

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
 Data File : VW018889.D
 Acq On : 30 Apr 2021 18:21
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 22:57:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 22:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	581451	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	527674	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	256475	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	176699	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
7) Chloroethane-d5	2.892	69	141817	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
11) 1,1-Dichloroethene-d2	4.025	63	375038	25.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.28%
21) 2-Butanone-d5	7.080	46	82234	42.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.66%
24) Chloroform-d	7.653	84	391593	25.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	8.305	65	205923	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
32) Benzene-d6	8.275	84	769086	25.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	9.275	67	222849	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.76%
41) Toluene-d8	10.323	98	709697	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.08%
43) trans-1,3-Dichloroprop...	10.579	79	97268	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.80%
47) 2-Hexanone-d5	10.927	63	70465	44.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.00%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	169741	22.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.60%
66) 1,2-Dichlorobenzene-d4	13.853	152	233084	26.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.08%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	137565	24.92	ug/L	99
3) Chloromethane	2.215	50	120450	23.23	ug/L	98
5) Vinyl chloride	2.367	62	204164	24.27	ug/L	100
6) Bromomethane	2.782	94	145645	24.72	ug/L	96
8) Chloroethane	2.928	64	125859	24.86	ug/L	94
9) Trichlorofluoromethane	3.270	101	163287	25.02	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	194984	25.93	ug/L	97
12) 1,1-Dichloroethene	4.044	96	191777	25.46	ug/L	96
13) Acetone	4.135	43	56397	37.89	ug/L	87
14) Carbon disulfide	4.391	76	569333	25.54	ug/L	99
15) Methyl Acetate	4.672	43	66892	22.04	ug/L	93
16) Methylene chloride	4.922	84	223878	23.29	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	207987	25.76	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	266223	23.90	ug/L	97
19) 1,1-Dichloroethane	6.220	63	360680	26.00	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	219955	25.79	ug/L	99
22) 2-Butanone	7.171	43	85624	41.49	ug/L	93
23) Bromochloromethane	7.519	128	92354	24.57	ug/L	91
25) Chloroform	7.677	83	374076	25.77	ug/L	98

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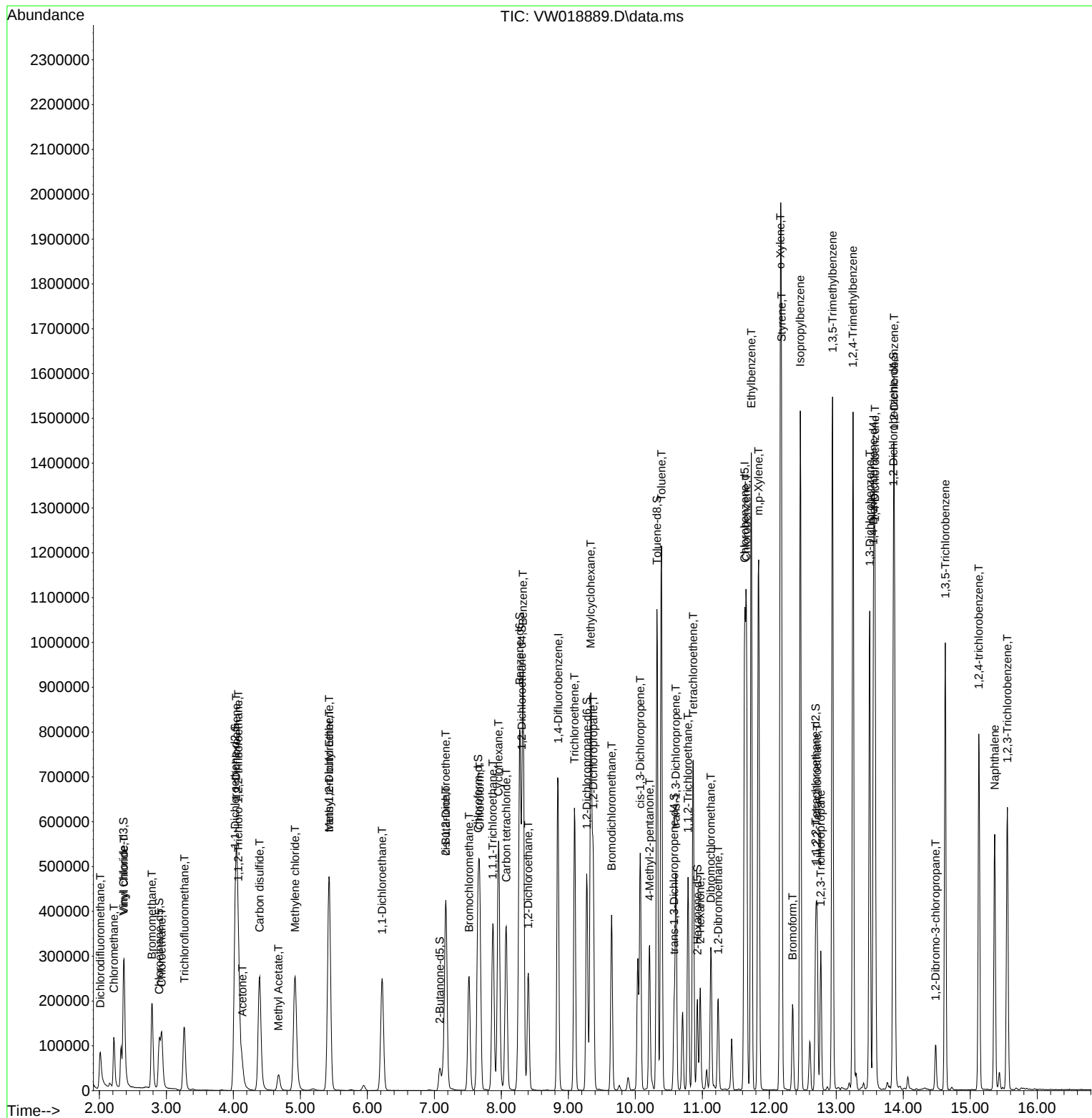
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	241478	24.43	ug/L	98
29) Cyclohexane	7.958	56	322033	25.46	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	300944	25.74	ug/L	98
31) Carbon tetrachloride	8.074	117	279777	26.26	ug/L	98
33) Benzene	8.323	78	822708	26.04	ug/L	100
34) Trichloroethene	9.092	95	219307	26.02	ug/L	94
35) Methylcyclohexane	9.335	83	374447	25.26	ug/L	99
37) 1,2-Dichloropropane	9.372	63	194793	25.57	ug/L	98
38) Bromodichloromethane	9.646	83	257668	25.62	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	308800	25.45	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	199419	42.16	ug/L	93
42) Toluene	10.390	91	898515	25.84	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	261651	24.60	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	142431	23.54	ug/L	96
46) Tetrachloroethene	10.866	164	164603	25.97	ug/L	91
48) 2-Hexanone	10.969	43	134730	43.73	ug/L	93
49) Dibromochloromethane	11.128	129	161913	24.71	ug/L	90
50) 1,2-Dibromoethane	11.238	107	136635	23.29	ug/L	99
51) Chlorobenzene	11.658	112	541892	25.49	ug/L	97
52) Ethylbenzene	11.731	91	999447	25.93	ug/L	98
53) m,p-Xylene	11.841	106	373094	26.05	ug/L	97
54) o-Xylene	12.164	106	355694	26.06	ug/L	100
55) Styrene	12.183	104	594565	25.91	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	165241	22.59	ug/L	98
59) Bromoform	12.347	173	82413	23.22	ug/L	96
60) Isopropylbenzene	12.463	105	977081	26.69	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	122437	22.52	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	827161	27.07	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	809085	26.46	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	404023	26.16	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	400861	25.71	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	358023	25.61	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	25119	21.73	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	287100	25.78	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	242445	26.22	ug/L	99
71) Naphthalene	15.365	128	461695	23.66	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	206739	25.33	ug/L	94

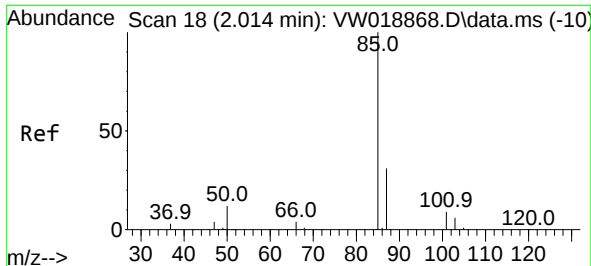
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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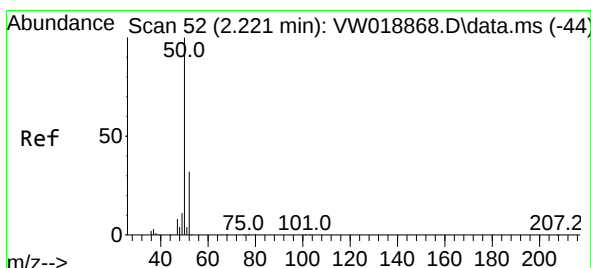
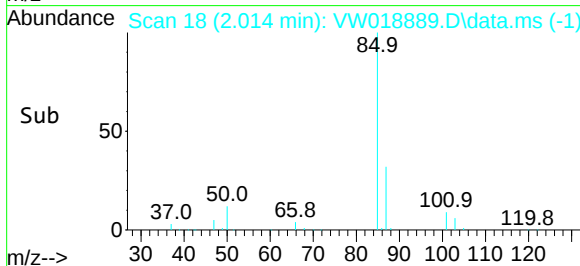
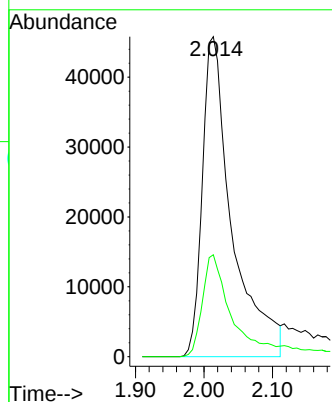
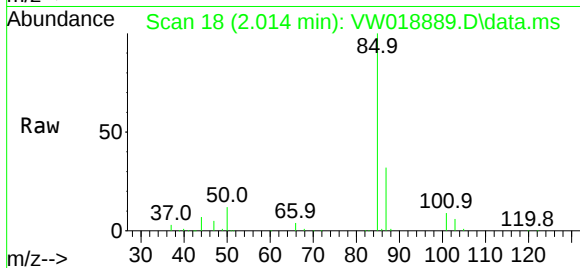




#2
Dichlorodifluoromethane
Concen: 24.92 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

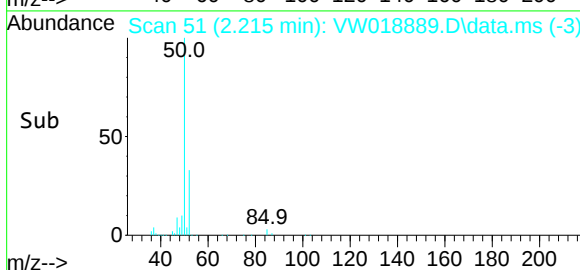
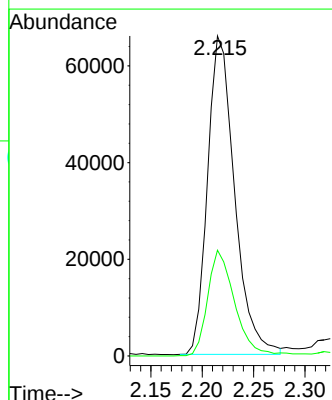
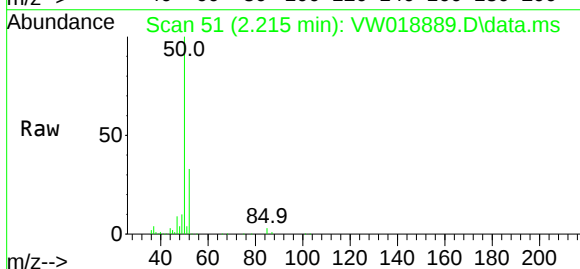
Instrument :
MSVOA_W
ClientSampled :

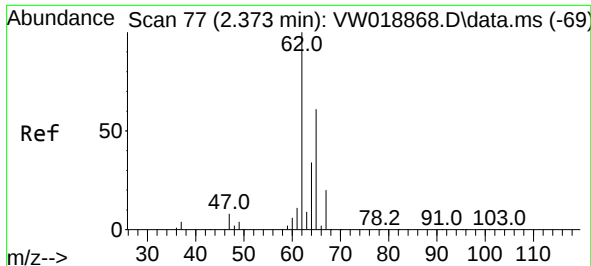
Tgt Ion: 85 Resp: 137565
Ion Ratio Lower Upper
85 100
87 29.5 23.3 34.9



#3
Chloromethane
Concen: 23.23 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion: 50 Resp: 120450
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.9

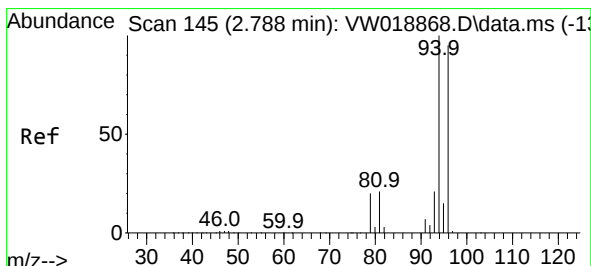
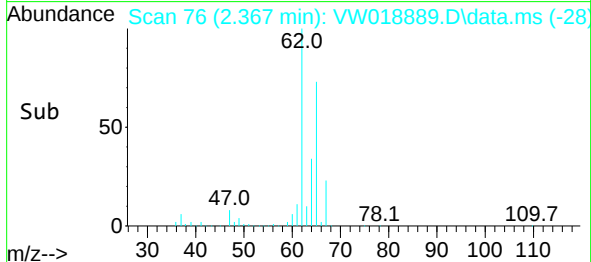
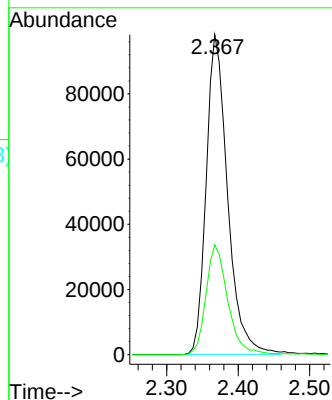
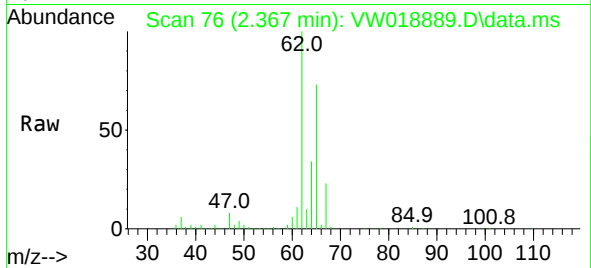




#5
 Vinyl chloride
 Concen: 24.27 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW018889.D
 Acq: 30 Apr 2021 18:21

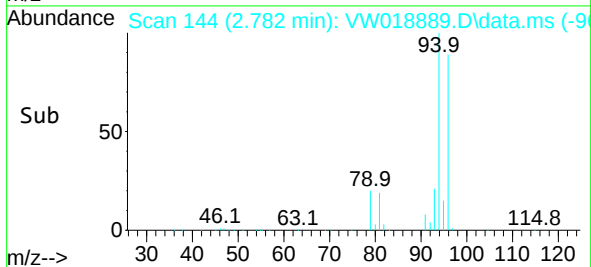
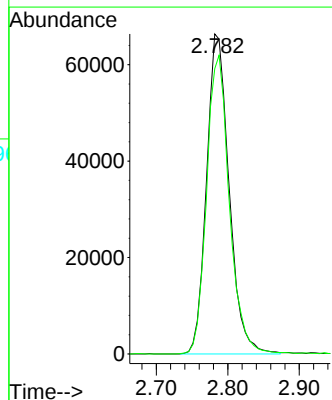
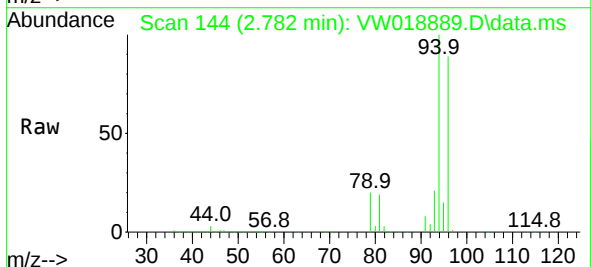
Instrument :
 MSVOA_W
 ClientSampled :

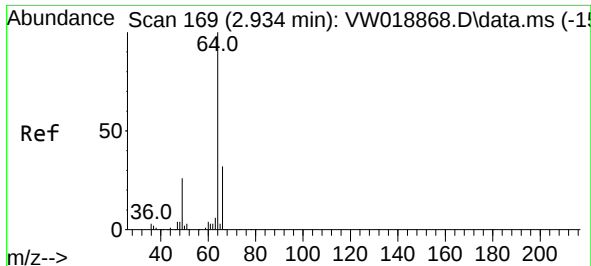
Tgt Ion: 62 Resp: 204164
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.2 45.0



#6
 Bromomethane
 Concen: 24.72 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018889.D
 Acq: 30 Apr 2021 18:21

Tgt Ion: 94 Resp: 145645
 Ion Ratio Lower Upper
 94 100
 96 89.1 65.3 121.3

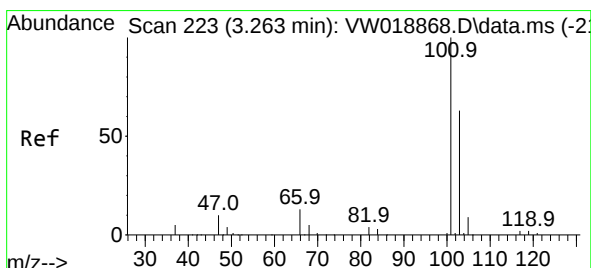
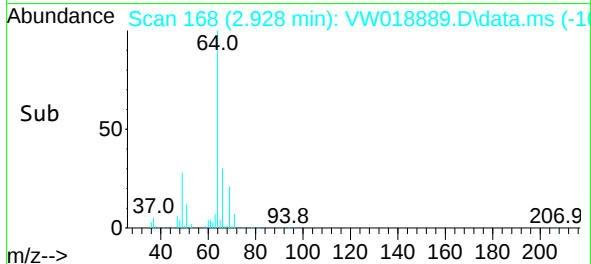
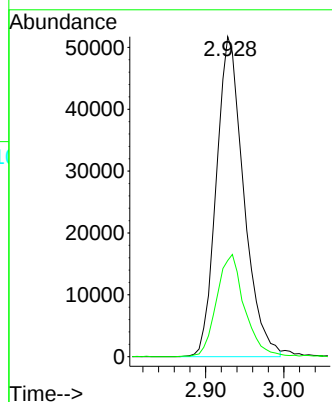
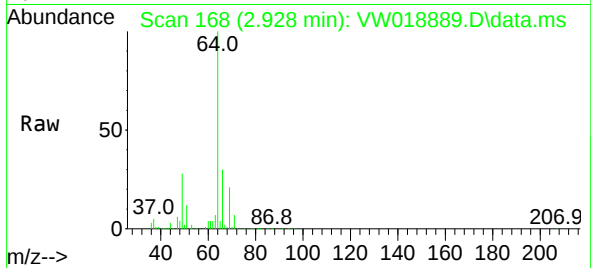




#8
Chloroethane
Concen: 24.86 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

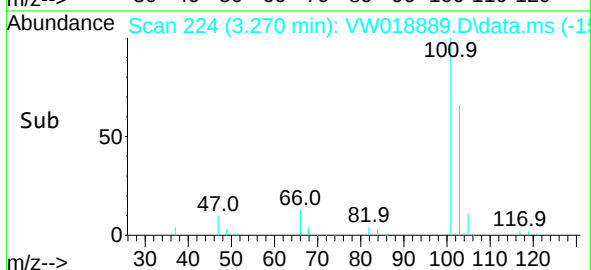
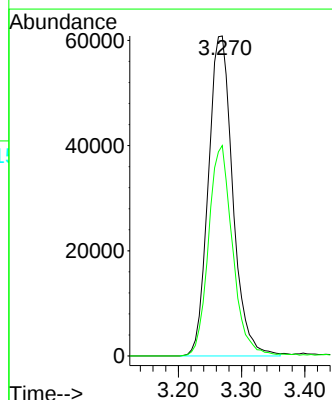
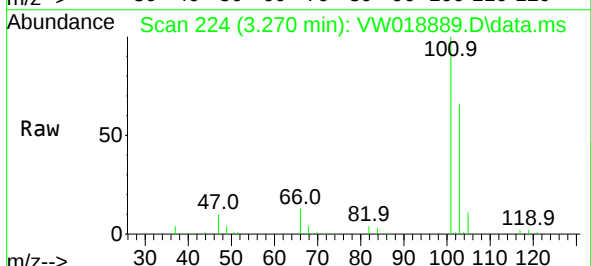
Instrument :
MSVOA_W
ClientSampled :

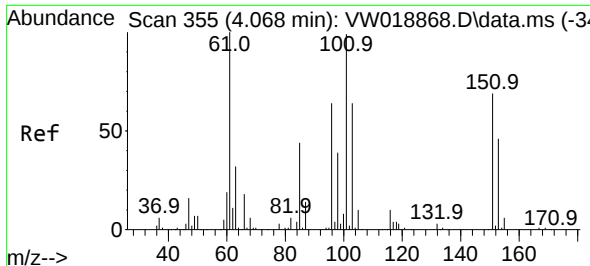
Tgt Ion: 64 Resp: 125859
Ion Ratio Lower Upper
64 100
66 30.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.02 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion: 101 Resp: 163287
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.4

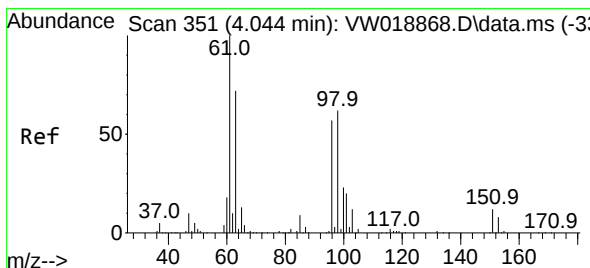
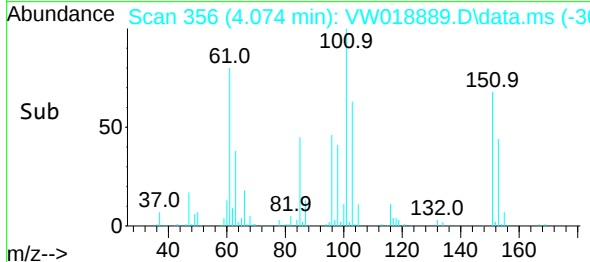
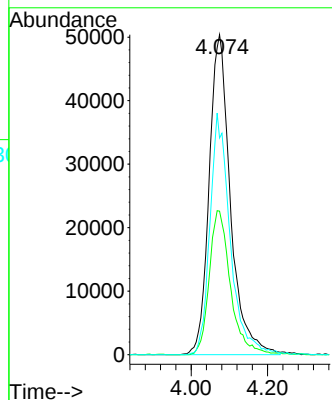
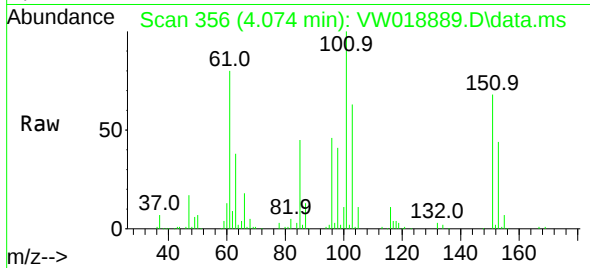




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.93 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW018889.D
 Acq: 30 Apr 2021 18:21

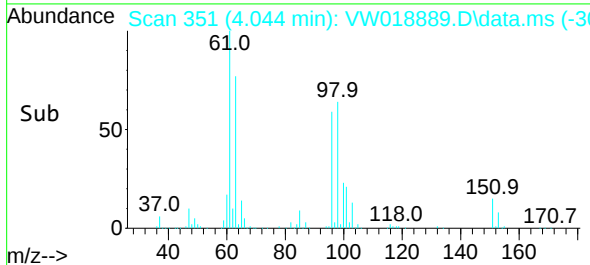
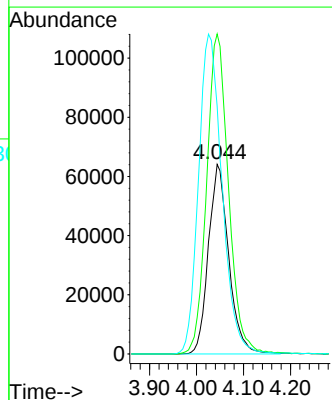
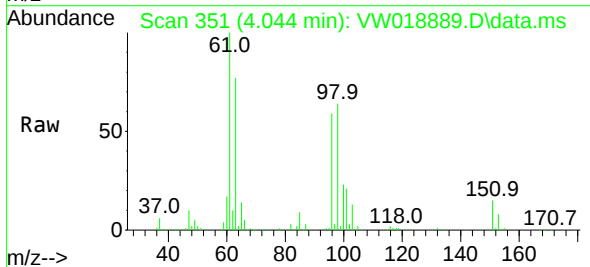
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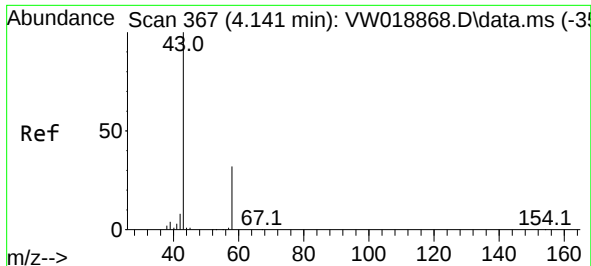
Tgt Ion:101 Resp: 194984
 Ion Ratio Lower Upper
 101 100
 85 43.3 38.2 57.2
 151 71.4 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 25.46 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW018889.D
 Acq: 30 Apr 2021 18:21

Tgt Ion: 96 Resp: 191777
 Ion Ratio Lower Upper
 96 100
 61 168.8 118.1 219.3
 63 130.6 83.7 155.5

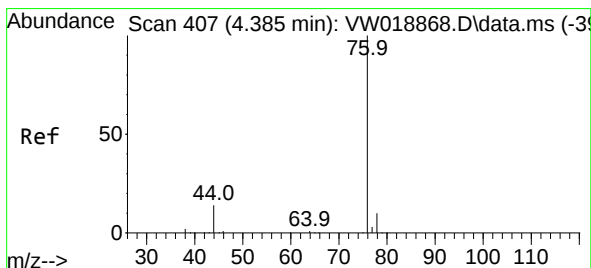
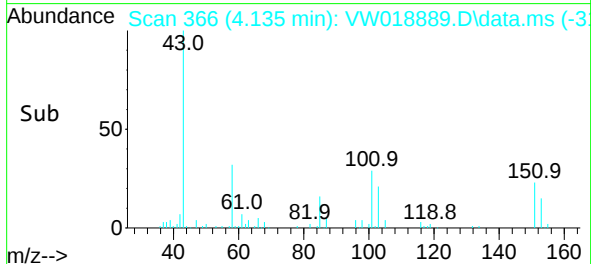
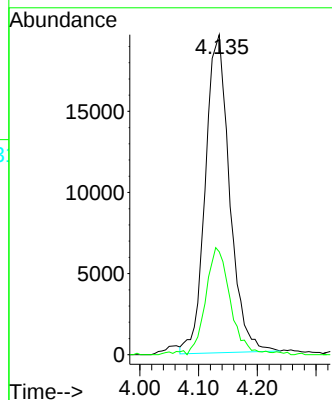
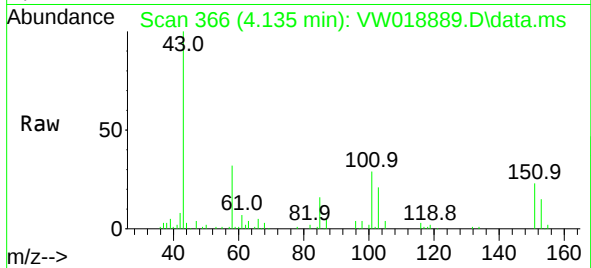




#13
Acetone
Concen: 37.89 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

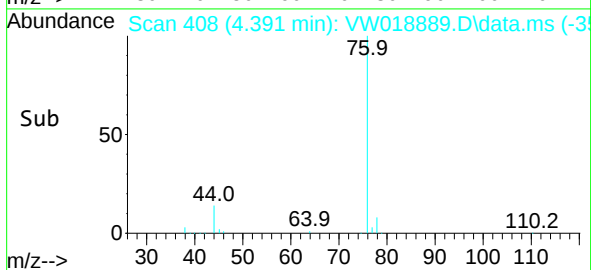
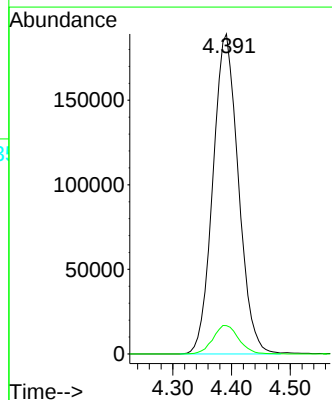
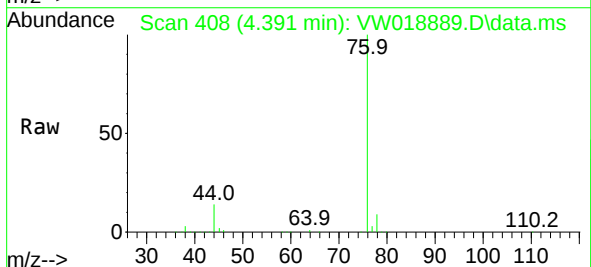
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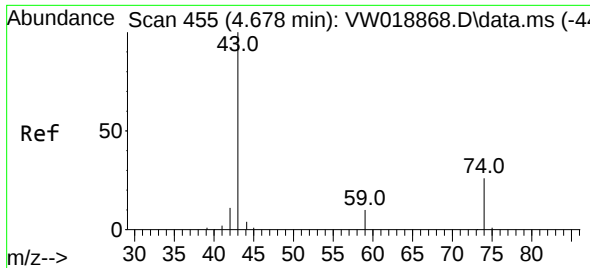
Tgt Ion: 43 Resp: 56397
Ion Ratio Lower Upper
43 100
58 33.6 0.0 53.8



#14
Carbon disulfide
Concen: 25.54 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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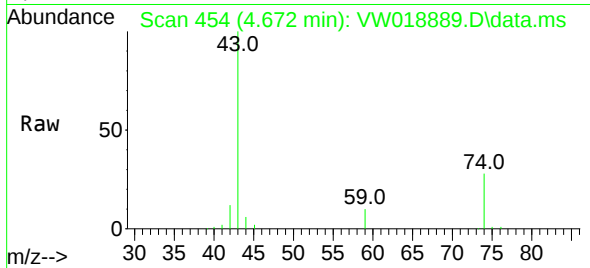
Tgt Ion: 76 Resp: 569333
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



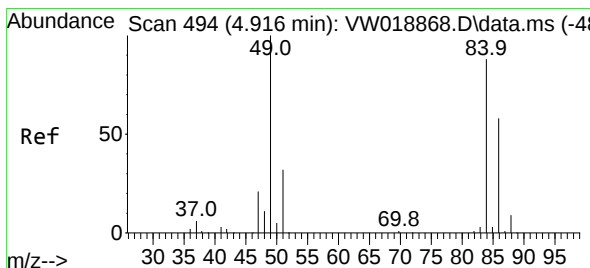
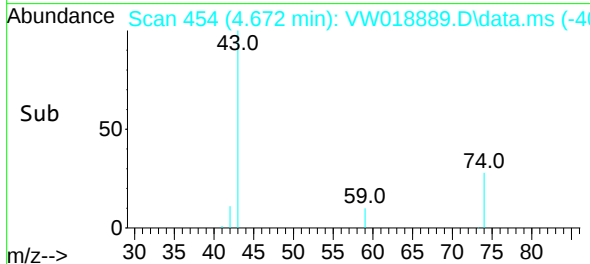
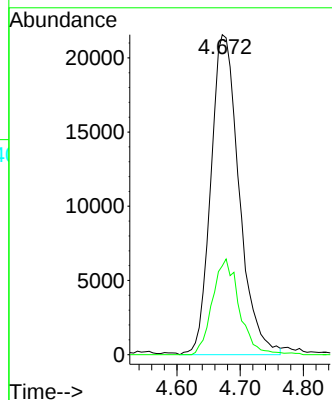


#15
Methyl Acetate
Concen: 22.04 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Instrument :
MSVOA_W
ClientSampled :

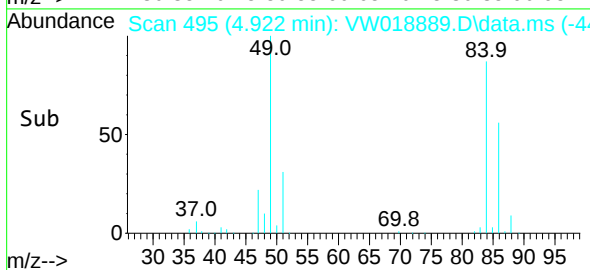
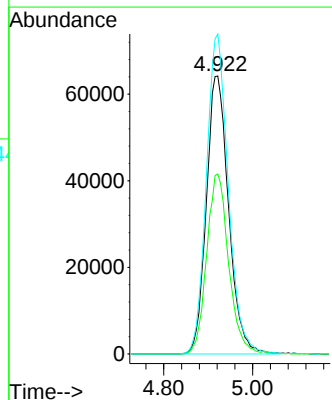
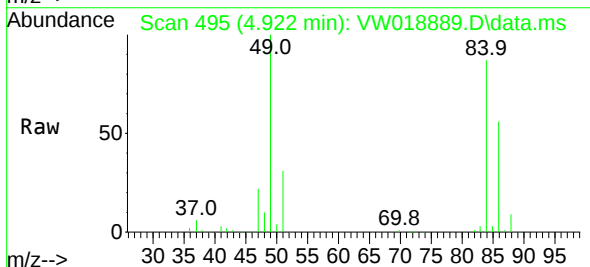


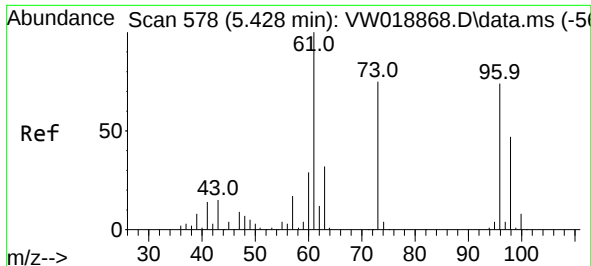
Tgt Ion: 43 Resp: 66892
Ion Ratio Lower Upper
43 100
74 28.3 20.0 30.0



#16
Methylene chloride
Concen: 23.29 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

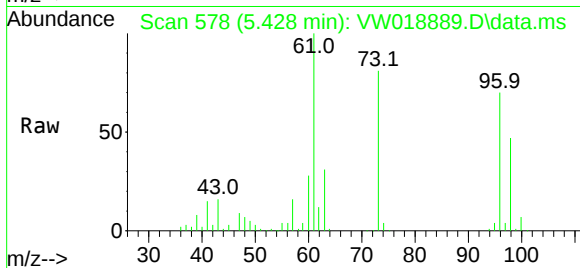
Tgt Ion: 84 Resp: 223878
Ion Ratio Lower Upper
84 100
86 64.8 45.3 84.1
49 115.2 86.6 160.8





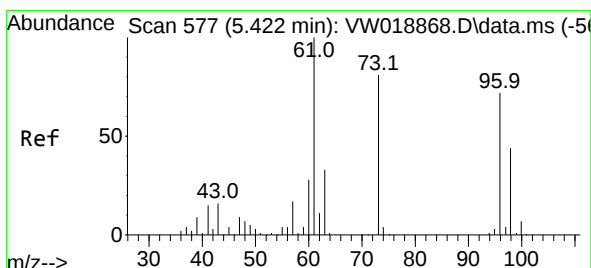
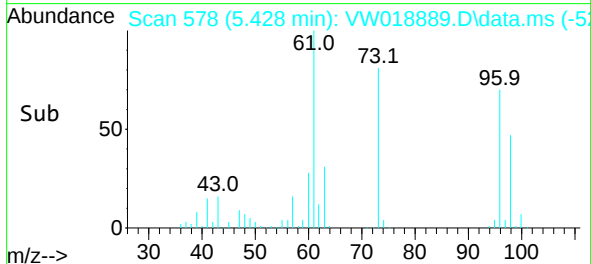
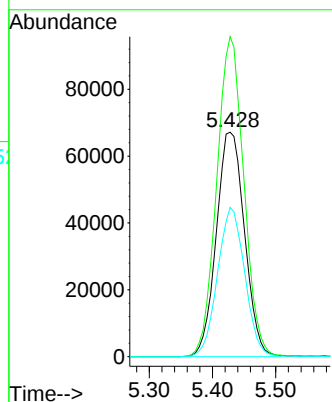
#17
trans-1,2-Dichloroethene
Concen: 25.76 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Instrument :
MSVOA_W
ClientSampled :

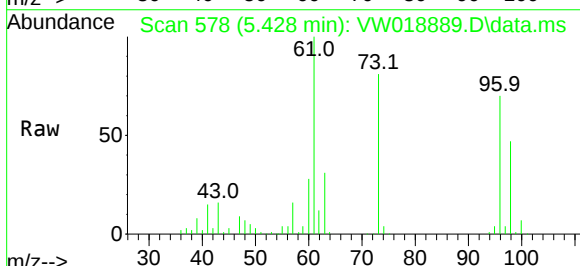


Tgt Ion: 96 Resp: 207987

Ion	Ratio	Lower	Upper
96	100		
61	142.5	98.3	182.7
98	66.5	46.1	85.7

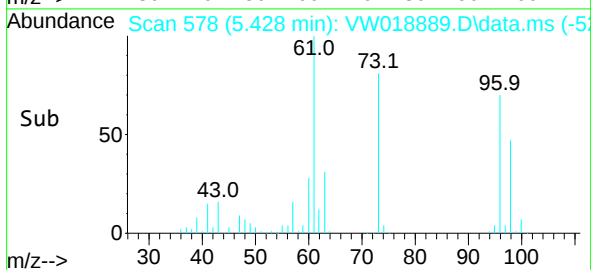
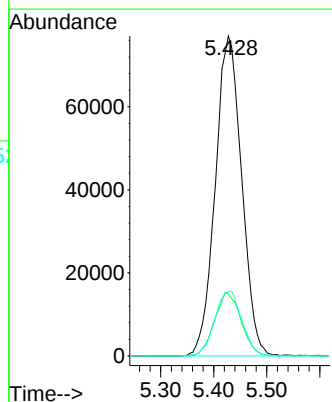


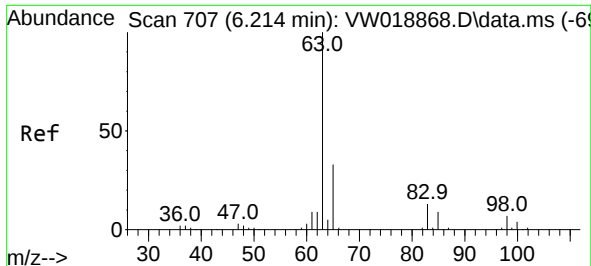
#18
Methyl tert-butyl Ether
Concen: 23.90 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21



Tgt Ion: 73 Resp: 266223

Ion	Ratio	Lower	Upper
73	100		
43	20.0	17.7	26.5
57	20.8	17.0	25.4





#19

1,1-Dichloroethane

Concen: 26.00 ug/L

RT: 6.220 min Scan# 708

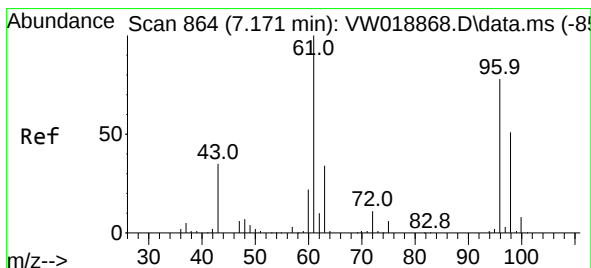
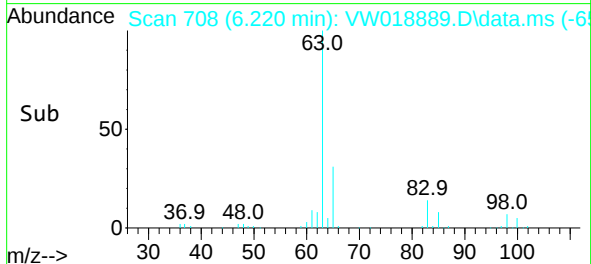
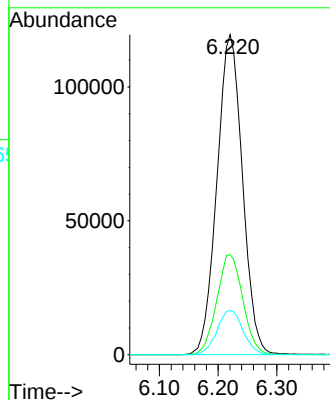
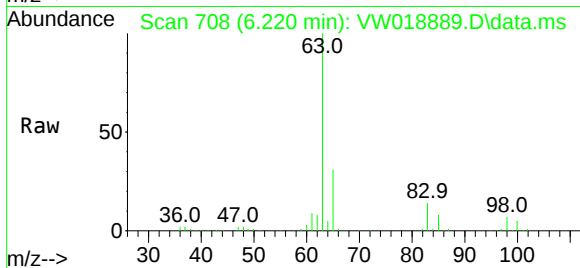
Delta R.T. 0.006 min

Lab File: VW018889.D

Acq: 30 Apr 2021 18:21

Tgt Ion: 63 Resp: 360680

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.9	42.5
83	13.8	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 25.79 ug/L

RT: 7.171 min Scan# 864

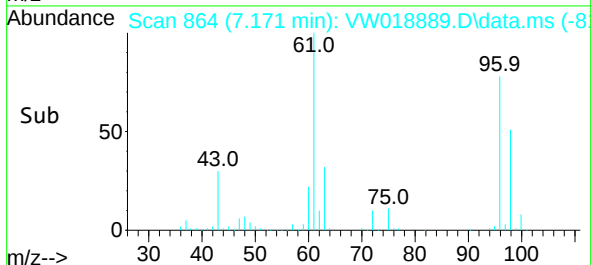
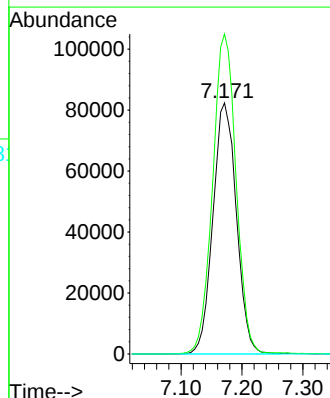
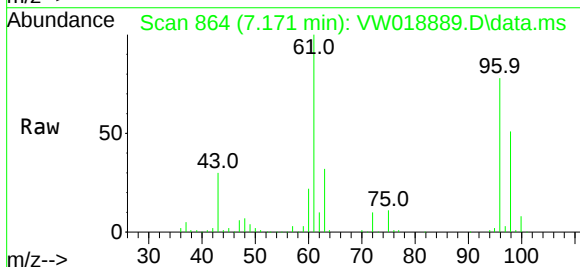
Delta R.T. -0.000 min

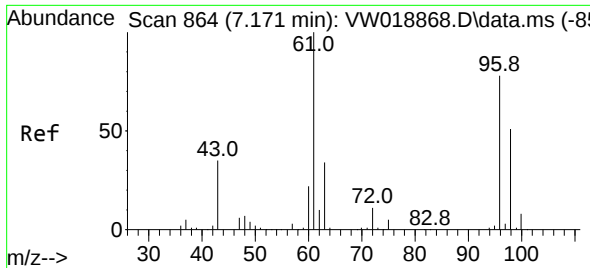
Lab File: VW018889.D

Acq: 30 Apr 2021 18:21

Tgt Ion: 96 Resp: 219955

Ion	Ratio	Lower	Upper
96	100		
61	127.4	88.5	164.3
68	0.0	0.0	0.0

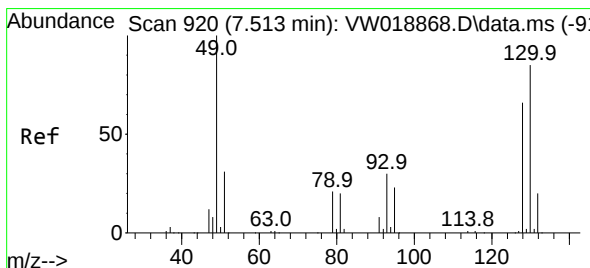
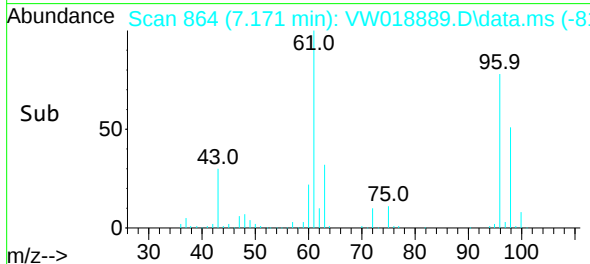
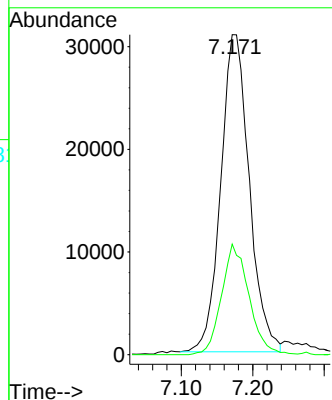
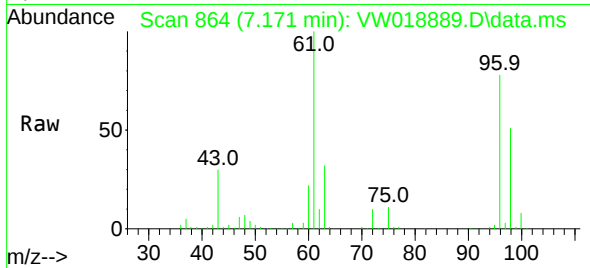




#22
2-Butanone
Concen: 41.49 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

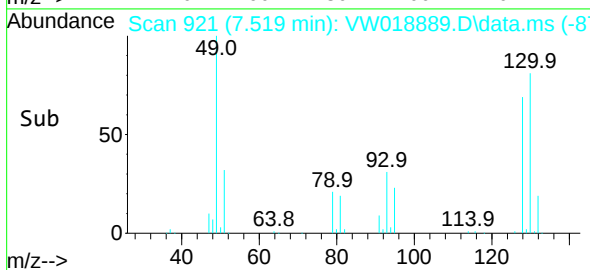
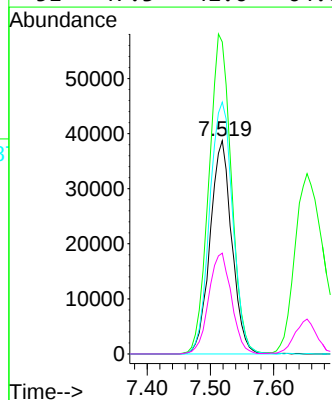
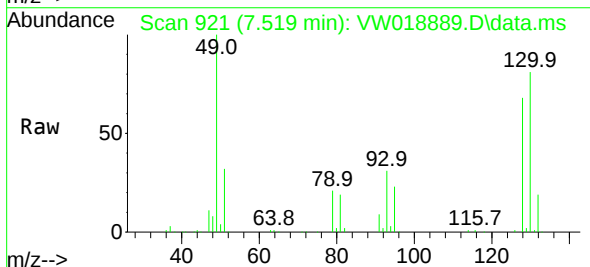
Instrument :
MSVOA_W
ClientSampled :

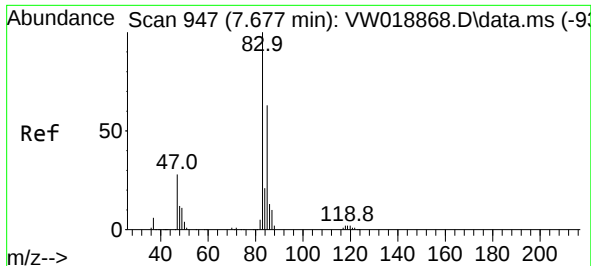
Tgt Ion: 43 Resp: 85624
Ion Ratio Lower Upper
43 100
72 33.4 14.9 44.7



#23
Bromochloromethane
Concen: 24.57 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion: 128 Resp: 92354
Ion Ratio Lower Upper
128 100
49 146.3 116.3 215.9
130 118.1 82.4 153.0
51 47.3 42.6 64.0

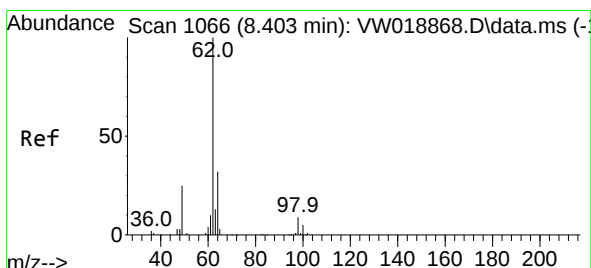
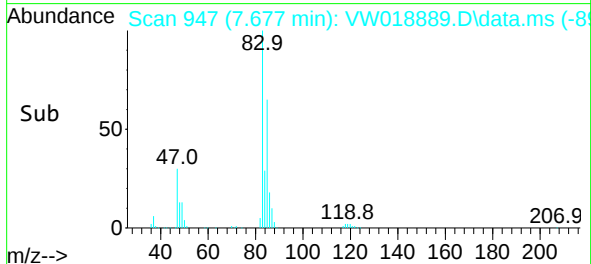
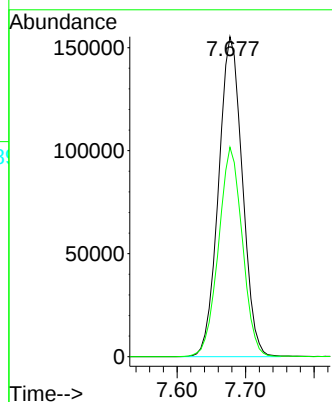
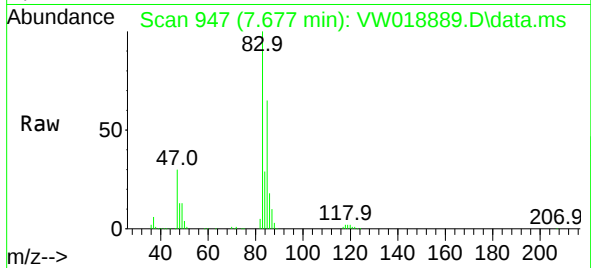




#25
Chloroform
Concen: 25.77 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

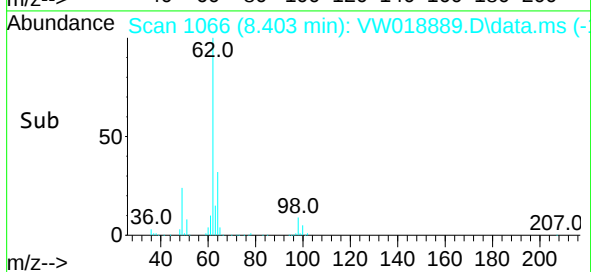
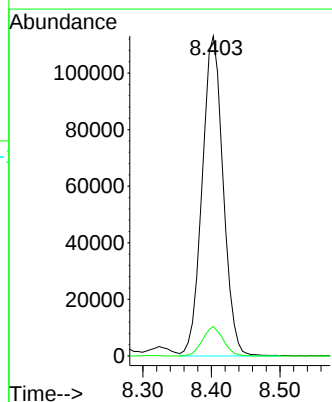
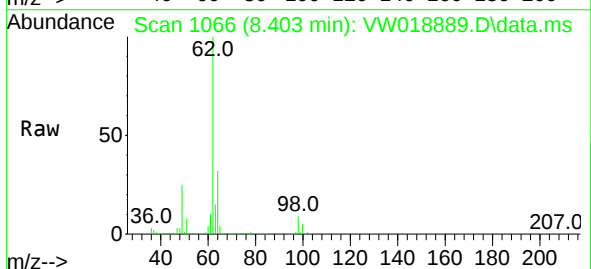
Instrument :
MSVOA_W
ClientSampled :

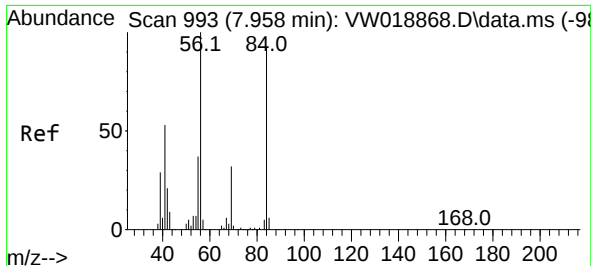
Tgt Ion: 83 Resp: 374076
Ion Ratio Lower Upper
83 100
85 65.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.43 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion: 62 Resp: 241478
Ion Ratio Lower Upper
62 100
98 9.2 6.9 10.3





#29

Cyclohexane

Concen: 25.46 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

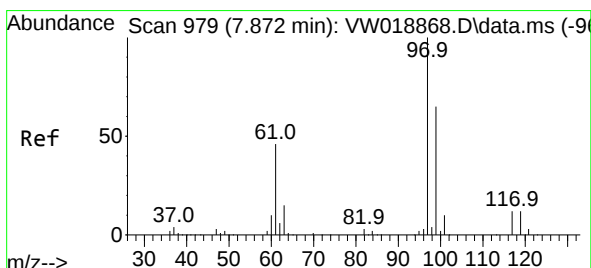
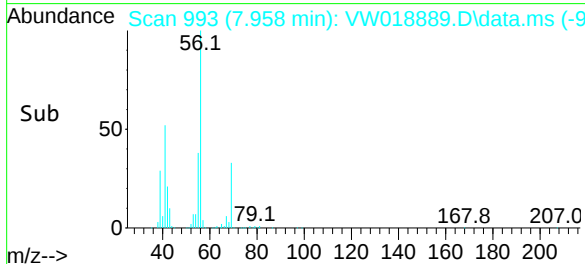
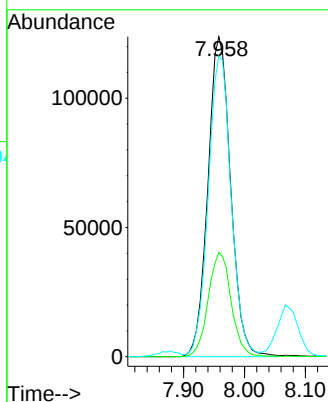
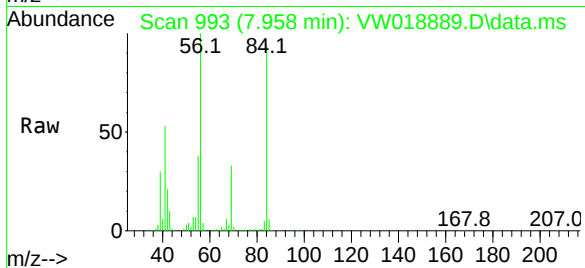
Lab File: VW018889.D

Acq: 30 Apr 2021 18:21

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 56 Resp: 322033

Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.5	36.7
84	94.1	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 25.74 ug/L

RT: 7.872 min Scan# 979

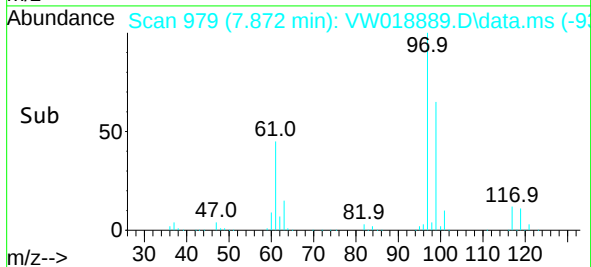
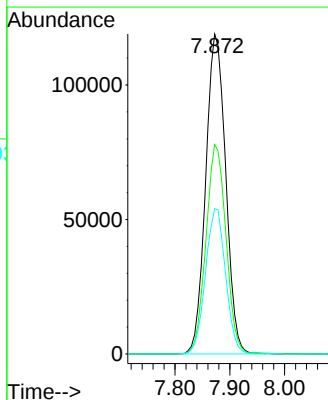
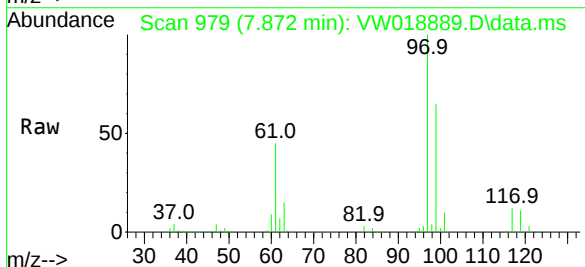
Delta R.T. -0.000 min

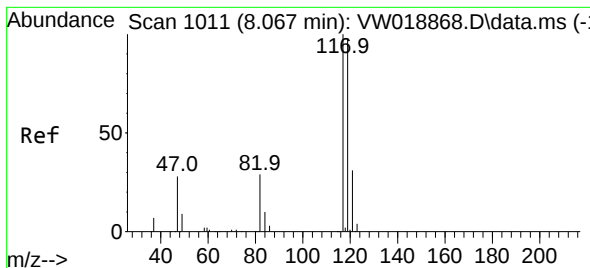
Lab File: VW018889.D

Acq: 30 Apr 2021 18:21

Tgt Ion: 97 Resp: 300944

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.4	77.2
61	45.6	37.8	56.6

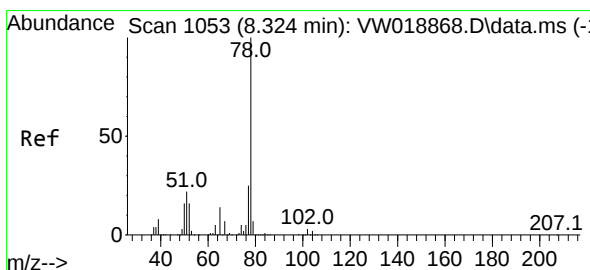
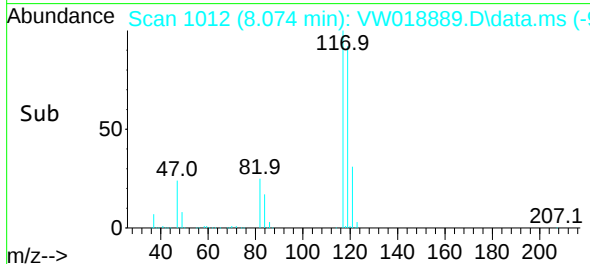
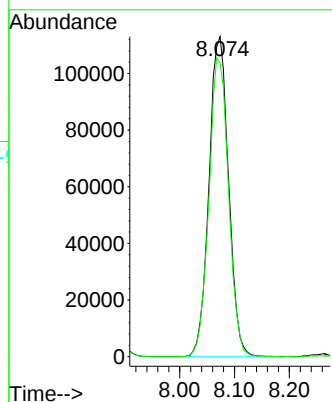
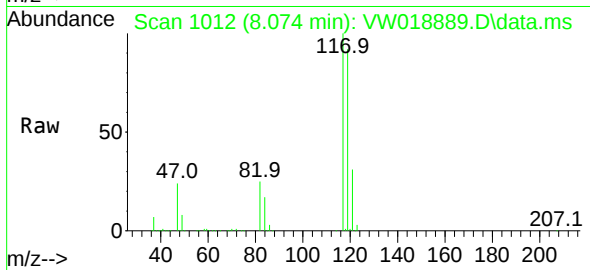




#31
Carbon tetrachloride
Concen: 26.26 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

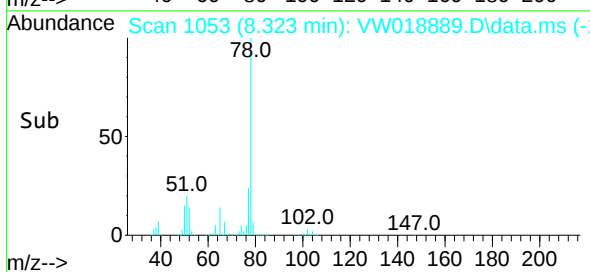
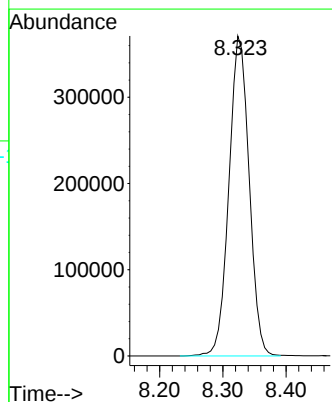
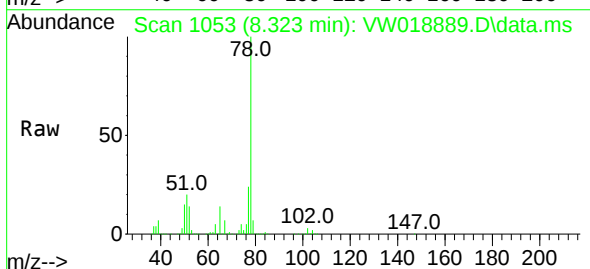
Instrument :
MSVOA_W
ClientSampled :

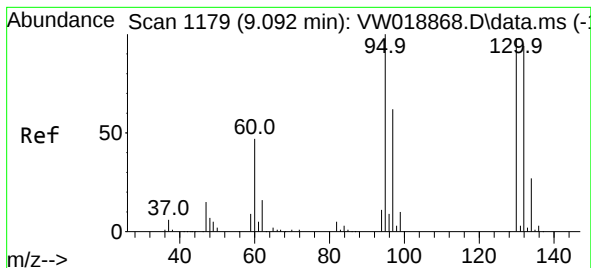
Tgt Ion:117 Resp: 279777
Ion Ratio Lower Upper
117 100
119 93.6 76.5 114.7



#33
Benzene
Concen: 26.04 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion: 78 Resp: 822708





#34

Trichloroethene

Concen: 26.02 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW018889.D

Acq: 30 Apr 2021 18:21

Tgt Ion: 95 Resp: 219307

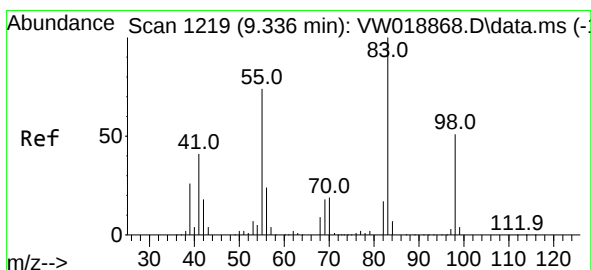
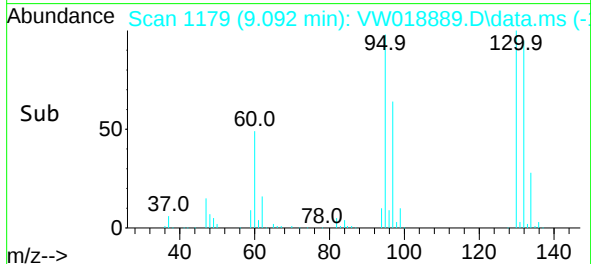
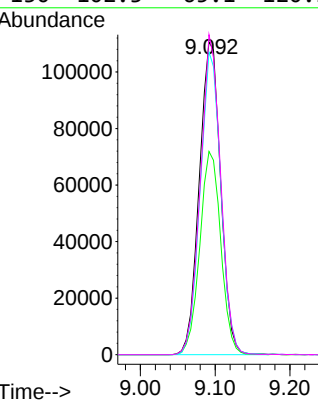
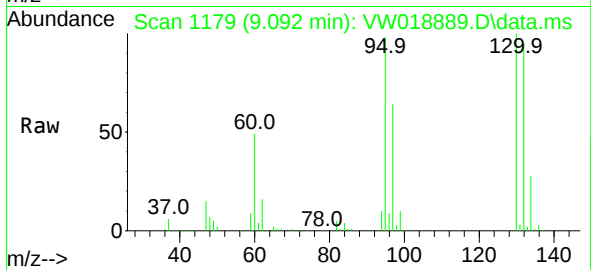
Ion Ratio Lower Upper

95 100

97 65.0 47.3 87.8

132 96.7 71.0 131.8

130 102.3 65.1 120.9



#35

Methylcyclohexane

Concen: 25.26 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW018889.D

Acq: 30 Apr 2021 18:21

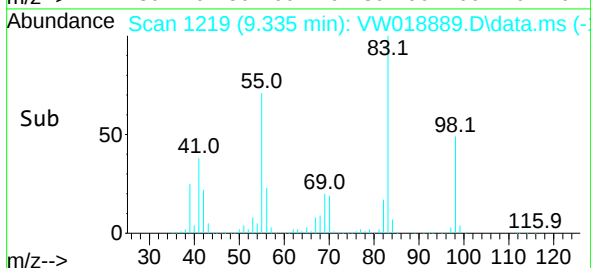
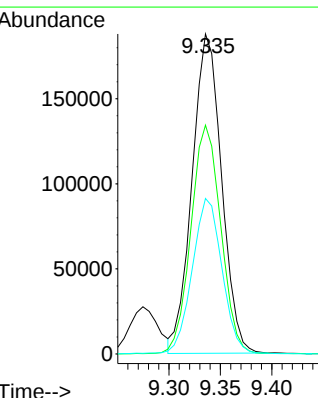
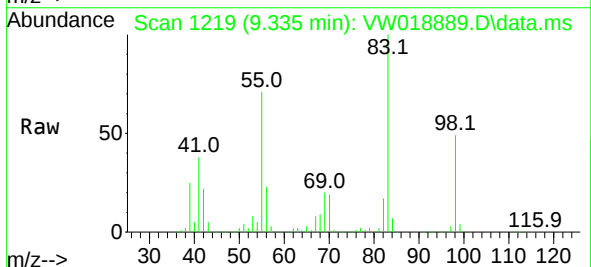
Tgt Ion: 83 Resp: 374447

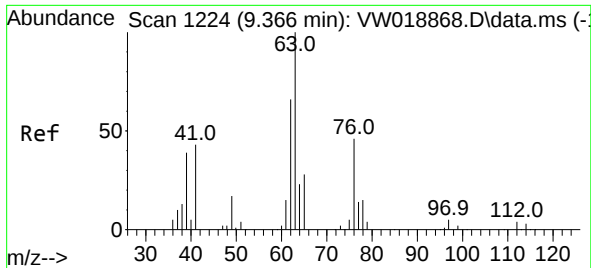
Ion Ratio Lower Upper

83 100

55 72.8 58.9 88.3

98 49.6 40.1 60.1

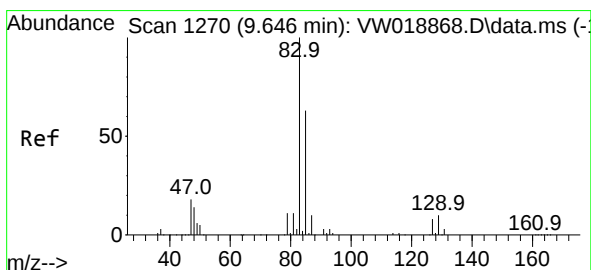
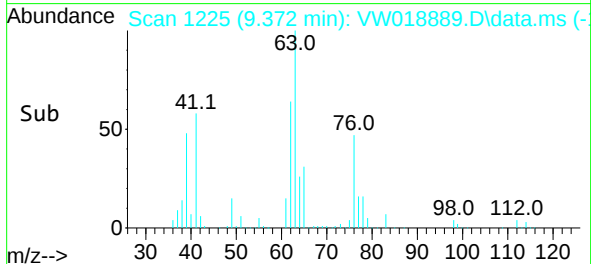
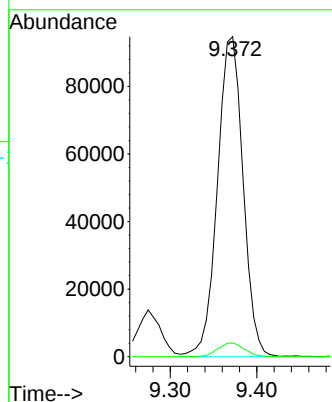
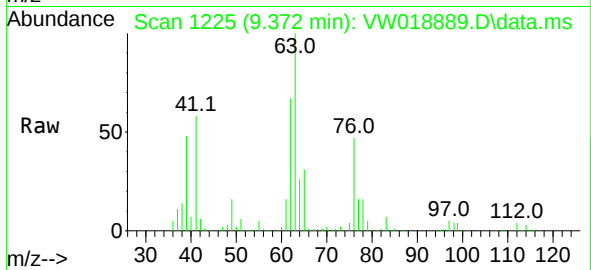




#37
1,2-Dichloropropane
Concen: 25.57 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

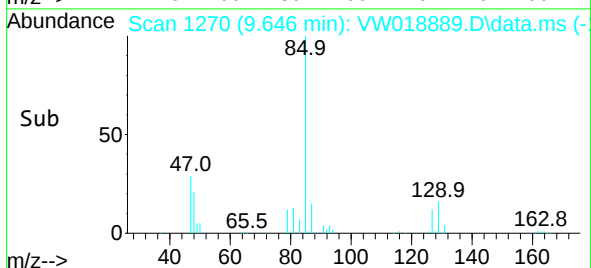
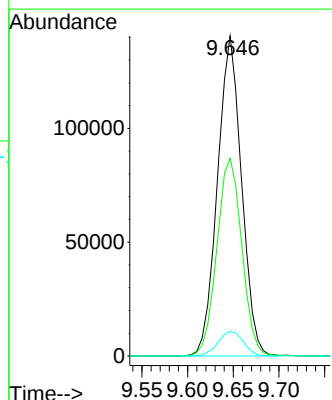
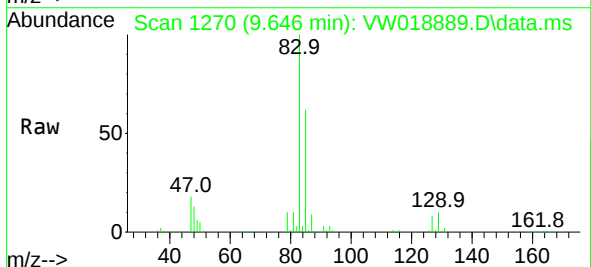
Instrument :
MSVOA_W
ClientSampled :

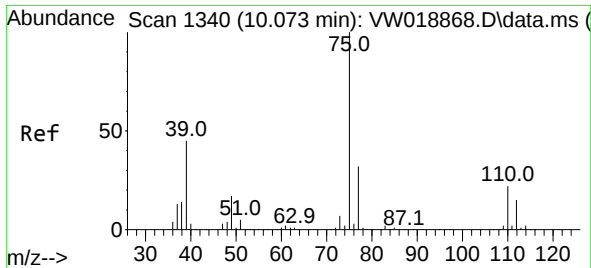
Tgt Ion: 63 Resp: 194793
Ion Ratio Lower Upper
63 100
112 4.4 3.9 5.9



#38
Bromodichloromethane
Concen: 25.62 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion: 83 Resp: 257668
Ion Ratio Lower Upper
83 100
85 61.7 42.3 78.5
127 7.6 6.6 9.8

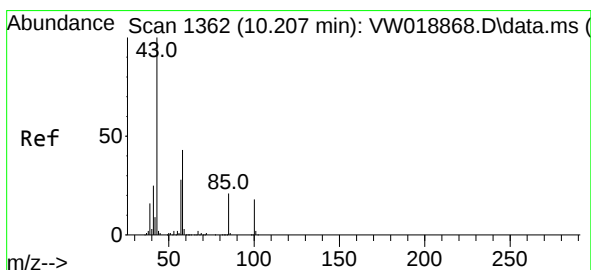
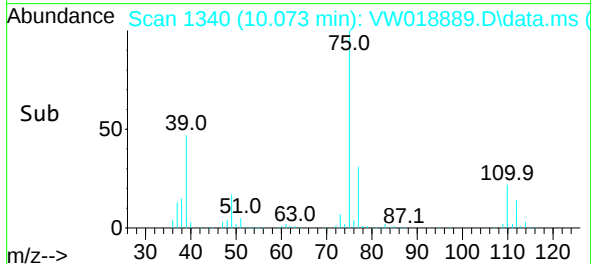
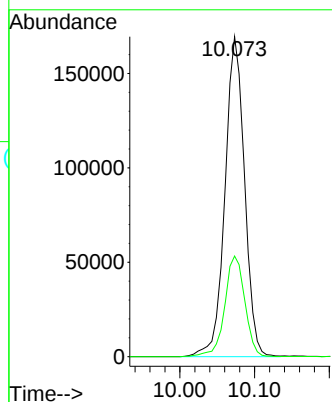
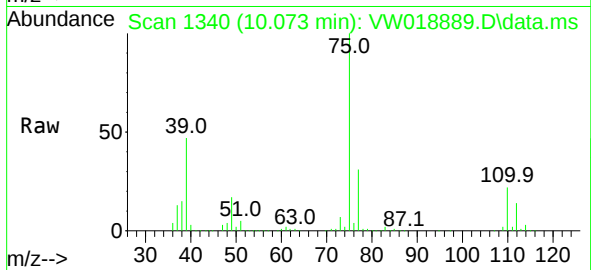




#39
cis-1,3-Dichloropropene
Concen: 25.45 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

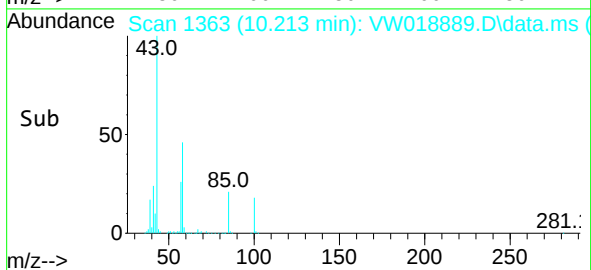
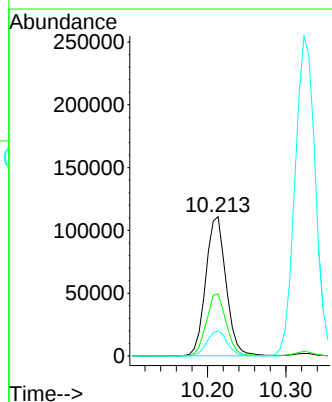
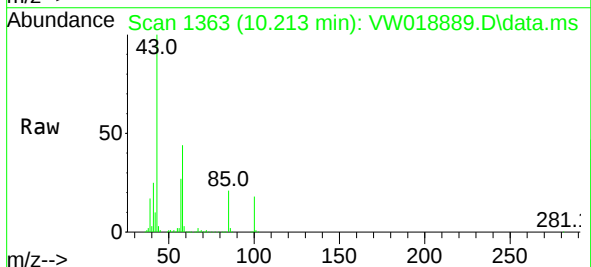
Instrument :
MSVOA_W
ClientSampled :

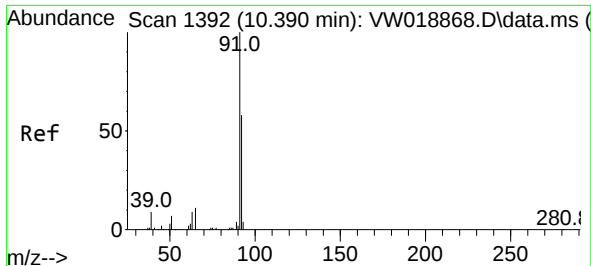
Tgt Ion: 75 Resp: 308800
Ion Ratio Lower Upper
75 100
77 31.4 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 42.16 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion: 43 Resp: 199419
Ion Ratio Lower Upper
43 100
58 43.9 31.0 46.4
100 18.0 13.0 19.6

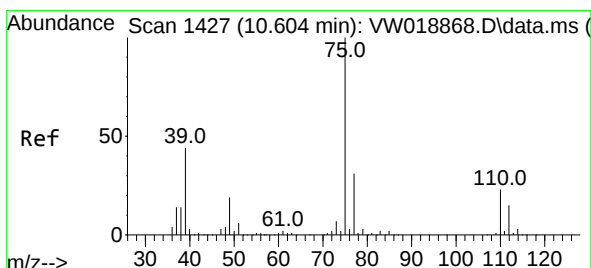
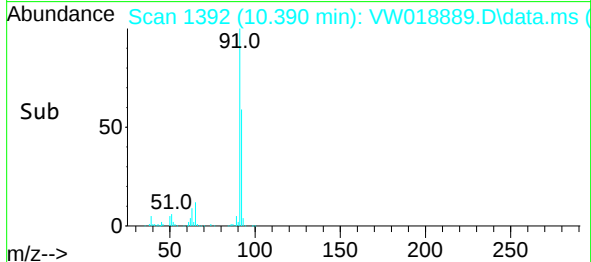
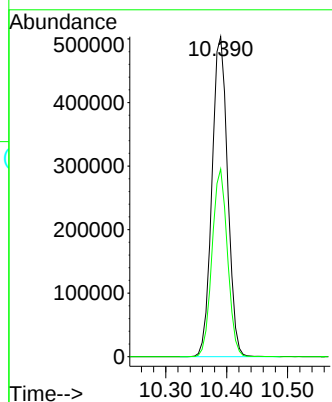
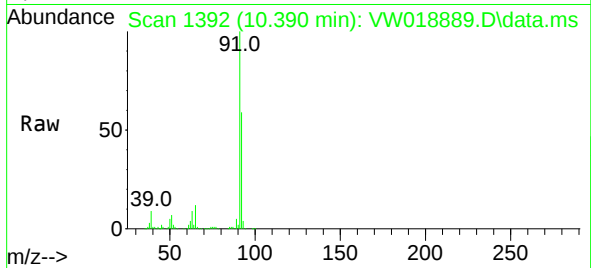




#42
Toluene
Concen: 25.84 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

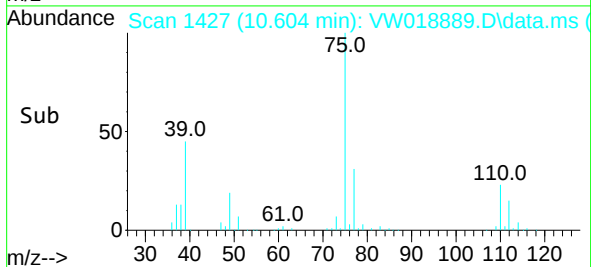
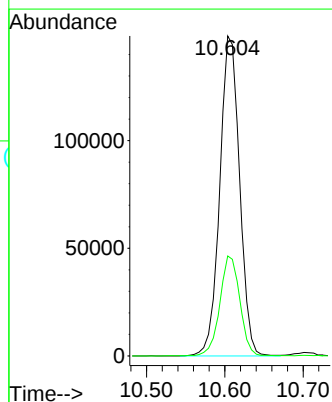
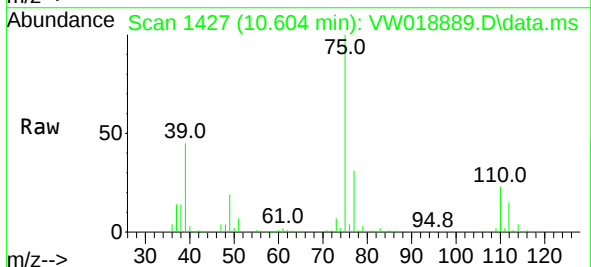
Instrument :
MSVOA_W
ClientSampled :

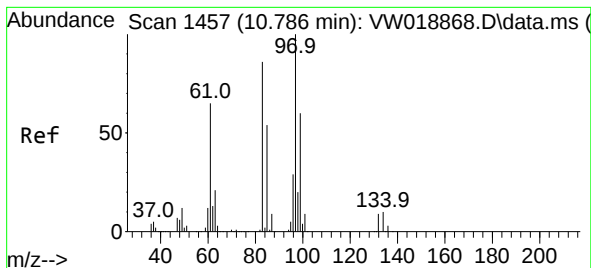
Tgt Ion: 91 Resp: 898515
Ion Ratio Lower Upper
91 100
92 58.6 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 24.60 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion: 75 Resp: 261651
Ion Ratio Lower Upper
75 100
77 31.3 21.1 39.1

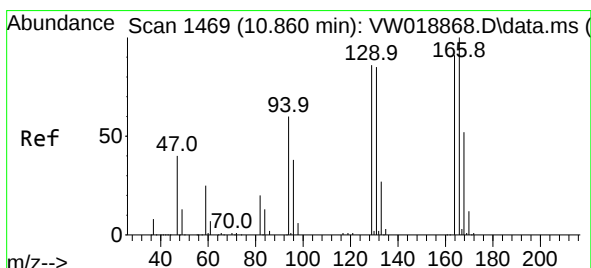
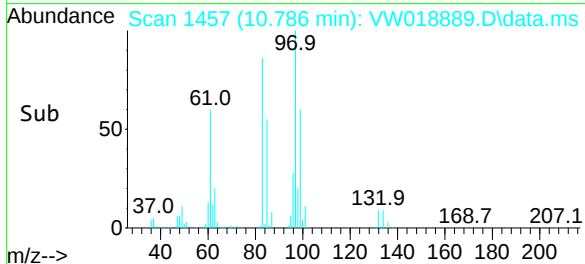
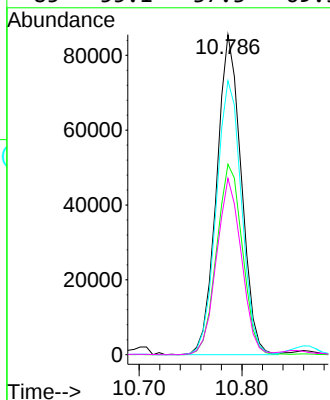
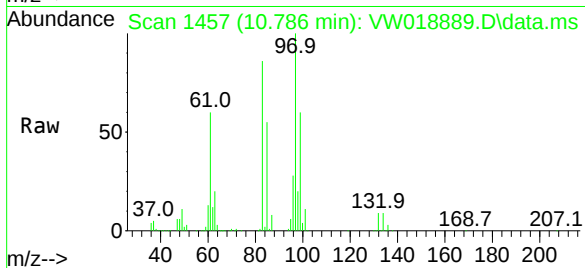




#45
1,1,2-Trichloroethane
Concen: 23.54 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

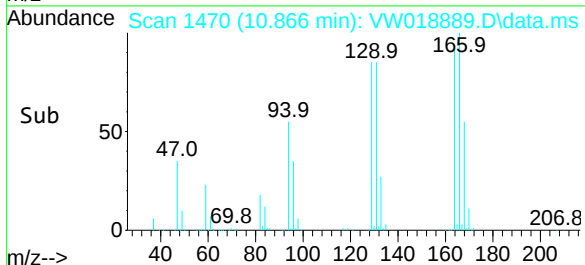
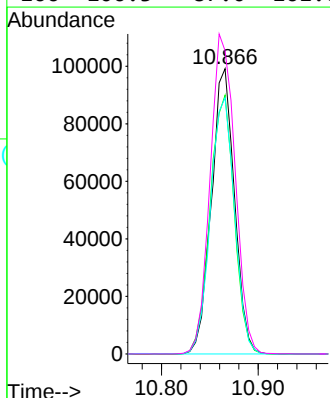
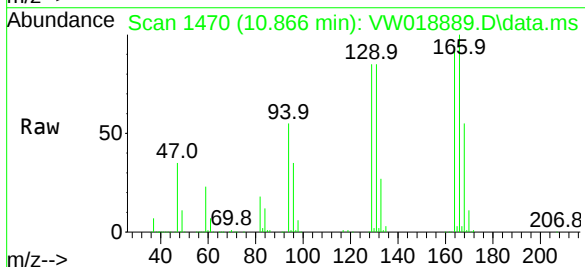
Instrument :
MSVOA_W
ClientSampled :

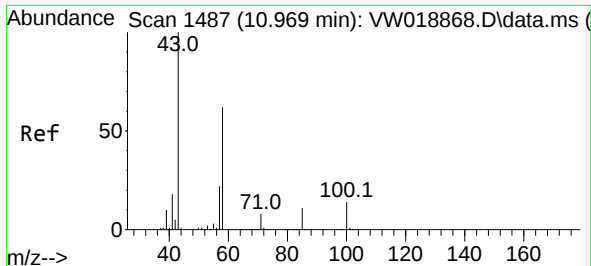
Tgt Ion: 97 Resp: 142431
Ion Ratio Lower Upper
97 100
99 59.5 45.1 83.7
83 85.6 58.1 107.9
85 55.1 37.3 69.3



#46
Tetrachloroethene
Concen: 25.97 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

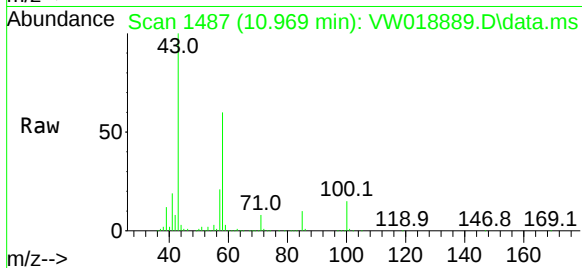
Tgt Ion:164 Resp: 164603
Ion Ratio Lower Upper
164 100
129 90.7 66.7 123.9
131 89.8 61.1 113.5
166 106.3 87.0 161.6



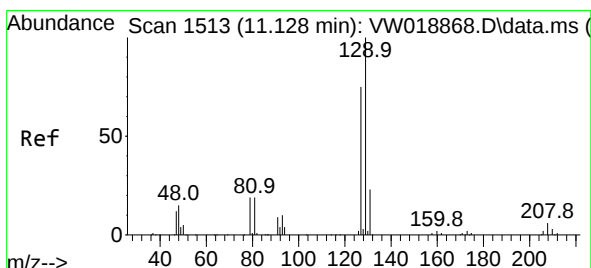
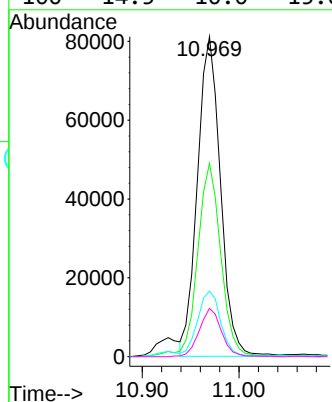
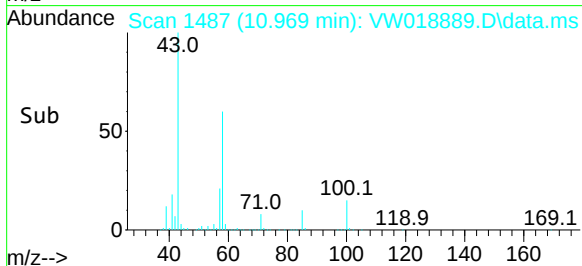


#48
2-Hexanone
Concen: 43.73 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

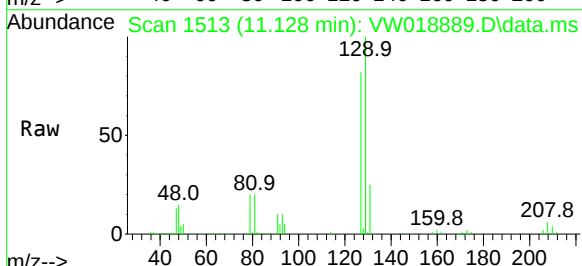
Instrument :
MSVOA_W
ClientSampleId :



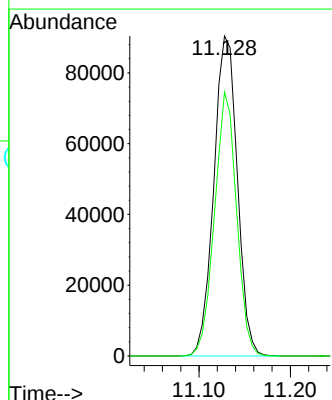
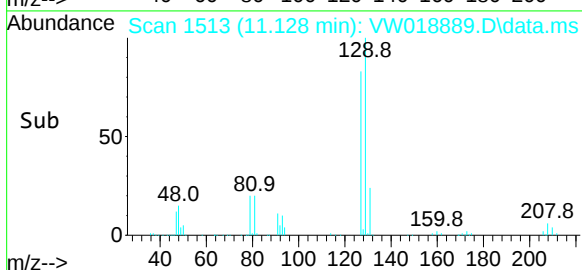
Tgt Ion: 43 Resp: 134730
Ion Ratio Lower Upper
43 100
58 59.8 42.7 64.1
57 20.3 15.8 23.8
100 14.5 10.0 15.0

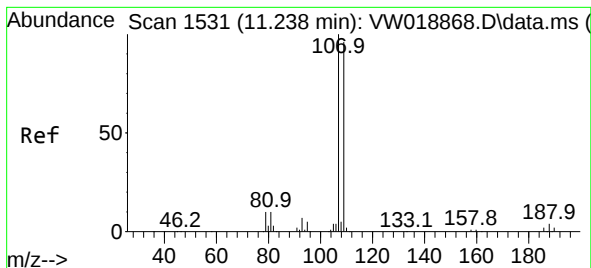


#49
Dibromochloromethane
Concen: 24.71 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21



Tgt Ion: 129 Resp: 161913
Ion Ratio Lower Upper
129 100
127 82.5 51.7 95.9

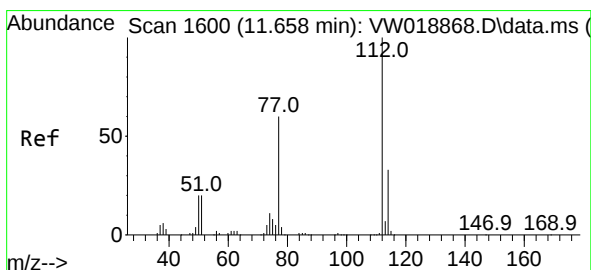
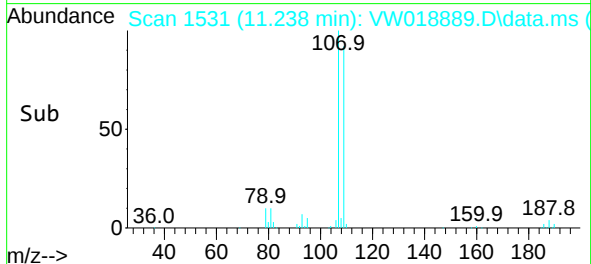
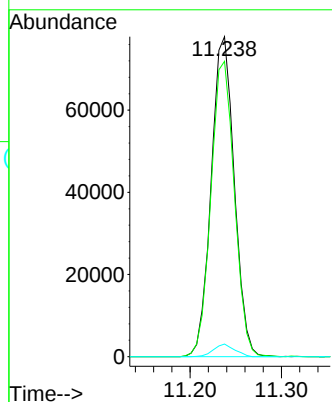
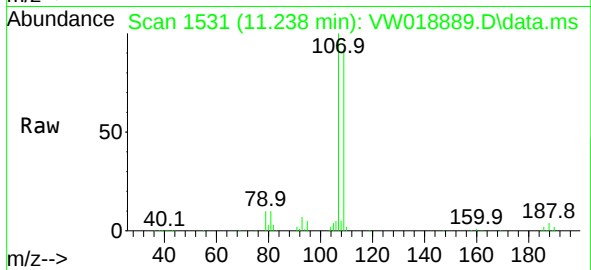




#50
1,2-Dibromoethane
Concen: 23.29 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

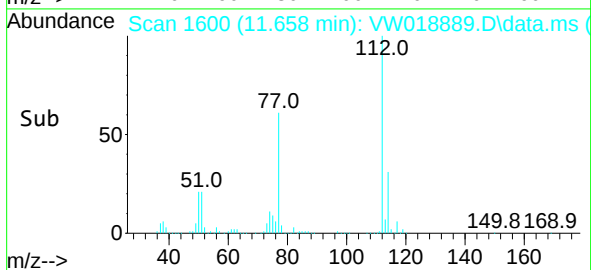
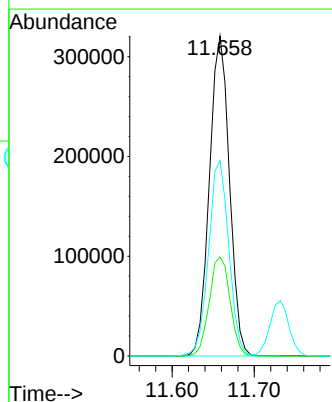
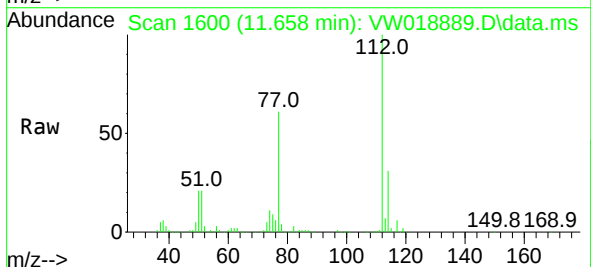
Instrument :
MSVOA_W
ClientSampleId :

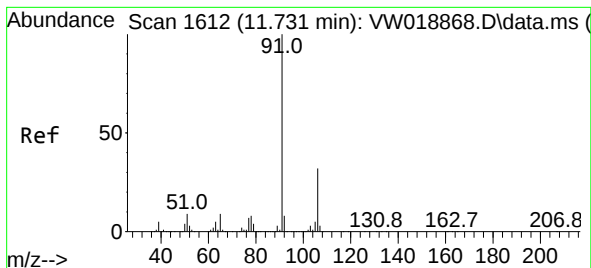
Tgt Ion:107 Resp: 136635
Ion Ratio Lower Upper
107 100
109 92.3 65.4 121.4
188 4.0 2.6 4.0



#51
Chlorobenzene
Concen: 25.49 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion:112 Resp: 541892
Ion Ratio Lower Upper
112 100
114 30.9 23.4 43.6
77 61.1 47.6 71.4

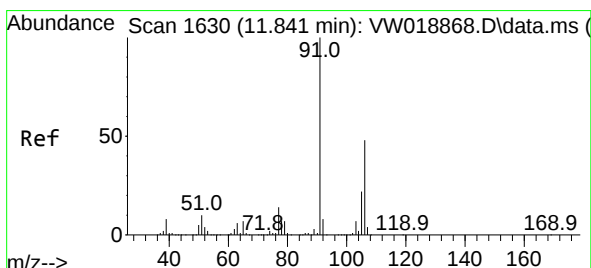
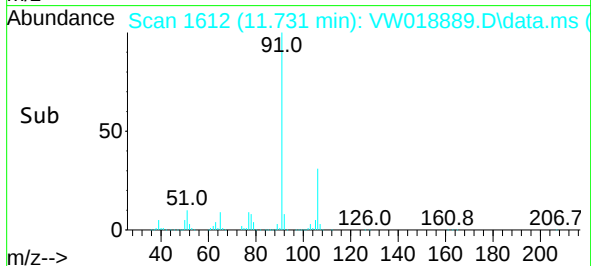
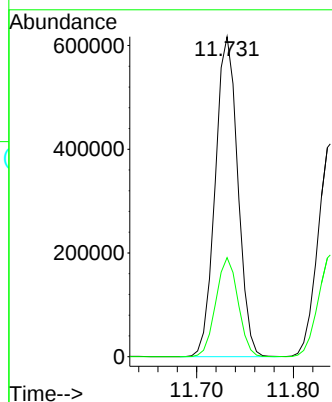
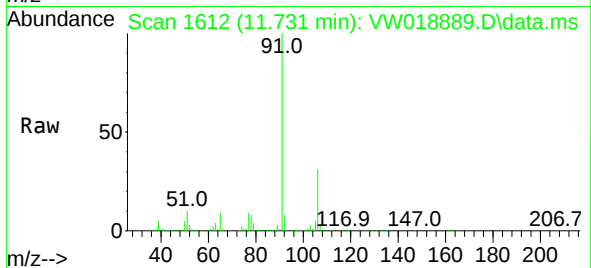




#52
Ethylbenzene
Concen: 25.93 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

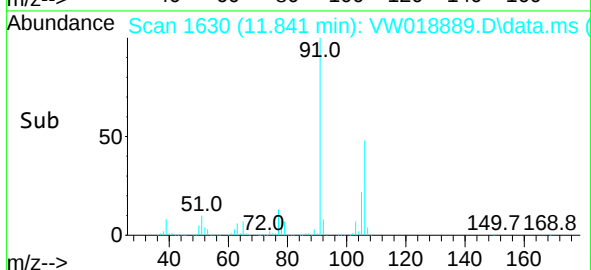
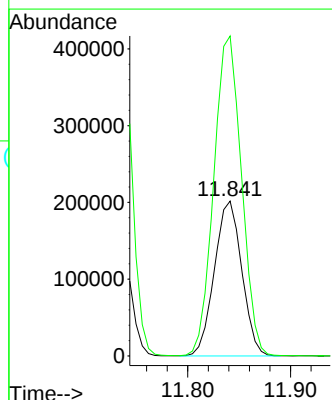
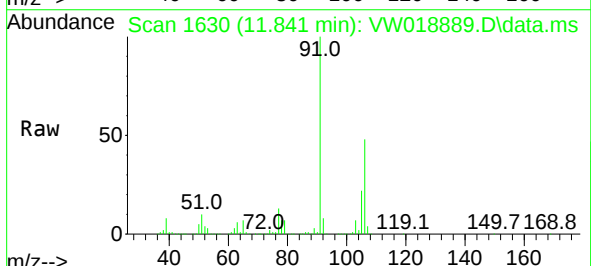
Instrument :
MSVOA_W
ClientSampled :

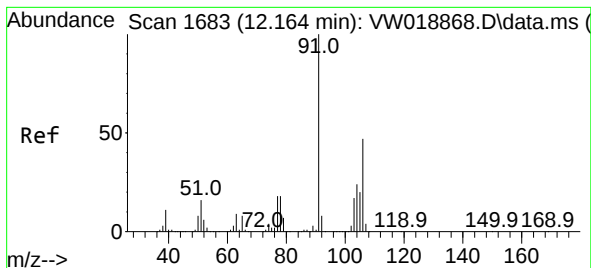
Tgt Ion: 91 Resp: 999447
Ion Ratio Lower Upper
91 100
106 31.0 22.5 41.7



#53
m,p-Xylene
Concen: 26.05 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion:106 Resp: 373094
Ion Ratio Lower Upper
106 100
91 206.7 141.3 262.3

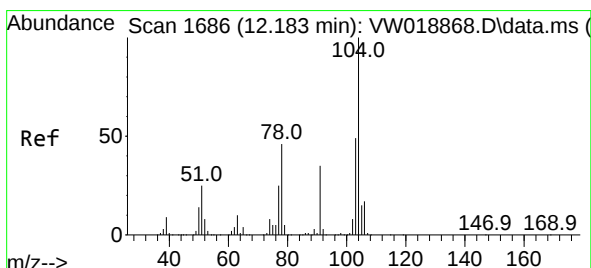
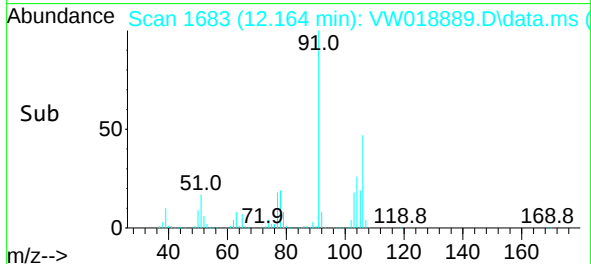
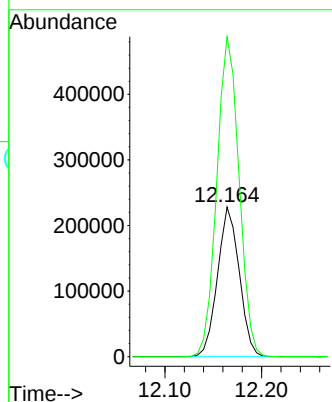
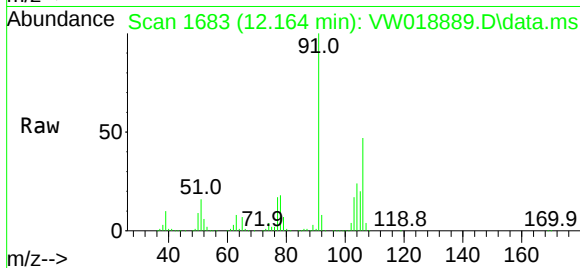




#54
o-Xylene
Concen: 26.06 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

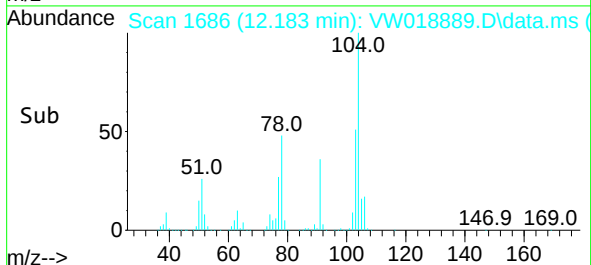
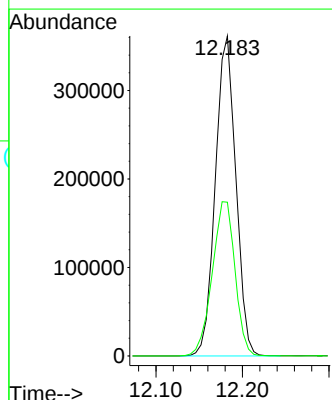
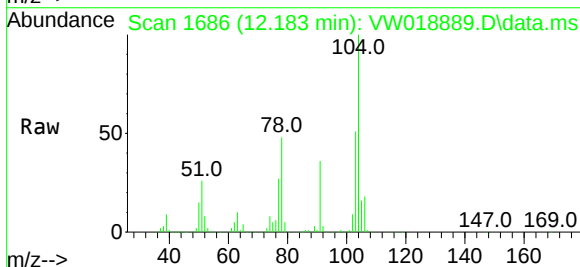
Instrument :
MSVOA_W
ClientSampled :

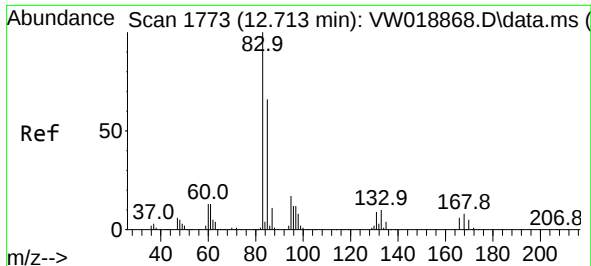
Tgt Ion:106 Resp: 355694
Ion Ratio Lower Upper
106 100
91 213.8 150.0 278.6



#55
Styrene
Concen: 25.91 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion:104 Resp: 594565
Ion Ratio Lower Upper
104 100
78 48.1 32.5 60.3

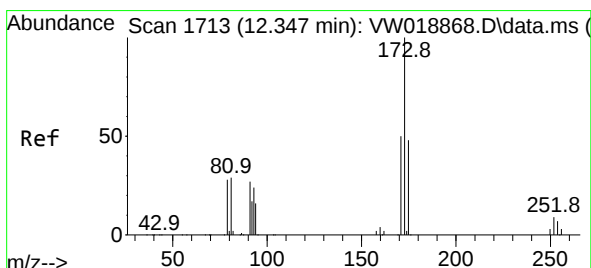
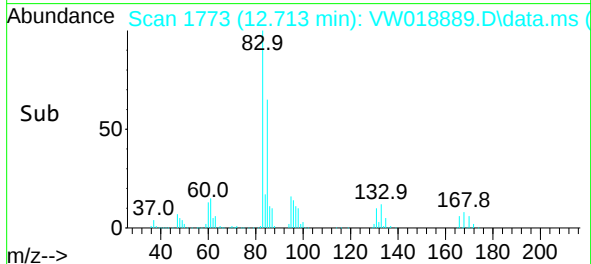
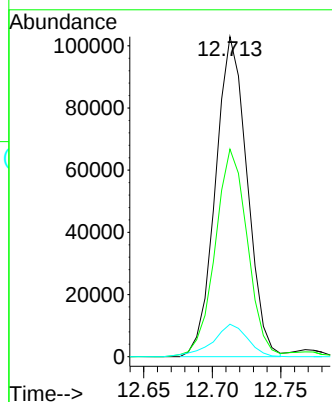
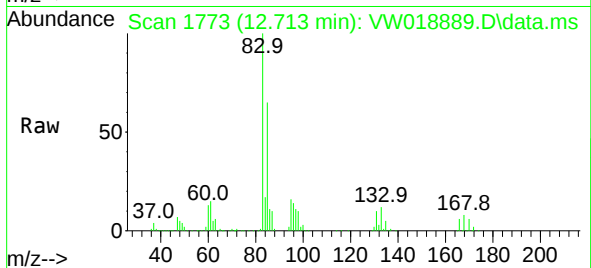




#57
1,1,2,2-Tetrachloroethane
Concen: 22.59 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

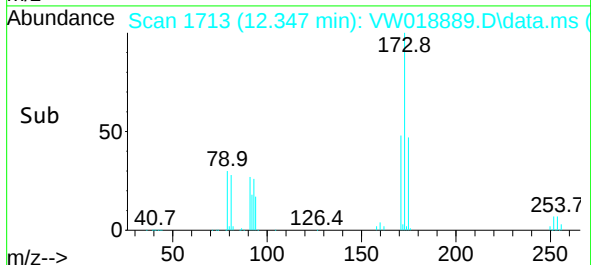
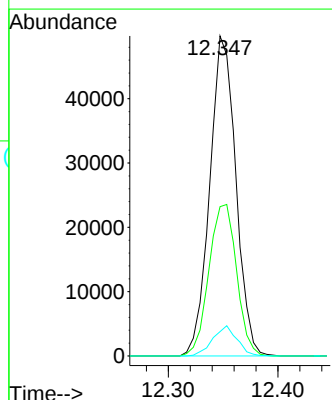
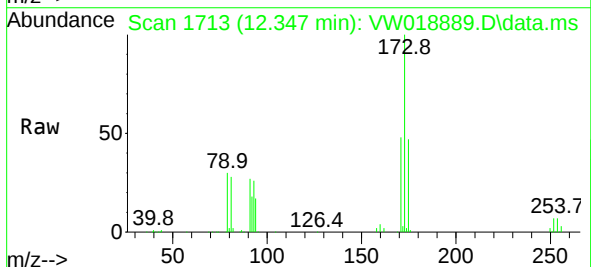
Instrument :
MSVOA_W
ClientSampled :

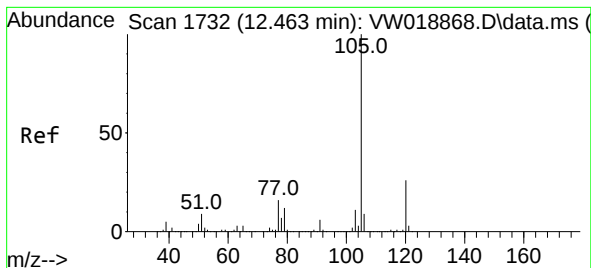
Tgt Ion: 83 Resp: 165241
Ion Ratio Lower Upper
83 100
85 64.8 44.4 82.4
131 10.2 8.2 12.4



#59
Bromoform
Concen: 23.22 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion:173 Resp: 82413
Ion Ratio Lower Upper
173 100
175 50.2 37.5 56.3
254 8.8 7.0 10.4

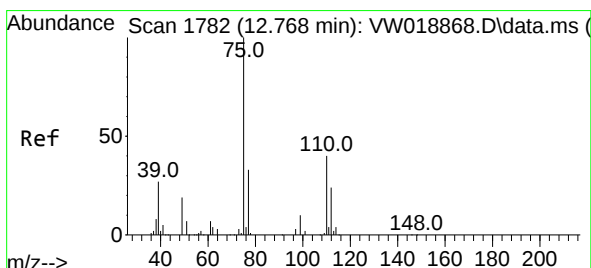
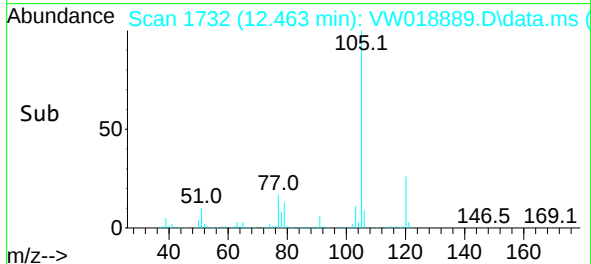
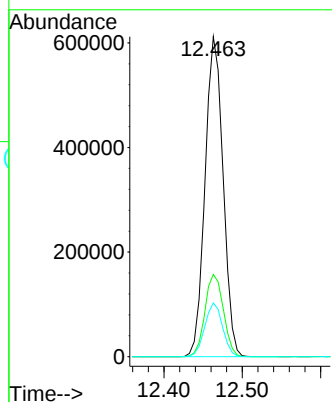
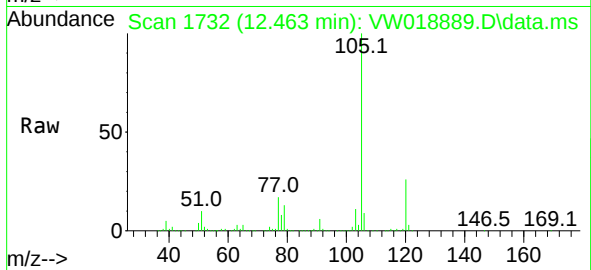




#60
Isopropylbenzene
Concen: 26.69 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

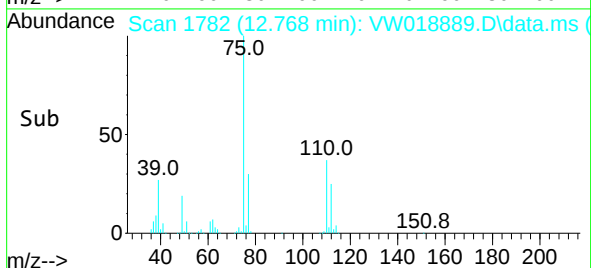
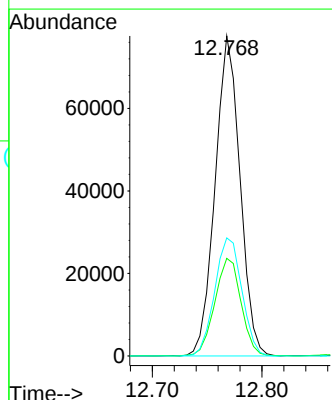
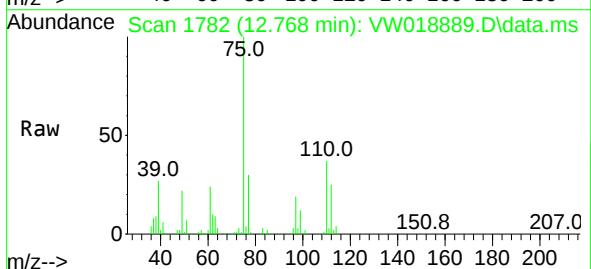
Instrument :
MSVOA_W
ClientSampled :

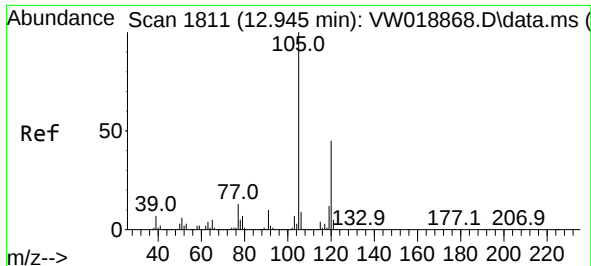
Tgt Ion:105 Resp: 977081
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 22.52 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion: 75 Resp: 122437
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 40.1 32.6 48.8

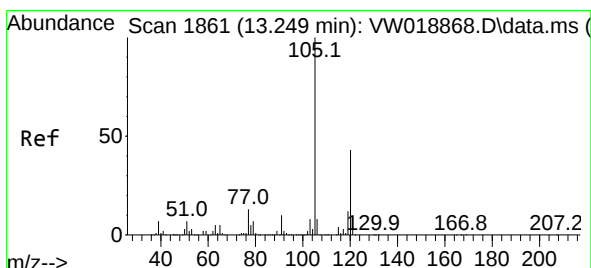
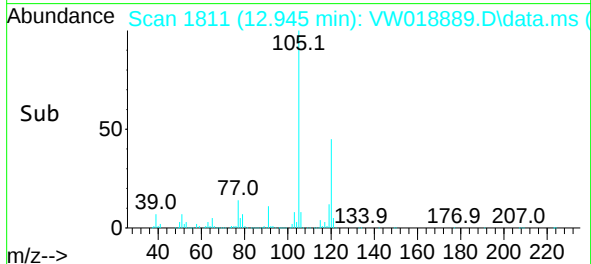
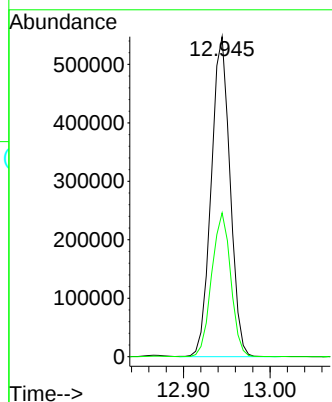
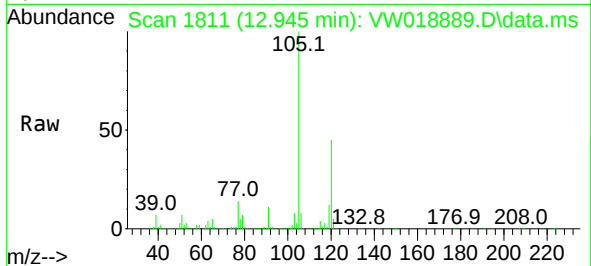




#62
1,3,5-Trimethylbenzene
Concen: 27.07 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

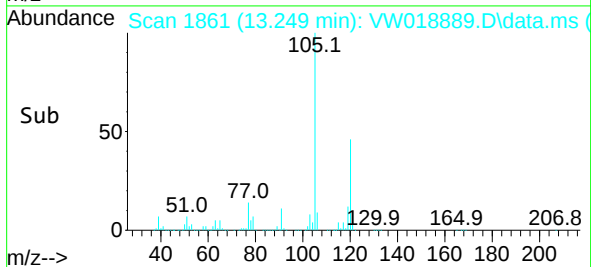
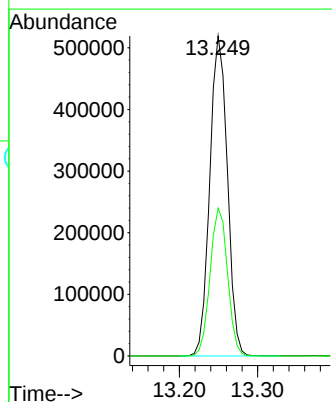
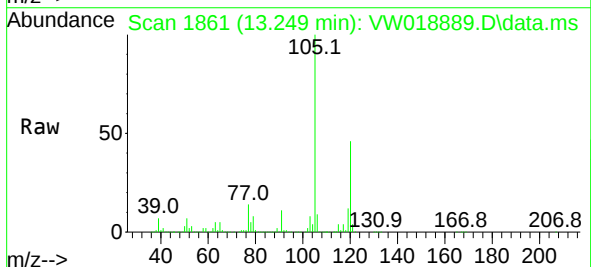
Instrument :
MSVOA_W
ClientSampled :

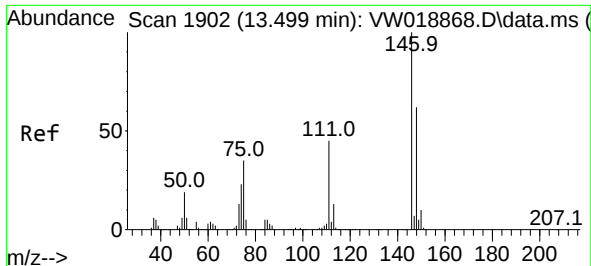
Tgt Ion:105 Resp: 827161
Ion Ratio Lower Upper
105 100
120 45.4 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 26.46 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion:105 Resp: 809085
Ion Ratio Lower Upper
105 100
120 45.8 35.6 53.4

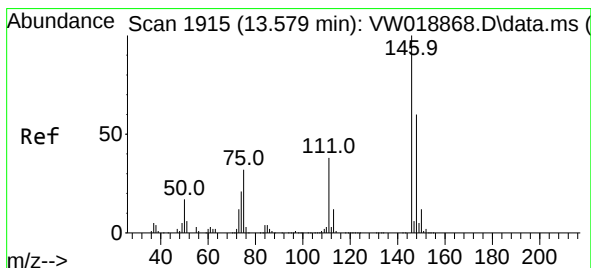
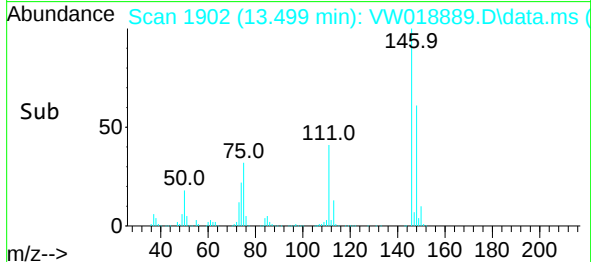
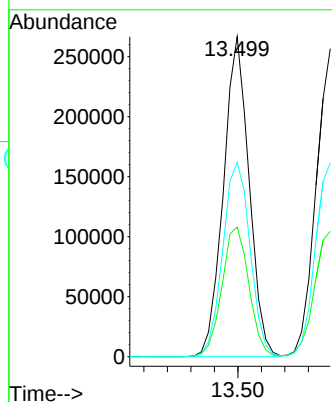
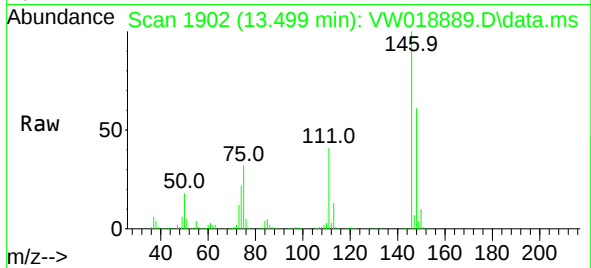




#64
1,3-Dichlorobenzene
Concen: 26.16 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

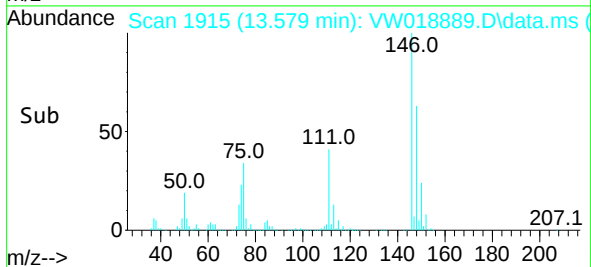
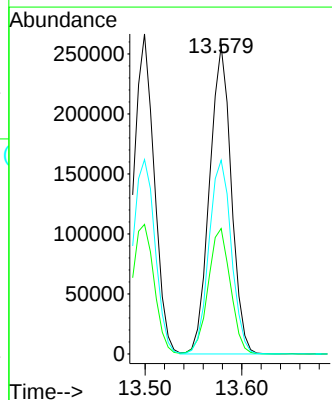
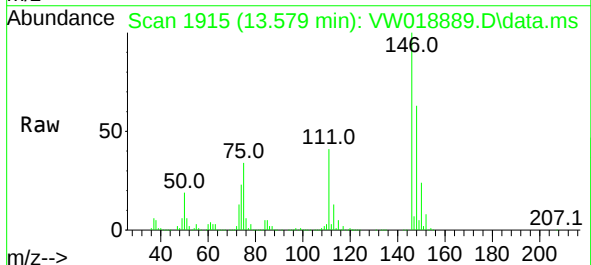
Instrument :
MSVOA_W
ClientSampled :

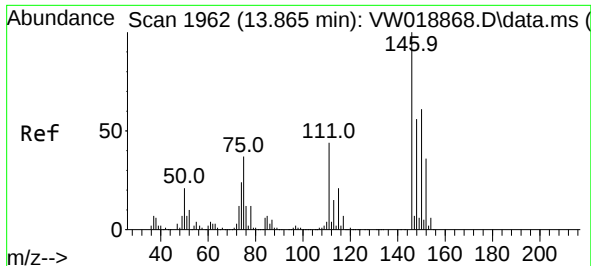
Tgt Ion:146 Resp: 404023
Ion Ratio Lower Upper
146 100
111 40.5 26.7 49.7
148 60.7 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.71 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion:146 Resp: 400861
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.4
148 62.9 46.8 87.0

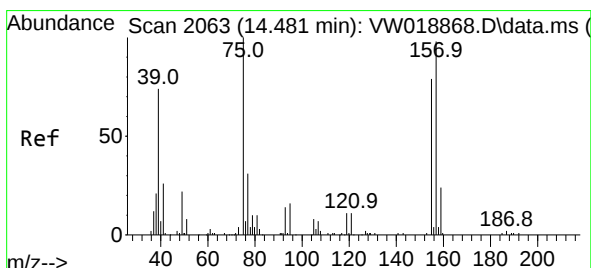
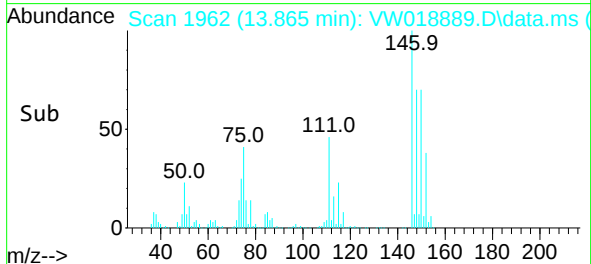
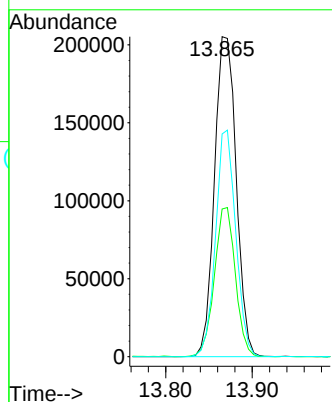
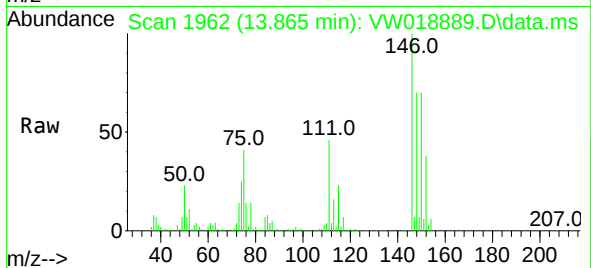




#67
1,2-Dichlorobenzene
Concen: 25.61 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

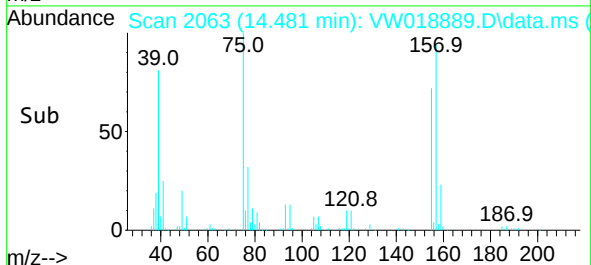
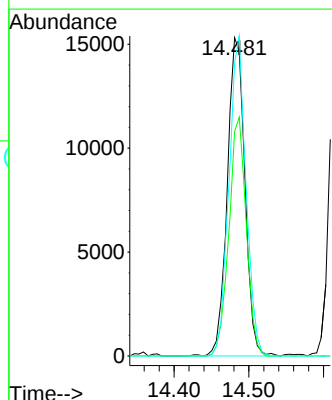
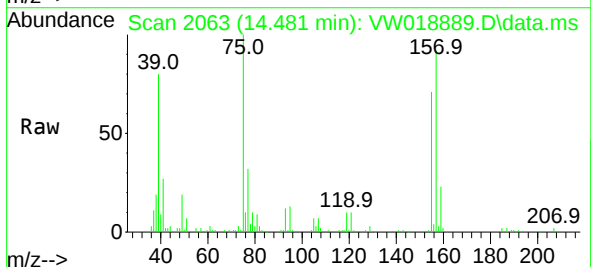
Instrument :
MSVOA_W
ClientSampleId :

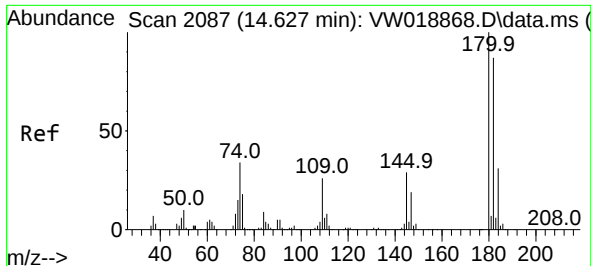
Tgt Ion:146 Resp: 358023
Ion Ratio Lower Upper
146 100
111 46.1 33.2 49.8
148 69.6 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.73 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

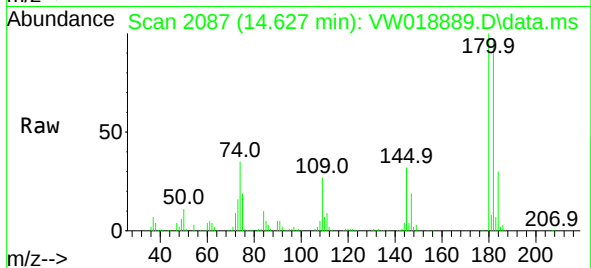
Tgt Ion: 75 Resp: 25119
Ion Ratio Lower Upper
75 100
155 70.5 59.4 89.0
157 92.1 72.2 108.2



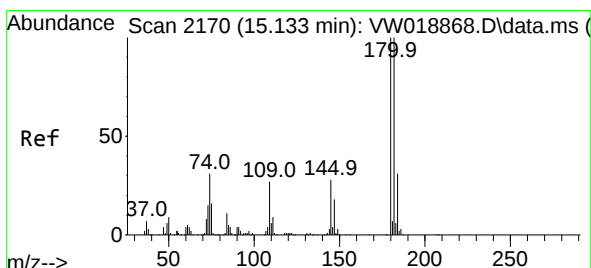
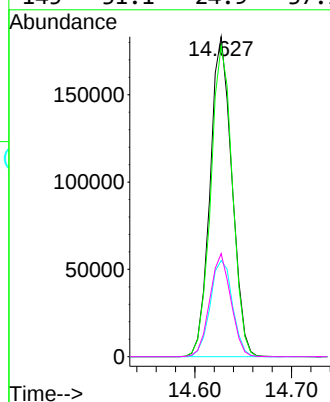
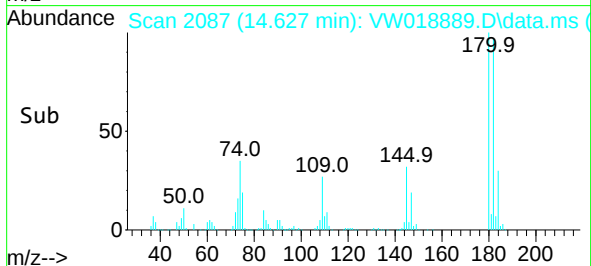


#69
1,3,5-Trichlorobenzene
Concen: 25.78 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

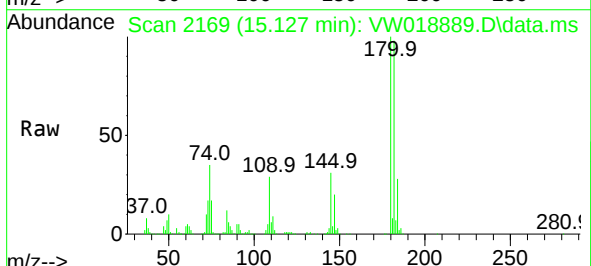
Instrument :
MSVOA_W
ClientSampled :



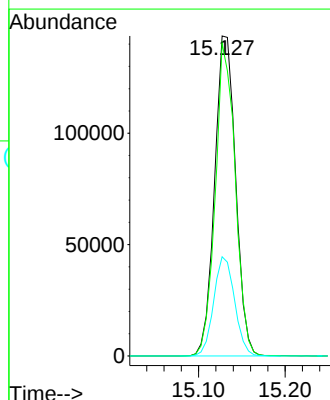
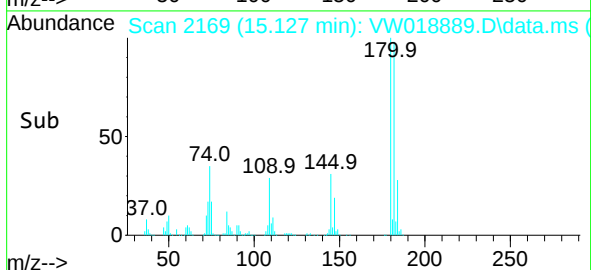
Tgt Ion:180 Resp: 287100
Ion Ratio Lower Upper
180 100
182 96.2 73.4 110.2
184 30.8 23.6 35.4
145 31.1 24.9 37.3

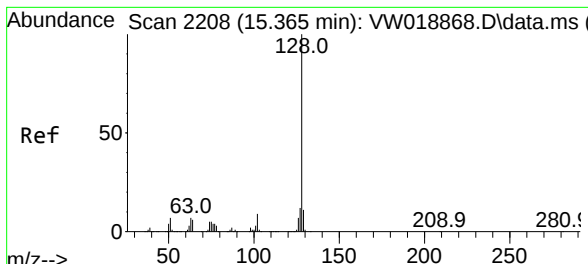


#70
1,2,4-trichlorobenzene
Concen: 26.22 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21



Tgt Ion:180 Resp: 242445
Ion Ratio Lower Upper
180 100
182 92.8 74.7 112.1
145 30.8 25.0 37.4

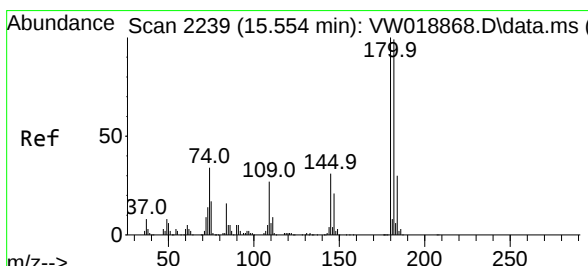
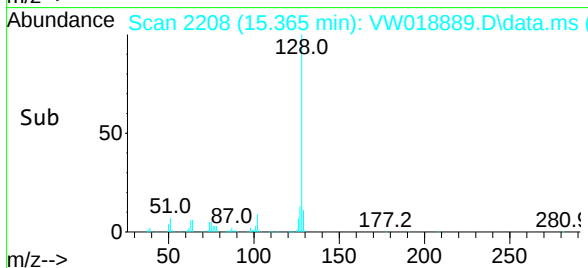
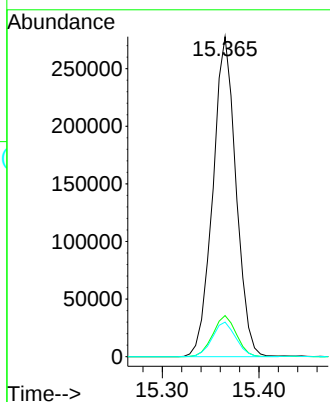
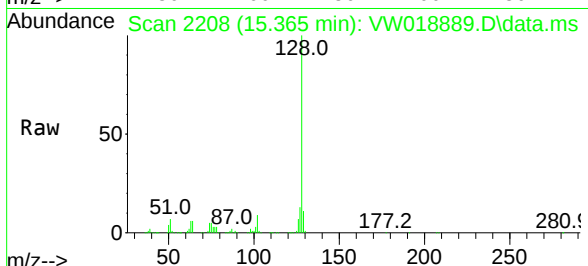




#71
Naphthalene
Concen: 23.66 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:	128	Resp:	461695
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	11.0	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.33 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018889.D
Acq: 30 Apr 2021 18:21

Tgt Ion:	180	Resp:	206739
Ion Ratio	Lower	Upper	
180	100		
182	89.0	76.7	115.1
145	34.1	28.9	43.3

