

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018510.D
 Acq On : 31 Mar 2021 13:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Apr 01 01:59:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 31 01:12:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	480379	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	449492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	240060	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	203795	30.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	121.96%		
7) Chloroethane-d5	2.898	69	170294	29.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	116.40%		
10) 1,1-Dichloroethene-d2	4.025	63	323702	28.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	112.16%#		
20) 2-Butanone-d5	7.086	46	76344	51.30	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.60%		
24) Chloroform-d	7.653	84	336744	27.52	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	110.08%		
26) 1,2-Dichloroethane-d4	8.305	65	197754	27.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.76%		
29) Benzene-d6	8.275	84	637163	26.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	106.64%		
33) 1,2-Dichloropropane-d6	9.275	67	187562	27.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	108.84%		
37) Toluene-d8	10.323	98	628325	27.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	109.24%		
38) trans-1,3-Dichloroprop...	10.579	79	92829	26.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	104.44%		
39) 2-Hexanone-d5	10.927	63	66170	49.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.10%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	170887	27.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	110.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	218381	25.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	135279	24.52	ug/L	96
3) Chloromethane	2.221	50	170348	24.49	ug/L	97
5) Vinyl chloride	2.367	62	246766	27.02	ug/L	100
6) Bromomethane	2.788	94	185220	28.08	ug/L	98
8) Chloroethane	2.928	64	153870	27.02	ug/L	98
9) Trichlorofluoromethane	3.263	101	130623	28.43	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	169149	28.63	ug/L	99
12) 1,1-Dichloroethene	4.050	96	167545	27.78	ug/L	91
13) Acetone	4.129	43	52154	48.78	ug/L	100
14) Carbon disulfide	4.391	76	511962	28.19	ug/L	100
15) Methyl Acetate	4.672	43	62172	25.43	ug/L	96
16) Methylene chloride	4.922	84	178820	22.69	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	231817	26.31	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	177080	26.60	ug/L	96
19) 1,1-Dichloroethane	6.220	63	296151	26.07	ug/L	98
21) 2-Butanone	7.171	43	83921	49.41	ug/L	98
22) cis-1,2-Dichloroethene	7.171	96	183612	26.22	ug/L	98
23) Bromochloromethane	7.519	128	83698	27.01	ug/L	93
25) Chloroform	7.677	83	323776	26.86	ug/L	99
27) 1,2-Dichloroethane	8.403	62	229465	26.83	ug/L	99

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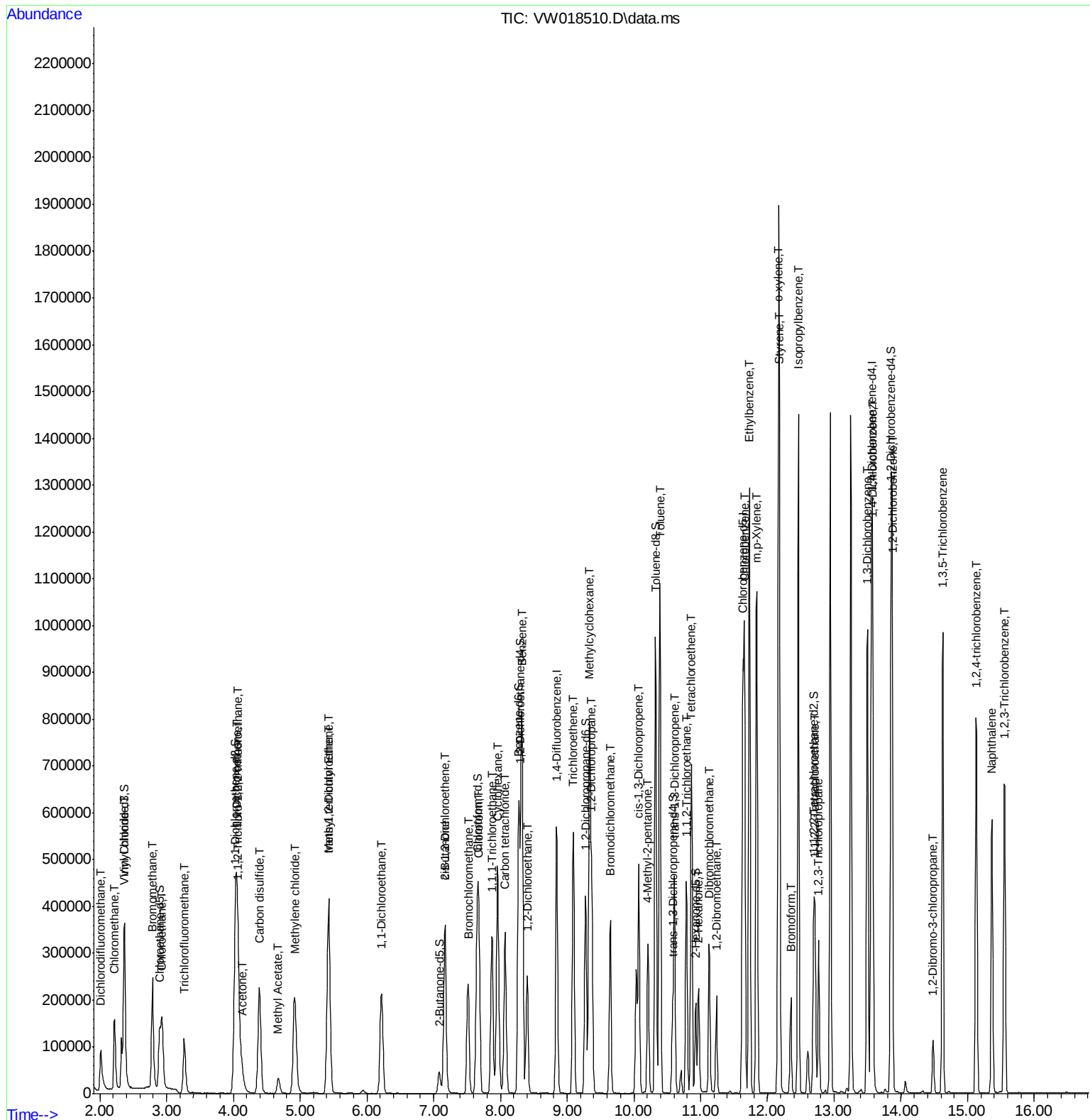
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	277092	25.97	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	266526	26.53	ug/L	97
32) Carbon tetrachloride	8.074	117	255443	27.29	ug/L	99
34) Benzene	8.323	78	698404	26.83	ug/L	100
35) Trichloroethene	9.092	95	188328	26.19	ug/L	98
36) Methylcyclohexane	9.335	83	335092	26.61	ug/L	99
40) 1,2-Dichloropropane	9.366	63	166443	26.14	ug/L	98
41) Bromodichloromethane	9.646	83	236177	26.24	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	277295	25.75	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	194248	50.73	ug/L	97
44) Toluene	10.390	91	808349	27.32	ug/L	94
45) trans-1,3-Dichloropropene	10.610	75	253729	26.24	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	136417	26.87	ug/L	96
47) Tetrachloroethene	10.860	164	148229	27.14	ug/L	93
49) 2-Hexanone	10.969	43	133437	49.24	ug/L	98
50) Dibromochloromethane	11.128	129	160959	26.89	ug/L	96
51) 1,2-Dibromoethane	11.238	107	134521	26.75	ug/L	98
52) Chlorobenzene	11.658	112	500998	26.70	ug/L	99
53) Ethylbenzene	11.731	91	900827	27.00	ug/L	100
54) m,p-Xylene	11.835	106	342756	26.88	ug/L	97
55) o-xylene	12.164	106	333016	27.40	ug/L	96
56) Styrene	12.183	104	565702	27.29	ug/L	94
57) Isopropylbenzene	12.463	105	895947	27.10	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	166721	27.13	ug/L	94
59) 1,2,3-Trichloropropane	12.768	75	123535	26.63	ug/L	98
62) Bromoform	12.353	173	93540	25.41	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	388918	25.31	ug/L	94
64) 1,4-Dichlorobenzene	13.579	146	399546	25.77	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	359504	26.18	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	27927	22.50	ug/L	94
67) 1,3,5-Trichlorobenzene	14.627	180	290667	26.23	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	242517	25.72	ug/L	89
69) Naphthalene	15.365	128	495611	25.25	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	213744	25.98	ug/L	99

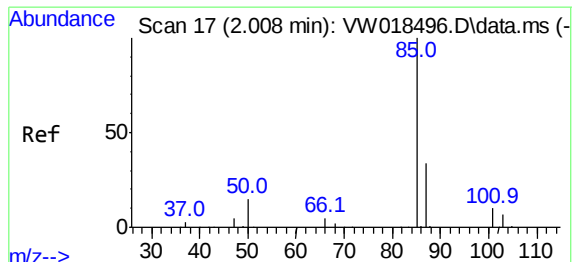
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#2

Dichlorodifluoromethane

Concen: 24.52 ug/L

RT: 2.014 min Scan# 18

Delta R.T. 0.006 min

Lab File: VW018510.D

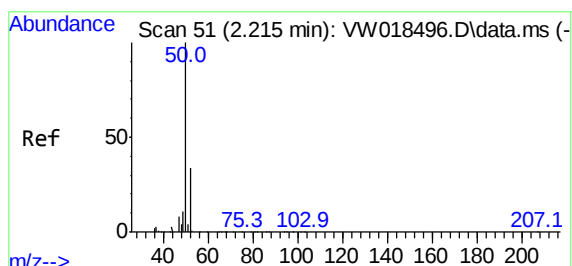
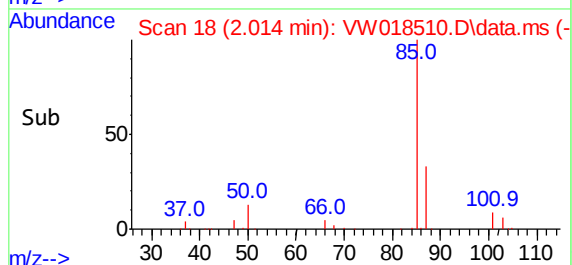
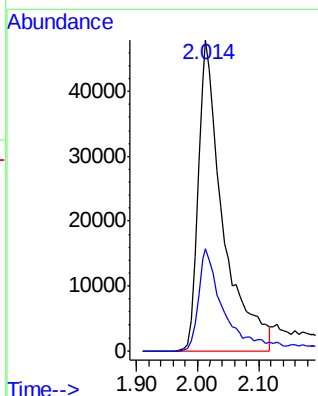
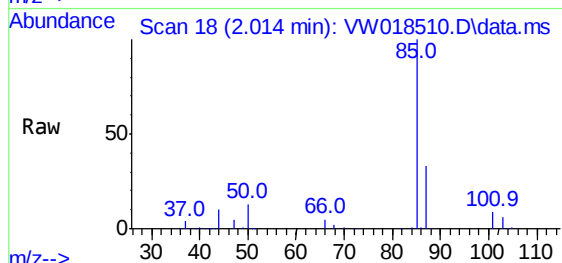
Acq: 31 Mar 2021 13:50

Tgt Ion: 85 Resp: 135279

Ion Ratio Lower Upper

85 100

87 29.4 22.2 41.2



#3

Chloromethane

Concen: 24.49 ug/L

RT: 2.221 min Scan# 52

Delta R.T. 0.006 min

Lab File: VW018510.D

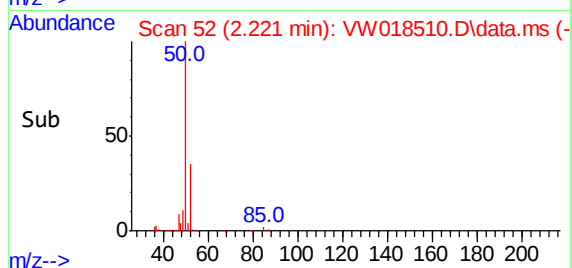
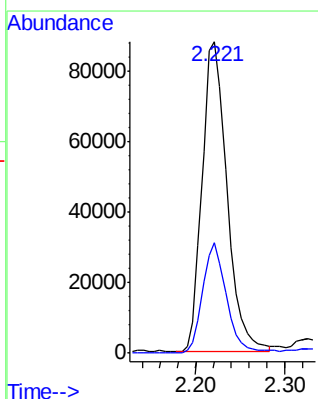
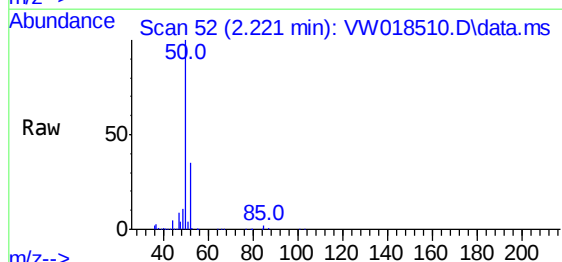
Acq: 31 Mar 2021 13:50

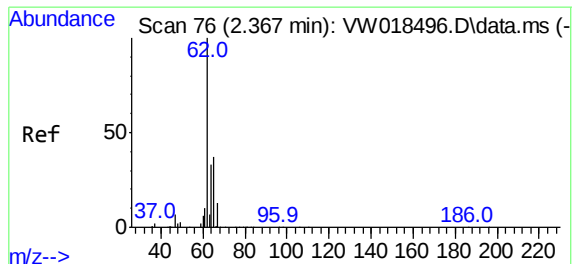
Tgt Ion: 50 Resp: 170348

Ion Ratio Lower Upper

50 100

52 35.3 23.7 43.9



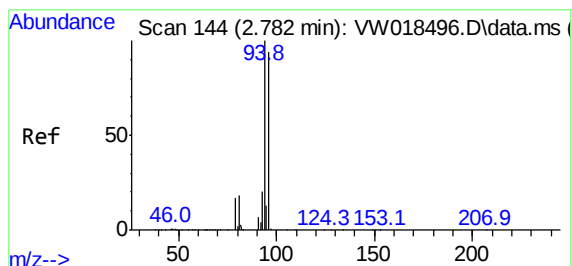
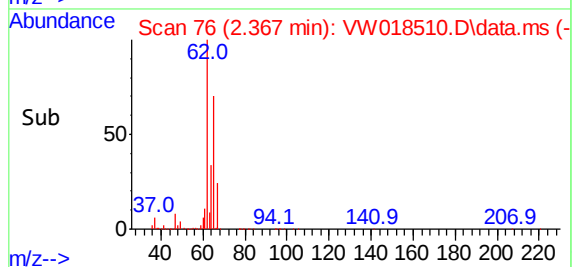
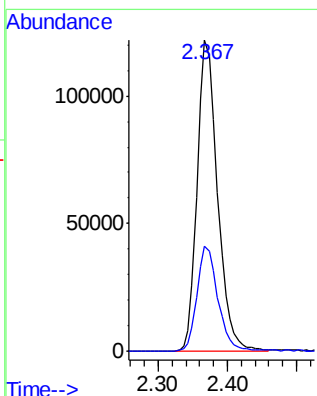
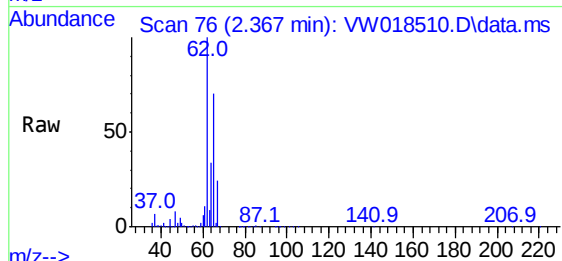


#5
 Vinyl chloride
 Concen: 27.02 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018510.D
 Acq: 31 Mar 2021 13:50

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 VSTD02522

Tgt Ion: 62 Resp: 246766

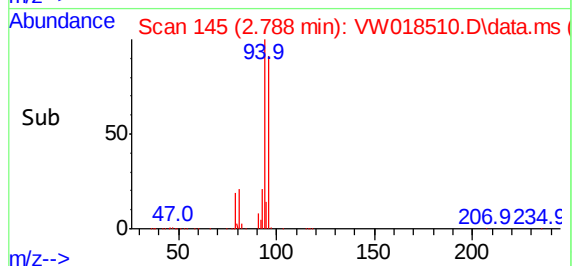
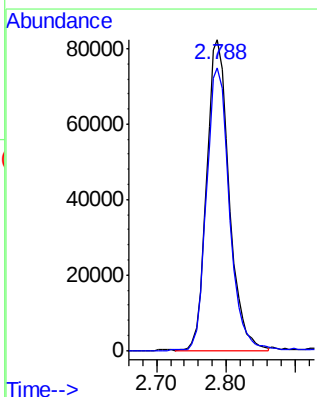
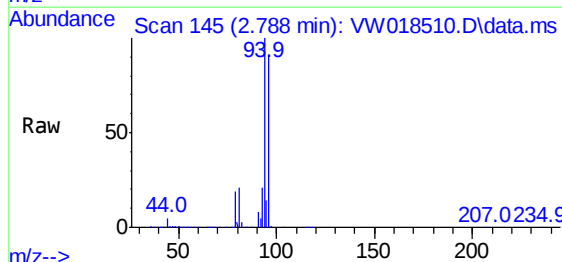
Ion	Ratio	Lower	Upper
62	100		
64	33.7	23.5	43.7

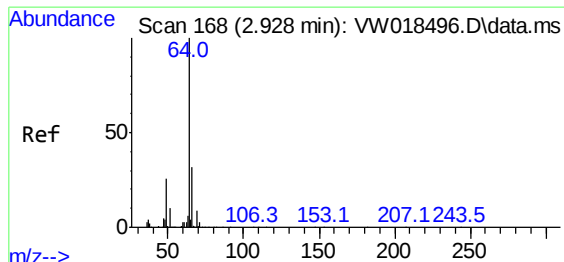


#6
 Bromomethane
 Concen: 28.08 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018510.D
 Acq: 31 Mar 2021 13:50

Tgt Ion: 94 Resp: 185220

Ion	Ratio	Lower	Upper
94	100		
96	92.4	9.4	179.4

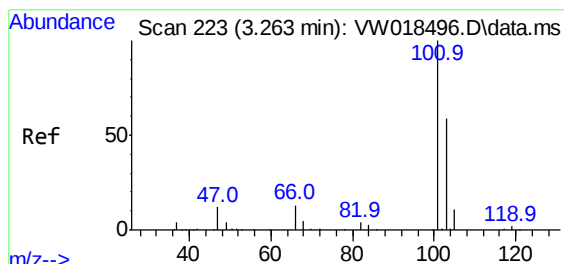
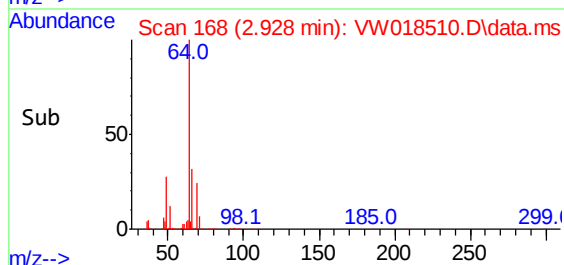
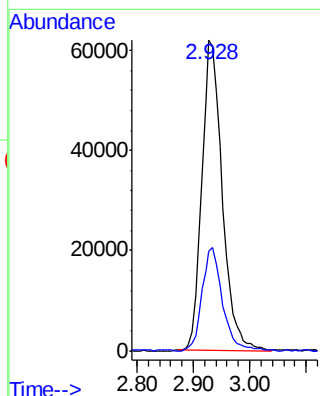
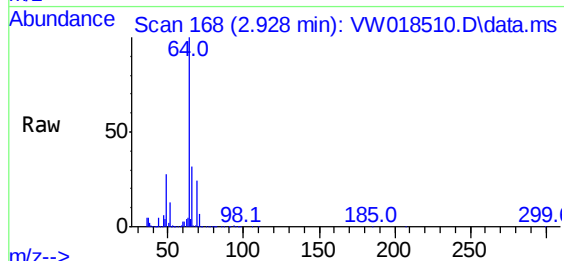




#8
Chloroethane
Concen: 27.02 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

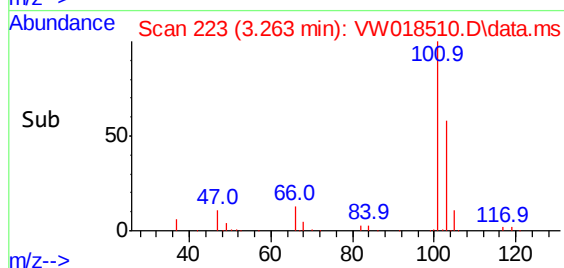
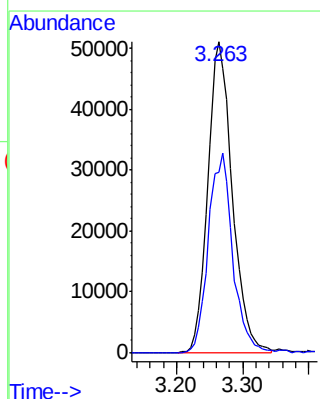
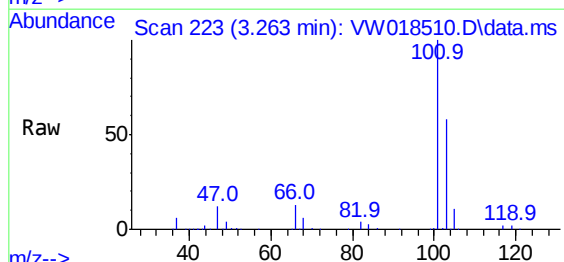
Instrument :
MSVOA_W
ClientSampled :
VSTD02522

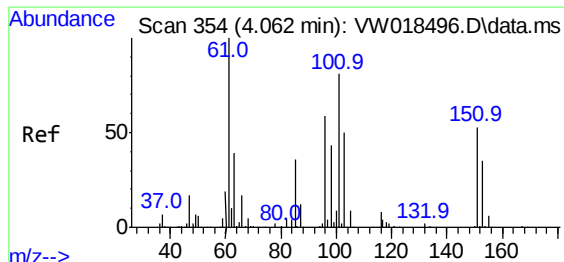
Tgt Ion: 64 Resp: 153870
Ion Ratio Lower Upper
64 100
66 31.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 28.43 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion:101 Resp: 130623
Ion Ratio Lower Upper
101 100
103 63.3 45.6 84.8



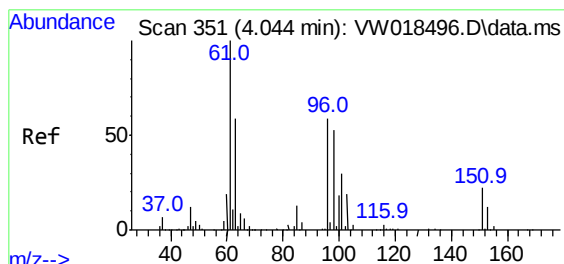
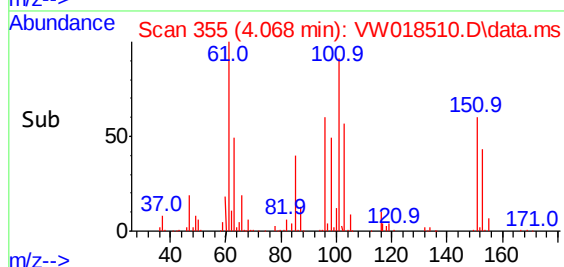
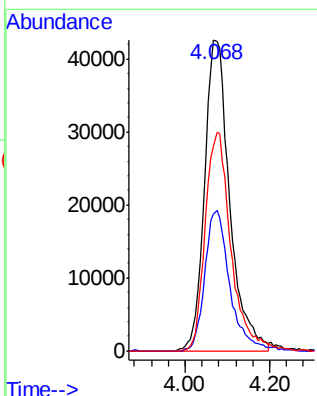
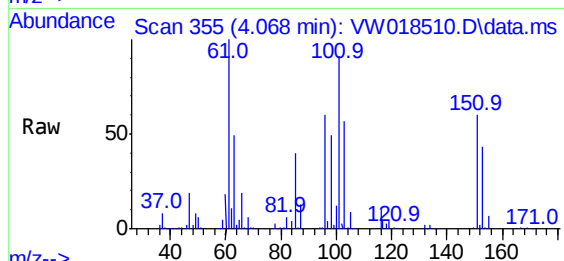


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.63 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW018510.D
 Acq: 31 Mar 2021 13:50

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 169149

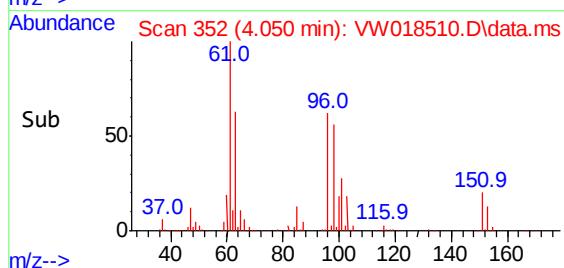
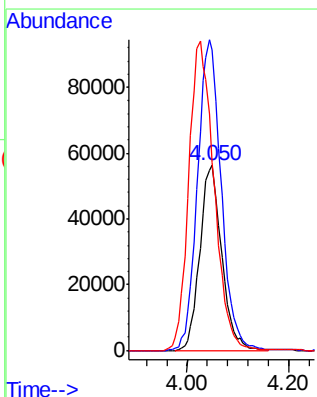
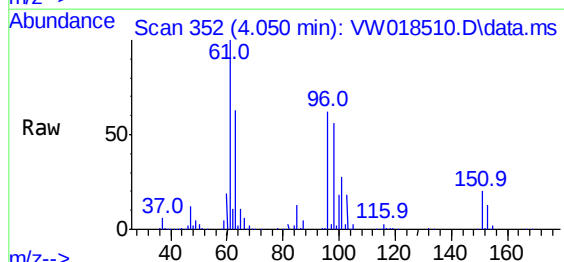
Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.6	53.4
151	71.9	58.1	87.1

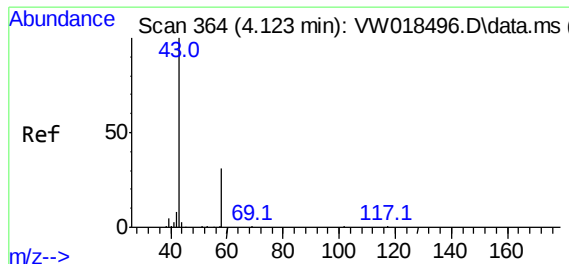


#12
 1,1-Dichloroethene
 Concen: 27.78 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018510.D
 Acq: 31 Mar 2021 13:50

Tgt Ion: 96 Resp: 167545

Ion	Ratio	Lower	Upper
96	100		
61	162.3	118.6	220.2
63	101.5	82.4	153.0

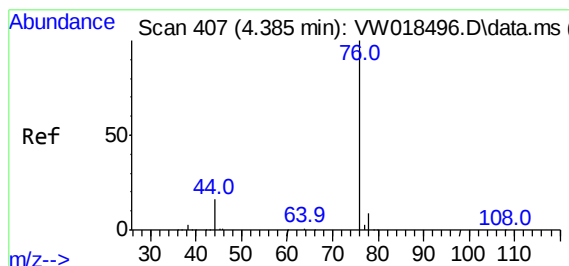
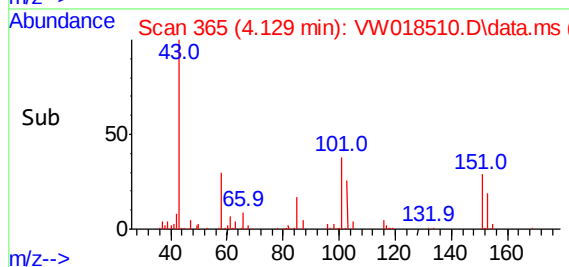
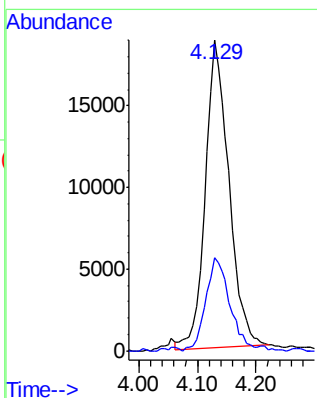
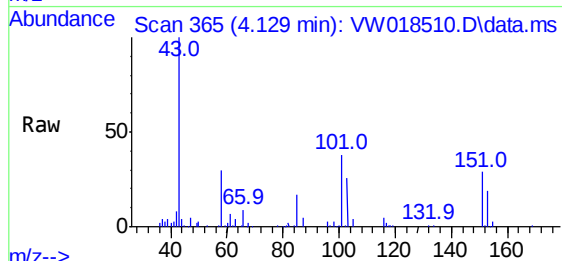




#13
Acetone
Concen: 48.78 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

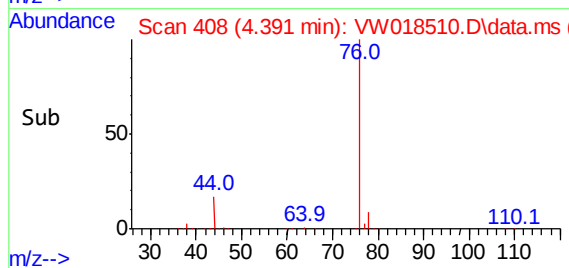
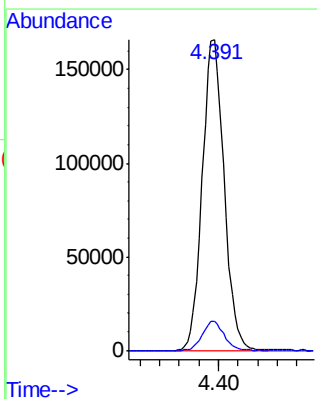
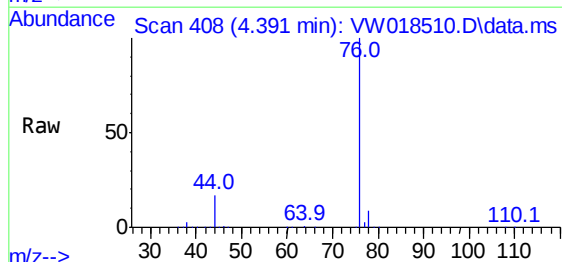
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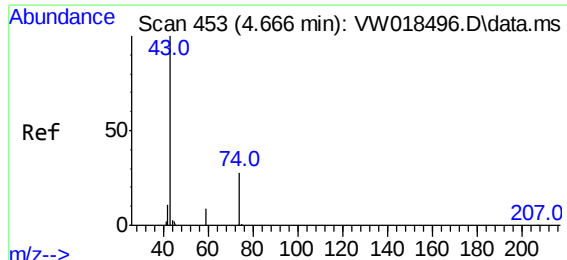
Tgt Ion: 43 Resp: 52154
Ion Ratio Lower Upper
43 100
58 30.9 0.0 62.2



#14
Carbon disulfide
Concen: 28.19 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 76 Resp: 511962
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

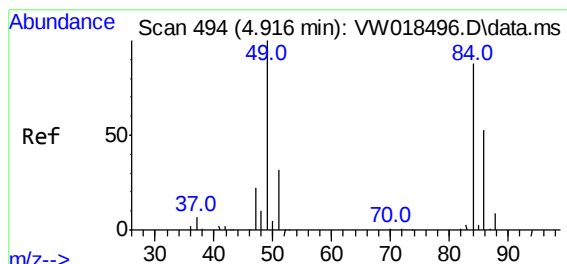
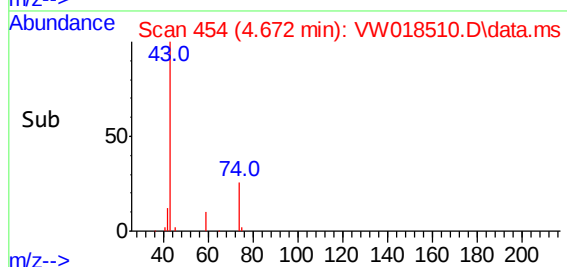
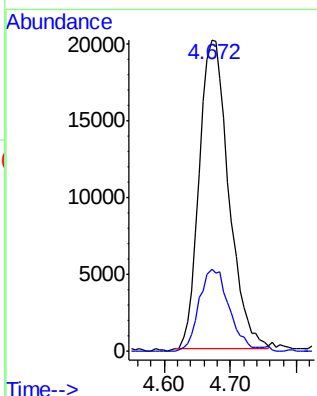
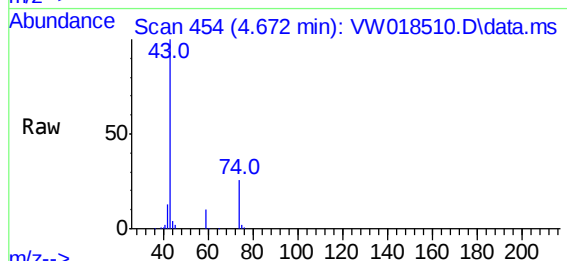




#15
Methyl Acetate
Concen: 25.43 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

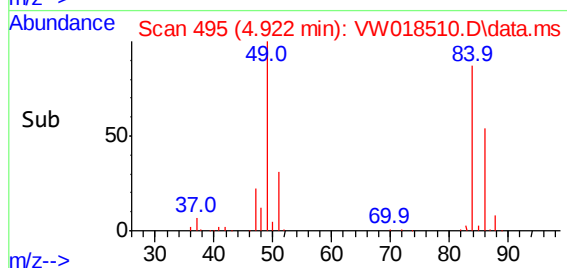
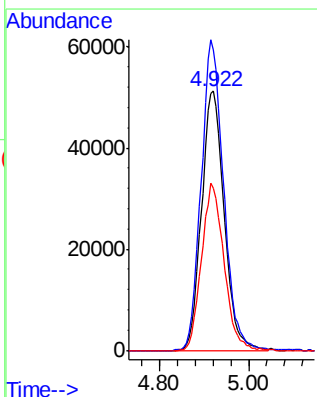
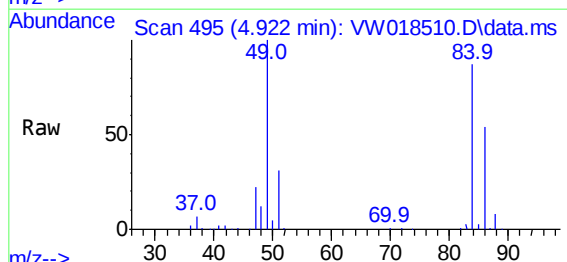
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

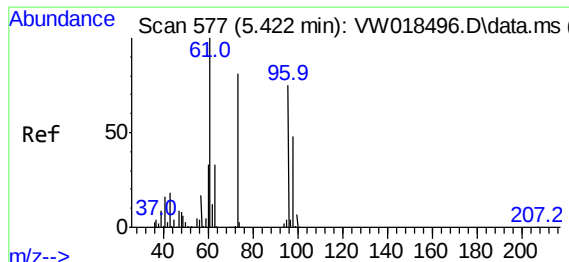
Tgt Ion: 43 Resp: 62172
Ion Ratio Lower Upper
43 100
74 26.5 22.9 34.3



#16
Methylene chloride
Concen: 22.69 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 84 Resp: 178820
Ion Ratio Lower Upper
84 100
49 115.6 74.4 138.2
86 62.5 46.1 85.7

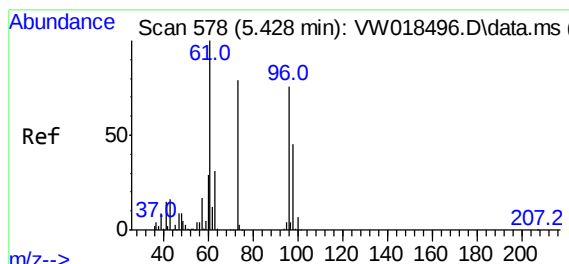
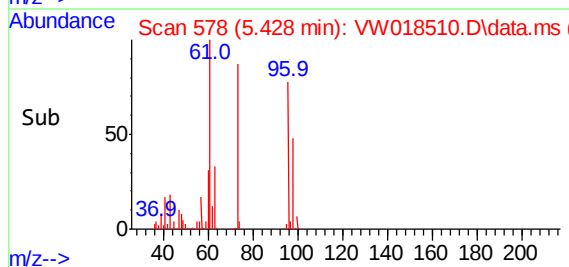
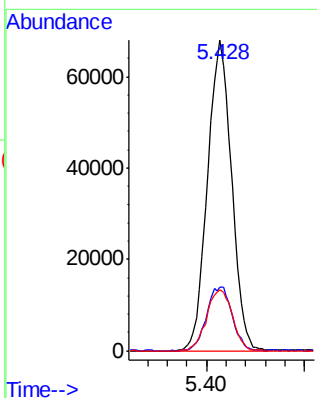
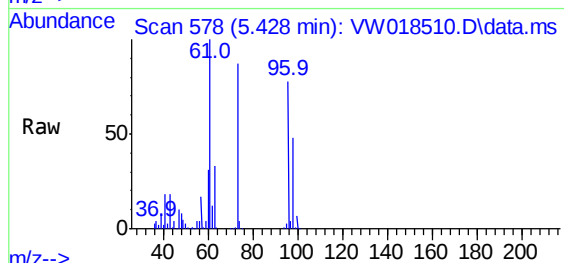




#17
Methyl tert-butyl Ether
Concen: 26.31 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

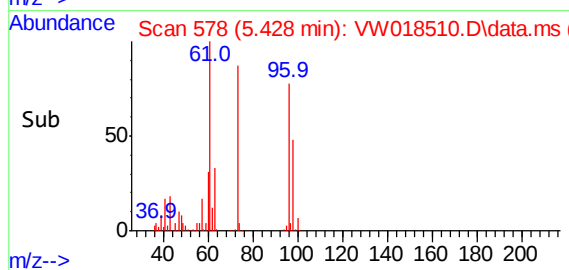
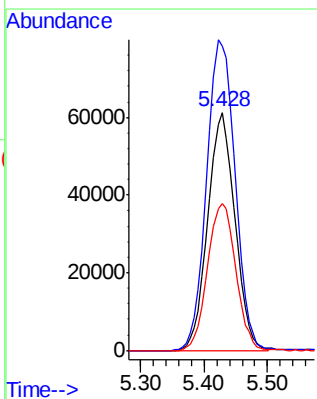
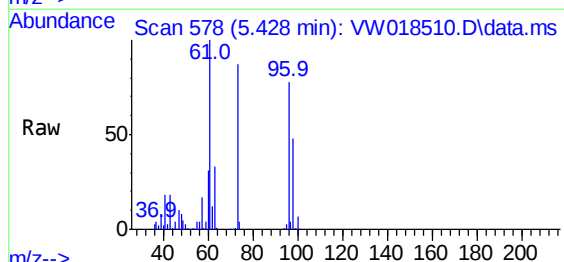
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

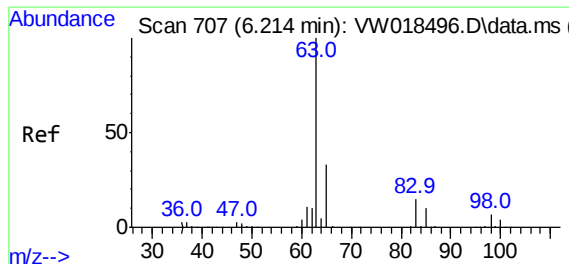
Tgt Ion: 73 Resp: 231817
Ion Ratio Lower Upper
73 100
43 21.7 16.6 24.8
57 20.9 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 26.60 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 96 Resp: 177080
Ion Ratio Lower Upper
96 100
61 127.8 93.3 173.3
98 61.5 45.2 84.0



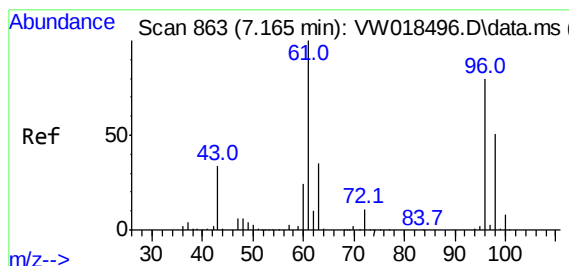
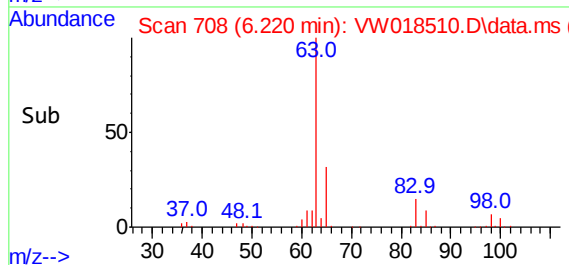
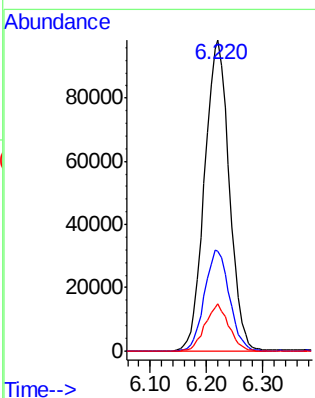
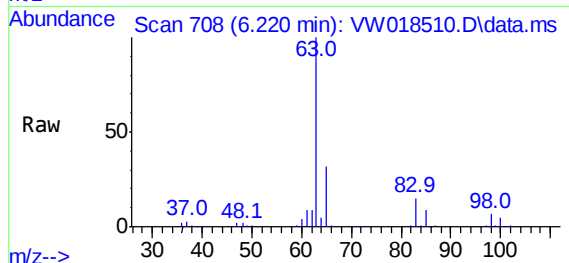


#19
 1,1-Dichloroethane
 Concen: 26.07 ug/L
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW018510.D
 Acq: 31 Mar 2021 13:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Tgt Ion: 63 Resp: 296151

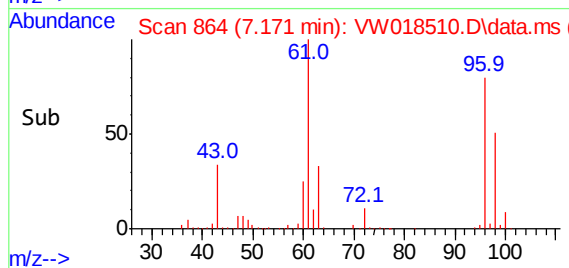
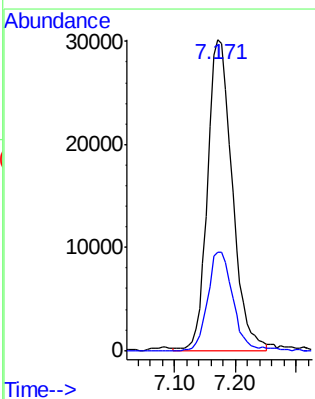
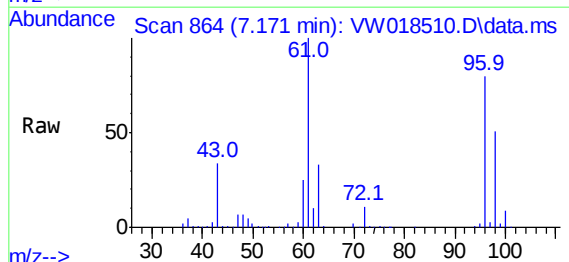
Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.5	43.7
83	15.0	10.3	19.1

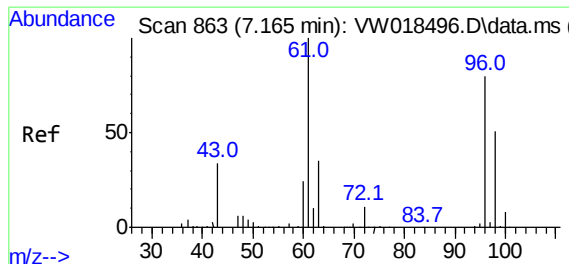


#21
 2-Butanone
 Concen: 49.41 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018510.D
 Acq: 31 Mar 2021 13:50

Tgt Ion: 43 Resp: 83921

Ion	Ratio	Lower	Upper
43	100		
72	31.6	16.5	49.5



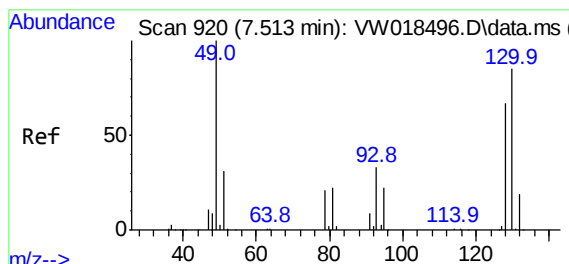
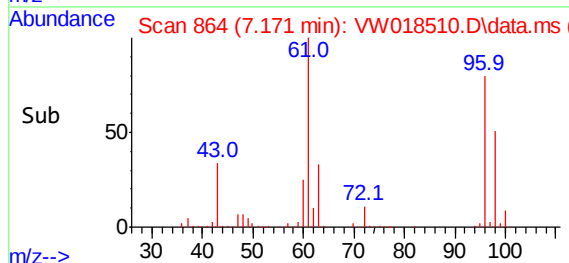
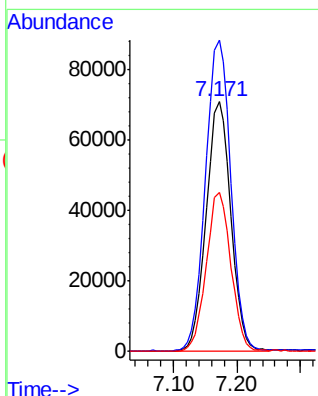
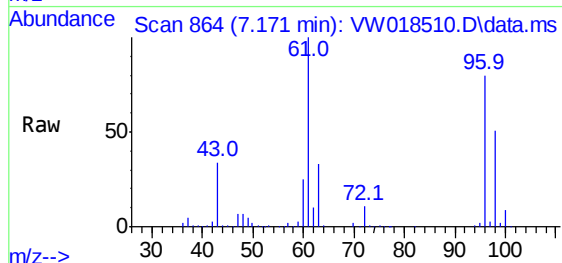


#22
cis-1,2-Dichloroethene
Concen: 26.22 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 96 Resp: 183612

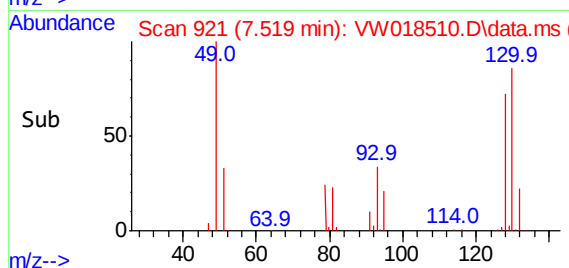
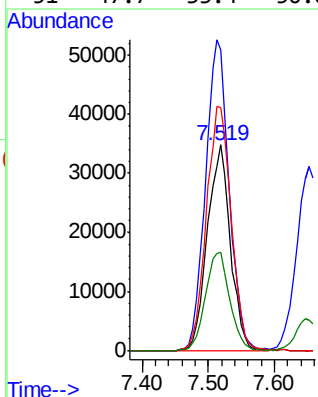
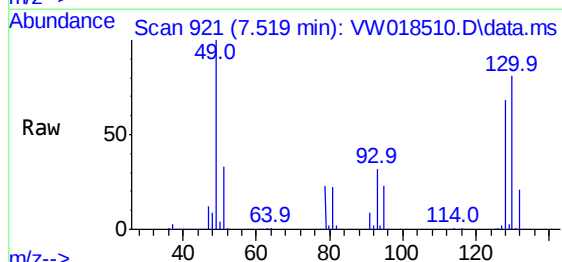
Ion	Ratio	Lower	Upper
96	100		
61	124.7	84.8	157.6
98	63.7	45.1	83.9

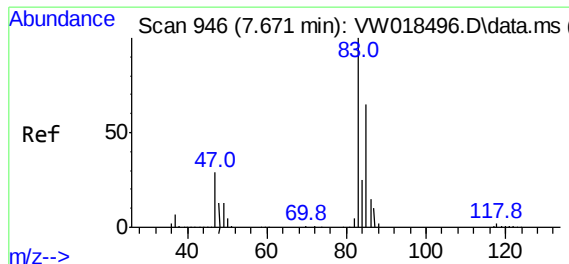


#23
Bromochloromethane
Concen: 27.01 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 128 Resp: 83698

Ion	Ratio	Lower	Upper
128	100		
49	146.3	92.4	171.6
130	118.5	83.9	155.7
51	47.7	33.4	50.0

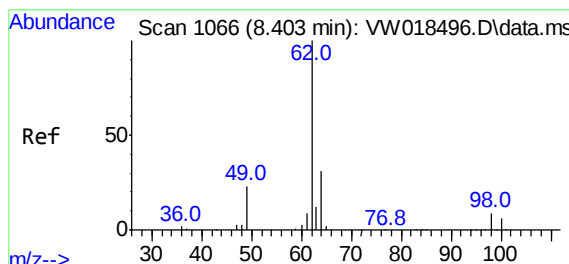
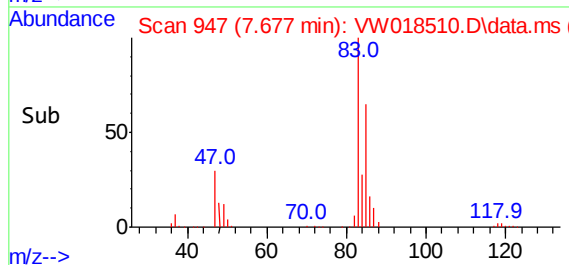
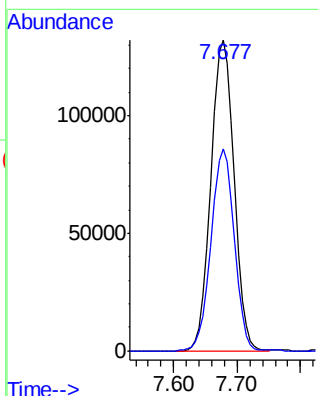
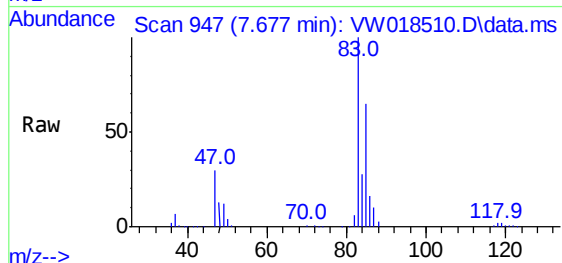




#25
Chloroform
Concen: 26.86 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

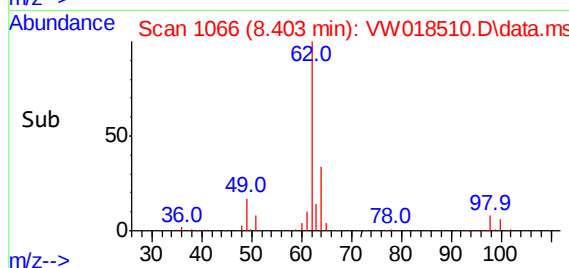
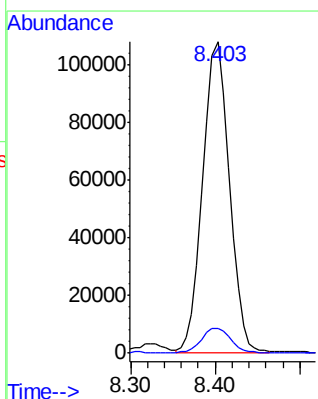
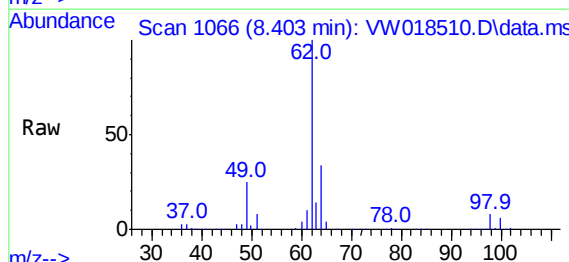
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

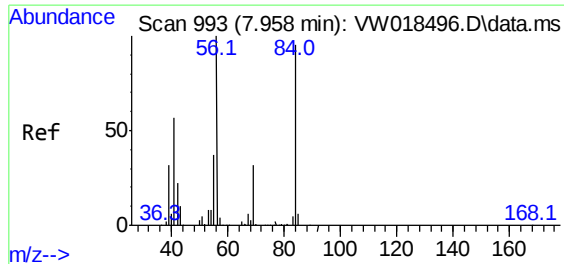
Tgt Ion: 83 Resp: 323776
Ion Ratio Lower Upper
83 100
85 65.2 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.83 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 62 Resp: 229465
Ion Ratio Lower Upper
62 100
98 7.6 6.4 9.6



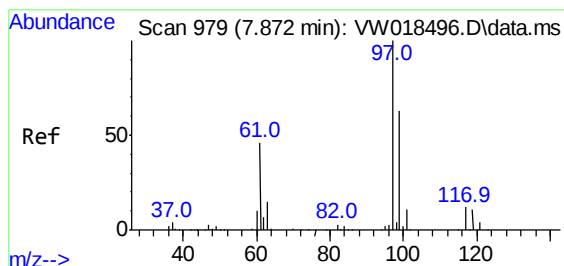
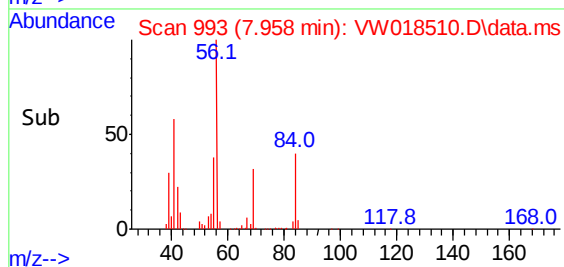
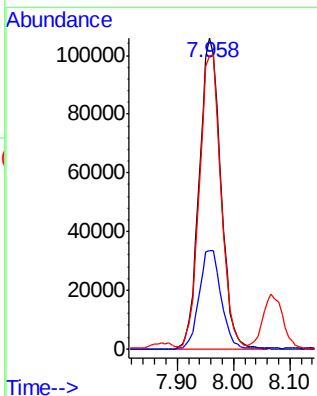
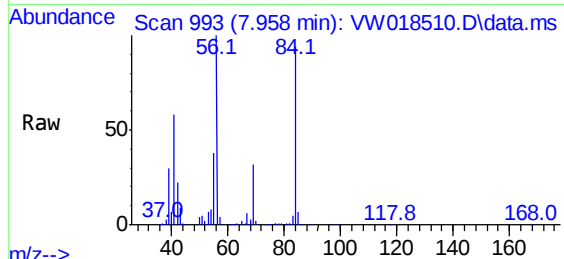


#30
Cyclohexane
Concen: 25.97 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 56 Resp: 277092

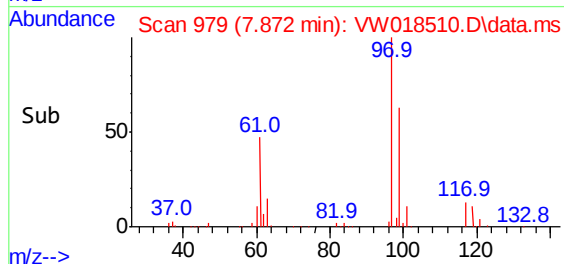
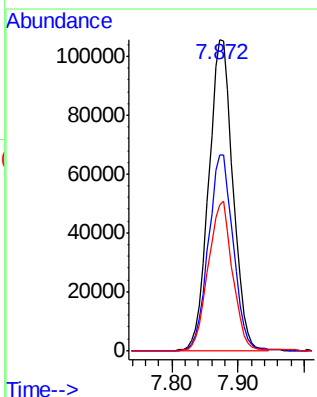
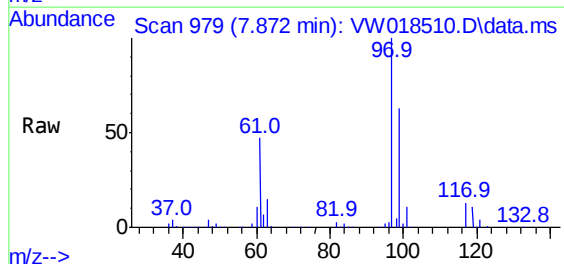
Ion	Ratio	Lower	Upper
56	100		
69	32.2	27.0	40.6
84	95.6	79.9	119.9

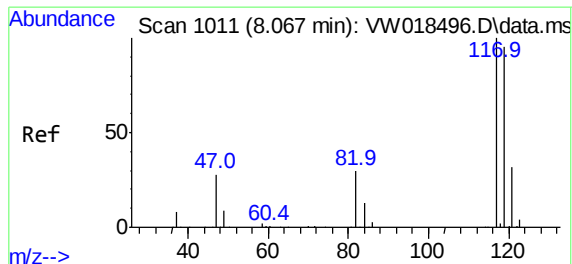


#31
1,1,1-Trichloroethane
Concen: 26.53 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 97 Resp: 266526

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	48.0	34.8	52.2

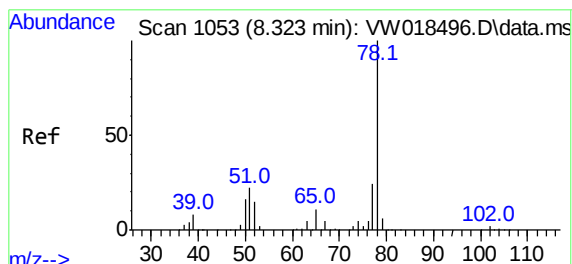
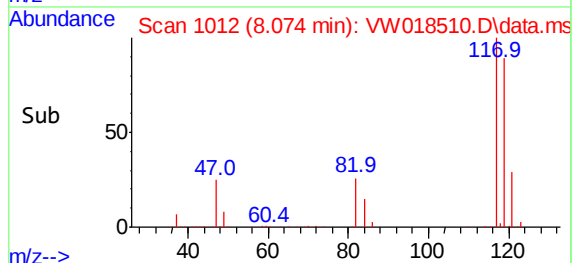
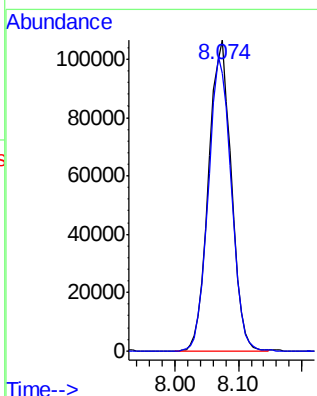
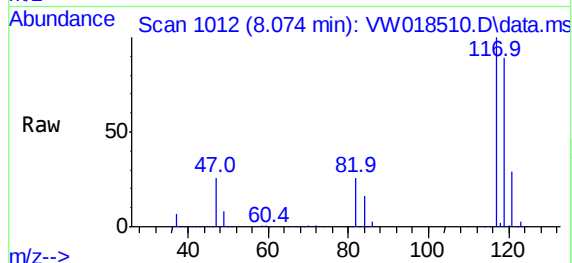




#32
Carbon tetrachloride
Concen: 27.29 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

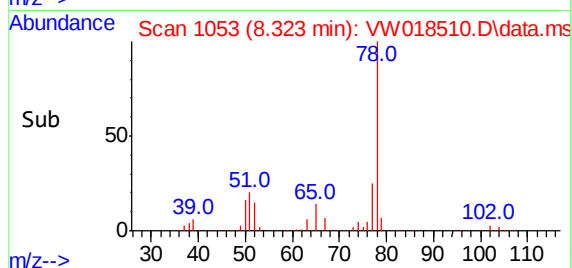
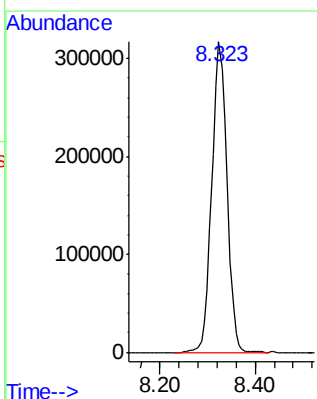
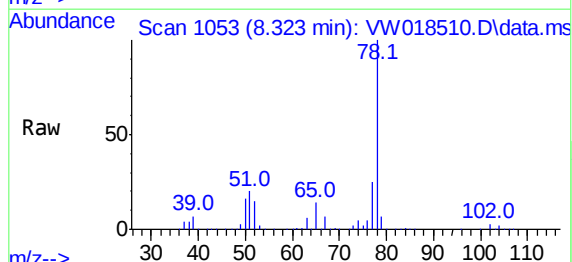
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

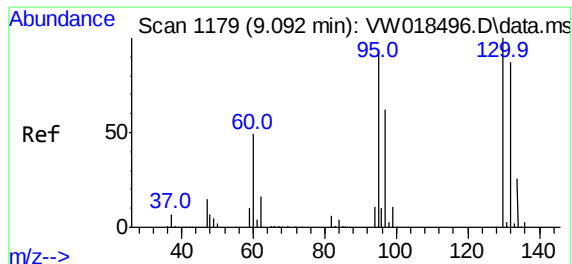
Tgt Ion:117 Resp: 255443
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1



#34
Benzene
Concen: 26.83 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 78 Resp: 698404



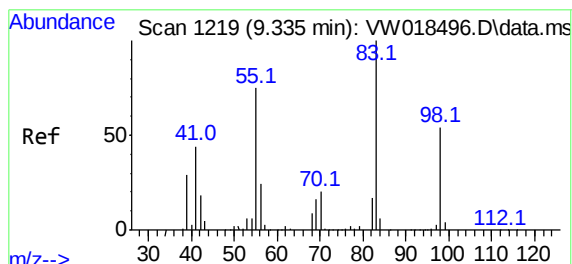
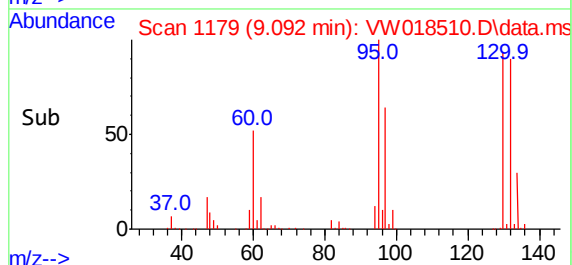
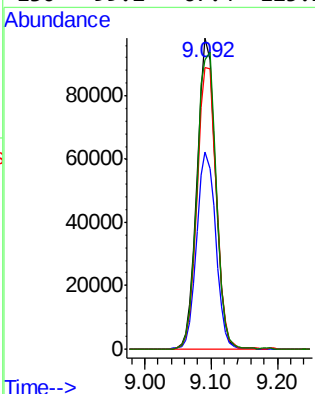
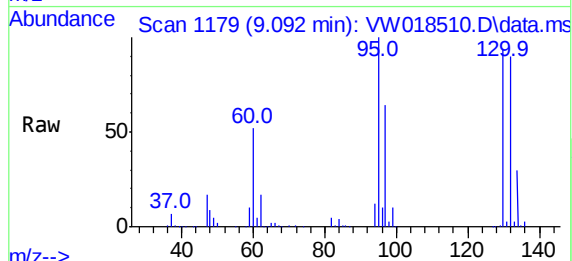


#35
Trichloroethene
Concen: 26.19 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 95 Resp: 188328

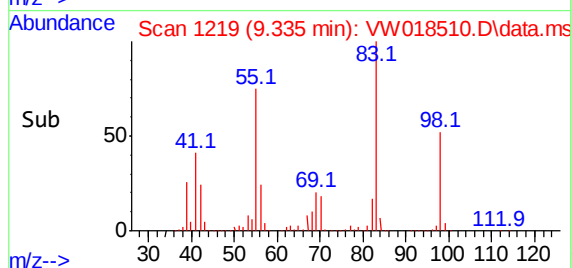
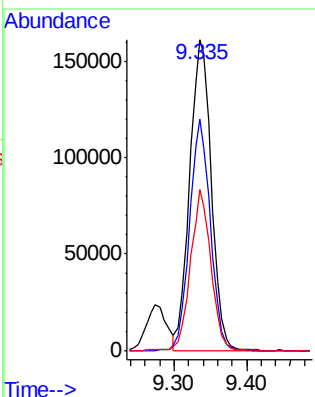
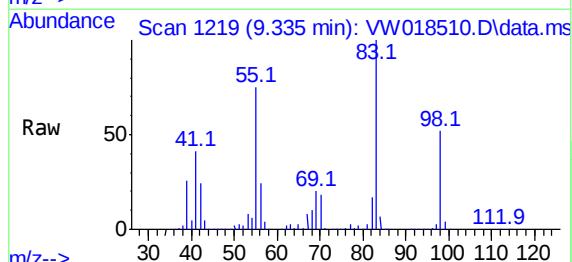
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.4	82.4
132	94.2	65.9	122.5
130	99.2	67.4	125.2

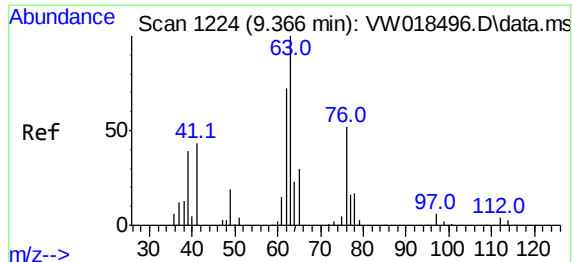


#36
Methylcyclohexane
Concen: 26.61 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 83 Resp: 335092

Ion	Ratio	Lower	Upper
83	100		
55	71.0	56.8	85.2
98	48.5	40.6	61.0

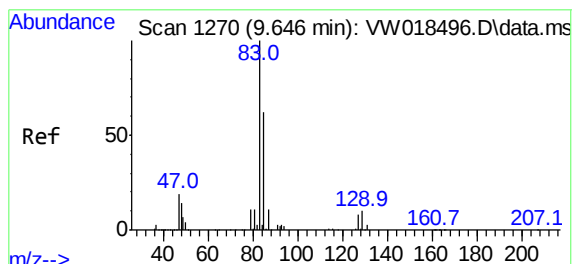
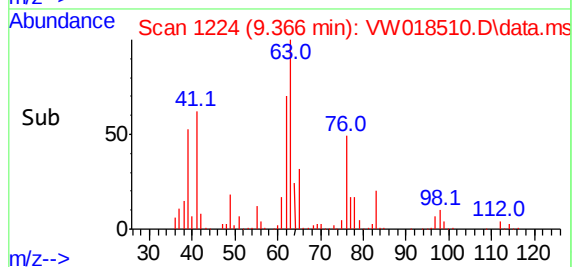
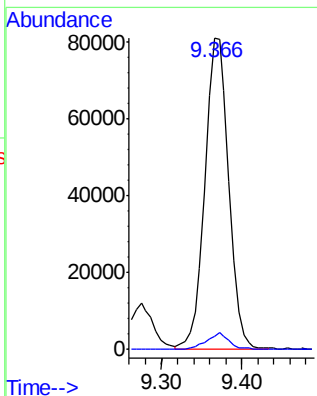
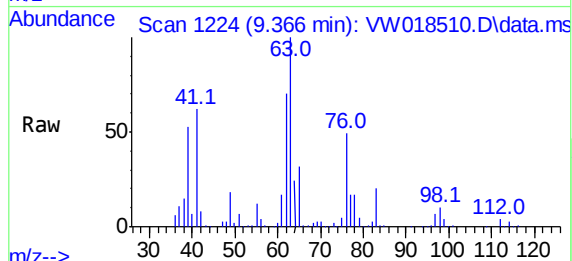




#40
1,2-Dichloropropane
Concen: 26.14 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

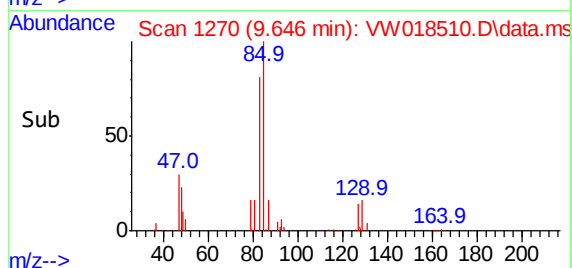
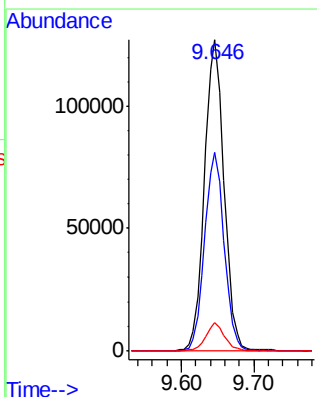
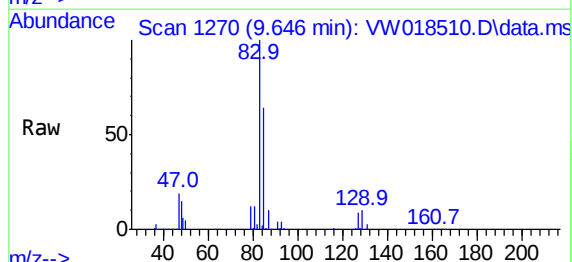
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

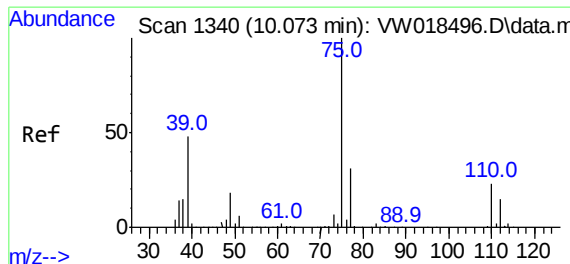
Tgt Ion: 63 Resp: 166443
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 26.24 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 83 Resp: 236177
Ion Ratio Lower Upper
83 100
85 63.8 43.8 81.4
127 8.8 6.9 10.3

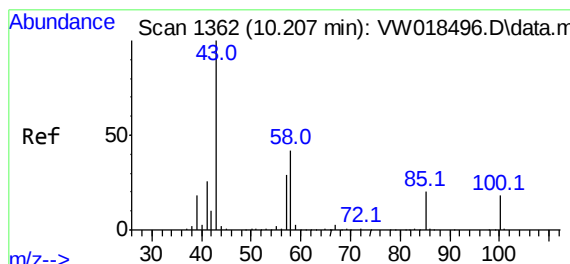
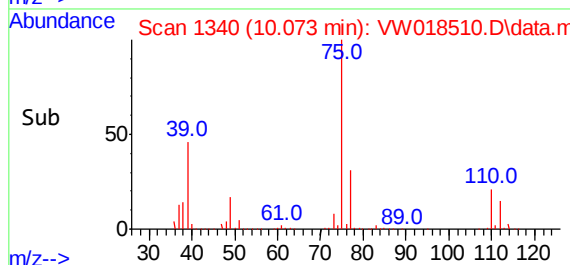
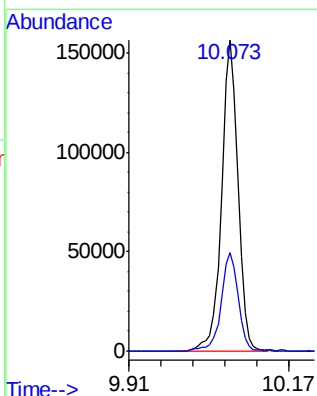
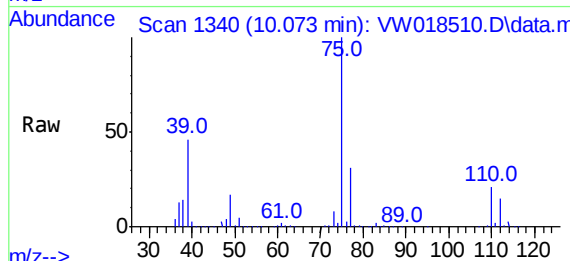




#42
cis-1,3-Dichloropropene
Concen: 25.75 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

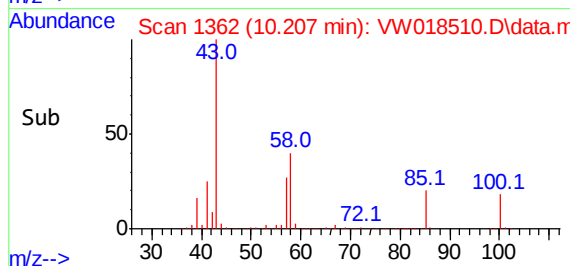
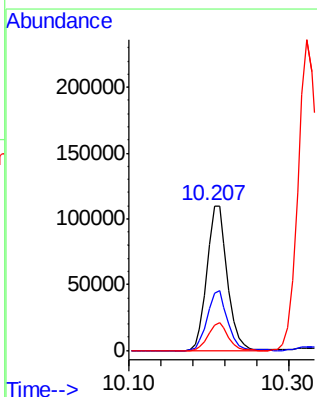
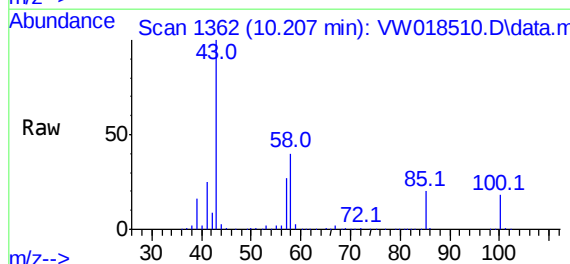
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

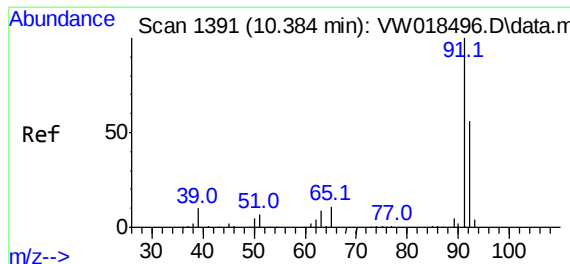
Tgt Ion: 75 Resp: 277295
Ion Ratio Lower Upper
75 100
77 31.4 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 50.73 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 43 Resp: 194248
Ion Ratio Lower Upper
43 100
58 41.1 34.8 52.2
100 18.6 15.9 23.9





#44

Toluene

Concen: 27.32 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018510.D

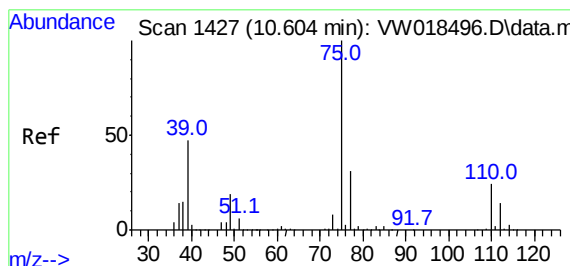
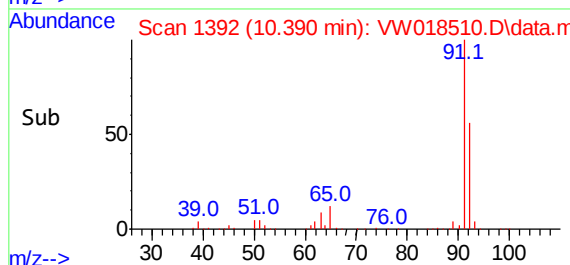
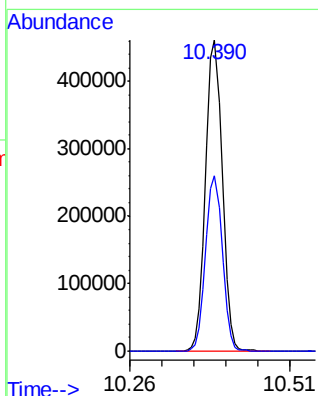
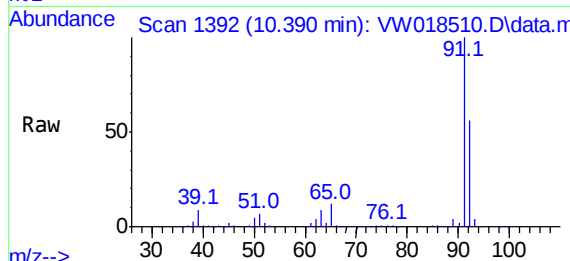
Acq: 31 Mar 2021 13:50

Tgt Ion: 91 Resp: 808349

Ion Ratio Lower Upper

91 100

92 56.1 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 26.24 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW018510.D

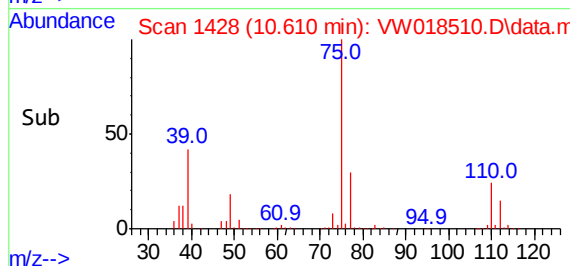
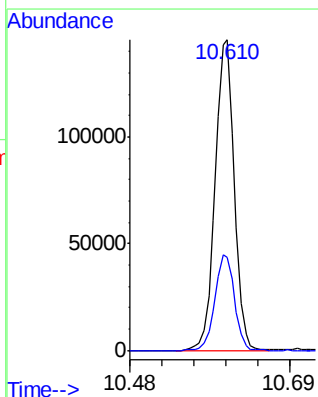
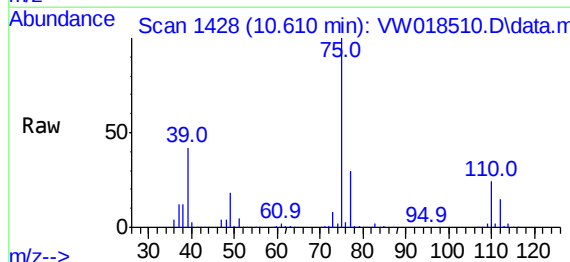
Acq: 31 Mar 2021 13:50

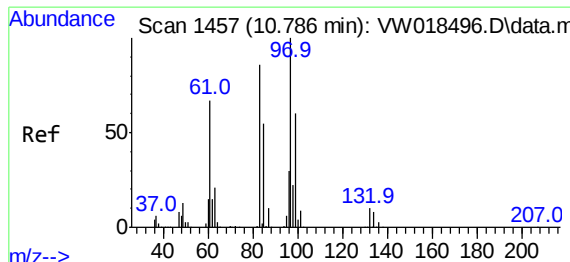
Tgt Ion: 75 Resp: 253729

Ion Ratio Lower Upper

75 100

77 30.0 22.6 42.0



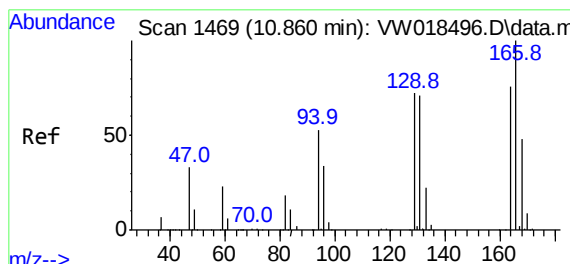
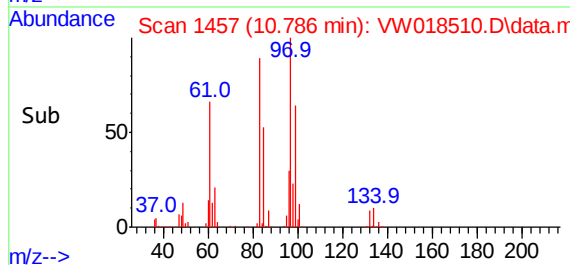
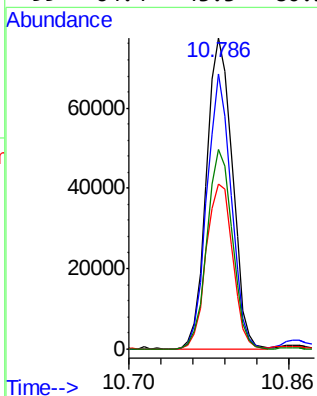
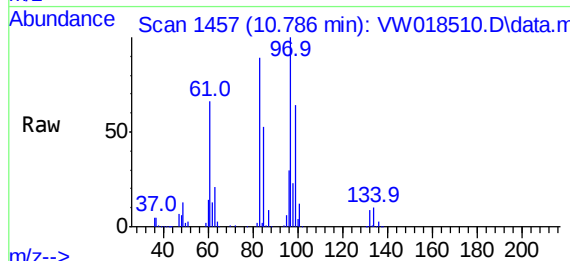


#46
1,1,2-Trichloroethane
Concen: 26.87 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 97 Resp: 136417

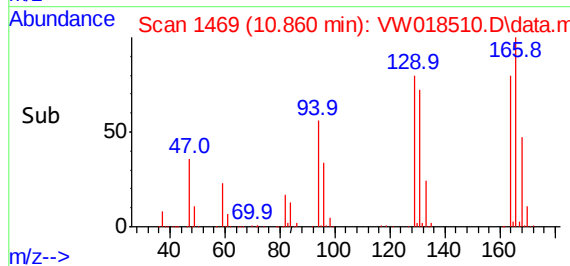
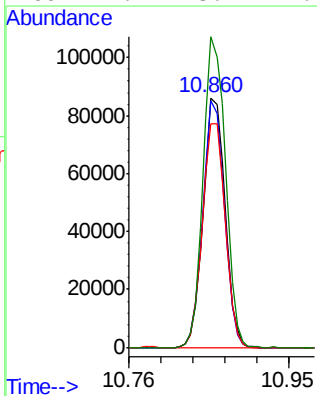
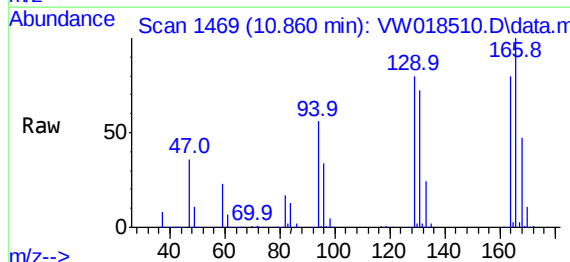
Ion	Ratio	Lower	Upper
97	100		
83	88.7	58.9	109.5
85	53.0	38.4	71.4
99	64.4	43.3	80.3

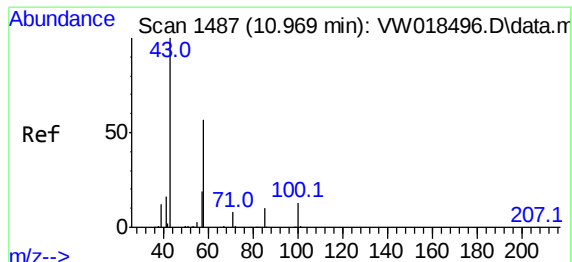


#47
Tetrachloroethene
Concen: 27.14 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 164 Resp: 148229

Ion	Ratio	Lower	Upper
164	100		
129	99.0	68.8	127.8
131	89.7	68.3	126.8
166	124.4	95.4	177.2



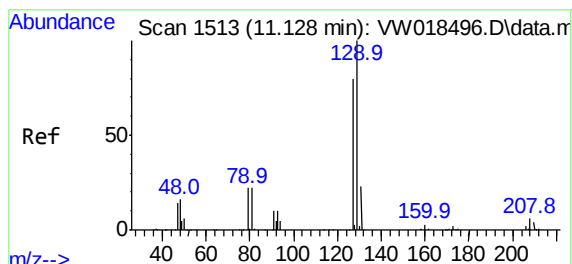
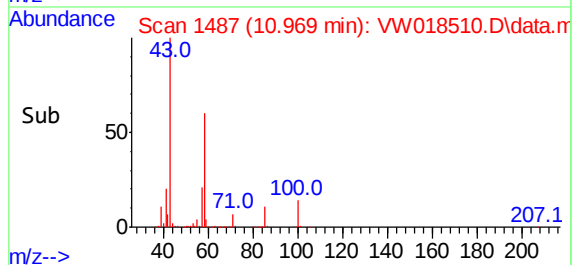
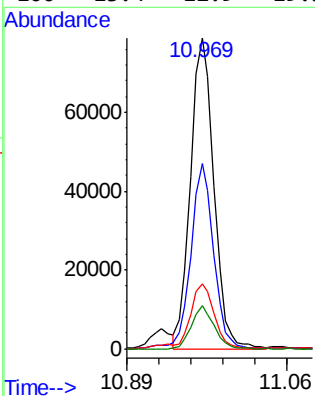
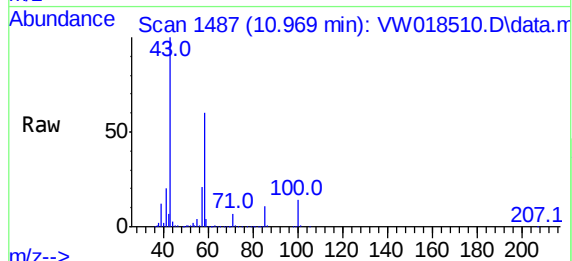


#49
2-Hexanone
Concen: 49.24 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 43 Resp: 133437

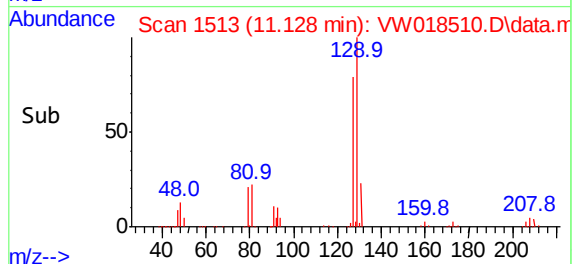
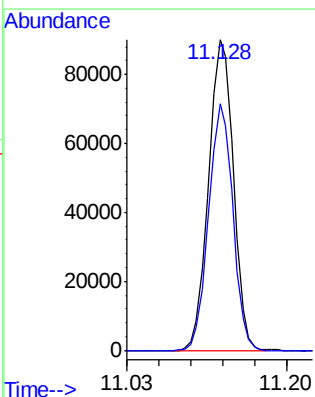
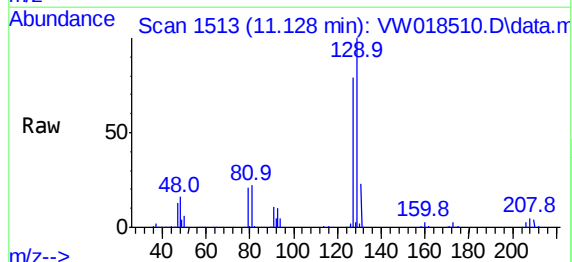
Ion	Ratio	Lower	Upper
43	100		
58	58.6	47.3	70.9
57	21.0	17.3	25.9
100	13.4	12.9	19.3

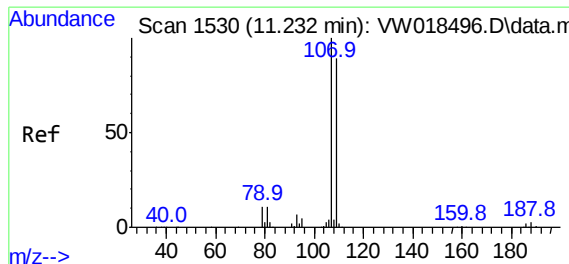


#50
Dibromochloromethane
Concen: 26.89 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 129 Resp: 160959

Ion	Ratio	Lower	Upper
129	100		
127	79.5	58.0	107.6

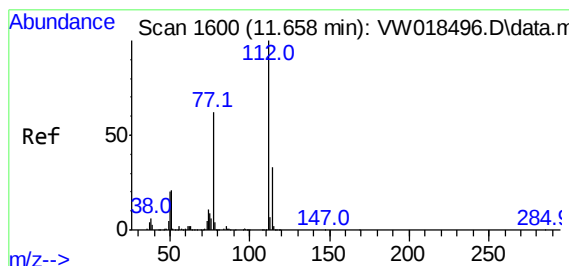
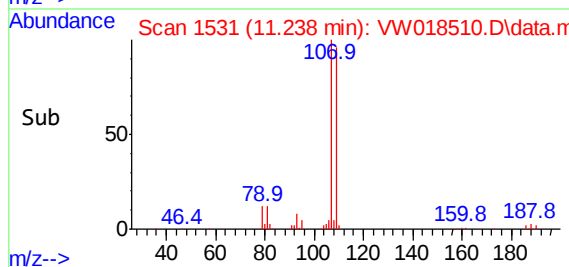
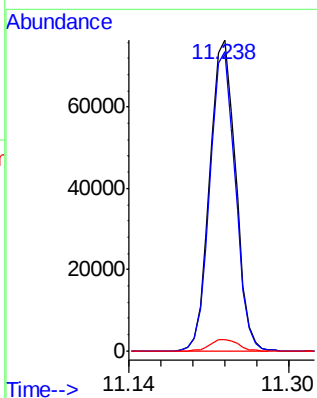
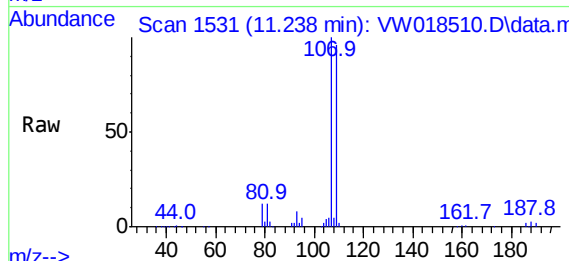




#51
1,2-Dibromoethane
Concen: 26.75 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

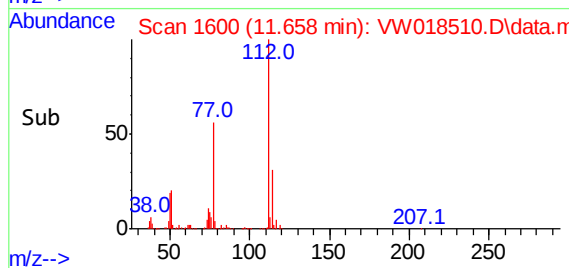
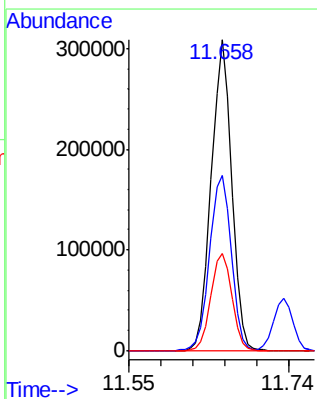
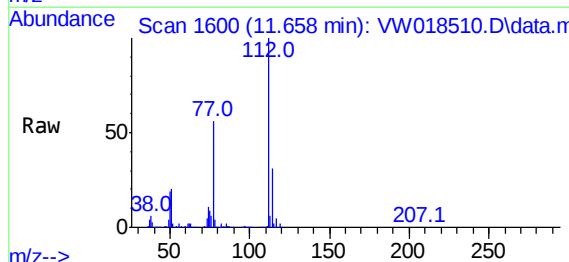
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

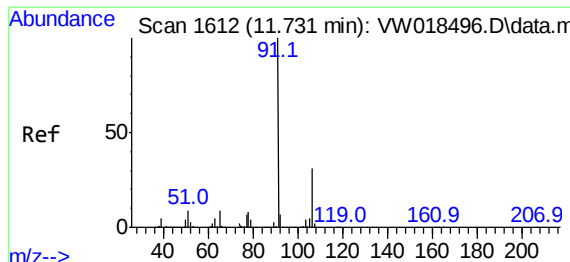
Tgt Ion:107 Resp: 134521
Ion Ratio Lower Upper
107 100
109 96.2 65.9 122.5
188 3.4 3.0 4.4



#52
Chlorobenzene
Concen: 26.70 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion:112 Resp: 500998
Ion Ratio Lower Upper
112 100
77 56.2 45.4 68.2
114 31.1 22.5 41.9

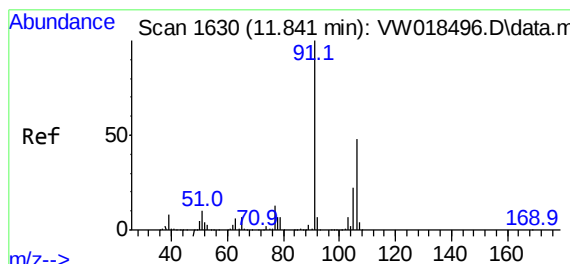
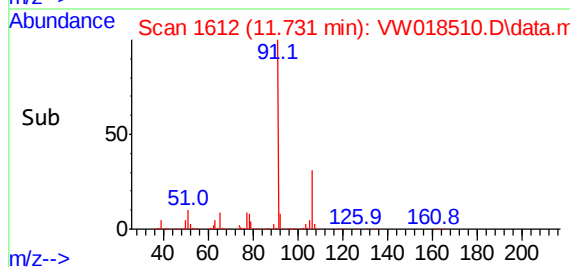
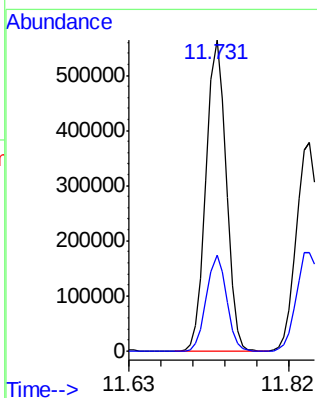
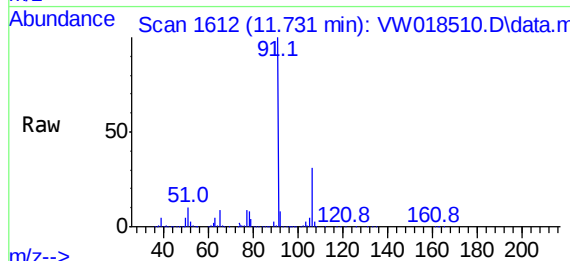




#53
Ethylbenzene
Concen: 27.00 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

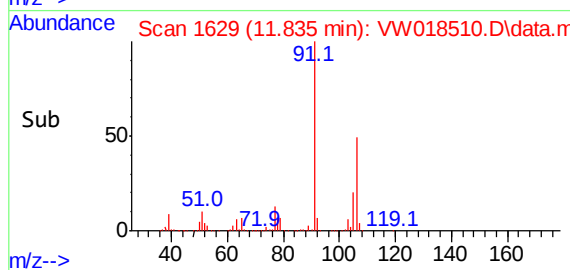
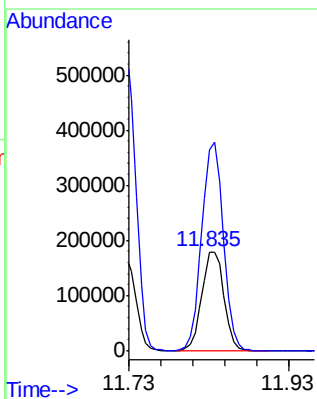
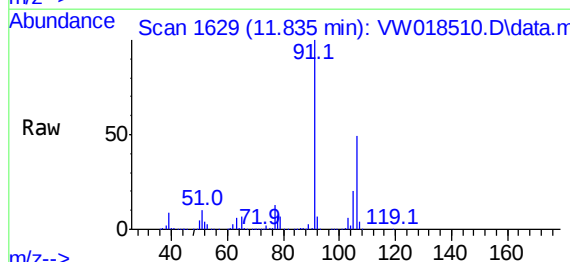
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

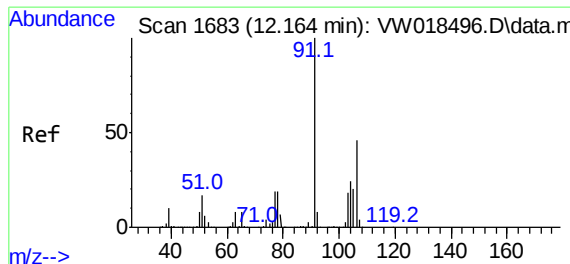
Tgt Ion: 91 Resp: 900827
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#54
m,p-Xylene
Concen: 26.88 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 106 Resp: 342756
Ion Ratio Lower Upper
106 100
91 203.5 145.3 269.8

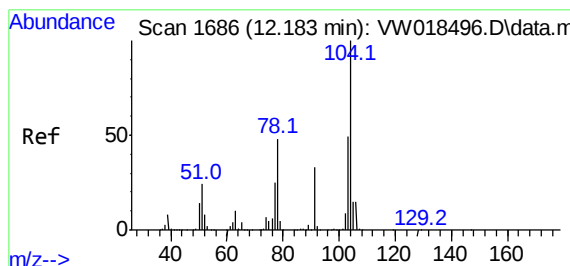
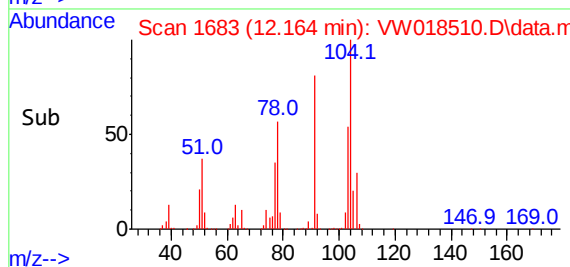
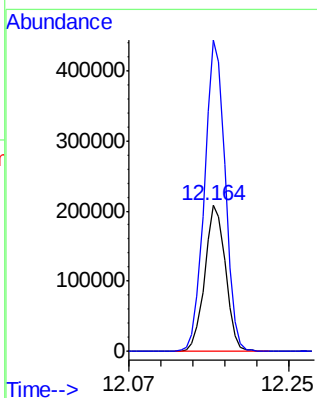
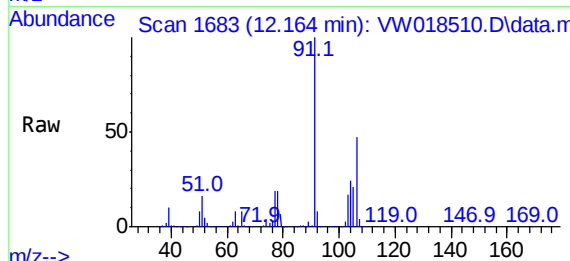




#55
o-xylene
Concen: 27.40 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

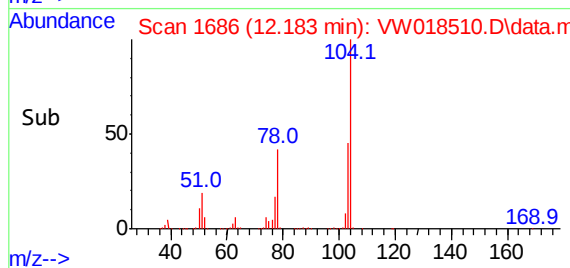
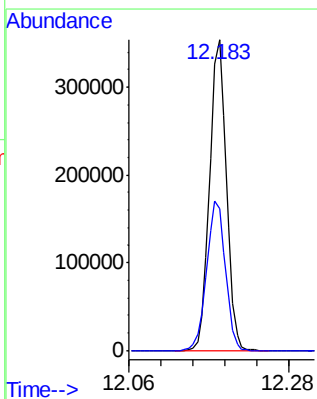
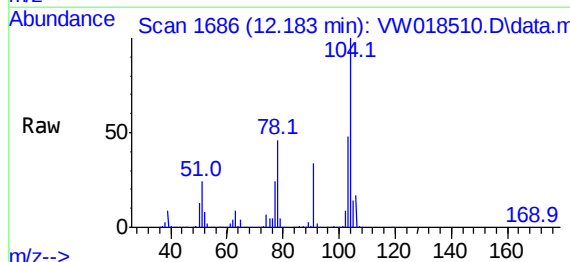
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

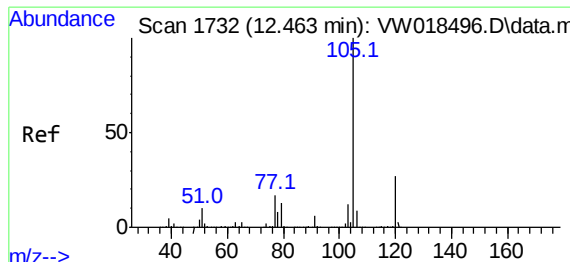
Tgt Ion:106 Resp: 333016
Ion Ratio Lower Upper
106 100
91 213.5 154.3 286.5



#56
Styrene
Concen: 27.29 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion:104 Resp: 565702
Ion Ratio Lower Upper
104 100
78 45.6 34.7 64.5

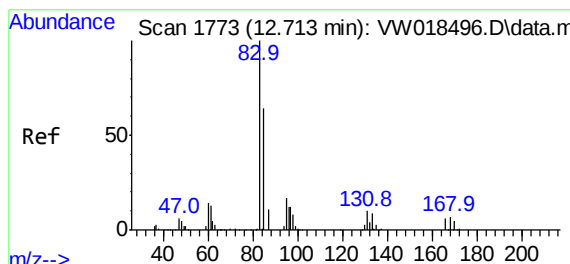
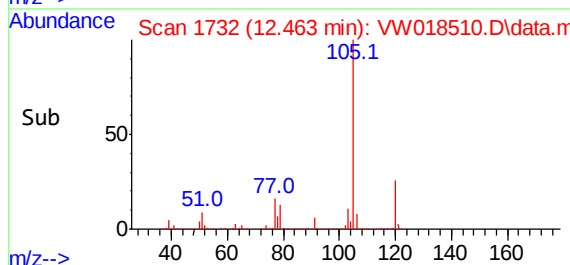
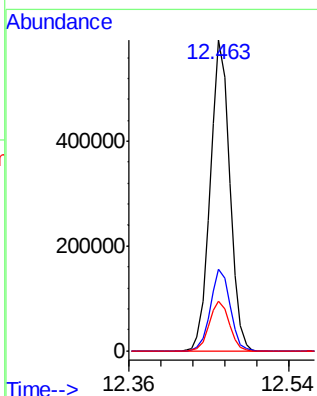
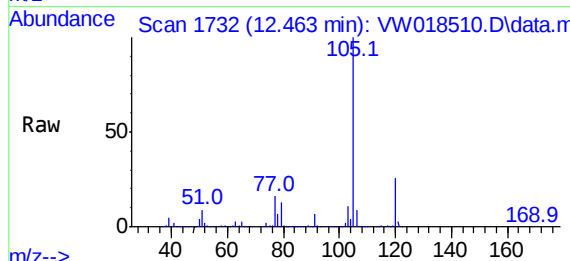




#57
Isopropylbenzene
Concen: 27.10 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

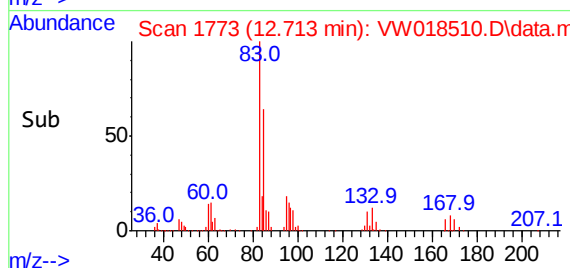
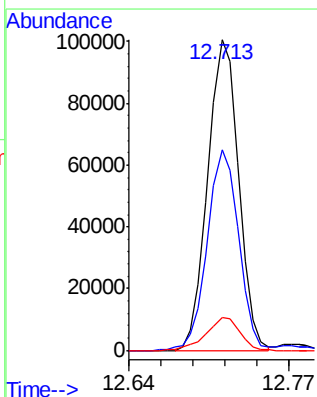
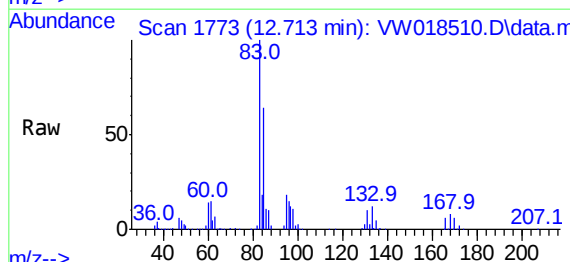
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

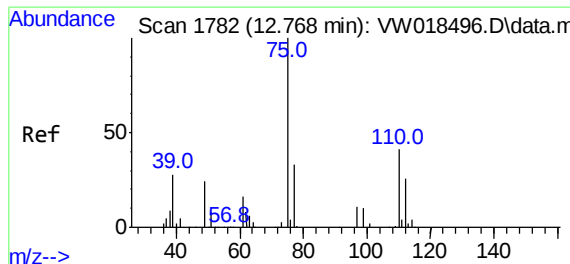
Tgt Ion:105 Resp: 895947
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.3 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 27.13 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 83 Resp: 166721
Ion Ratio Lower Upper
83 100
85 64.5 49.0 91.0
131 10.4 8.7 13.1

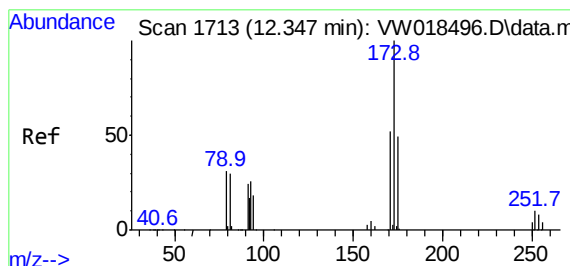
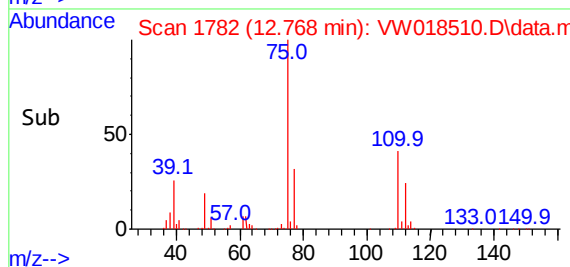
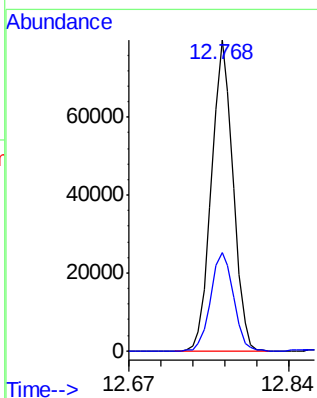
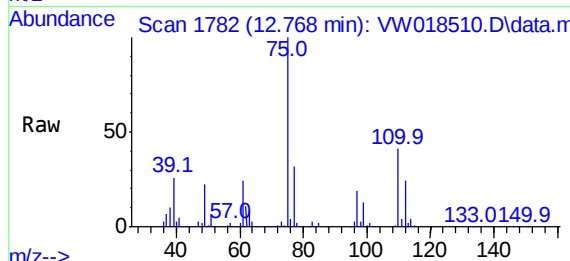




#59
1,2,3-Trichloropropane
Concen: 26.63 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

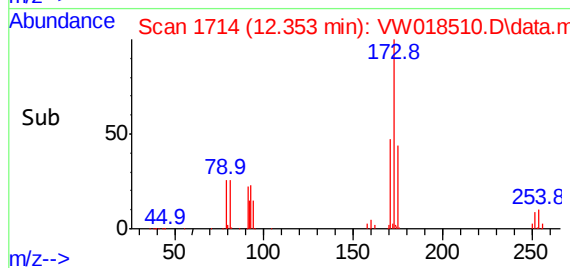
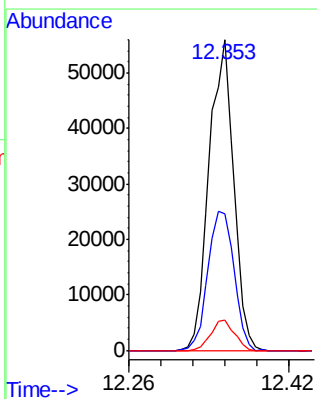
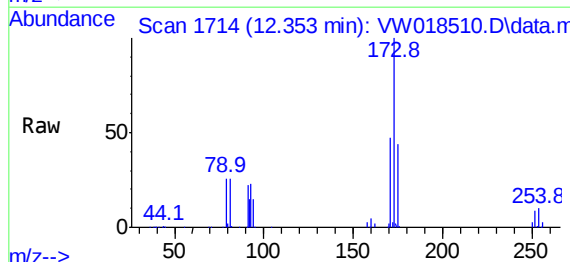
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

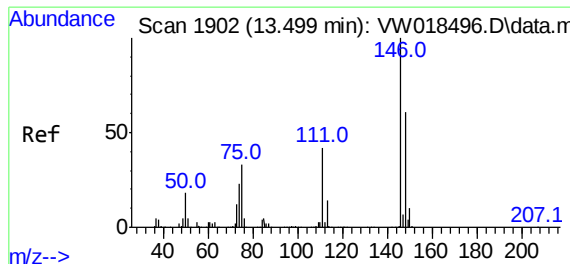
Tgt Ion: 75 Resp: 123535
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4



#62
Bromoform
Concen: 25.41 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 173 Resp: 93540
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.2
254 9.3 6.0 9.0#

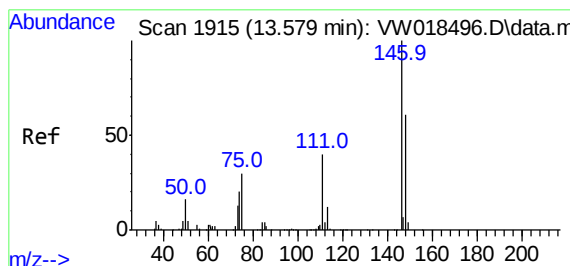
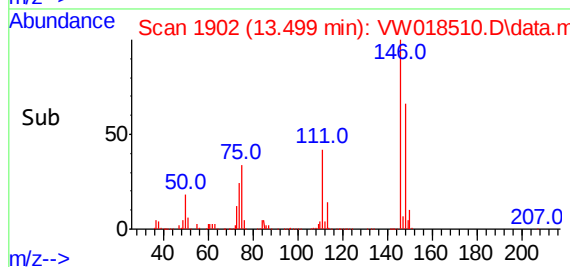
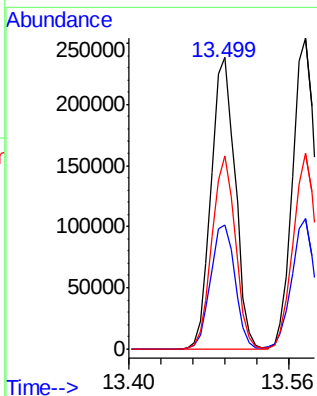
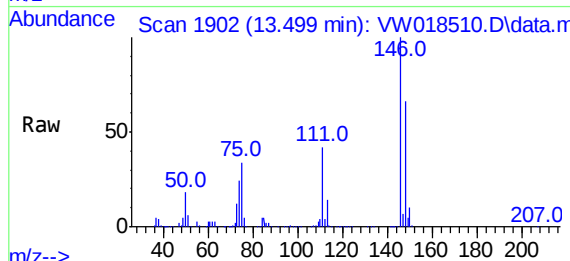




#63
1,3-Dichlorobenzene
Concen: 25.31 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

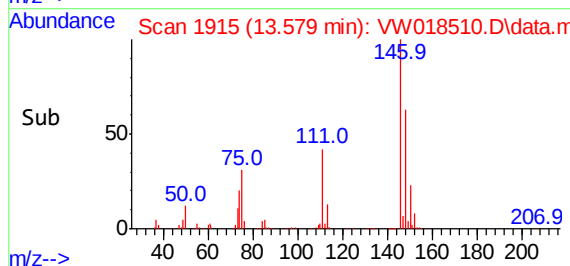
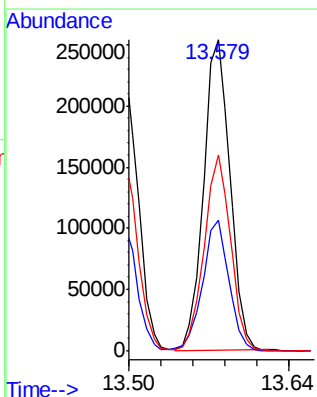
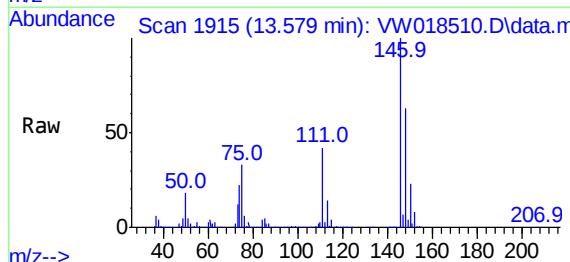
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

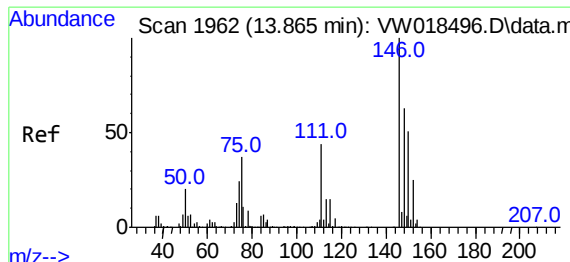
Tgt Ion:146 Resp: 388918
Ion Ratio Lower Upper
146 100
111 42.4 27.5 51.1
148 66.3 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.77 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion:146 Resp: 399546
Ion Ratio Lower Upper
146 100
111 42.1 28.3 52.5
148 62.8 47.3 87.9

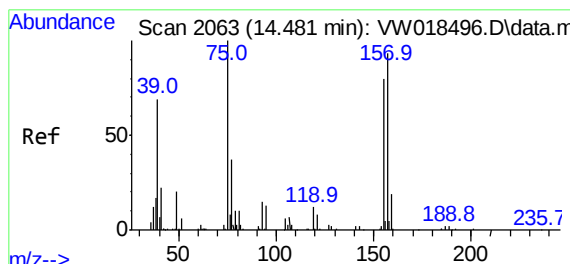
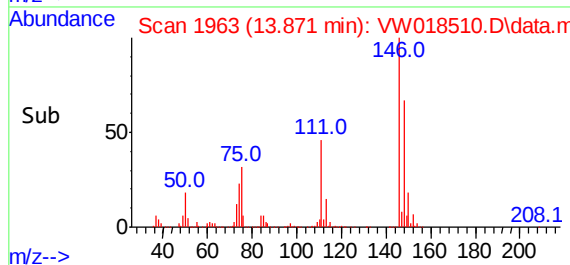
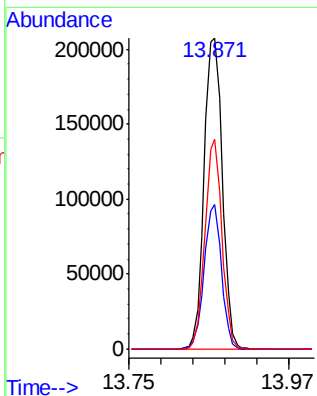
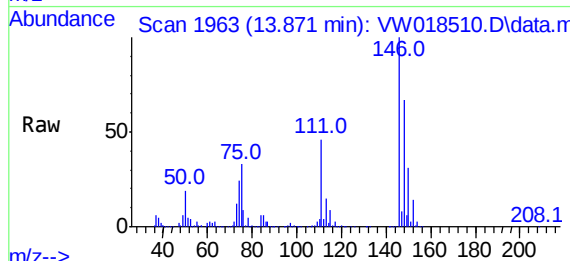




#65
1,2-Dichlorobenzene
Concen: 26.18 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

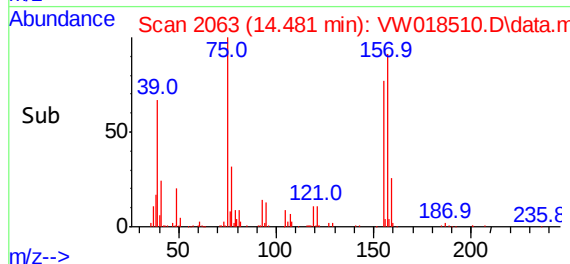
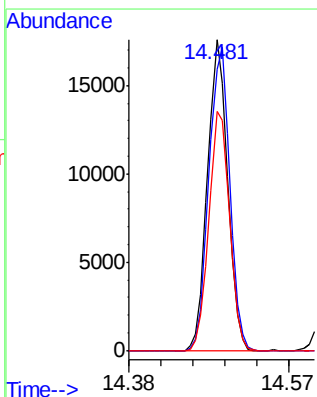
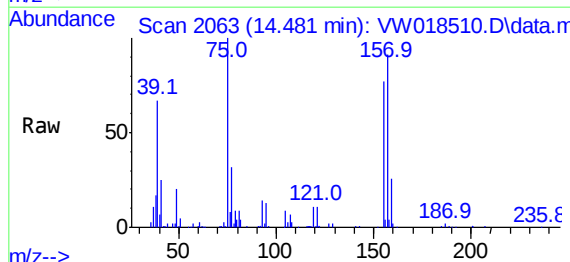
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

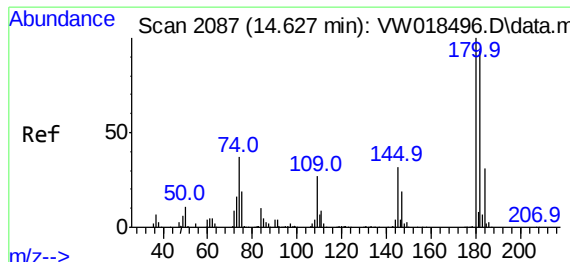
Tgt Ion:146 Resp: 359504
Ion Ratio Lower Upper
146 100
111 46.3 36.0 54.0
148 67.5 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 22.50 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion: 75 Resp: 27927
Ion Ratio Lower Upper
75 100
157 90.7 65.2 97.8
155 76.8 60.1 90.1

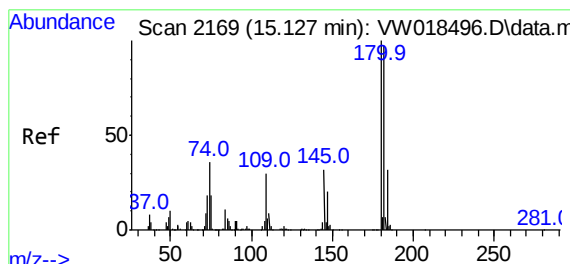
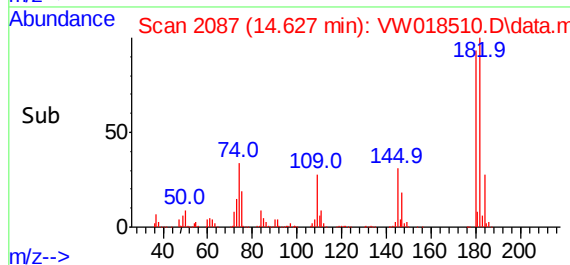
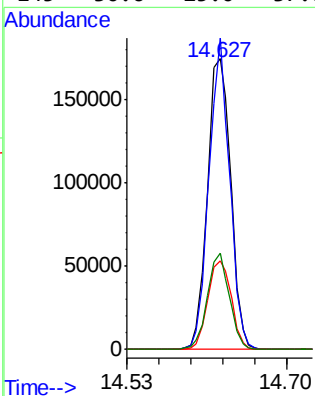
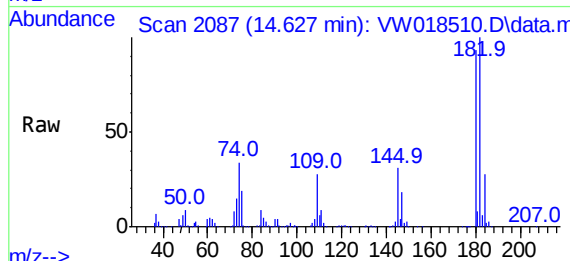




#67
1,3,5-Trichlorobenzene
Concen: 26.23 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

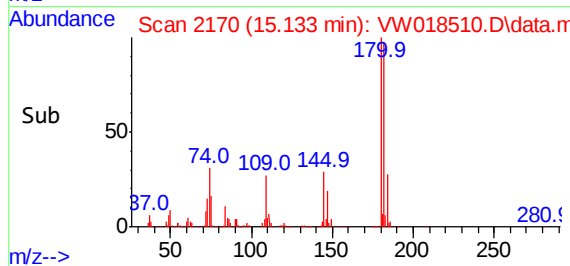
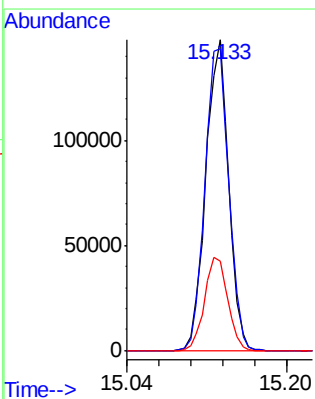
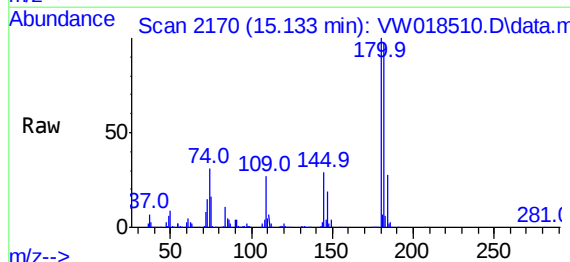
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

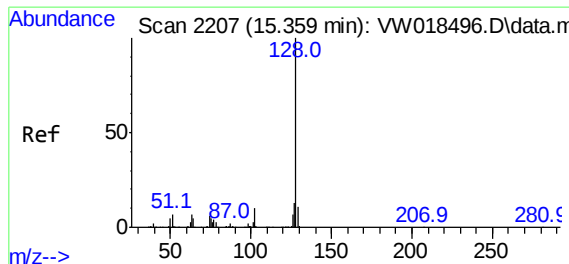
Tgt Ion:180 Resp: 290667
Ion Ratio Lower Upper
180 100
182 95.1 71.8 107.8
184 30.6 23.5 35.3
145 30.6 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 25.72 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion:180 Resp: 242517
Ion Ratio Lower Upper
180 100
182 101.5 70.2 105.4
145 30.6 24.9 37.3

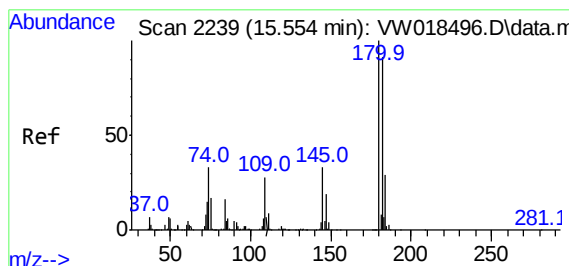
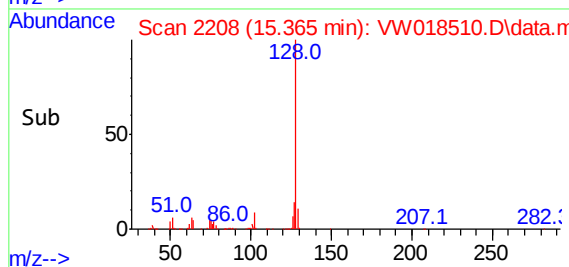
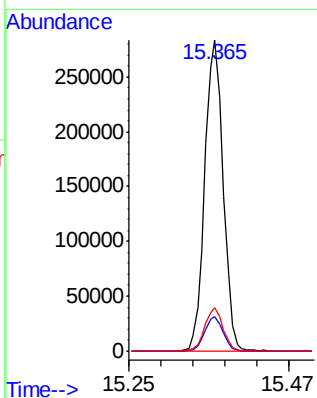
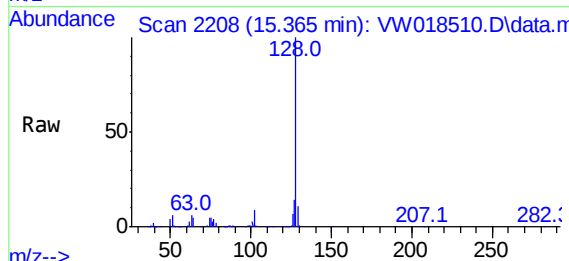




#69
Naphthalene
Concen: 25.25 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion:128 Resp: 495611
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.5 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.98 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018510.D
Acq: 31 Mar 2021 13:50

Tgt Ion:180 Resp: 213744
Ion Ratio Lower Upper
180 100
182 96.5 76.5 114.7
145 33.3 27.7 41.5

