

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\Not Reviewed Data\
 Data File : VW018224.D
 Acq On : 23 Feb 2021 12:24
 Operator : SY/VA
 Sample : VSTD05002
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050102

Quant Time: Feb 23 19:01:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 23 18:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	427019	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	390008	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	194981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.361	65	235475	49.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 199.60%#	
7) Chloroethane-d5	2.898	69	185054	50.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 200.20%#	
11) 1,1-Dichloroethene-d2	4.032	63	477954	49.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 199.60%#	
21) 2-Butanone-d5	7.074	46	98857	96.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 192.78%#	
24) Chloroform-d	7.647	84	498233	48.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 192.24%#	
26) 1,2-Dichloroethane-d4	8.305	65	240266	46.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 185.84%#	
32) Benzene-d6	8.275	84	992217	48.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 195.40%#	
36) 1,2-Dichloropropane-d6	9.275	67	270852	48.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 192.20%#	
41) Toluene-d8	10.323	98	946265	48.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 194.60%#	
43) trans-1,3-Dichloroprop...	10.579	79	124650	49.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 196.08%#	
47) 2-Hexanone-d5	10.921	63	87061	97.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 194.80%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	208659	45.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 181.36%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	340652	47.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 190.96%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.014	85	259982	51.17	ug/L	96
3) Chloromethane	2.221	50	197306	50.64	ug/L	100
5) Vinyl chloride	2.367	62	281382	50.25	ug/L	99
6) Bromomethane	2.788	94	196449	50.57	ug/L	100
8) Chloroethane	2.928	64	163150	52.07	ug/L	99
9) Trichlorofluoromethane	3.263	101	220663	55.09	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	280135	51.26	ug/L	89
12) 1,1-Dichloroethene	4.044	96	271234	51.29	ug/L	90
13) Acetone	4.117	43	65701	95.01	ug/L	88
14) Carbon disulfide	4.391	76	804097	49.77	ug/L	100
15) Methyl Acetate	4.666	43	87460	48.34	ug/L	94
16) Methylene chloride	4.922	84	259958	44.87	ug/L	86
17) trans-1,2-Dichloroethene	5.428	96	291108	51.60	ug/L	90
18) Methyl tert-butyl Ether	5.422	73	277422	49.33	ug/L #	94
19) 1,1-Dichloroethane	6.220	63	453992	51.39	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	302433	51.60	ug/L	90
22) 2-Butanone	7.165	43	109353	99.36	ug/L	94
23) Bromochloromethane	7.513	128	141231	50.51	ug/L #	79
25) Chloroform	7.677	83	490424	50.98	ug/L	100

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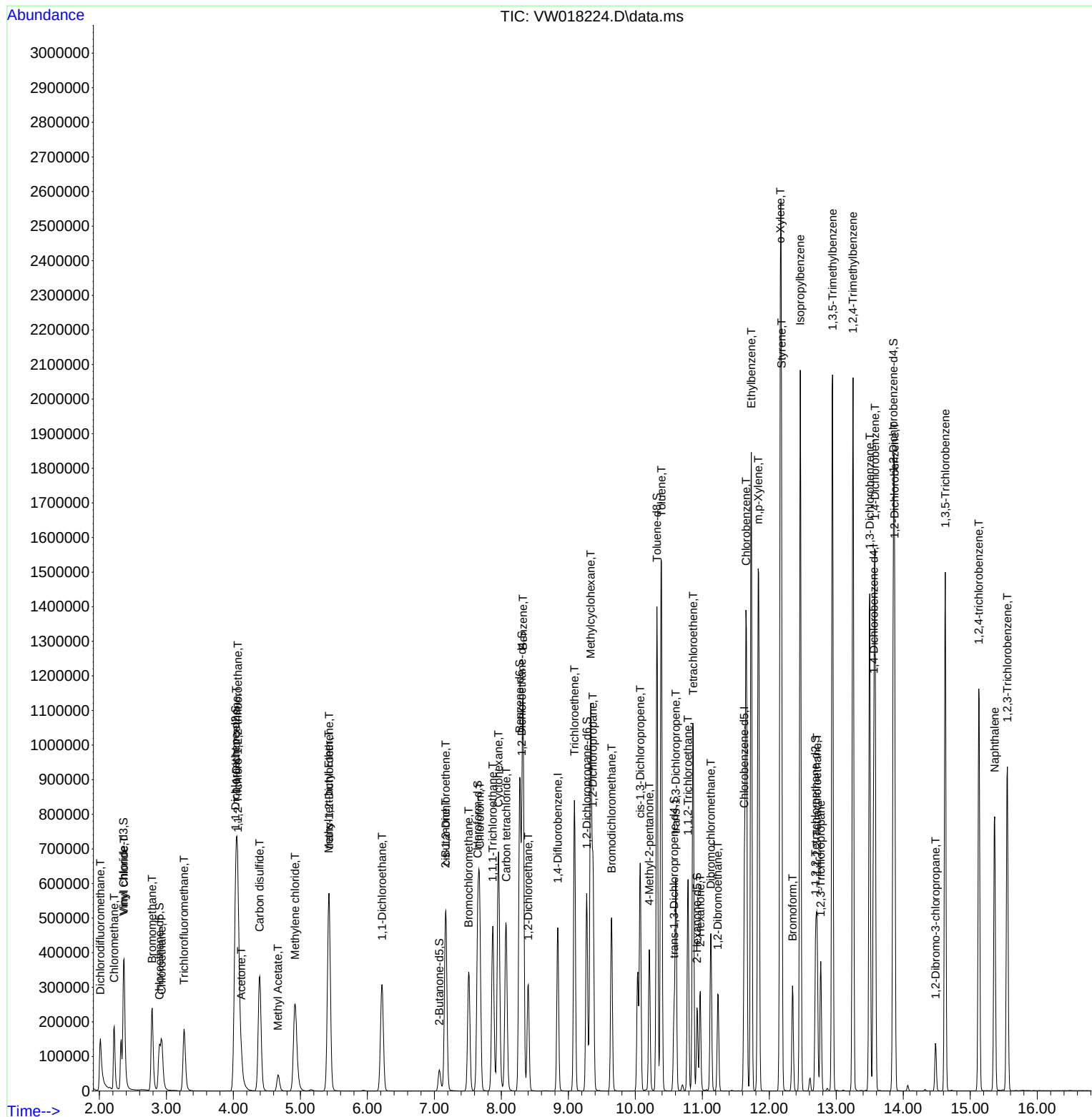
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	288193	49.52	ug/L #	93
29) Cyclohexane	7.958	56	414607	53.00	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	401555	51.24	ug/L	95
31) Carbon tetrachloride	8.074	117	394817	51.95	ug/L	98
33) Benzene	8.323	78	1061800	50.98	ug/L	100
34) Trichloroethene	9.092	95	299772	51.49	ug/L	92
35) Methylcyclohexane	9.335	83	502109	52.13	ug/L	96
37) 1,2-Dichloropropane	9.366	63	246094	51.14	ug/L	99
38) Bromodichloromethane	9.646	83	351112	52.09	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	412261	53.45	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	247046	101.09	ug/L #	90
42) Toluene	10.390	91	1193720	52.02	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	349759	52.86	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	197656	50.18	ug/L	98
46) Tetrachloroethene	10.866	164	264148	51.18	ug/L	94
48) 2-Hexanone	10.969	43	169766	101.77	ug/L #	90
49) Dibromochloromethane	11.128	129	249865	51.33	ug/L	93
50) 1,2-Dibromoethane	11.232	107	192270	49.82	ug/L #	96
51) Chlorobenzene	11.652	112	780787	50.90	ug/L	97
52) Ethylbenzene	11.731	91	1364556	52.71	ug/L	100
53) m,p-Xylene	11.835	106	515032	50.95	ug/L	99
54) o-Xylene	12.164	106	504095	52.76	ug/L	93
55) Styrene	12.183	104	846760	52.82	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	213574	48.45	ug/L	99
59) Bromoform	12.347	173	145386	52.41	ug/L	99
60) Isopropylbenzene	12.463	105	1375750	54.04	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	156544	49.03	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	1157074	54.24	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	1168618	54.97	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	640985	52.40	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	632065	51.57	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	567722	51.70	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	34819	50.18	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	498601	52.98	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	410248	52.70	ug/L	97
71) Naphthalene	15.365	128	730354	53.43	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	353430	51.84	ug/L	97

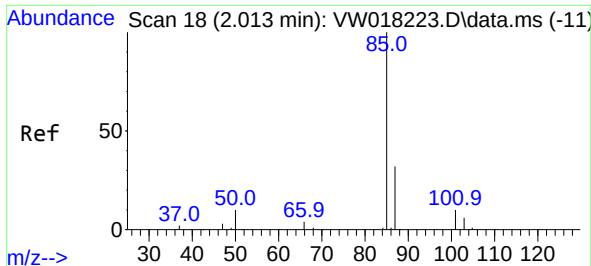
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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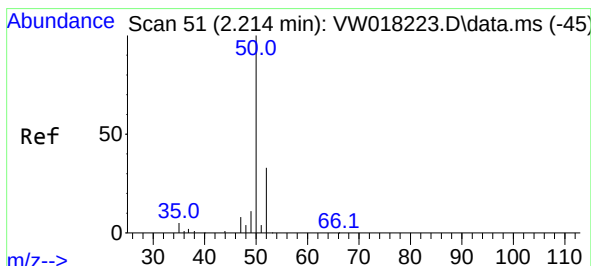
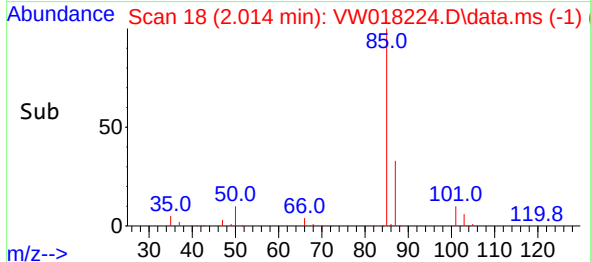
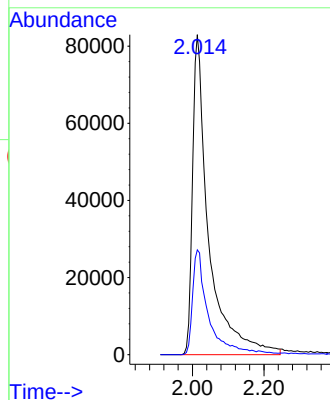
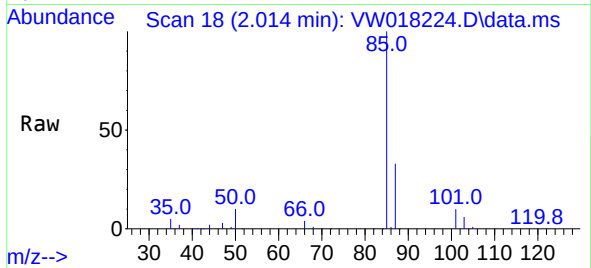




#2
Dichlorodifluoromethane
Concen: 51.17 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

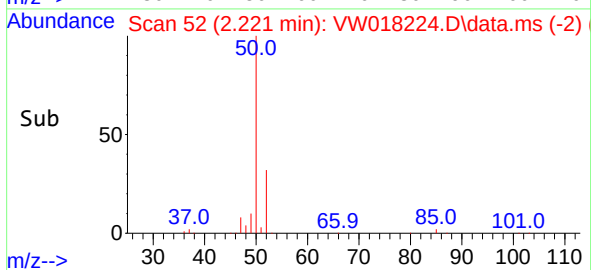
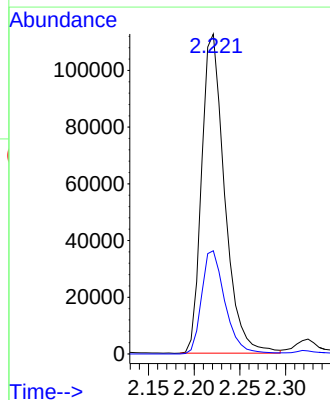
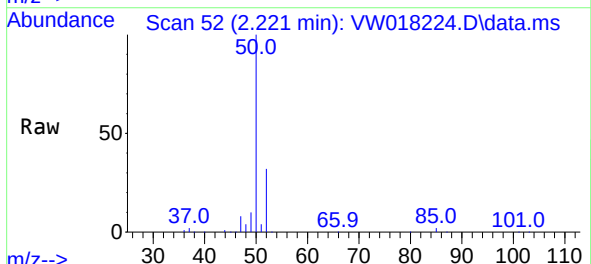
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MSVOA_W
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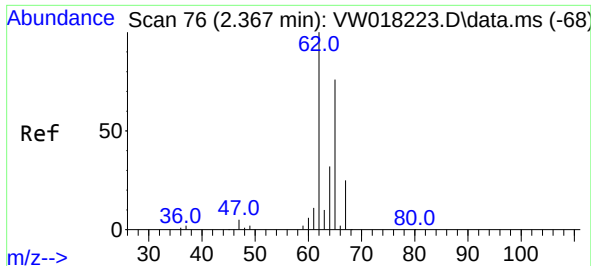
Tgt Ion: 85 Resp: 259982
Ion Ratio Lower Upper
85 100
87 31.0 23.3 34.9



#3
Chloromethane
Concen: 50.64 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 50 Resp: 197306
Ion Ratio Lower Upper
50 100
52 32.3 22.5 41.9

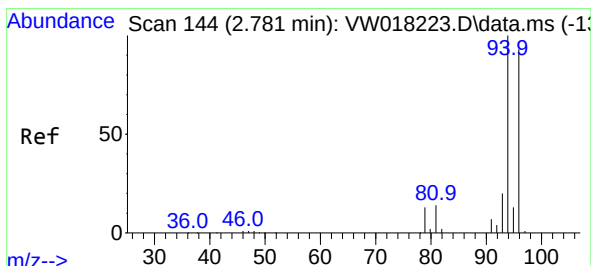
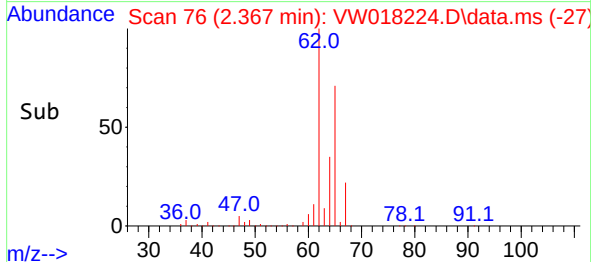
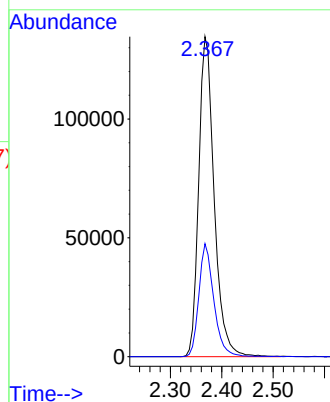
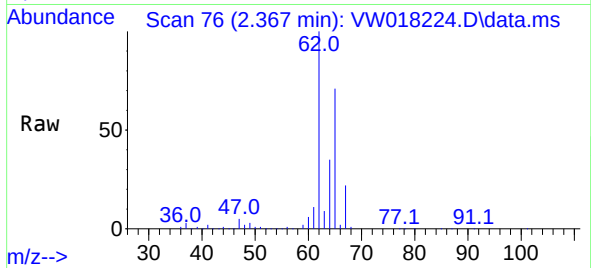




#5
 Vinyl chloride
 Concen: 50.25 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018224.D
 Acq: 23 Feb 2021 12:24

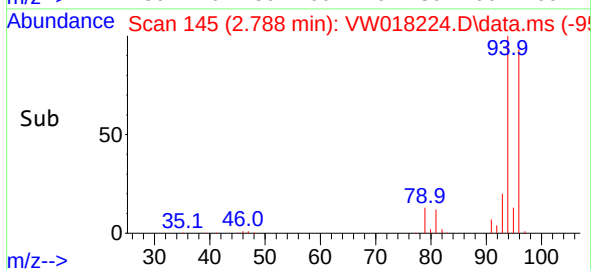
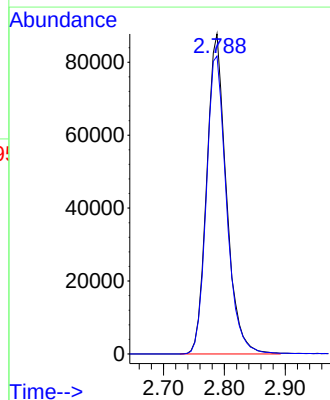
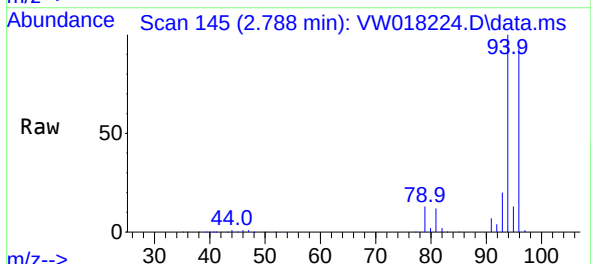
Instrument :
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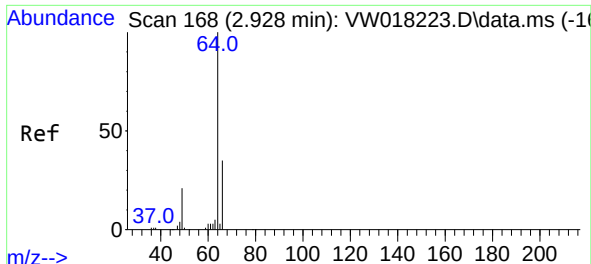
Tgt Ion: 62 Resp: 281382
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.2 45.0



#6
 Bromomethane
 Concen: 50.57 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018224.D
 Acq: 23 Feb 2021 12:24

Tgt Ion: 94 Resp: 196449
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.3 121.3

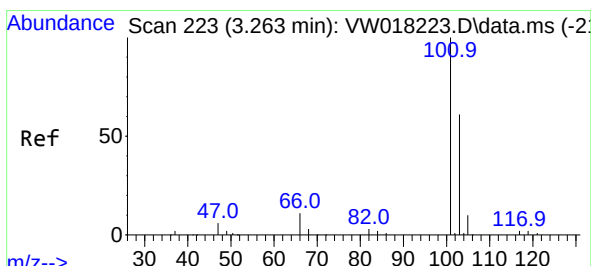
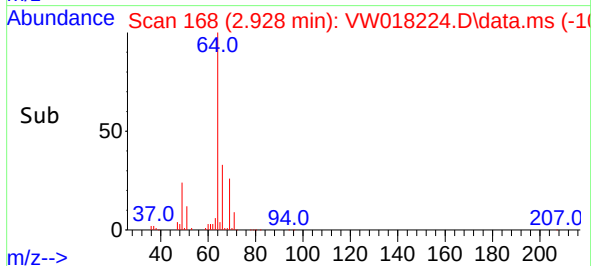
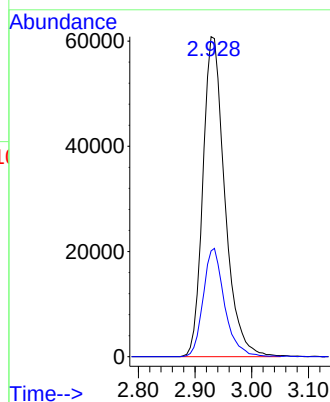
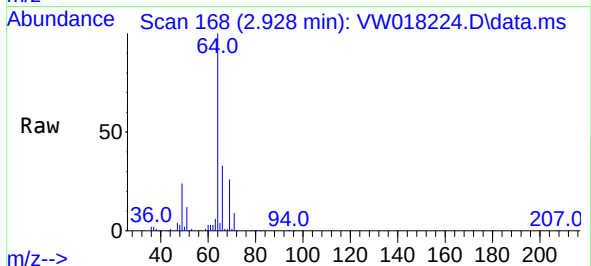




#8
Chloroethane
Concen: 52.07 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

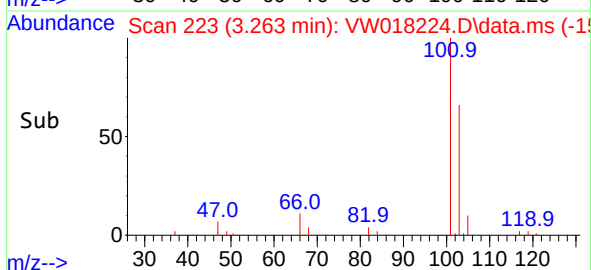
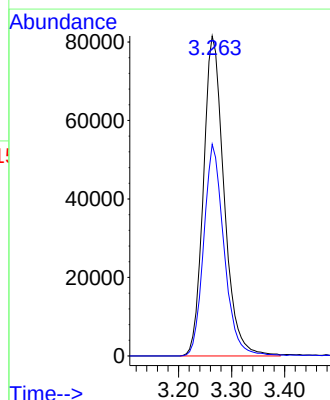
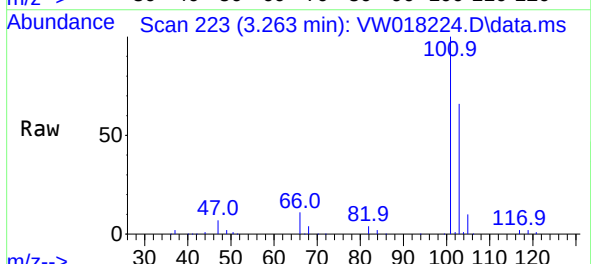
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ClientSampleId :
VSTD050102

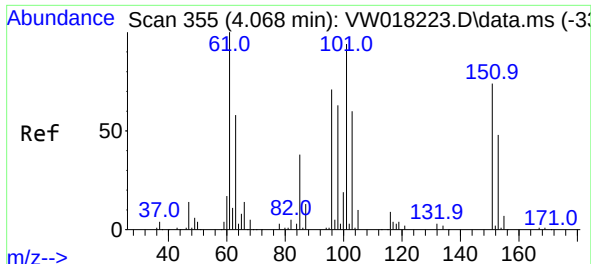
Tgt Ion: 64 Resp: 163150
Ion Ratio Lower Upper
64 100
66 33.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 55.09 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 101 Resp: 220663
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.4

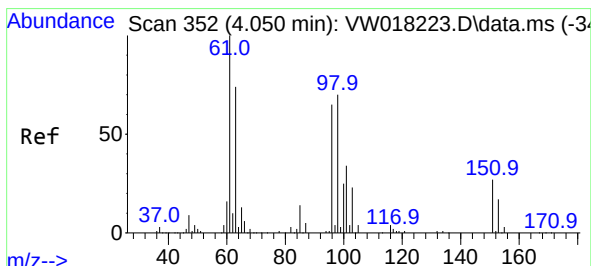
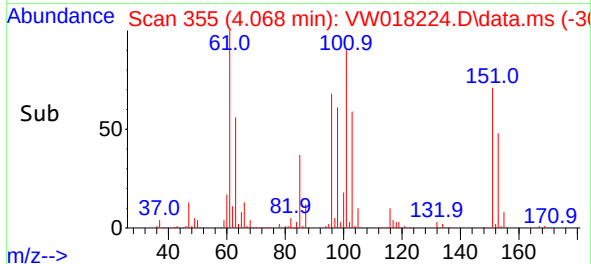
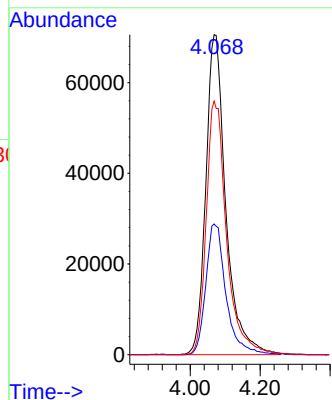
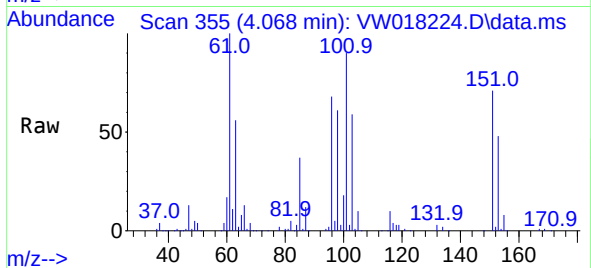




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.26 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

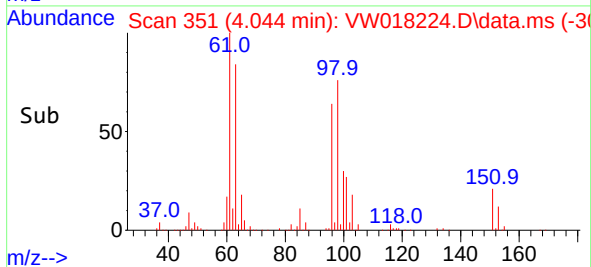
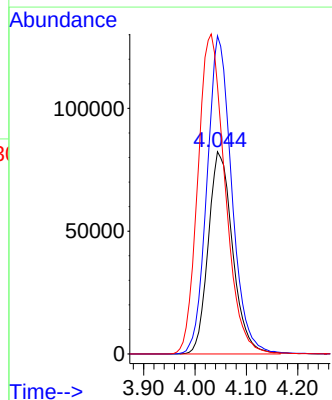
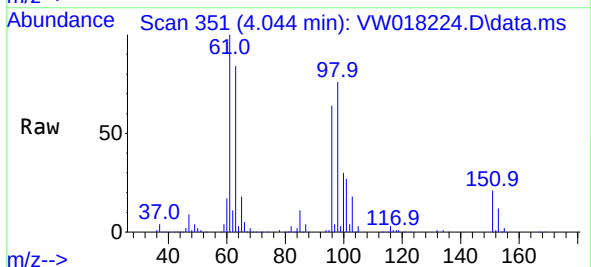
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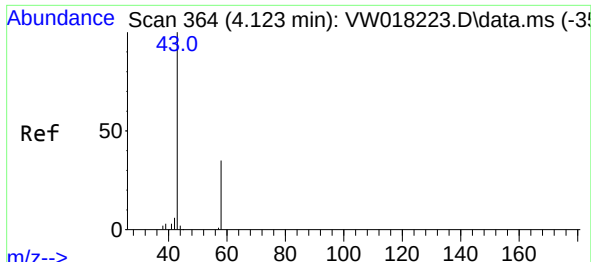
Tgt Ion:101 Resp: 280135
Ion Ratio Lower Upper
101 100
85 40.4 38.2 57.2
151 80.3 56.6 85.0



#12
1,1-Dichloroethene
Concen: 51.29 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 96 Resp: 271234
Ion Ratio Lower Upper
96 100
61 157.2 118.1 219.3
63 132.5 83.7 155.5

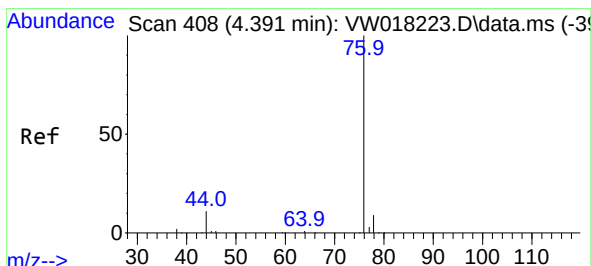
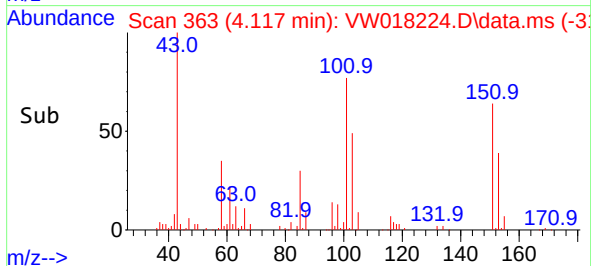
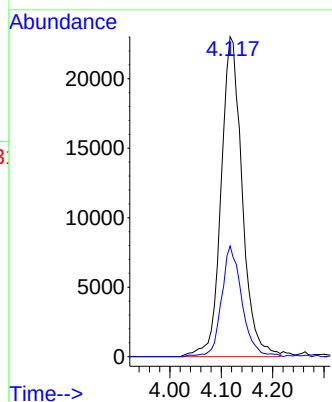
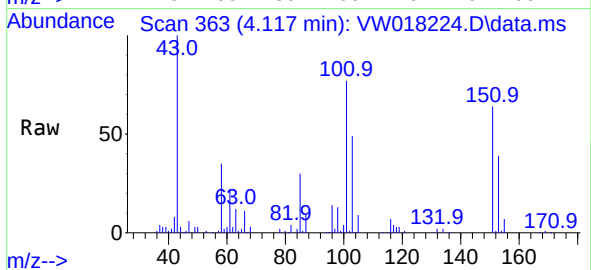




#13
Acetone
Concen: 95.01 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

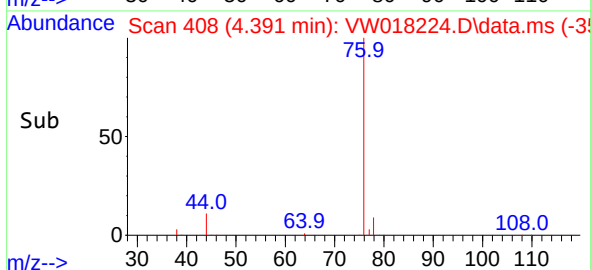
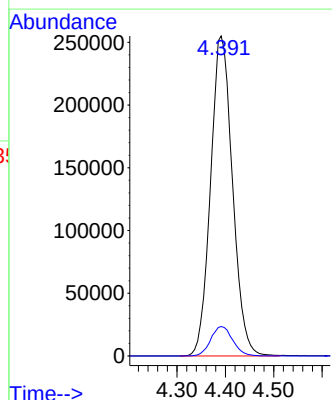
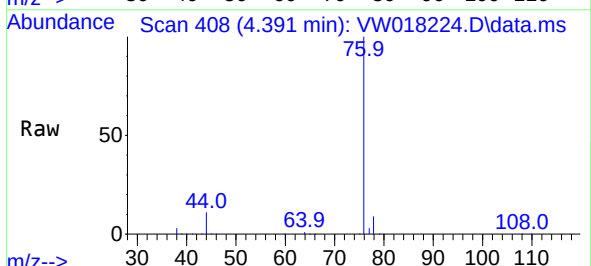
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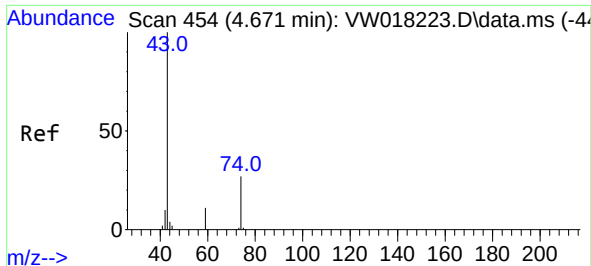
Tgt Ion: 43 Resp: 65701
Ion Ratio Lower Upper
43 100
58 33.2 0.0 53.8



#14
Carbon disulfide
Concen: 49.77 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 76 Resp: 804097
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

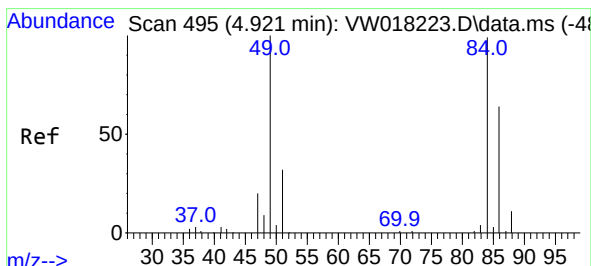
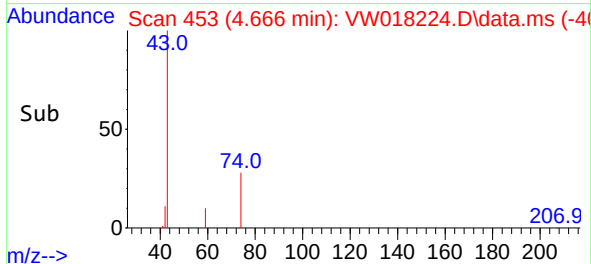
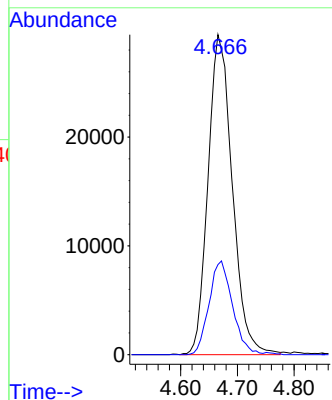
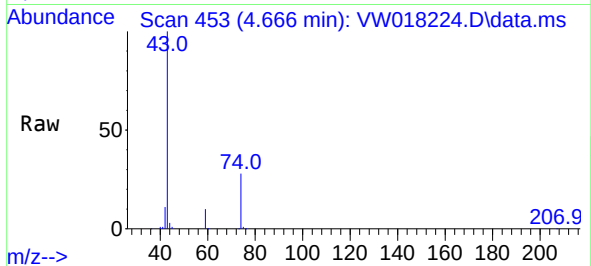




#15
Methyl Acetate
Concen: 48.34 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

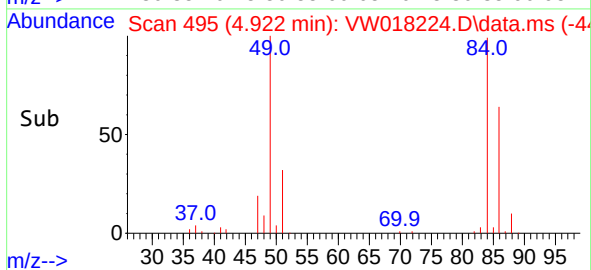
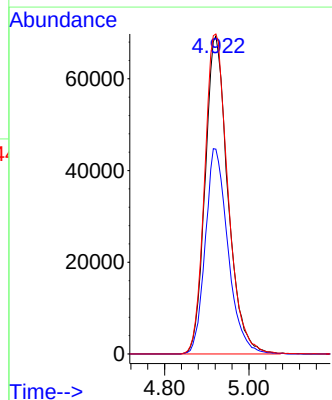
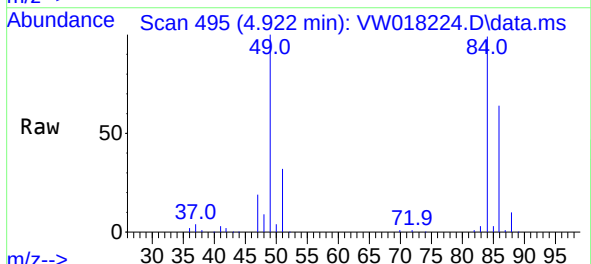
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

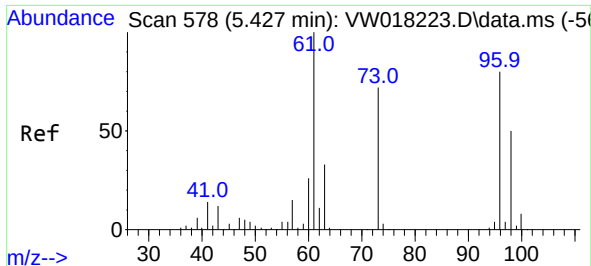
Tgt Ion: 43 Resp: 87460
Ion Ratio Lower Upper
43 100
74 28.2 20.0 30.0



#16
Methylene chloride
Concen: 44.87 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 84 Resp: 259958
Ion Ratio Lower Upper
84 100
86 64.4 45.3 84.1
49 100.6 86.6 160.8

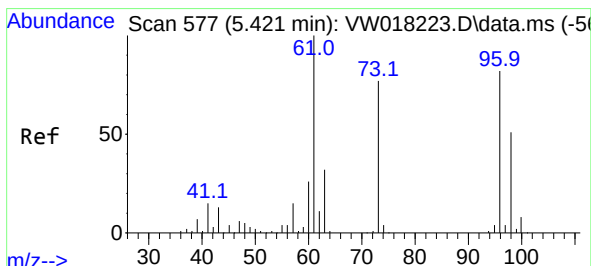
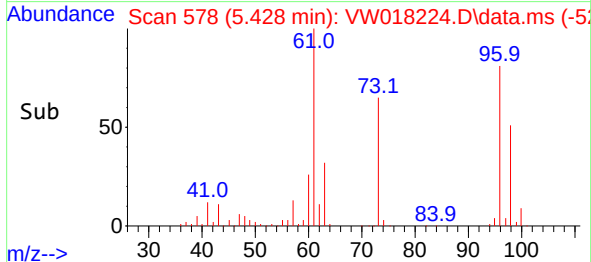
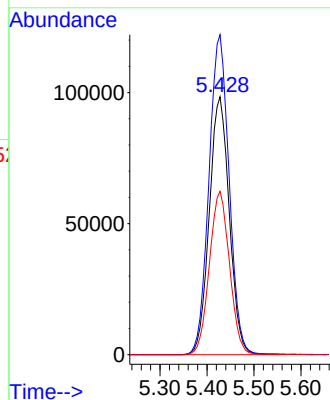
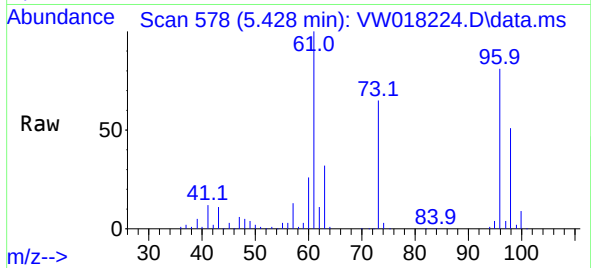




#17
trans-1,2-Dichloroethene
Concen: 51.60 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

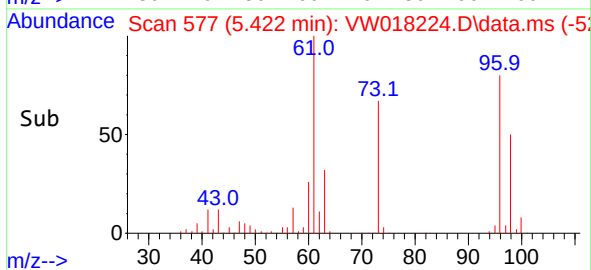
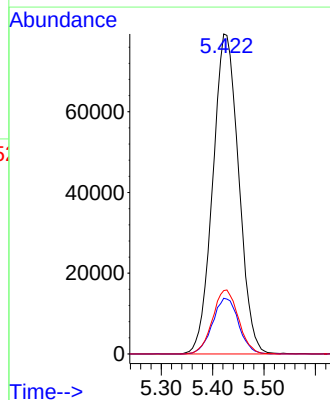
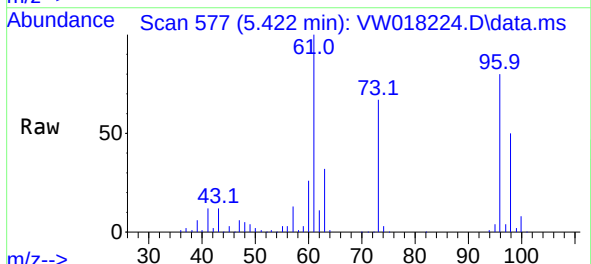
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

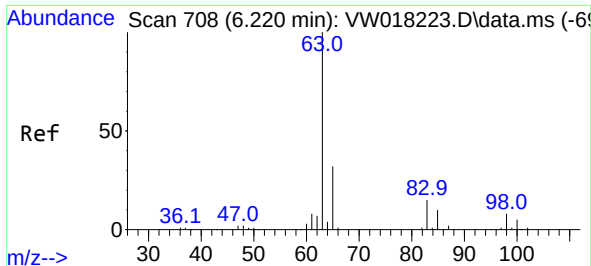
Tgt Ion: 96 Resp: 291108
Ion Ratio Lower Upper
96 100
61 124.0 98.3 182.7
98 63.3 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 49.33 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 73 Resp: 277422
Ion Ratio Lower Upper
73 100
43 17.6 17.7 26.5#
57 20.0 17.0 25.4





#19

1,1-Dichloroethane

Concen: 51.39 ug/L

RT: 6.220 min Scan# 708

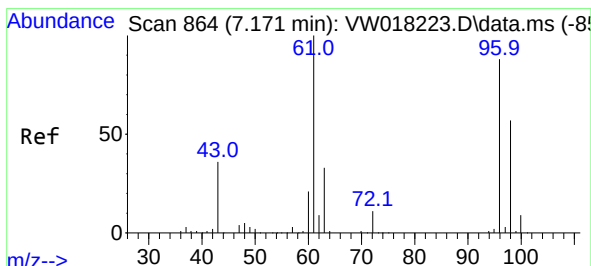
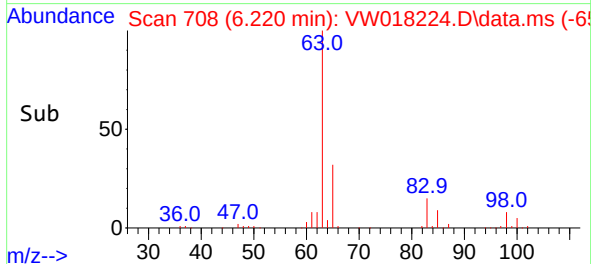
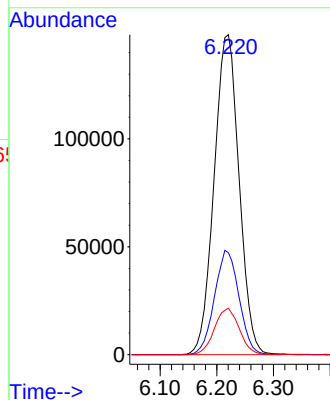
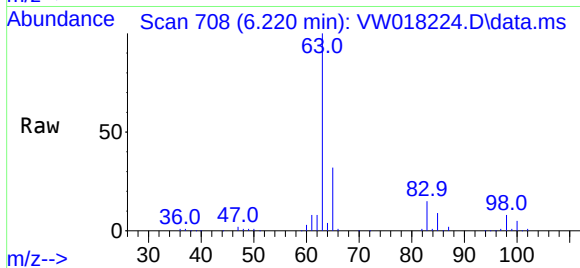
Delta R.T. 0.000 min

Lab File: VW018224.D

Acq: 23 Feb 2021 12:24

Tgt Ion: 63 Resp: 453992

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.9	42.5
83	14.5	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 51.60 ug/L

RT: 7.171 min Scan# 864

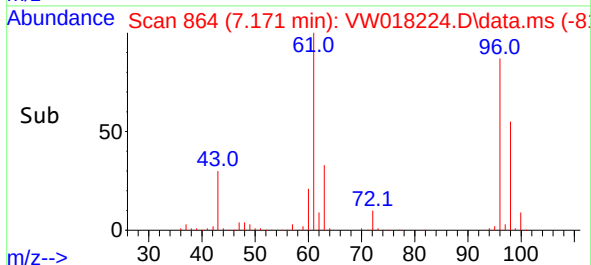
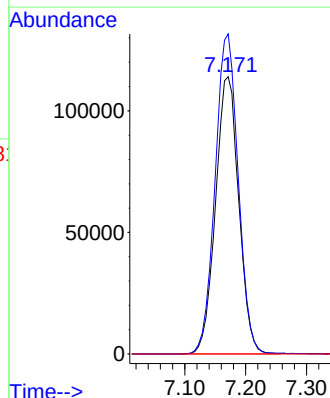
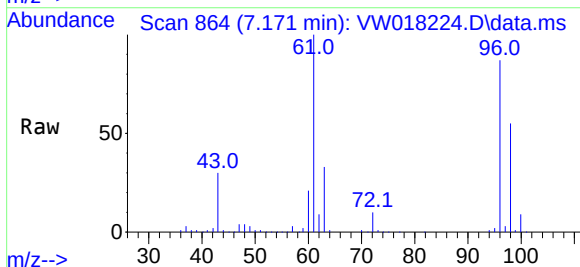
Delta R.T. 0.000 min

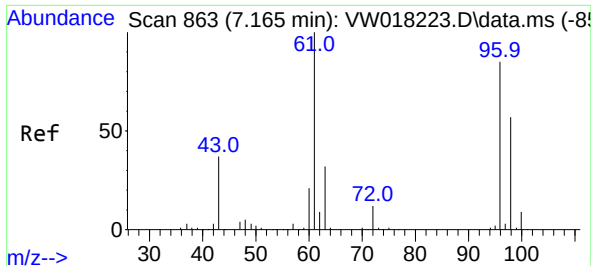
Lab File: VW018224.D

Acq: 23 Feb 2021 12:24

Tgt Ion: 96 Resp: 302433

Ion	Ratio	Lower	Upper
96	100		
61	115.4	88.5	164.3
68	0.0	0.0	0.0

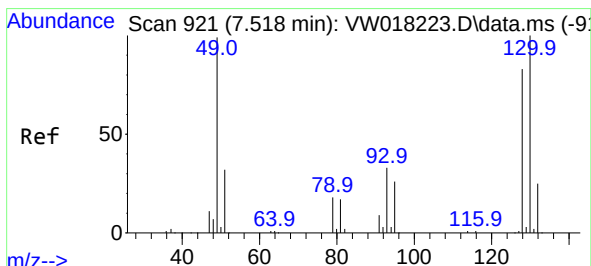
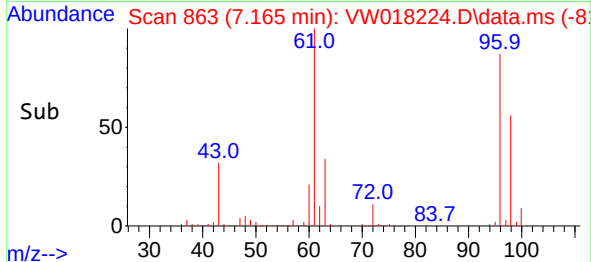
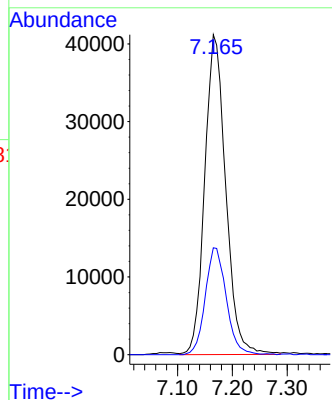
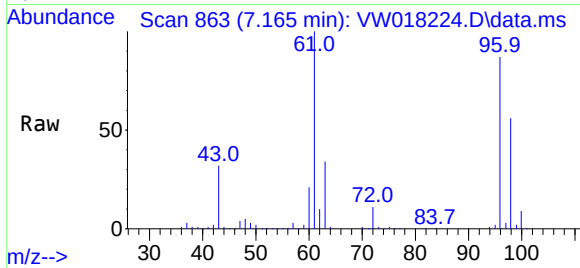




#22
2-Butanone
Concen: 99.36 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

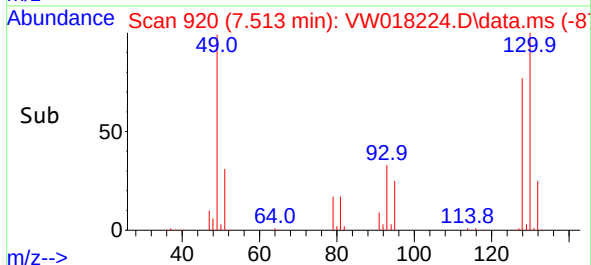
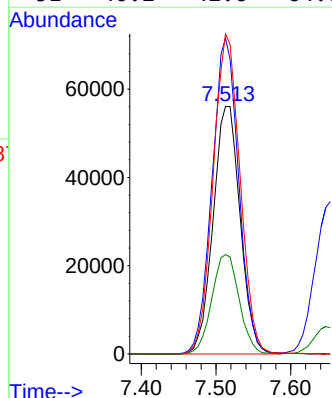
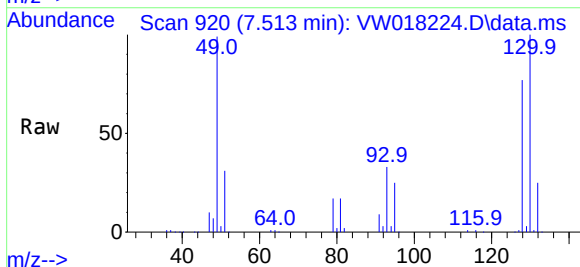
Instrument :
MSVOA_W
ClientSampled :
VSTD050102

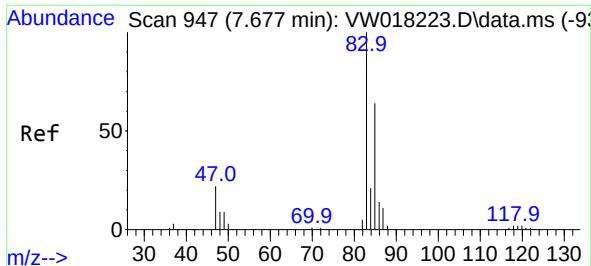
Tgt Ion: 43 Resp: 109353
Ion Ratio Lower Upper
43 100
72 33.3 14.9 44.7



#23
Bromochloromethane
Concen: 50.51 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 128 Resp: 141231
Ion Ratio Lower Upper
128 100
49 127.6 116.3 215.9
130 129.2 82.4 153.0
51 40.2 42.6 64.0#

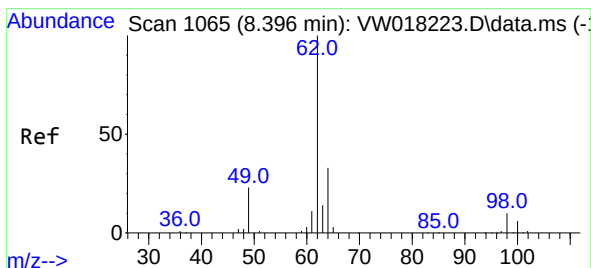
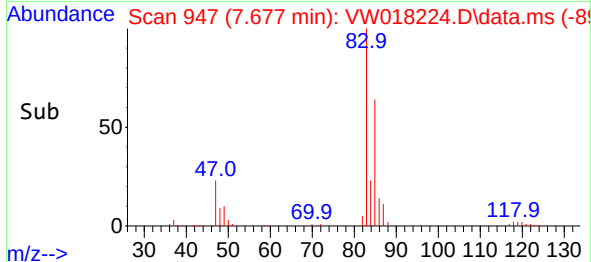
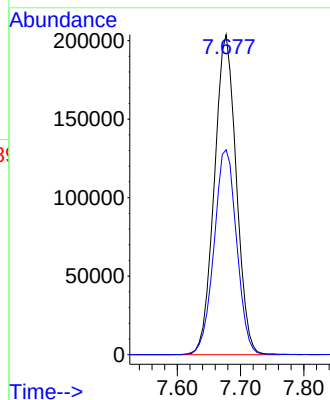
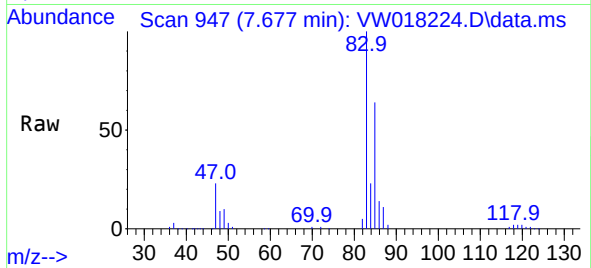




#25
Chloroform
Concen: 50.98 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

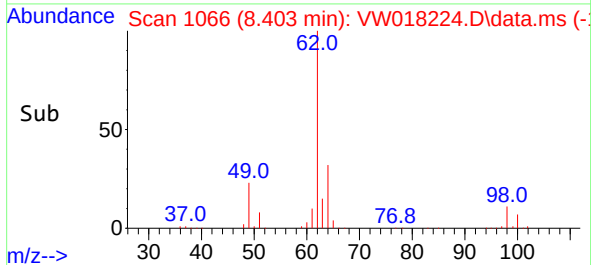
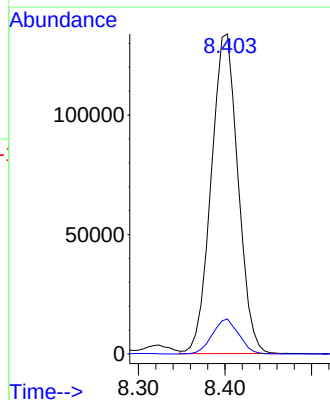
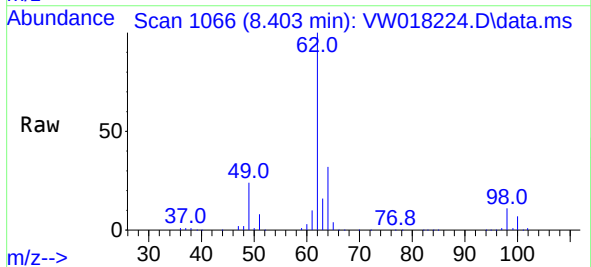
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

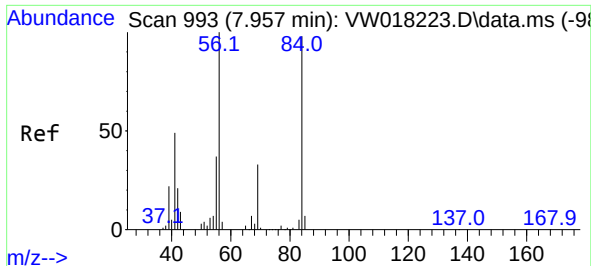
Tgt Ion: 83 Resp: 490424
Ion Ratio Lower Upper
83 100
85 64.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 49.52 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 62 Resp: 288193
Ion Ratio Lower Upper
62 100
98 11.0 6.9 10.3#



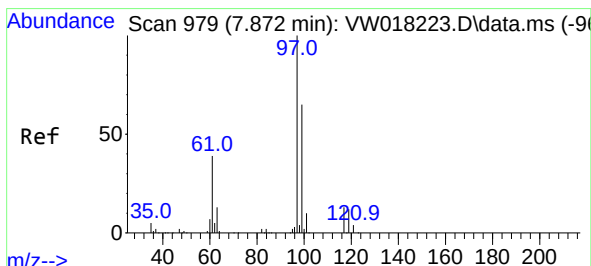
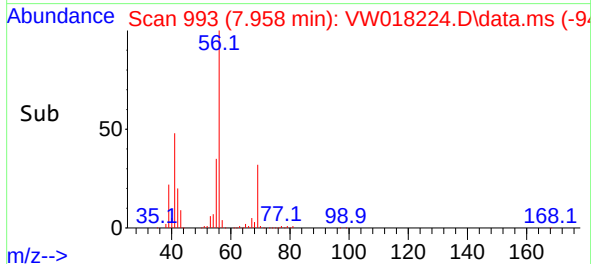
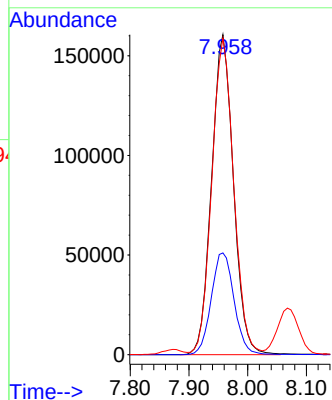
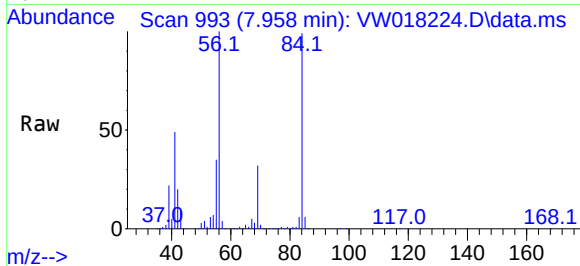


#29
Cyclohexane
Concen: 53.00 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

Tgt Ion: 56 Resp: 414607

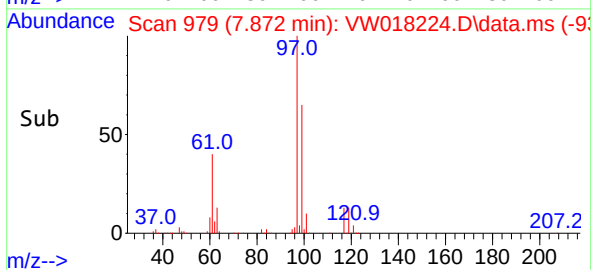
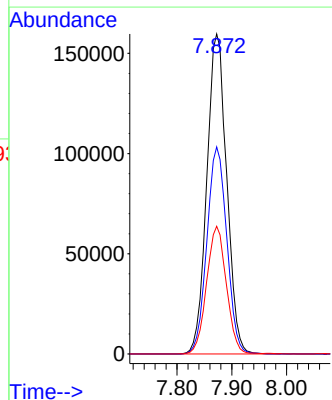
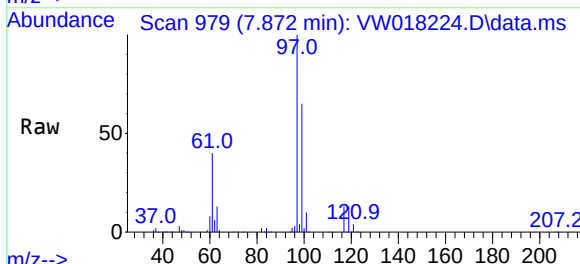
Ion	Ratio	Lower	Upper
56	100		
69	33.3	24.5	36.7
84	99.2	75.0	112.4

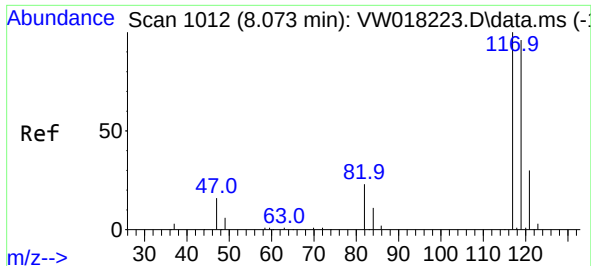


#30
1,1,1-Trichloroethane
Concen: 51.24 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 97 Resp: 401555

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.2
61	39.7	37.8	56.6

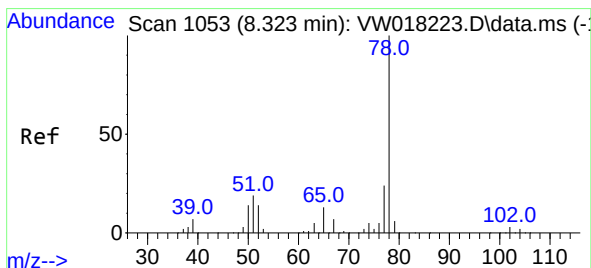
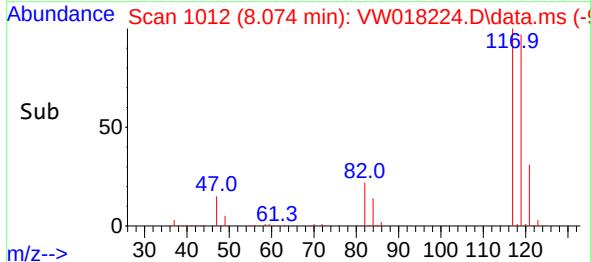
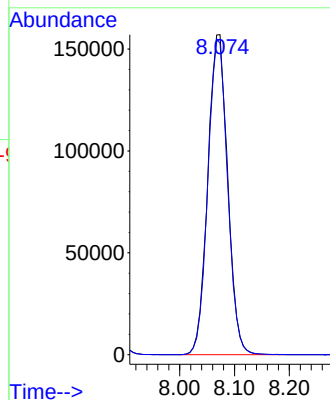
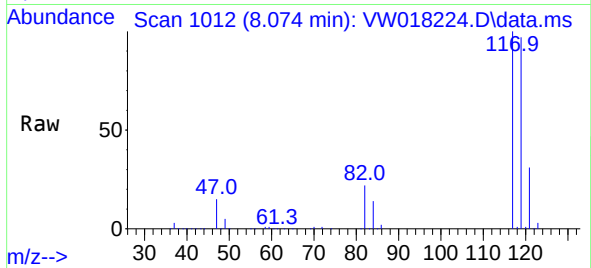




#31
Carbon tetrachloride
Concen: 51.95 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

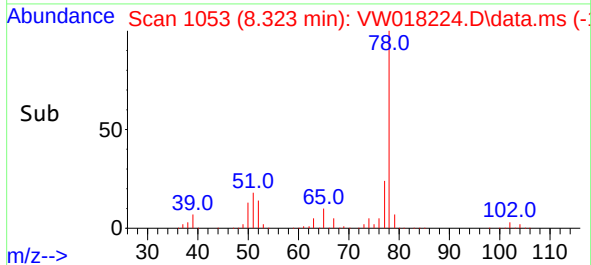
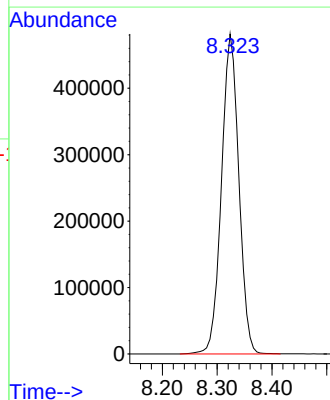
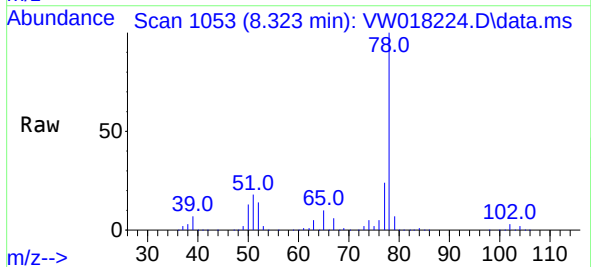
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

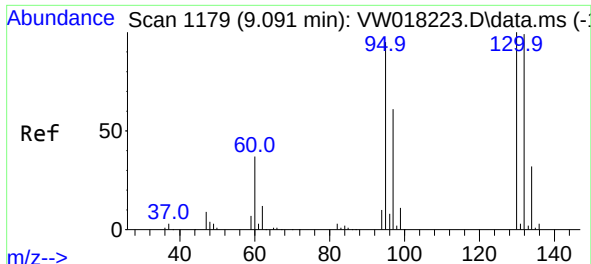
Tgt Ion:117 Resp: 394817
Ion Ratio Lower Upper
117 100
119 97.5 76.5 114.7



#33
Benzene
Concen: 50.98 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 78 Resp: 1061800

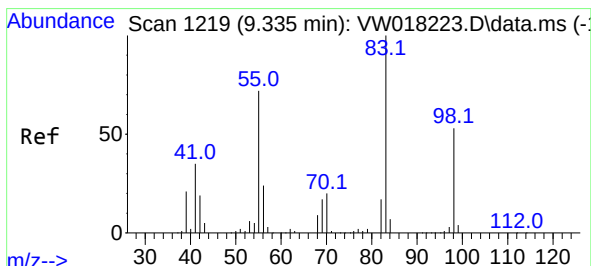
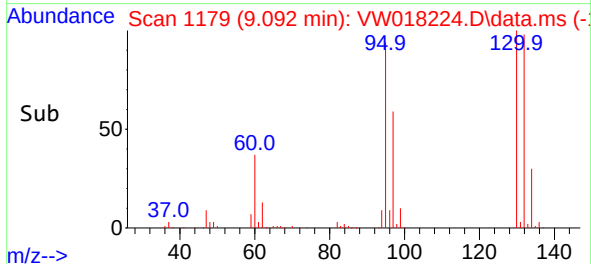
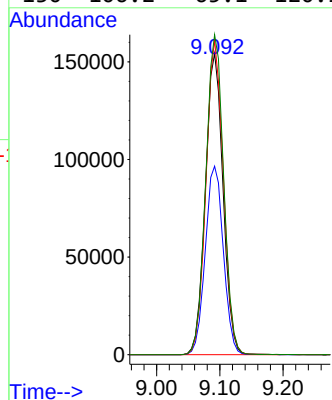
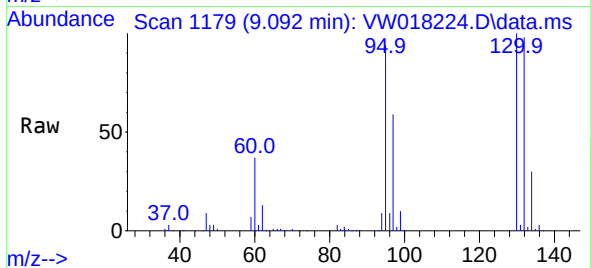




#34
Trichloroethene
Concen: 51.49 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

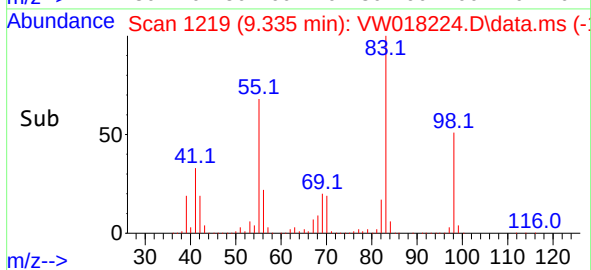
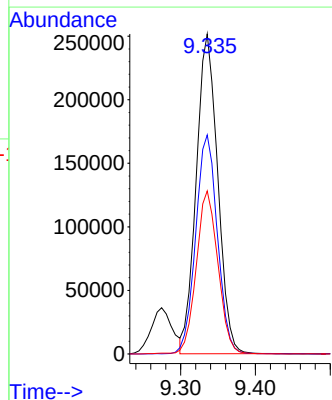
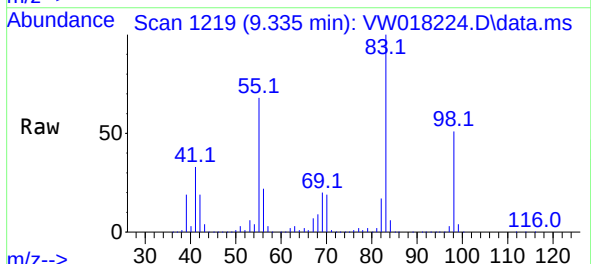
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

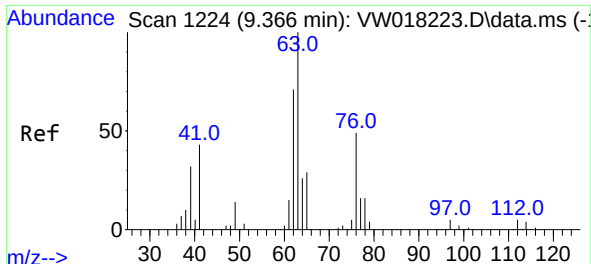
Tgt Ion: 95 Resp: 299772
Ion Ratio Lower Upper
95 100
97 62.5 47.3 87.8
132 104.4 71.0 131.8
130 106.2 65.1 120.9



#35
Methylcyclohexane
Concen: 52.13 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 83 Resp: 502109
Ion Ratio Lower Upper
83 100
55 69.2 58.9 88.3
98 51.4 40.1 60.1

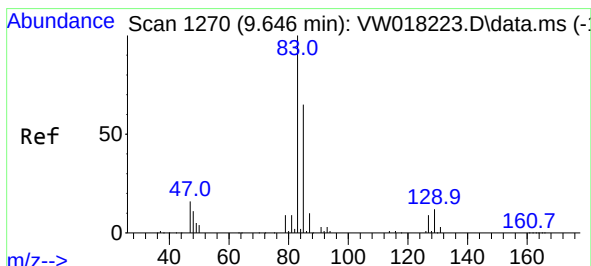
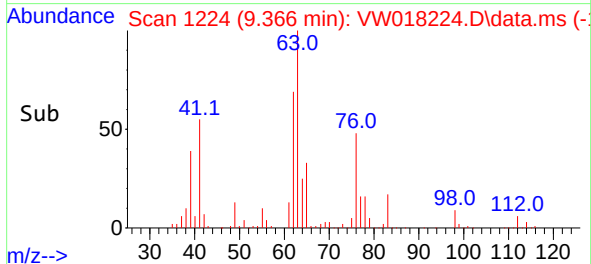
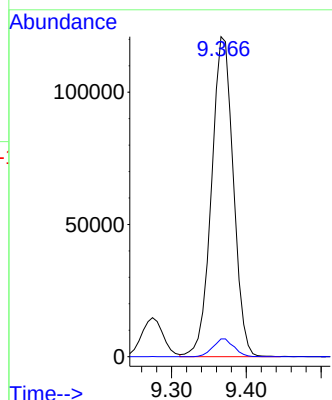
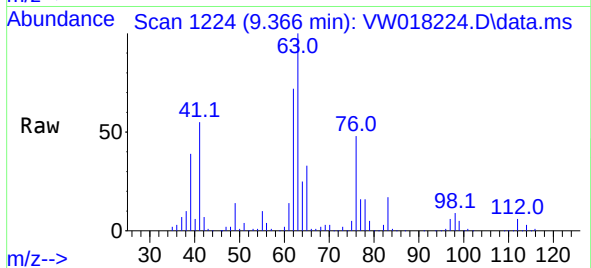




#37
1,2-Dichloropropane
Concen: 51.14 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

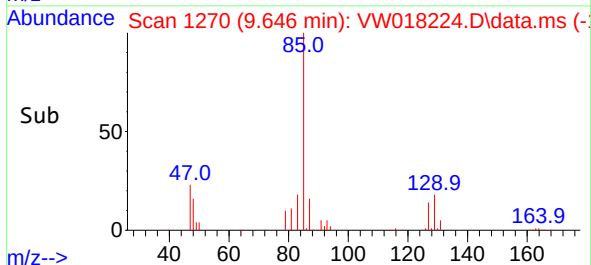
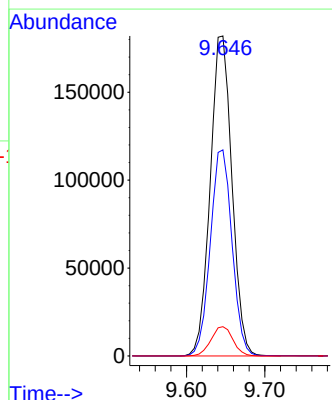
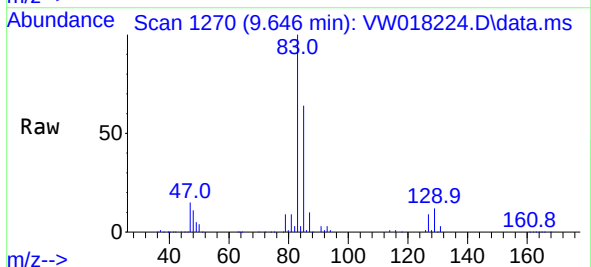
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

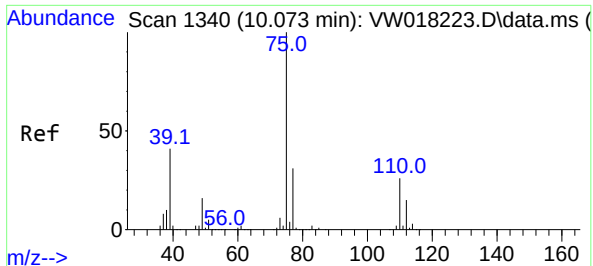
Tgt Ion: 63 Resp: 246094
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9



#38
Bromodichloromethane
Concen: 52.09 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 83 Resp: 351112
Ion Ratio Lower Upper
83 100
85 64.4 42.3 78.5
127 9.2 6.6 9.8

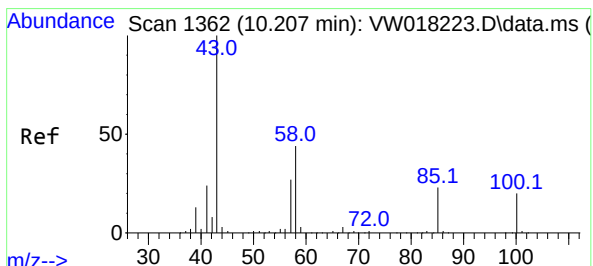
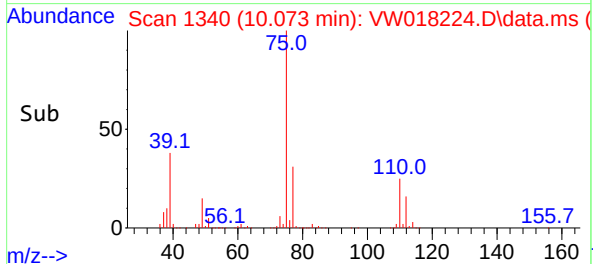
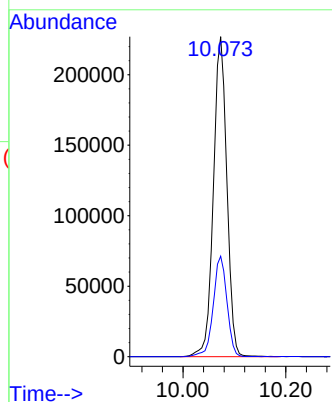
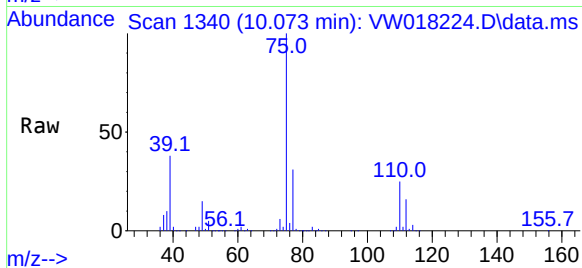




#39
cis-1,3-Dichloropropene
Concen: 53.45 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

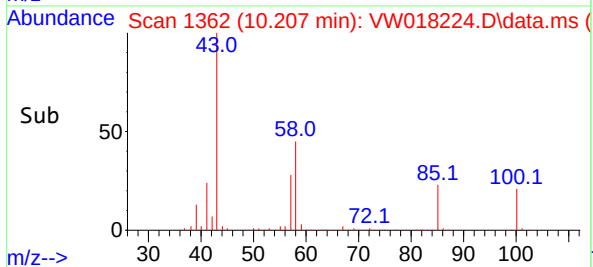
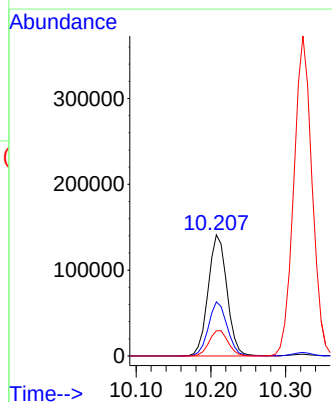
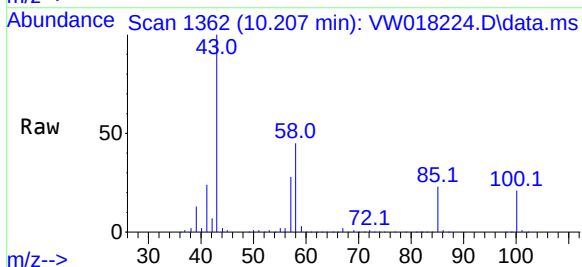
Instrument :
MSVOA_W
ClientSampled :
VSTD050102

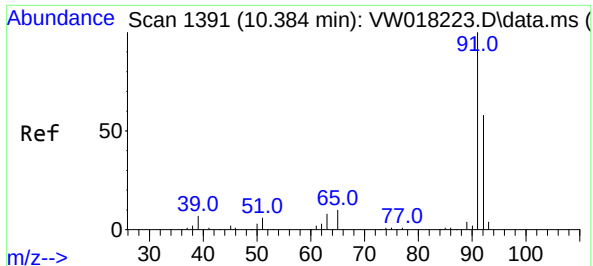
Tgt Ion: 75 Resp: 412261
Ion Ratio Lower Upper
75 100
77 31.4 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 101.09 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 43 Resp: 247046
Ion Ratio Lower Upper
43 100
58 44.4 31.0 46.4
100 21.2 13.0 19.6#

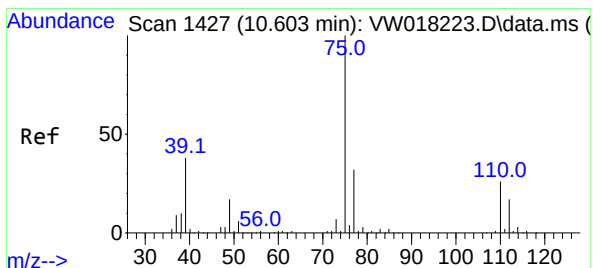
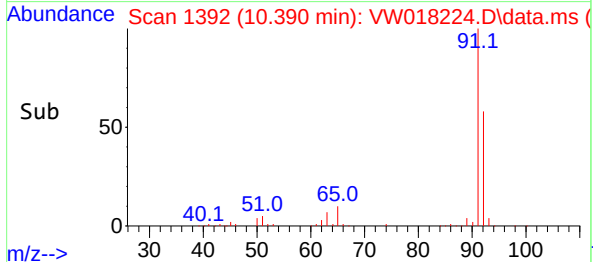
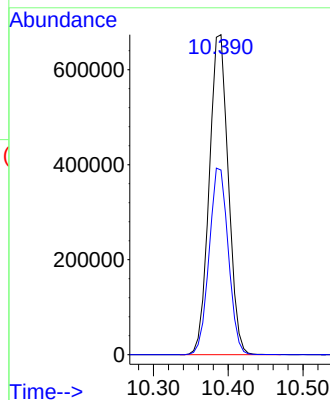
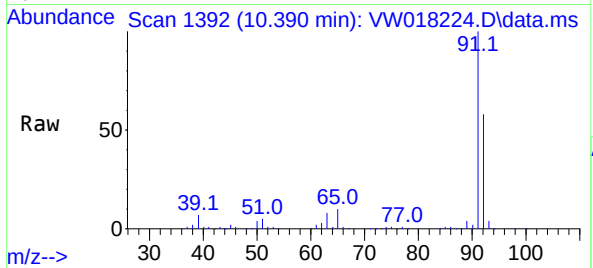




#42
Toluene
Concen: 52.02 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

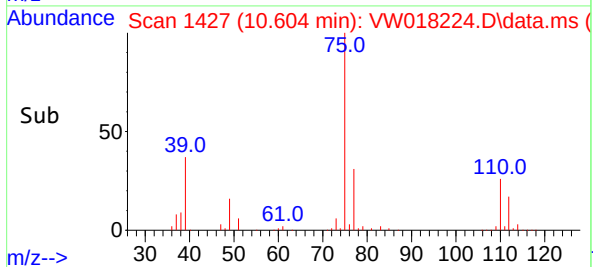
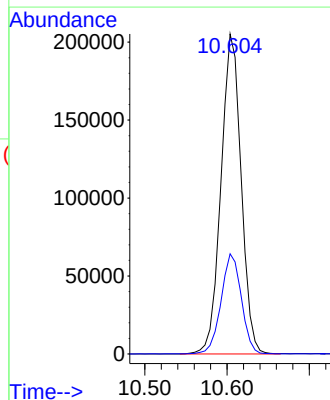
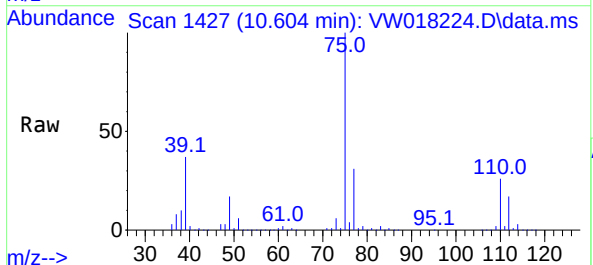
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

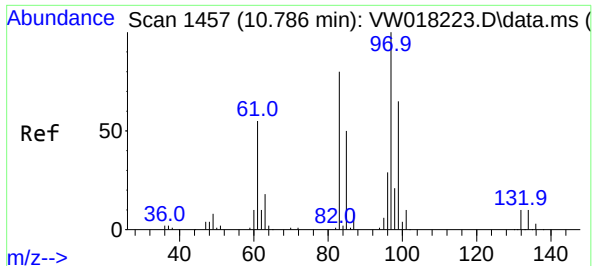
Tgt Ion: 91 Resp: 1193720
Ion Ratio Lower Upper
91 100
92 57.7 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 52.86 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 75 Resp: 349759
Ion Ratio Lower Upper
75 100
77 31.3 21.1 39.1



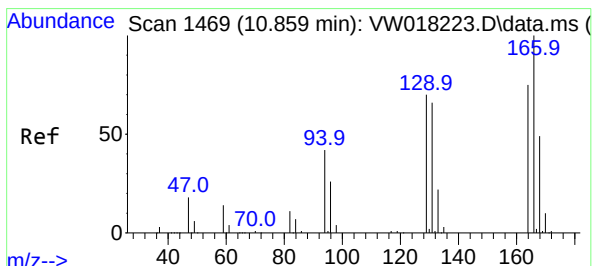
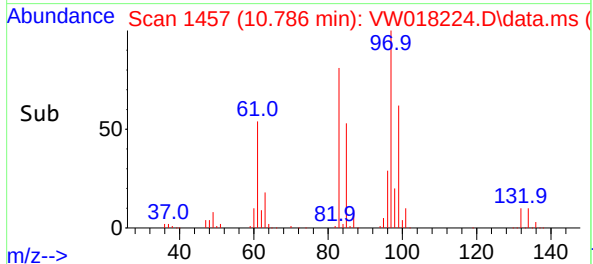
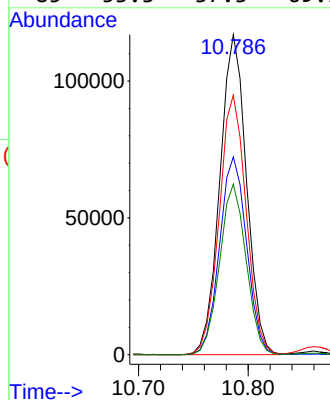
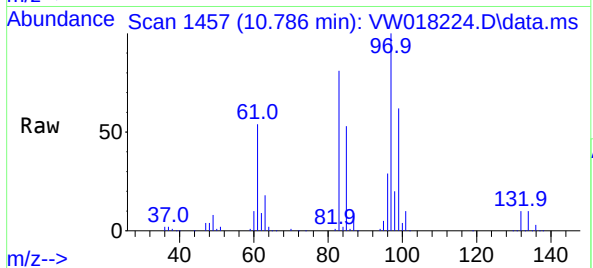


#45
1,1,2-Trichloroethane
Concen: 50.18 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

Tgt Ion: 97 Resp: 197656

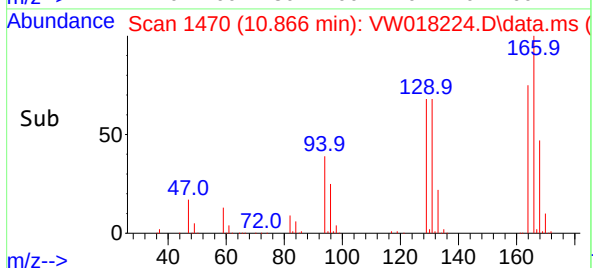
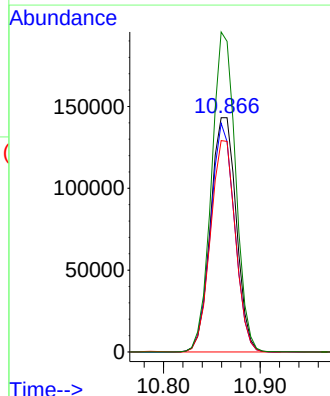
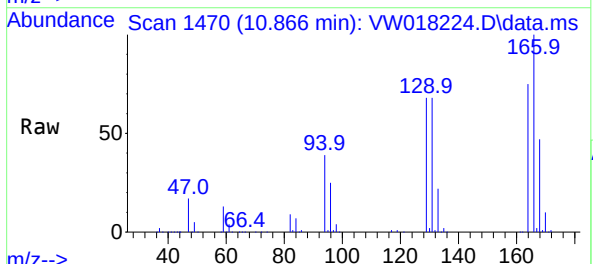
Ion	Ratio	Lower	Upper
97	100		
99	61.8	45.1	83.7
83	81.1	58.1	107.9
85	53.3	37.3	69.3

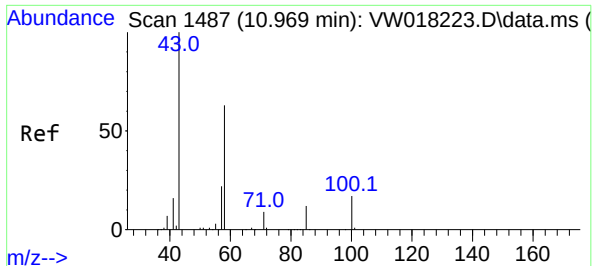


#46
Tetrachloroethene
Concen: 51.18 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion:164 Resp: 264148

Ion	Ratio	Lower	Upper
164	100		
129	89.7	66.7	123.9
131	89.8	61.1	113.5
166	132.5	87.0	161.6

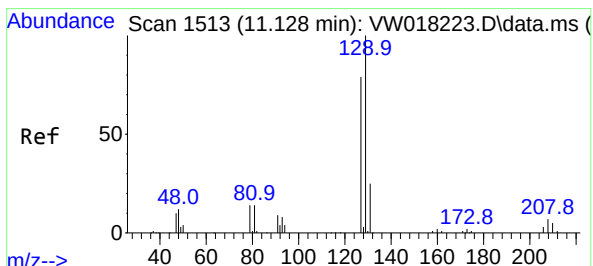
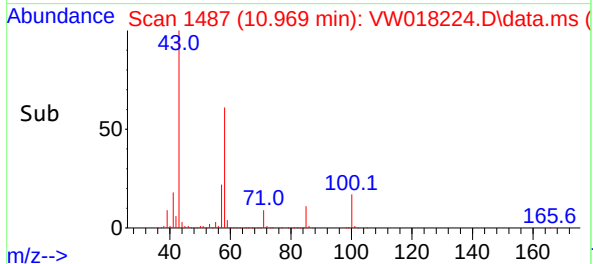
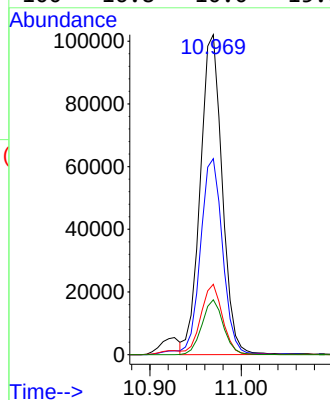
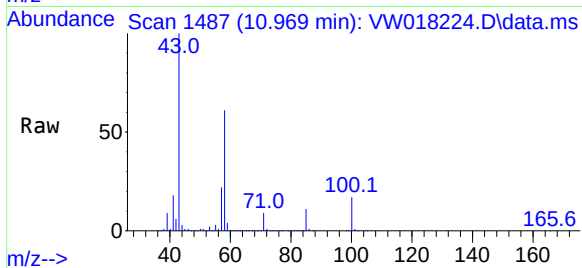




#48
2-Hexanone
Concen: 101.77 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

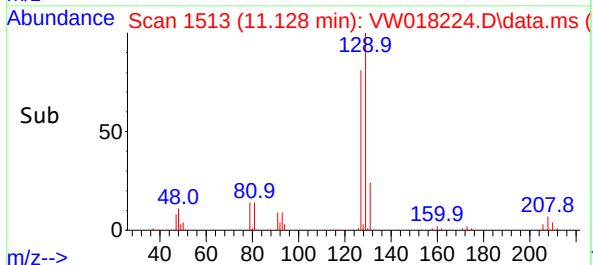
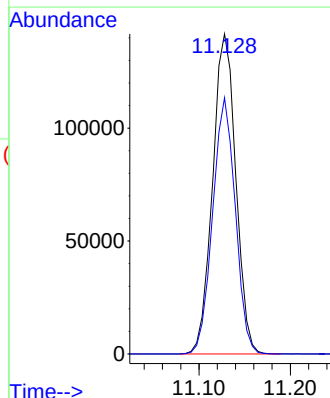
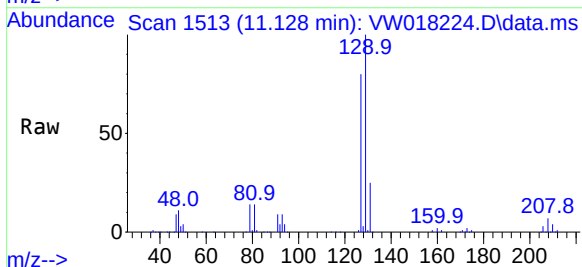
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

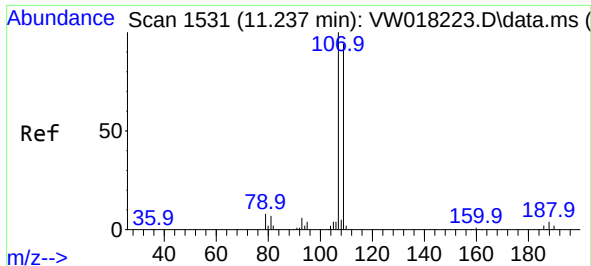
Tgt Ion: 43 Resp: 169766
Ion Ratio Lower Upper
43 100
58 61.6 42.7 64.1
57 21.8 15.8 23.8
100 16.8 10.0 15.0#



#49
Dibromochloromethane
Concen: 51.33 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion:129 Resp: 249865
Ion Ratio Lower Upper
129 100
127 80.1 51.7 95.9

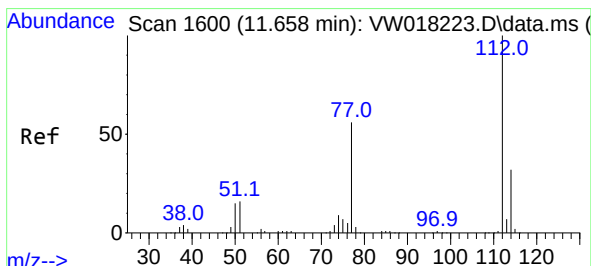
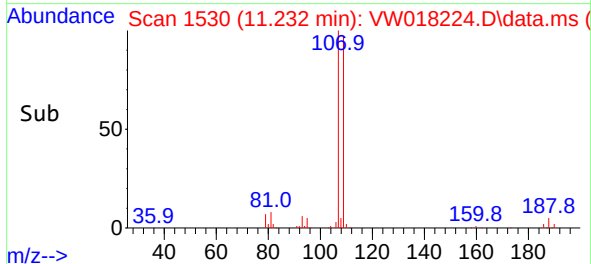
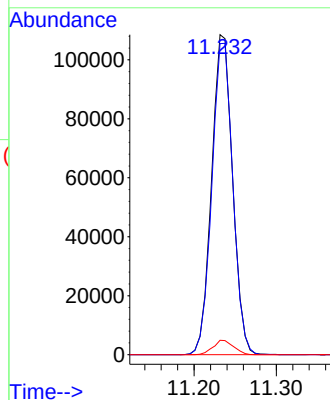
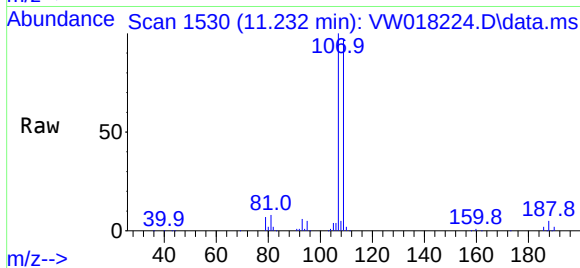




#50
1,2-Dibromoethane
Concen: 49.82 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

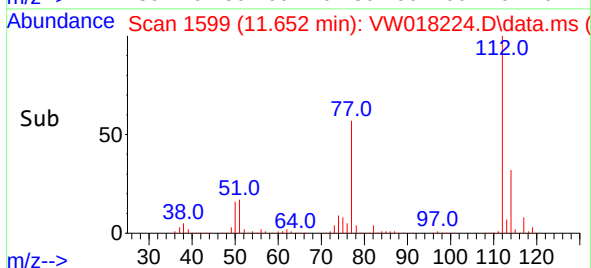
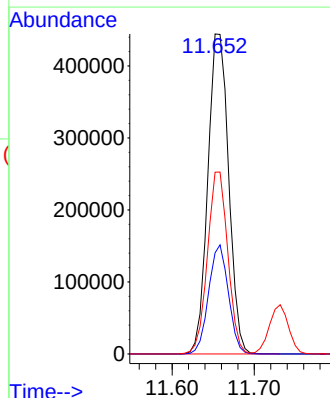
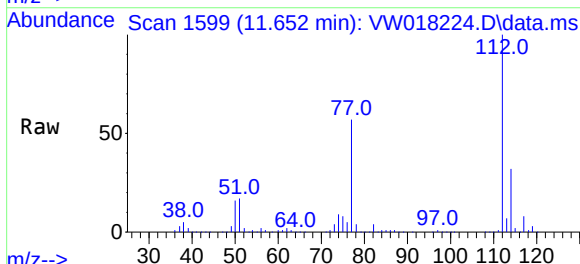
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

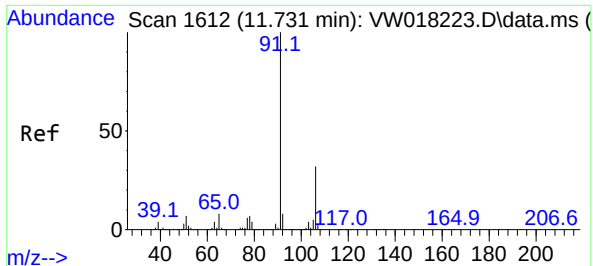
Tgt Ion:107 Resp: 192270
Ion Ratio Lower Upper
107 100
109 97.2 65.4 121.4
188 4.5 2.6 4.0#



#51
Chlorobenzene
Concen: 50.90 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion:112 Resp: 780787
Ion Ratio Lower Upper
112 100
114 31.6 23.4 43.6
77 56.8 47.6 71.4

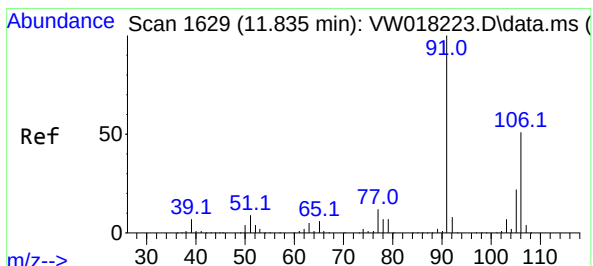
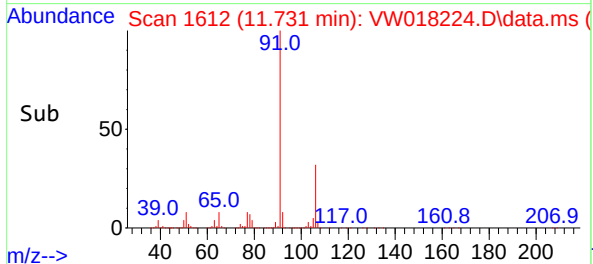
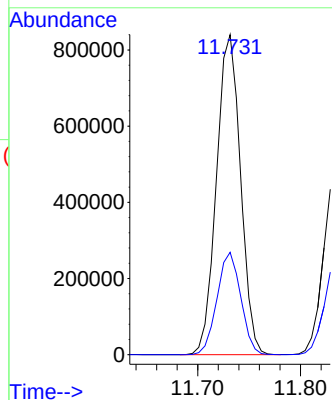
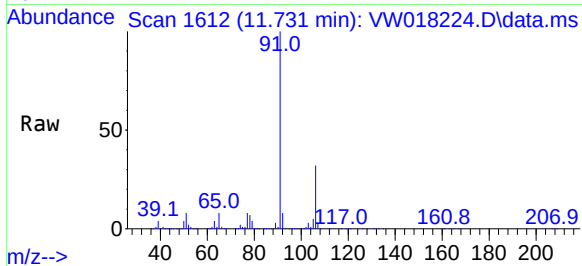




#52
Ethylbenzene
Concen: 52.71 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

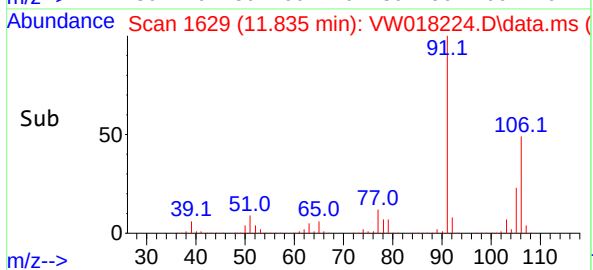
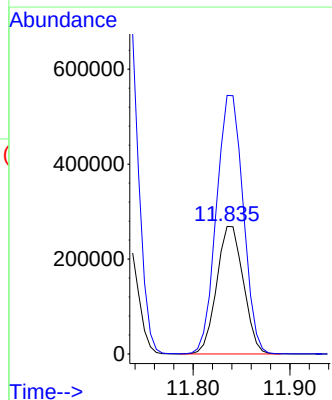
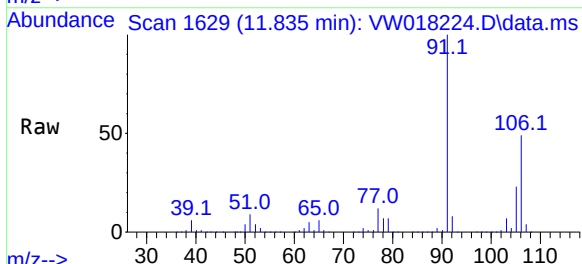
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

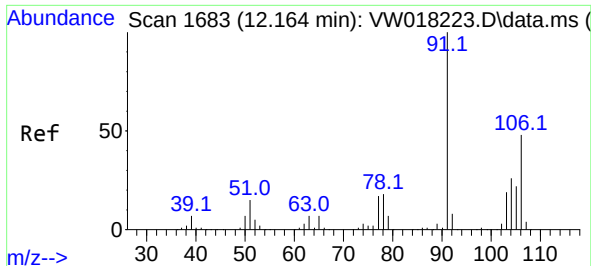
Tgt Ion: 91 Resp: 1364556
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.7



#53
m,p-Xylene
Concen: 50.95 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 106 Resp: 515032
Ion Ratio Lower Upper
106 100
91 202.7 141.3 262.3

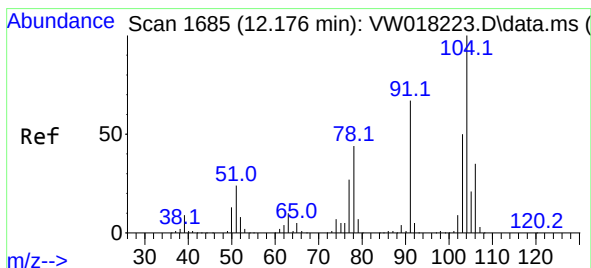
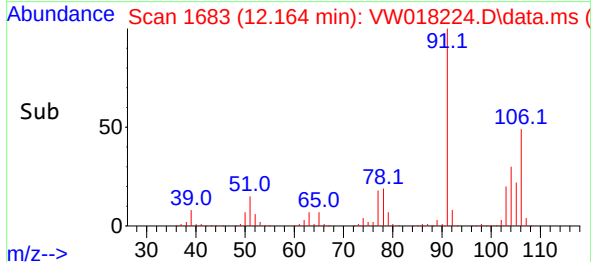
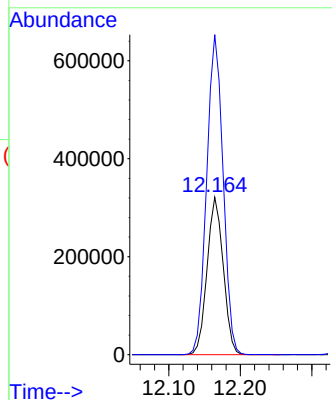
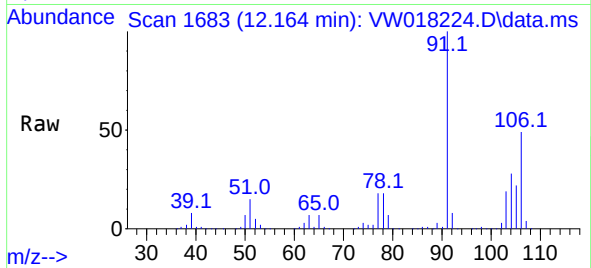




#54
o-Xylene
Concen: 52.76 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

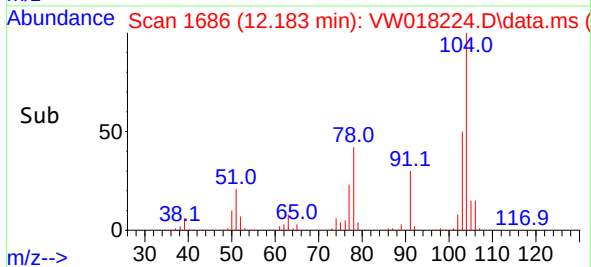
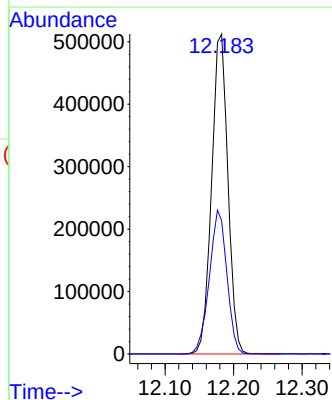
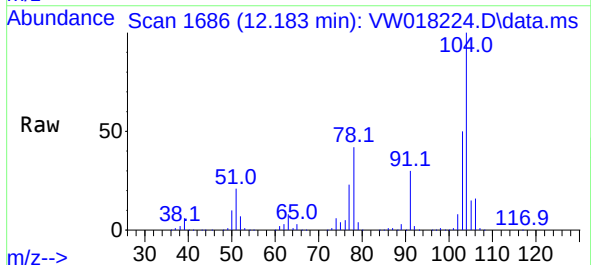
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

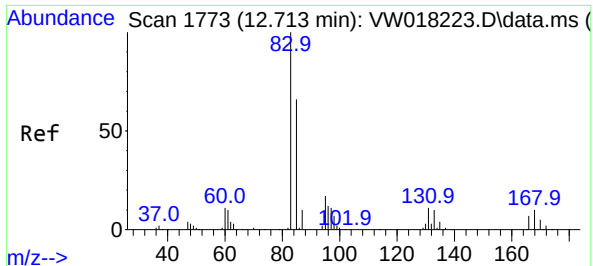
Tgt Ion:106 Resp: 504095
Ion Ratio Lower Upper
106 100
91 203.3 150.0 278.6



#55
Styrene
Concen: 52.82 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion:104 Resp: 846760
Ion Ratio Lower Upper
104 100
78 41.7 32.5 60.3



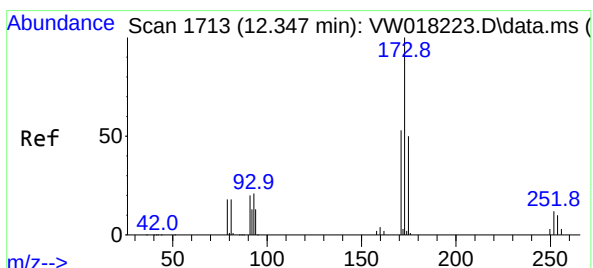
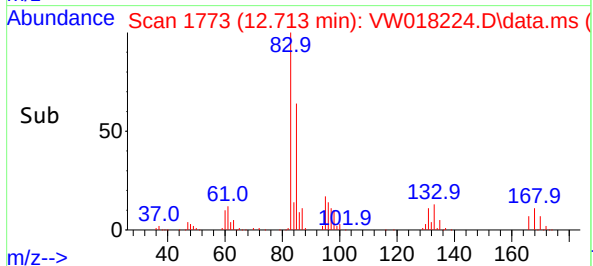
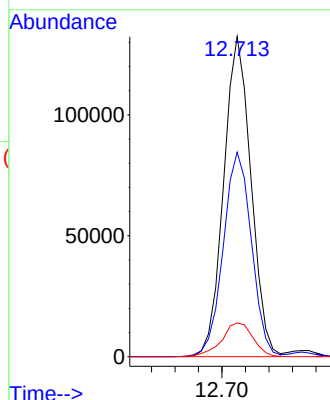
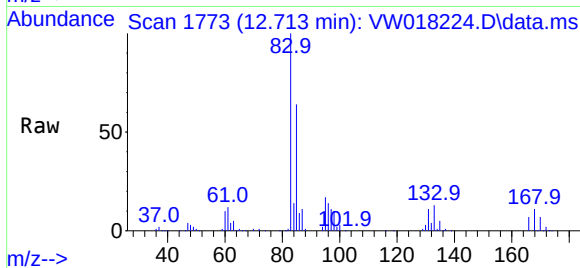


#57
1,1,2,2-Tetrachloroethane
Concen: 48.45 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

Tgt Ion: 83 Resp: 213574

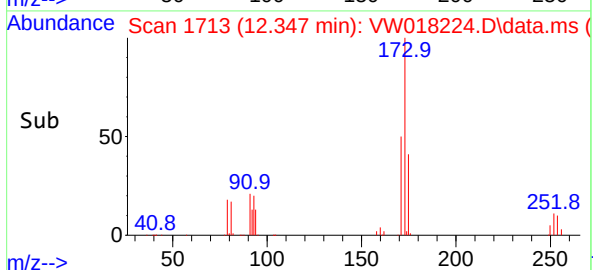
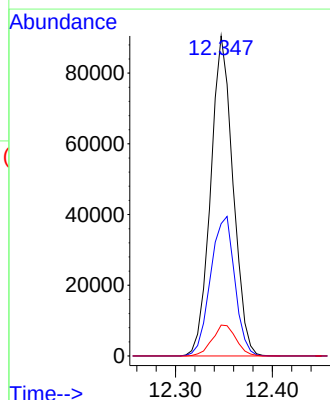
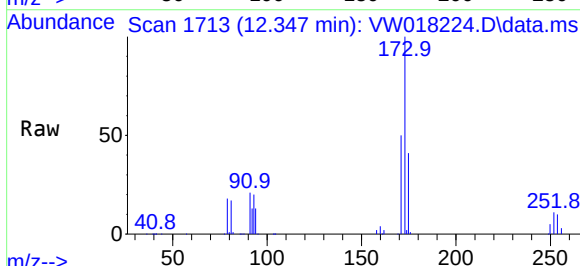
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.4	82.4
131	10.5	8.2	12.4

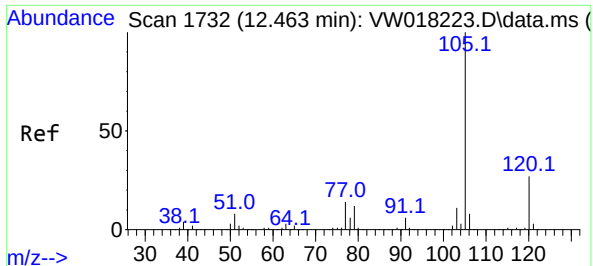


#59
Bromoform
Concen: 52.41 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 173 Resp: 145386

Ion	Ratio	Lower	Upper
173	100		
175	47.1	37.5	56.3
254	10.3	7.0	10.4

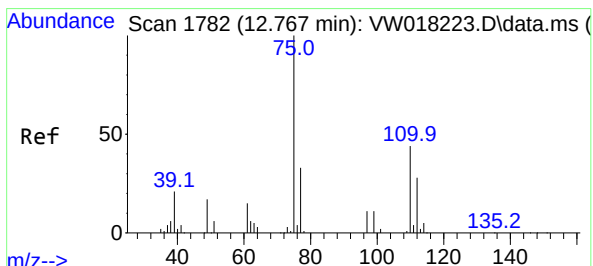
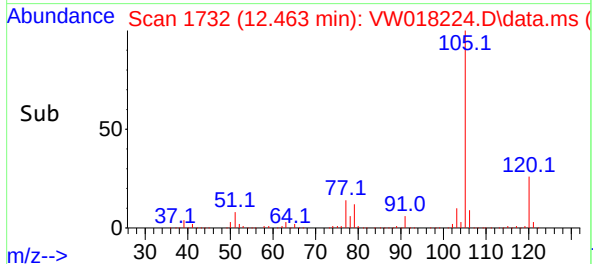
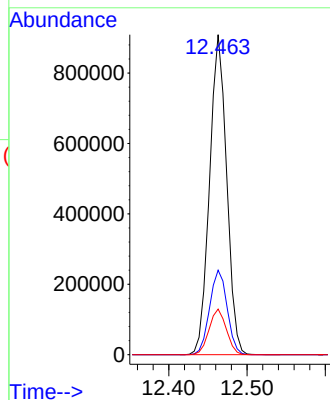
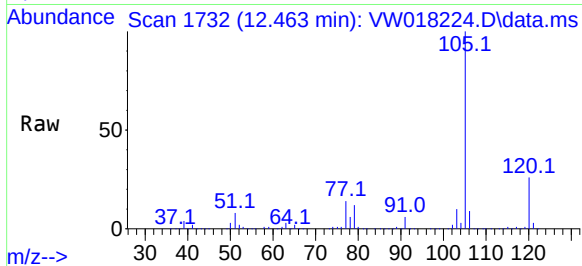




#60
Isopropylbenzene
Concen: 54.04 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

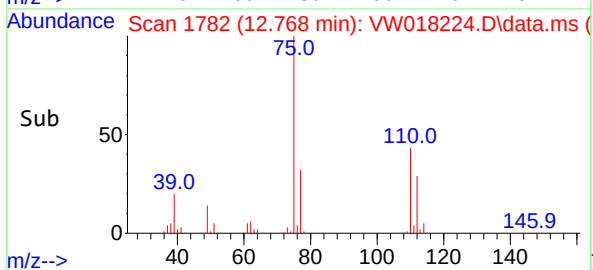
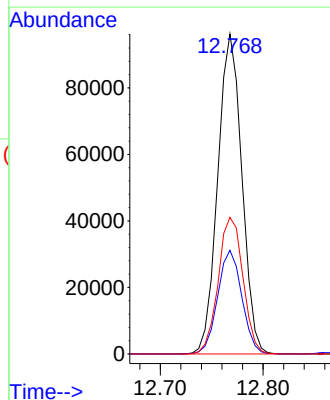
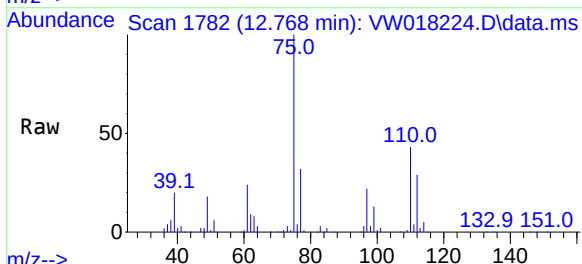
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

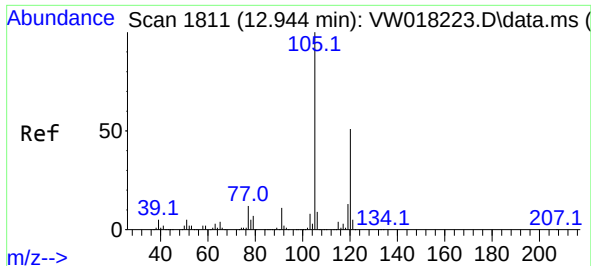
Tgt Ion:105 Resp: 1375750
Ion Ratio Lower Upper
105 100
120 27.1 21.1 31.7
77 14.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 49.03 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 75 Resp: 156544
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
110 43.8 32.6 48.8

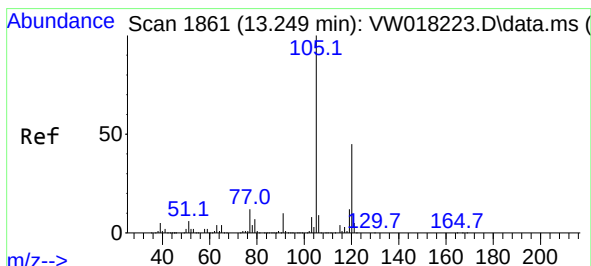
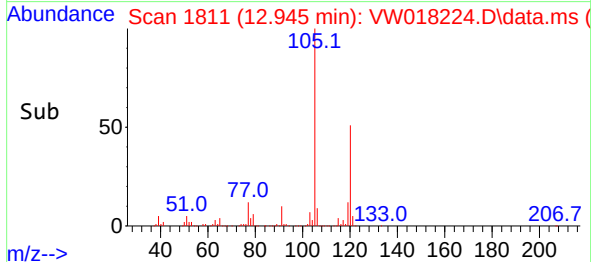
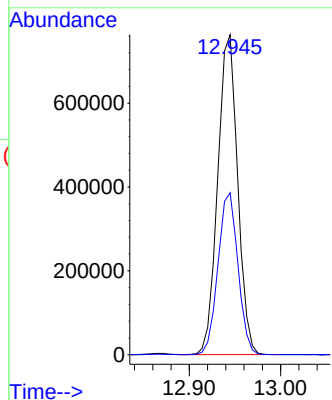
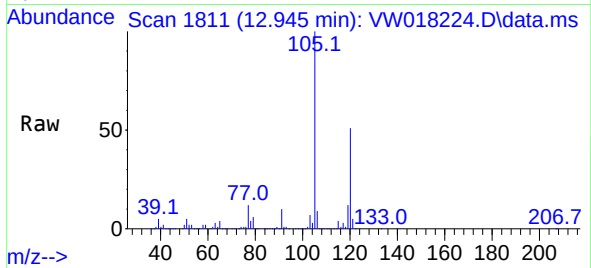




#62
1,3,5-Trimethylbenzene
Concen: 54.24 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

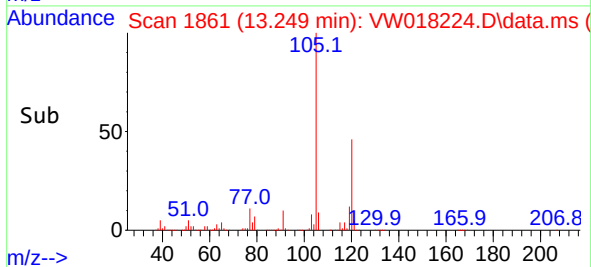
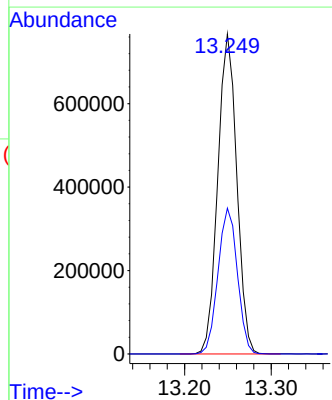
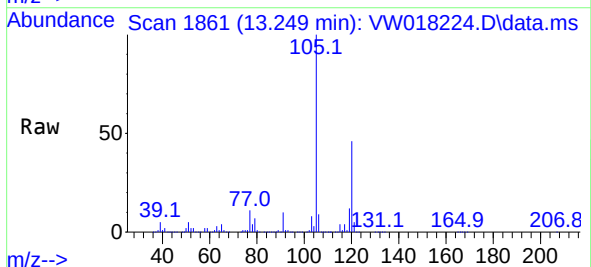
Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

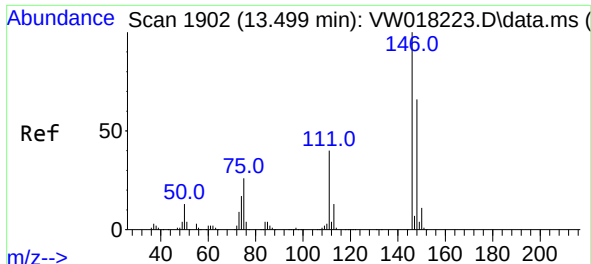
Tgt Ion:105 Resp: 1157074
Ion Ratio Lower Upper
105 100
120 50.8 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 54.97 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion:105 Resp: 1168618
Ion Ratio Lower Upper
105 100
120 46.4 35.6 53.4

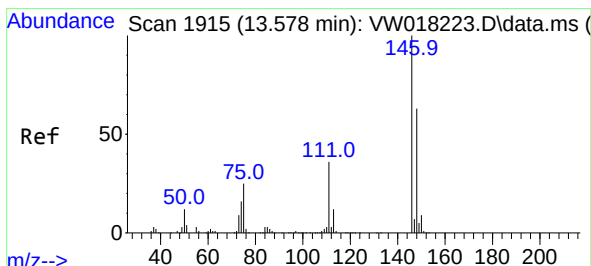
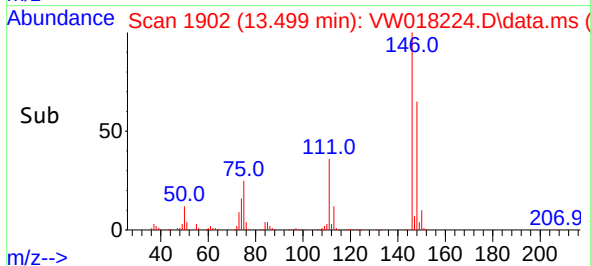
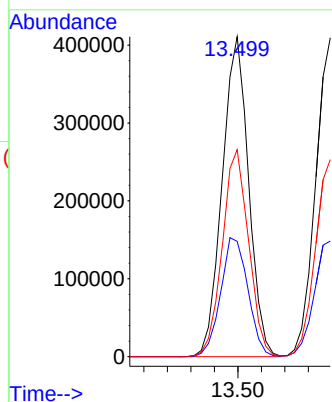
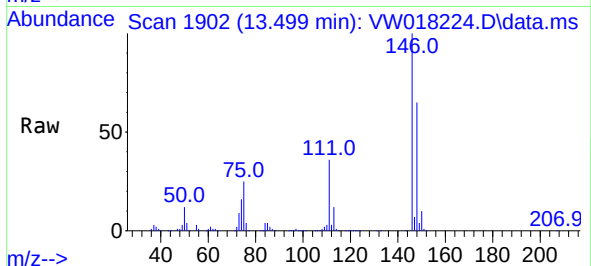




#64
1,3-Dichlorobenzene
Concen: 52.40 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

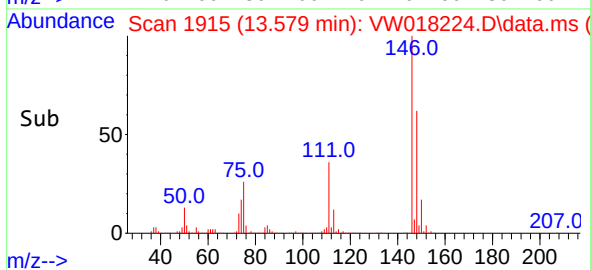
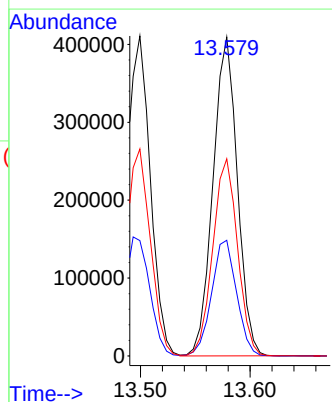
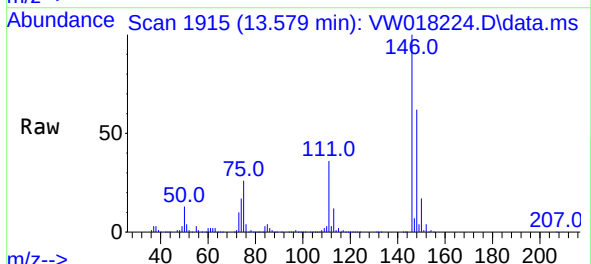
Instrument :
MSVOA_W
ClientSampled :
VSTD050102

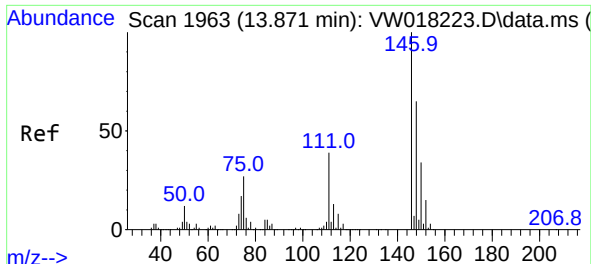
Tgt Ion:146 Resp: 640985
Ion Ratio Lower Upper
146 100
111 36.0 26.7 49.7
148 64.7 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 51.57 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion:146 Resp: 632065
Ion Ratio Lower Upper
146 100
111 36.3 28.8 53.4
148 61.8 46.8 87.0



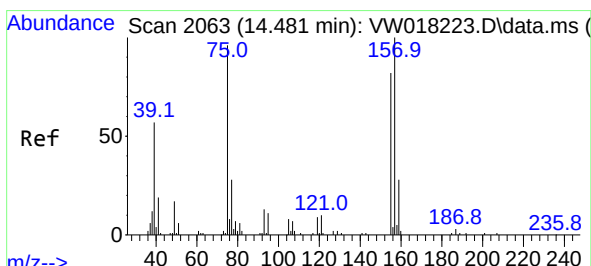
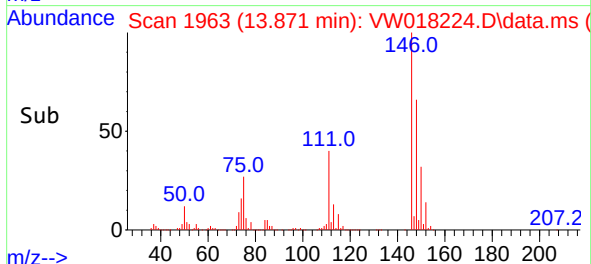
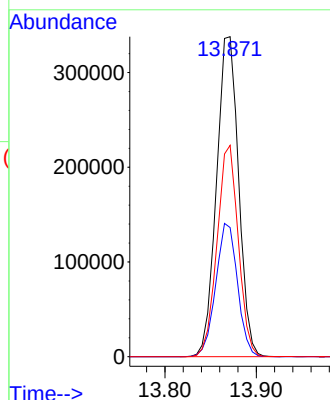
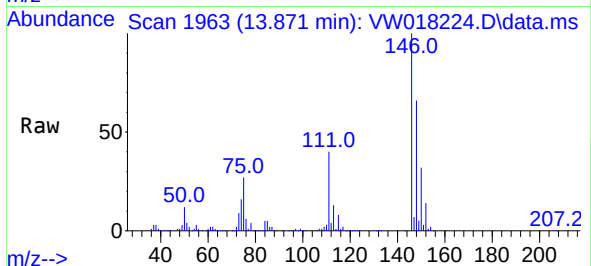


#67
1,2-Dichlorobenzene
Concen: 51.70 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

Tgt Ion:146 Resp: 567722

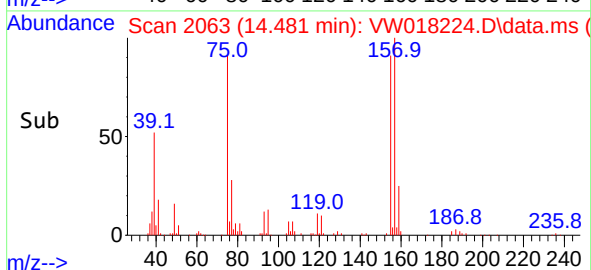
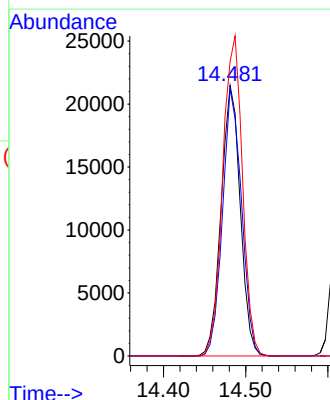
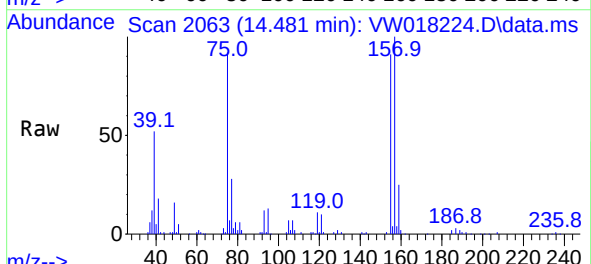
Ion	Ratio	Lower	Upper
146	100		
111	40.4	33.2	49.8
148	66.0	50.4	75.6

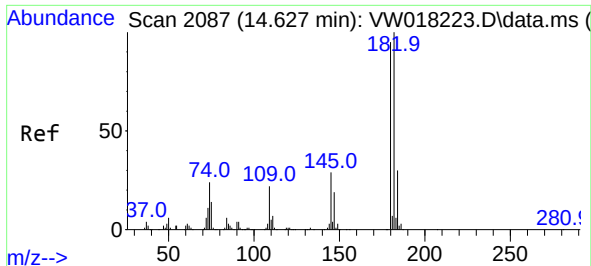


#68
1,2-Dibromo-3-chloropropane
Concen: 50.18 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion: 75 Resp: 34819

Ion	Ratio	Lower	Upper
75	100		
155	99.0	59.4	89.0#
157	108.9	72.2	108.2#



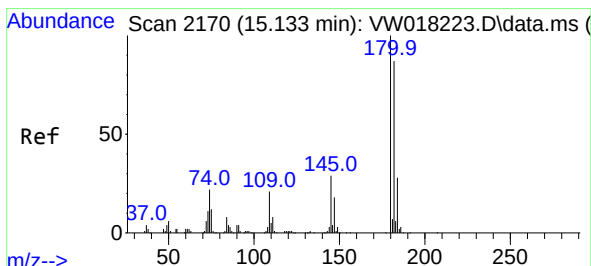
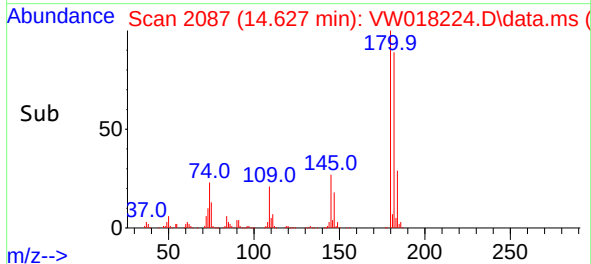
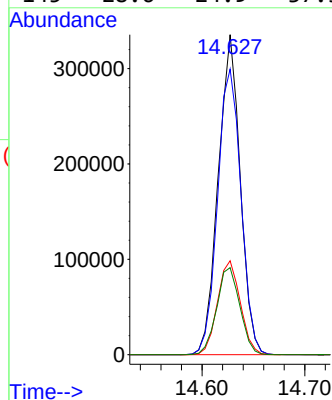
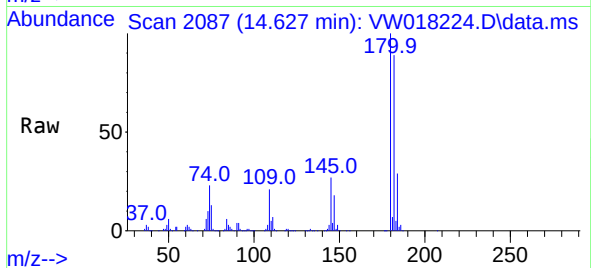


#69
1,3,5-Trichlorobenzene
Concen: 52.98 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

Tgt Ion:180 Resp: 498601

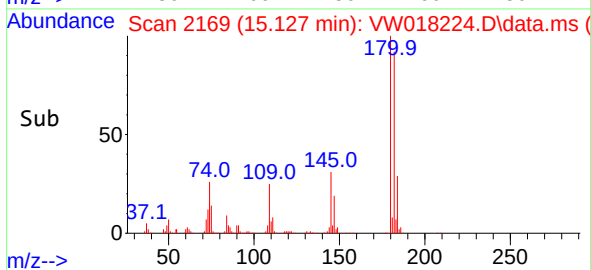
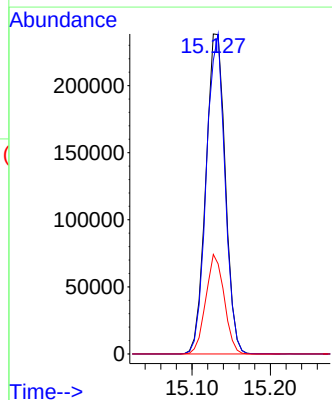
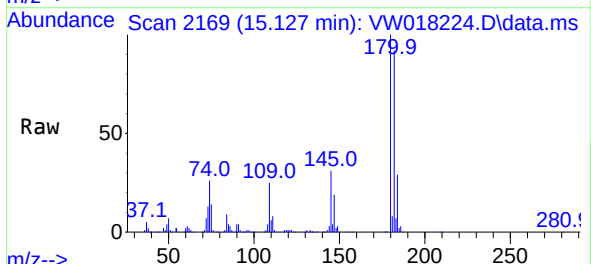
Ion	Ratio	Lower	Upper
180	100		
182	94.9	73.4	110.2
184	30.5	23.6	35.4
145	28.6	24.9	37.3

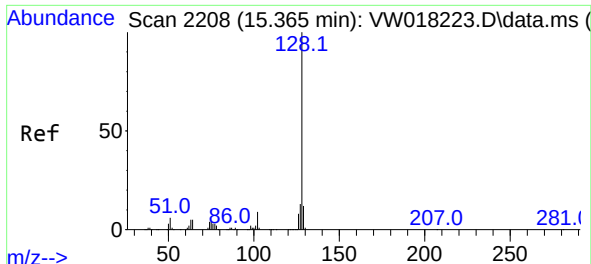


#70
1,2,4-trichlorobenzene
Concen: 52.70 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion:180 Resp: 410248

Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.7	112.1
145	29.5	25.0	37.4



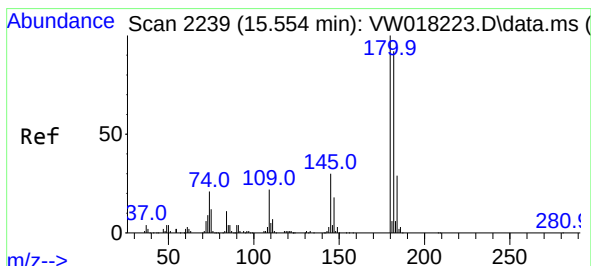
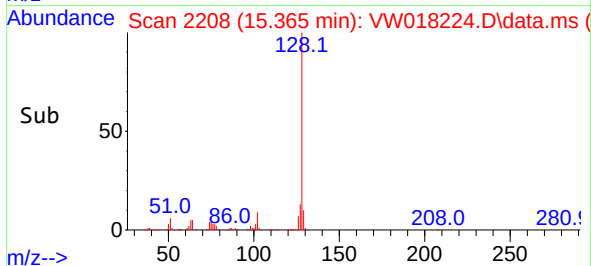
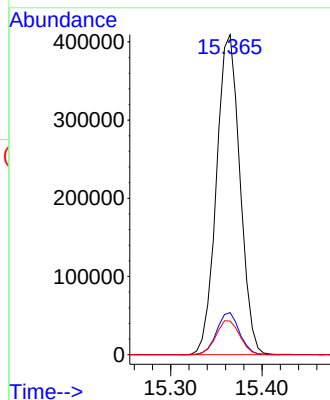
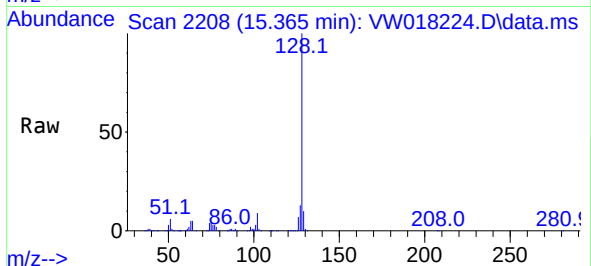


#71
Naphthalene
Concen: 53.43 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD050102

Tgt Ion:128 Resp: 730354

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.8	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 51.84 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018224.D
Acq: 23 Feb 2021 12:24

Tgt Ion:180 Resp: 353430

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.7	115.1
145	31.8	28.9	43.3

