

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018197.D
 Acq On : 17 Feb 2021 19:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:19:25 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	369729	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	334894	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	177755	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	89003	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.48%
7) Chloroethane-d5	2.898	69	80272	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
10) 1,1-Dichloroethene-d2	4.025	63	210122	22.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.48%
20) 2-Butanone-d5	7.074	46	61721	50.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.66%
24) Chloroform-d	7.653	84	256092	26.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.56%
26) 1,2-Dichloroethane-d4	8.305	65	125436	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.08%
29) Benzene-d6	8.275	84	488831	26.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.32%
33) 1,2-Dichloropropane-d6	9.274	67	137743	26.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.12%
37) Toluene-d8	10.323	98	464473	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.20%
38) trans-1,3-Dichloroprop...	10.579	79	60794	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.32%
39) 2-Hexanone-d5	10.921	63	54823	55.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.50%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	123302	27.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.16%
61) 1,2-Dichlorobenzene-d4	13.853	152	182957	28.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	106823	21.35	ug/L	95
3) Chloromethane	2.215	50	81158	22.03	ug/L	98
5) Vinyl chloride	2.367	62	126987	24.99	ug/L	96
6) Bromomethane	2.788	94	86352	23.89	ug/L	99
8) Chloroethane	2.928	64	75181	24.76	ug/L	100
9) Trichlorofluoromethane	3.263	101	90739	24.69	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	136107	25.92	ug/L #	62
12) 1,1-Dichloroethene	4.050	96	131652	26.65	ug/L	87
13) Acetone	4.117	43	37243	41.05	ug/L	98
14) Carbon disulfide	4.391	76	349680	24.30	ug/L	98
15) Methyl Acetate	4.666	43	43992	21.86	ug/L	96
16) Methylene chloride	4.922	84	138866	23.44	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	142430	25.68	ug/L	96
18) trans-1,2-Dichloroethene	5.428	96	138924	26.31	ug/L	93
19) 1,1-Dichloroethane	6.214	63	220836	25.92	ug/L	97
21) 2-Butanone	7.165	43	59434	43.03	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	148029	27.03	ug/L	94
23) Bromochloromethane	7.513	128	68445	26.00	ug/L	92
25) Chloroform	7.677	83	242187	26.04	ug/L	99

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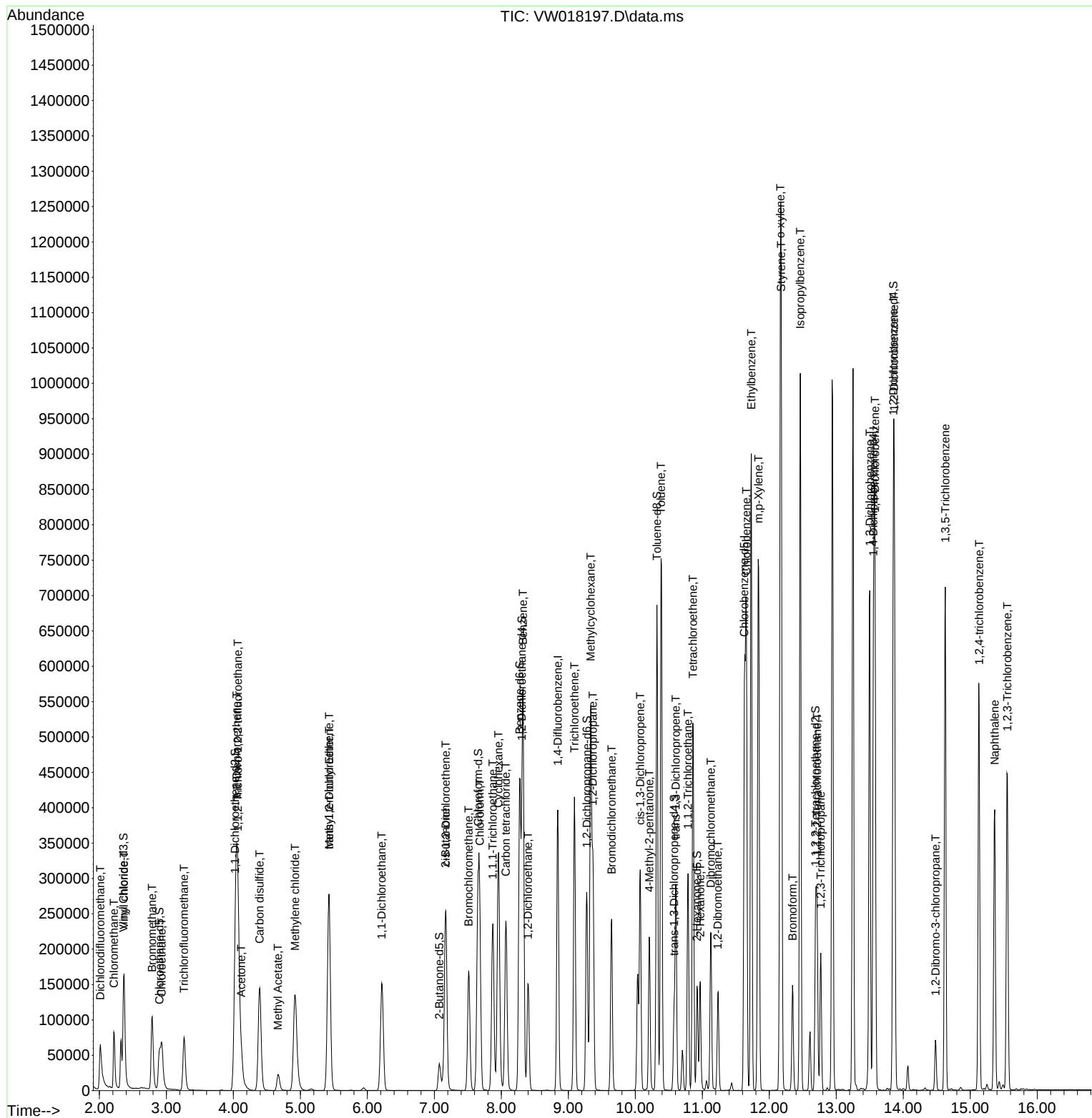
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	142596	23.63	ug/L	98
30) Cyclohexane	7.958	56	198964	25.97	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	199931	26.92	ug/L	98
32) Carbon tetrachloride	8.067	117	192476	26.76	ug/L	98
34) Benzene	8.323	78	521313	26.63	ug/L	100
35) Trichloroethene	9.092	95	145593	26.40	ug/L	98
36) Methylcyclohexane	9.335	83	243196	26.22	ug/L	96
40) 1,2-Dichloropropane	9.366	63	119744	26.66	ug/L	99
41) Bromodichloromethane	9.646	83	167266	26.01	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	192361	26.57	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	130403	46.69	ug/L #	92
44) Toluene	10.384	91	595544	27.64	ug/L	100
45) trans-1,3-Dichloropropene	10.604	75	163434	25.94	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	99591	25.98	ug/L	97
47) Tetrachloroethene	10.860	164	127677	27.19	ug/L	96
49) 2-Hexanone	10.969	43	90920	46.85	ug/L	95
50) Dibromochloromethane	11.128	129	122975	26.77	ug/L	99
51) 1,2-Dibromoethane	11.231	107	96622	25.27	ug/L #	93
52) Chlorobenzene	11.658	112	378182	26.65	ug/L	97
53) Ethylbenzene	11.731	91	659976	26.96	ug/L	96
54) m,p-Xylene	11.841	106	258577	27.70	ug/L	99
55) o-xylene	12.164	106	244884	27.66	ug/L	99
56) Styrene	12.176	104	411185	27.30	ug/L	99
57) Isopropylbenzene	12.463	105	672212	27.26	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	113231	24.97	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	82199	23.92	ug/L	99
62) Bromoform	12.347	173	71684	26.17	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	310685	27.42	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	308822	27.10	ug/L	94
65) 1,2-Dichlorobenzene	13.865	146	279869	27.39	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	17746	22.93	ug/L	91
67) 1,3,5-Trichlorobenzene	14.627	180	243314	27.95	ug/L	98
68) 1,2,4-trichlorobenzene	15.133	180	195832	26.99	ug/L	93
69) Naphthalene	15.365	128	362567	25.68	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	171068	26.45	ug/L	99

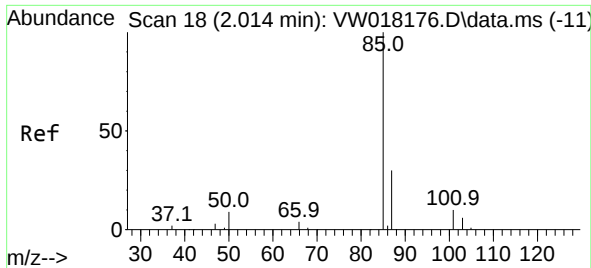
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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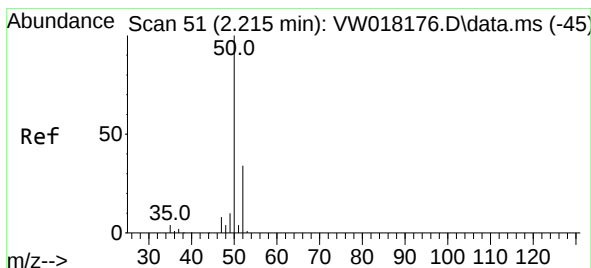
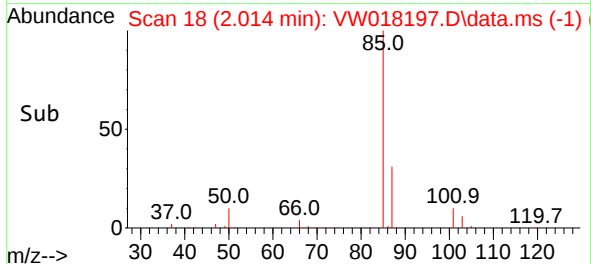
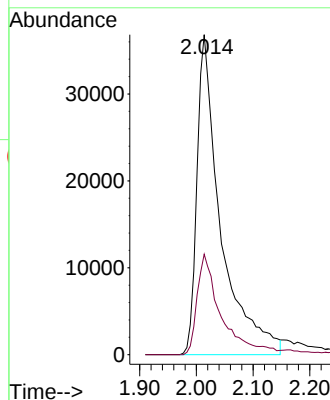
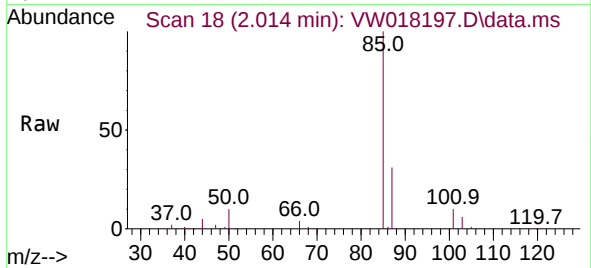




#2
Dichlorodifluoromethane
Concen: 21.35 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

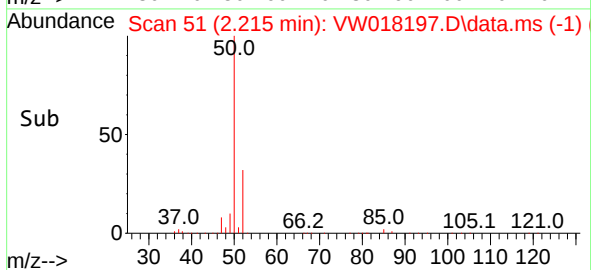
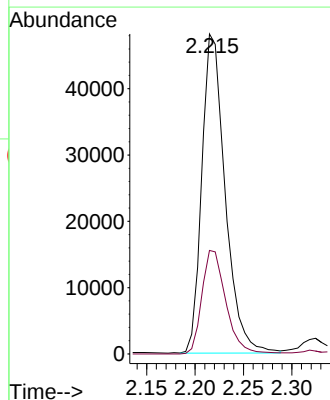
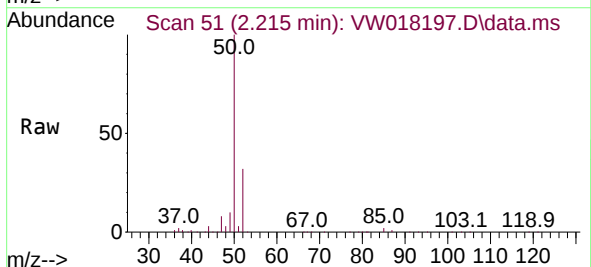
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MSVOA_W
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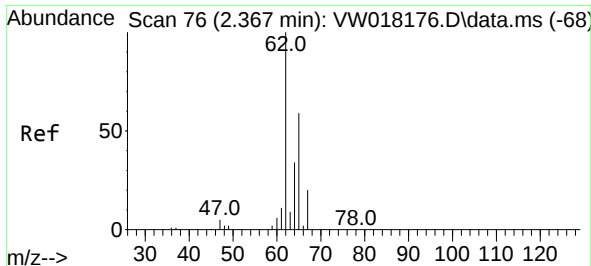
Tgt Ion: 85 Resp: 106823
Ion Ratio Lower Upper
85 100
87 30.3 23.2 43.0



#3
Chloromethane
Concen: 22.03 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 50 Resp: 81158
Ion Ratio Lower Upper
50 100
52 32.3 23.4 43.6

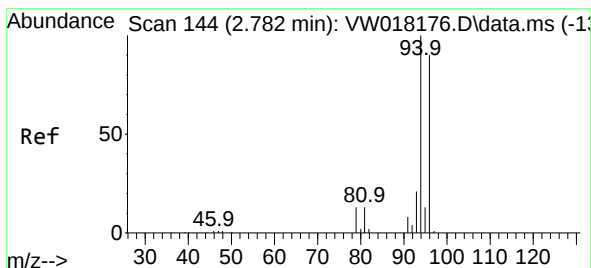
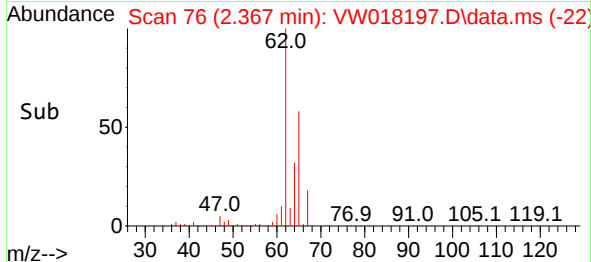
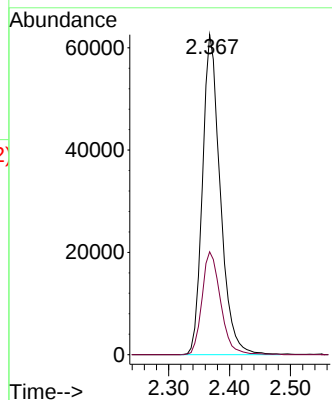
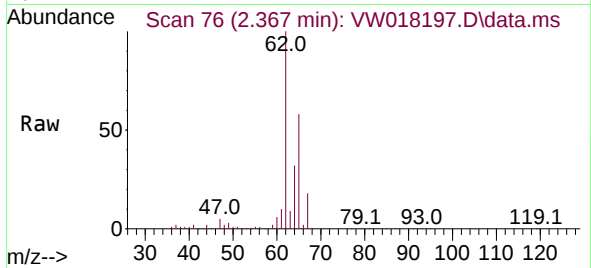




#5
 Vinyl chloride
 Concen: 24.99 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018197.D
 Acq: 17 Feb 2021 19:24

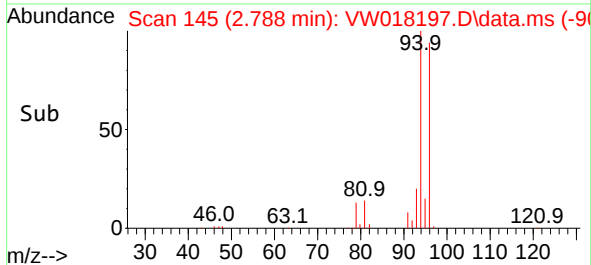
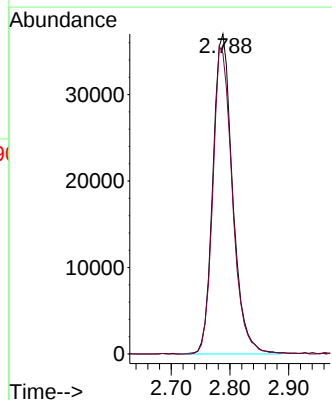
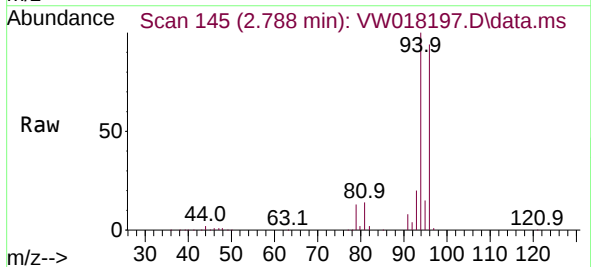
Instrument :
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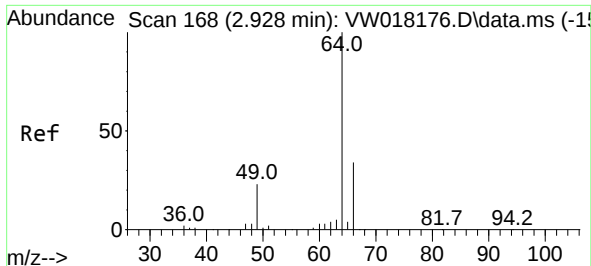
Tgt Ion: 62 Resp: 126987
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.9 44.5



#6
 Bromomethane
 Concen: 23.89 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018197.D
 Acq: 17 Feb 2021 19:24

Tgt Ion: 94 Resp: 86352
 Ion Ratio Lower Upper
 94 100
 96 94.9 9.4 178.0

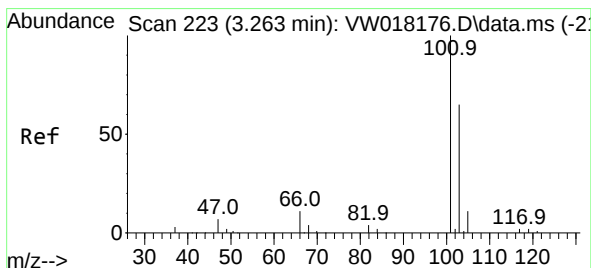
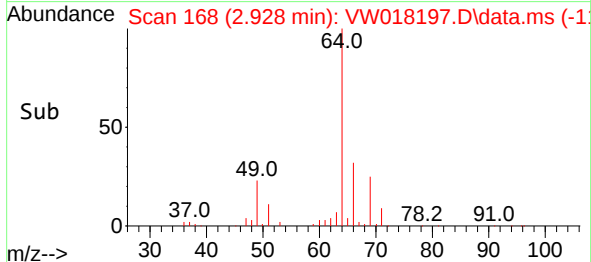
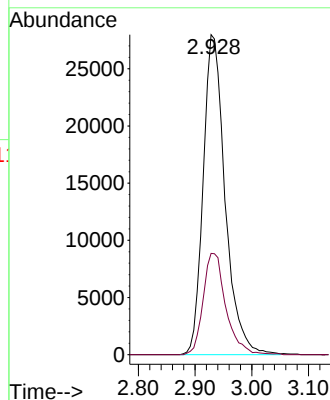
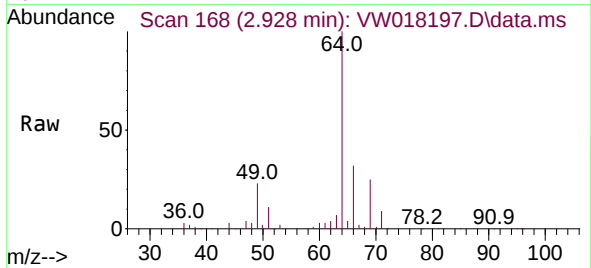




#8
Chloroethane
Concen: 24.76 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

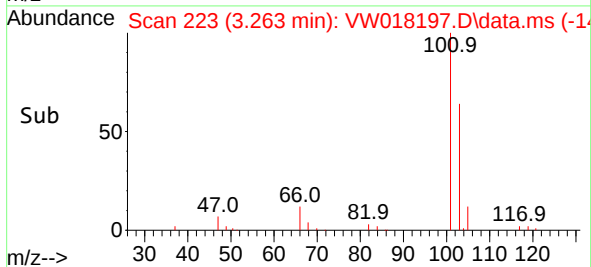
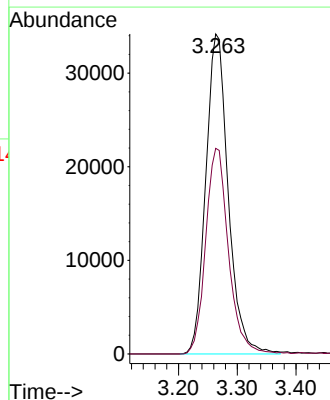
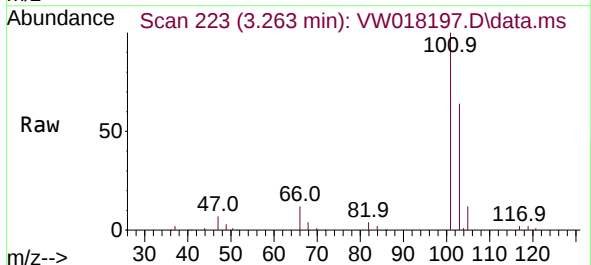
Instrument :
MSVOA_W
ClientSampled :

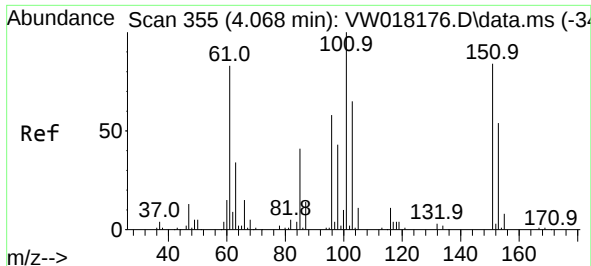
Tgt Ion: 64 Resp: 75181
Ion Ratio Lower Upper
64 100
66 31.7 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.69 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion:101 Resp: 90739
Ion Ratio Lower Upper
101 100
103 65.3 45.0 83.6

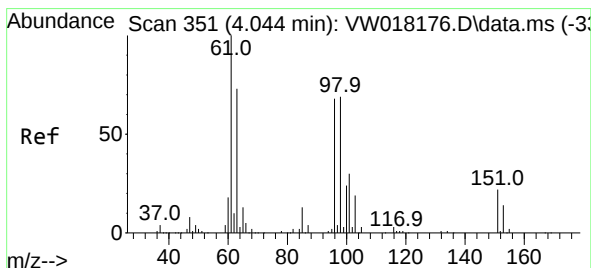
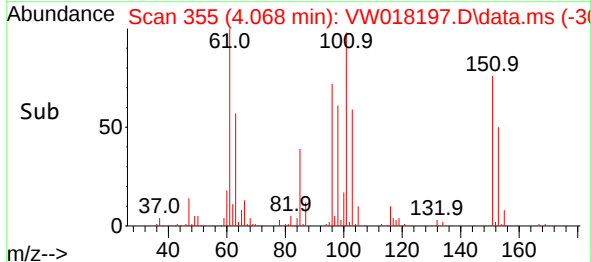
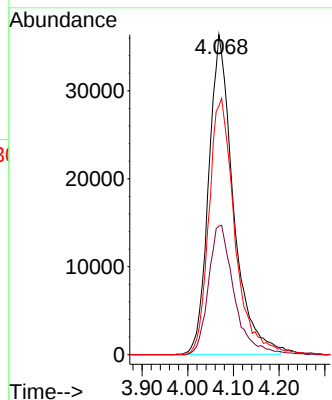
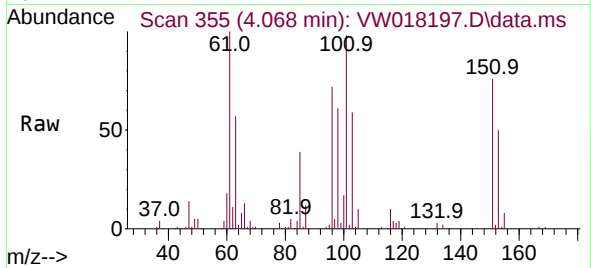




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.92 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018197.D
 Acq: 17 Feb 2021 19:24

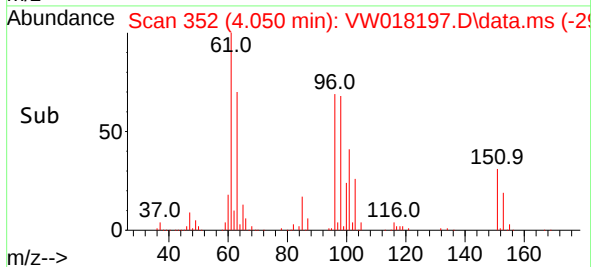
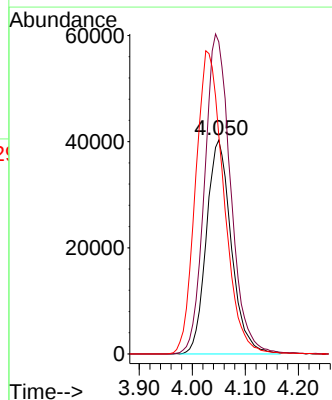
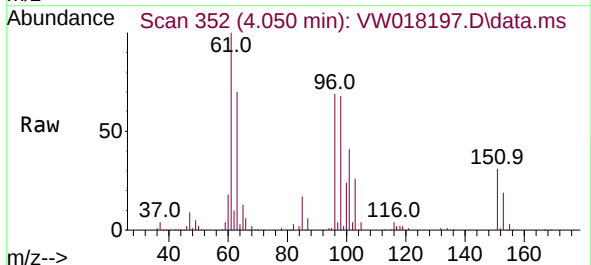
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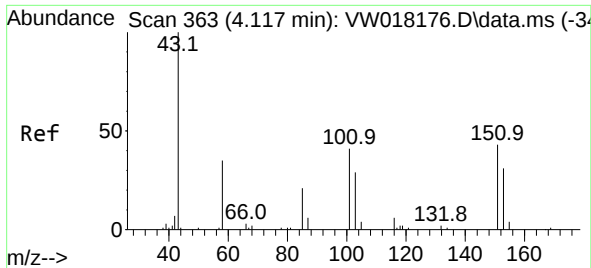
Tgt Ion:101 Resp: 136107
 Ion Ratio Lower Upper
 101 100
 85 40.7 34.2 51.4
 151 83.8 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 26.65 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018197.D
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Tgt Ion: 96 Resp: 131652
 Ion Ratio Lower Upper
 96 100
 61 145.9 112.5 208.9
 63 102.3 83.1 154.3

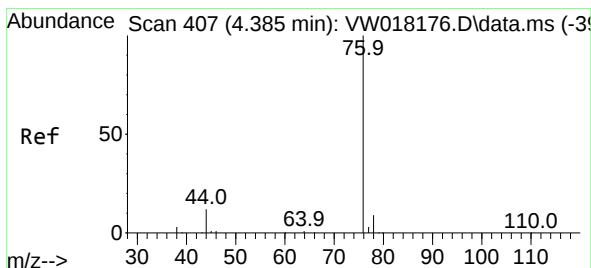
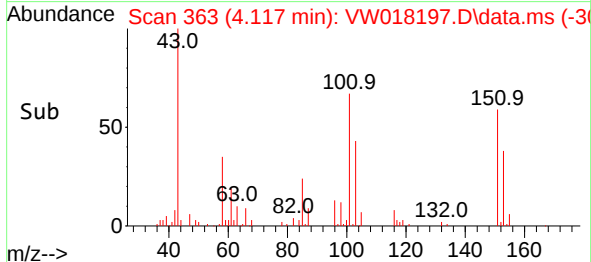
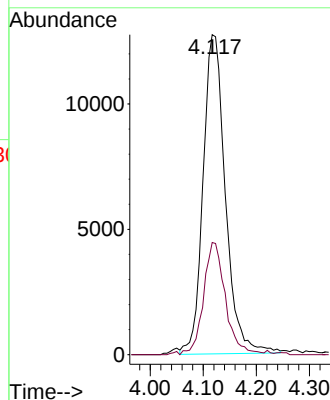
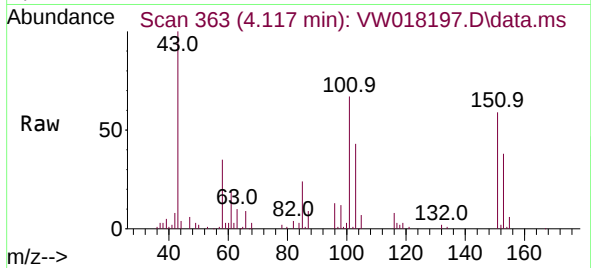




#13
Acetone
Concen: 41.05 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

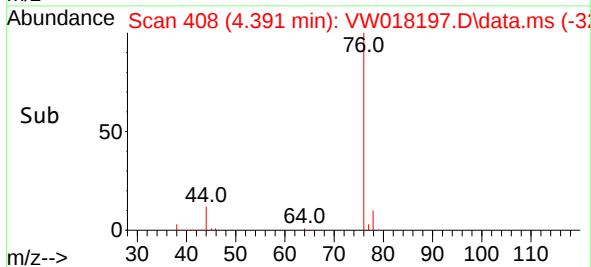
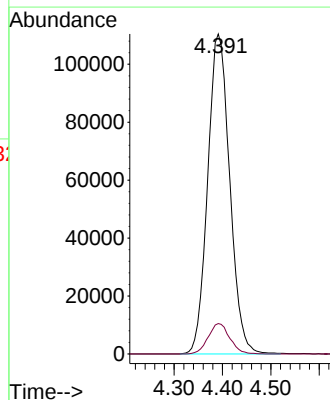
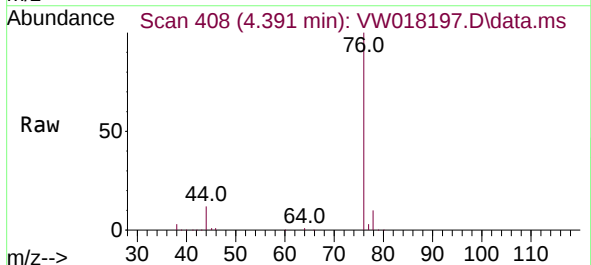
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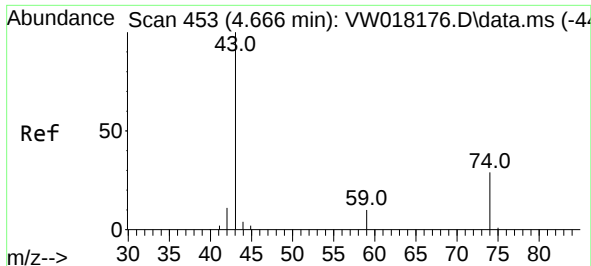
Tgt Ion: 43 Resp: 37243
Ion Ratio Lower Upper
43 100
58 33.2 0.0 68.4



#14
Carbon disulfide
Concen: 24.30 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 349680
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

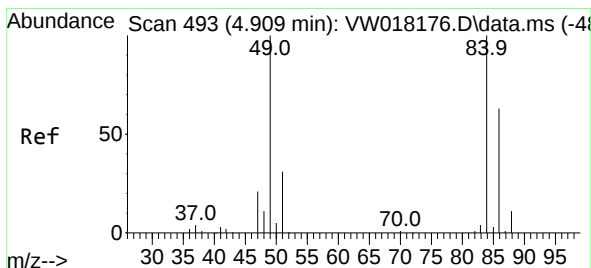
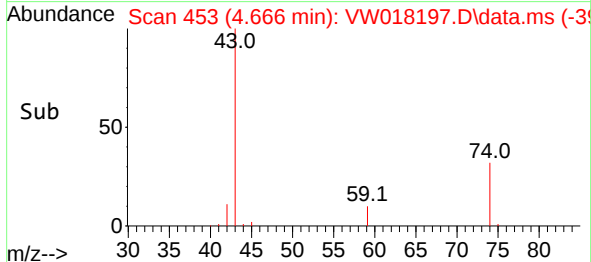
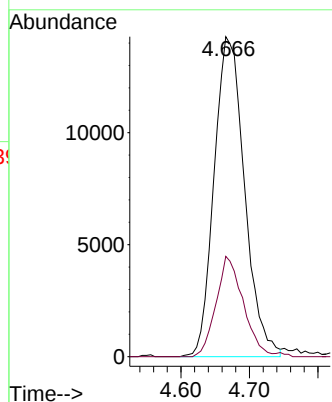
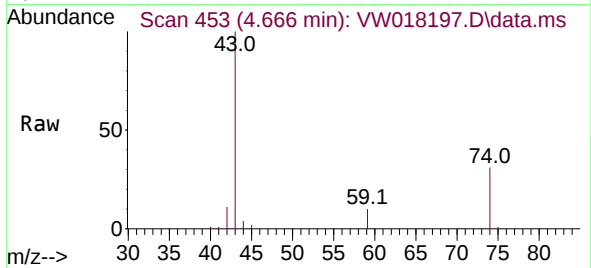




#15
Methyl Acetate
Concen: 21.86 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

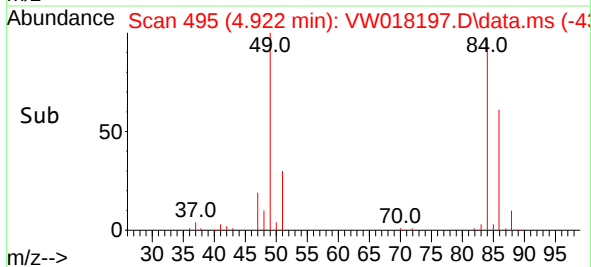
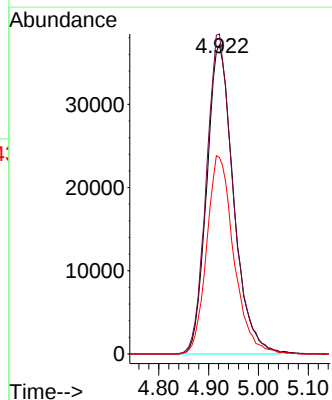
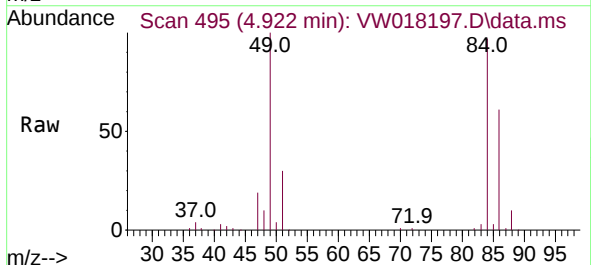
Instrument :
MSVOA_W
ClientSampled :

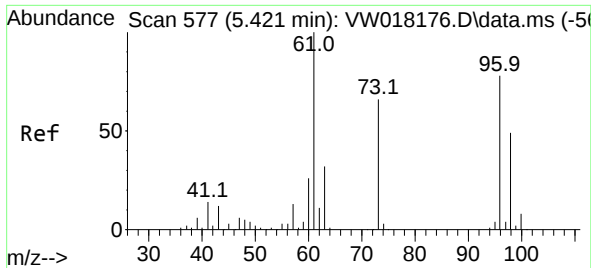
Tgt Ion: 43 Resp: 43992
Ion Ratio Lower Upper
43 100
74 27.9 20.7 31.1



#16
Methylene chloride
Concen: 23.44 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 84 Resp: 138866
Ion Ratio Lower Upper
84 100
49 103.5 81.2 150.8
86 63.6 44.5 82.7

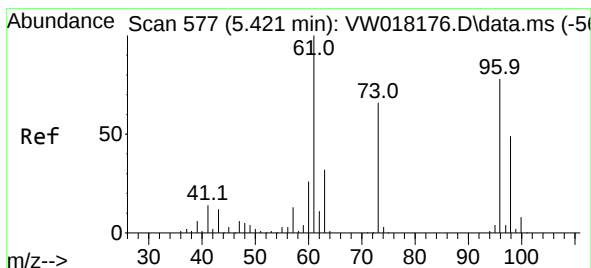
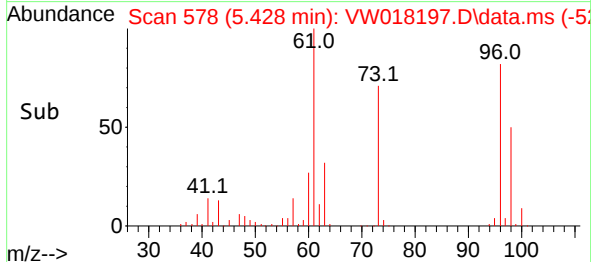
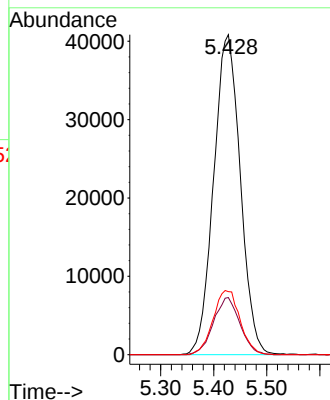
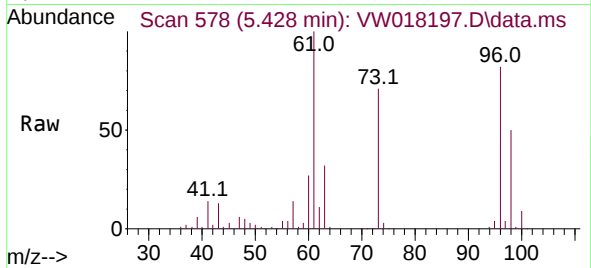




#17
Methyl tert-butyl Ether
Concen: 25.68 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

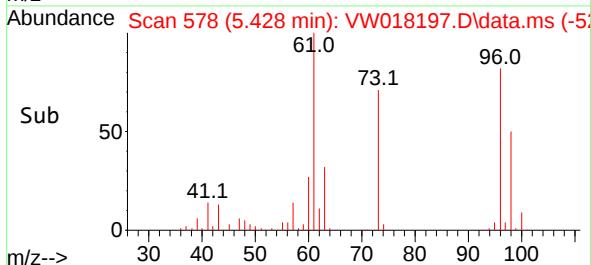
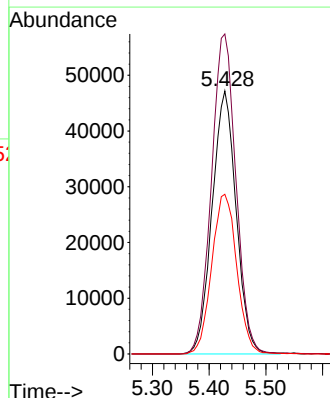
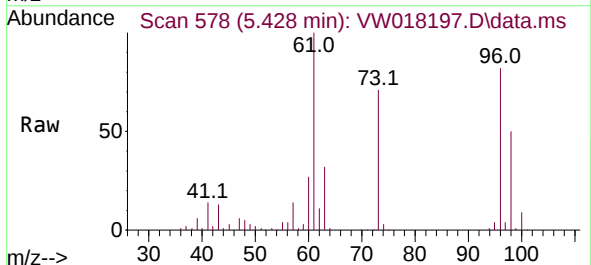
Instrument :
MSVOA_W
ClientSampleId :

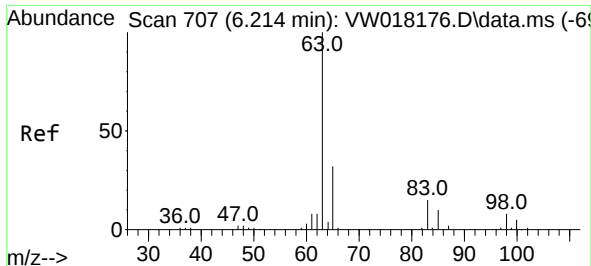
Tgt Ion: 73	Resp: 142430		
Ion Ratio	Lower	Upper	
73	100		
43	17.7	16.2	24.4
57	20.3	17.2	25.8



#18
trans-1,2-Dichloroethene
Concen: 26.31 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 96	Resp: 138924
Ion Ratio	Lower Upper
96 100	
61 121.6	92.7 172.1
98 60.7	43.3 80.3





#19

1,1-Dichloroethane

Concen: 25.92 ug/L

RT: 6.214 min Scan# 707

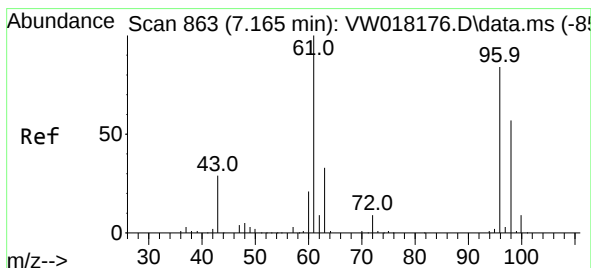
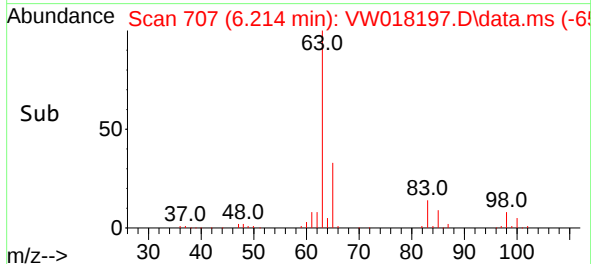
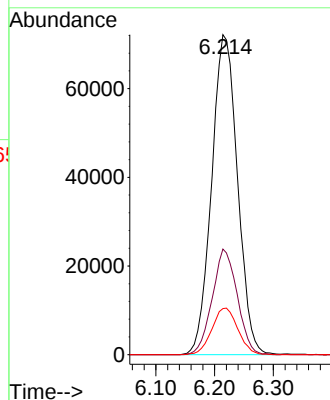
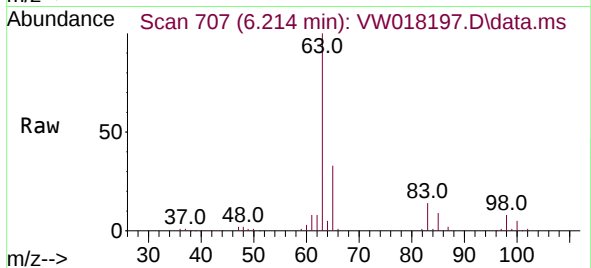
Delta R.T. 0.000 min

Lab File: VW018197.D

Acq: 17 Feb 2021 19:24

Tgt Ion:	63	Resp:	220836
Ion	Ratio	Lower	Upper
63	100		
65	33.0	21.9	40.7
83	14.4	9.4	17.6

Instrument :
MSVOA_W
ClientSampled :



#21

2-Butanone

Concen: 43.03 ug/L

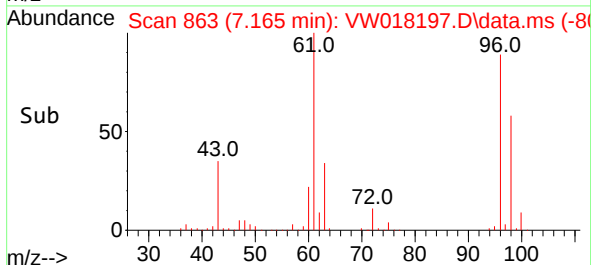
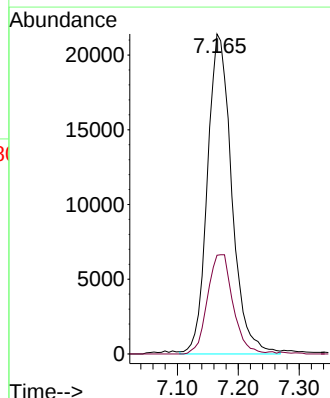
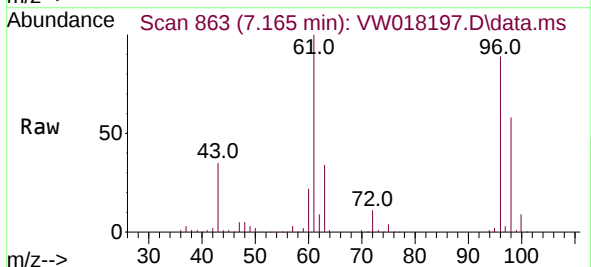
RT: 7.165 min Scan# 863

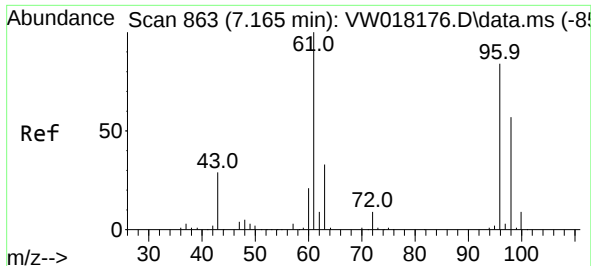
Delta R.T. 0.000 min

Lab File: VW018197.D

Acq: 17 Feb 2021 19:24

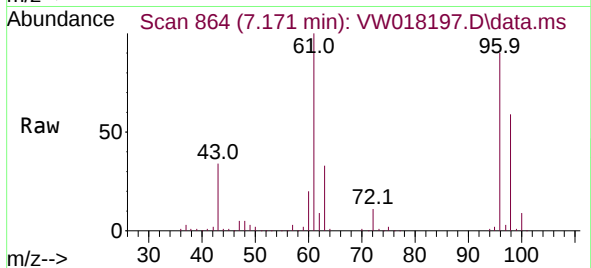
Tgt Ion:	43	Resp:	59434
Ion	Ratio	Lower	Upper
43	100		
72	32.3	14.4	43.2





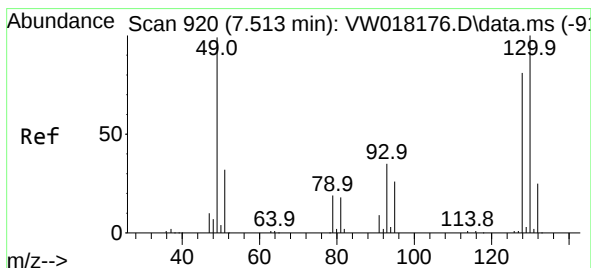
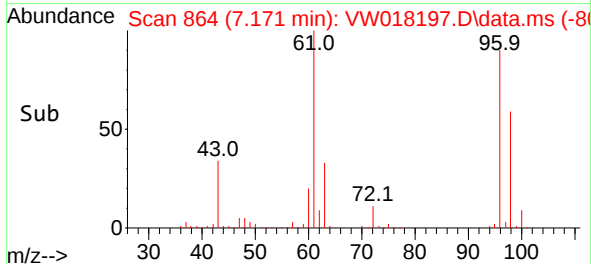
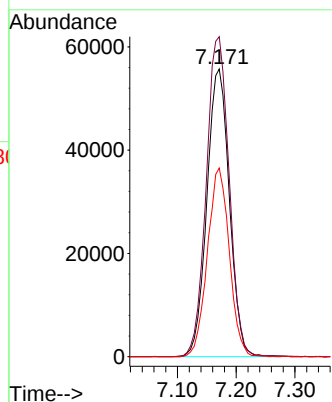
#22
cis-1,2-Dichloroethene
Concen: 27.03 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 148029

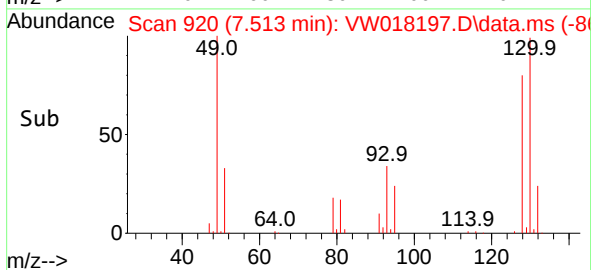
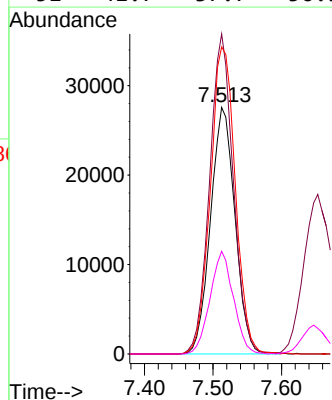
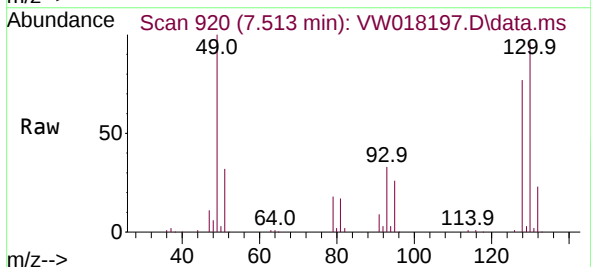
Ion	Ratio	Lower	Upper
96	100		
61	111.2	84.6	157.2
98	65.6	44.7	82.9

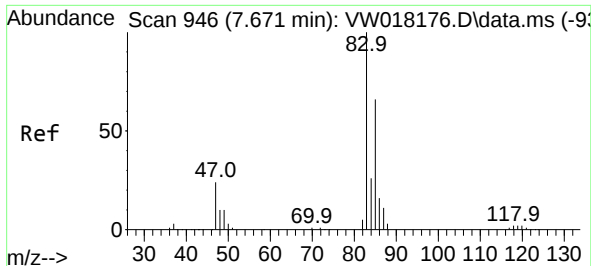


#23
Bromochloromethane
Concen: 26.00 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 128 Resp: 68445

Ion	Ratio	Lower	Upper
128	100		
49	129.8	101.6	188.6
130	124.5	90.4	167.8
51	41.7	37.7	56.5

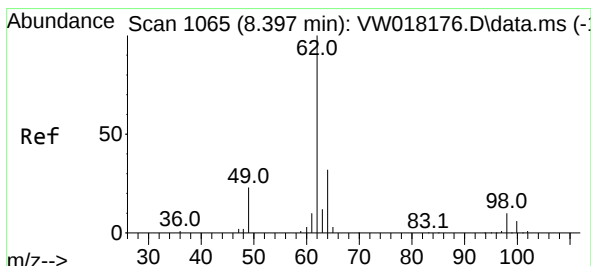
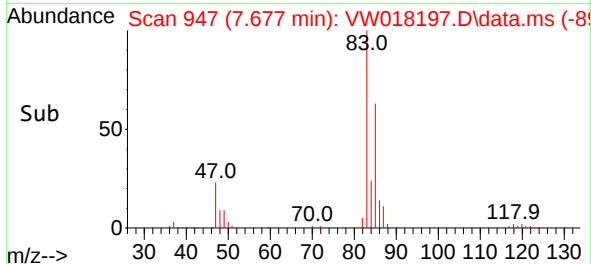
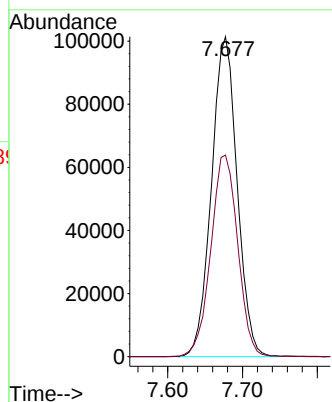
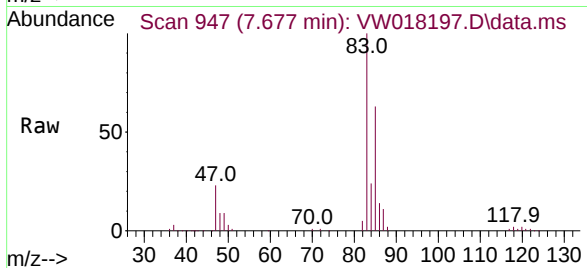




#25
Chloroform
Concen: 26.04 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

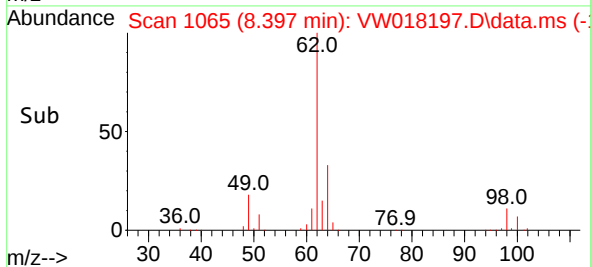
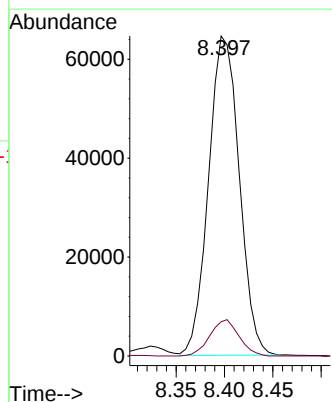
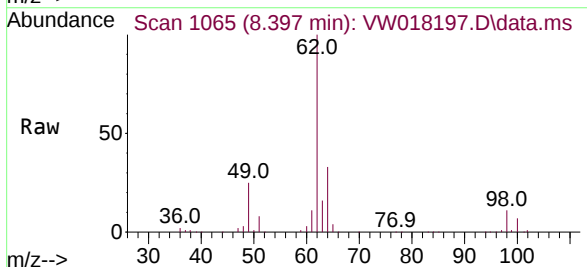
Instrument :
MSVOA_W
ClientSampled :

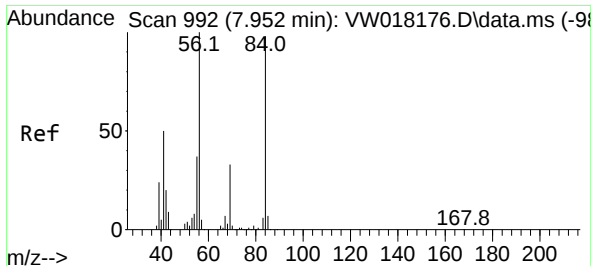
Tgt Ion: 83 Resp: 242187
Ion Ratio Lower Upper
83 100
85 66.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 23.63 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

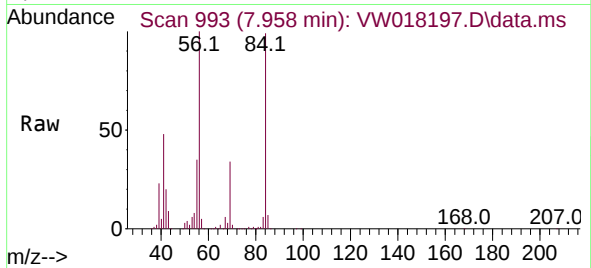
Tgt Ion: 62 Resp: 142596
Ion Ratio Lower Upper
62 100
98 10.7 8.0 12.0



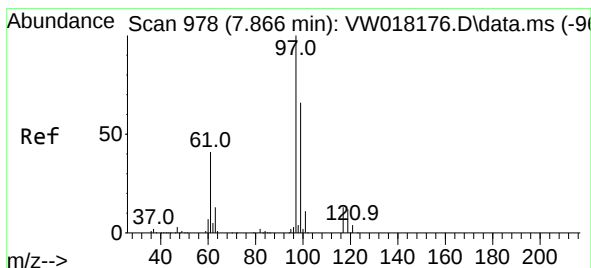
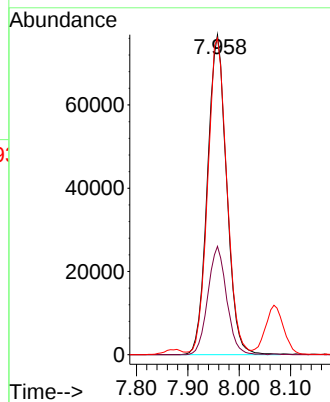
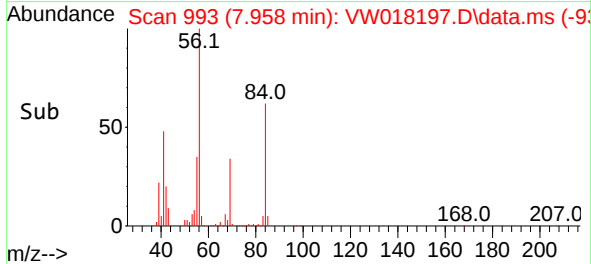


#30
Cyclohexane
Concen: 25.97 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

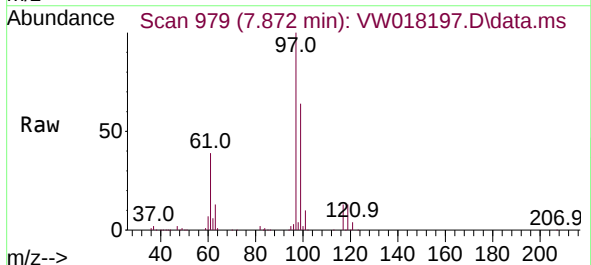
Instrument :
MSVOA_W
ClientSampleId :



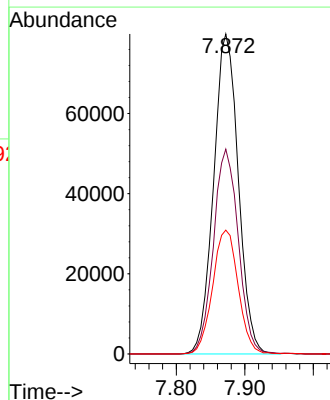
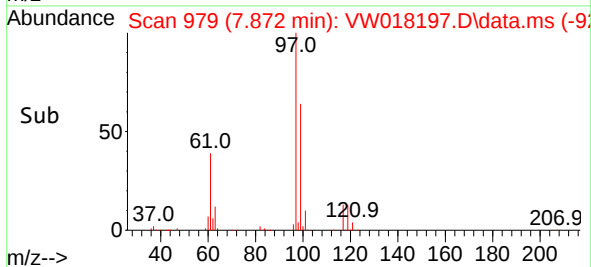
Tgt Ion: 56 Resp: 198964
Ion Ratio Lower Upper
56 100
69 33.0 24.8 37.2
84 98.7 74.2 111.4

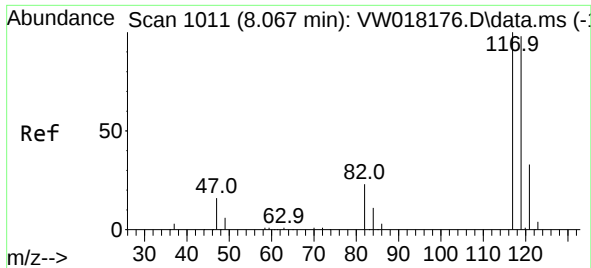


#31
1,1,1-Trichloroethane
Concen: 26.92 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 97 Resp: 199931
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 40.0 33.6 50.4

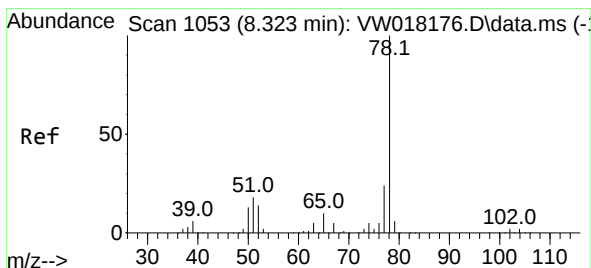
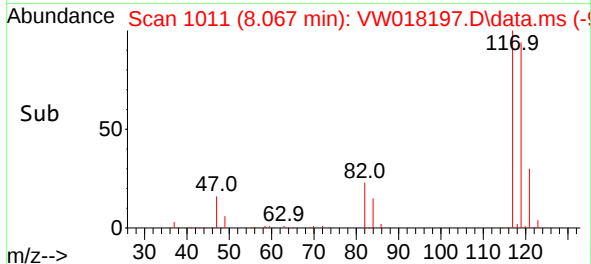
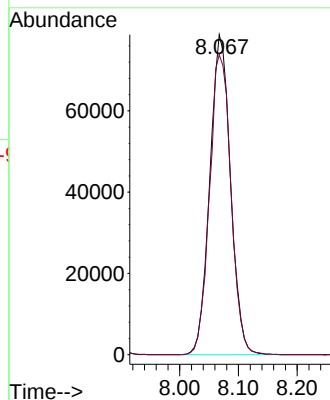
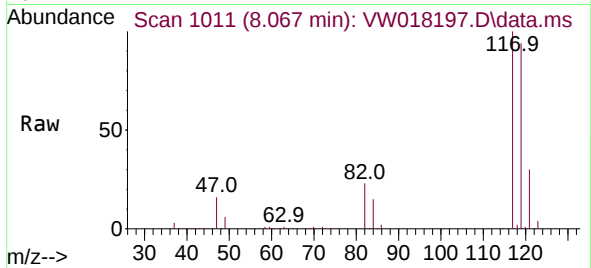




#32
Carbon tetrachloride
Concen: 26.76 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

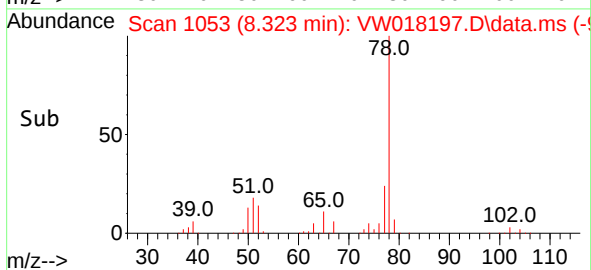
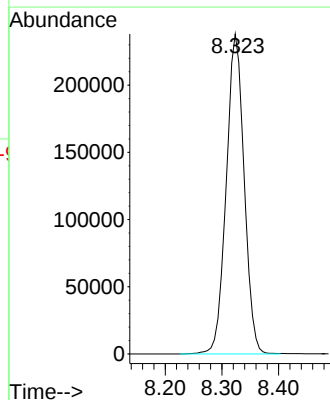
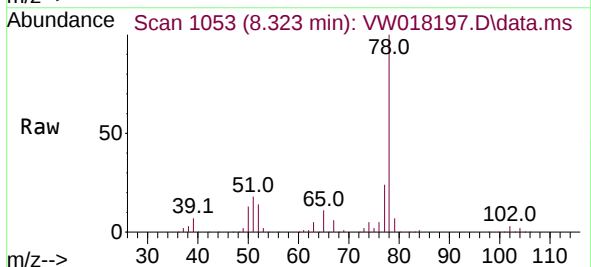
Instrument :
MSVOA_W
ClientSampled :

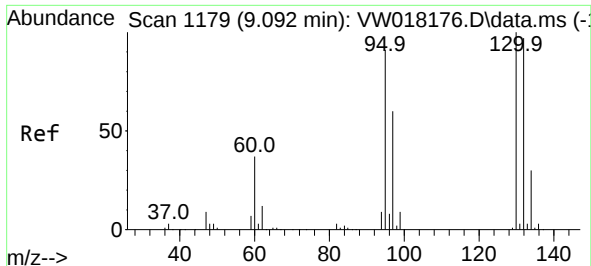
Tgt Ion:117 Resp: 192476
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8



#34
Benzene
Concen: 26.63 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

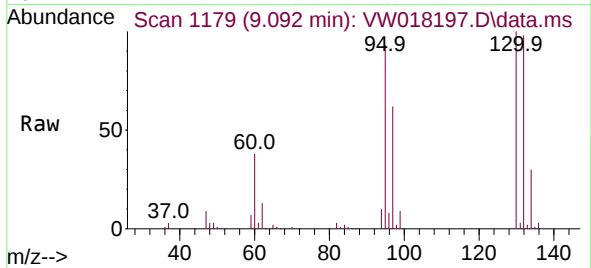
Tgt Ion: 78 Resp: 521313





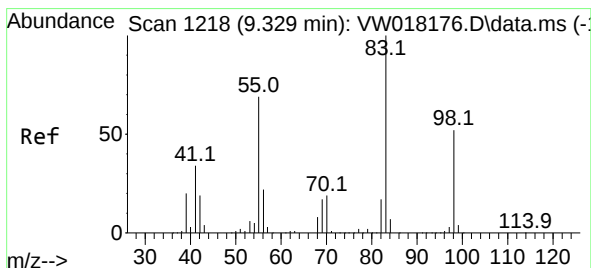
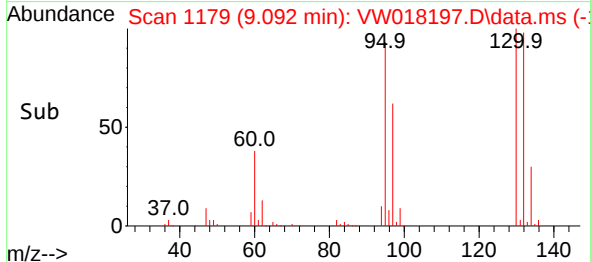
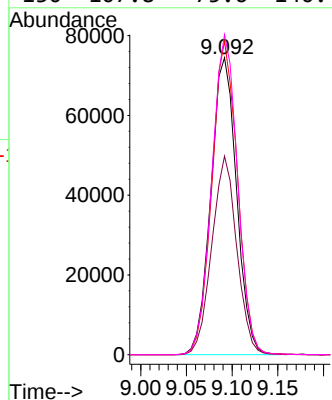
#35
Trichloroethene
Concen: 26.40 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 95 Resp: 145593

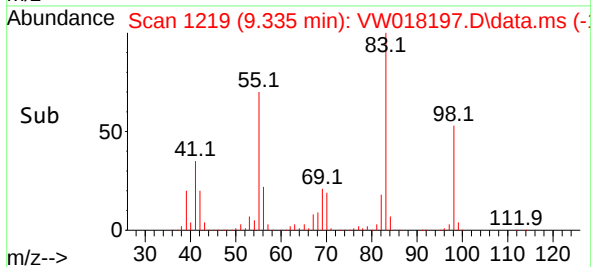
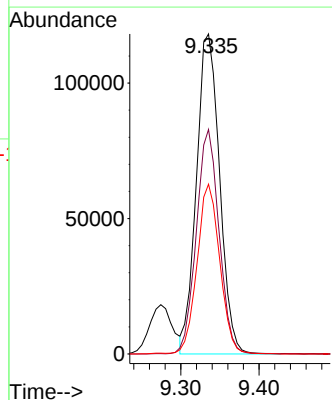
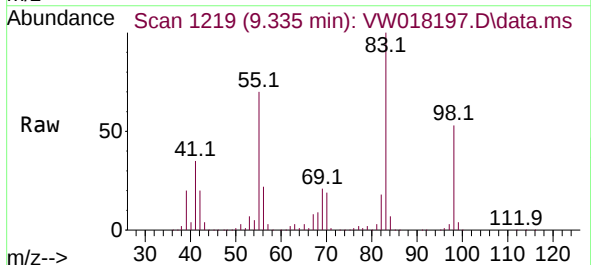
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.0	83.6
132	104.9	71.0	131.8
130	107.8	75.6	140.4

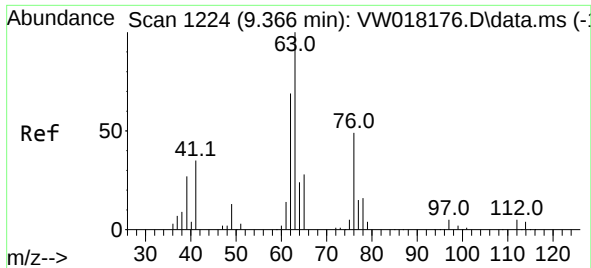


#36
Methylcyclohexane
Concen: 26.22 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 83 Resp: 243196

Ion	Ratio	Lower	Upper
83	100		
55	68.7	59.4	89.0
98	52.0	40.7	61.1

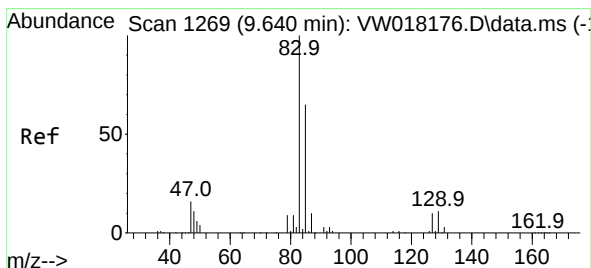
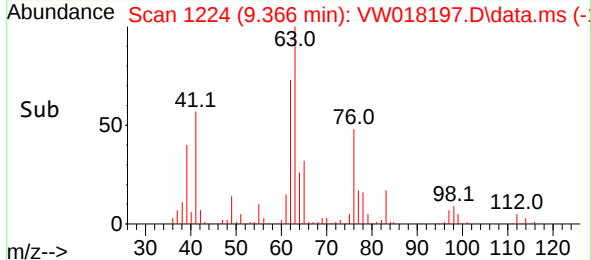
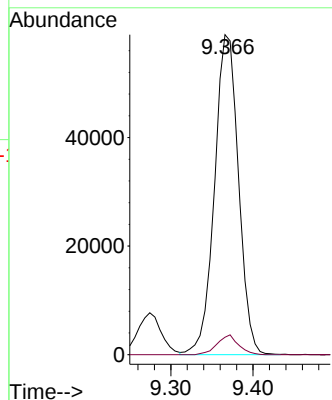
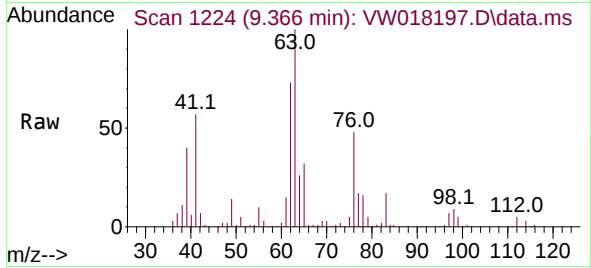




#40
1,2-Dichloropropane
Concen: 26.66 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

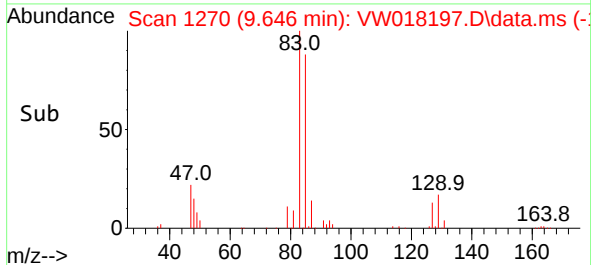
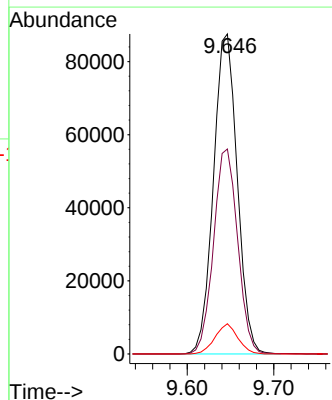
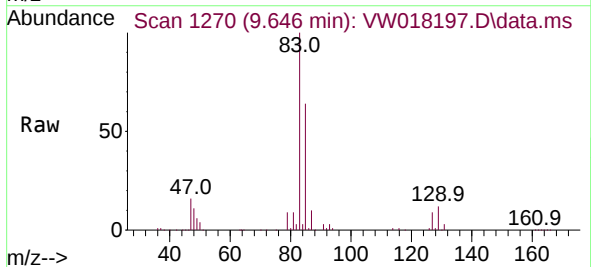
Instrument :
MSVOA_W
ClientSampled :

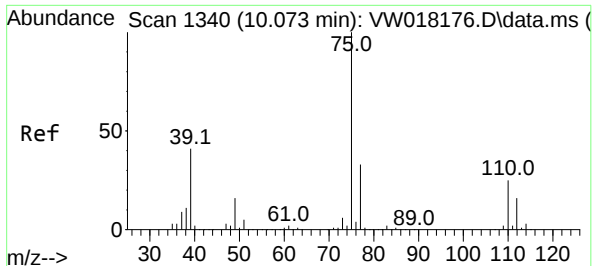
Tgt Ion: 63 Resp: 119744
Ion Ratio Lower Upper
63 100
112 5.5 4.2 6.4



#41
Bromodichloromethane
Concen: 26.01 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 83 Resp: 167266
Ion Ratio Lower Upper
83 100
85 64.0 46.8 86.8
127 9.4 7.6 11.4

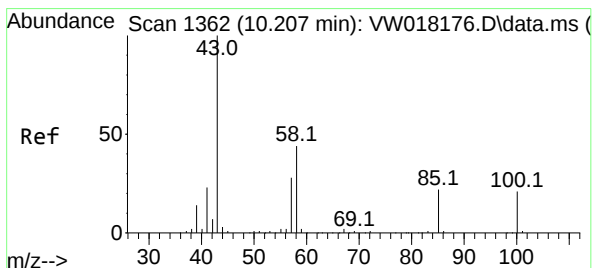
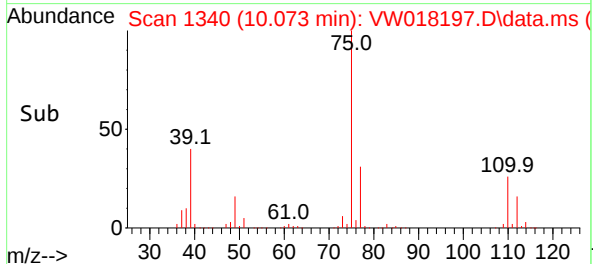
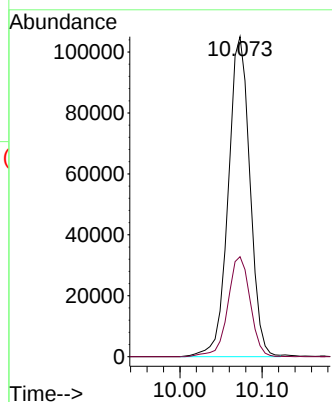
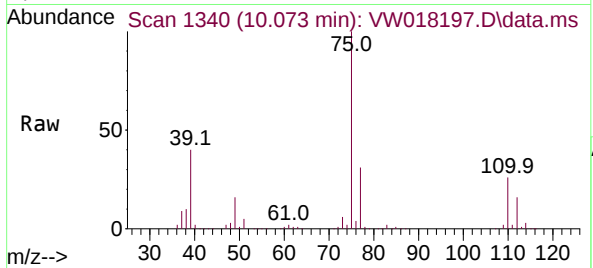




#42
cis-1,3-Dichloropropene
Concen: 26.57 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

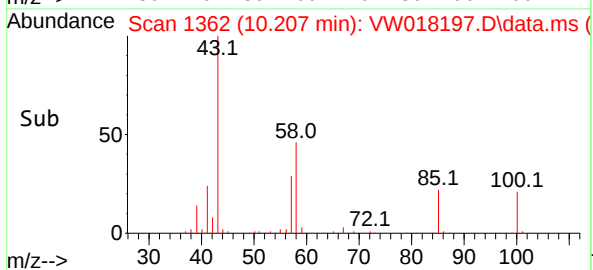
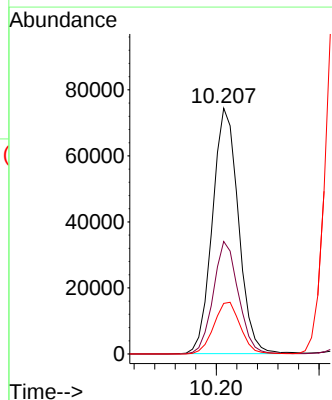
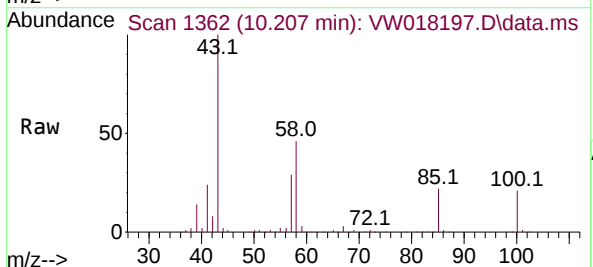
Instrument :
MSVOA_W
ClientSampled :

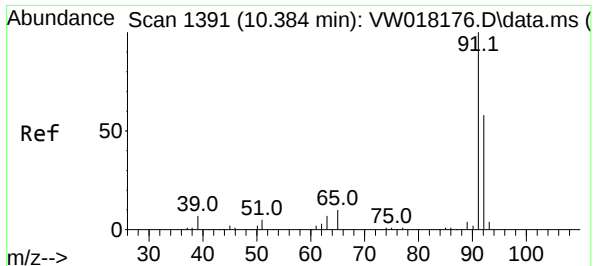
Tgt Ion: 75 Resp: 192361
Ion Ratio Lower Upper
75 100
77 31.2 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 46.69 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 43 Resp: 130403
Ion Ratio Lower Upper
43 100
58 44.5 31.6 47.4
100 21.6 14.1 21.1#





#44

Toluene

Concen: 27.64 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW018197.D

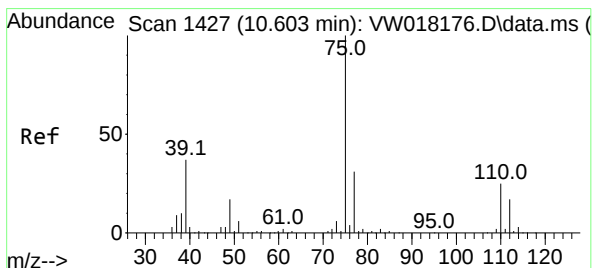
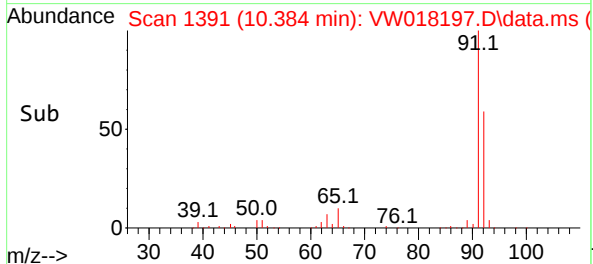
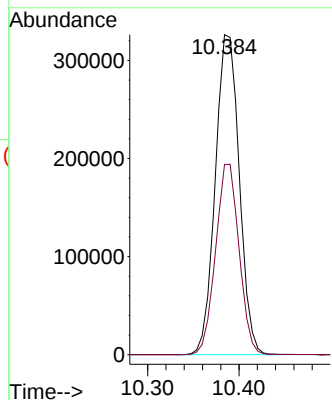
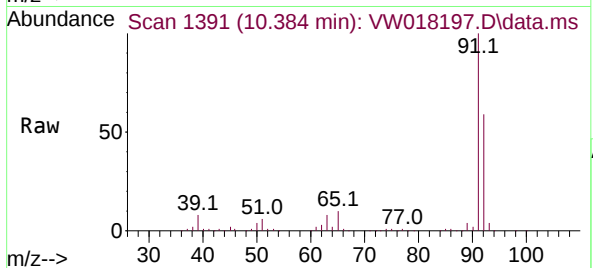
Acq: 17 Feb 2021 19:24

Tgt Ion: 91 Resp: 595544

Ion Ratio Lower Upper

91 100

92 59.4 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 25.94 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018197.D

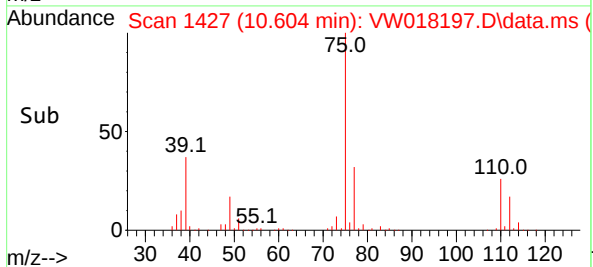
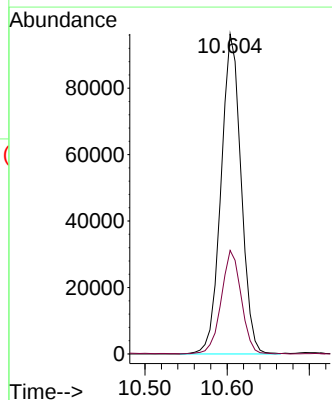
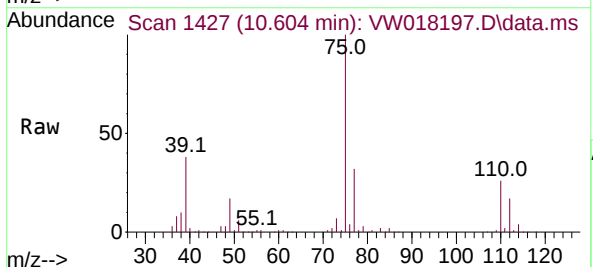
Acq: 17 Feb 2021 19:24

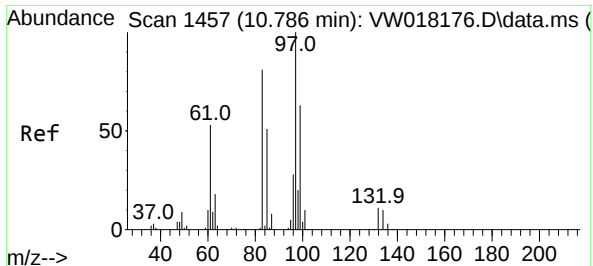
Tgt Ion: 75 Resp: 163434

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0

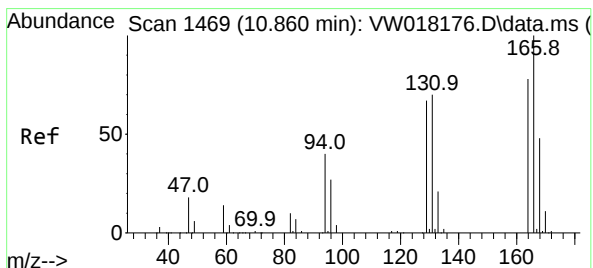
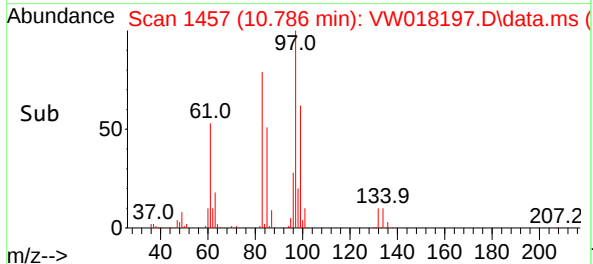
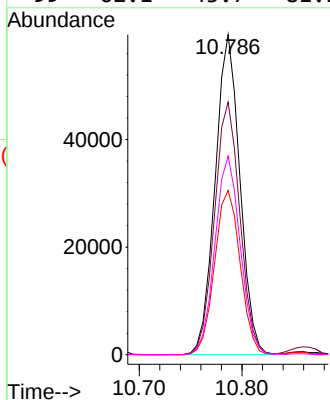
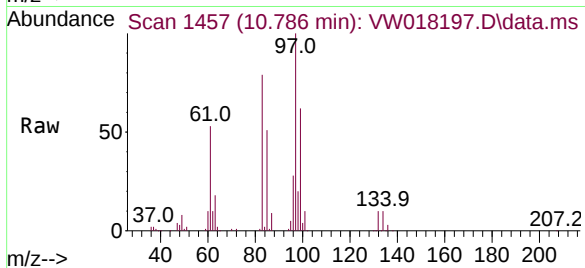




#46
1,1,2-Trichloroethane
Concen: 25.98 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

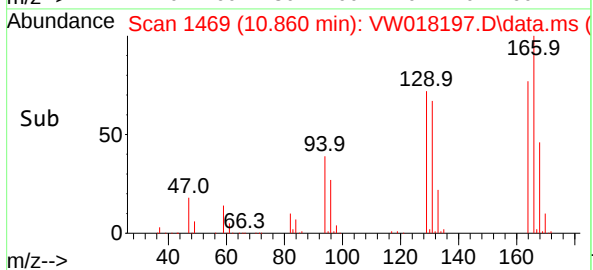
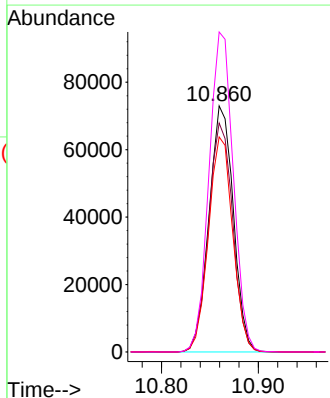
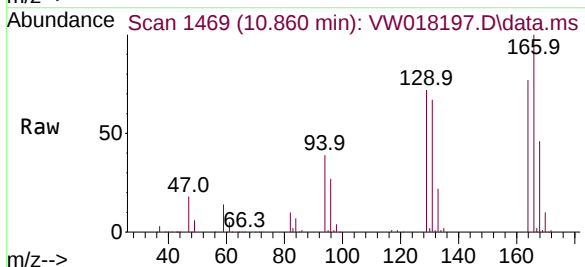
Instrument :
MSVOA_W
ClientSampled :

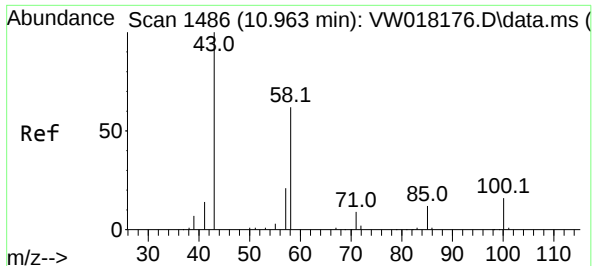
Tgt Ion:	97	Resp:	99591
Ion	Ratio	Lower	Upper
97	100		
83	79.0	58.5	108.7
85	51.4	37.8	70.2
99	62.1	43.7	81.1



#47
Tetrachloroethene
Concen: 27.19 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

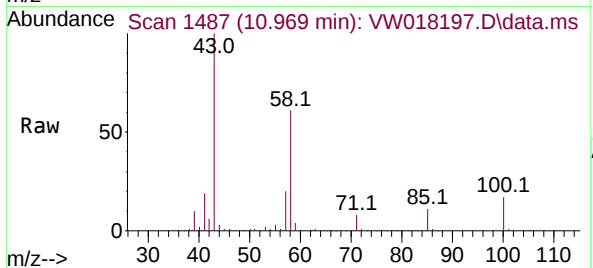
Tgt Ion:	164	Resp:	127677
Ion	Ratio	Lower	Upper
164	100		
129	93.0	67.6	125.6
131	87.4	65.2	121.2
166	130.0	93.2	173.2



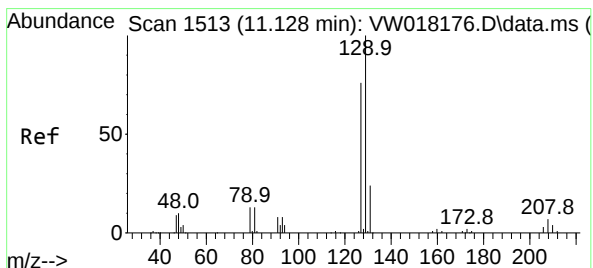
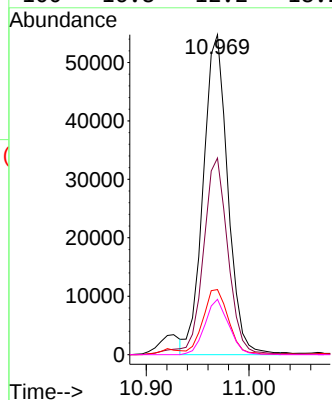
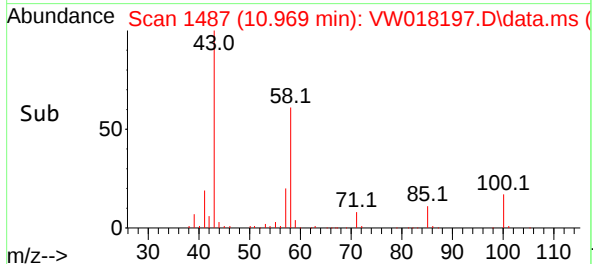


#49
2-Hexanone
Concen: 46.85 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

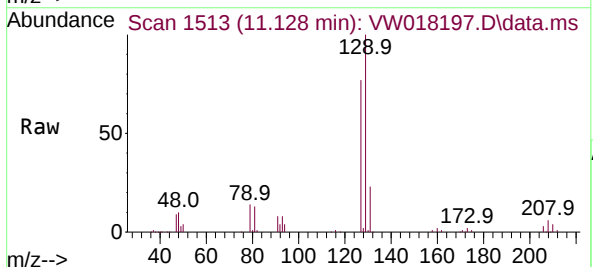
Instrument :
MSVOA_W
ClientSampled :



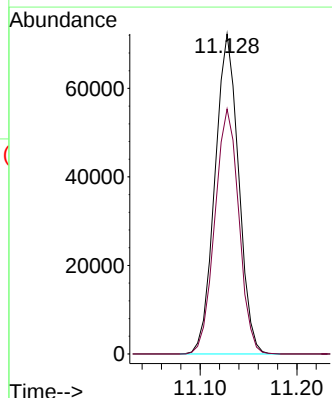
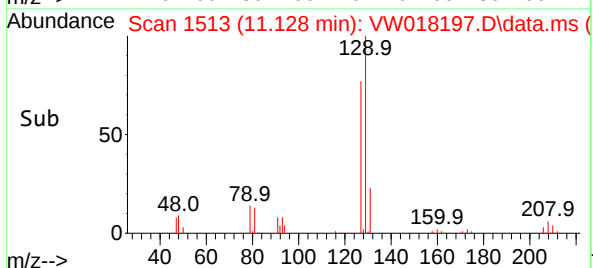
Tgt Ion: 43 Resp: 90920
Ion Ratio Lower Upper
43 100
58 60.0 51.3 76.9
57 21.2 15.0 22.6
100 16.8 12.2 18.2

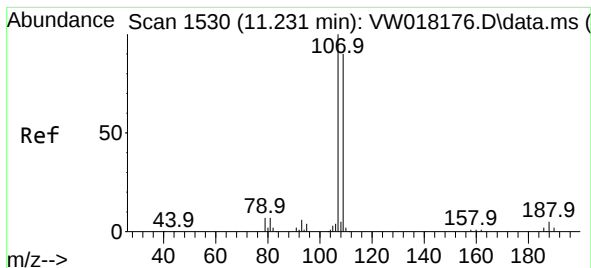


#50
Dibromochloromethane
Concen: 26.77 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24



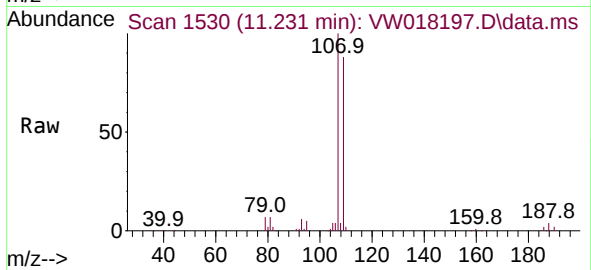
Tgt Ion: 129 Resp: 122975
Ion Ratio Lower Upper
129 100
127 76.5 53.2 98.8



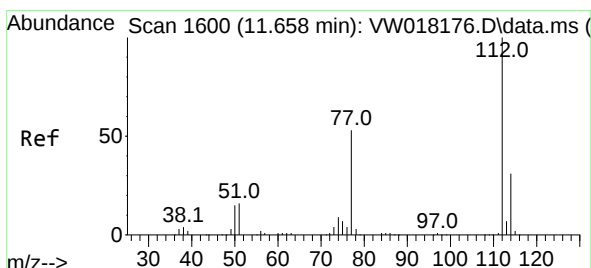
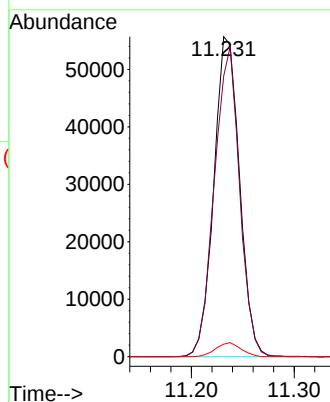
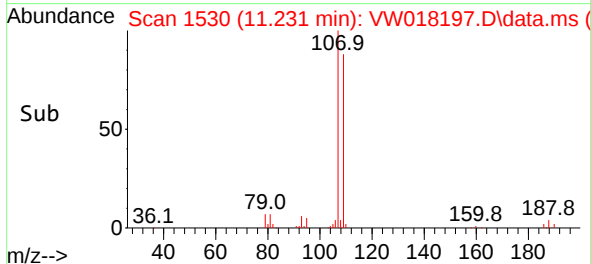


#51
1,2-Dibromoethane
Concen: 25.27 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

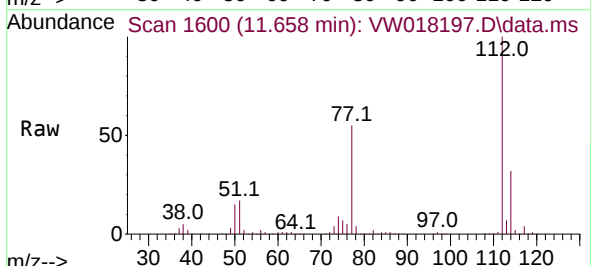
Instrument :
MSVOA_W
ClientSampleId :



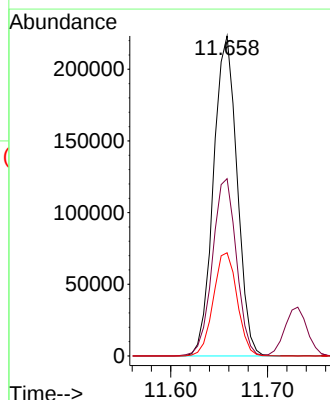
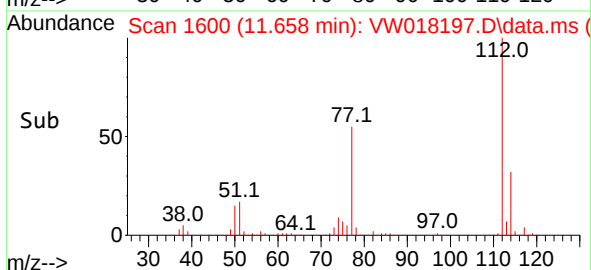
Tgt Ion:107 Resp: 96622
Ion Ratio Lower Upper
107 100
109 87.8 66.4 123.2
188 3.9 4.0 6.0#

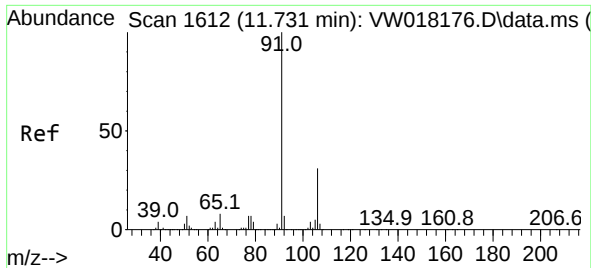


#52
Chlorobenzene
Concen: 26.65 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24



Tgt Ion:112 Resp: 378182
Ion Ratio Lower Upper
112 100
77 55.4 42.6 64.0
114 32.2 21.6 40.2

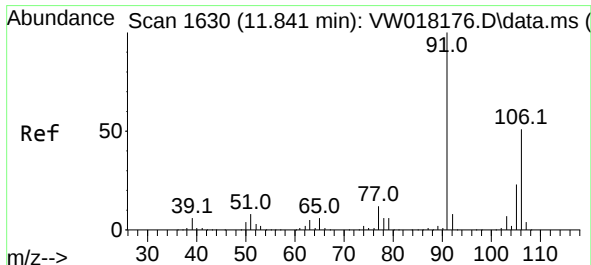
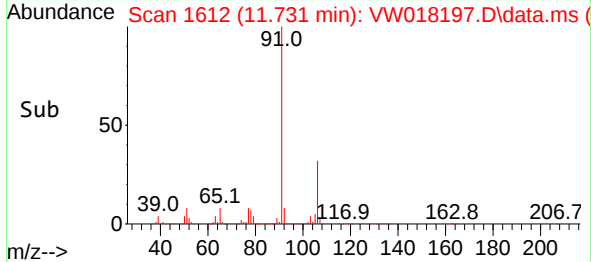
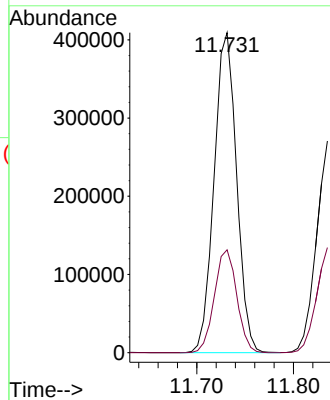
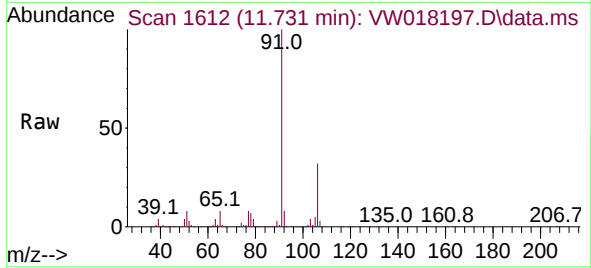




#53
Ethylbenzene
Concen: 26.96 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

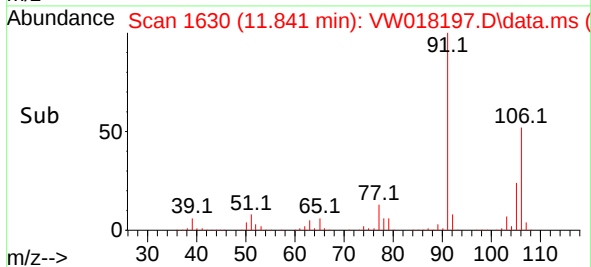
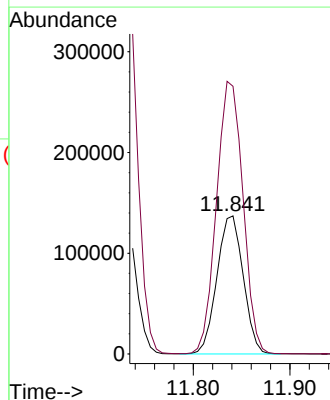
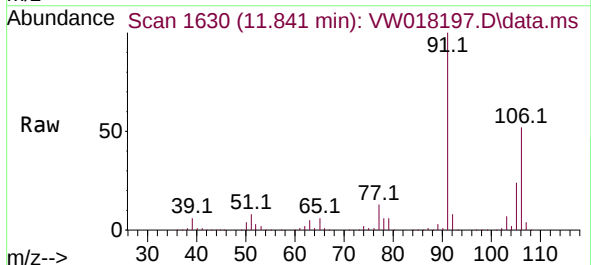
Instrument :
MSVOA_W
ClientSampled :

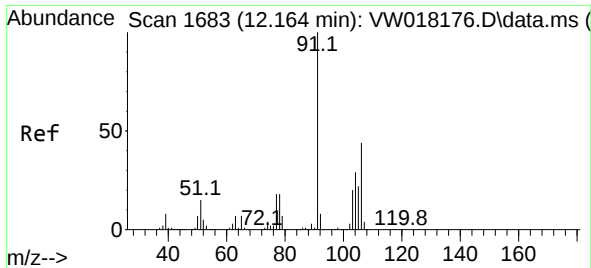
Tgt Ion: 91 Resp: 659976
Ion Ratio Lower Upper
91 100
106 32.2 21.1 39.1



#54
m,p-Xylene
Concen: 27.70 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 106 Resp: 258577
Ion Ratio Lower Upper
106 100
91 193.9 136.4 253.4

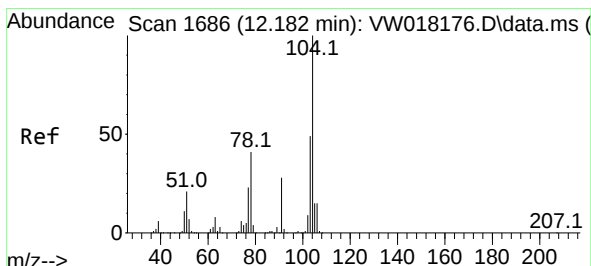
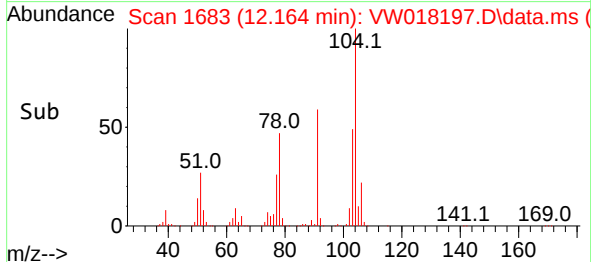
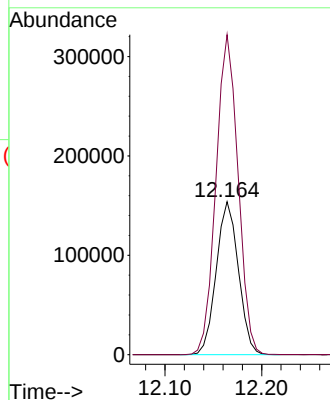
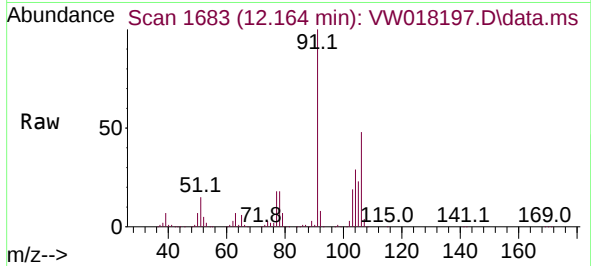




#55
o-xylene
Concen: 27.66 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

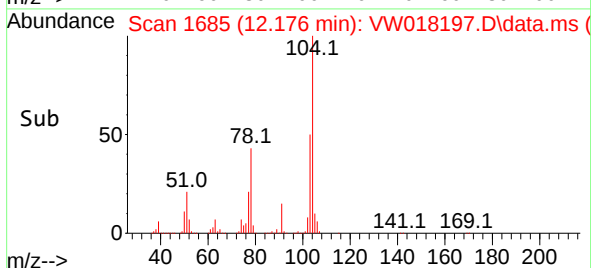
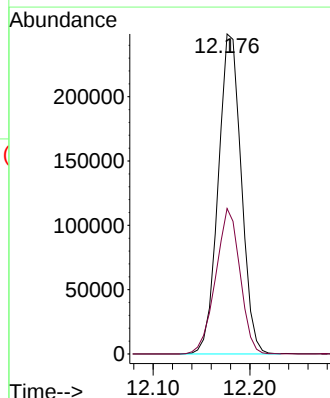
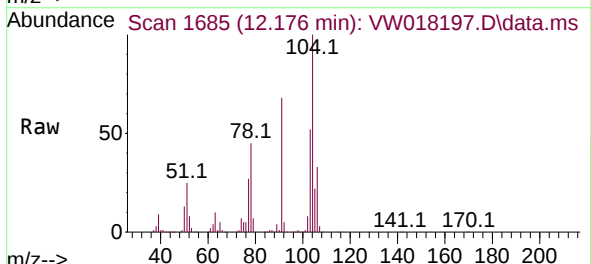
Instrument :
MSVOA_W
ClientSampled :

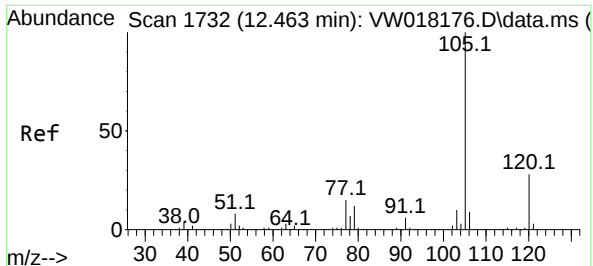
Tgt Ion:106 Resp: 244884
Ion Ratio Lower Upper
106 100
91 209.2 147.6 274.2



#56
Styrene
Concen: 27.30 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion:104 Resp: 411185
Ion Ratio Lower Upper
104 100
78 45.5 31.3 58.1

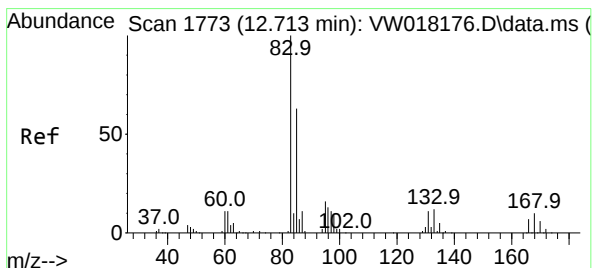
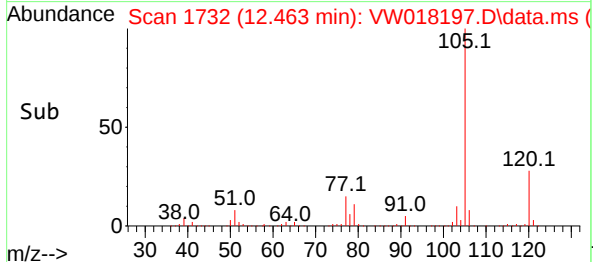
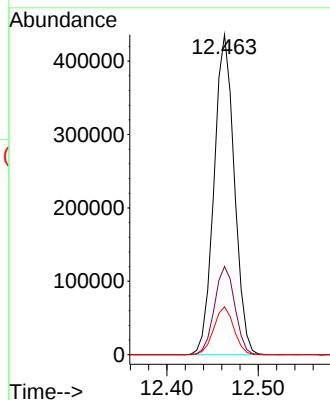
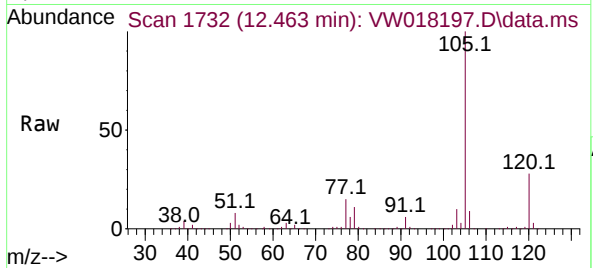




#57
Isopropylbenzene
Concen: 27.26 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

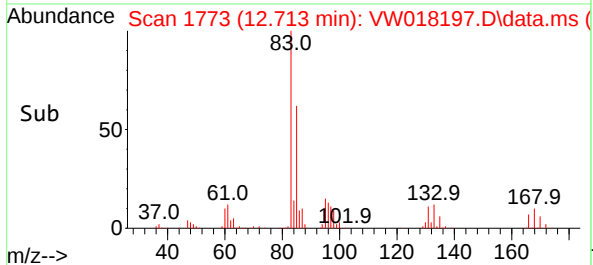
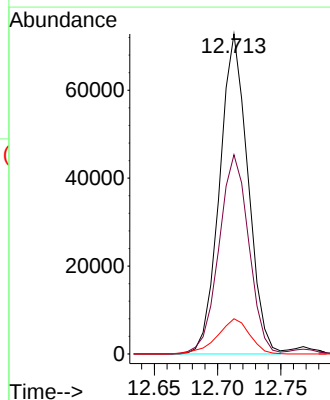
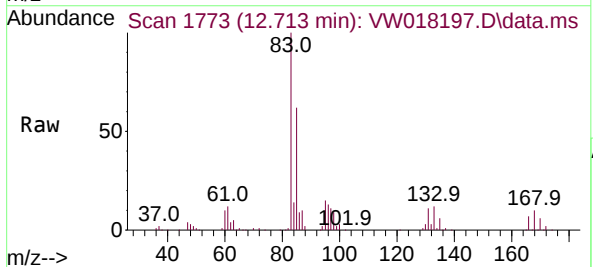
Instrument :
MSVOA_W
ClientSampled :

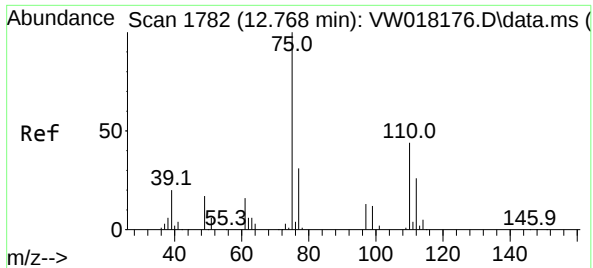
Tgt Ion:105 Resp: 672212
Ion Ratio Lower Upper
105 100
120 27.7 21.4 32.2
77 14.8 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 24.97 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 83 Resp: 113231
Ion Ratio Lower Upper
83 100
85 62.2 45.3 84.1
131 11.0 8.3 12.5

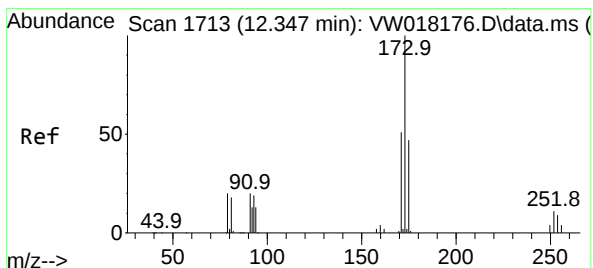
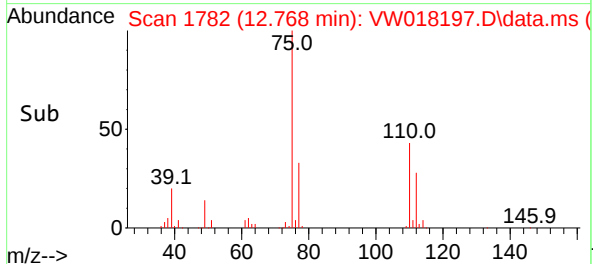
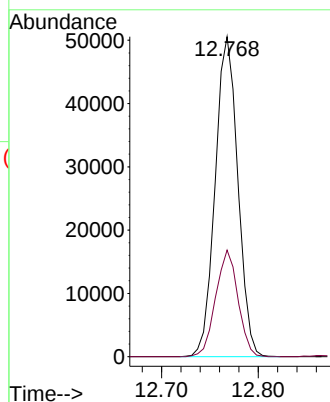
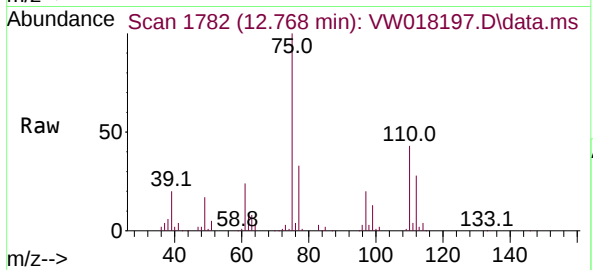




#59
1,2,3-Trichloropropane
Concen: 23.92 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

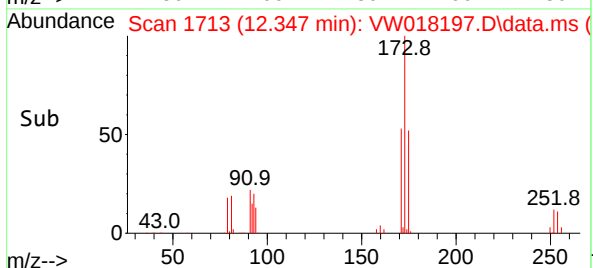
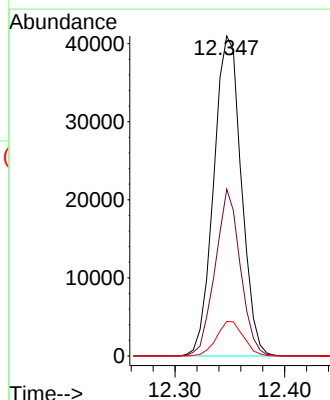
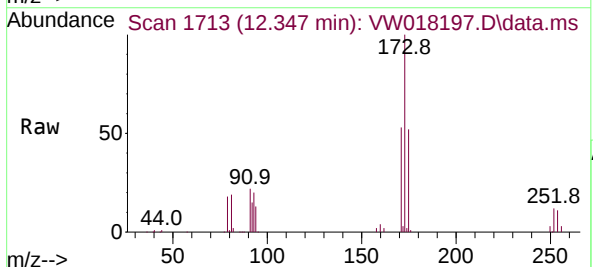
Instrument :
MSVOA_W
ClientSampled :

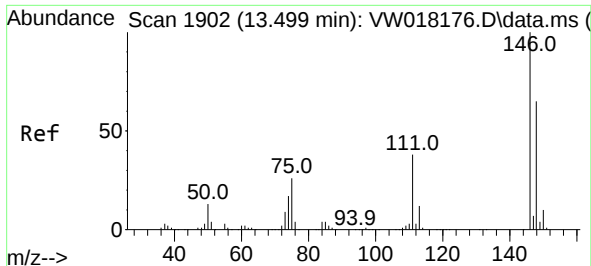
Tgt Ion: 75 Resp: 82199
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8



#62
Bromoform
Concen: 26.17 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion:173 Resp: 71684
Ion Ratio Lower Upper
173 100
175 47.6 39.1 58.7
254 10.5 7.1 10.7

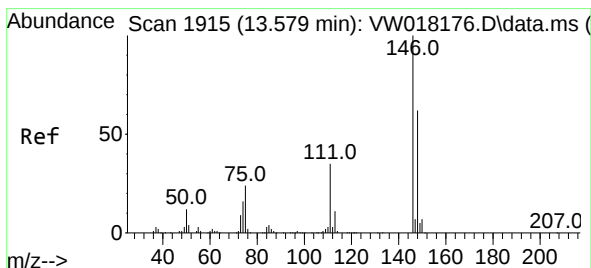
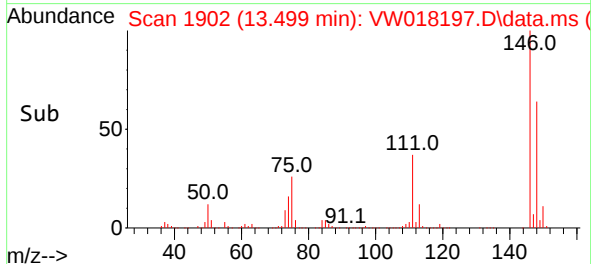
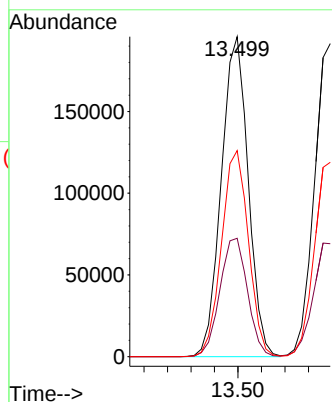
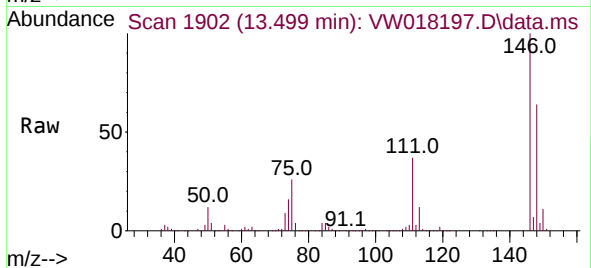




#63
1,3-Dichlorobenzene
Concen: 27.42 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

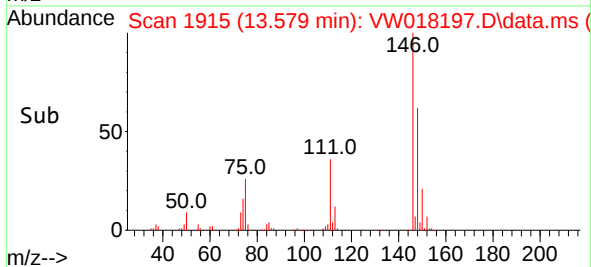
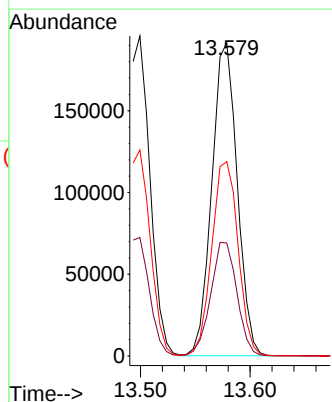
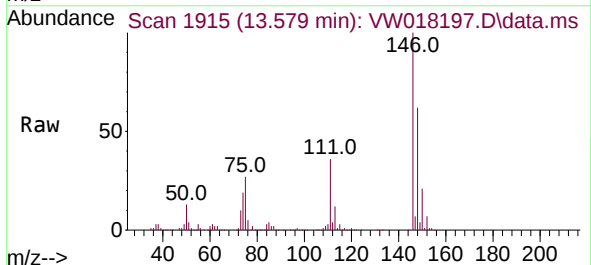
Instrument :
MSVOA_W
ClientSampled :

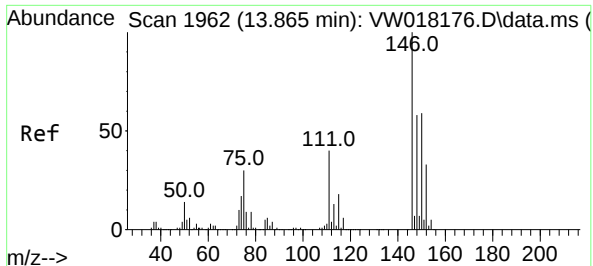
Tgt Ion:146 Resp: 310685
Ion Ratio Lower Upper
146 100
111 37.0 28.5 52.9
148 64.4 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 27.10 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion:146 Resp: 308822
Ion Ratio Lower Upper
146 100
111 36.1 27.7 51.5
148 62.1 47.0 87.2

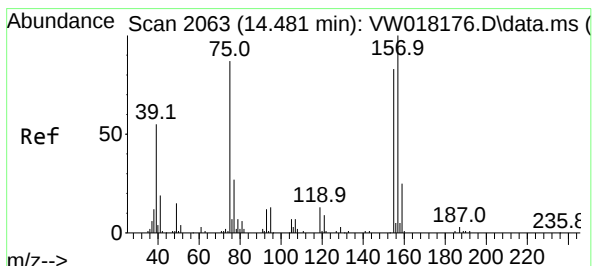
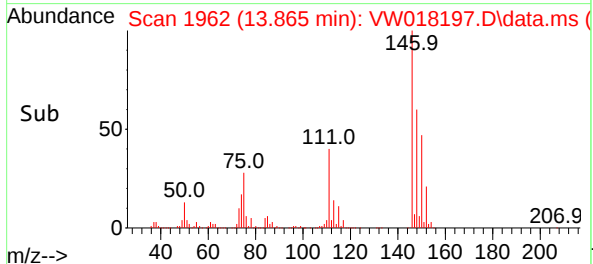
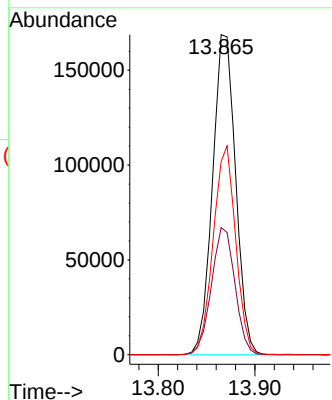
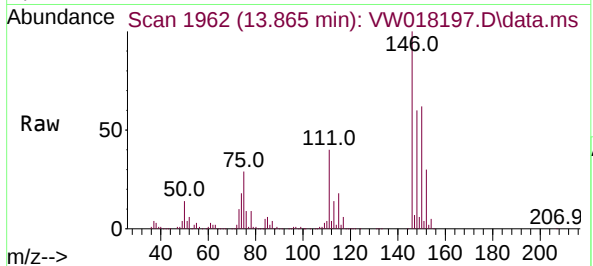




#65
1,2-Dichlorobenzene
Concen: 27.39 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

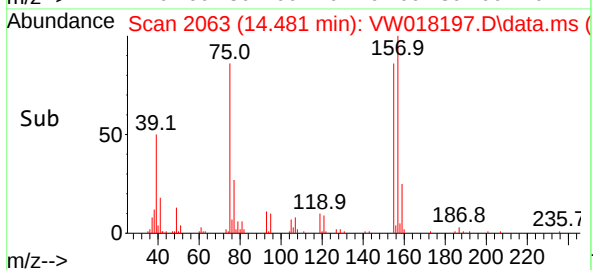
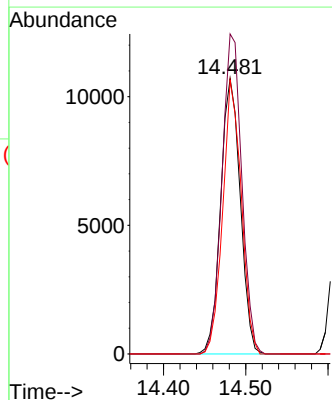
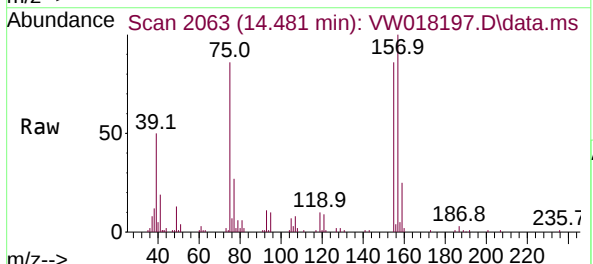
Instrument :
MSVOA_W
ClientSampled :

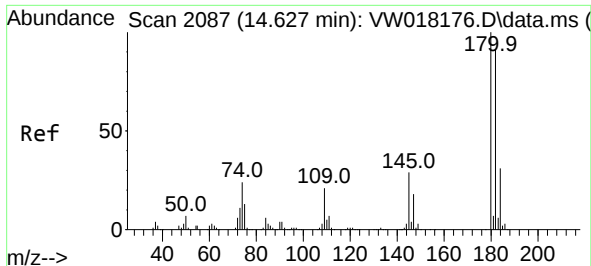
Tgt Ion:146 Resp: 279869
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 60.4 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 22.93 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 75 Resp: 17746
Ion Ratio Lower Upper
75 100
157 116.2 99.9 149.9
155 99.5 71.4 107.0





#67

1,3,5-Trichlorobenzene

Concen: 27.95 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW018197.D

Acq: 17 Feb 2021 19:24

Tgt Ion:180 Resp: 243314

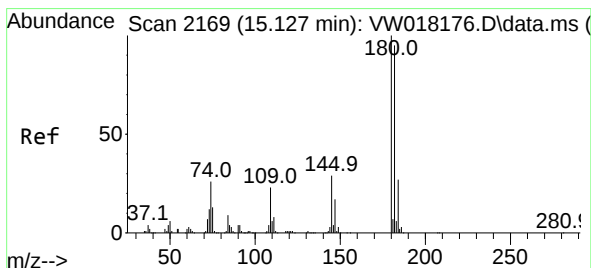
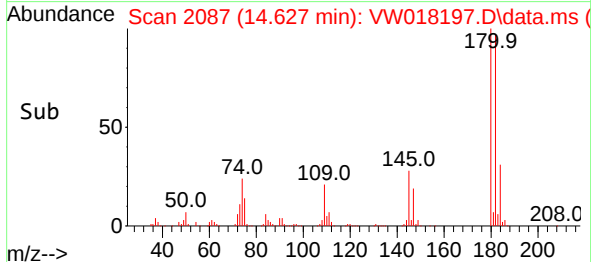
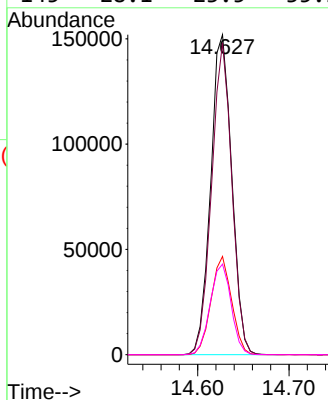
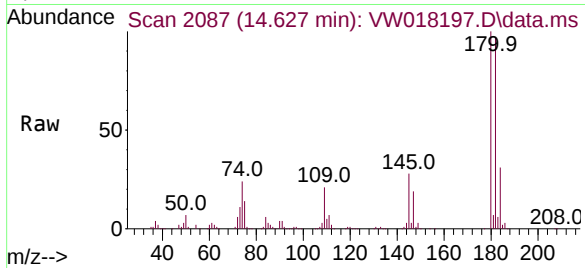
Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.6

184 30.0 24.2 36.4

145 28.1 23.5 35.3



#68

1,2,4-trichlorobenzene

Concen: 26.99 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW018197.D

Acq: 17 Feb 2021 19:24

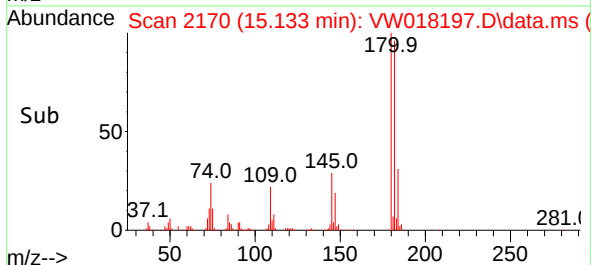
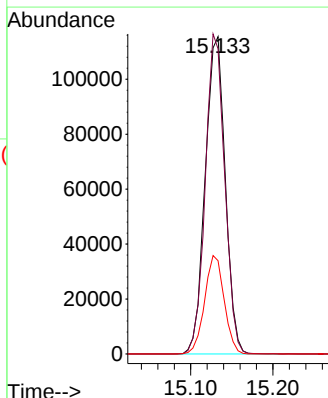
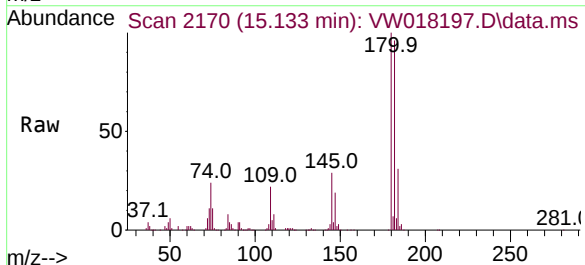
Tgt Ion:180 Resp: 195832

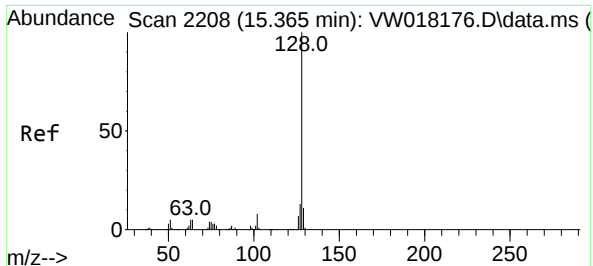
Ion Ratio Lower Upper

180 100

182 97.3 71.3 106.9

145 30.2 24.0 36.0

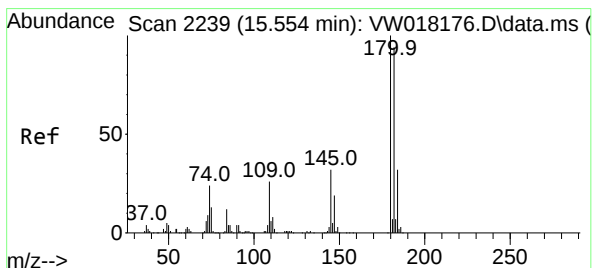
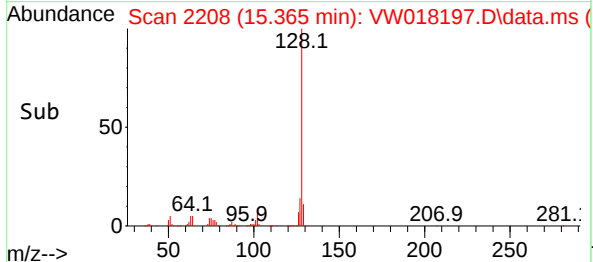
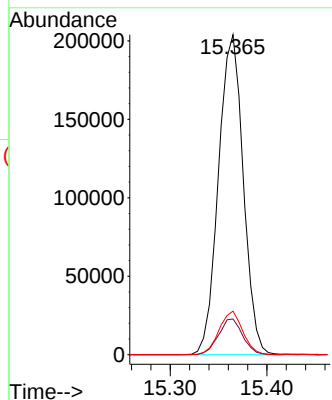
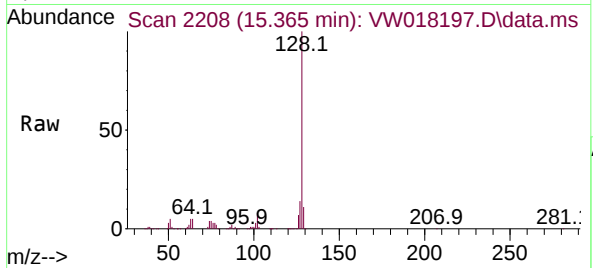




#69
Naphthalene
Concen: 25.68 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 362567
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 26.45 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018197.D
Acq: 17 Feb 2021 19:24

Tgt Ion:180 Resp: 171068
Ion Ratio Lower Upper
180 100
182 94.8 74.7 112.1
145 32.1 25.4 38.0

