.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.92%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	134624	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	182057	25.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.04%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	124529	23.32	ug/L	93
3) Chloromethane	2.215	50	177491	26.37	ug/L	97
5) Vinyl chloride	2.367	62	252040	28.52	ug/L	100
6) Bromomethane	2.788	94	202048	31.65	ug/L	99
8) Chloroethane	2.928	64	163580	29.68	ug/L	95
9) Trichlorofluoromethane	3.269	101	163215	36.70	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	171076	29.92	ug/L	98
12) 1,1-Dichloroethene	4.044	96	169939	29.12	ug/L	94
13) Acetone	4.141	43	40667	39.30	ug/L	100
14) Carbon disulfide	4.385	76	509143	28.97	ug/L	100
15) Methyl Acetate	4.678	43	51228	21.65	ug/L	100
16) Methylene chloride	4.921	84	171847	22.53	ug/L	92
17) Methyl tert-butyl Ether	5.427	73	225573	26.46	ug/L	99
18) trans-1,2-Dichloroethene	5.434	96	181565	28.18	ug/L	97
19) 1,1-Dichloroethane	6.220	63	313602	28.53	ug/L	97
21) 2-Butanone	7.177	43	64694	39.35	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	187606	27.68	ug/L	94
23) Bromochloromethane	7.519	128	79601	26.54	ug/L	90
25) Chloroform	7.677	83	329990	28.28	ug/L	98
27) 1,2-Dichloroethane	8.403	62	216152	26.11	ug/L	97

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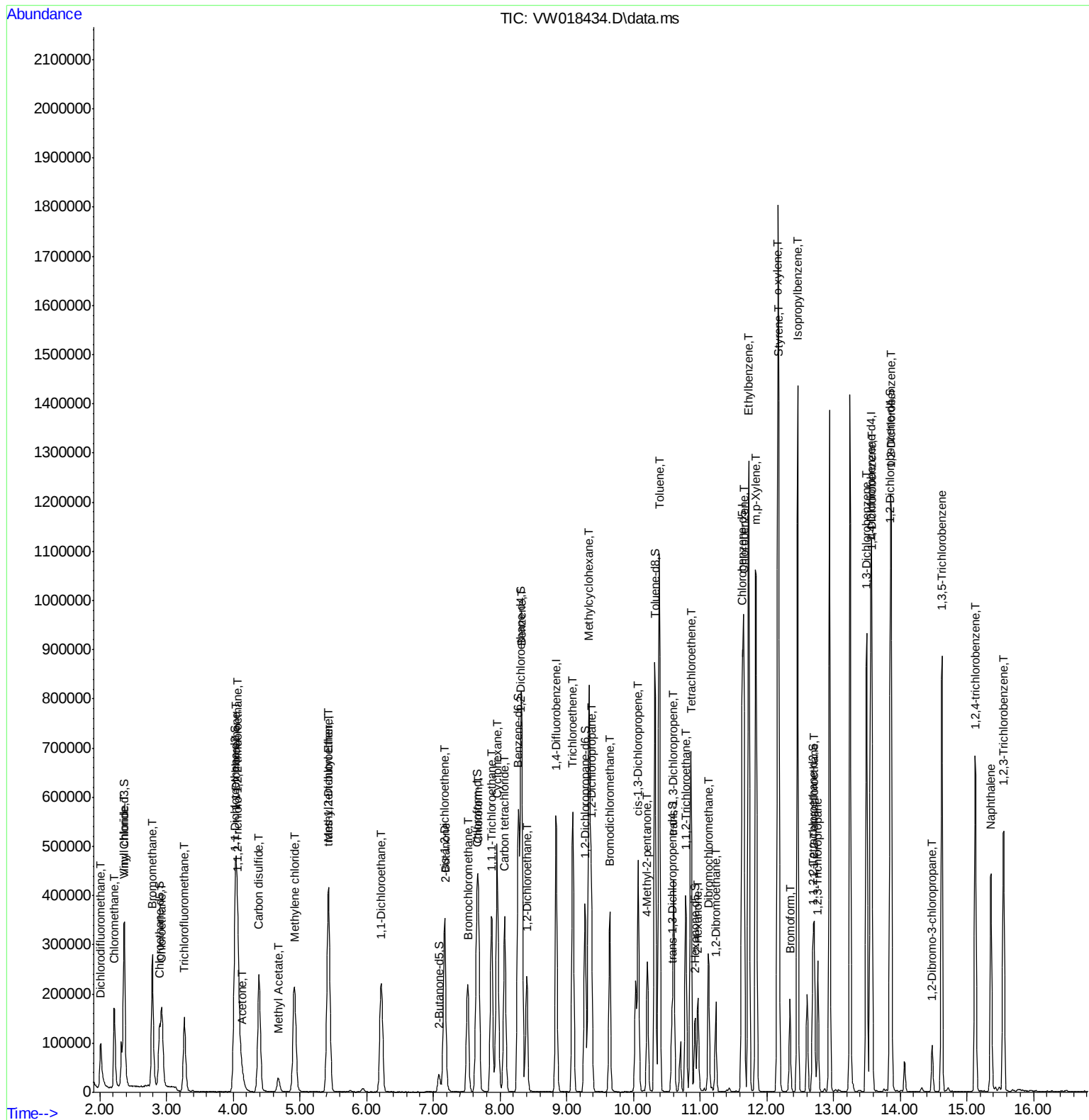
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.957	56	283891	28.55	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	288113	30.77	ug/L	97
32) Carbon tetrachloride	8.073	117	262467	30.08	ug/L	100
34) Benzene	8.323	78	714267	29.44	ug/L	100
35) Trichloroethene	9.091	95	194347	29.00	ug/L	98
36) Methylcyclohexane	9.335	83	343248	29.25	ug/L	97
40) 1,2-Dichloropropane	9.372	63	163425	27.54	ug/L	98
41) Bromodichloromethane	9.646	83	232044	27.66	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	267236	26.63	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	161633	45.29	ug/L	96
44) Toluene	10.390	91	811341	29.42	ug/L	94
45) trans-1,3-Dichloropropene	10.603	75	229613	25.48	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	119886	25.34	ug/L	99
47) Tetrachloroethene	10.866	164	150894	29.65	ug/L	95
49) 2-Hexanone	10.969	43	109931	43.53	ug/L	99
50) Dibromochloromethane	11.128	129	143732	25.76	ug/L	92
51) 1,2-Dibromoethane	11.237	107	118286	25.24	ug/L	97
52) Chlorobenzene	11.658	112	485042	27.73	ug/L	96
53) Ethylbenzene	11.731	91	897165	28.85	ug/L	98
54) m,p-Xylene	11.835	106	337382	28.39	ug/L	97
55) o-xylene	12.164	106	318187	28.09	ug/L	100
56) Styrene	12.182	104	534111	27.65	ug/L	97
57) Isopropylbenzene	12.463	105	906540	29.43	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	141057	24.63	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	102891	23.80	ug/L	99
62) Bromoform	12.347	173	80805	26.50	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	360802	28.35	ug/L	97
64) 1,4-Dichlorobenzene	13.578	146	349564	27.22	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	323060	28.41	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	22942	22.32	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.627	180	254623	27.74	ug/L	95
68) 1,2,4-trichlorobenzene	15.133	180	203691	26.09	ug/L	92
69) Naphthalene	15.365	128	373328	22.96	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	175974	25.83	ug/L	98

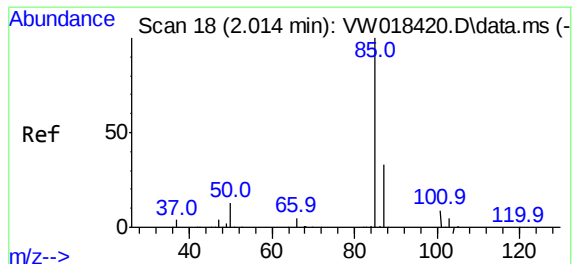
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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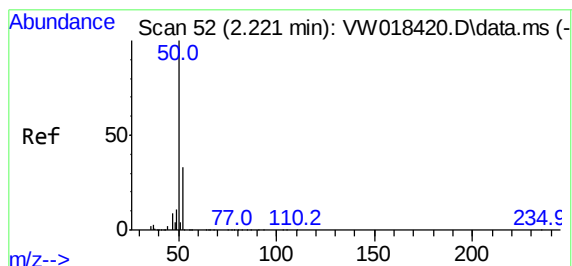
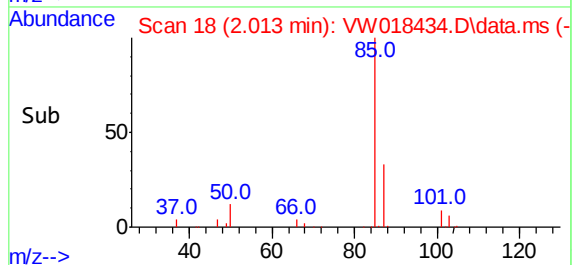
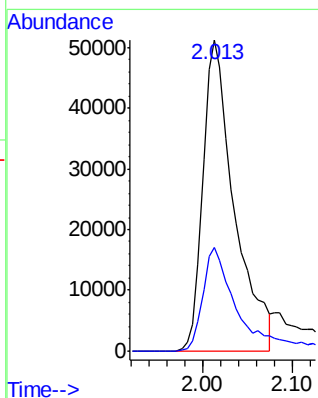
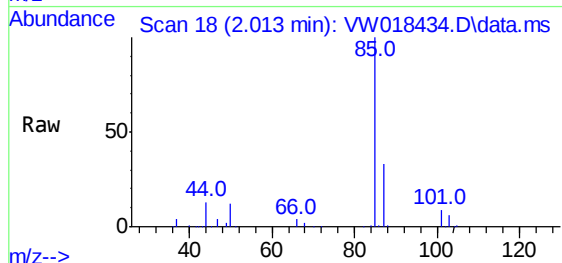




#2
Dichlorodifluoromethane
Concen: 23.32 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

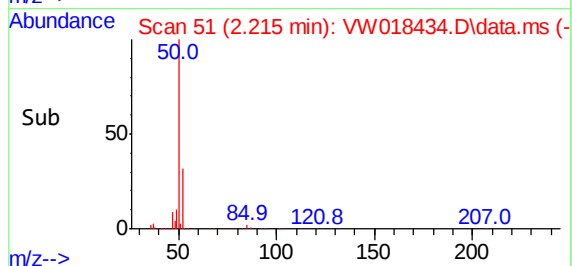
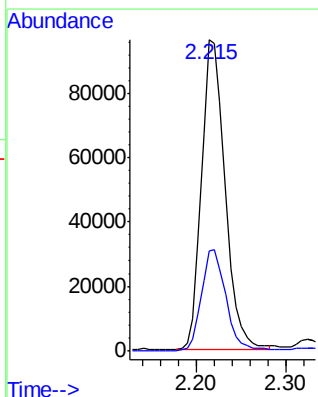
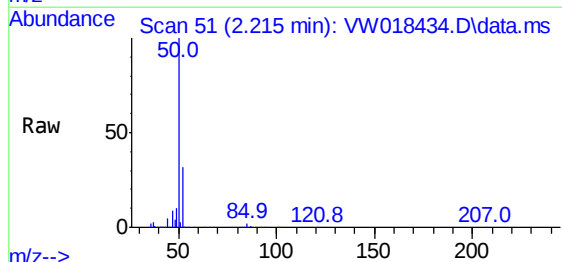
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

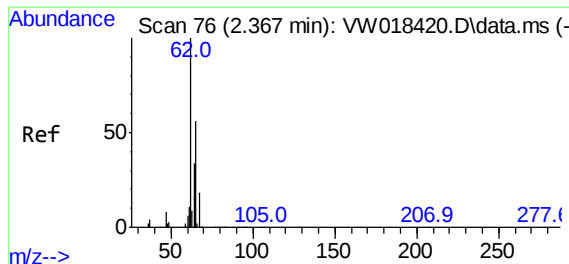
Tgt Ion: 85 Resp: 124529
Ion Ratio Lower Upper
85 100
87 35.4 22.2 41.2



#3
Chloromethane
Concen: 26.37 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 50 Resp: 177491
Ion Ratio Lower Upper
50 100
52 32.2 23.7 43.9

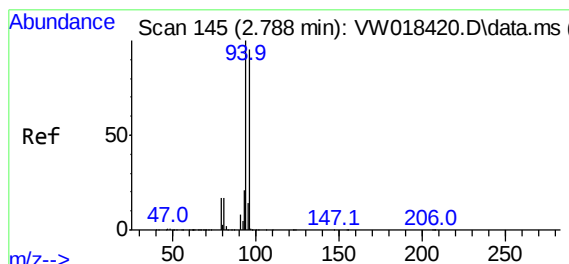
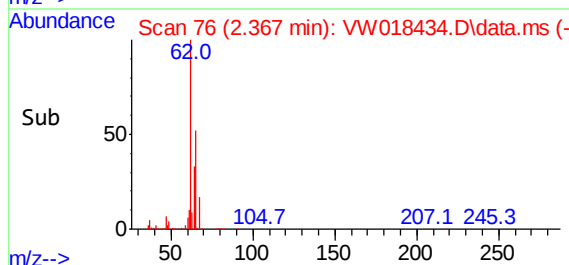
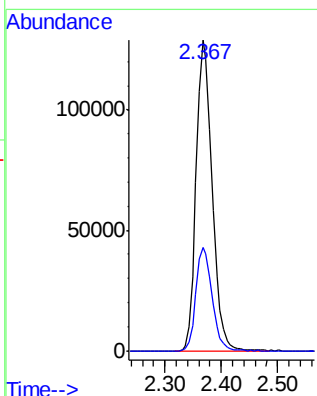
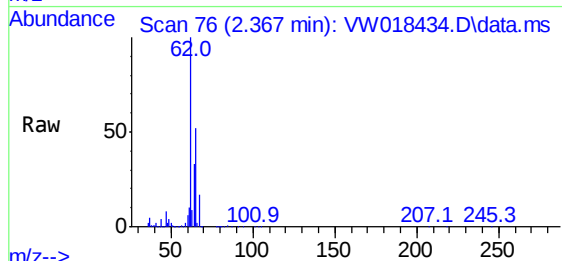




#5
 Vinyl chloride
 Concen: 28.52 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018434.D
 Acq: 23 Mar 2021 18:40

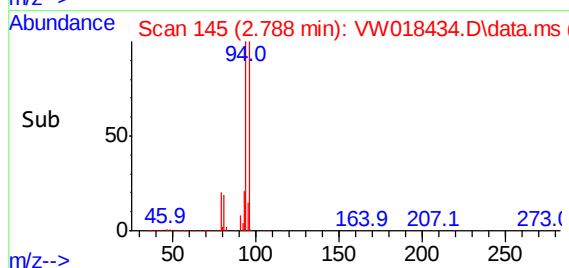
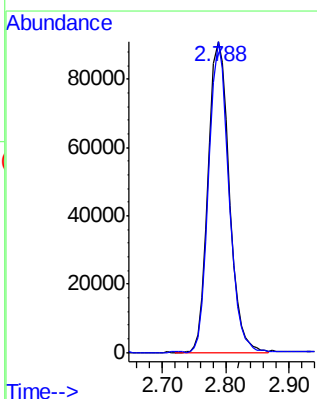
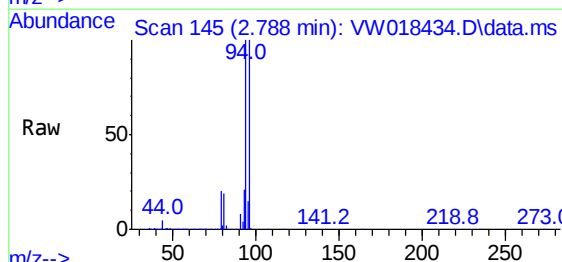
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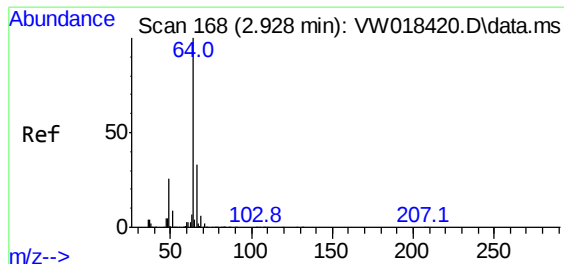
Tgt Ion: 62 Resp: 252040
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.5 43.7



#6
 Bromomethane
 Concen: 31.65 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW018434.D
 Acq: 23 Mar 2021 18:40

Tgt Ion: 94 Resp: 202048
 Ion Ratio Lower Upper
 94 100
 96 95.1 9.4 179.4

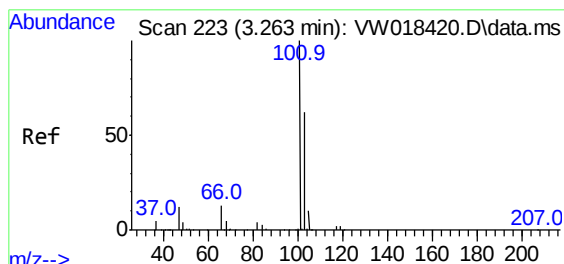
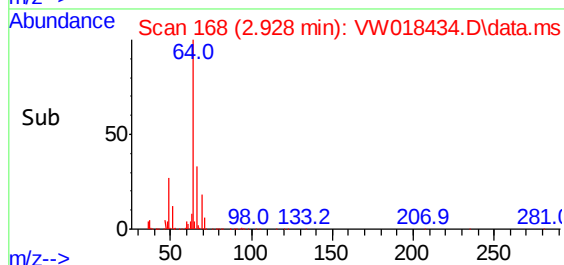
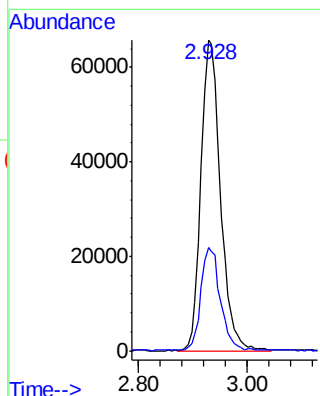
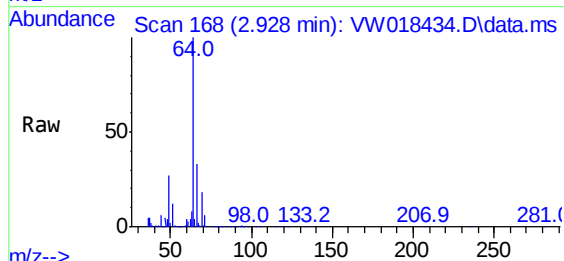




#8
Chloroethane
Concen: 29.68 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

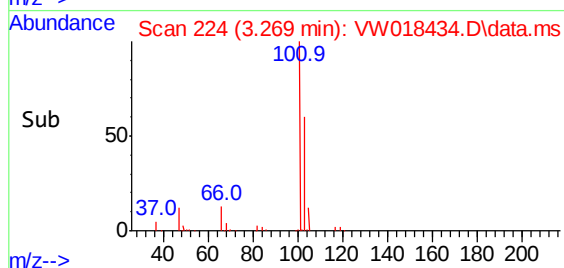
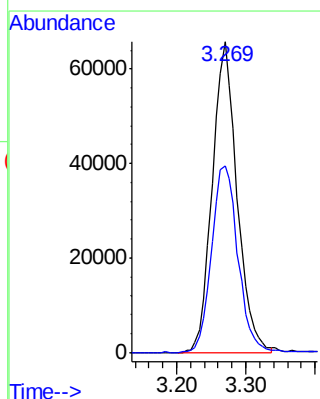
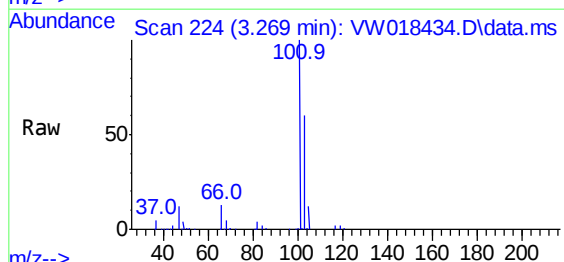
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

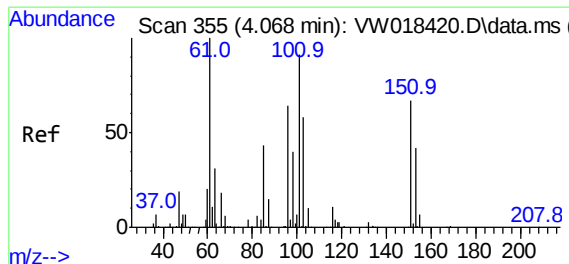
Tgt Ion: 64 Resp: 163580
Ion Ratio Lower Upper
64 100
66 33.3 21.6 40.0



#9
Trichlorofluoromethane
Concen: 36.70 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 101 Resp: 163215
Ion Ratio Lower Upper
101 100
103 64.0 45.6 84.8



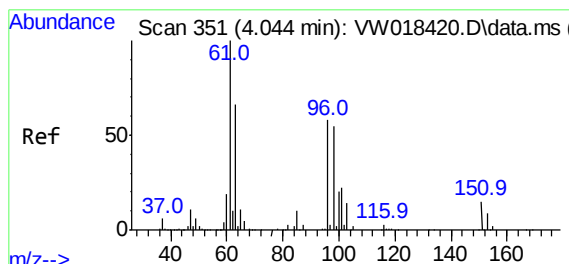
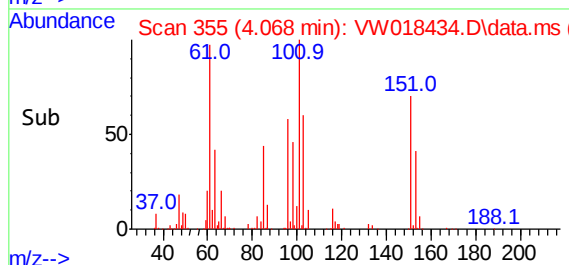
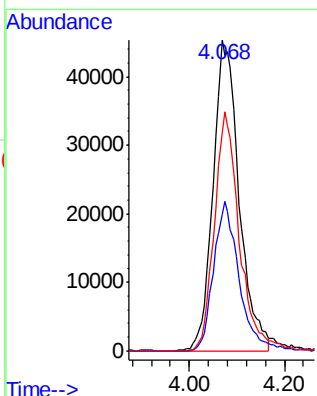
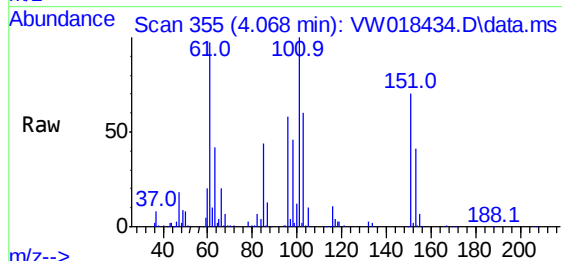


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.92 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018434.D
 Acq: 23 Mar 2021 18:40

Instrument :
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 ClientSampleId :
 VSTD02511

Tgt Ion:101 Resp: 171076

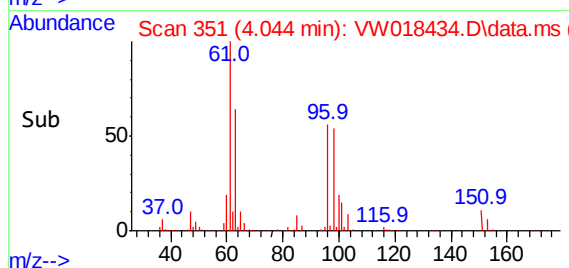
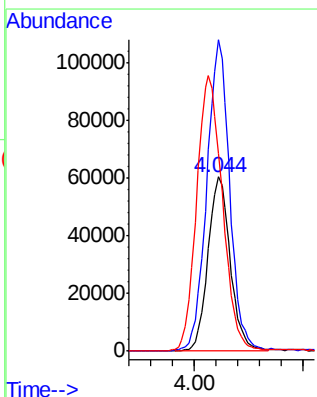
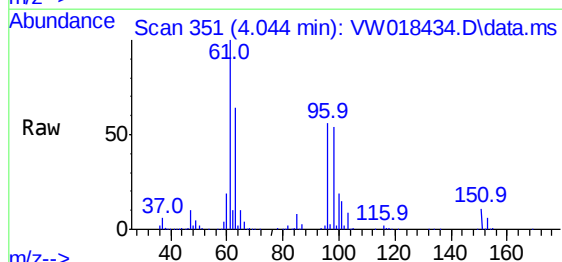
Ion	Ratio	Lower	Upper
101	100		
85	46.6	35.6	53.4
151	73.6	58.1	87.1

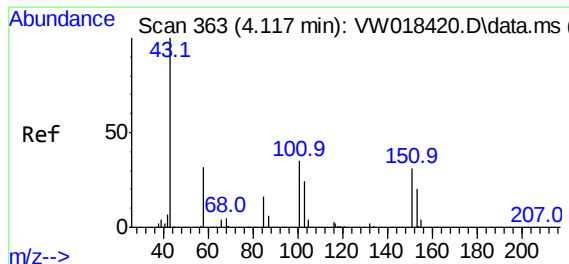


#12
 1,1-Dichloroethene
 Concen: 29.12 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW018434.D
 Acq: 23 Mar 2021 18:40

Tgt Ion: 96 Resp: 169939

Ion	Ratio	Lower	Upper
96	100		
61	179.3	118.6	220.2
63	113.9	82.4	153.0

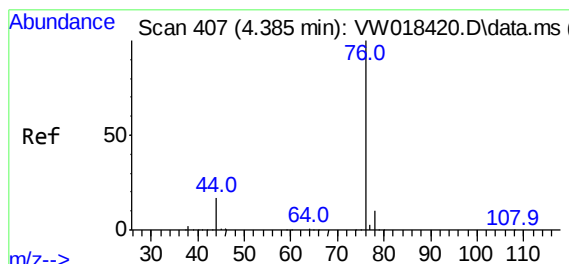
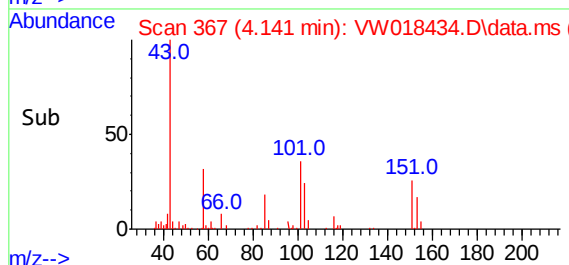
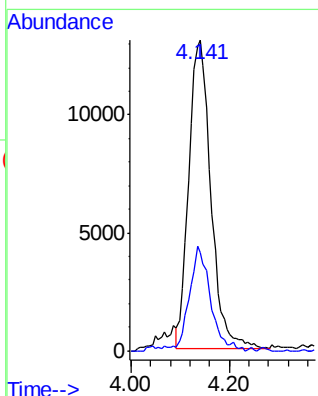
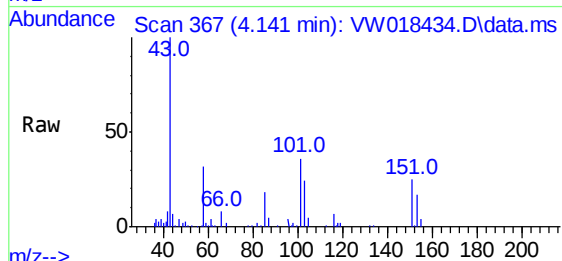




#13
Acetone
Concen: 39.30 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.024 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

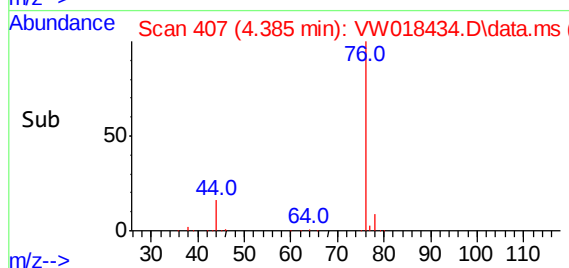
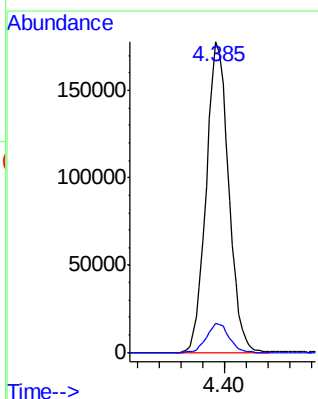
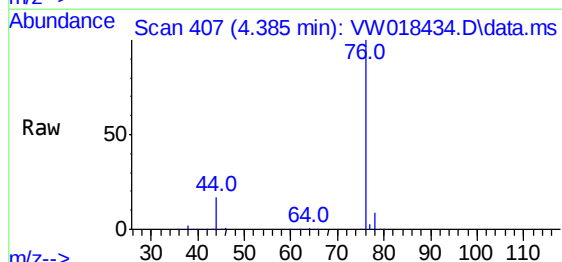
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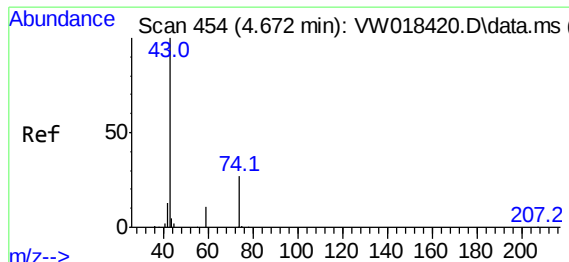
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Ion Ratio Lower Upper
43 100
58 31.3 0.0 62.2



#14
Carbon disulfide
Concen: 28.97 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 76 Resp: 509143
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

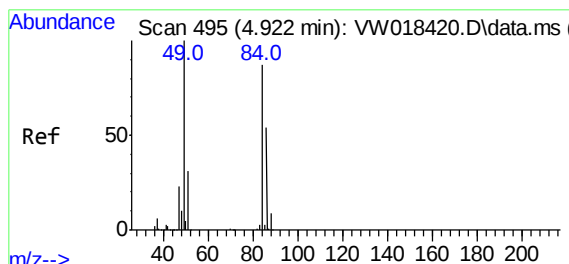
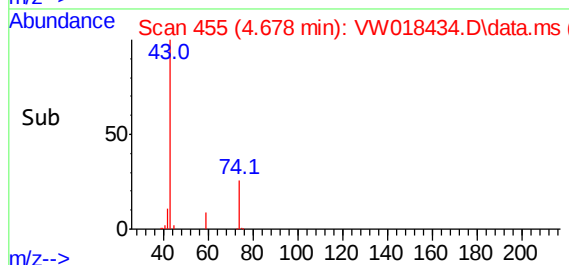
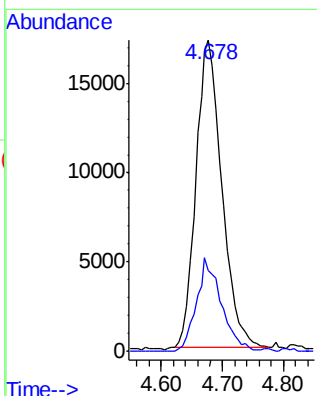
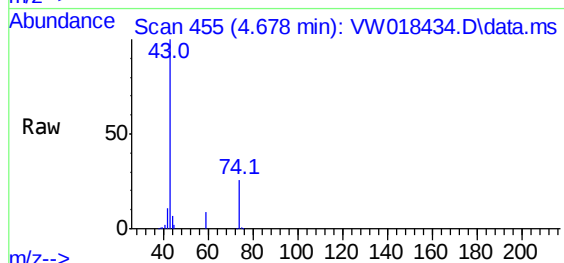




#15
Methyl Acetate
Concen: 21.65 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

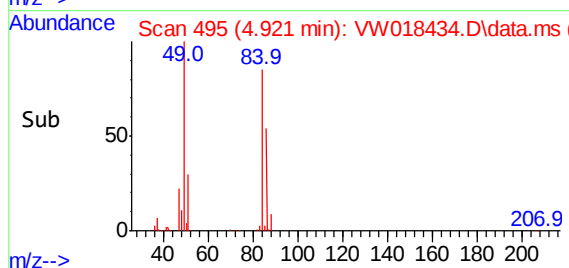
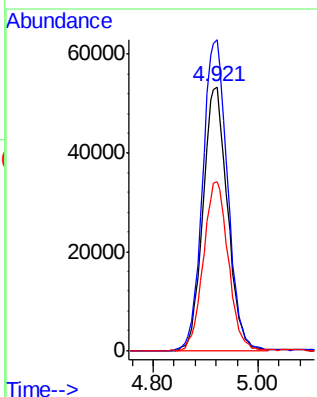
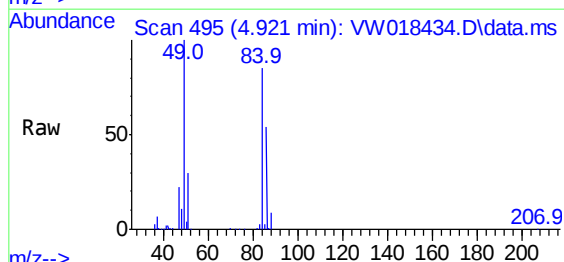
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

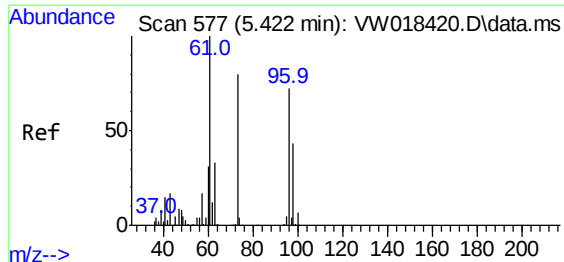
Tgt Ion: 43 Resp: 51228
Ion Ratio Lower Upper
43 100
74 28.7 22.9 34.3



#16
Methylene chloride
Concen: 22.53 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 84 Resp: 171847
Ion Ratio Lower Upper
84 100
49 117.8 74.4 138.2
86 64.0 46.1 85.7

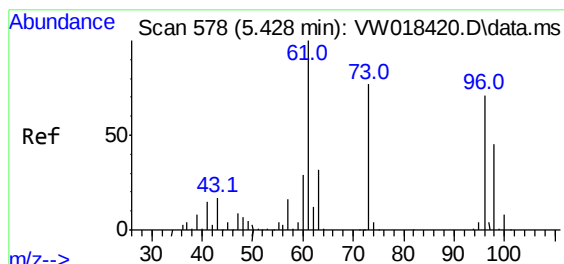
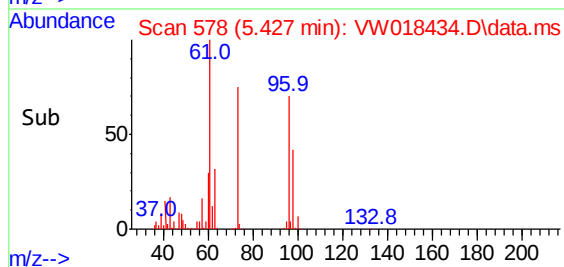
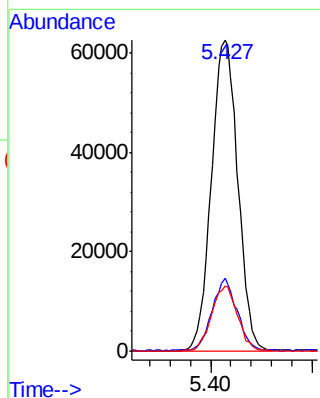
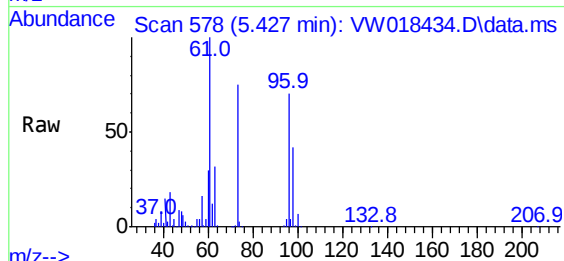




#17
Methyl tert-butyl Ether
Concen: 26.46 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

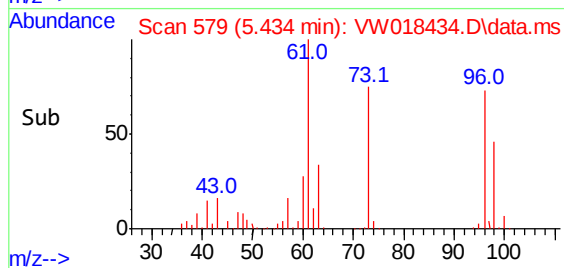
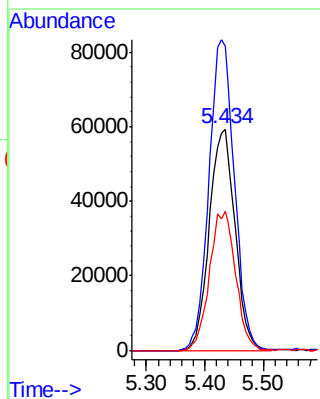
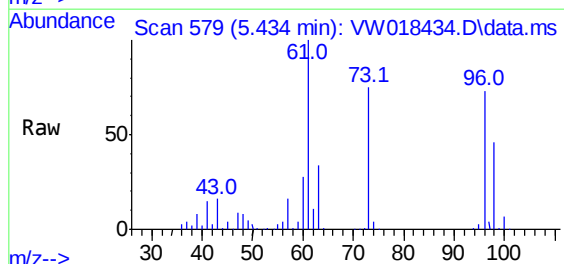
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

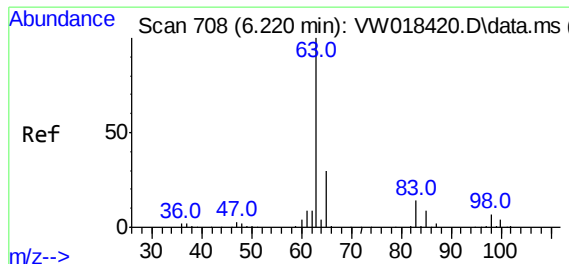
Tgt Ion: 73 Resp: 225573
Ion Ratio Lower Upper
73 100
43 21.6 16.6 24.8
57 20.3 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 28.18 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 96 Resp: 181565
Ion Ratio Lower Upper
96 100
61 137.3 93.3 173.3
98 62.7 45.2 84.0



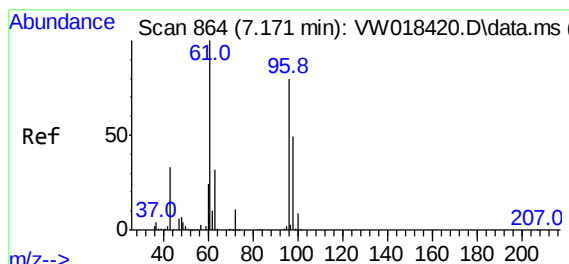
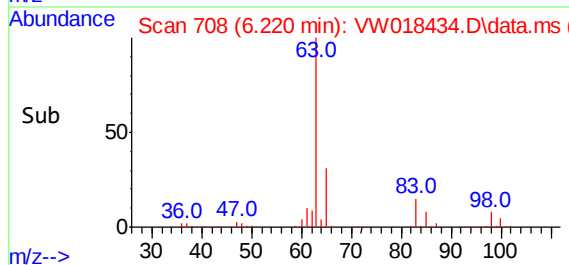
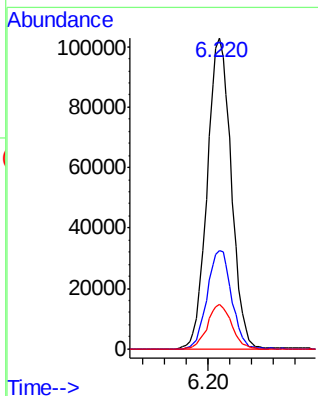
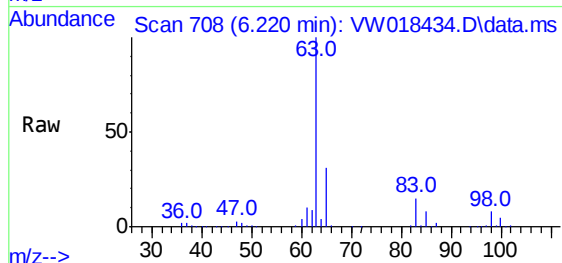


#19
1,1-Dichloroethane
Concen: 28.53 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion: 63 Resp: 313602

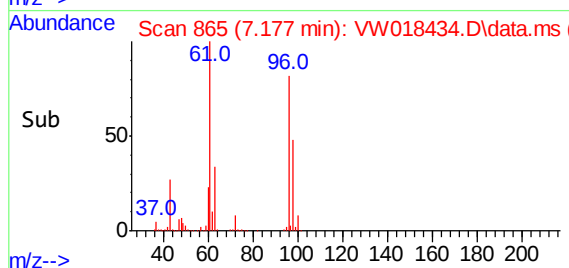
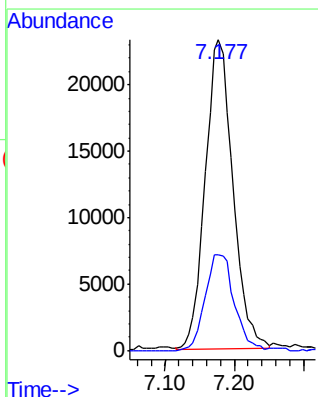
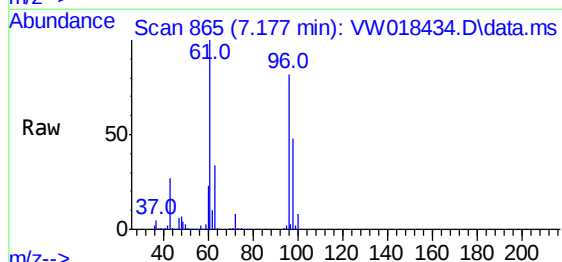
Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.5	43.7
83	14.5	10.3	19.1

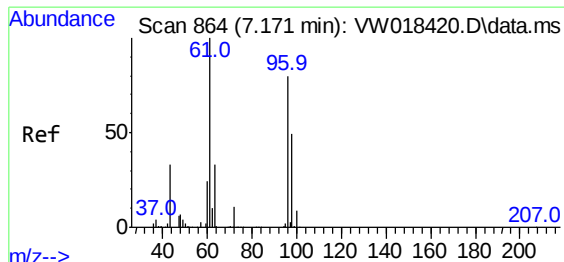


#21
2-Butanone
Concen: 39.35 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 43 Resp: 64694

Ion	Ratio	Lower	Upper
43	100		
72	32.5	16.5	49.5

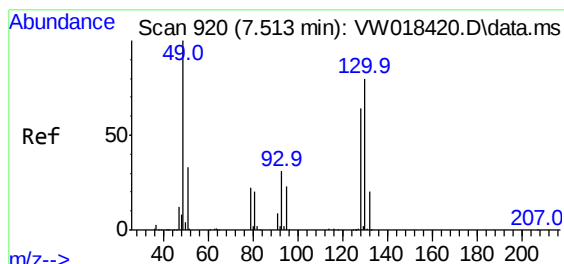
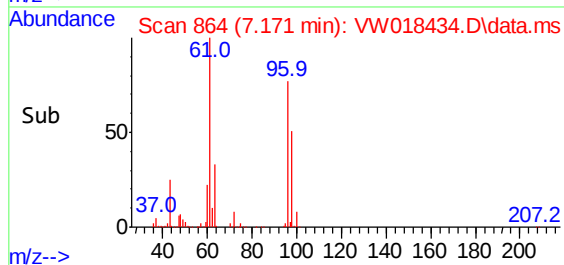
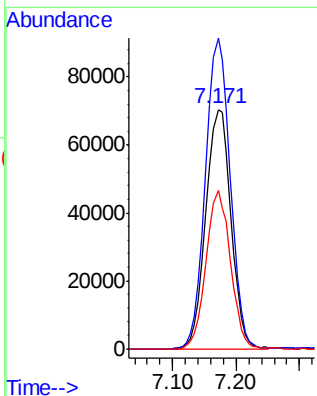
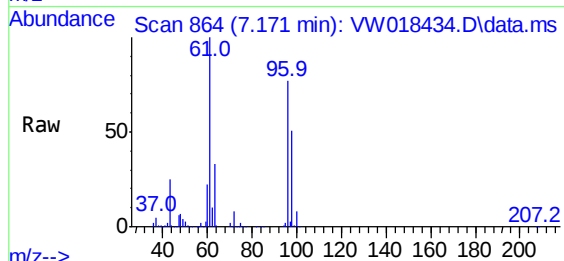




#22
cis-1,2-Dichloroethene
Concen: 27.68 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

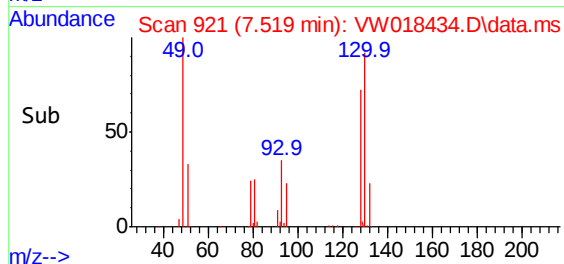
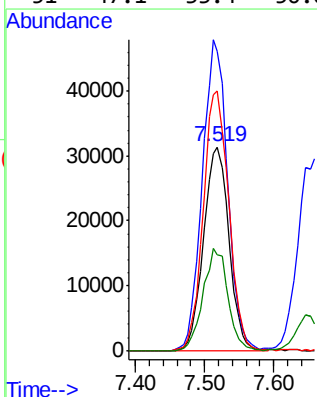
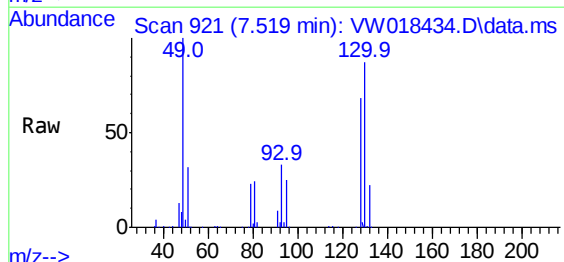
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

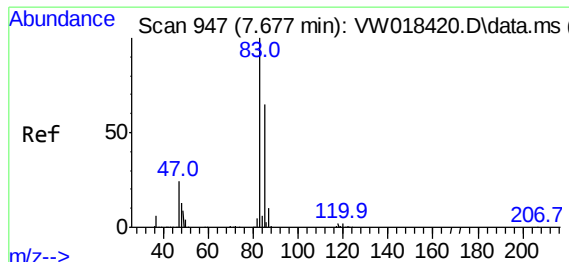
Tgt Ion: 96 Resp: 187606
Ion Ratio Lower Upper
96 100
61 129.9 84.8 157.6
98 66.1 45.1 83.9



#23
Bromochloromethane
Concen: 26.54 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion:128 Resp: 79601
Ion Ratio Lower Upper
128 100
49 146.8 92.4 171.6
130 127.5 83.9 155.7
51 47.1 33.4 50.0

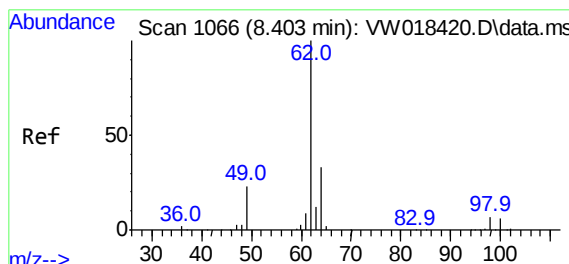
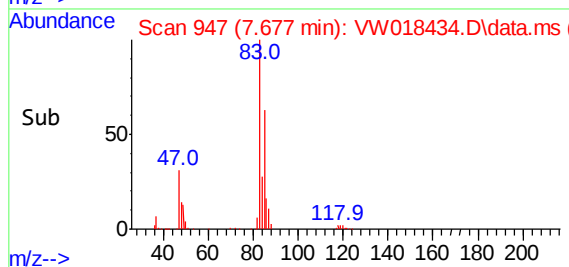
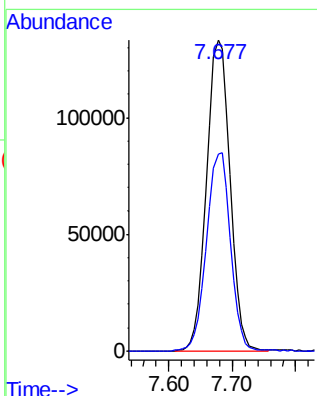
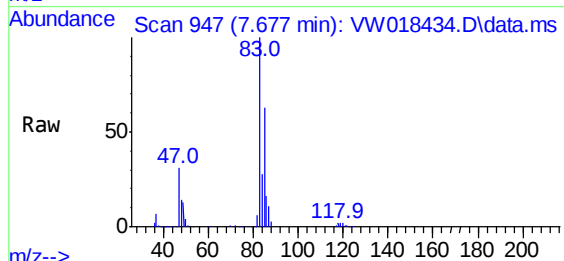




#25
Chloroform
Concen: 28.28 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

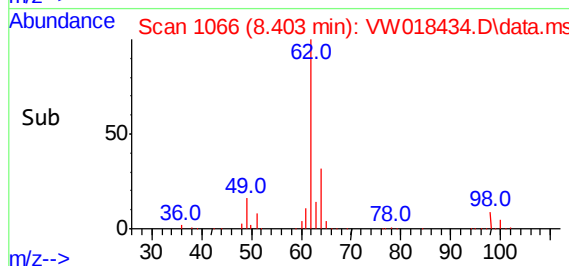
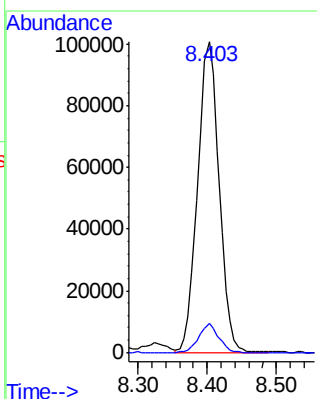
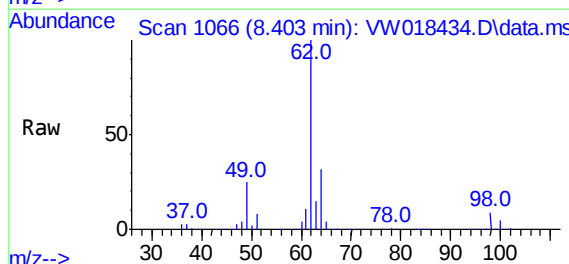
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

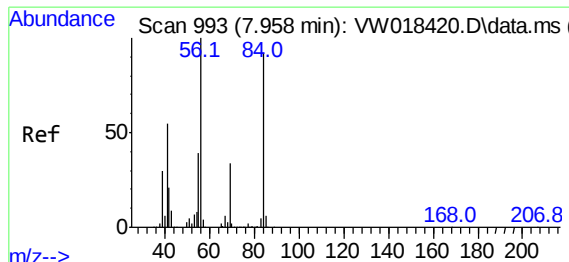
Tgt Ion: 83 Resp: 329990
Ion Ratio Lower Upper
83 100
85 65.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.11 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 62 Resp: 216152
Ion Ratio Lower Upper
62 100
98 9.2 6.4 9.6

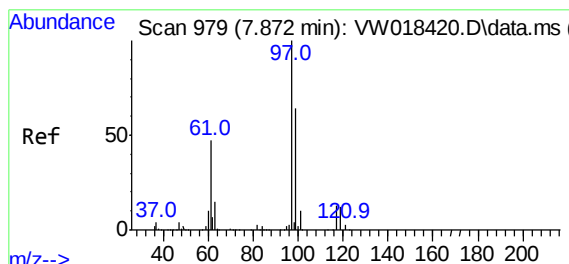
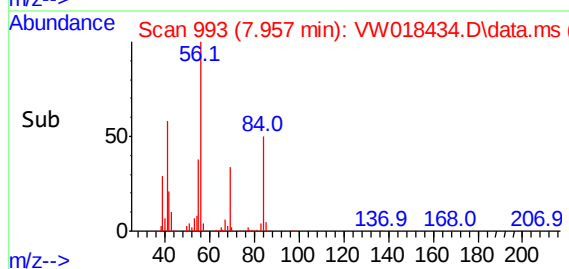
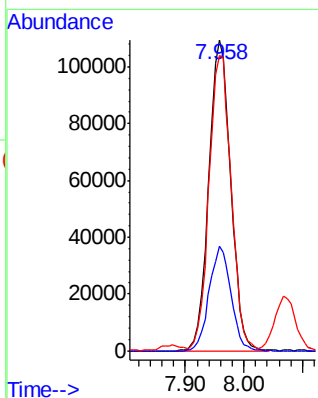
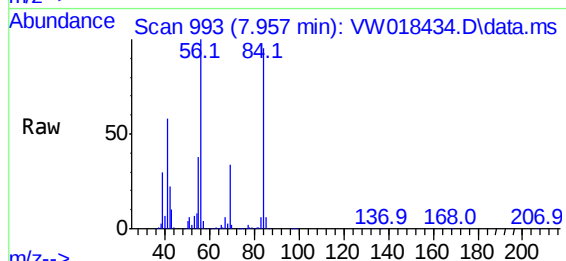




#30
Cyclohexane
Concen: 28.55 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

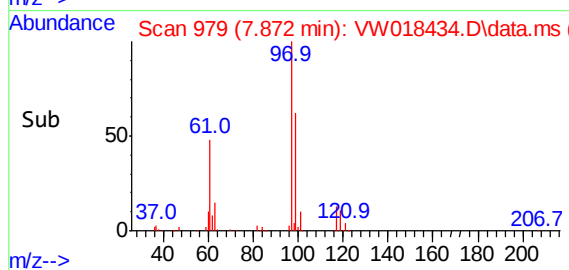
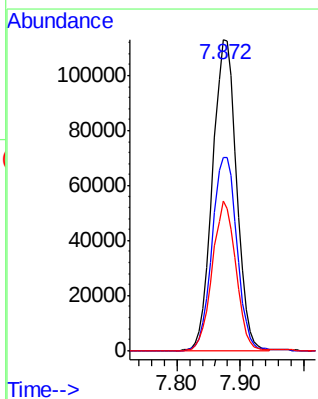
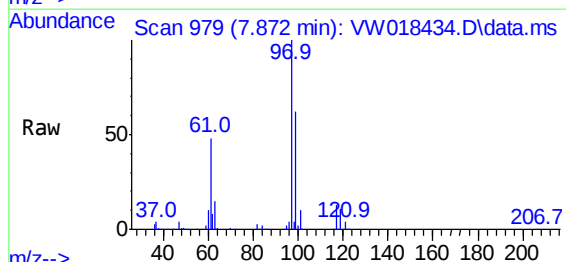
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

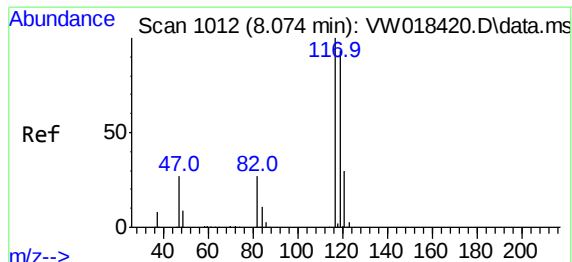
Tgt Ion: 56 Resp: 283891
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.6
84 96.4 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 30.77 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 97 Resp: 288113
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 46.9 34.8 52.2

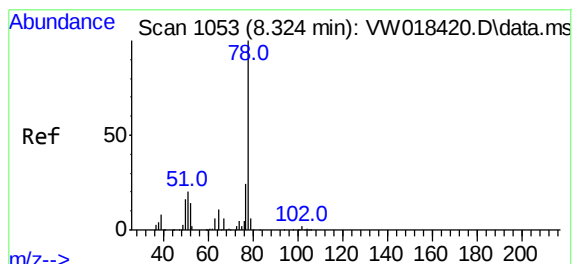
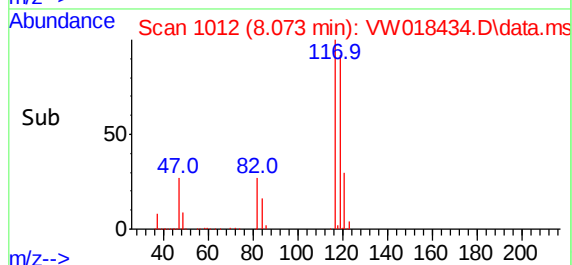
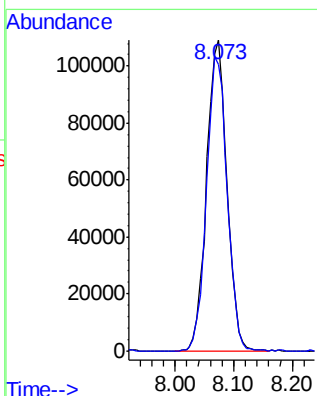
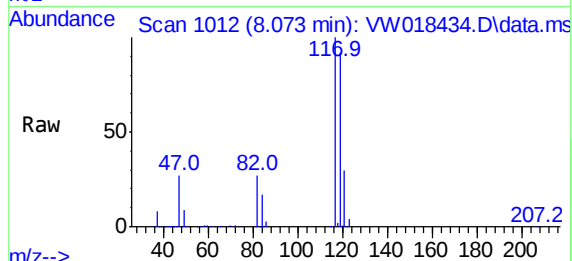




#32
Carbon tetrachloride
Concen: 30.08 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

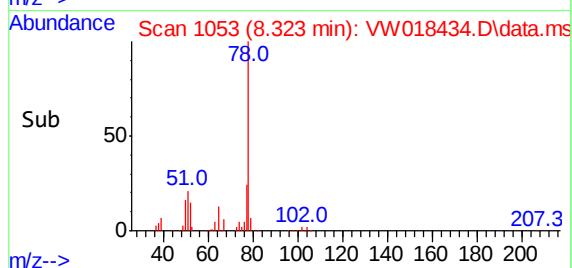
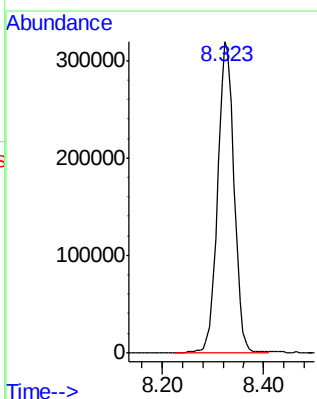
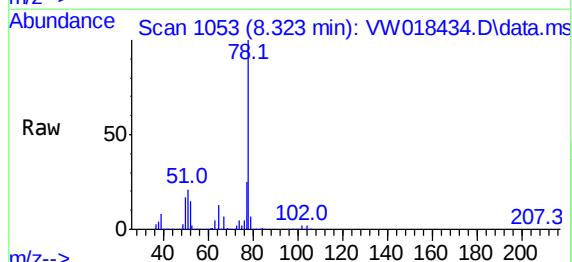
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

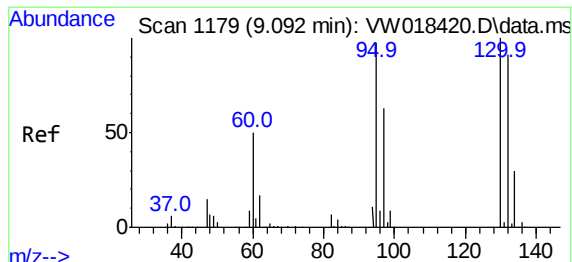
Tgt Ion:117 Resp: 262467
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1



#34
Benzene
Concen: 29.44 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 78 Resp: 714267



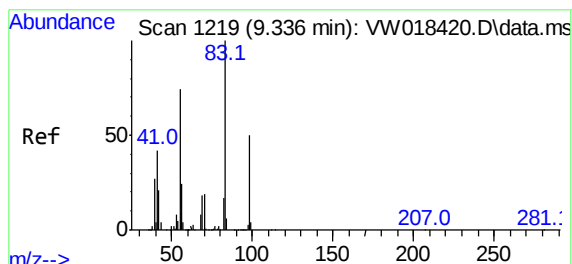
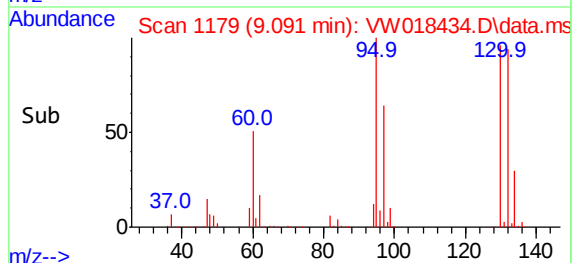
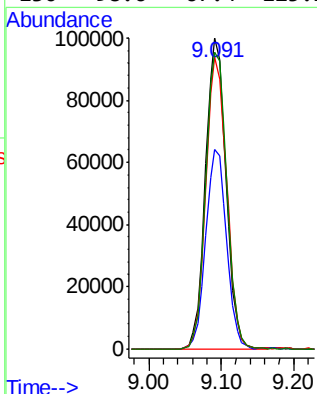
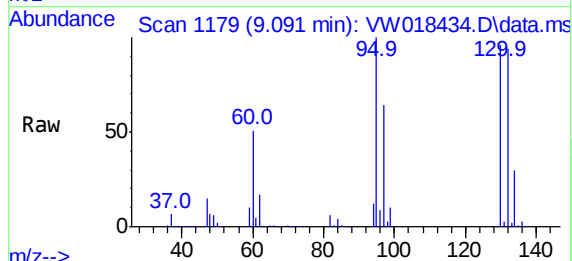


#35
Trichloroethene
Concen: 29.00 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion: 95 Resp: 194347

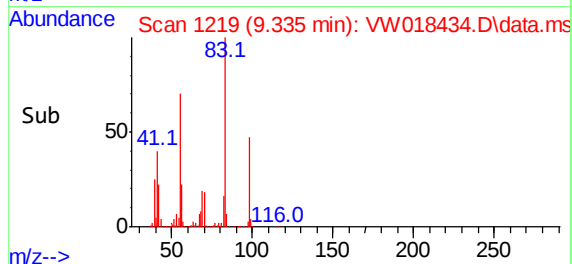
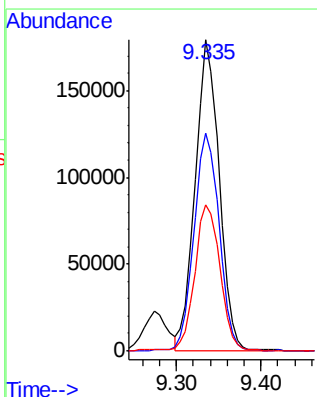
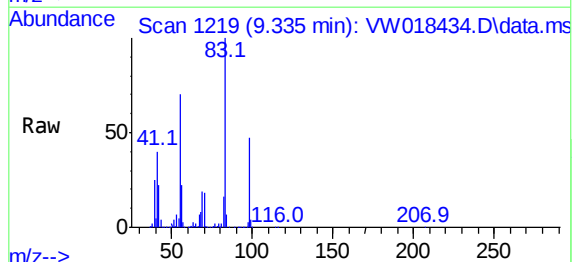
Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.4	82.4
132	95.6	65.9	122.5
130	98.6	67.4	125.2

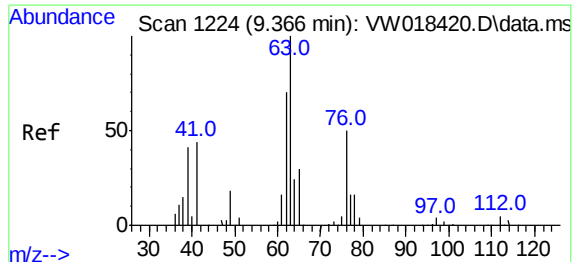


#36
Methylcyclohexane
Concen: 29.25 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 83 Resp: 343248

Ion	Ratio	Lower	Upper
83	100		
55	73.2	56.8	85.2
98	49.1	40.6	61.0

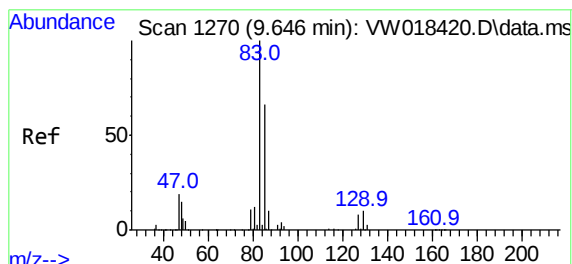
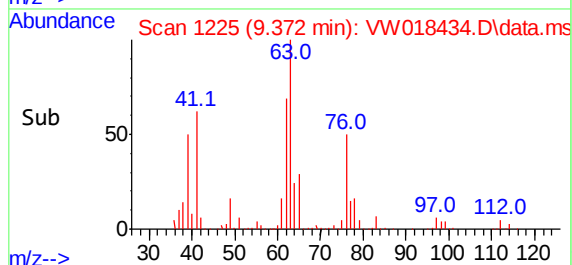
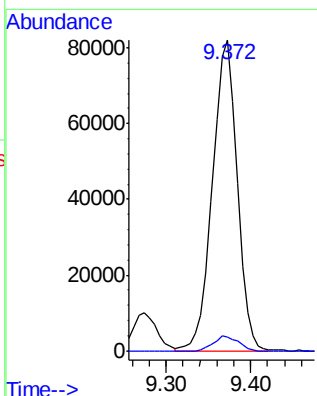
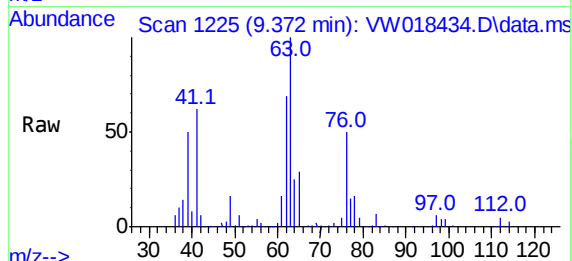




#40
1,2-Dichloropropane
Concen: 27.54 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

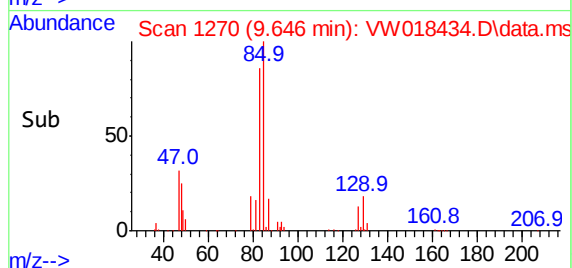
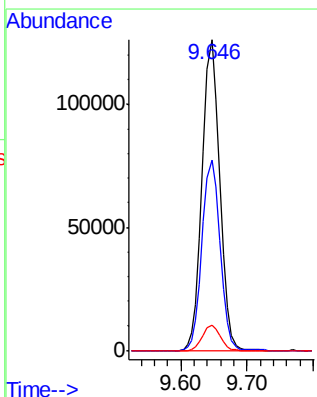
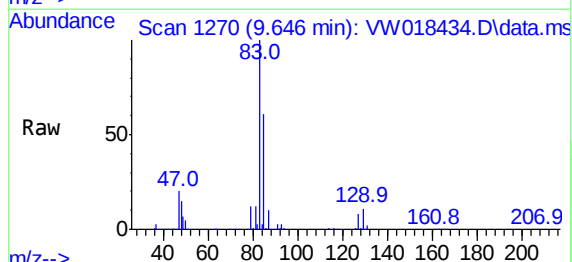
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

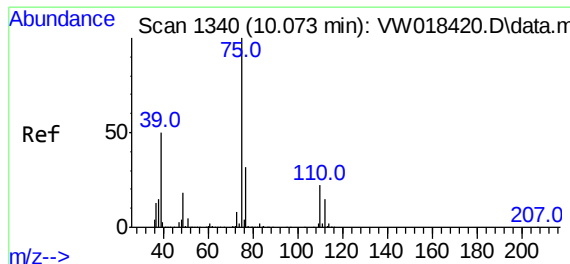
Tgt Ion: 63 Resp: 163425
Ion Ratio Lower Upper
63 100
112 4.7 4.2 6.4



#41
Bromodichloromethane
Concen: 27.66 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 83 Resp: 232044
Ion Ratio Lower Upper
83 100
85 61.1 43.8 81.4
127 8.2 6.9 10.3

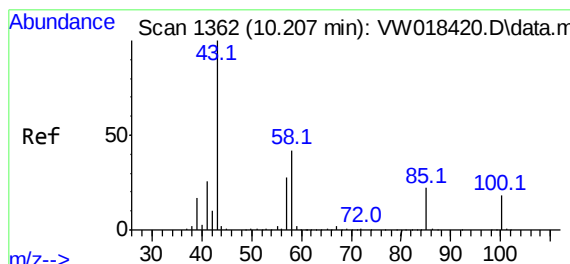
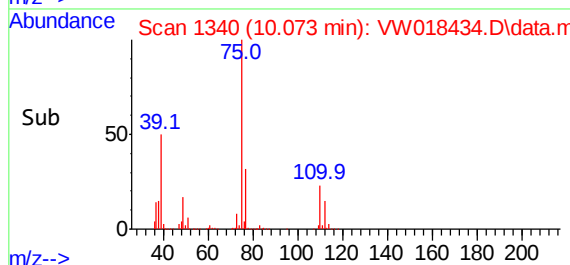
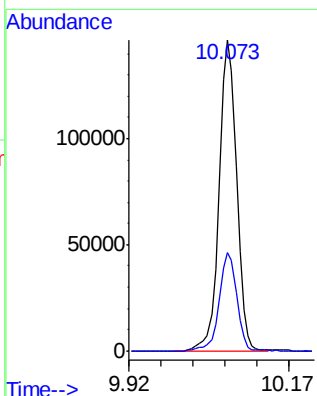
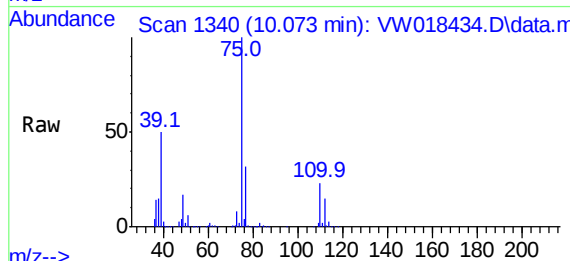




#42
cis-1,3-Dichloropropene
Concen: 26.63 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

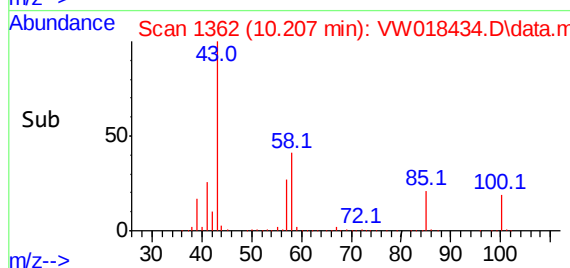
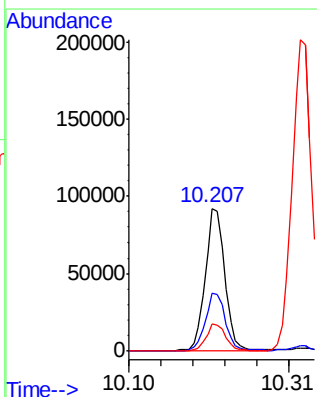
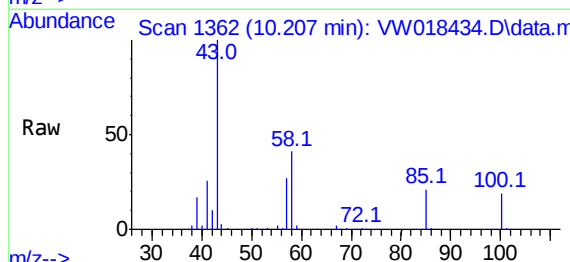
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

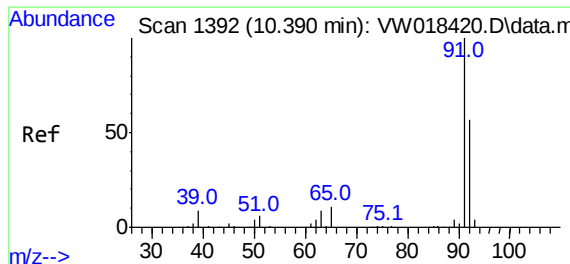
Tgt Ion: 75 Resp: 267236
Ion Ratio Lower Upper
75 100
77 31.6 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 45.29 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 43 Resp: 161633
Ion Ratio Lower Upper
43 100
58 41.3 34.8 52.2
100 18.2 15.9 23.9

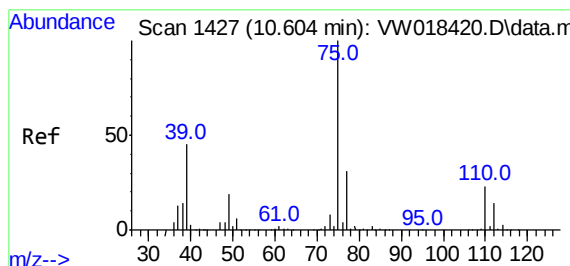
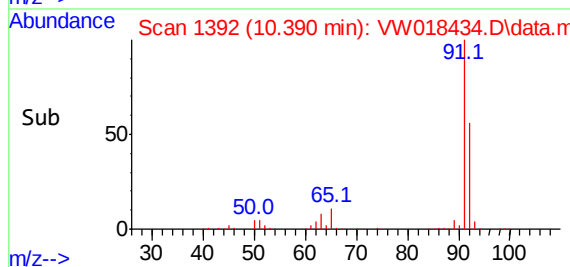
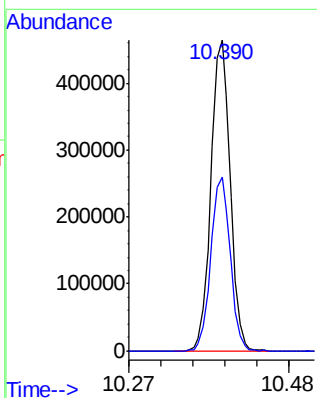
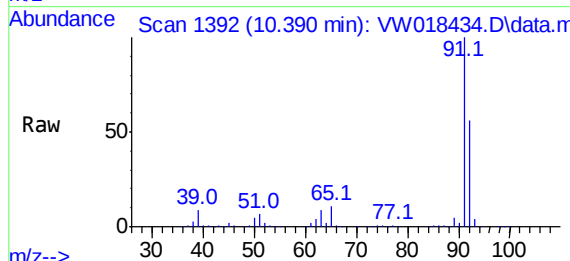




#44
Toluene
Concen: 29.42 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

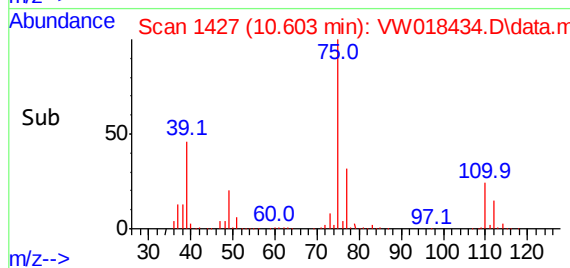
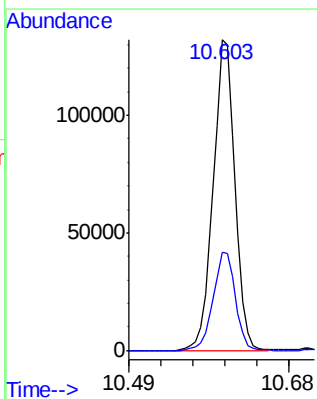
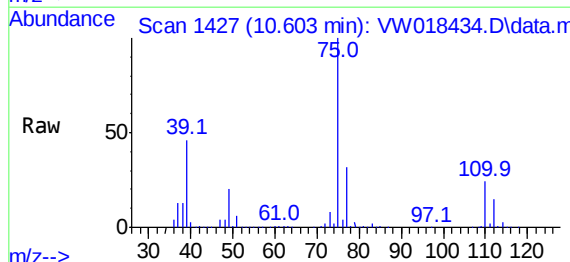
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

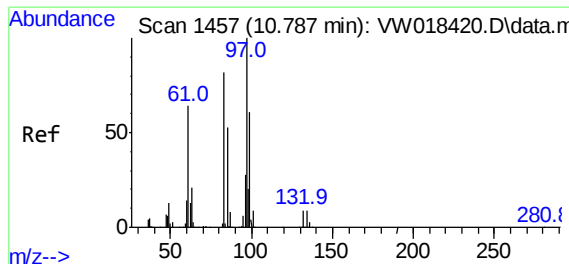
Tgt Ion: 91 Resp: 811341
Ion Ratio Lower Upper
91 100
92 56.0 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 25.48 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 75 Resp: 229613
Ion Ratio Lower Upper
75 100
77 31.6 22.6 42.0



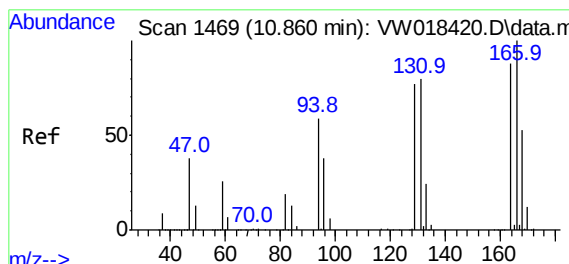
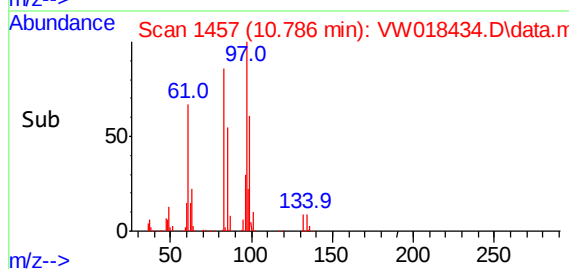
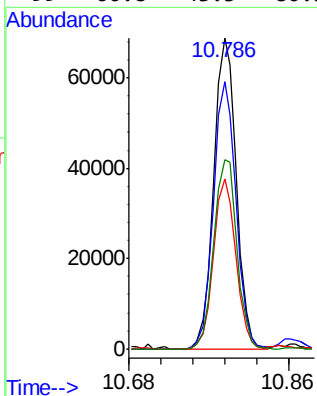
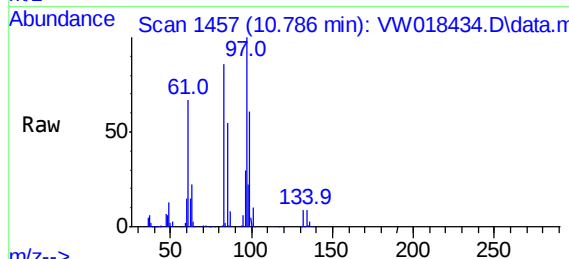


#46
1,1,2-Trichloroethane
Concen: 25.34 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion: 97 Resp: 119886

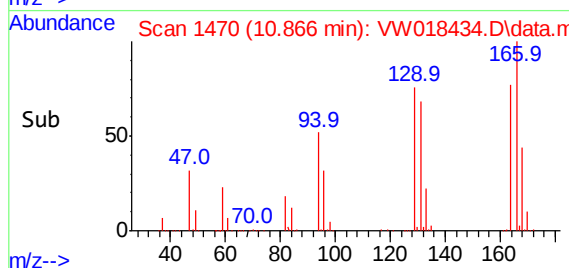
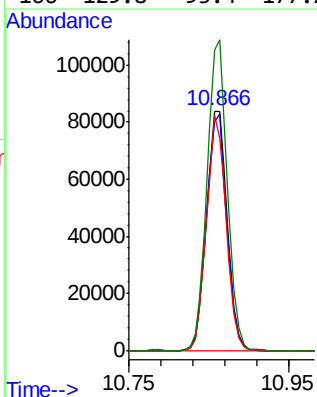
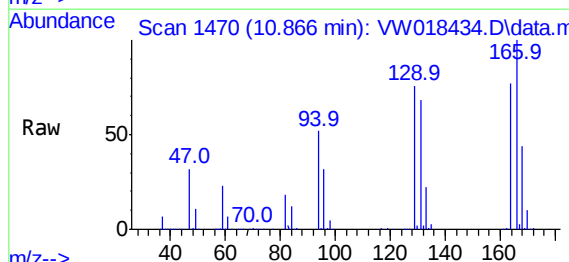
Ion	Ratio	Lower	Upper
97	100		
83	86.2	58.9	109.5
85	54.7	38.4	71.4
99	60.8	43.3	80.3

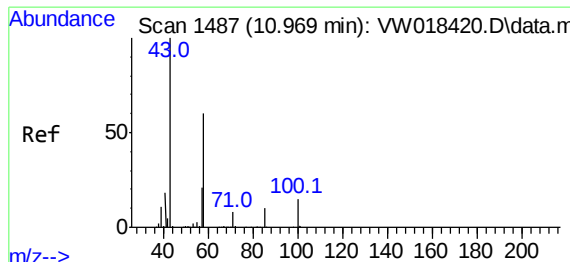


#47
Tetrachloroethene
Concen: 29.65 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 164 Resp: 150894

Ion	Ratio	Lower	Upper
164	100		
129	98.6	68.8	127.8
131	88.9	68.3	126.8
166	129.8	95.4	177.2



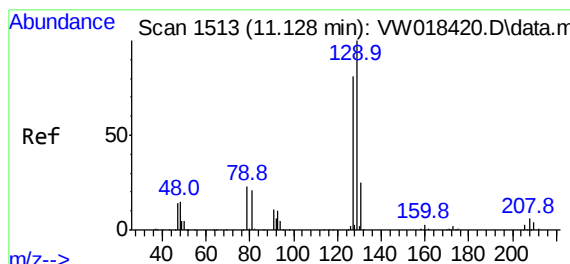
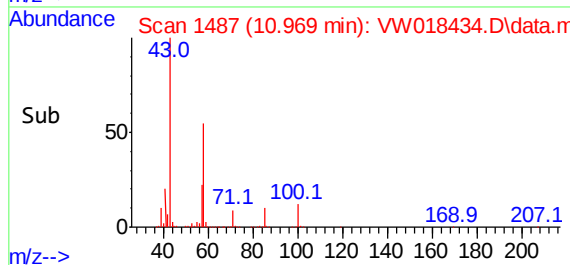
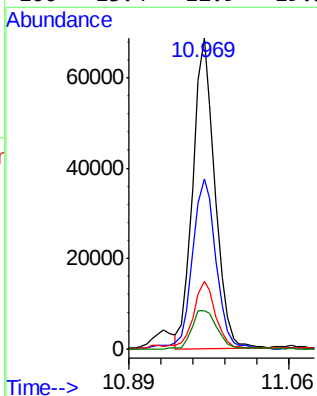
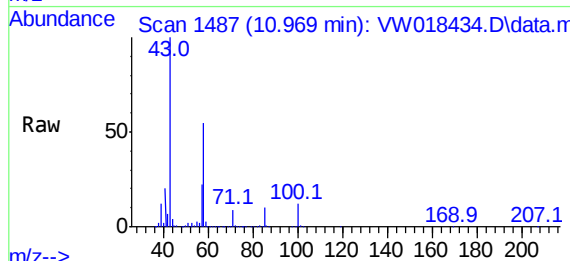


#49
2-Hexanone
Concen: 43.53 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion: 43 Resp: 109931

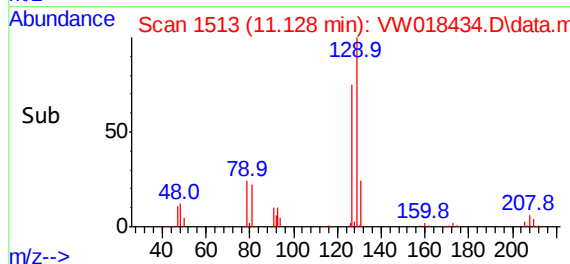
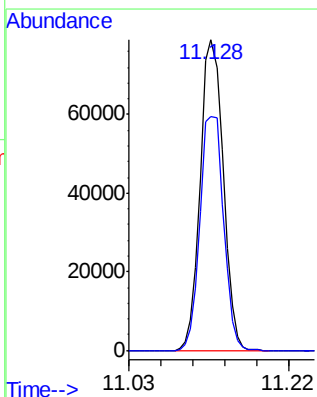
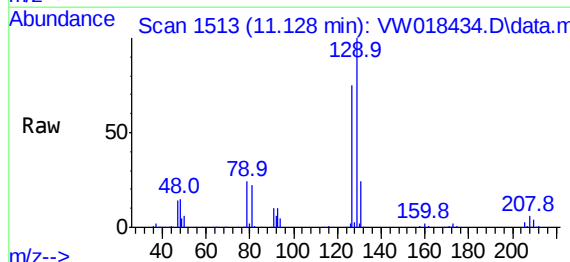
Ion	Ratio	Lower	Upper
43	100		
58	59.1	47.3	70.9
57	22.0	17.3	25.9
100	13.4	12.9	19.3

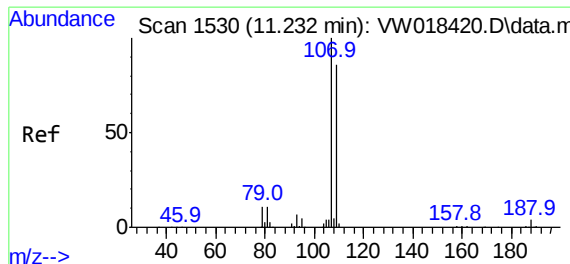


#50
Dibromochloromethane
Concen: 25.76 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 129 Resp: 143732

Ion	Ratio	Lower	Upper
129	100		
127	75.5	58.0	107.6

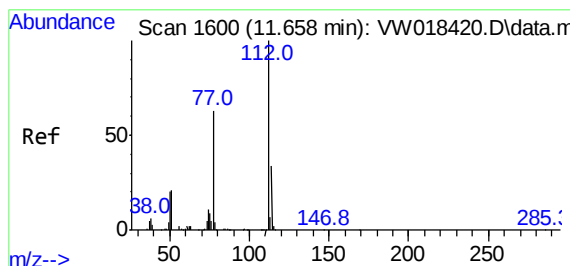
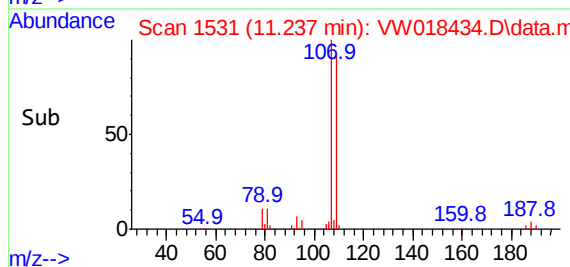
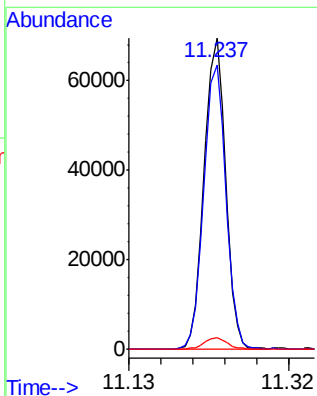
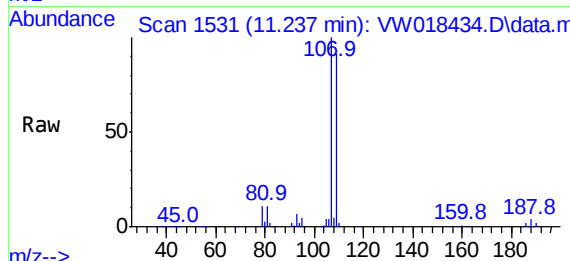




#51
1,2-Dibromoethane
Concen: 25.24 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

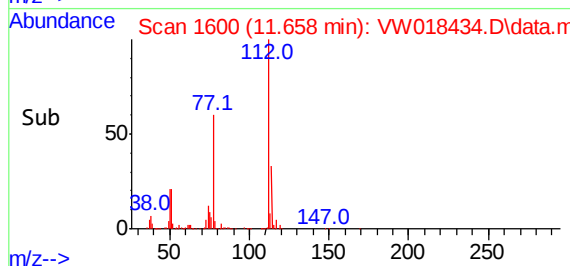
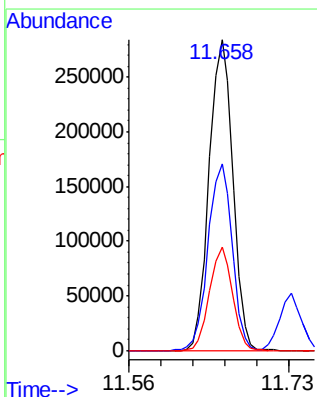
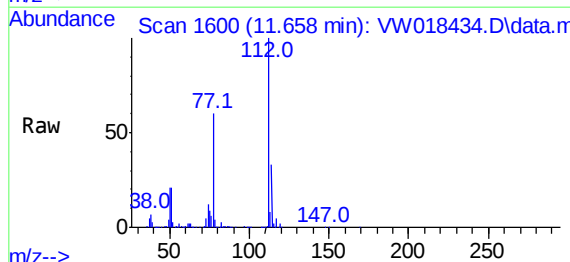
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

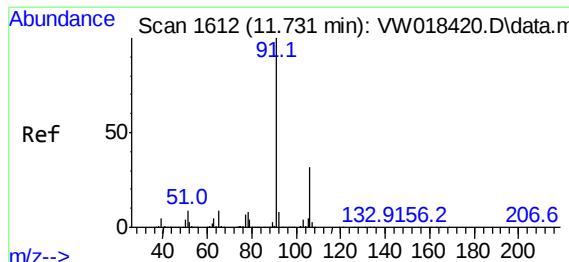
Tgt Ion:107 Resp: 118286
Ion Ratio Lower Upper
107 100
109 91.2 65.9 122.5
188 3.7 3.0 4.4



#52
Chlorobenzene
Concen: 27.73 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion:112 Resp: 485042
Ion Ratio Lower Upper
112 100
77 60.1 45.4 68.2
114 33.5 22.5 41.9

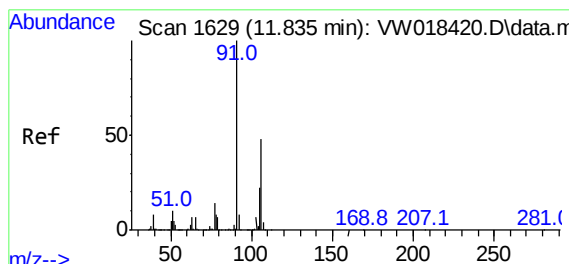
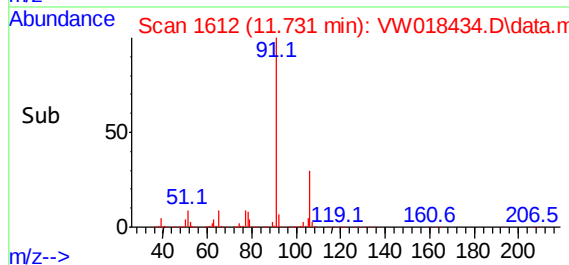
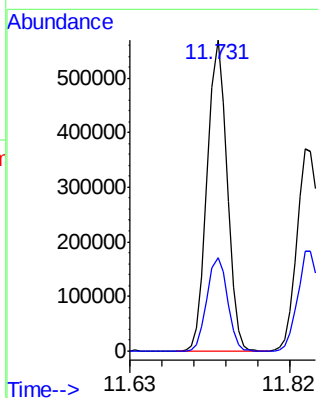
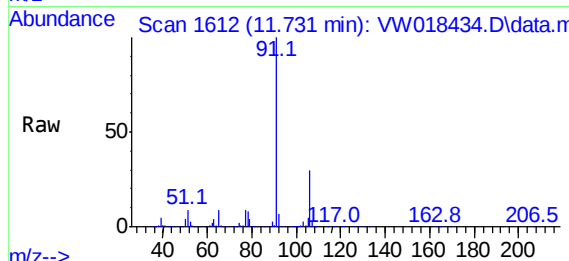




#53
Ethylbenzene
Concen: 28.85 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

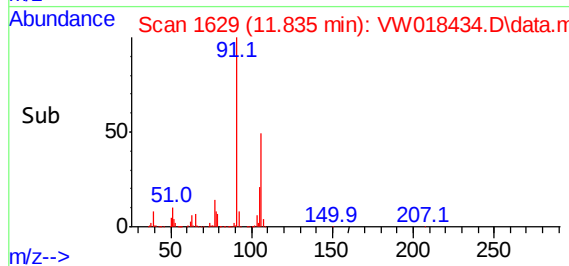
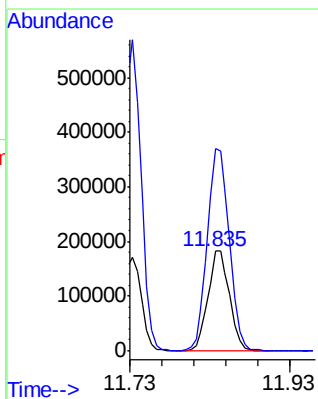
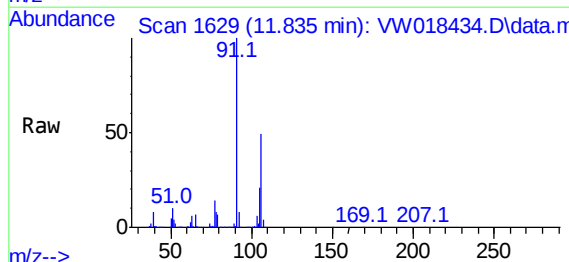
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

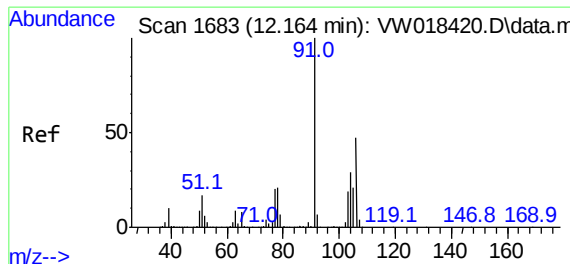
Tgt Ion: 91 Resp: 897165
Ion Ratio Lower Upper
91 100
106 30.0 21.7 40.3



#54
m,p-Xylene
Concen: 28.39 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 106 Resp: 337382
Ion Ratio Lower Upper
106 100
91 203.3 145.3 269.8

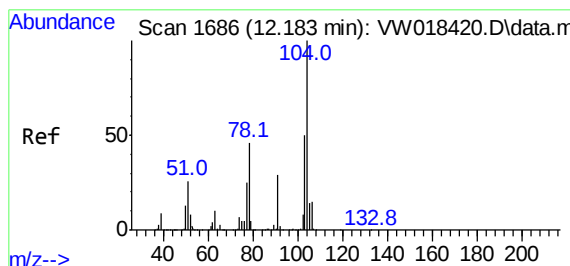
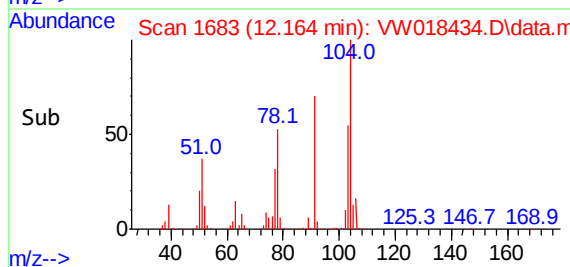
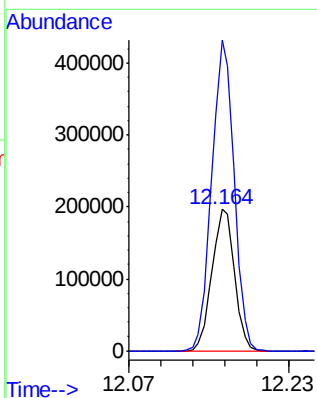
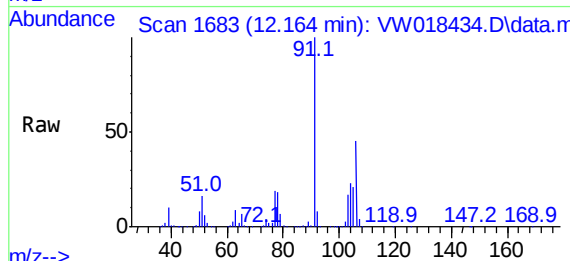




#55
o-xylene
Concen: 28.09 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

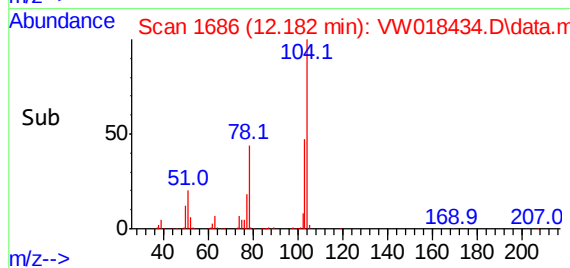
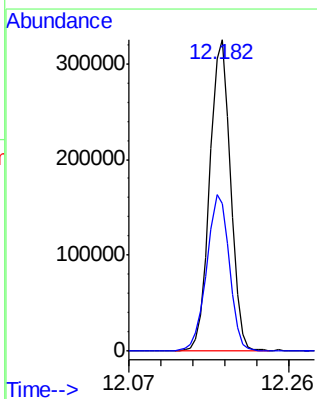
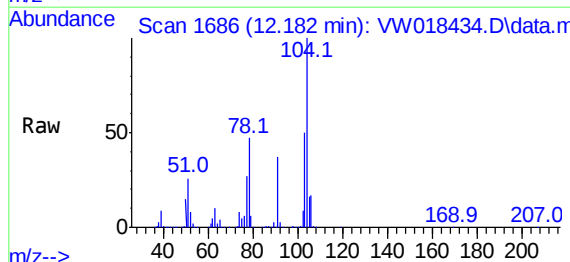
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

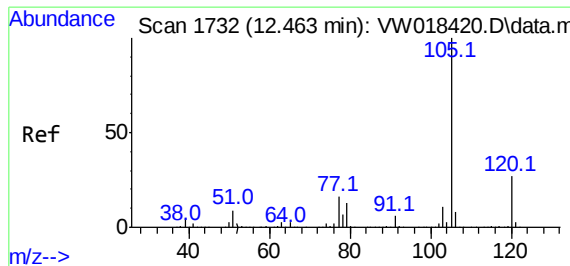
Tgt Ion:106 Resp: 318187
Ion Ratio Lower Upper
106 100
91 220.1 154.3 286.5



#56
Styrene
Concen: 27.65 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion:104 Resp: 534111
Ion Ratio Lower Upper
104 100
78 47.3 34.7 64.5

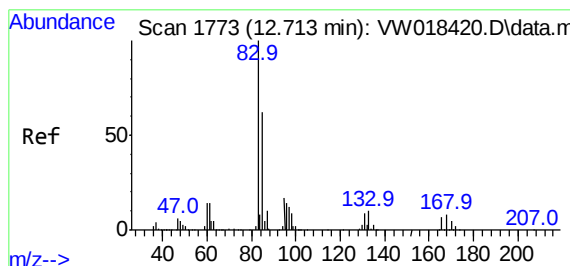
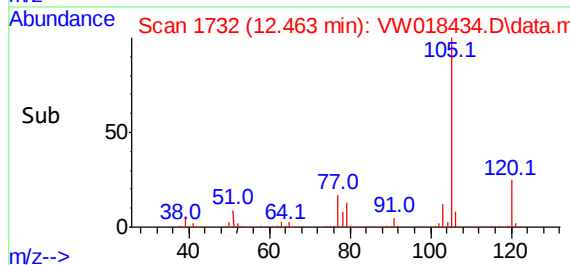
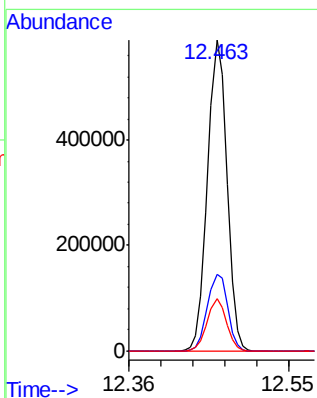
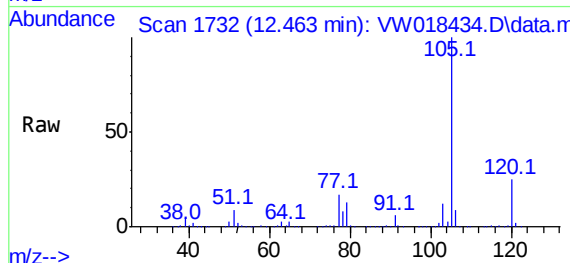




#57
Isopropylbenzene
Concen: 29.43 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

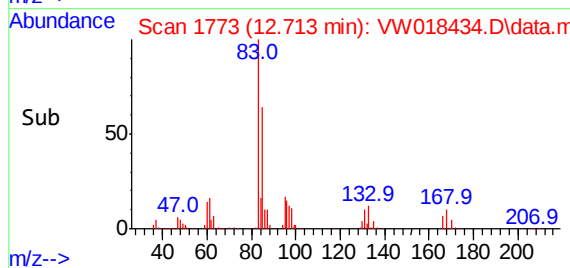
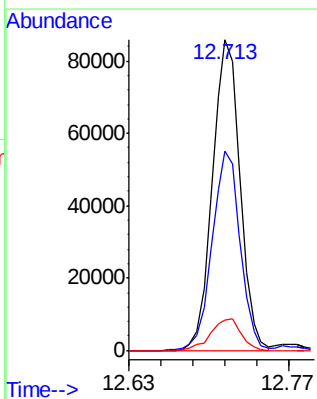
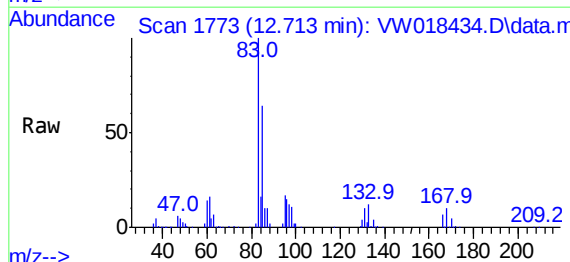
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

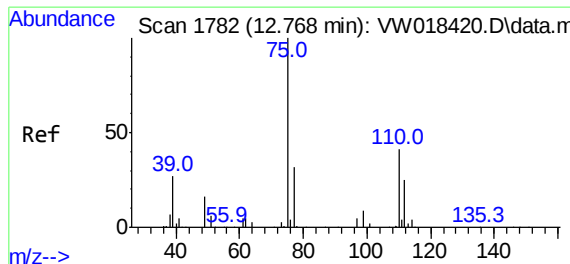
Tgt Ion:105 Resp: 906540
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 16.5 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 24.63 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 83 Resp: 141057
Ion Ratio Lower Upper
83 100
85 64.1 49.0 91.0
131 10.0 8.7 13.1

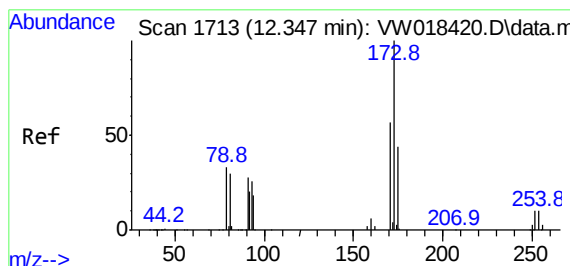
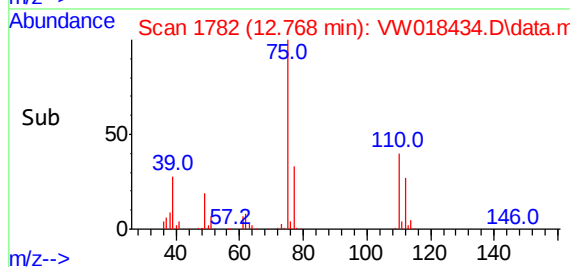
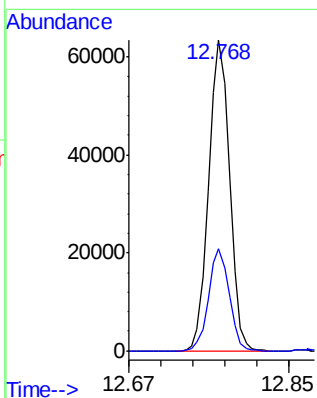
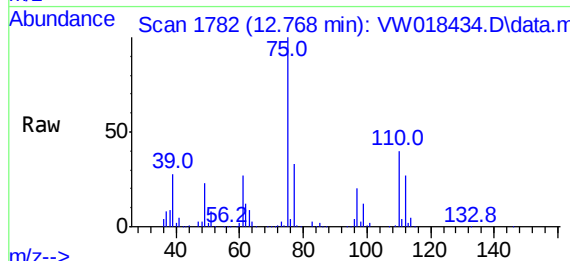




#59
1,2,3-Trichloropropane
Concen: 23.80 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

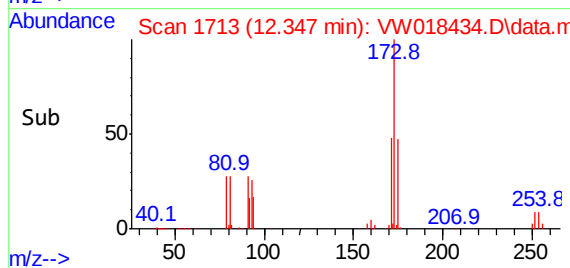
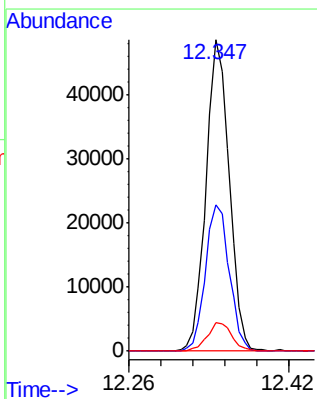
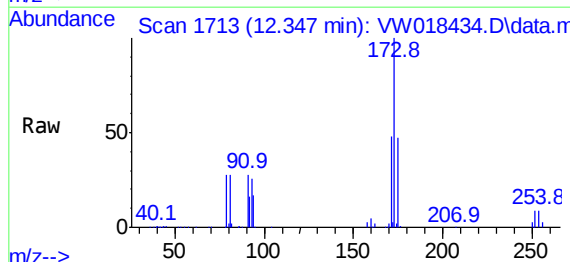
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

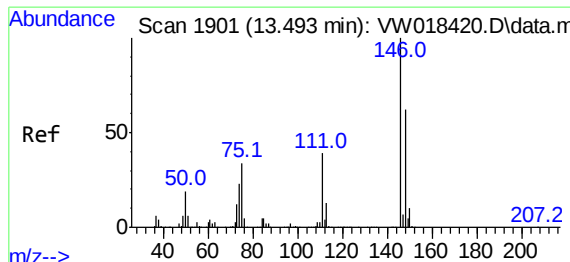
Tgt Ion: 75 Resp: 102891
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4



#62
Bromoform
Concen: 26.50 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 173 Resp: 80805
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.2
254 9.2 6.0 9.0#

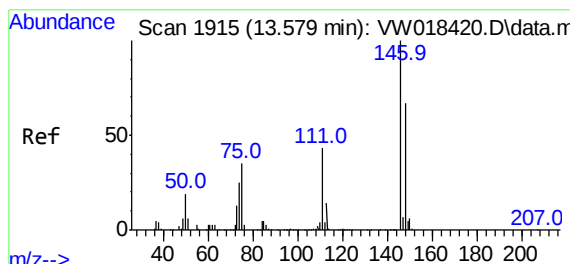
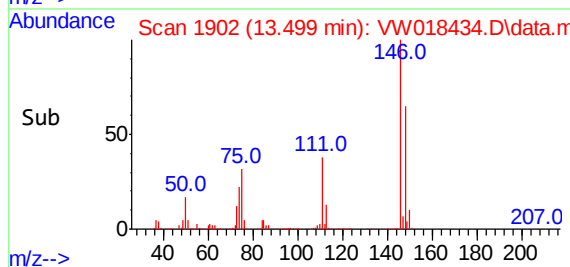
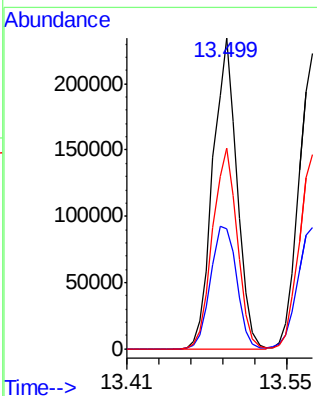
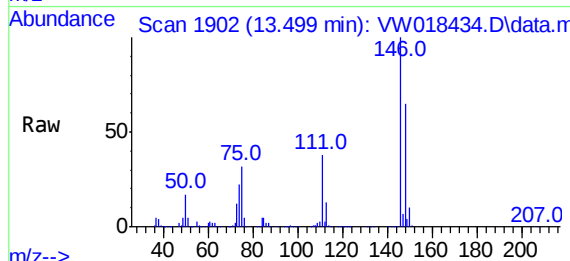




#63
1,3-Dichlorobenzene
Concen: 28.35 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

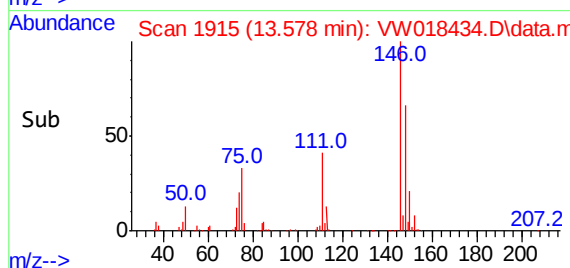
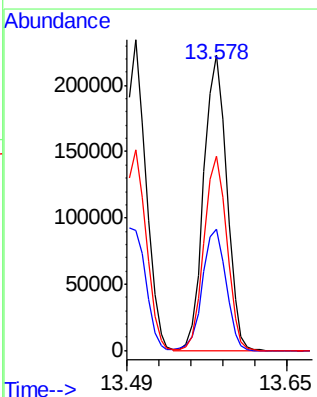
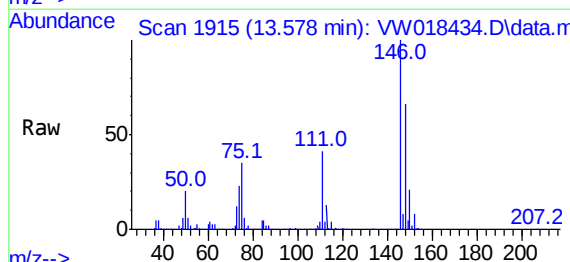
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

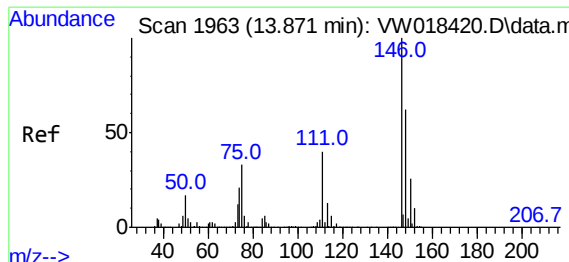
Tgt Ion:146 Resp: 360802
Ion Ratio Lower Upper
146 100
111 38.5 27.5 51.1
148 64.7 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 27.22 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion:146 Resp: 349564
Ion Ratio Lower Upper
146 100
111 41.0 28.3 52.5
148 65.9 47.3 87.9

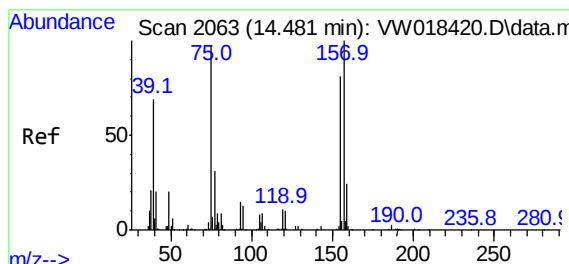
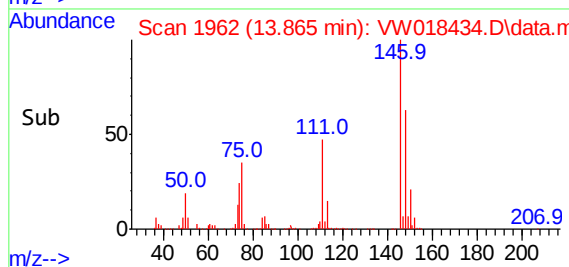
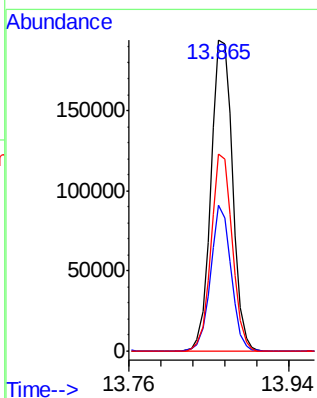
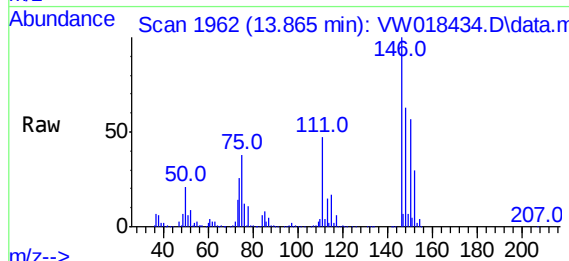




#65
1,2-Dichlorobenzene
Concen: 28.41 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

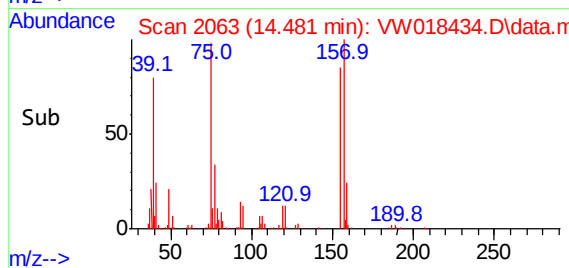
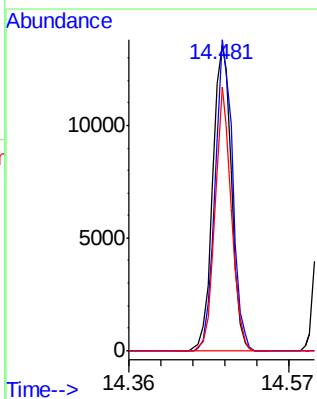
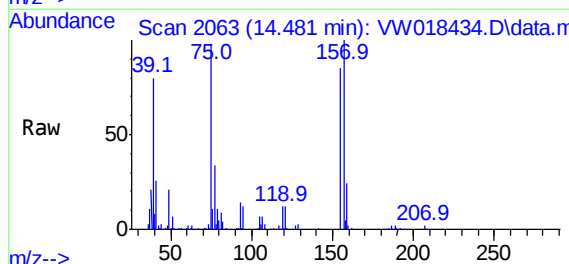
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

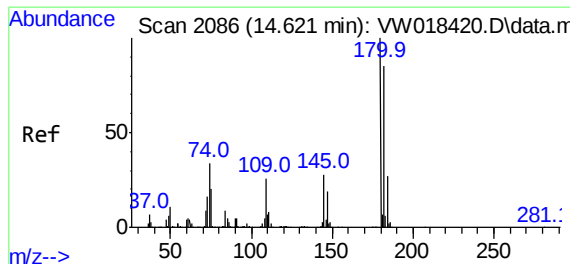
Tgt Ion:146 Resp: 323060
Ion Ratio Lower Upper
146 100
111 47.0 36.0 54.0
148 63.5 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 22.32 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion: 75 Resp: 22942
Ion Ratio Lower Upper
75 100
157 101.5 65.2 97.8#
155 86.1 60.1 90.1

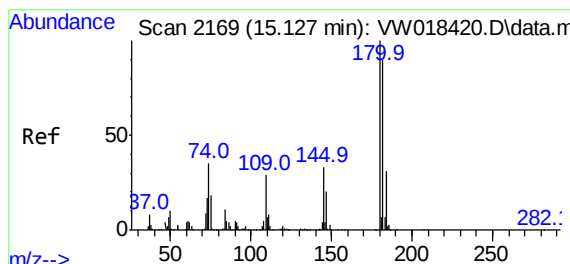
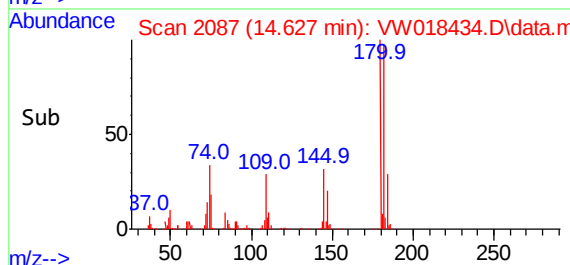
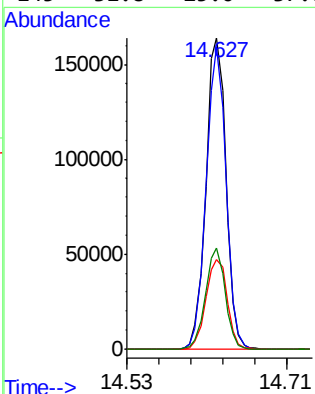
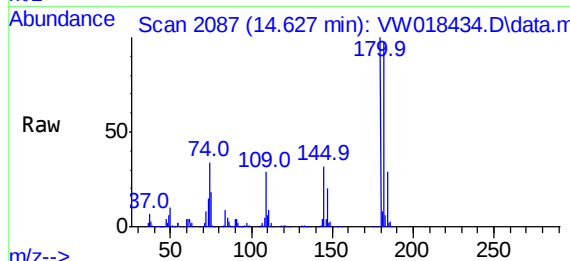




#67
1,3,5-Trichlorobenzene
Concen: 27.74 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

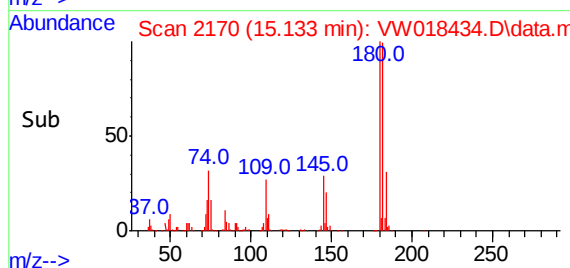
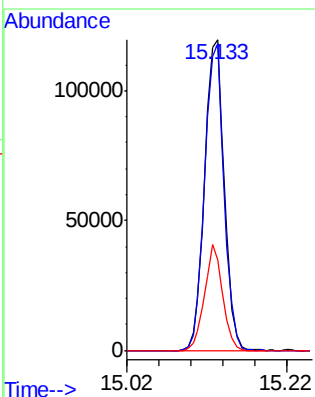
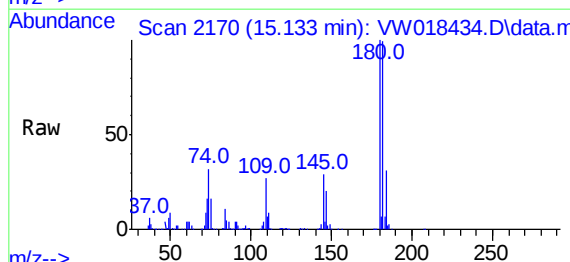
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

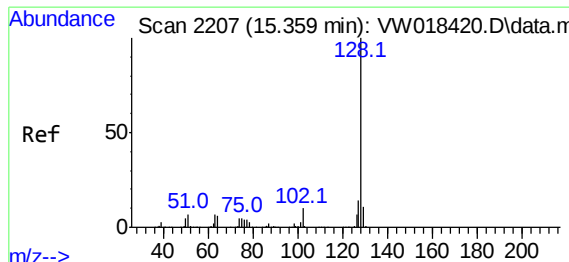
Tgt Ion:180 Resp: 254623
Ion Ratio Lower Upper
180 100
182 96.0 71.8 107.8
184 30.5 23.5 35.3
145 31.8 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 26.09 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion:180 Resp: 203691
Ion Ratio Lower Upper
180 100
182 97.5 70.2 105.4
145 31.1 24.9 37.3

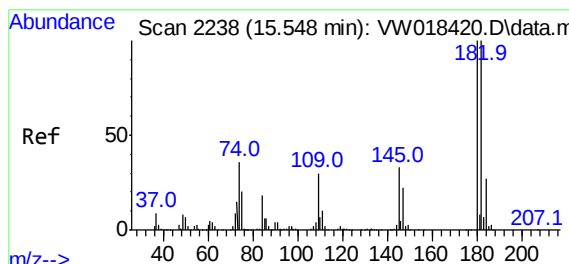
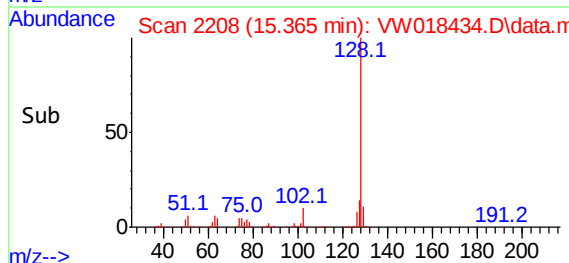
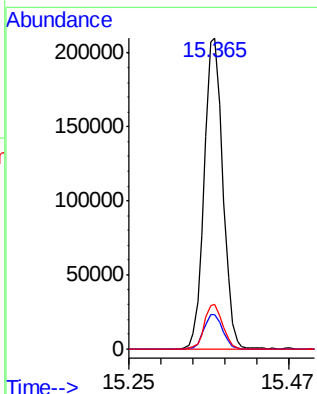
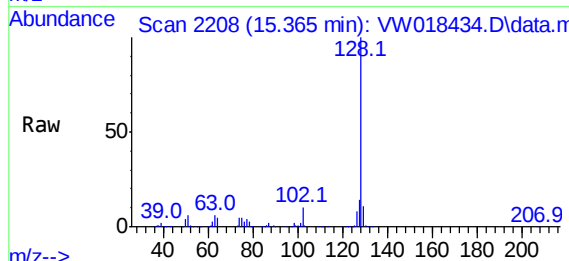




#69
Naphthalene
Concen: 22.96 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion:128 Resp: 373328
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.8 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.83 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018434.D
Acq: 23 Mar 2021 18:40

Tgt Ion:180 Resp: 175974
Ion Ratio Lower Upper
180 100
182 95.2 76.5 114.7
145 31.6 27.7 41.5

