

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021821\
 Data File : VW018206.D
 Acq On : 18 Feb 2021 12:54
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Feb 18 13:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	335803	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	304693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	167874	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	83486	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
7) Chloroethane-d5	2.898	69	75072	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
10) 1,1-Dichloroethene-d2	4.031	63	197360	23.66	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.64%
20) 2-Butanone-d5	7.080	46	56843	51.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.08%
24) Chloroform-d	7.647	84	238902	27.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.44%
26) 1,2-Dichloroethane-d4	8.305	65	116463	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.275	84	450006	26.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.60%
33) 1,2-Dichloropropane-d6	9.274	67	128025	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.44%
37) Toluene-d8	10.323	98	427019	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.32%
38) trans-1,3-Dichloroprop...	10.579	79	56858	26.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.24%
39) 2-Hexanone-d5	10.927	63	49261	55.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.12%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	114160	27.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.08%
61) 1,2-Dichlorobenzene-d4	13.853	152	170589	28.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.96%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	104775	23.06	ug/L	98
3) Chloromethane	2.215	50	80493	24.05	ug/L	99
5) Vinyl chloride	2.367	62	122722	26.59	ug/L	99
6) Bromomethane	2.788	94	83370	25.40	ug/L	99
8) Chloroethane	2.934	64	70930	25.72	ug/L	93
9) Trichlorofluoromethane	3.263	101	90159	27.02	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	131213	27.51	ug/L #	64
12) 1,1-Dichloroethene	4.050	96	124942	27.85	ug/L	87
13) Acetone	4.123	43	33039	40.10	ug/L	97
14) Carbon disulfide	4.391	76	335077	25.64	ug/L	98
15) Methyl Acetate	4.672	43	41294	22.59	ug/L	96
16) Methylene chloride	4.922	84	125871	23.39	ug/L	91
17) Methyl tert-butyl Ether	5.421	73	130519	25.91	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	130291	27.17	ug/L	94
19) 1,1-Dichloroethane	6.220	63	212114	27.41	ug/L	98
21) 2-Butanone	7.171	43	54204	43.21	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	138676	27.88	ug/L	94
23) Bromochloromethane	7.513	128	64195	26.85	ug/L	89
25) Chloroform	7.677	83	231133	27.37	ug/L	100

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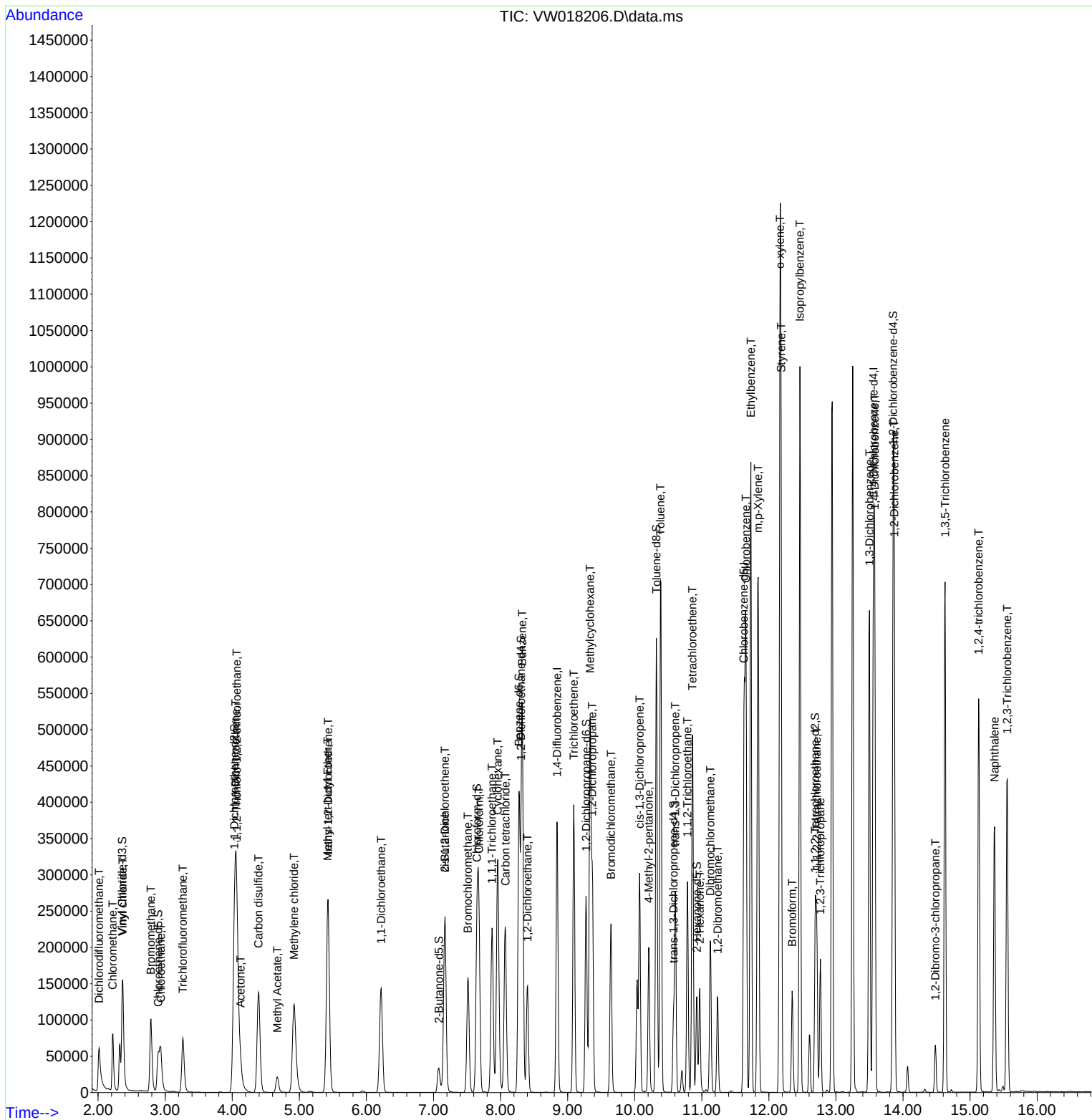
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

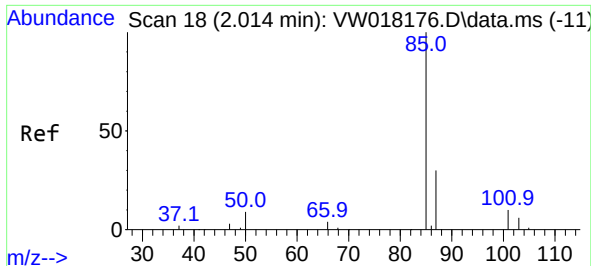
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	135796	24.77	ug/L	100
30) Cyclohexane	7.958	56	186828	26.81	ug/L	93
31) 1,1,1-Trichloroethane	7.872	97	189601	28.06	ug/L	98
32) Carbon tetrachloride	8.073	117	185967	28.42	ug/L	100
34) Benzene	8.323	78	496712	27.89	ug/L	100
35) Trichloroethene	9.092	95	138088	27.52	ug/L	99
36) Methylcyclohexane	9.335	83	232158	27.51	ug/L	96
40) 1,2-Dichloropropane	9.366	63	114402	28.00	ug/L	100
41) Bromodichloromethane	9.646	83	160417	27.41	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	182598	27.73	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	121619	47.86	ug/L	93
44) Toluene	10.384	91	547923	27.95	ug/L	100
45) trans-1,3-Dichloropropene	10.603	75	157047	27.39	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	93050	26.68	ug/L	99
47) Tetrachloroethene	10.860	164	122001	28.55	ug/L	95
49) 2-Hexanone	10.969	43	83648	47.37	ug/L	96
50) Dibromochloromethane	11.128	129	114104	27.30	ug/L	97
51) 1,2-Dibromoethane	11.237	107	91743	26.37	ug/L	96
52) Chlorobenzene	11.658	112	364130	28.20	ug/L	97
53) Ethylbenzene	11.731	91	622767	27.96	ug/L	97
54) m,p-Xylene	11.841	106	245856	28.95	ug/L	96
55) o-xylene	12.164	106	230484	28.61	ug/L	98
56) Styrene	12.182	104	399112	29.13	ug/L	95
57) Isopropylbenzene	12.463	105	649984	28.97	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	105660	25.61	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	76977	24.62	ug/L	99
62) Bromoform	12.347	173	65973	25.50	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	290064	27.11	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	296517	27.55	ug/L	93
65) 1,2-Dichlorobenzene	13.871	146	269828	27.96	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	16527	22.61	ug/L	88
67) 1,3,5-Trichlorobenzene	14.627	180	235840	28.69	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	187564	27.37	ug/L	94
69) Naphthalene	15.365	128	337082	25.28	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	164113	26.86	ug/L	99

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

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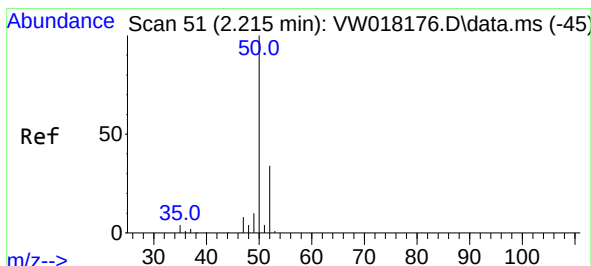
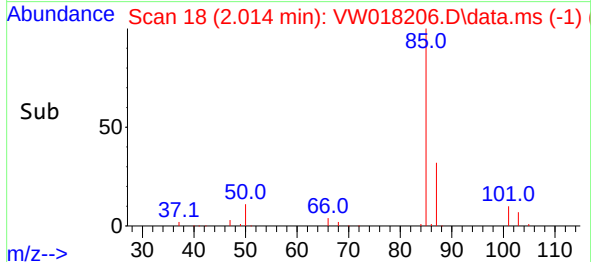
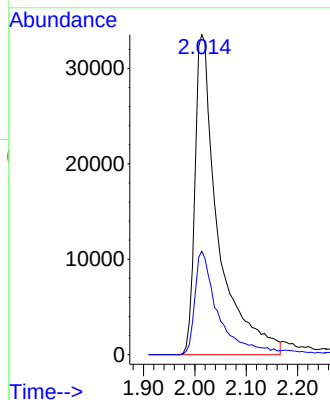
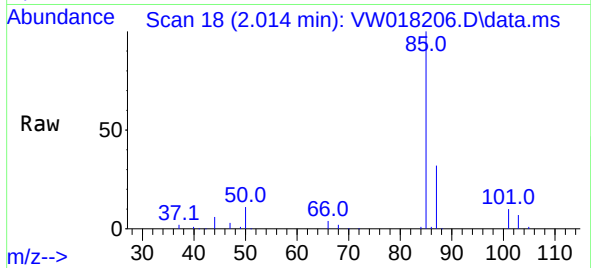




#2
Dichlorodifluoromethane
Concen: 23.06 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

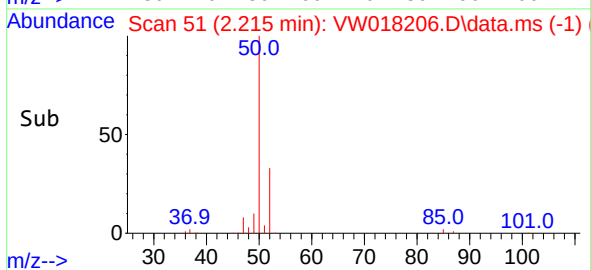
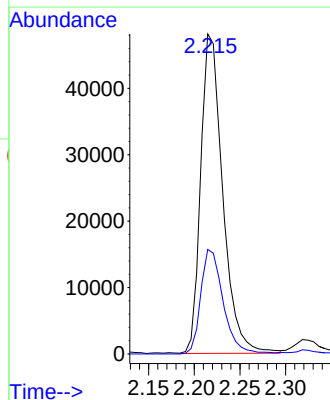
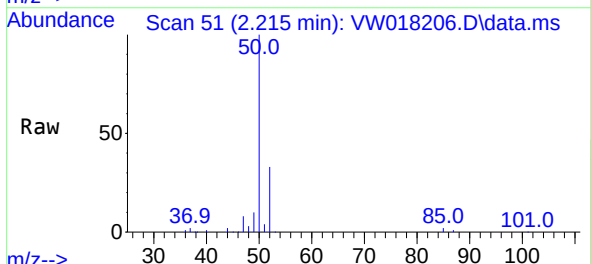
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

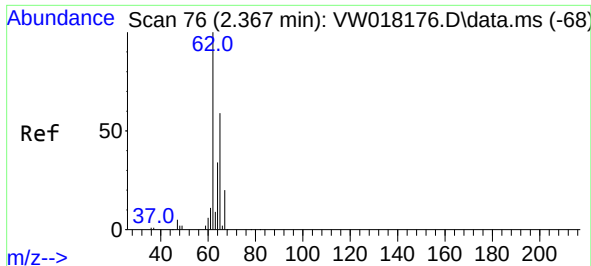
Tgt Ion: 85 Resp: 104775
Ion Ratio Lower Upper
85 100
87 31.8 23.2 43.0



#3
Chloromethane
Concen: 24.05 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 50 Resp: 80493
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.6

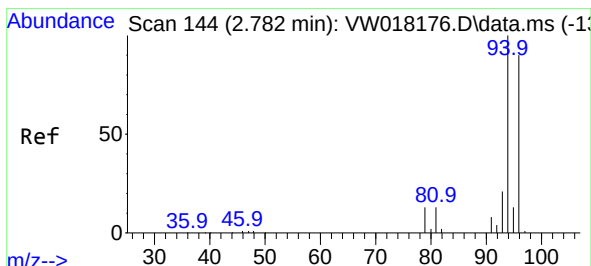
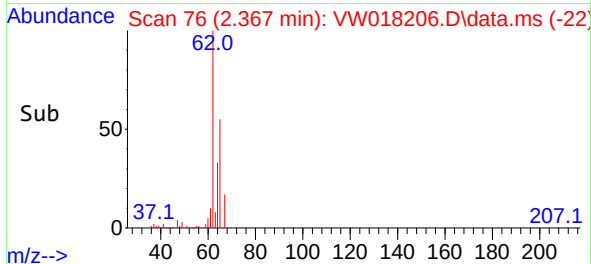
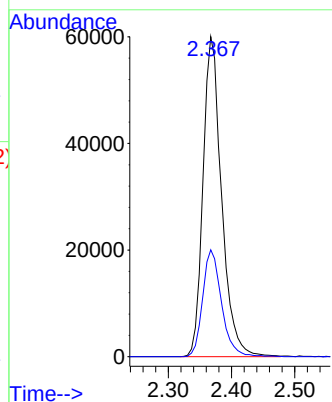
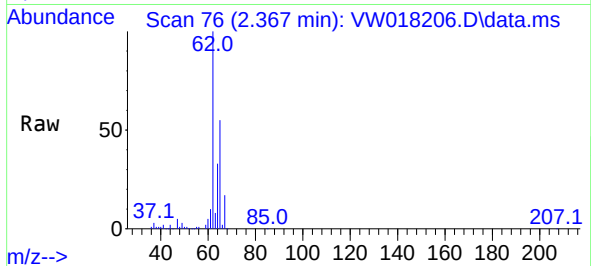




#5
 Vinyl chloride
 Concen: 26.59 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018206.D
 Acq: 18 Feb 2021 12:54

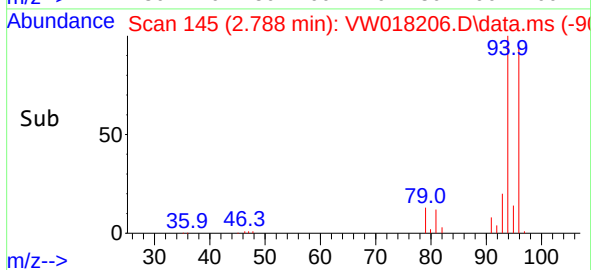
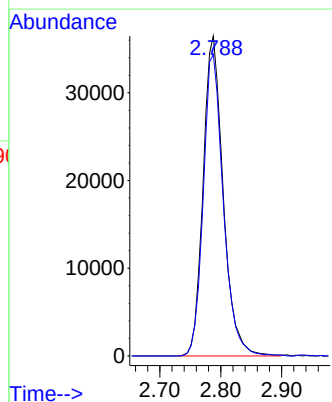
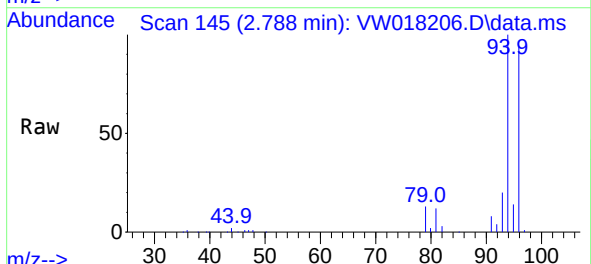
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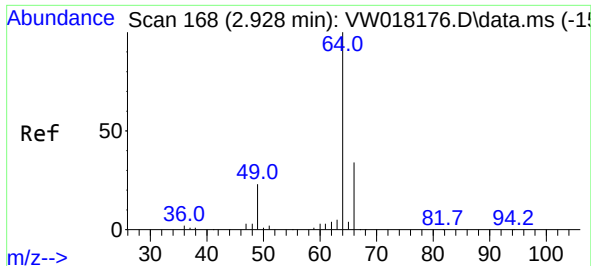
Tgt Ion: 62 Resp: 122722
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.9 44.5



#6
 Bromomethane
 Concen: 25.40 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018206.D
 Acq: 18 Feb 2021 12:54

Tgt Ion: 94 Resp: 83370
 Ion Ratio Lower Upper
 94 100
 96 94.3 9.4 178.0

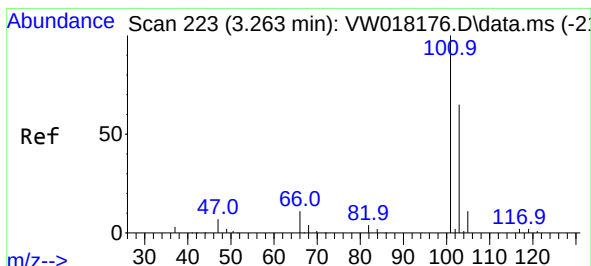
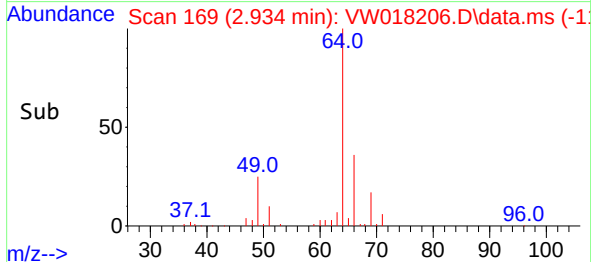
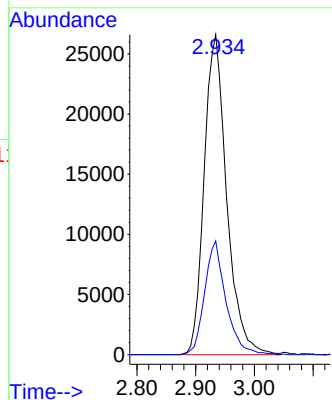
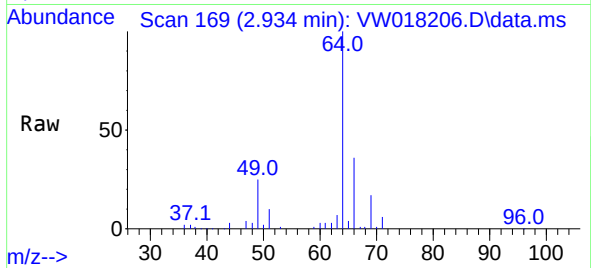




#8
Chloroethane
Concen: 25.72 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

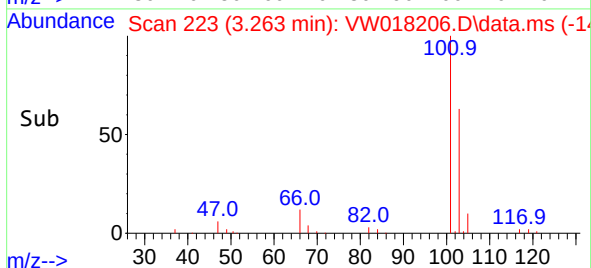
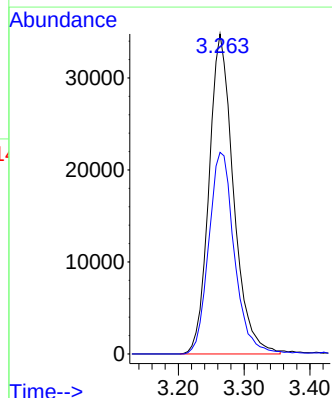
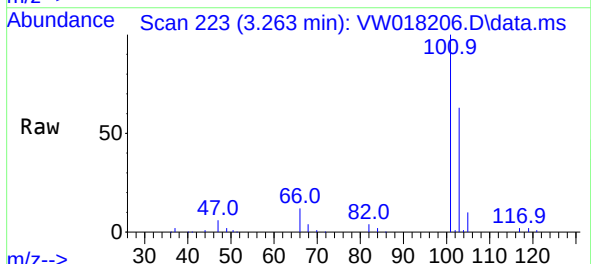
Instrument :
MSVOA_W
ClientSampled :
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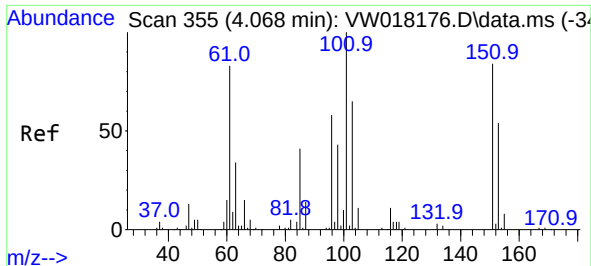
Tgt Ion: 64 Resp: 70930
Ion Ratio Lower Upper
64 100
66 35.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 27.02 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 101 Resp: 90159
Ion Ratio Lower Upper
101 100
103 66.1 45.0 83.6

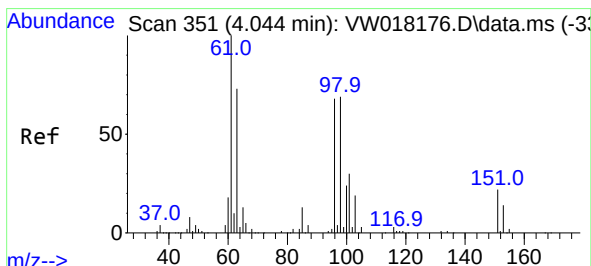
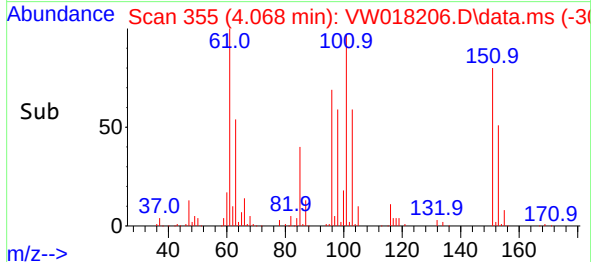
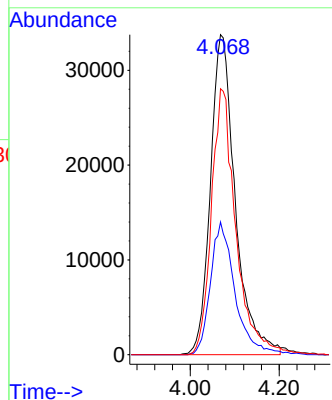
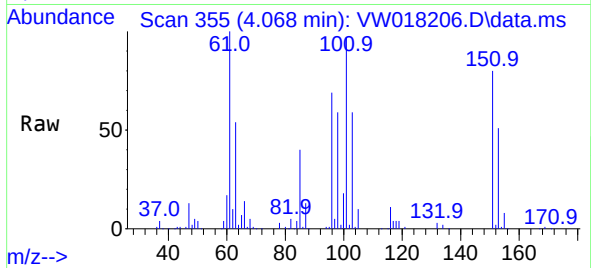




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.51 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018206.D
 Acq: 18 Feb 2021 12:54

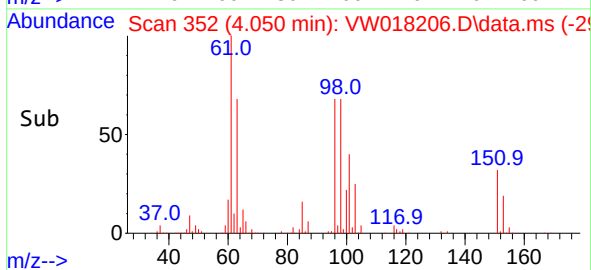
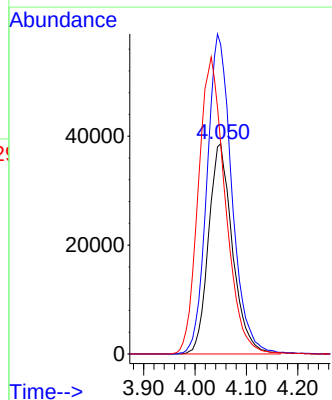
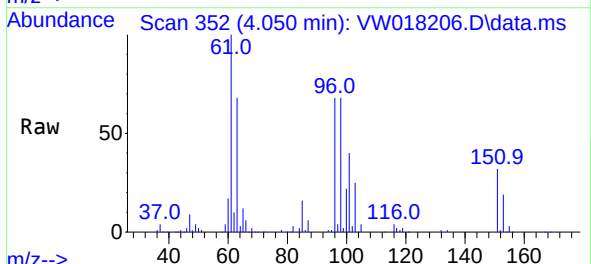
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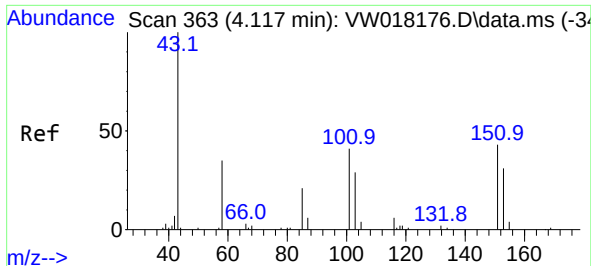
Tgt Ion:101 Resp: 131213
 Ion Ratio Lower Upper
 101 100
 85 39.8 34.2 51.4
 151 81.5 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 27.85 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018206.D
 Acq: 18 Feb 2021 12:54

Tgt Ion: 96 Resp: 124942
 Ion Ratio Lower Upper
 96 100
 61 147.2 112.5 208.9
 63 100.3 83.1 154.3

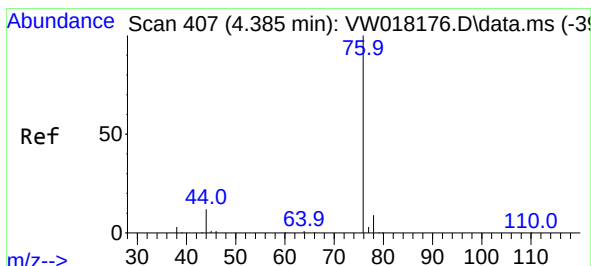
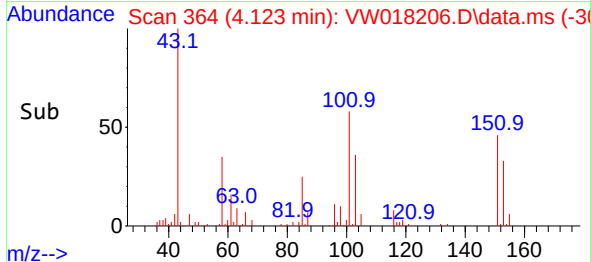
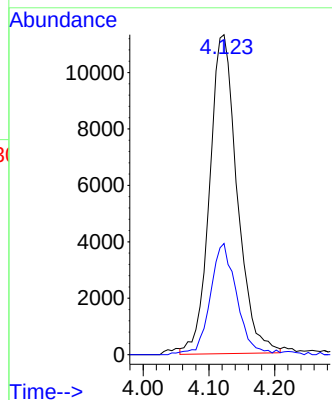
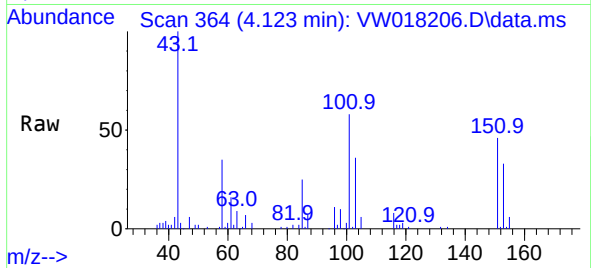




#13
Acetone
Concen: 40.10 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

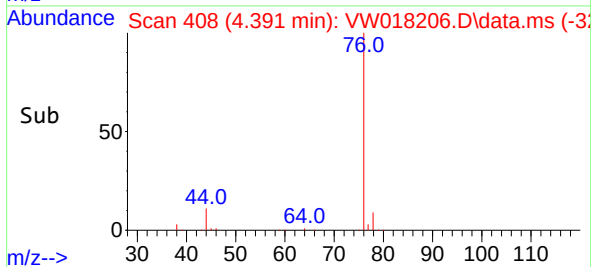
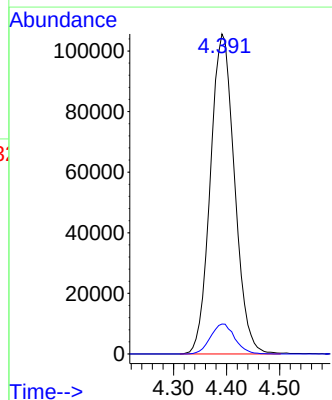
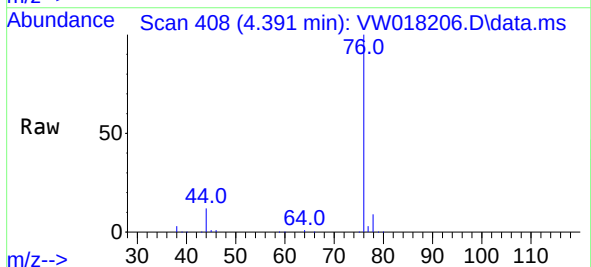
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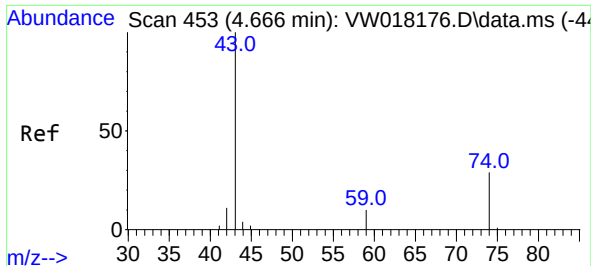
Tgt Ion: 43 Resp: 33039
Ion Ratio Lower Upper
43 100
58 32.5 0.0 68.4



#14
Carbon disulfide
Concen: 25.64 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 335077
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

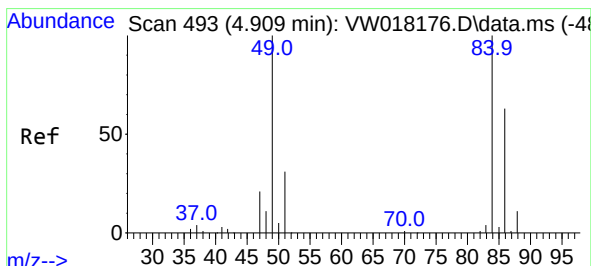
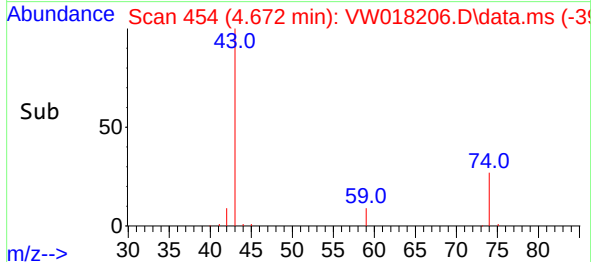
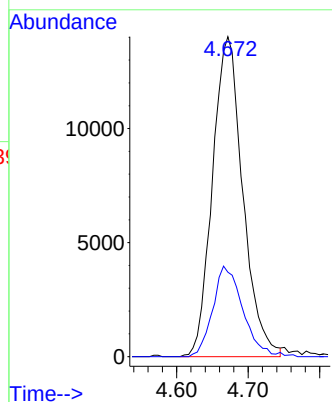
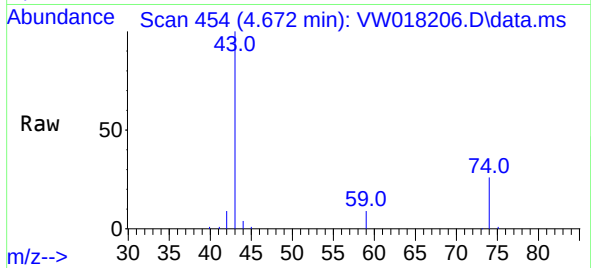




#15
Methyl Acetate
Concen: 22.59 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

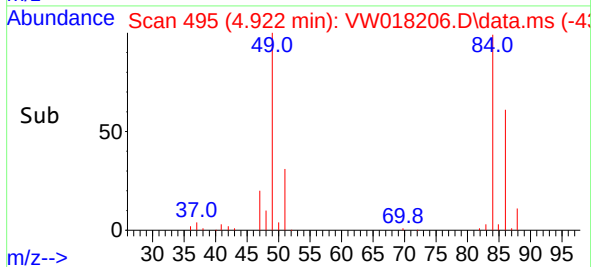
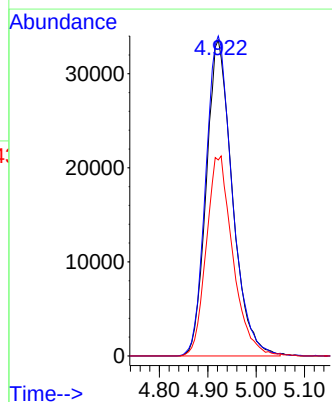
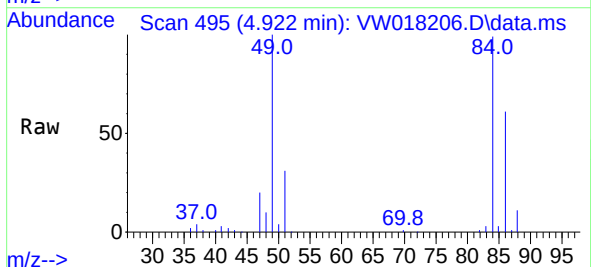
Instrument :
MSVOA_W
ClientSampled :
VSTD02530

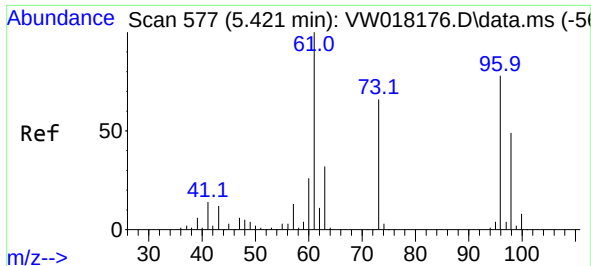
Tgt Ion: 43 Resp: 41294
Ion Ratio Lower Upper
43 100
74 27.8 20.7 31.1



#16
Methylene chloride
Concen: 23.39 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 84 Resp: 125871
Ion Ratio Lower Upper
84 100
49 101.3 81.2 150.8
86 62.1 44.5 82.7



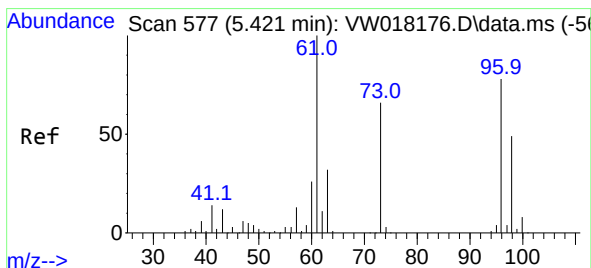
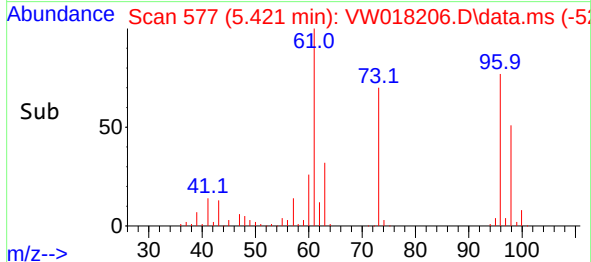
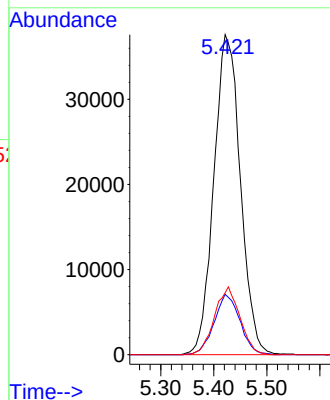
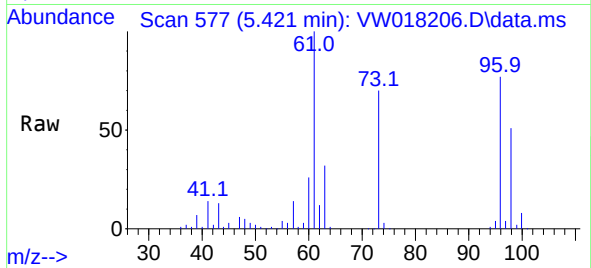


#17
Methyl tert-butyl Ether
Concen: 25.91 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion: 73 Resp: 130519

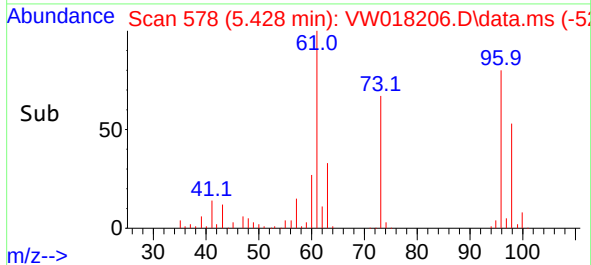
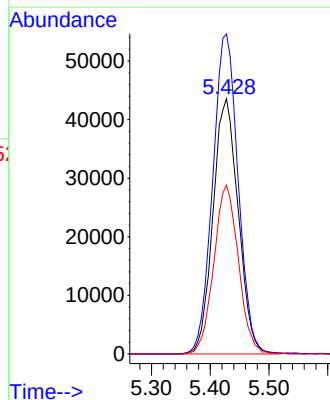
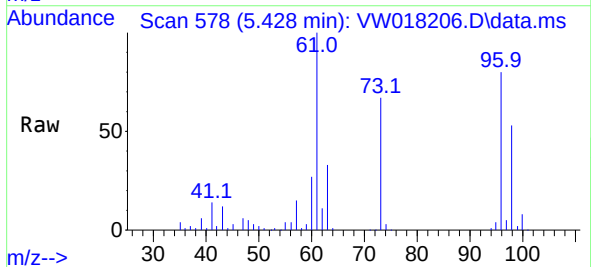
Ion	Ratio	Lower	Upper
73	100		
43	18.4	16.2	24.4
57	20.3	17.2	25.8

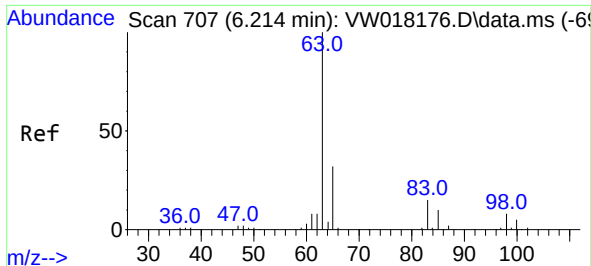


#18
trans-1,2-Dichloroethene
Concen: 27.17 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 96 Resp: 130291

Ion	Ratio	Lower	Upper
96	100		
61	125.3	92.7	172.1
98	66.1	43.3	80.3





#19

1,1-Dichloroethane

Concen: 27.41 ug/L

RT: 6.220 min Scan# 708

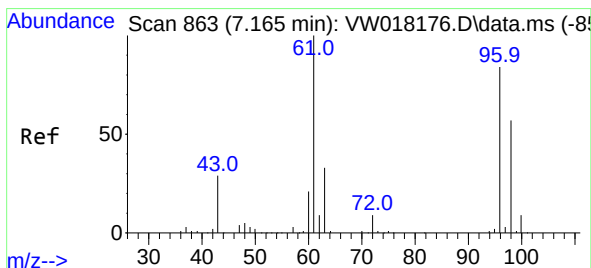
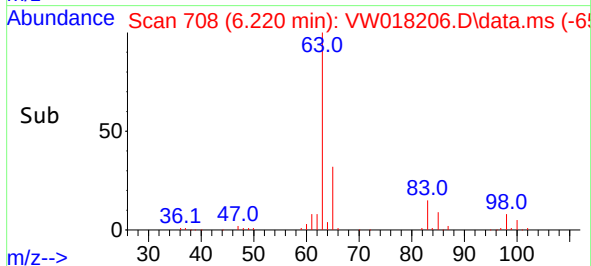
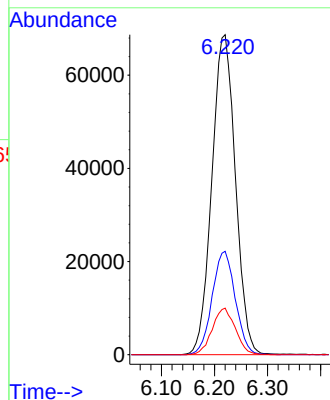
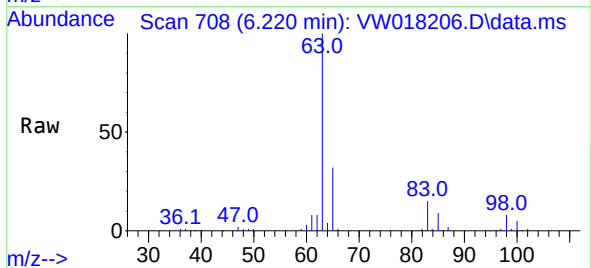
Delta R.T. 0.006 min

Lab File: VW018206.D

Acq: 18 Feb 2021 12:54

Tgt Ion:	63	Resp:	212114
Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.9	40.7
83	14.6	9.4	17.6

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530



#21

2-Butanone

Concen: 43.21 ug/L

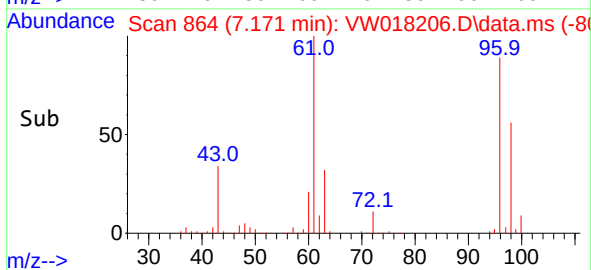
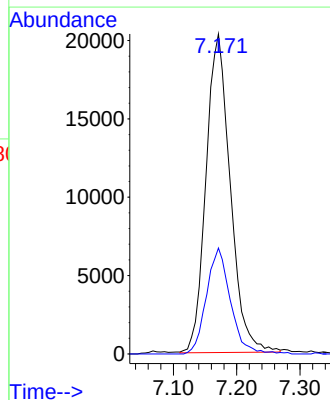
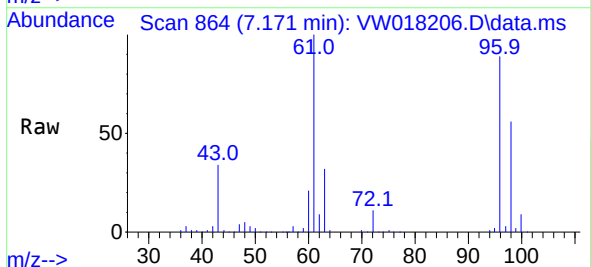
RT: 7.171 min Scan# 864

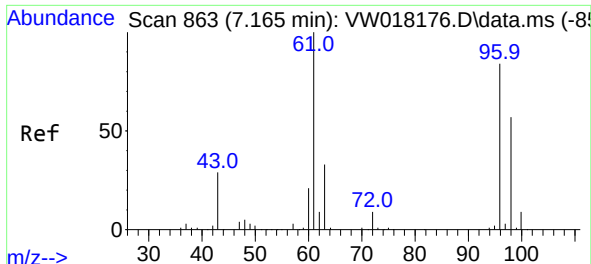
Delta R.T. 0.006 min

Lab File: VW018206.D

Acq: 18 Feb 2021 12:54

Tgt Ion:	43	Resp:	54204
Ion	Ratio	Lower	Upper
43	100		
72	32.5	14.4	43.2

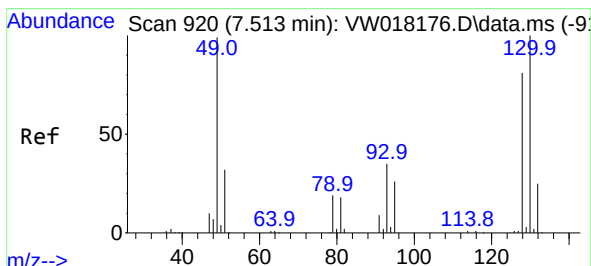
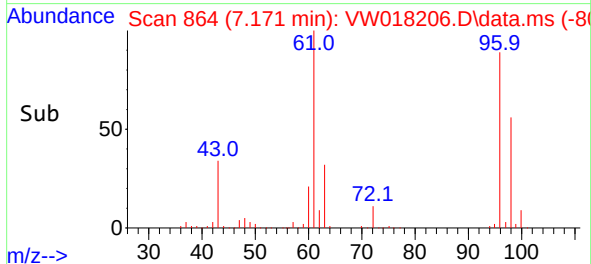
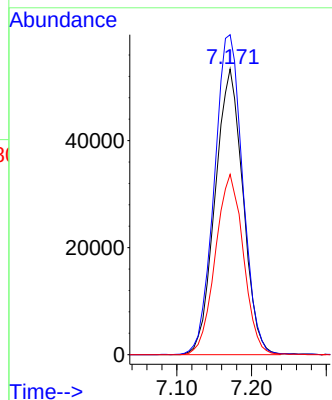
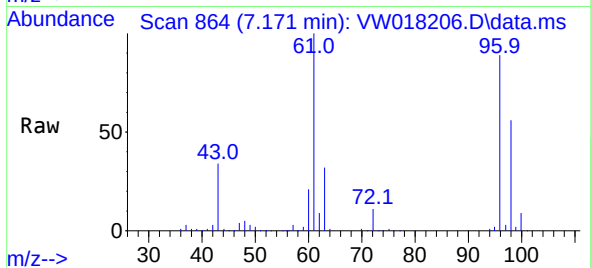




#22
cis-1,2-Dichloroethene
Concen: 27.88 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

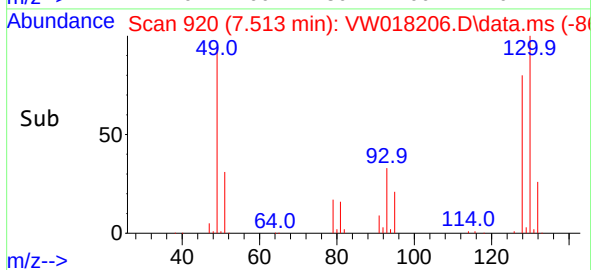
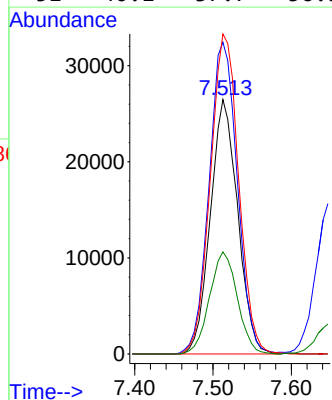
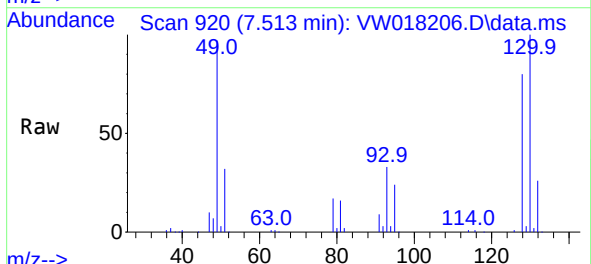
Instrument :
MSVOA_W
ClientSampled :
VSTD02530

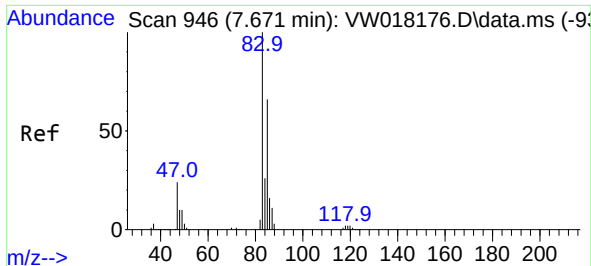
Tgt Ion: 96 Resp: 138676
Ion Ratio Lower Upper
96 100
61 112.0 84.6 157.2
98 63.1 44.7 82.9



#23
Bromochloromethane
Concen: 26.85 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion:128 Resp: 64195
Ion Ratio Lower Upper
128 100
49 122.5 101.6 188.6
130 125.8 90.4 167.8
51 40.1 37.7 56.5

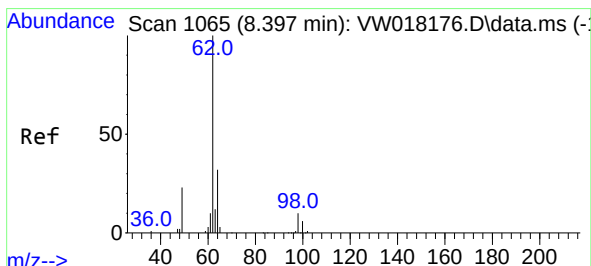
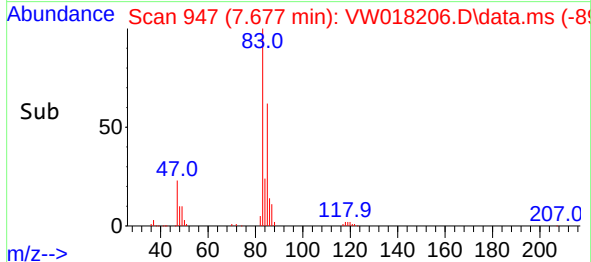
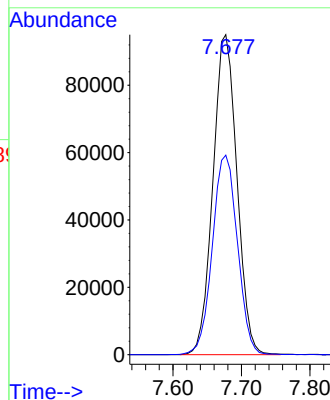
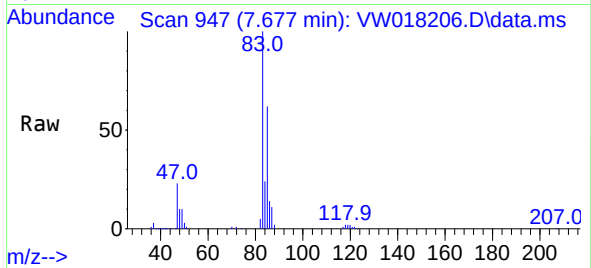




#25
Chloroform
Concen: 27.37 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

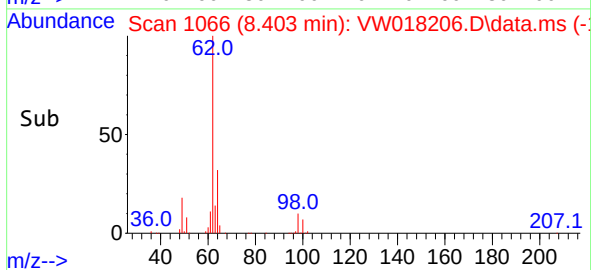
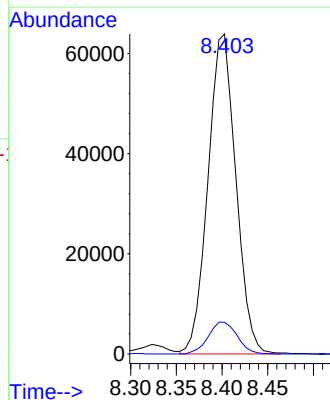
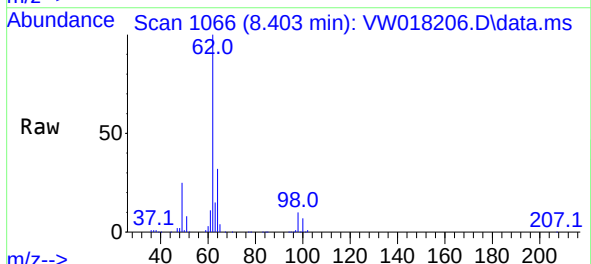
Instrument :
MSVOA_W
ClientSampled :
VSTD02530

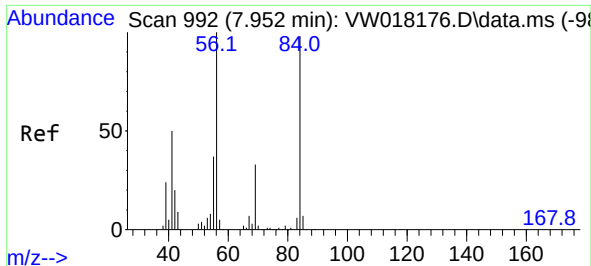
Tgt Ion: 83 Resp: 231133
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 24.77 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

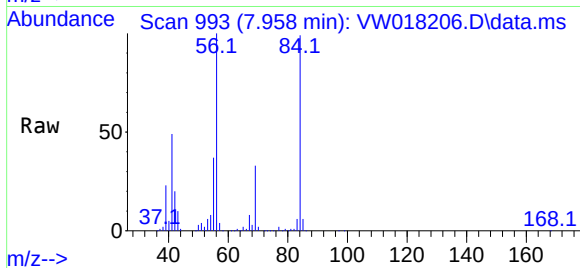
Tgt Ion: 62 Resp: 135796
Ion Ratio Lower Upper
62 100
98 9.9 8.0 12.0





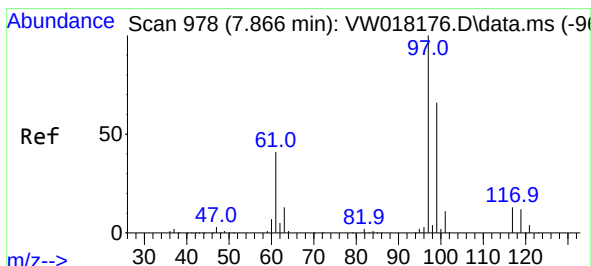
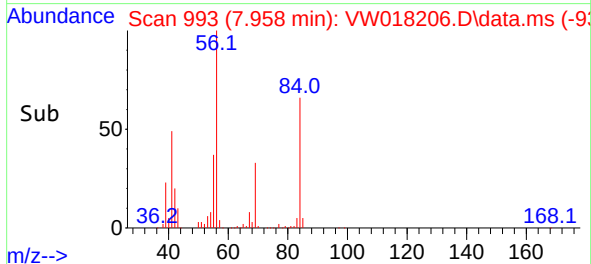
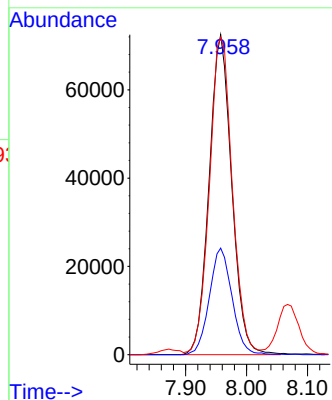
#30
Cyclohexane
Concen: 26.81 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Instrument :
MSVOA_W
ClientSampled :
VSTD02530



Tgt Ion: 56 Resp: 186828

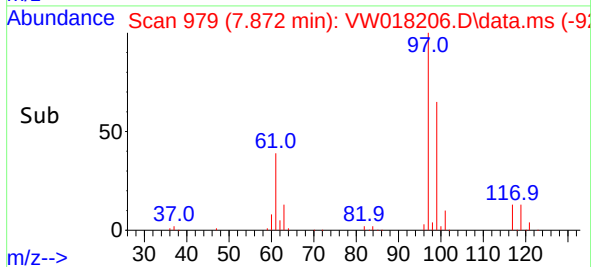
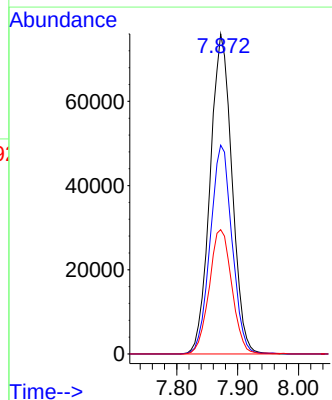
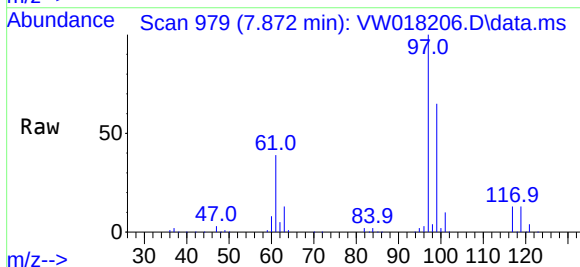
Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.8	37.2
84	100.2	74.2	111.4

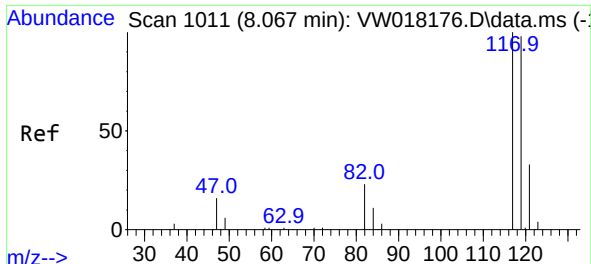


#31
1,1,1-Trichloroethane
Concen: 28.06 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 97 Resp: 189601

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.4
61	40.1	33.6	50.4

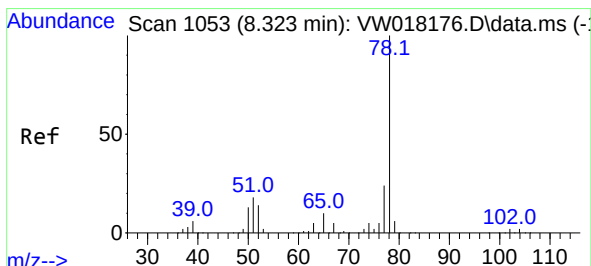
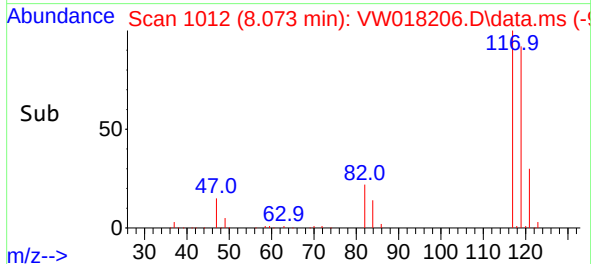
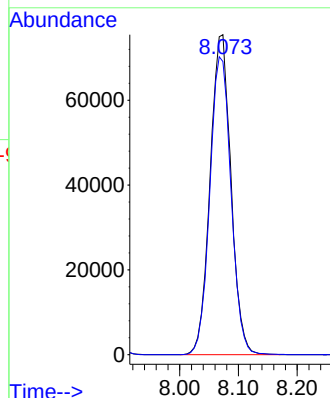
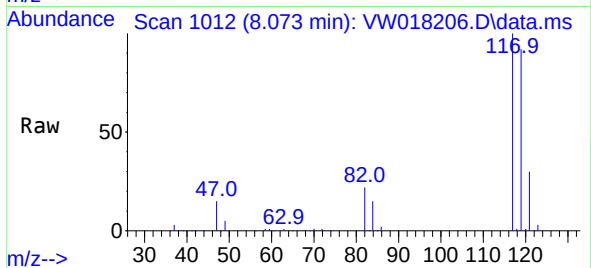




#32
Carbon tetrachloride
Concen: 28.42 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

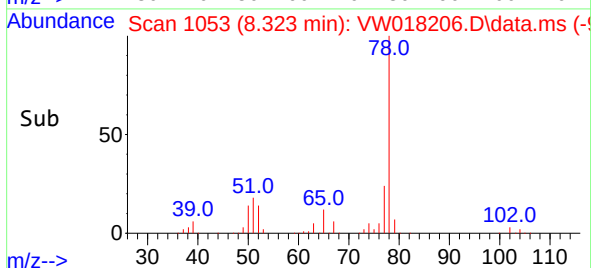
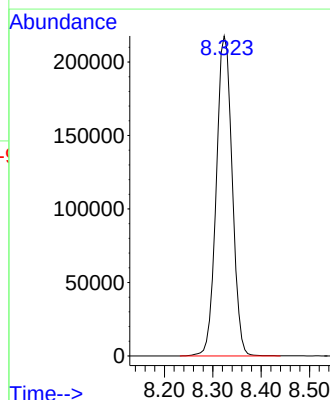
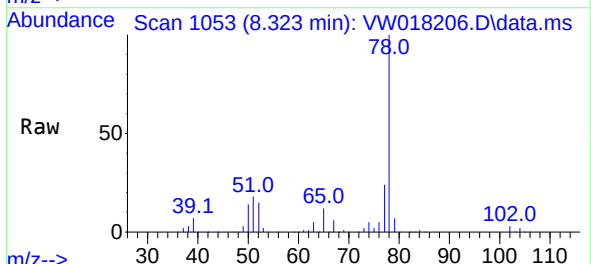
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

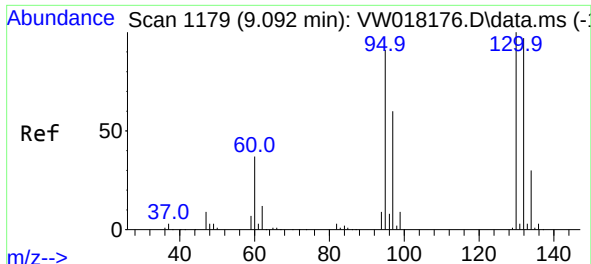
Tgt Ion:117 Resp: 185967
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8



#34
Benzene
Concen: 27.89 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 78 Resp: 496712

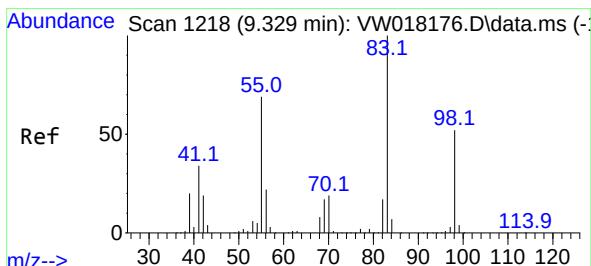
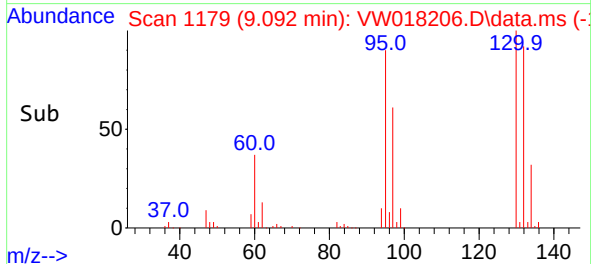
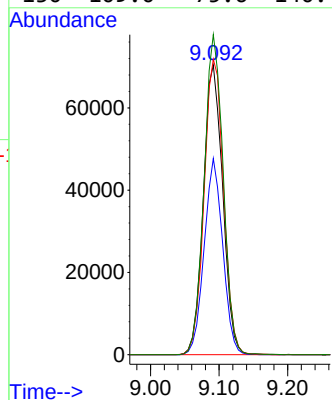
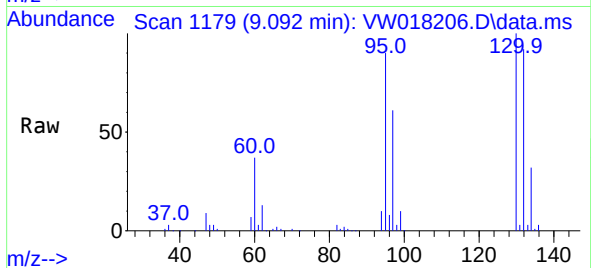




#35
Trichloroethene
Concen: 27.52 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

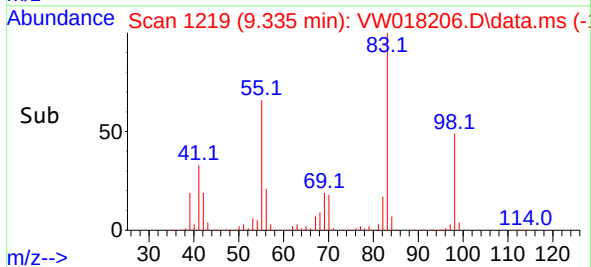
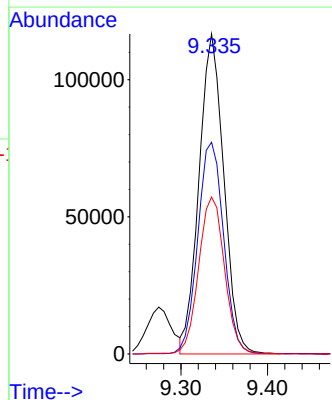
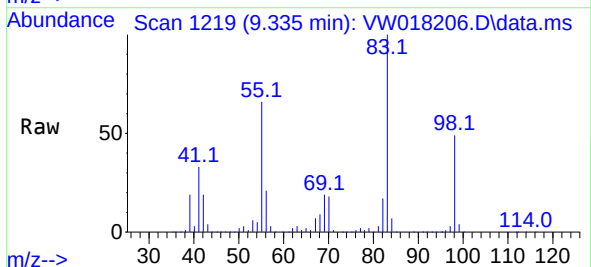
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

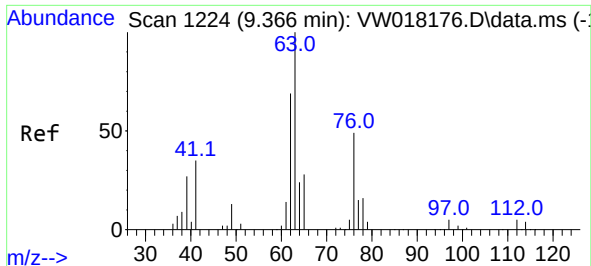
Tgt Ion: 95 Resp: 138088
Ion Ratio Lower Upper
95 100
97 65.2 45.0 83.6
132 102.9 71.0 131.8
130 109.0 75.6 140.4



#36
Methylcyclohexane
Concen: 27.51 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 83 Resp: 232158
Ion Ratio Lower Upper
83 100
55 68.8 59.4 89.0
98 51.1 40.7 61.1

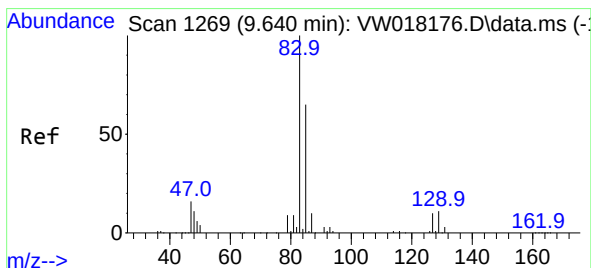
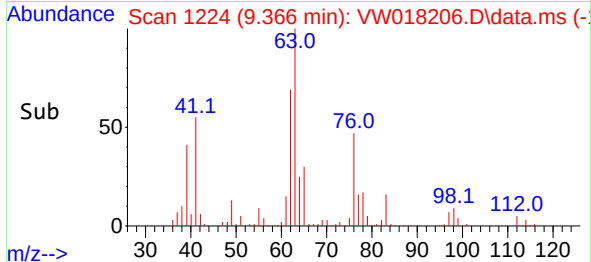
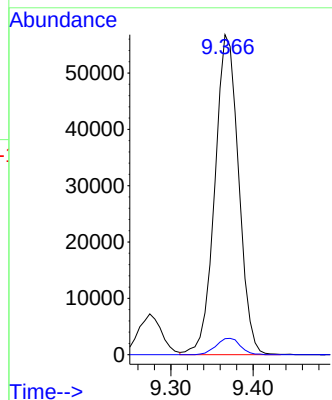
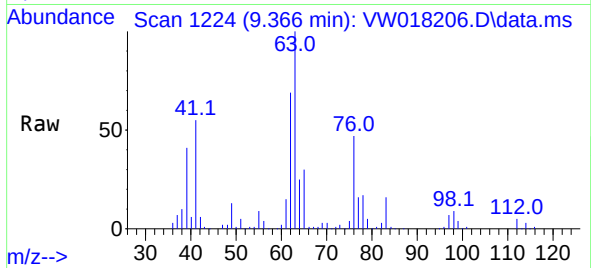




#40
1,2-Dichloropropane
Concen: 28.00 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

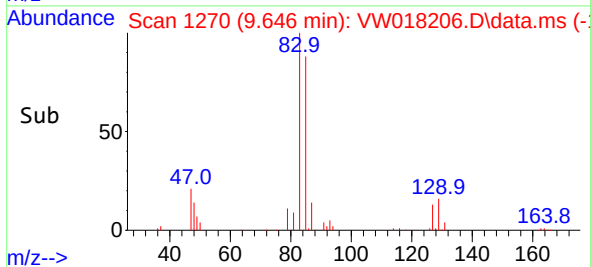
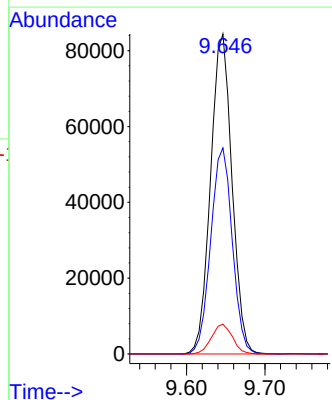
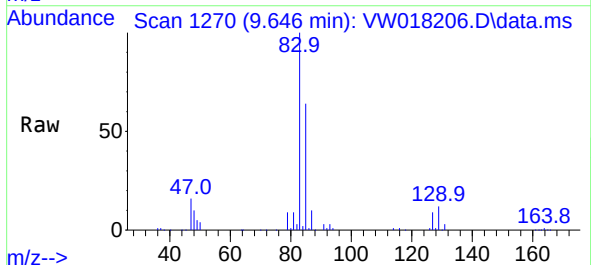
Instrument :
MSVOA_W
ClientSampled :
VSTD02530

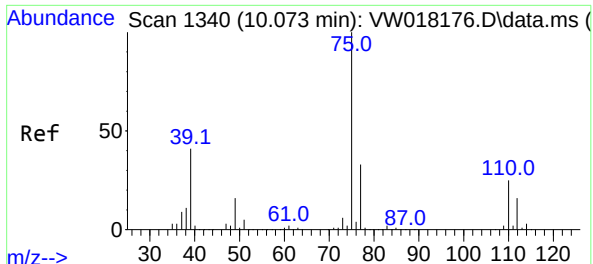
Tgt Ion: 63 Resp: 114402
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.4



#41
Bromodichloromethane
Concen: 27.41 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 83 Resp: 160417
Ion Ratio Lower Upper
83 100
85 64.4 46.8 86.8
127 9.3 7.6 11.4

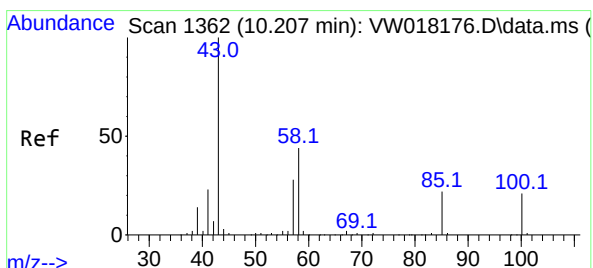
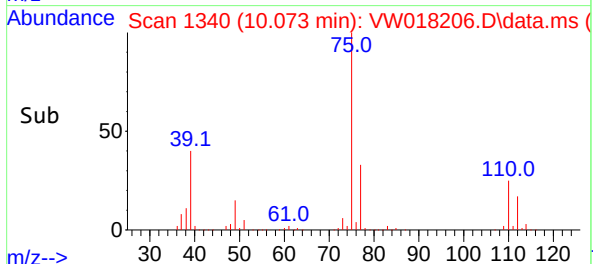
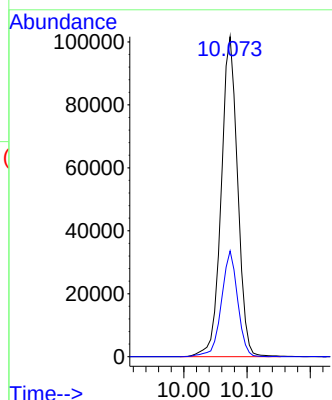
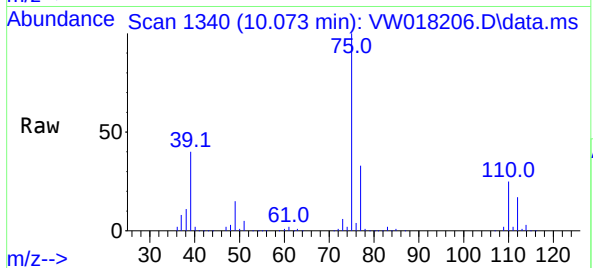




#42
cis-1,3-Dichloropropene
Concen: 27.73 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

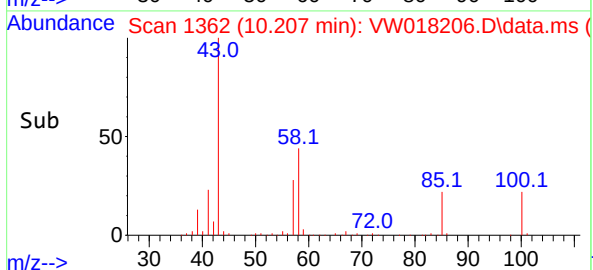
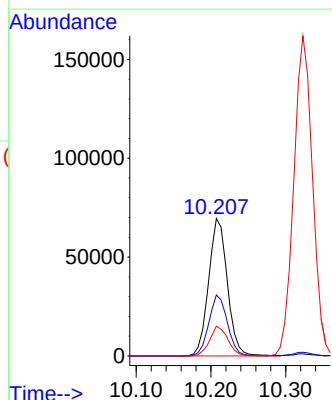
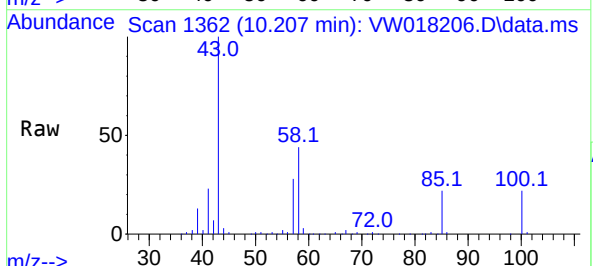
Instrument :
MSVOA_W
ClientSampled :
VSTD02530

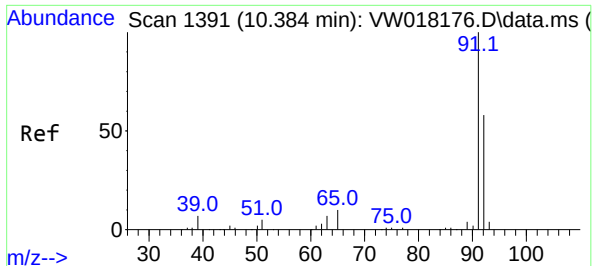
Tgt Ion: 75 Resp: 182598
Ion Ratio Lower Upper
75 100
77 33.1 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 47.86 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 43 Resp: 121619
Ion Ratio Lower Upper
43 100
58 43.8 31.6 47.4
100 21.0 14.1 21.1

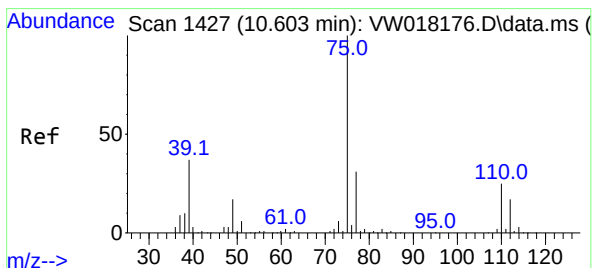
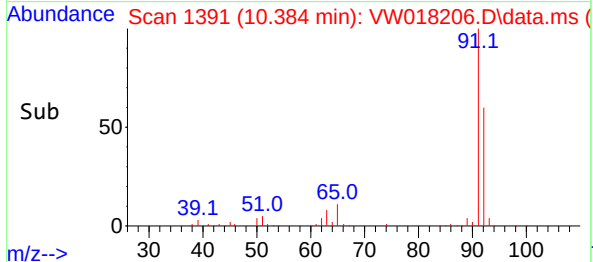
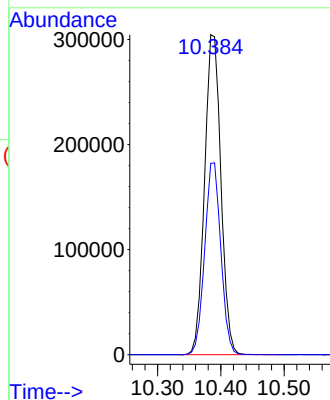
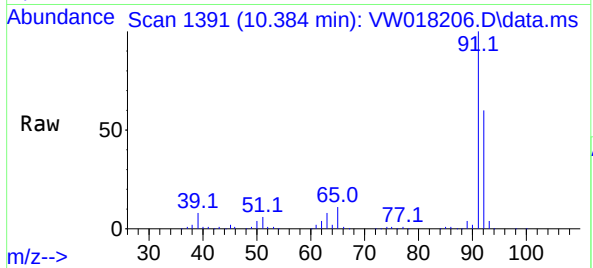




#44
Toluene
Concen: 27.95 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

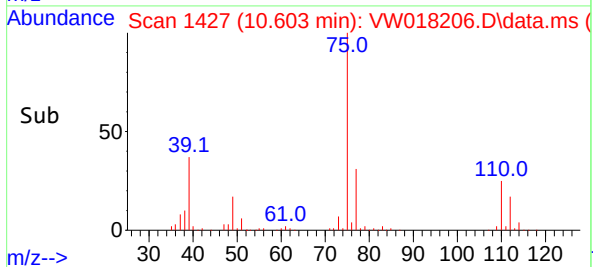
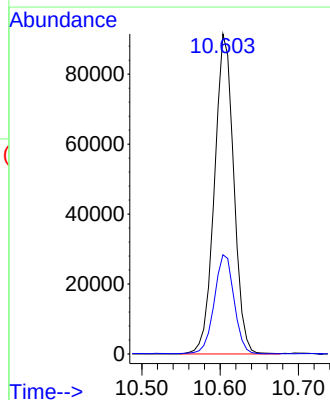
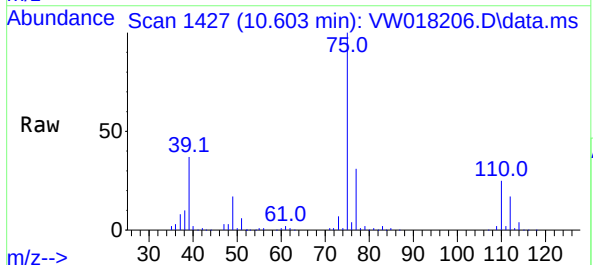
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

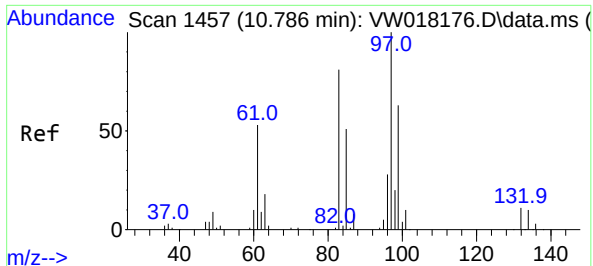
Tgt Ion: 91 Resp: 547923
Ion Ratio Lower Upper
91 100
92 59.8 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 27.39 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 75 Resp: 157047
Ion Ratio Lower Upper
75 100
77 31.0 22.6 42.0



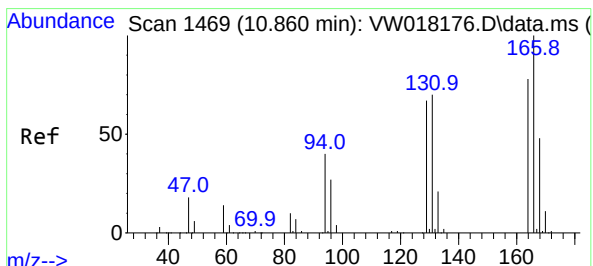
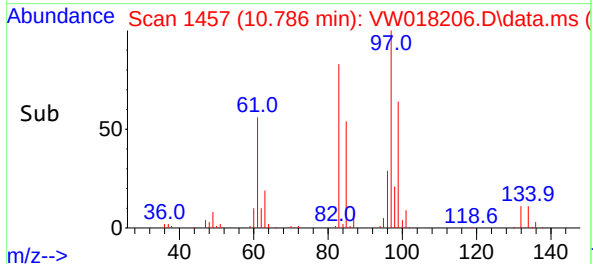
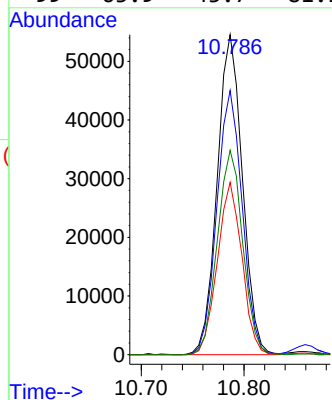
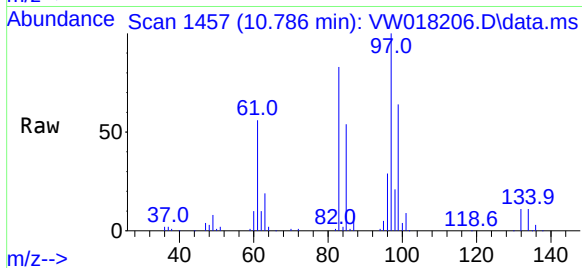


#46
1,1,2-Trichloroethane
Concen: 26.68 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Instrument :
MSVOA_W
ClientSampled :
VSTD02530

Tgt Ion: 97 Resp: 93050

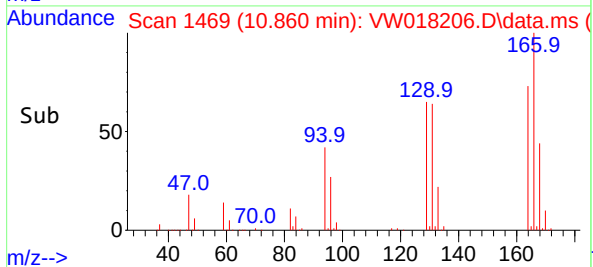
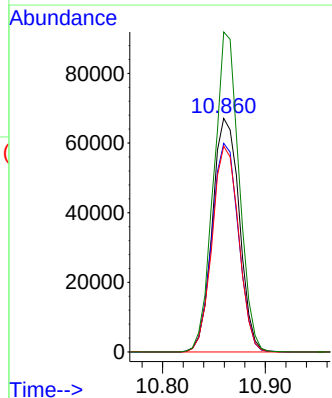
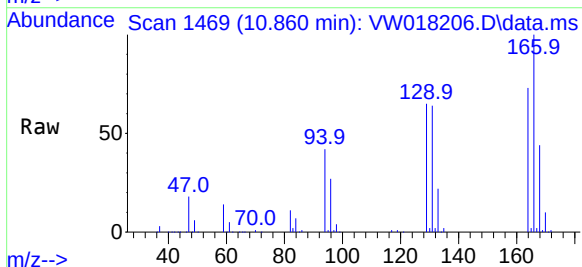
Ion	Ratio	Lower	Upper
97	100		
83	82.5	58.5	108.7
85	53.9	37.8	70.2
99	63.9	43.7	81.1

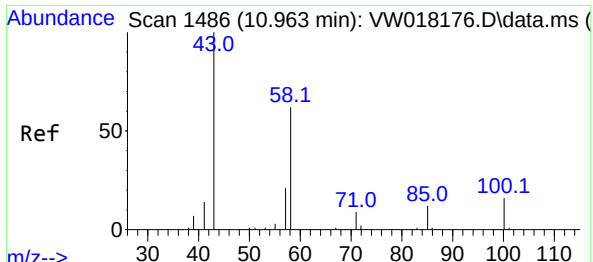


#47
Tetrachloroethene
Concen: 28.55 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion: 164 Resp: 122001

Ion	Ratio	Lower	Upper
164	100		
129	89.3	67.6	125.6
131	88.1	65.2	121.2
166	137.0	93.2	173.2

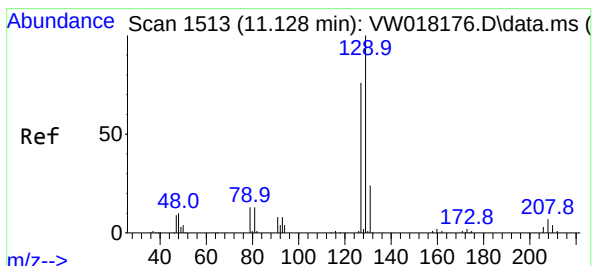
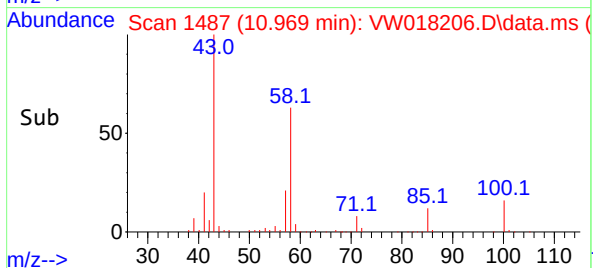
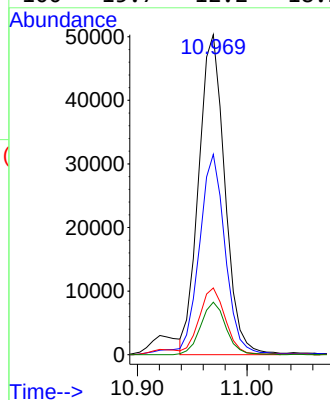
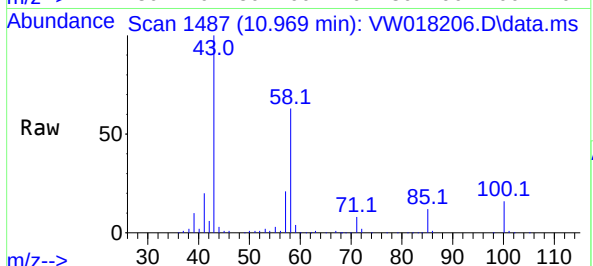




#49
2-Hexanone
Concen: 47.37 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

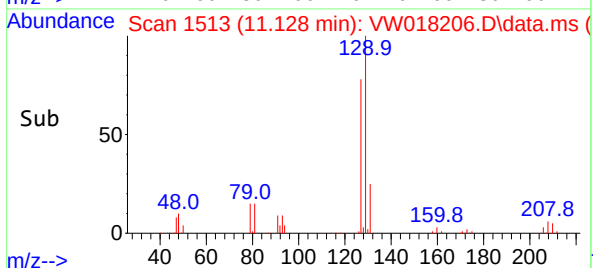
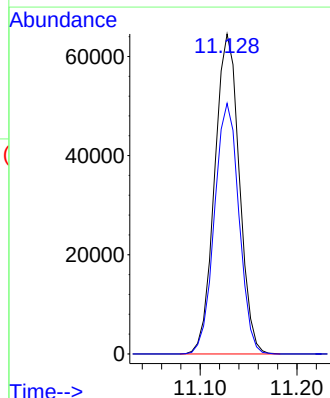
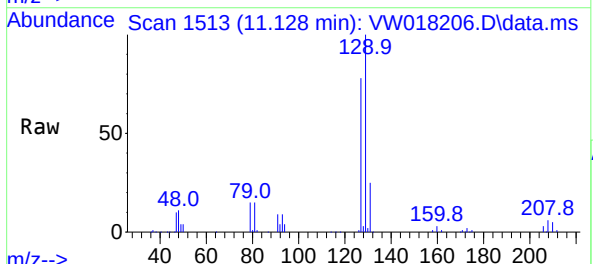
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

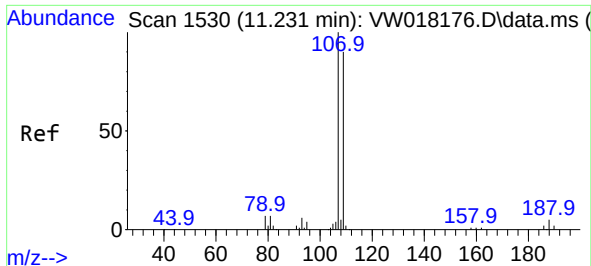
Tgt Ion:	43	Resp:	83648
Ion	Ratio	Lower	Upper
43	100		
58	60.5	51.3	76.9
57	20.8	15.0	22.6
100	15.7	12.2	18.2



#50
Dibromochloromethane
Concen: 27.30 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion:	129	Resp:	114104
Ion	Ratio	Lower	Upper
129	100		
127	78.3	53.2	98.8

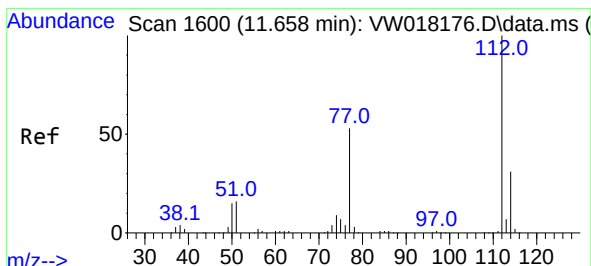
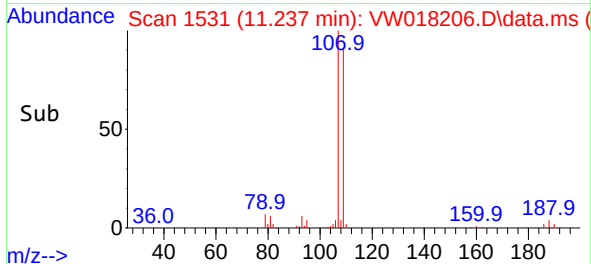
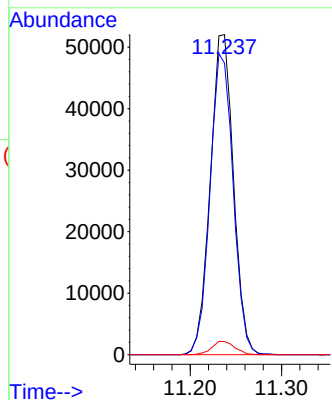
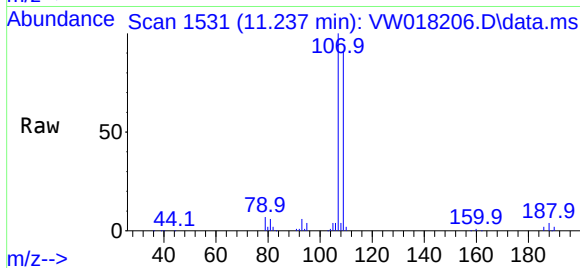




#51
1,2-Dibromoethane
Concen: 26.37 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

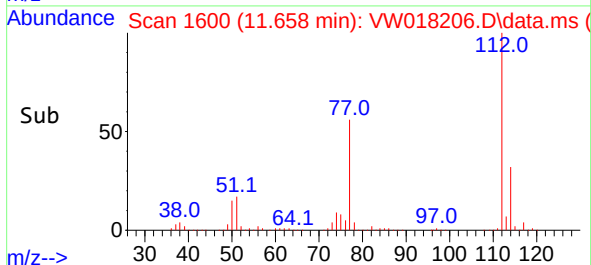
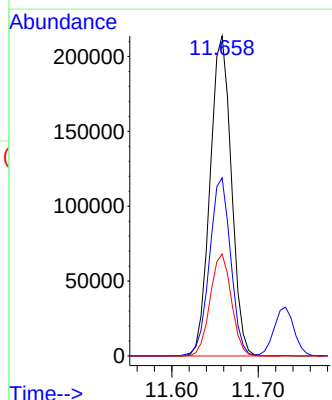
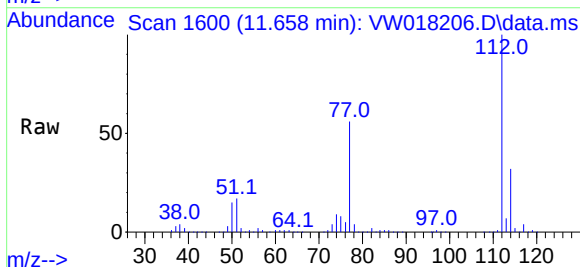
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

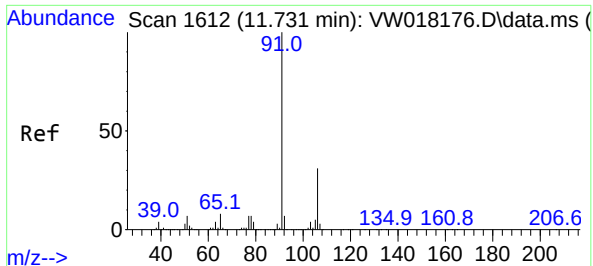
Tgt Ion:107 Resp: 91743
Ion Ratio Lower Upper
107 100
109 91.1 66.4 123.2
188 4.1 4.0 6.0



#52
Chlorobenzene
Concen: 28.20 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

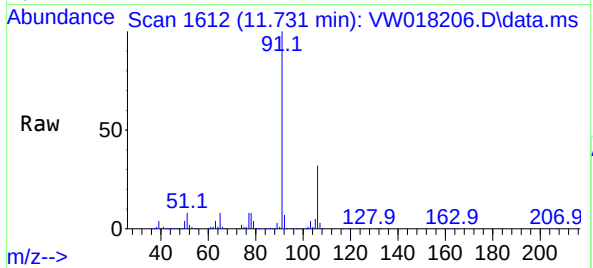
Tgt Ion:112 Resp: 364130
Ion Ratio Lower Upper
112 100
77 55.6 42.6 64.0
114 31.9 21.6 40.2



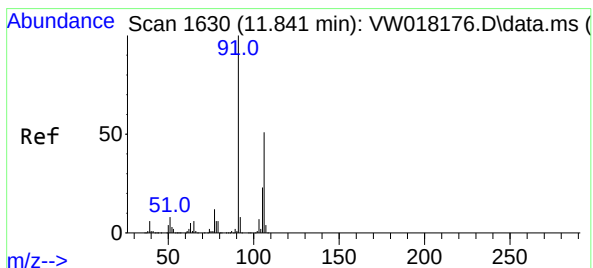
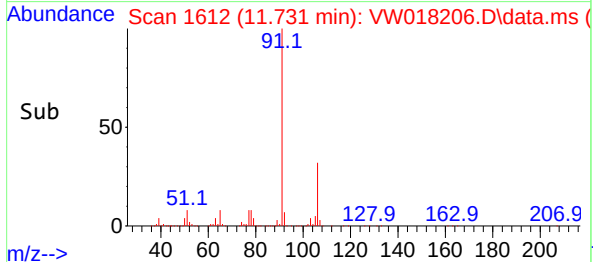
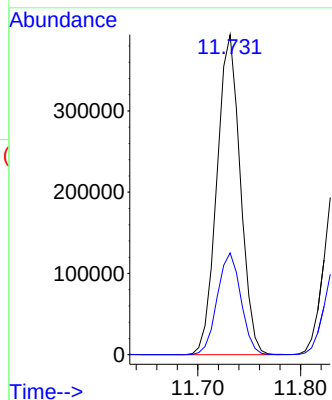


#53
Ethylbenzene
Concen: 27.96 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

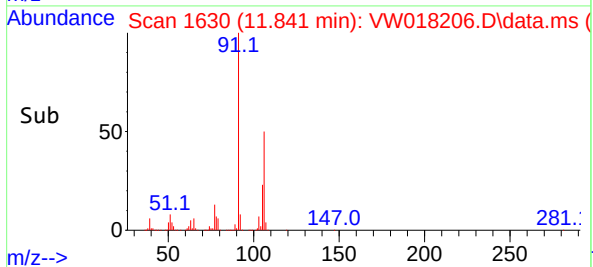
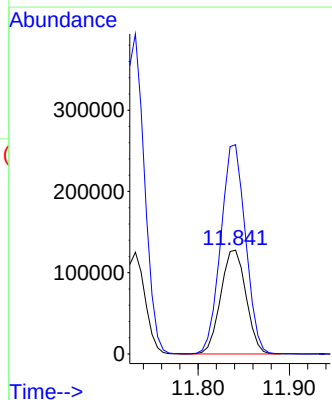
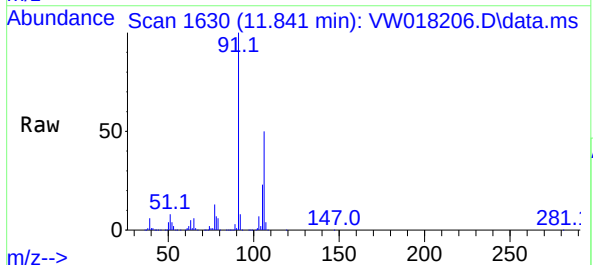


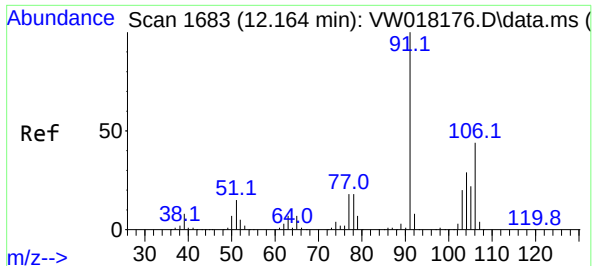
Tgt Ion: 91 Resp: 622767
Ion Ratio Lower Upper
91 100
106 31.8 21.1 39.1



#54
m,p-Xylene
Concen: 28.95 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion:106 Resp: 245856
Ion Ratio Lower Upper
106 100
91 201.5 136.4 253.4

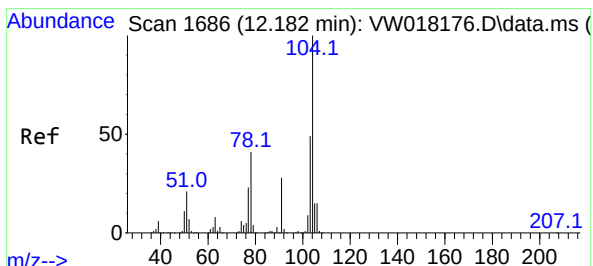
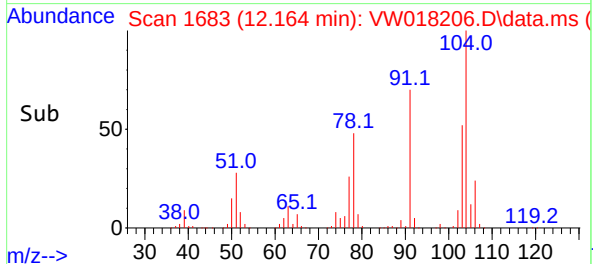
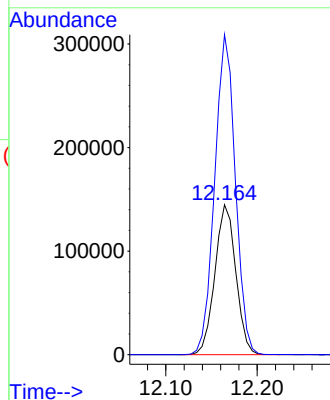
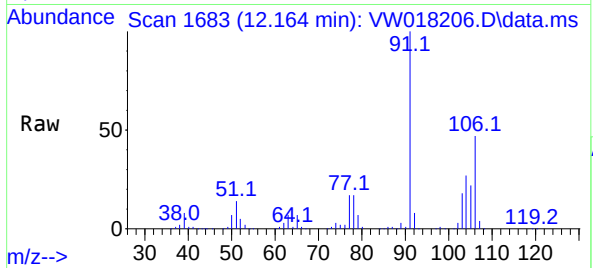




#55
o-xylene
Concen: 28.61 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

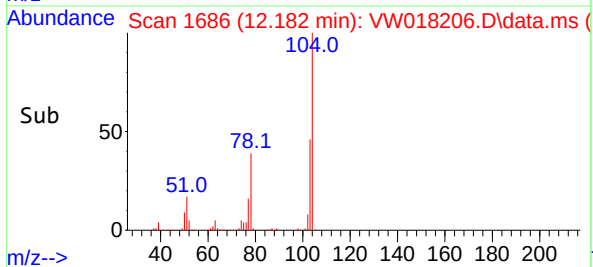
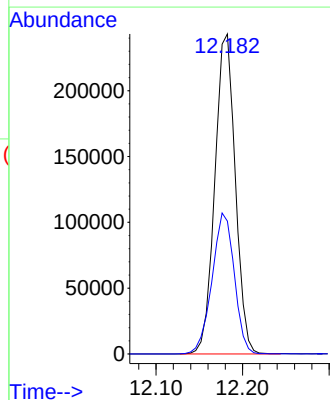
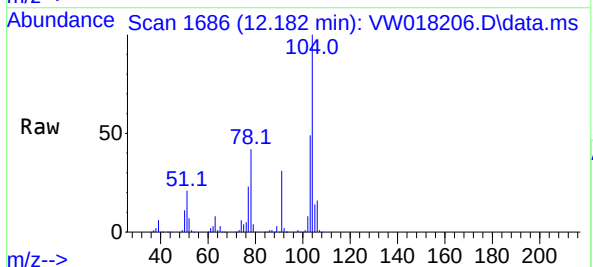
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion:106 Resp: 230484
Ion Ratio Lower Upper
106 100
91 213.4 147.6 274.2

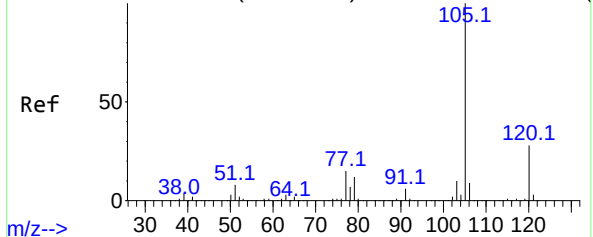


#56
Styrene
Concen: 29.13 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

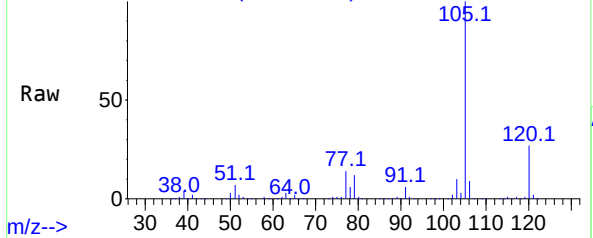
Tgt Ion:104 Resp: 399112
Ion Ratio Lower Upper
104 100
78 41.5 31.3 58.1



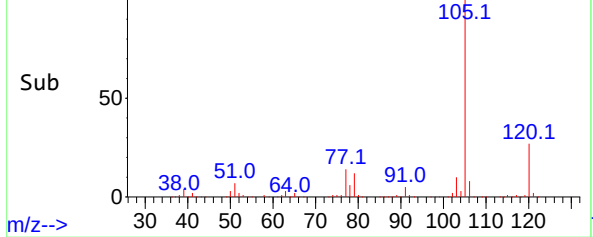
Abundance Scan 1732 (12.463 min): VW018176.D\data.ms (



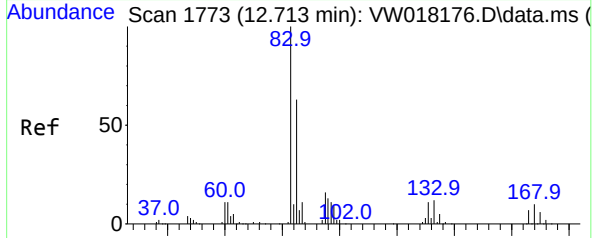
m/z--> Abundance Scan 1732 (12.463 min): VW018206.D\data.ms



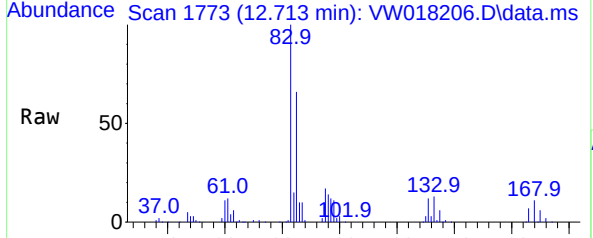
m/z--> Abundance Scan 1732 (12.463 min): VW018206.D\data.ms (



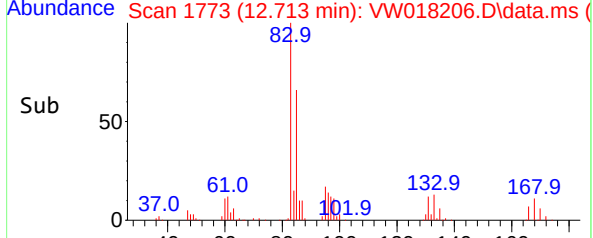
m/z--> Abundance Scan 1773 (12.713 min): VW018176.D\data.ms (



m/z--> Abundance Scan 1773 (12.713 min): VW018206.D\data.ms



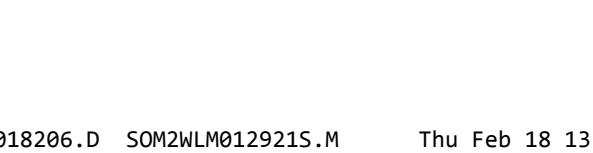
m/z--> Abundance Scan 1773 (12.713 min): VW018206.D\data.ms (



m/z--> Abundance Scan 1773 (12.713 min): VW018206.D\data.ms (

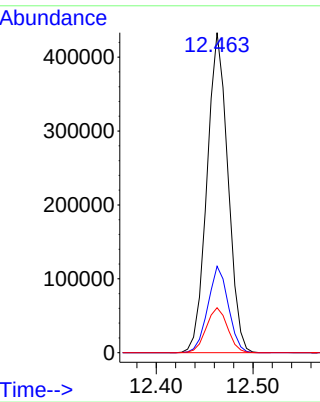


m/z--> Abundance Scan 1773 (12.713 min): VW018206.D\data.ms (



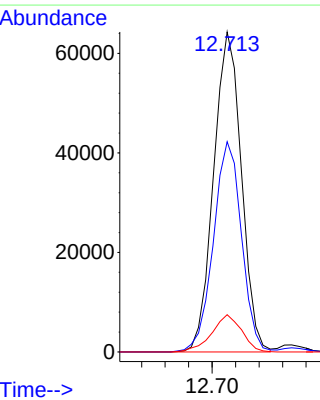
#57
Isopropylbenzene
Concen: 28.97 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

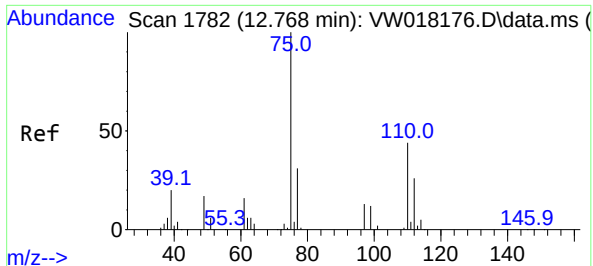
Tgt Ion:	105	Resp:	649984
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.4	32.2
77	14.3	12.1	18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 25.61 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion:	83	Resp:	105660
Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.3	84.1
131	11.6	8.3	12.5

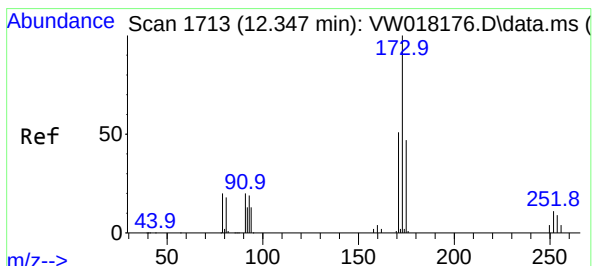
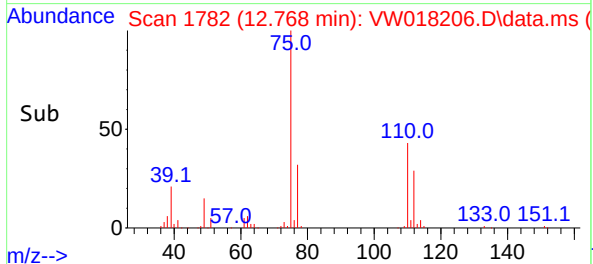
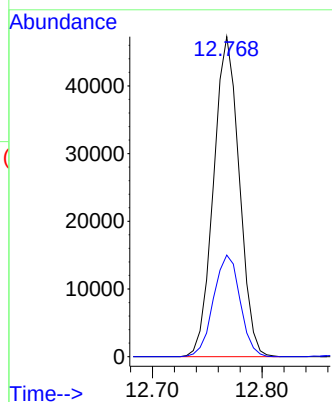
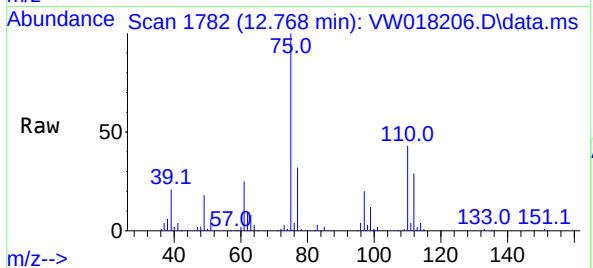




#59
1,2,3-Trichloropropane
Concen: 24.62 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

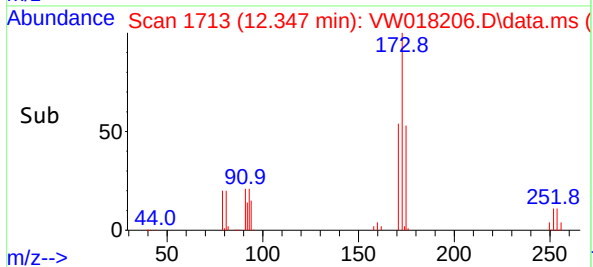
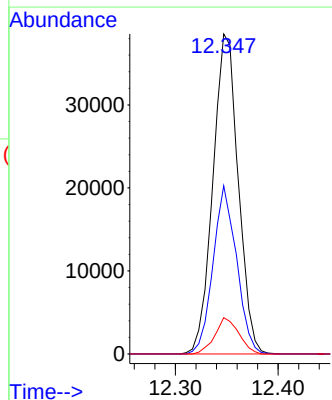
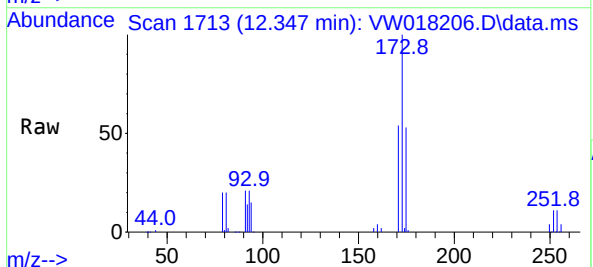
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

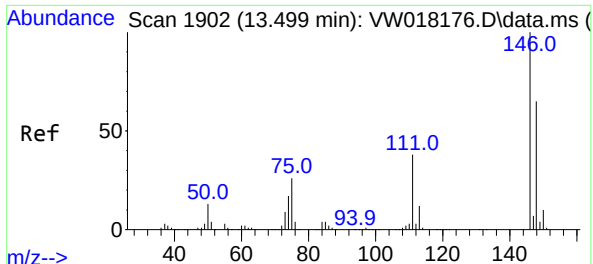
Tgt Ion: 75 Resp: 76977
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8



#62
Bromoform
Concen: 25.50 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion:173 Resp: 65973
Ion Ratio Lower Upper
173 100
175 48.8 39.1 58.7
254 10.7 7.1 10.7#

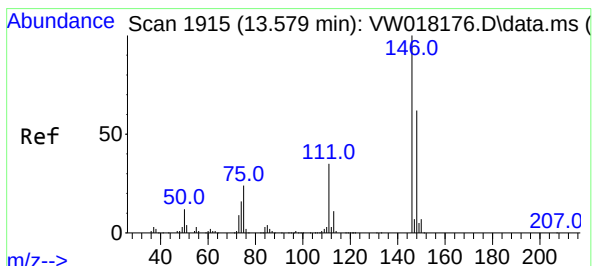
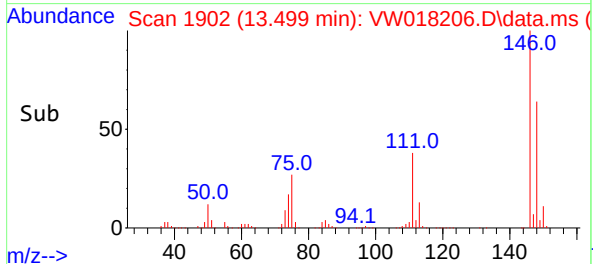
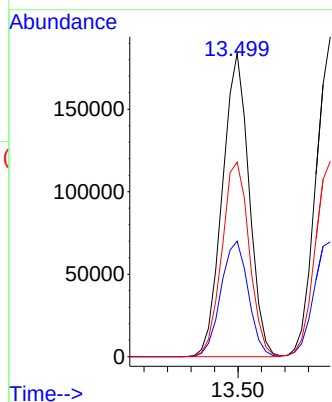
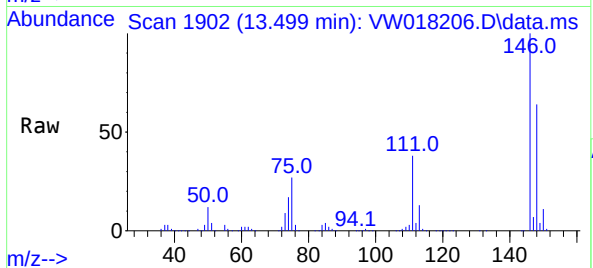




#63
1,3-Dichlorobenzene
Concen: 27.11 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

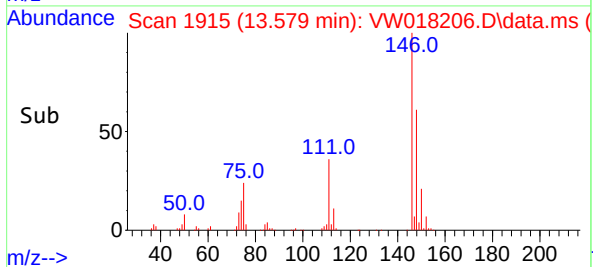
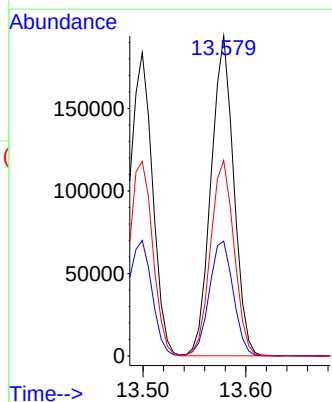
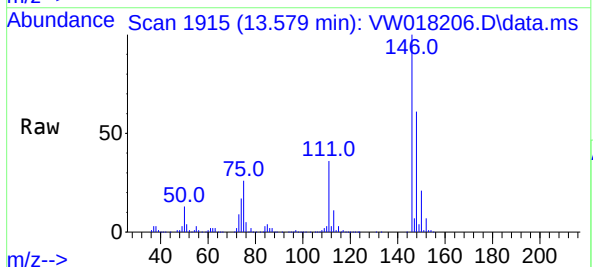
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

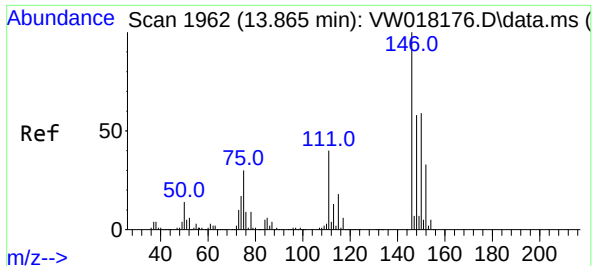
Tgt Ion:146 Resp: 290064
Ion Ratio Lower Upper
146 100
111 38.1 28.5 52.9
148 64.2 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 27.55 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion:146 Resp: 296517
Ion Ratio Lower Upper
146 100
111 35.9 27.7 51.5
148 61.1 47.0 87.2

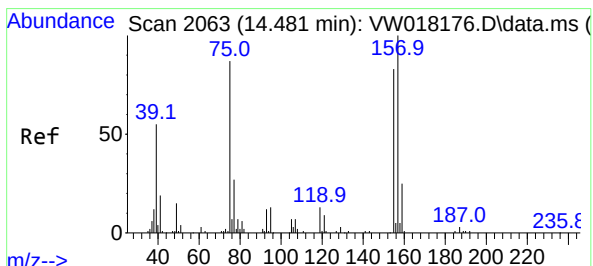
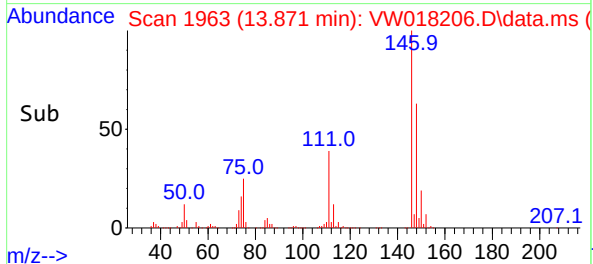
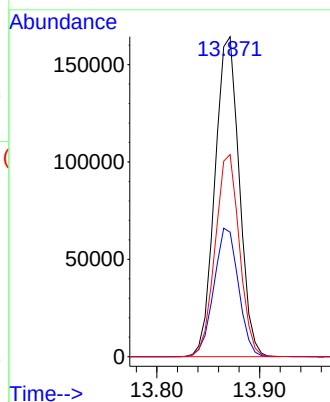
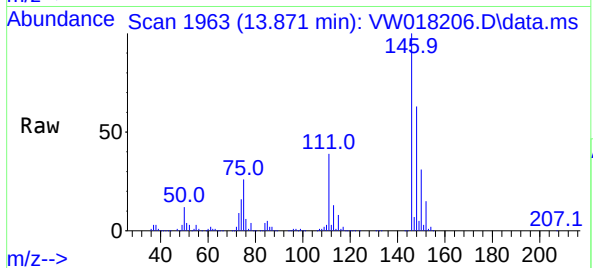




#65
1,2-Dichlorobenzene
Concen: 27.96 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

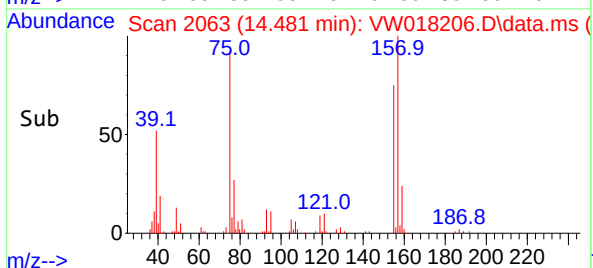
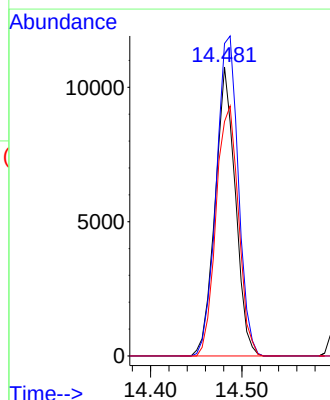
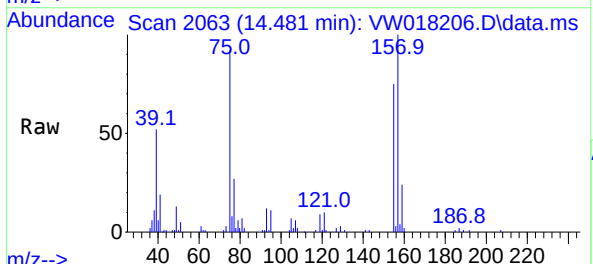
Instrument :
MSVOA_W
ClientSampled :
VSTD02530

Tgt Ion:146 Resp: 269828
Ion Ratio Lower Upper
146 100
111 38.9 31.7 47.5
148 63.1 49.3 73.9

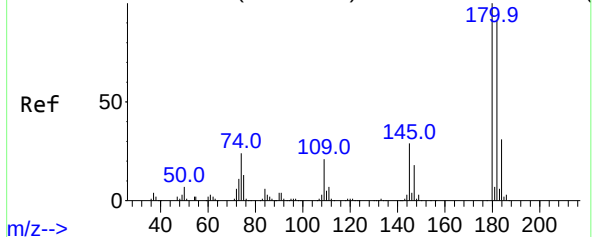


#66
1,2-Dibromo-3-chloropropane
Concen: 22.61 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

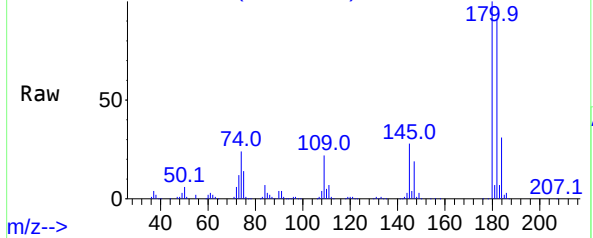
Tgt Ion: 75 Resp: 16527
Ion Ratio Lower Upper
75 100
157 108.2 99.9 149.9
155 81.1 71.4 107.0



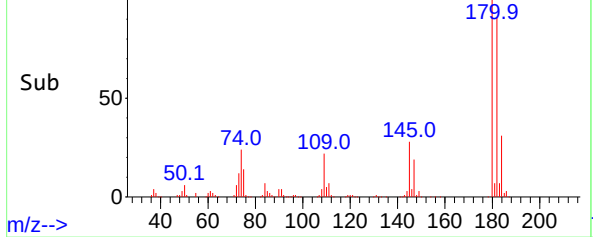
Abundance Scan 2087 (14.627 min): VW018176.D\data.ms (



m/z-->



Abundance Scan 2087 (14.627 min): VW018206.D\data.ms (

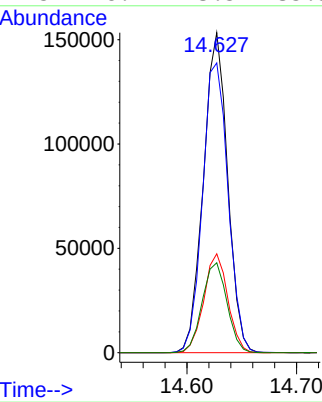


m/z-->

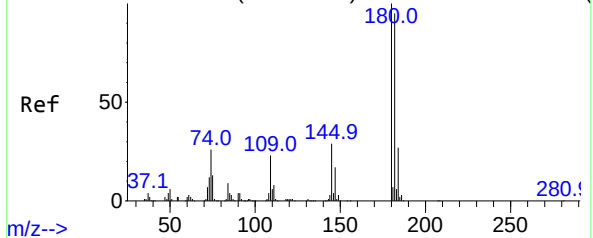
#67

1,3,5-Trichlorobenzene
Concen: 28.69 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

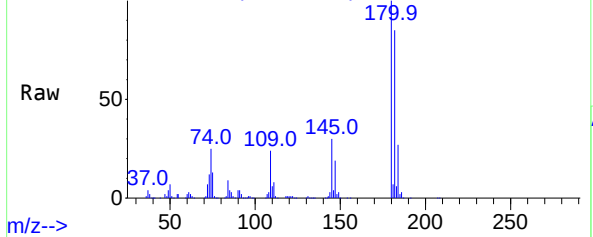
Tgt Ion:	180	Resp:	235840
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.6
184	30.7	24.2	36.4
145	28.7	23.5	35.3



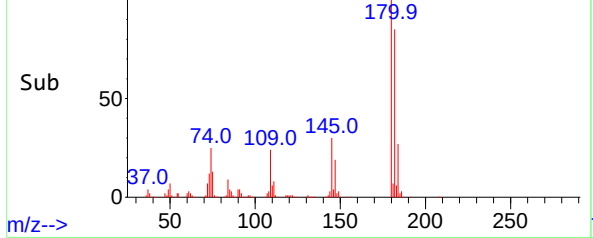
Abundance Scan 2169 (15.127 min): VW018176.D\data.ms (



m/z-->



Abundance Scan 2169 (15.127 min): VW018206.D\data.ms (

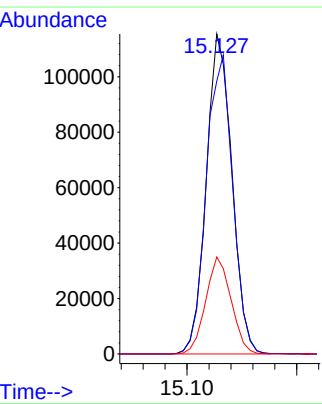


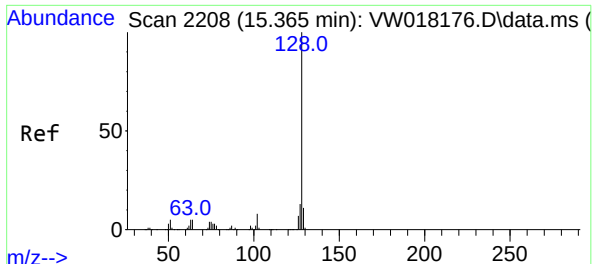
m/z-->

#68

1,2,4-trichlorobenzene
Concen: 27.37 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion:	180	Resp:	187564
Ion	Ratio	Lower	Upper
180	100		
182	96.5	71.3	106.9
145	30.0	24.0	36.0

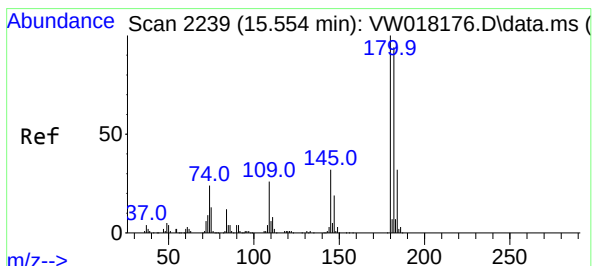
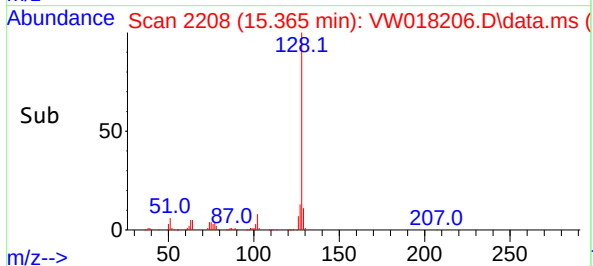
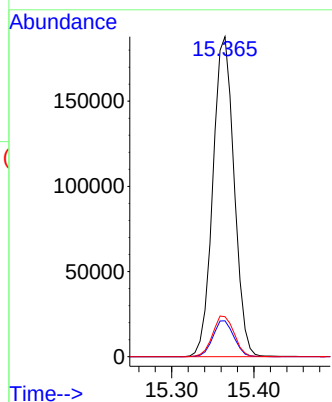
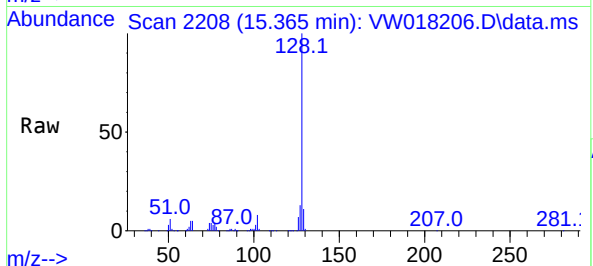




#69
Naphthalene
Concen: 25.28 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion:128 Resp: 337082
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 26.86 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018206.D
Acq: 18 Feb 2021 12:54

Tgt Ion:180 Resp: 164113
Ion Ratio Lower Upper
180 100
182 93.7 74.7 112.1
145 31.0 25.4 38.0

