

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018073.D
 Acq On : 10 Feb 2021 19:33
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:59:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	356670	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	319102	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	174454	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	89721	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
7) Chloroethane-d5	2.892	69	74540	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	4.032	63	198647	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.68%
20) 2-Butanone-d5	7.074	46	66081	55.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.72%
24) Chloroform-d	7.647	84	223855	23.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	8.305	65	119109	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.56%
29) Benzene-d6	8.275	84	428790	24.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.88%
33) 1,2-Dichloropropane-d6	9.275	67	122014	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.60%
37) Toluene-d8	10.323	98	410848	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloroprop...	10.579	79	57538	25.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.60%
39) 2-Hexanone-d5	10.927	63	55332	59.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.12%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	121745	28.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.12%
61) 1,2-Dichlorobenzene-d4	13.853	152	158797	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	111341	23.07	ug/L	96
3) Chloromethane	2.215	50	76826	21.61	ug/L	97
5) Vinyl chloride	2.367	62	125624	25.63	ug/L	98
6) Bromomethane	2.782	94	83128	23.84	ug/L	98
8) Chloroethane	2.928	64	71232	24.32	ug/L	98
9) Trichlorofluoromethane	3.257	101	80740	22.78	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	128513	25.37	ug/L #	66
12) 1,1-Dichloroethene	4.050	96	121143	25.42	ug/L	90
13) Acetone	4.117	43	40427	46.19	ug/L	98
14) Carbon disulfide	4.391	76	344295	24.81	ug/L	100
15) Methyl Acetate	4.672	43	54286	27.96	ug/L	97
16) Methylene chloride	4.922	84	123195	21.55	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	143388	26.80	ug/L	96
18) trans-1,2-Dichloroethene	5.428	96	128460	25.22	ug/L	92
19) 1,1-Dichloroethane	6.214	63	205209	24.96	ug/L	99
21) 2-Butanone	7.165	43	70433	52.86	ug/L	95
22) cis-1,2-Dichloroethene	7.171	96	135483	25.65	ug/L	94
23) Bromochloromethane	7.519	128	65264	25.70	ug/L	91
25) Chloroform	7.677	83	226523	25.25	ug/L	99

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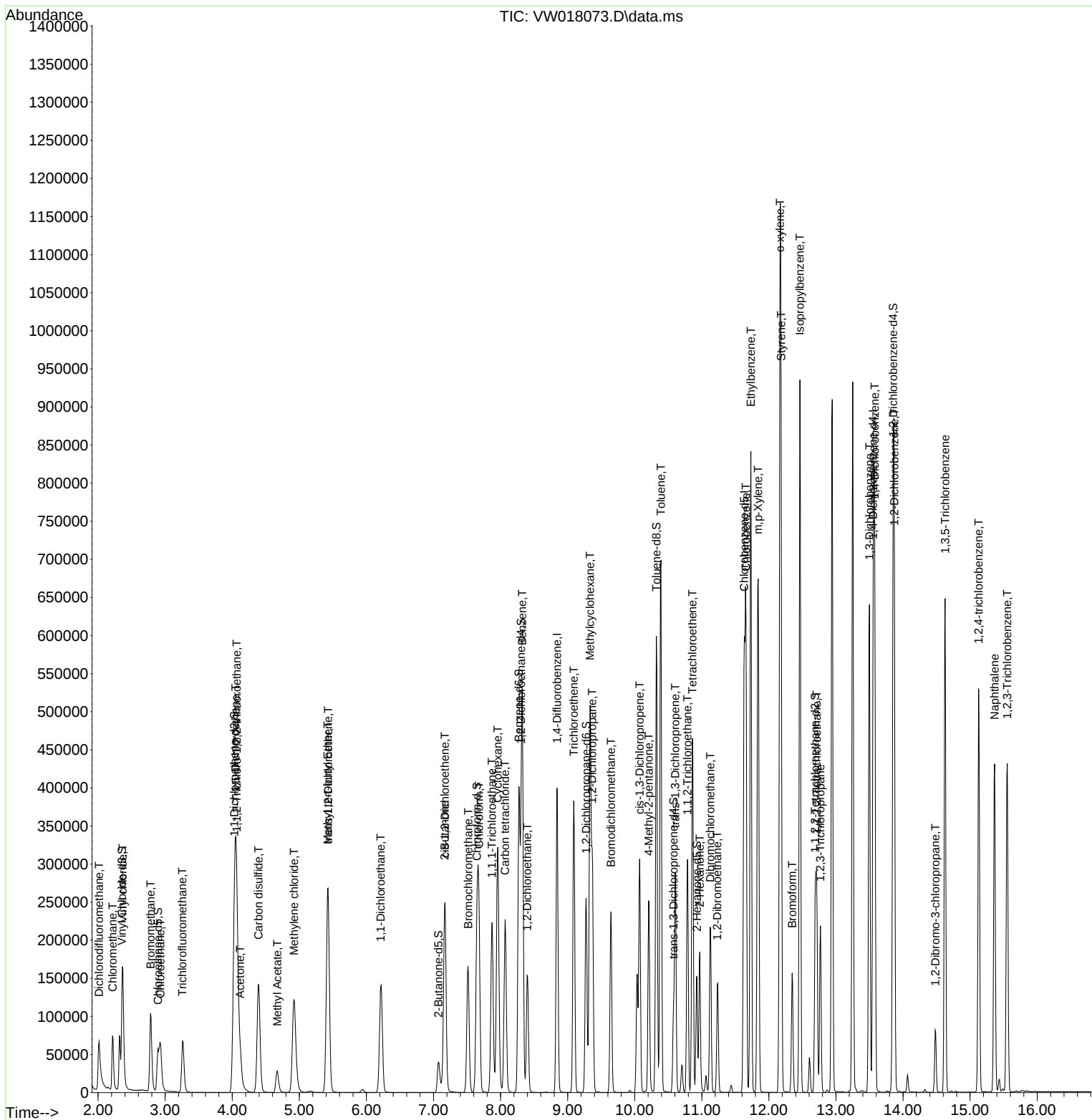
Instrument :
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 ClientSampleId :

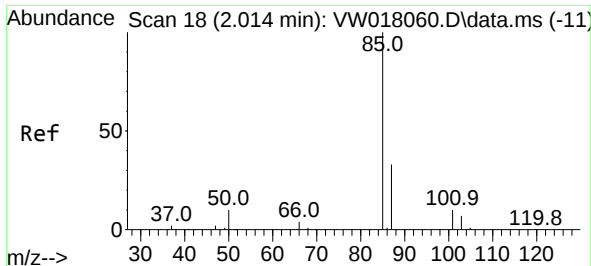
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	145352	24.97	ug/L	100
30) Cyclohexane	7.958	56	185810	25.46	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	186588	26.37	ug/L	99
32) Carbon tetrachloride	8.067	117	179981	26.26	ug/L	100
34) Benzene	8.323	78	483884	25.95	ug/L	100
35) Trichloroethene	9.092	95	134934	25.67	ug/L	99
36) Methylcyclohexane	9.335	83	222962	25.23	ug/L	96
40) 1,2-Dichloropropane	9.366	63	112904	26.38	ug/L	100
41) Bromodichloromethane	9.646	83	163374	26.66	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	183797	26.65	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	151447	56.91	ug/L #	92
44) Toluene	10.390	91	537073	26.16	ug/L	100
45) trans-1,3-Dichloropropene	10.604	75	163423	27.22	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	99879	27.34	ug/L	98
47) Tetrachloroethene	10.860	164	112563	25.16	ug/L	93
49) 2-Hexanone	10.969	43	108702	58.78	ug/L	95
50) Dibromochloromethane	11.128	129	120645	27.56	ug/L	97
51) 1,2-Dibromoethane	11.231	107	98816	27.12	ug/L #	99
52) Chlorobenzene	11.658	112	353499	26.14	ug/L	95
53) Ethylbenzene	11.731	91	597583	25.62	ug/L	99
54) m,p-Xylene	11.841	106	231465	26.03	ug/L	97
55) o-xylene	12.164	106	219644	26.03	ug/L	100
56) Styrene	12.183	104	377765	26.33	ug/L	98
57) Isopropylbenzene	12.463	105	611184	26.01	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	121146	28.03	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	91314	27.89	ug/L	99
62) Bromoform	12.347	173	76471	28.44	ug/L	97
63) 1,3-Dichlorobenzene	13.499	146	280381	25.21	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	281473	25.17	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	260663	25.99	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	20800	27.38	ug/L	94
67) 1,3,5-Trichlorobenzene	14.627	180	217348	25.44	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	177653	24.94	ug/L	94
69) Naphthalene	15.365	128	382823	27.63	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	164635	25.93	ug/L	98

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

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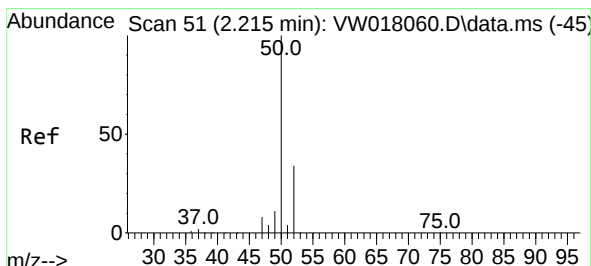
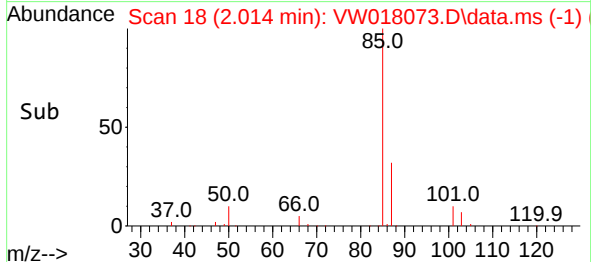
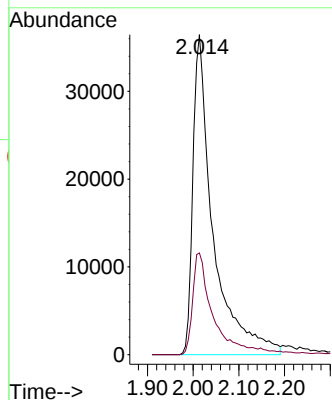
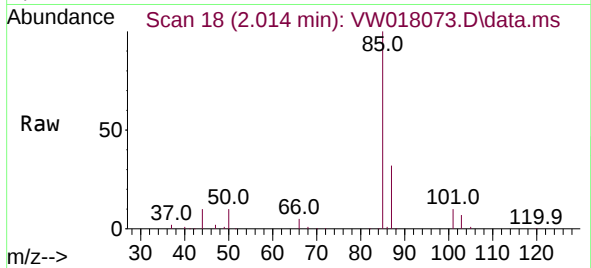




#2
Dichlorodifluoromethane
Concen: 23.07 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

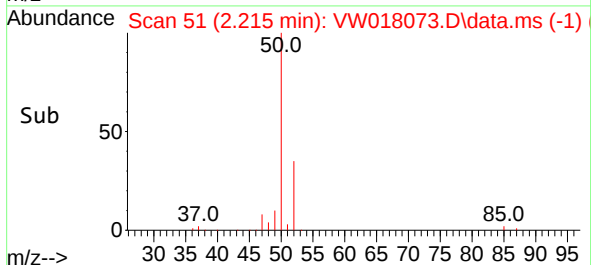
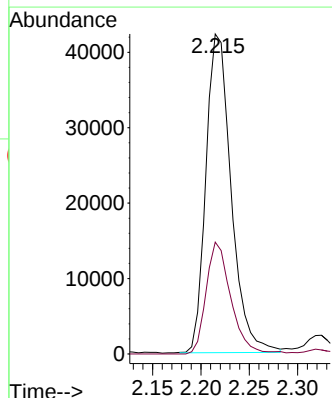
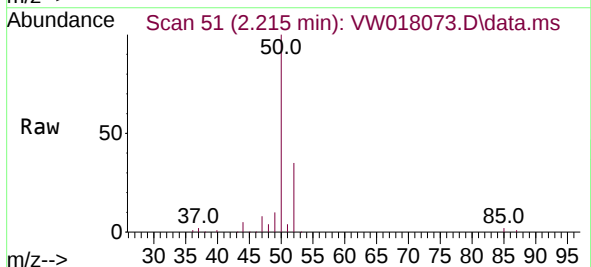
Instrument :
MSVOA_W
ClientSampleId :

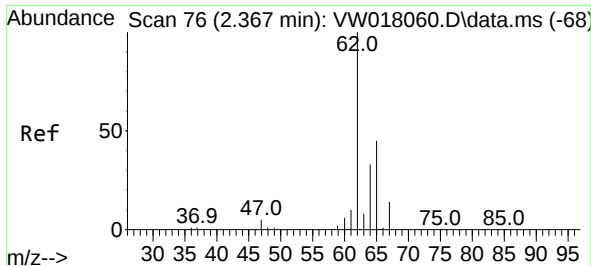
Tgt Ion: 85 Resp: 111341
Ion Ratio Lower Upper
85 100
87 30.6 23.2 43.0



#3
Chloromethane
Concen: 21.61 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 50 Resp: 76826
Ion Ratio Lower Upper
50 100
52 34.9 23.4 43.6

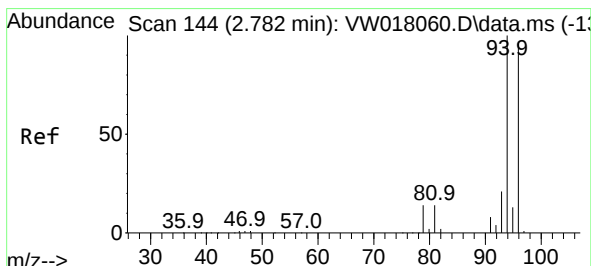
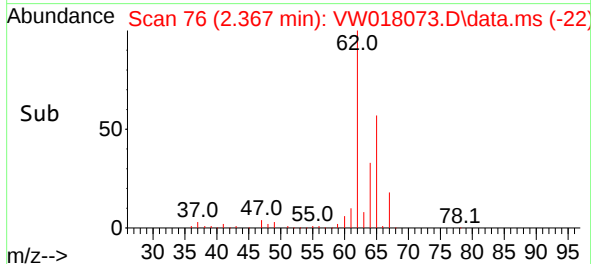
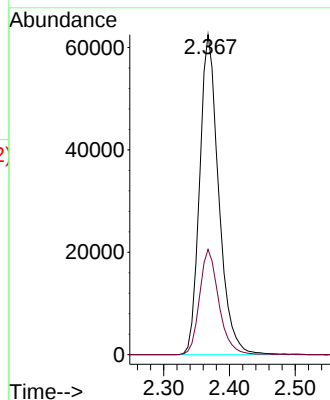
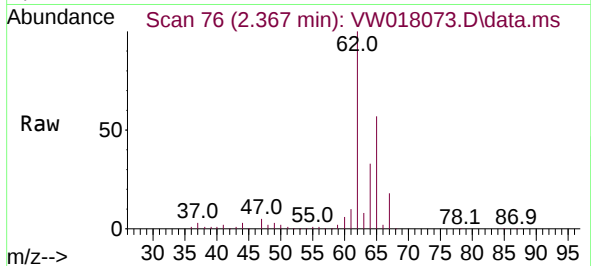




#5
 Vinyl chloride
 Concen: 25.63 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018073.D
 Acq: 10 Feb 2021 19:33

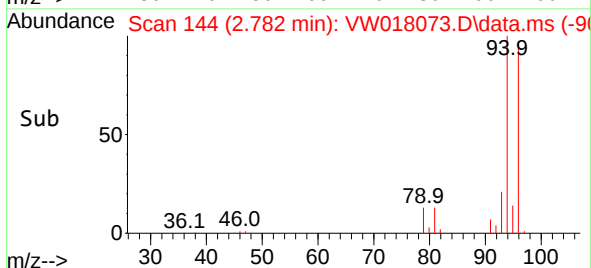
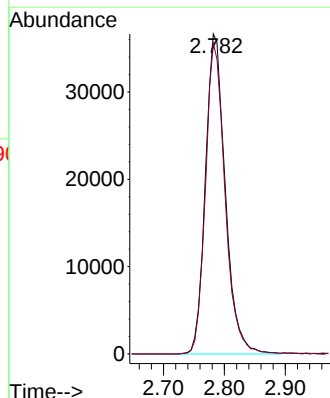
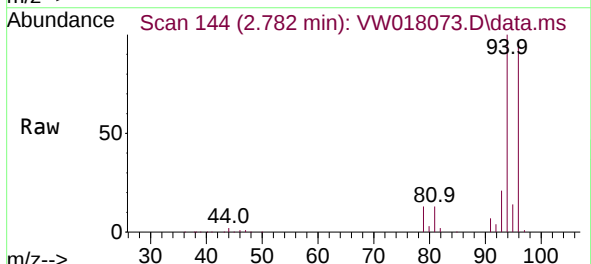
Instrument :
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 ClientSampled :

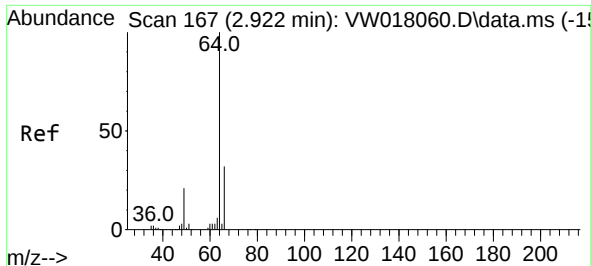
Tgt Ion: 62 Resp: 125624
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.9 44.5



#6
 Bromomethane
 Concen: 23.84 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018073.D
 Acq: 10 Feb 2021 19:33

Tgt Ion: 94 Resp: 83128
 Ion Ratio Lower Upper
 94 100
 96 95.5 9.4 178.0

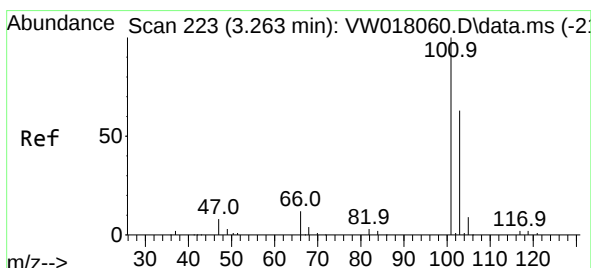
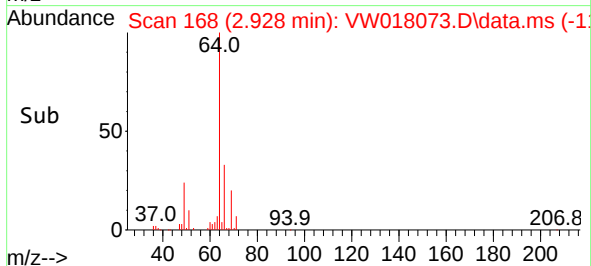
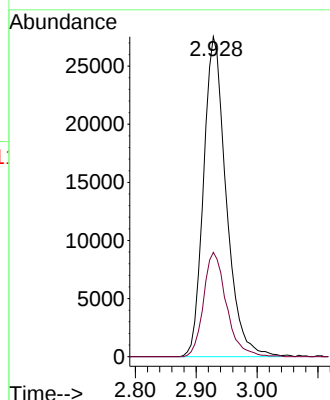
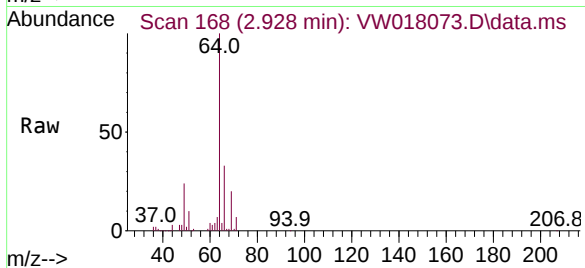




#8
Chloroethane
Concen: 24.32 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

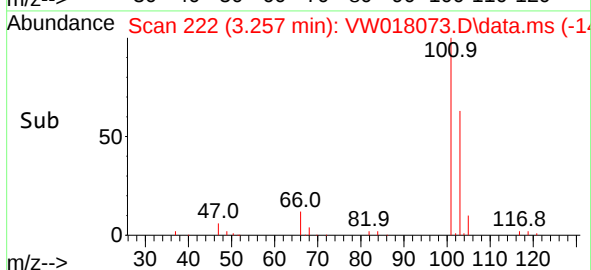
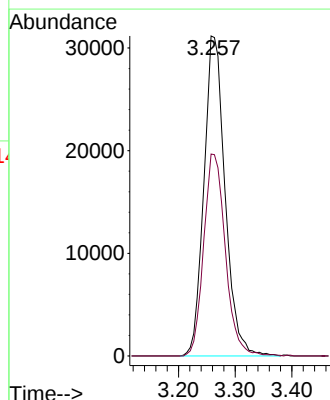
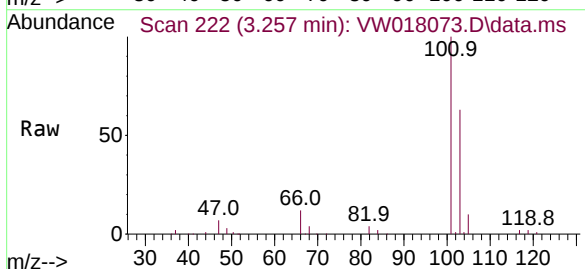
Instrument :
MSVOA_W
ClientSampled :

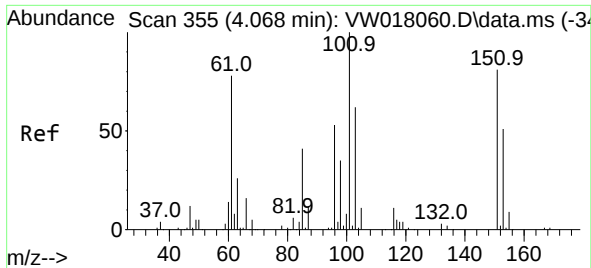
Tgt Ion: 64 Resp: 71232
Ion Ratio Lower Upper
64 100
66 32.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 22.78 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 101 Resp: 80740
Ion Ratio Lower Upper
101 100
103 64.4 45.0 83.6

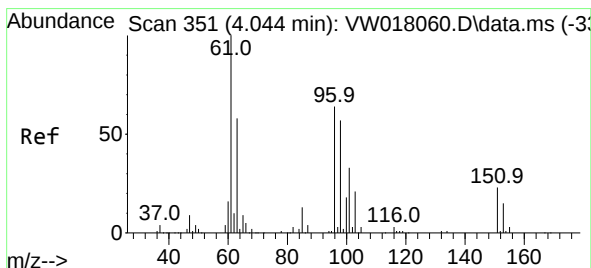
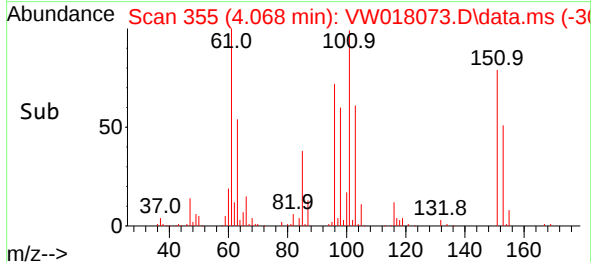
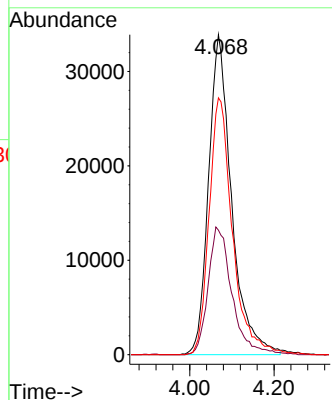
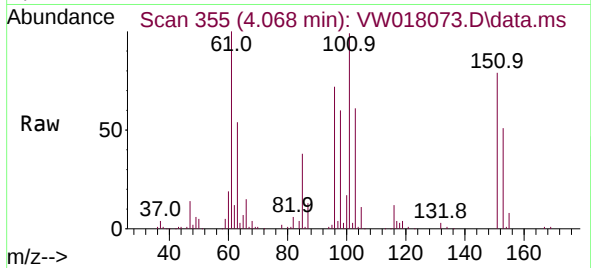




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.37 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018073.D
 Acq: 10 Feb 2021 19:33

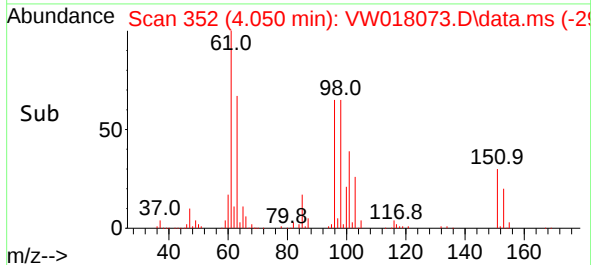
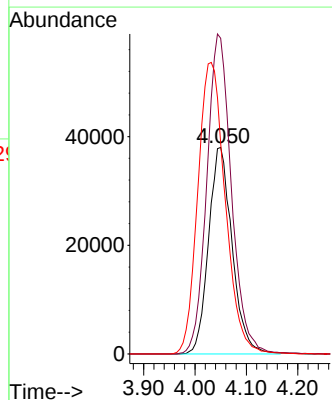
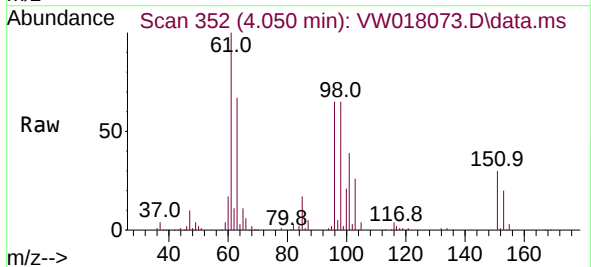
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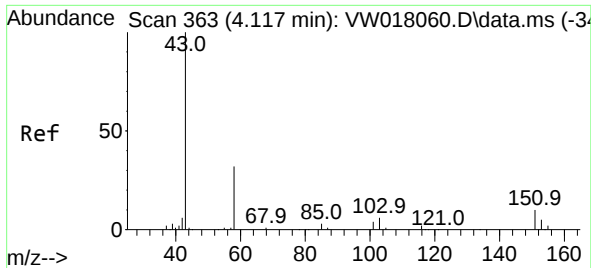
Tgt Ion:101 Resp: 128513
 Ion Ratio Lower Upper
 101 100
 85 41.4 34.2 51.4
 151 80.2 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 25.42 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018073.D
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Tgt Ion: 96 Resp: 121143
 Ion Ratio Lower Upper
 96 100
 61 152.8 112.5 208.9
 63 102.1 83.1 154.3

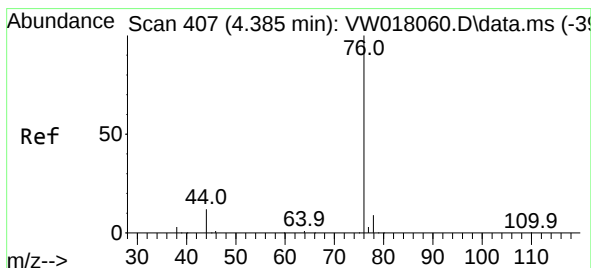
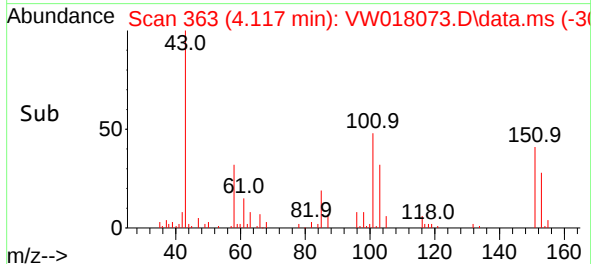
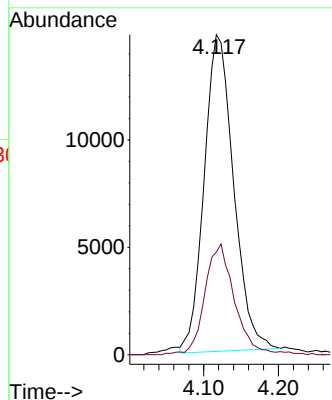
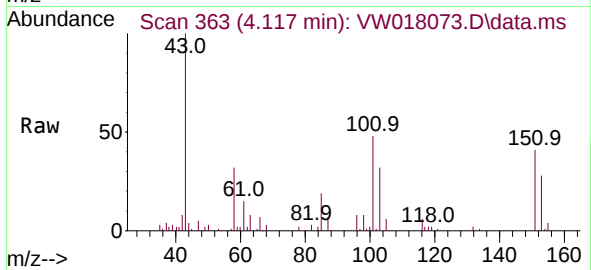




#13
Acetone
Concen: 46.19 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

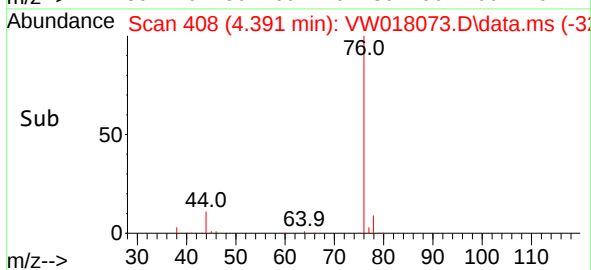
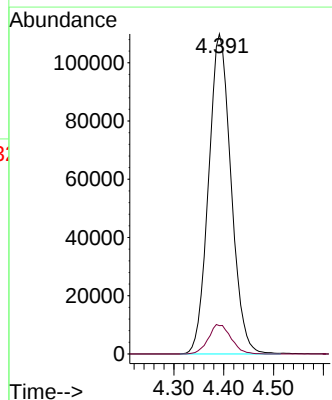
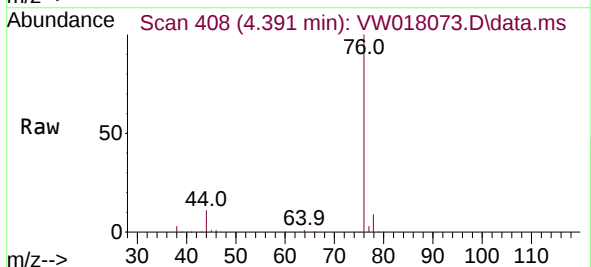
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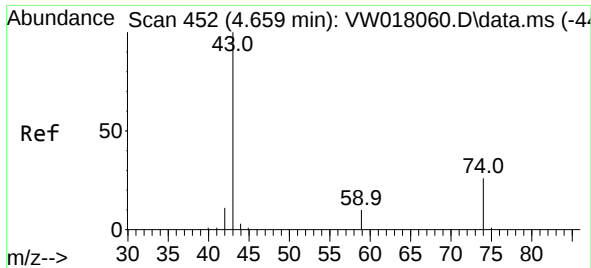
Tgt Ion: 43 Resp: 40427
Ion Ratio Lower Upper
43 100
58 33.3 0.0 68.4



#14
Carbon disulfide
Concen: 24.81 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 76 Resp: 344295
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

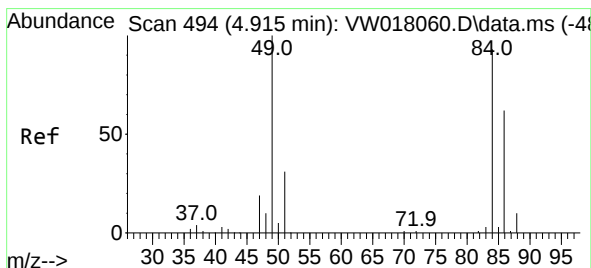
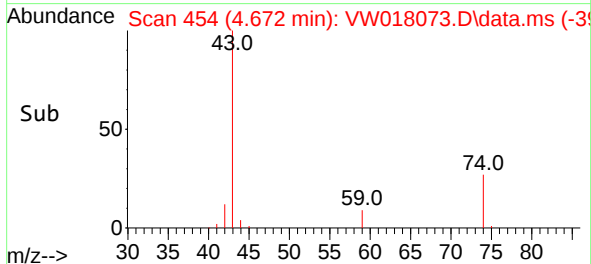
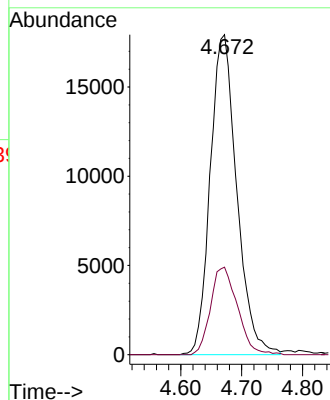
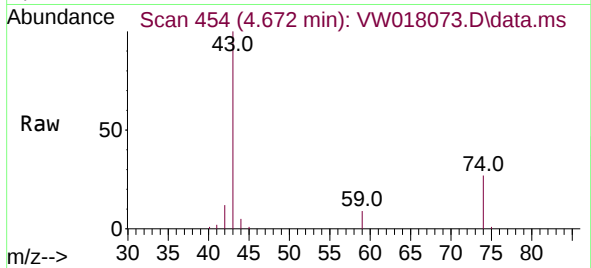




#15
Methyl Acetate
Concen: 27.96 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.012 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

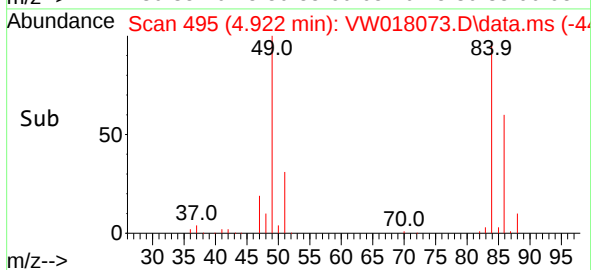
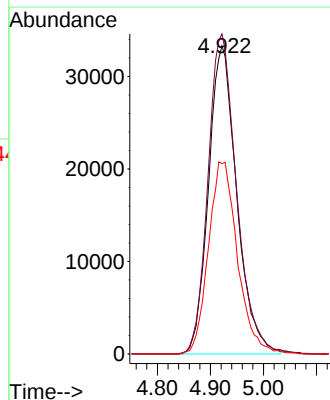
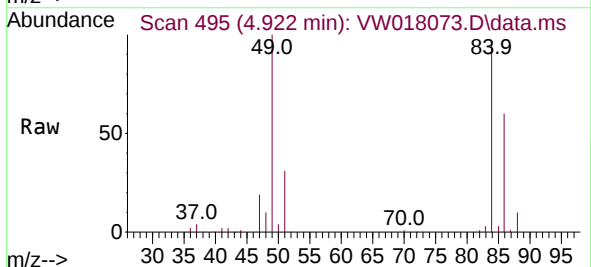
Instrument :
MSVOA_W
ClientSampled :

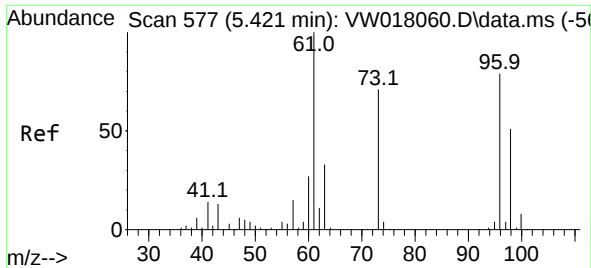
Tgt Ion: 43 Resp: 54286
Ion Ratio Lower Upper
43 100
74 27.5 20.7 31.1



#16
Methylene chloride
Concen: 21.55 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

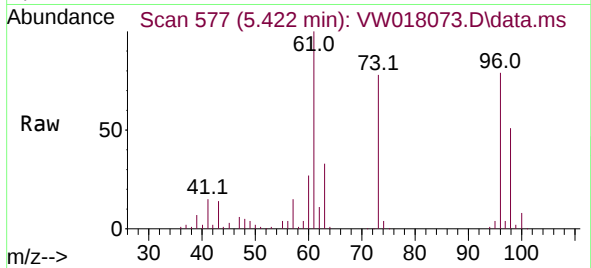
Tgt Ion: 84 Resp: 123195
Ion Ratio Lower Upper
84 100
49 103.9 81.2 150.8
86 61.8 44.5 82.7





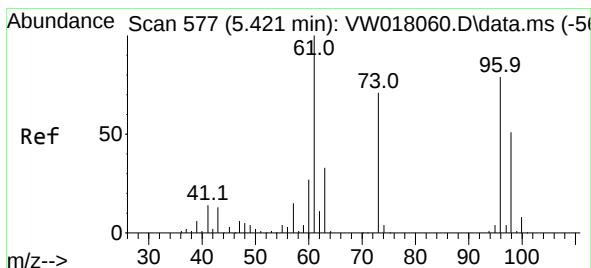
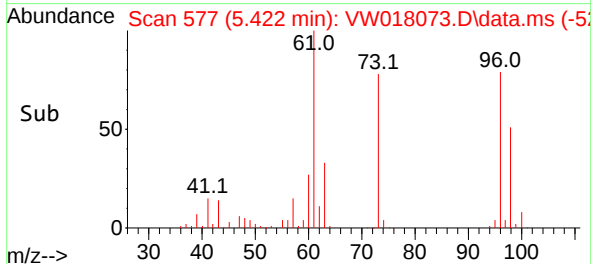
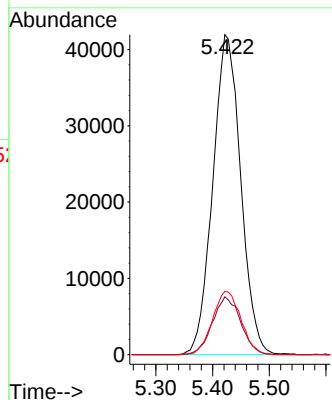
#17
Methyl tert-butyl Ether
Concen: 26.80 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Instrument :
MSVOA_W
ClientSampled :

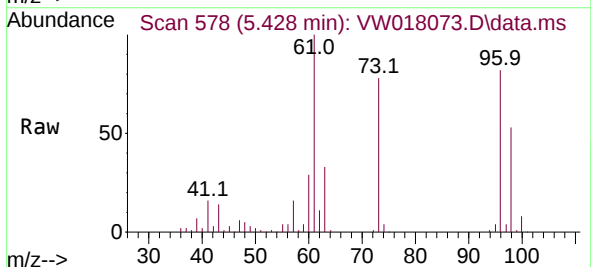


Tgt Ion: 73 Resp: 143388

Ion	Ratio	Lower	Upper
73	100		
43	18.3	16.2	24.4
57	20.1	17.2	25.8

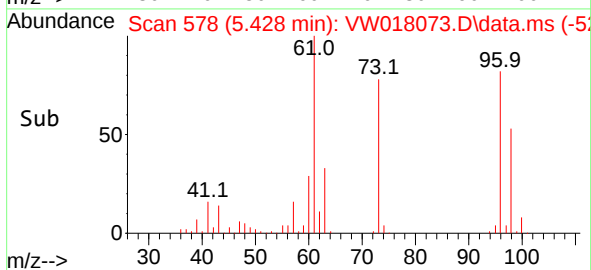
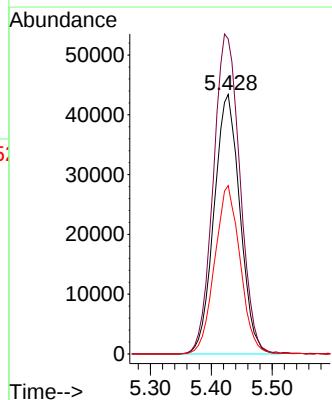


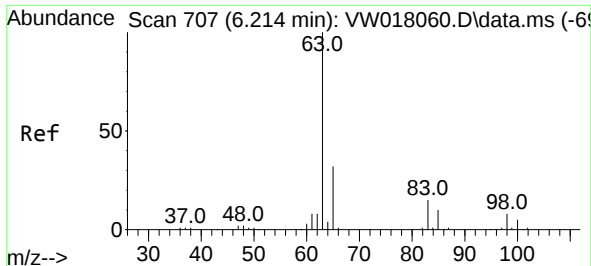
#18
trans-1,2-Dichloroethene
Concen: 25.22 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33



Tgt Ion: 96 Resp: 128460

Ion	Ratio	Lower	Upper
96	100		
61	121.5	92.7	172.1
98	64.9	43.3	80.3





#19

1,1-Dichloroethane

Concen: 24.96 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW018073.D

Acq: 10 Feb 2021 19:33

Tgt Ion: 63 Resp: 205209

Ion Ratio Lower Upper

63 100

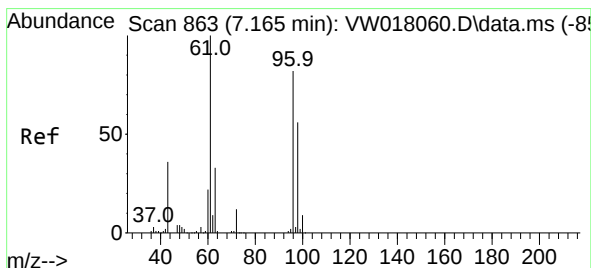
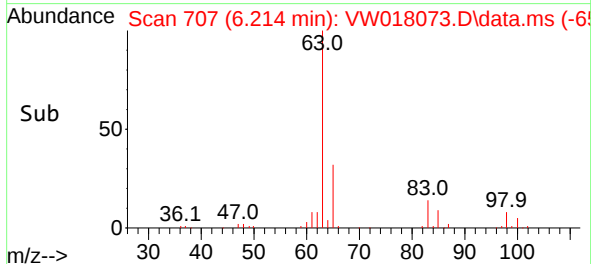
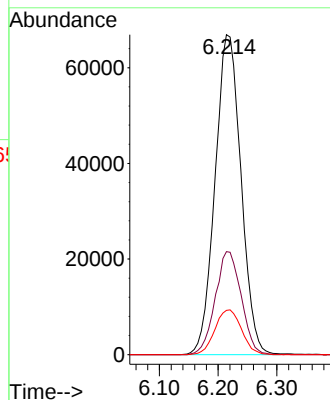
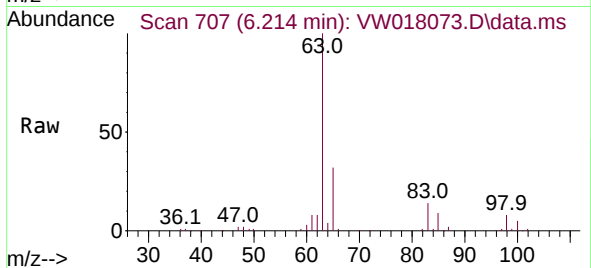
65 32.2 21.9 40.7

83 13.9 9.4 17.6

Instrument :

MSVOA_W

ClientSampled :



#21

2-Butanone

Concen: 52.86 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW018073.D

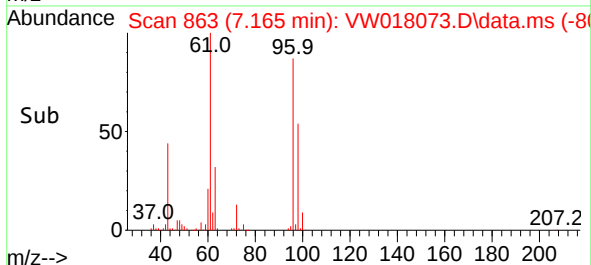
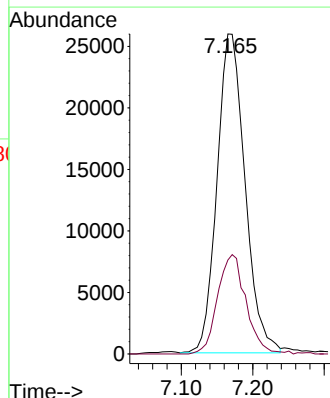
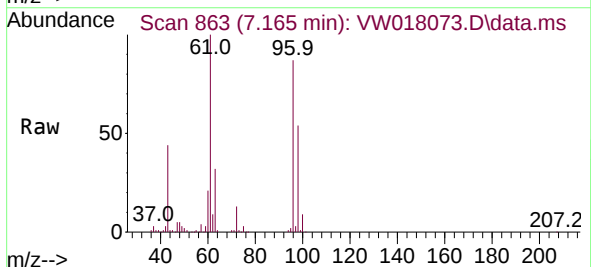
Acq: 10 Feb 2021 19:33

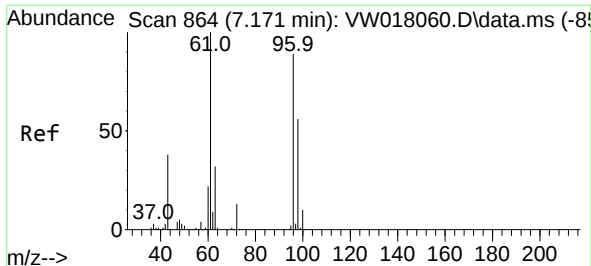
Tgt Ion: 43 Resp: 70433

Ion Ratio Lower Upper

43 100

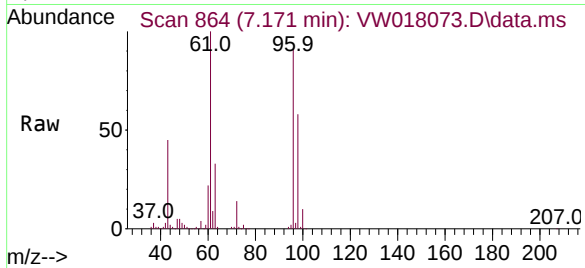
72 31.5 14.4 43.2





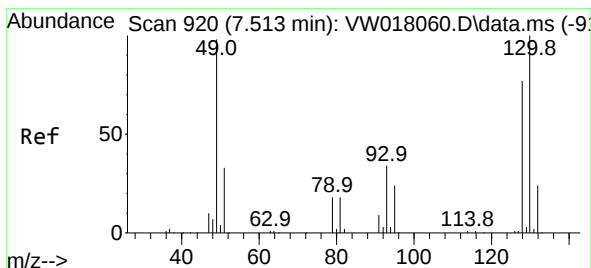
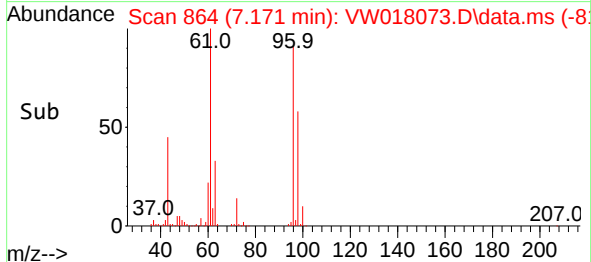
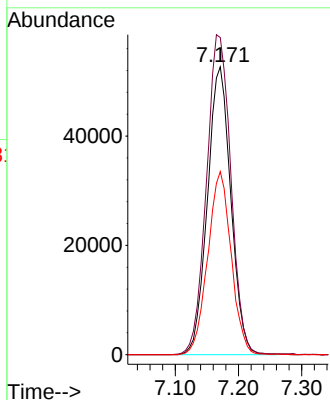
#22
cis-1,2-Dichloroethene
Concen: 25.65 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 96 Resp: 135483

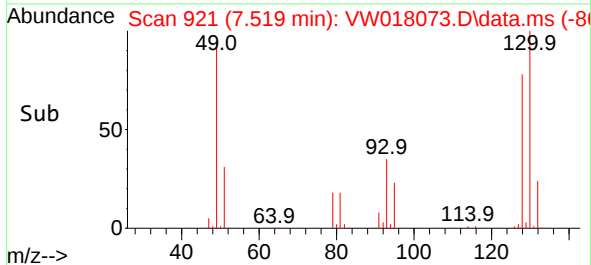
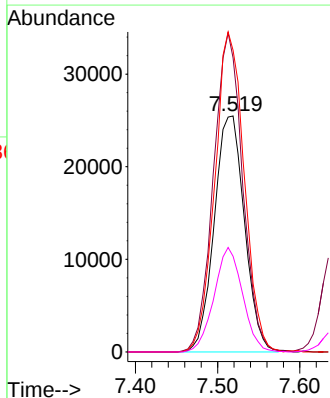
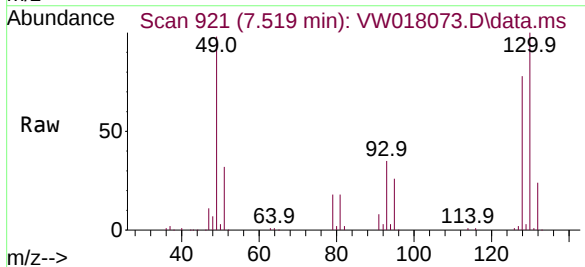
Ion	Ratio	Lower	Upper
96	100		
61	110.1	84.6	157.2
98	63.6	44.7	82.9

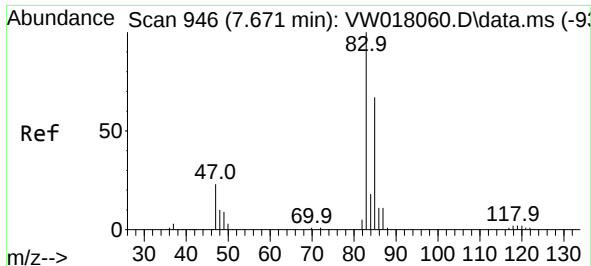


#23
Bromochloromethane
Concen: 25.70 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 128 Resp: 65264

Ion	Ratio	Lower	Upper
128	100		
49	124.6	101.6	188.6
130	127.8	90.4	167.8
51	40.6	37.7	56.5

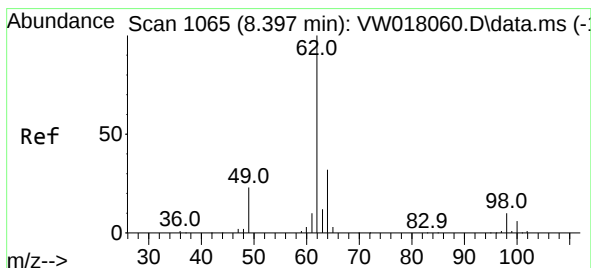
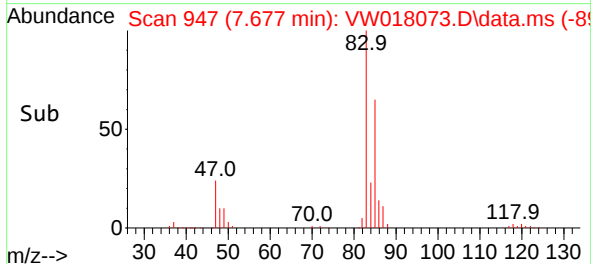
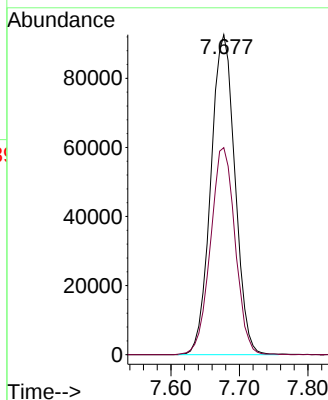
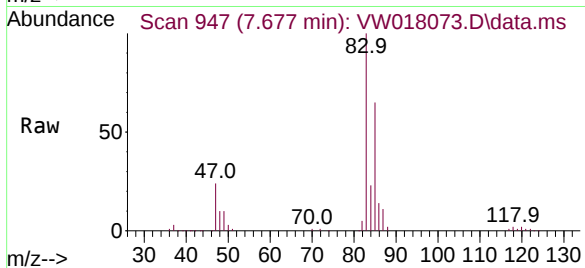




#25
Chloroform
Concen: 25.25 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

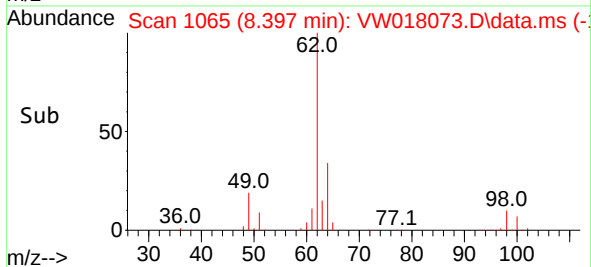
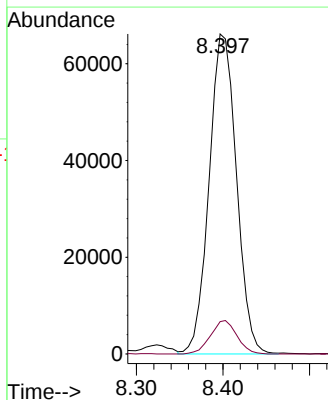
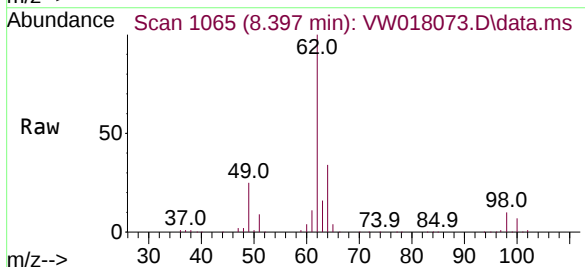
Instrument :
MSVOA_W
ClientSampled :

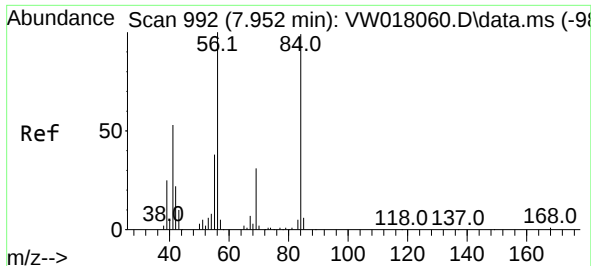
Tgt Ion: 83 Resp: 226523
Ion Ratio Lower Upper
83 100
85 65.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 24.97 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 62 Resp: 145352
Ion Ratio Lower Upper
62 100
98 10.1 8.0 12.0

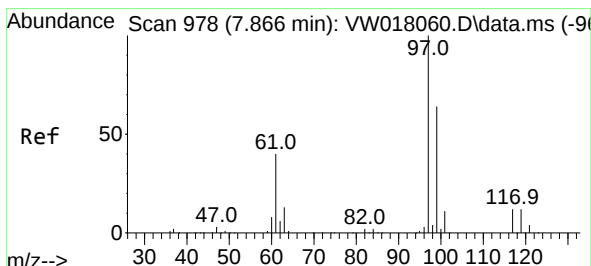
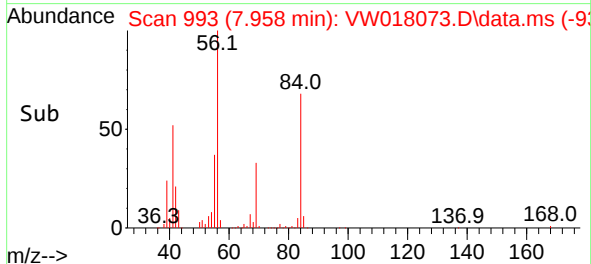
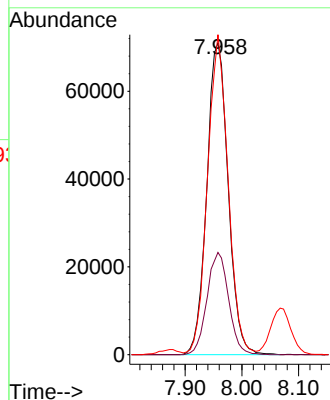
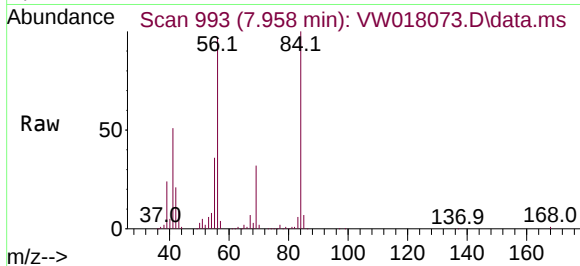




#30
Cyclohexane
Concen: 25.46 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

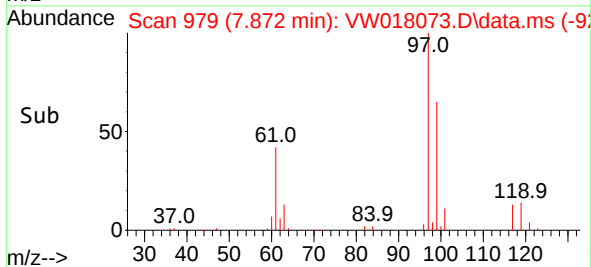
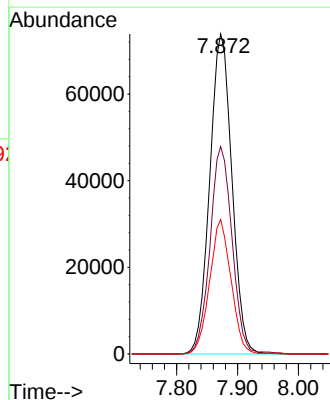
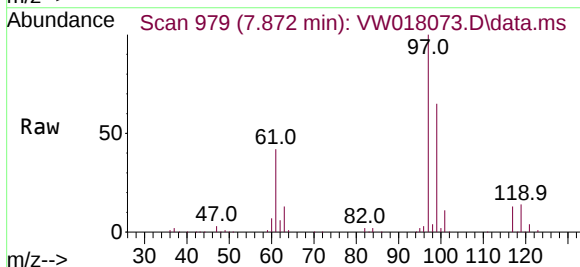
Instrument :
MSVOA_W
ClientSampled :

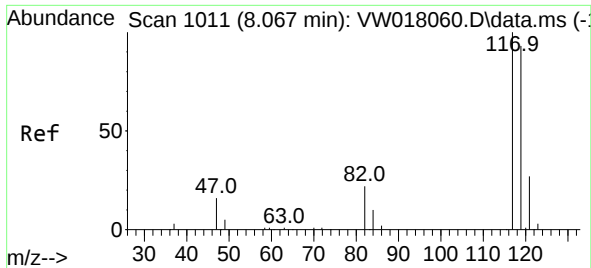
Tgt Ion: 56 Resp: 185810
Ion Ratio Lower Upper
56 100
69 33.1 24.8 37.2
84 98.5 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 26.37 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 97 Resp: 186588
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 40.5 33.6 50.4

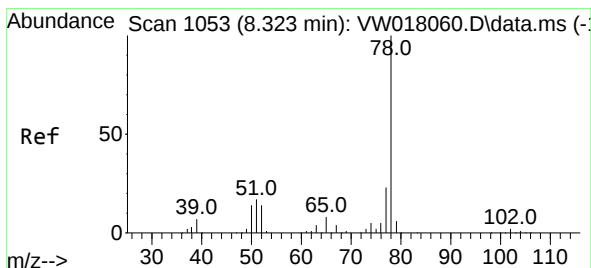
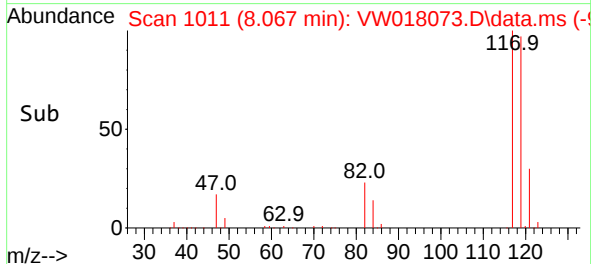
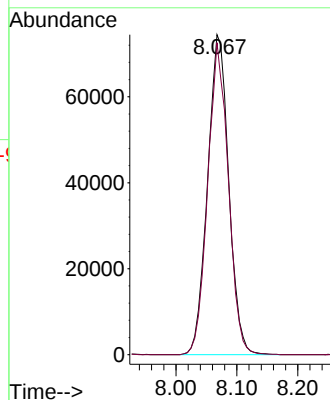
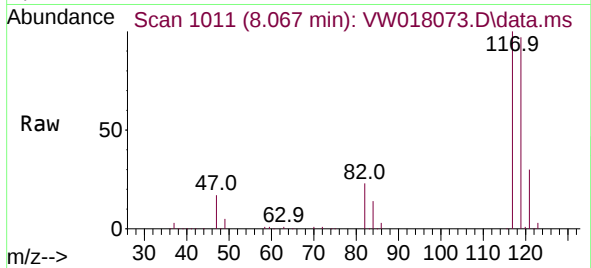




#32
Carbon tetrachloride
Concen: 26.26 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

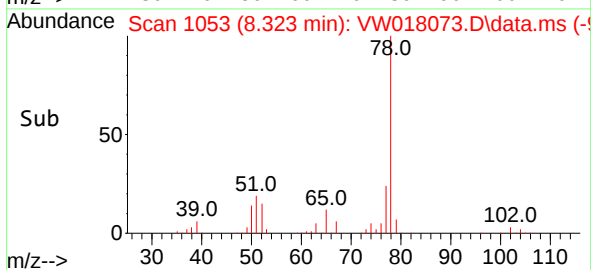
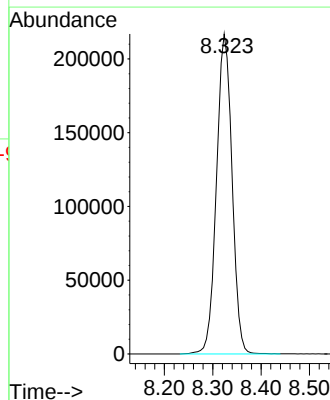
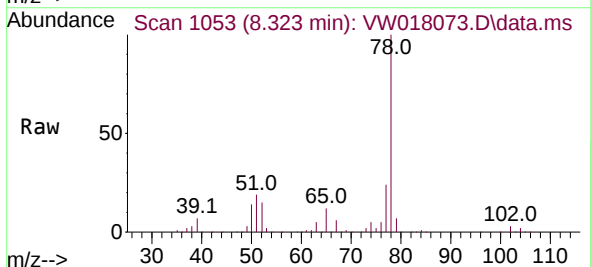
Instrument :
MSVOA_W
ClientSampled :

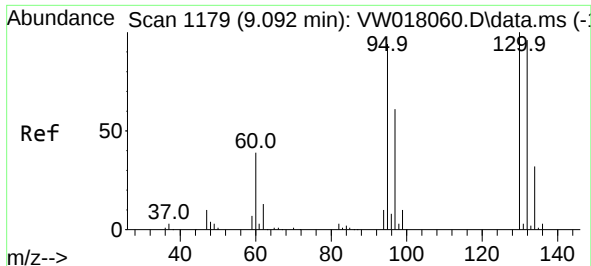
Tgt Ion:117 Resp: 179981
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8



#34
Benzene
Concen: 25.95 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 78 Resp: 483884





#35

Trichloroethene

Concen: 25.67 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW018073.D

Acq: 10 Feb 2021 19:33

Tgt Ion: 95 Resp: 134934

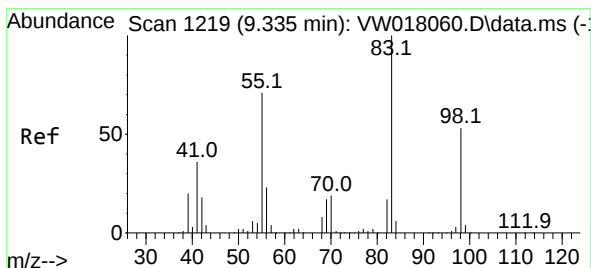
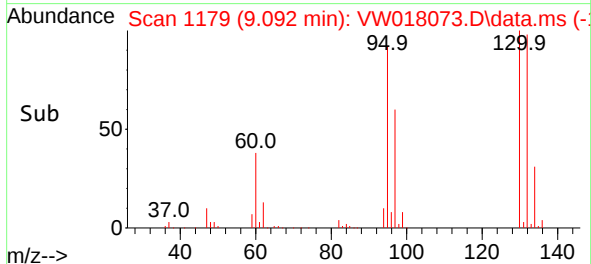
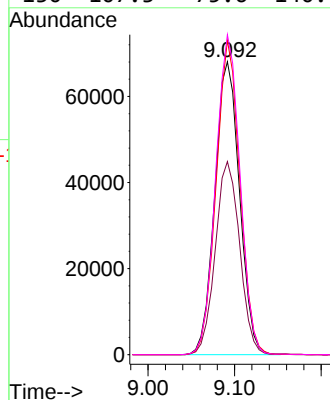
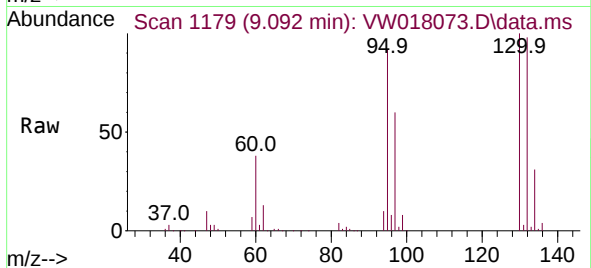
Ion Ratio Lower Upper

95 100

97 65.1 45.0 83.6

132 103.1 71.0 131.8

130 107.3 75.6 140.4



#36

Methylcyclohexane

Concen: 25.23 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW018073.D

Acq: 10 Feb 2021 19:33

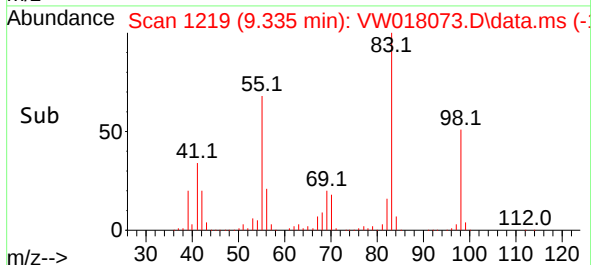
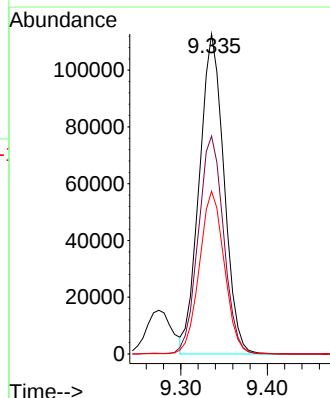
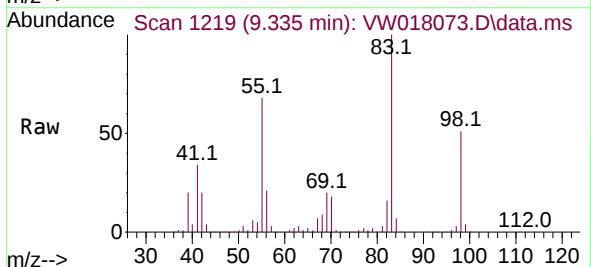
Tgt Ion: 83 Resp: 222962

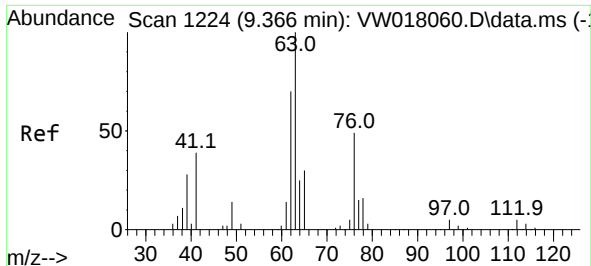
Ion Ratio Lower Upper

83 100

55 69.5 59.4 89.0

98 51.4 40.7 61.1

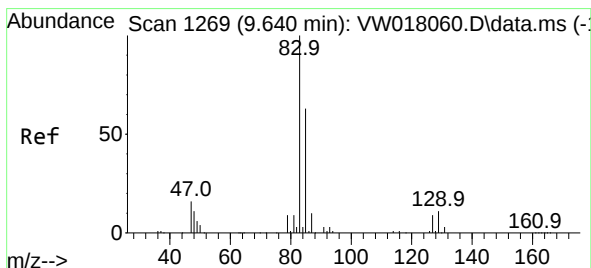
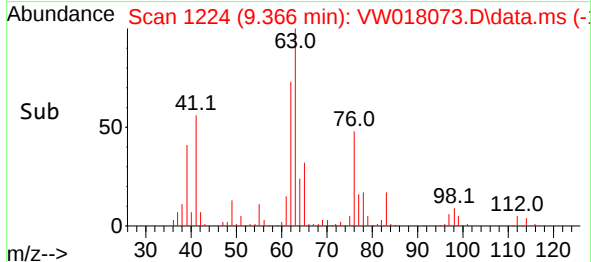
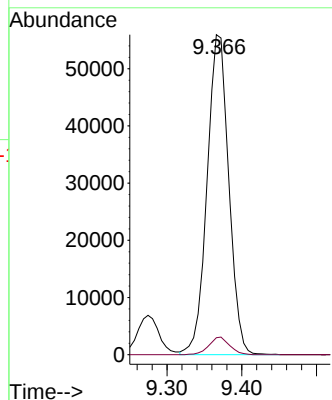
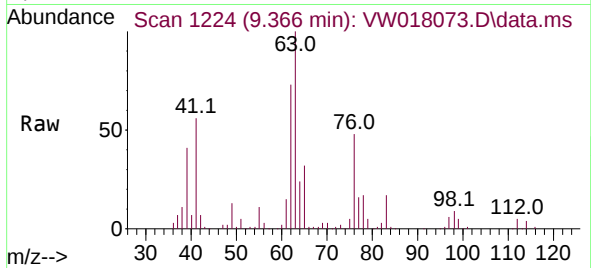




#40
1,2-Dichloropropane
Concen: 26.38 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

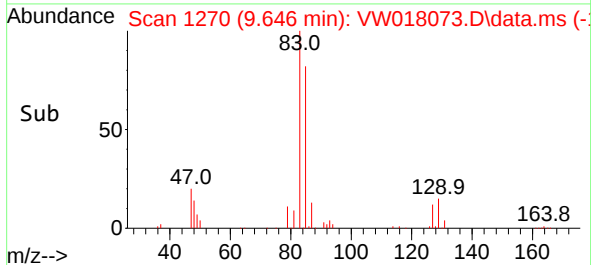
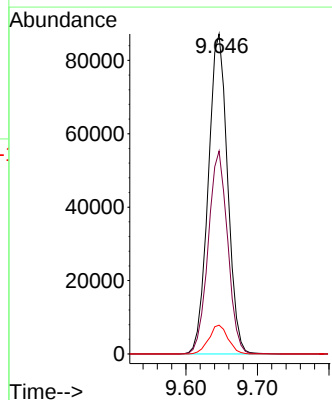
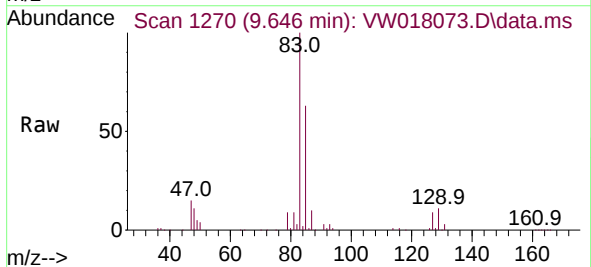
Instrument :
MSVOA_W
ClientSampled :

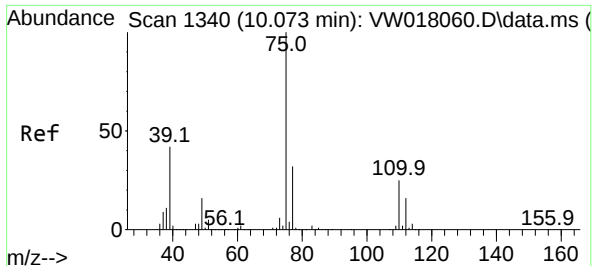
Tgt Ion: 63 Resp: 112904
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.4



#41
Bromodichloromethane
Concen: 26.66 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 83 Resp: 163374
Ion Ratio Lower Upper
83 100
85 63.4 46.8 86.8
127 9.0 7.6 11.4

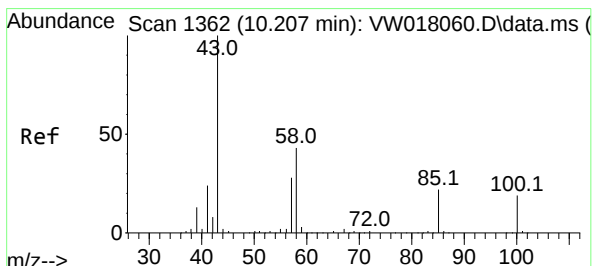
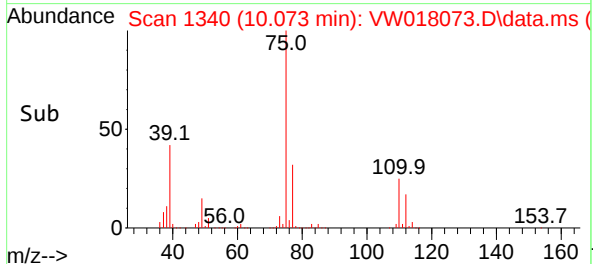
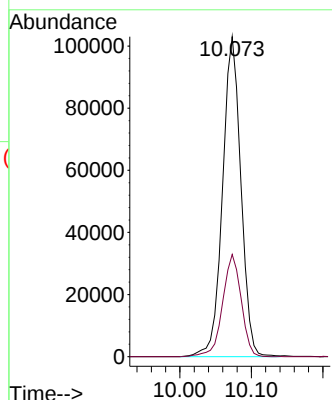
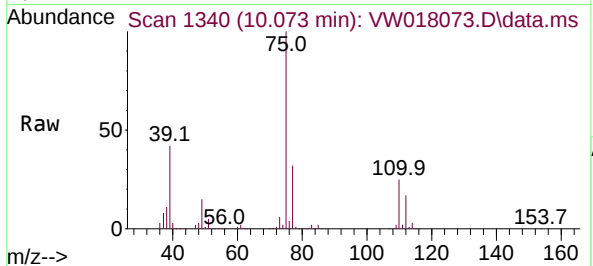




#42
cis-1,3-Dichloropropene
Concen: 26.65 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

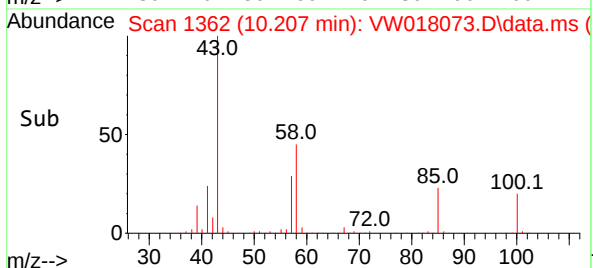
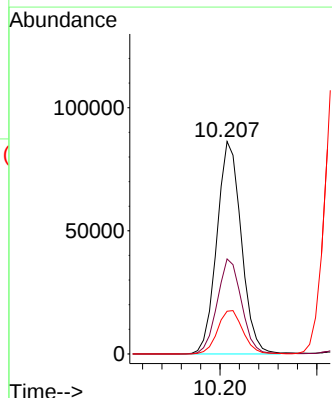
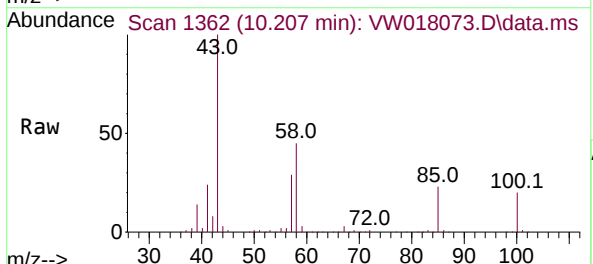
Instrument :
MSVOA_W
ClientSampled :

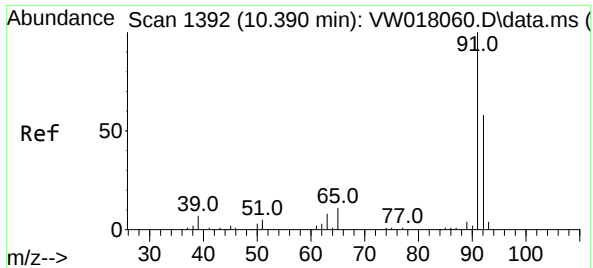
Tgt Ion: 75 Resp: 183797
Ion Ratio Lower Upper
75 100
77 32.0 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 56.91 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 43 Resp: 151447
Ion Ratio Lower Upper
43 100
58 44.4 31.6 47.4
100 21.2 14.1 21.1#

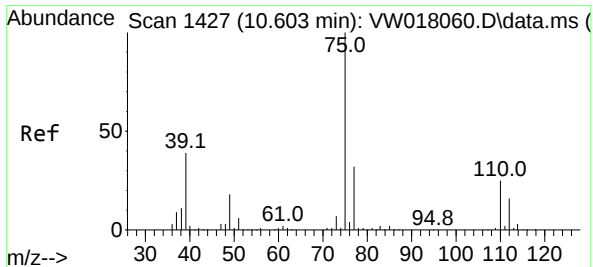
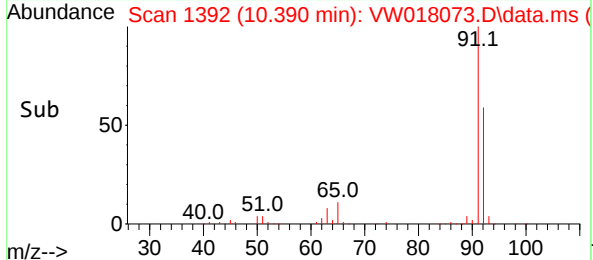
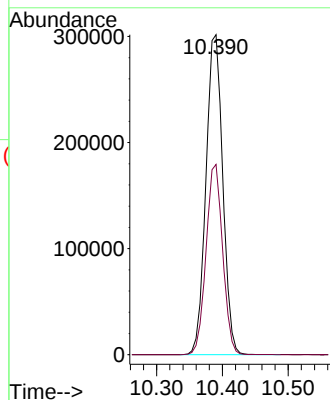
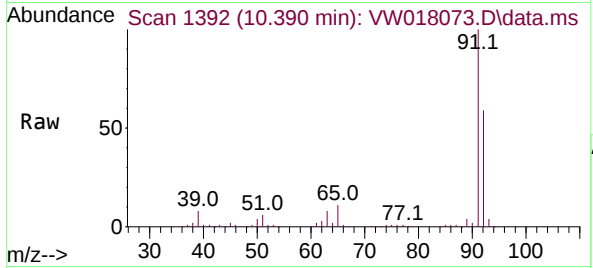




#44
Toluene
Concen: 26.16 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

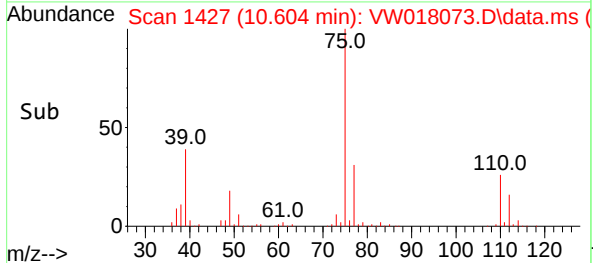
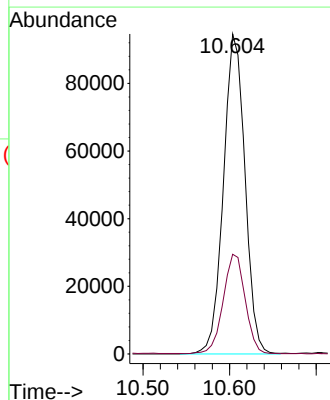
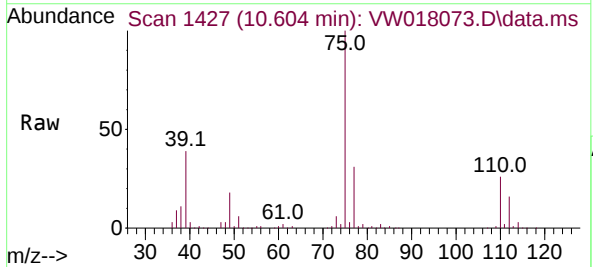
Instrument :
MSVOA_W
ClientSampled :

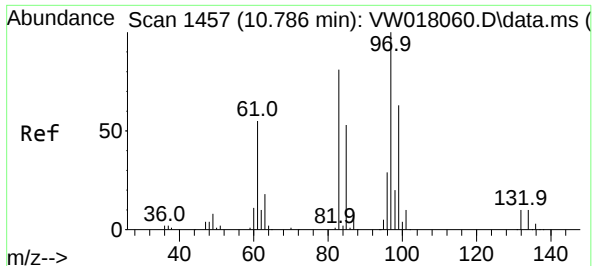
Tgt Ion: 91 Resp: 537073
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 27.22 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 75 Resp: 163423
Ion Ratio Lower Upper
75 100
77 31.2 22.6 42.0

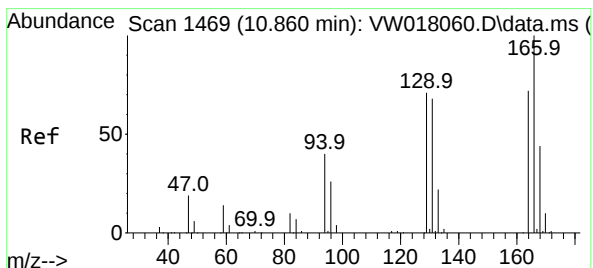
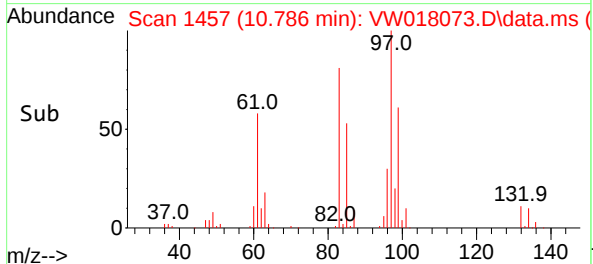
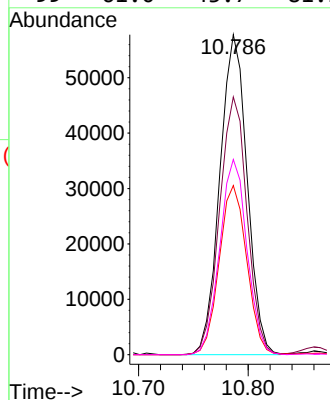
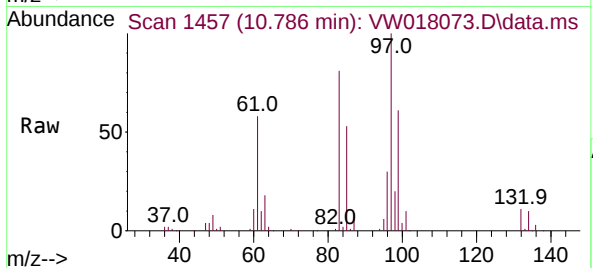




#46
1,1,2-Trichloroethane
Concen: 27.34 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

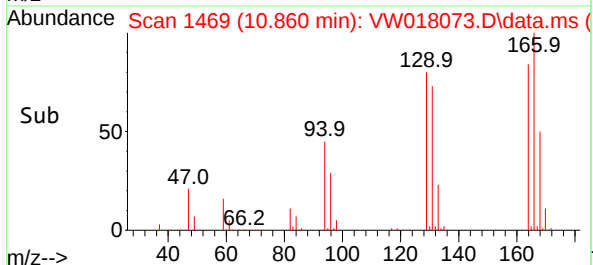
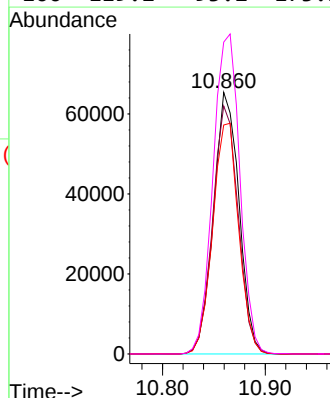
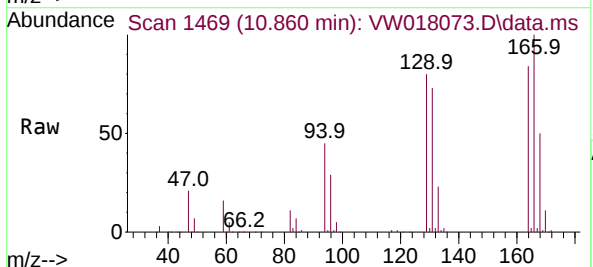
Instrument :
MSVOA_W
ClientSampled :

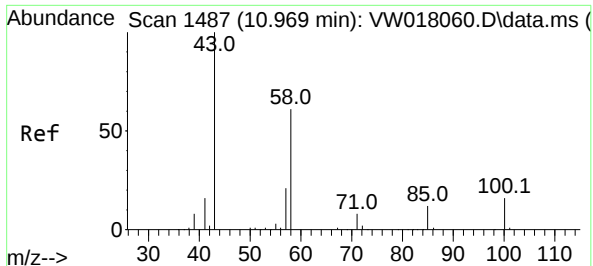
Tgt Ion:	97	Resp:	99879
Ion	Ratio	Lower	Upper
97	100		
83	80.6	58.5	108.7
85	52.9	37.8	70.2
99	61.0	43.7	81.1



#47
Tetrachloroethene
Concen: 25.16 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion:	164	Resp:	112563
Ion	Ratio	Lower	Upper
164	100		
129	94.8	67.6	125.6
131	87.5	65.2	121.2
166	119.2	93.2	173.2

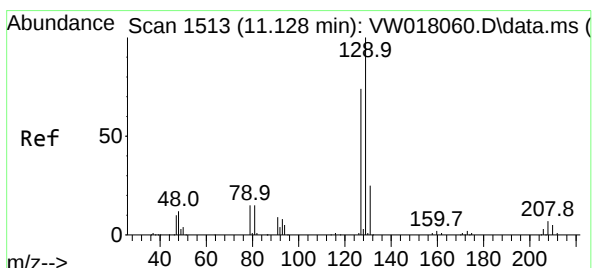
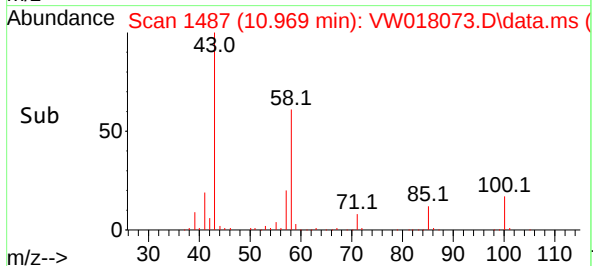
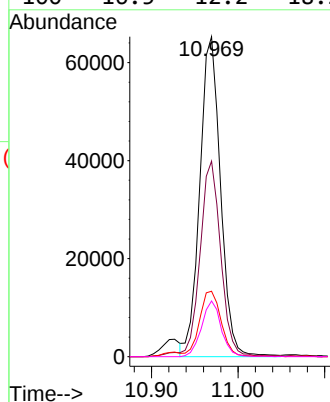
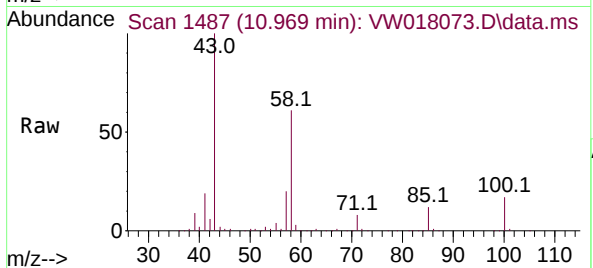




#49
2-Hexanone
Concen: 58.78 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

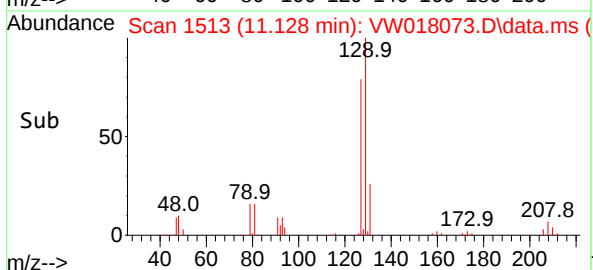
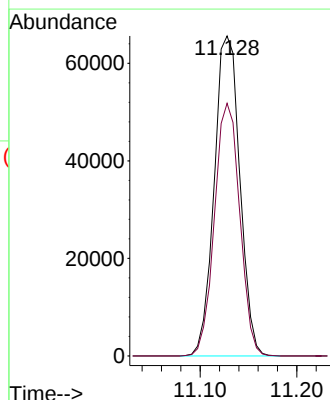
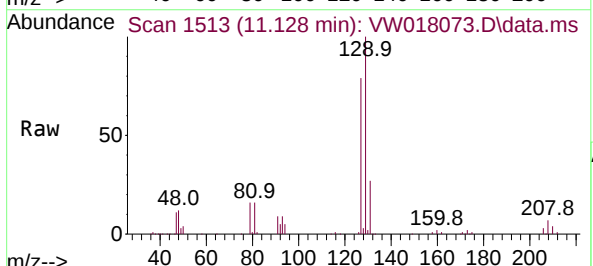
Instrument :
MSVOA_W
ClientSampleId :

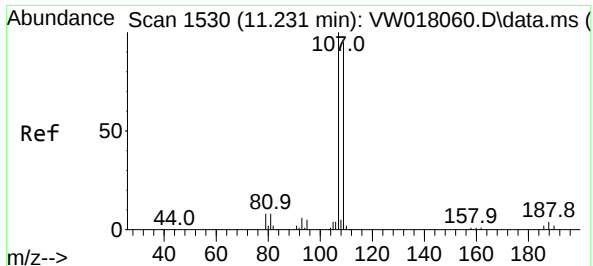
Tgt Ion:	43	Resp:	108702
Ion	Ratio	Lower	Upper
43	100		
58	60.2	51.3	76.9
57	21.5	15.0	22.6
100	16.5	12.2	18.2



#50
Dibromochloromethane
Concen: 27.56 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion:	129	Resp:	120645
Ion	Ratio	Lower	Upper
129	100		
127	79.0	53.2	98.8

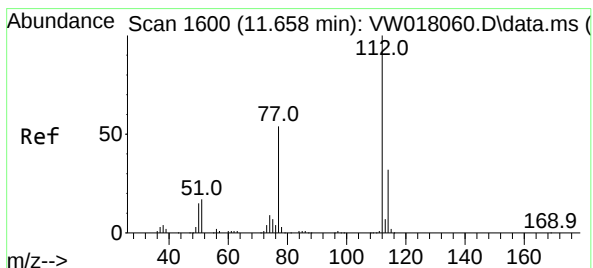
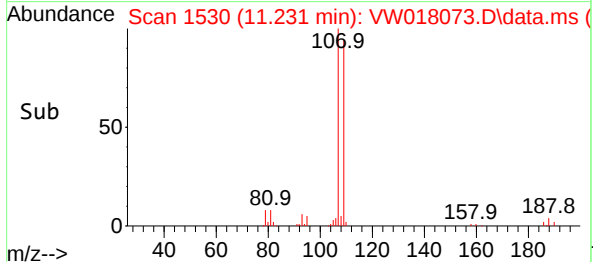
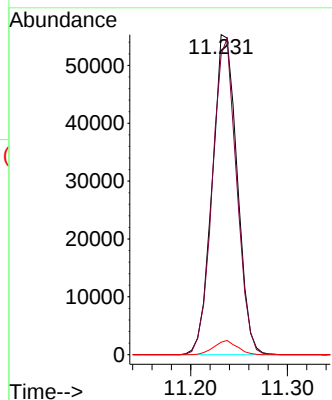
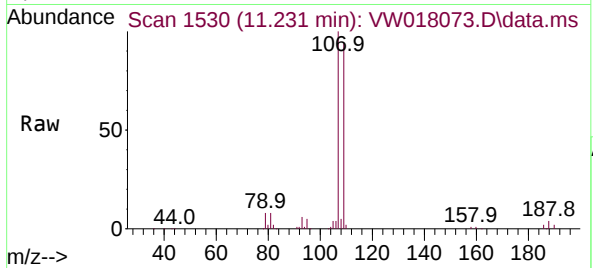




#51
1,2-Dibromoethane
Concen: 27.12 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

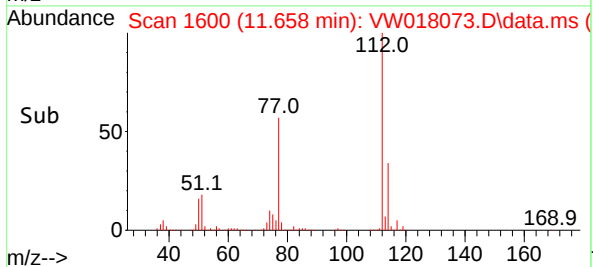
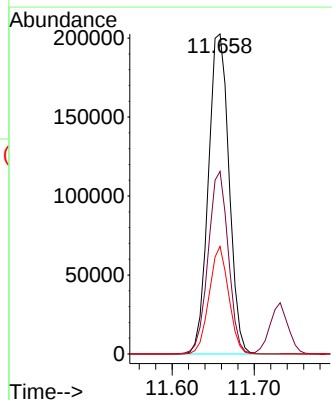
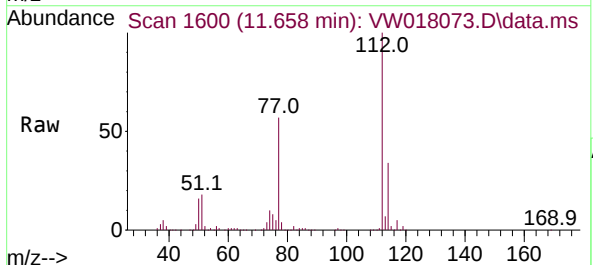
Instrument :
MSVOA_W
ClientSampleId :

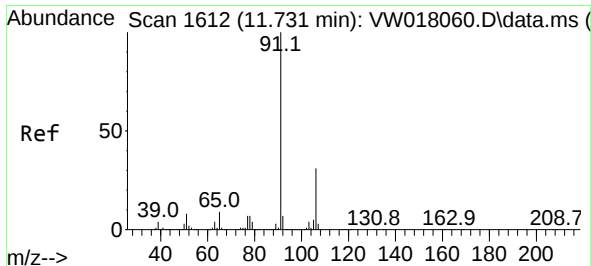
Tgt Ion:107 Resp: 98816
Ion Ratio Lower Upper
107 100
109 93.9 66.4 123.2
188 3.9 4.0 6.0#



#52
Chlorobenzene
Concen: 26.14 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion:112 Resp: 353499
Ion Ratio Lower Upper
112 100
77 57.1 42.6 64.0
114 33.6 21.6 40.2

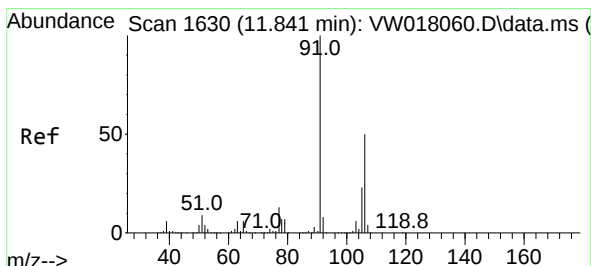
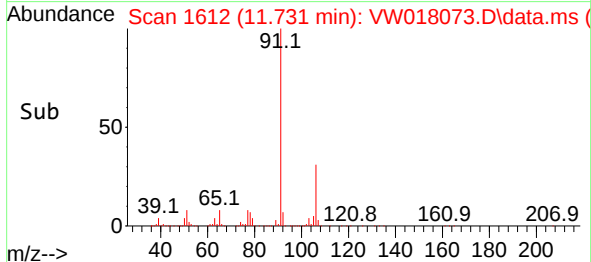
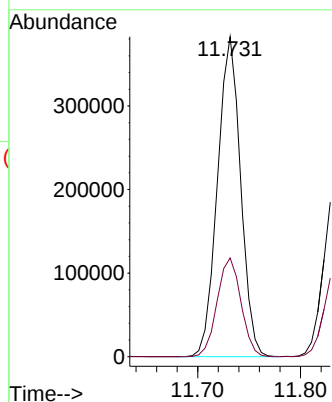
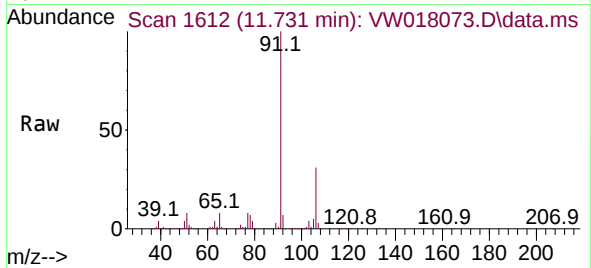




#53
Ethylbenzene
Concen: 25.62 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

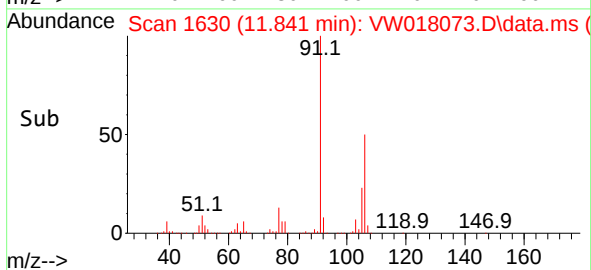
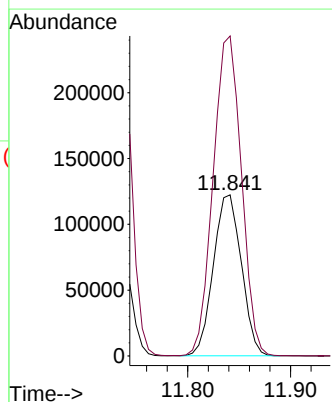
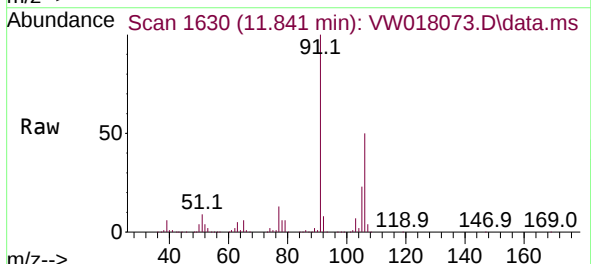
Instrument :
MSVOA_W
ClientSampled :

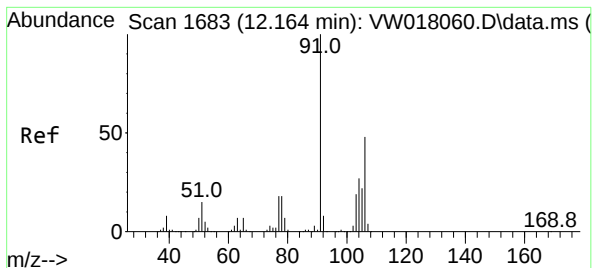
Tgt Ion: 91 Resp: 597583
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.1



#54
m,p-Xylene
Concen: 26.03 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion:106 Resp: 231465
Ion Ratio Lower Upper
106 100
91 198.7 136.4 253.4

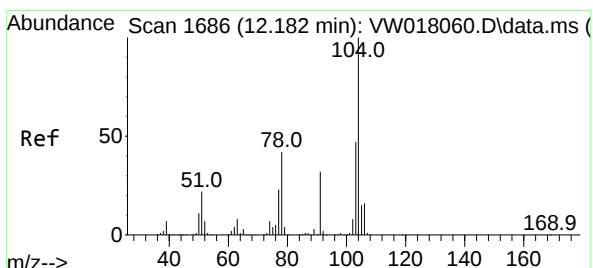
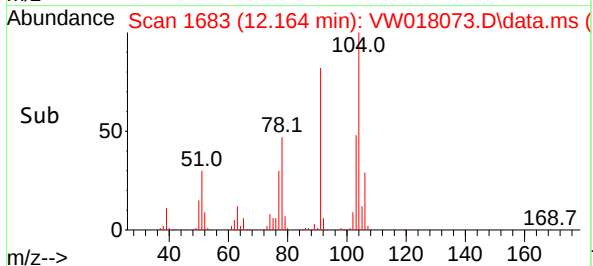
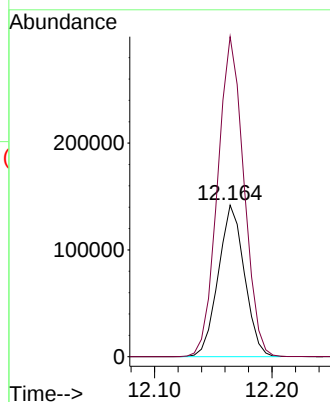
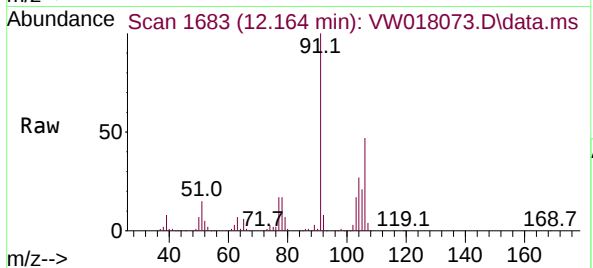




#55
o-xylene
Concen: 26.03 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

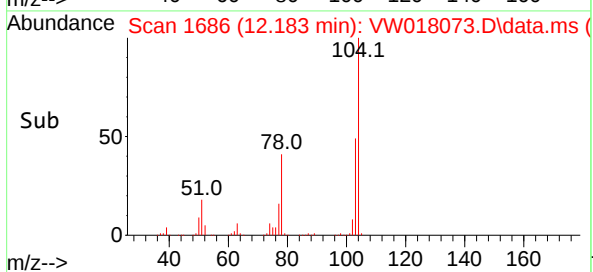
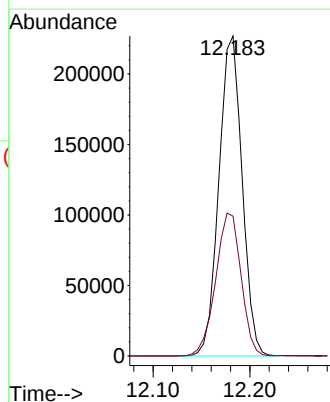
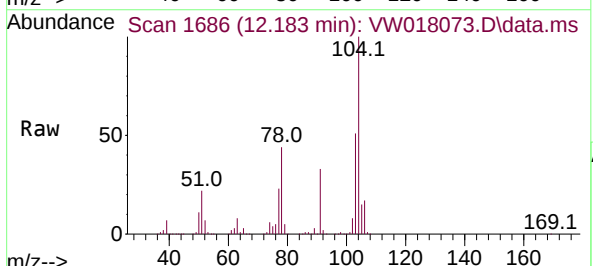
Instrument :
MSVOA_W
ClientSampled :

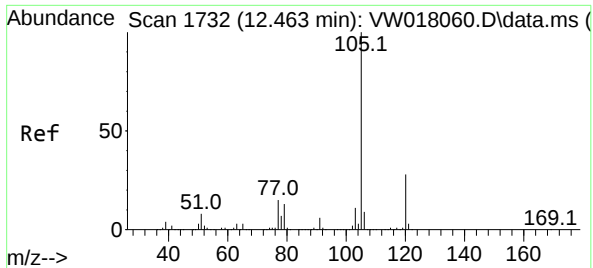
Tgt Ion:106 Resp: 219644
Ion Ratio Lower Upper
106 100
91 211.3 147.6 274.2



#56
Styrene
Concen: 26.33 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion:104 Resp: 377765
Ion Ratio Lower Upper
104 100
78 43.7 31.3 58.1

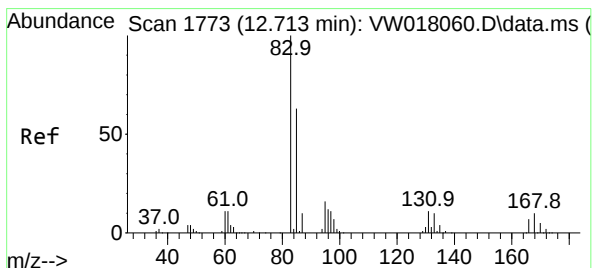
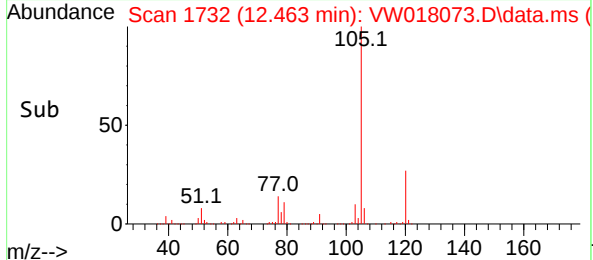
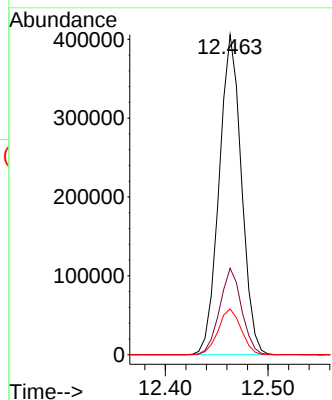
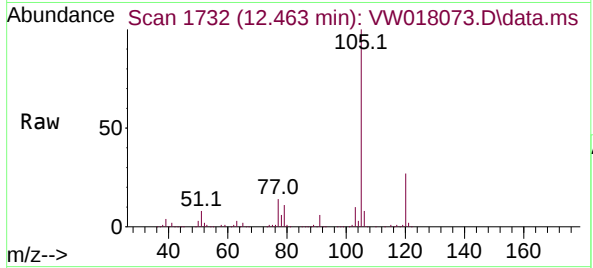




#57
Isopropylbenzene
Concen: 26.01 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

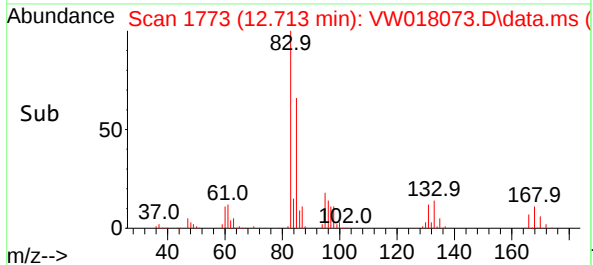
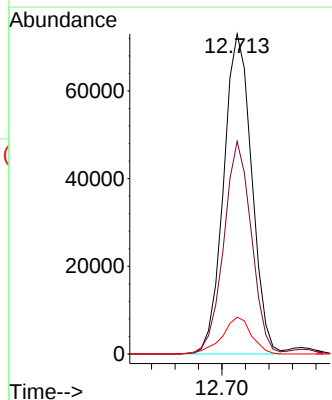
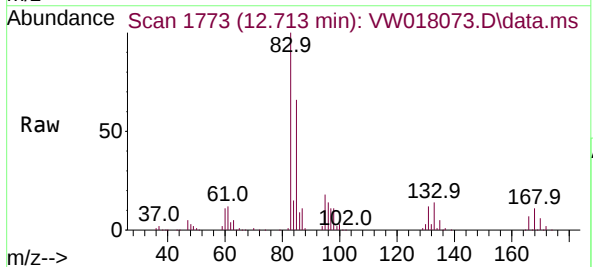
Instrument :
MSVOA_W
ClientSampled :

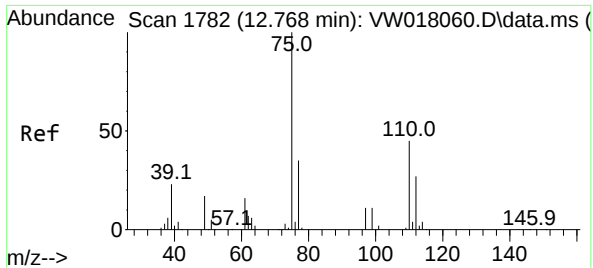
Tgt Ion:105 Resp: 611184
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 14.7 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 28.03 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion: 83 Resp: 121146
Ion Ratio Lower Upper
83 100
85 66.4 45.3 84.1
131 11.5 8.3 12.5

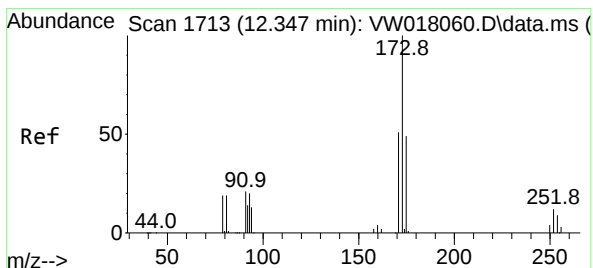
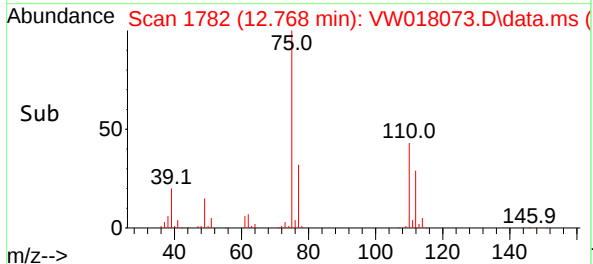
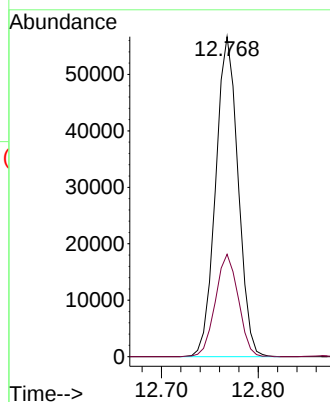
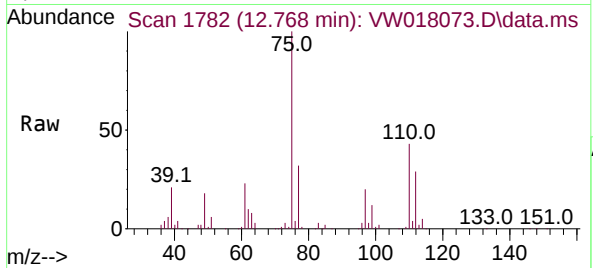




#59
1,2,3-Trichloropropane
Concen: 27.89 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

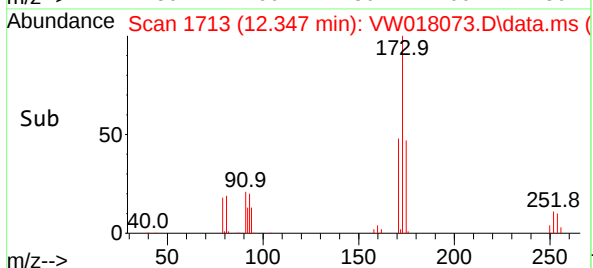
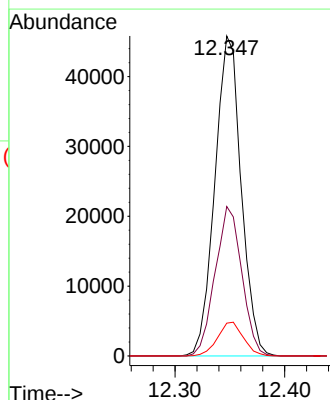
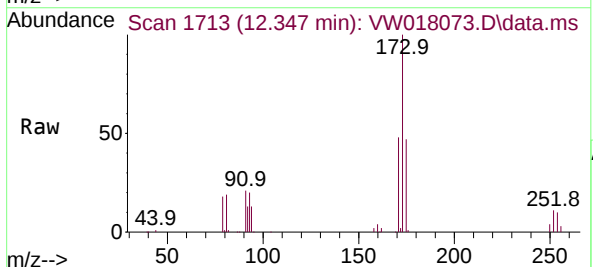
Instrument :
MSVOA_W
ClientSampled :

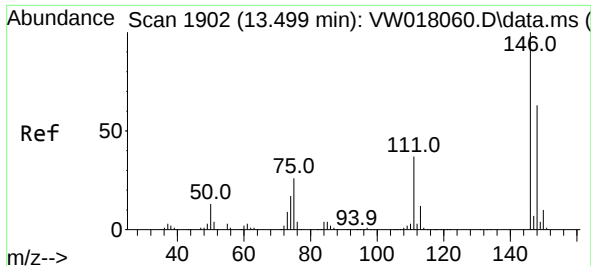
Tgt Ion: 75 Resp: 91314
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8



#62
Bromoform
Concen: 28.44 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion:173 Resp: 76471
Ion Ratio Lower Upper
173 100
175 47.3 39.1 58.7
254 10.4 7.1 10.7

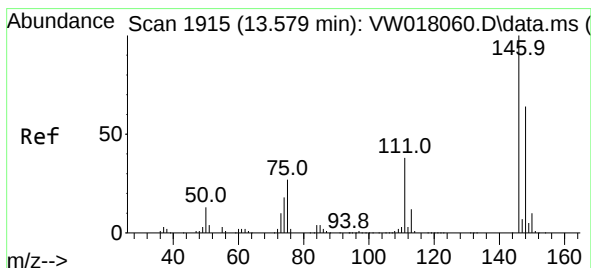
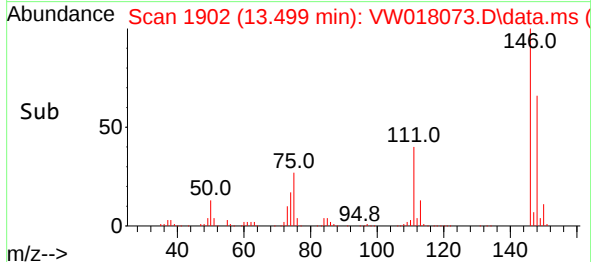
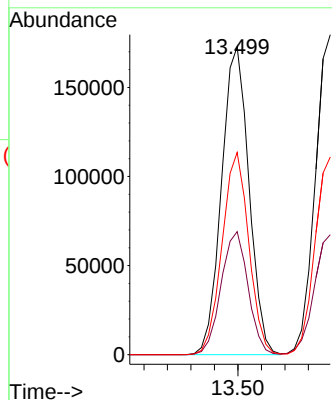
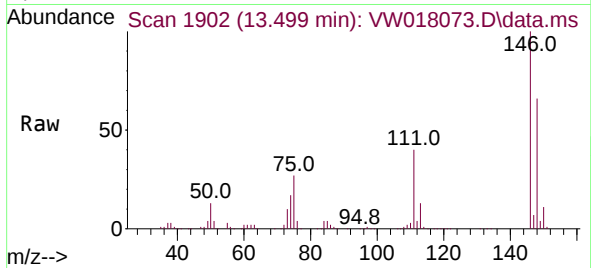




#63
1,3-Dichlorobenzene
Concen: 25.21 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

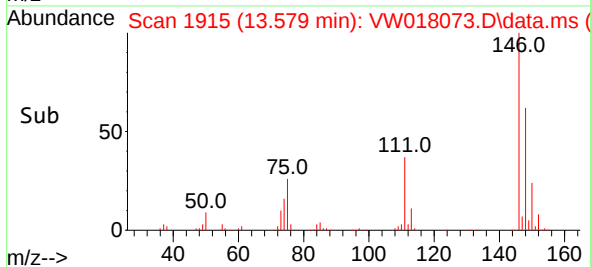
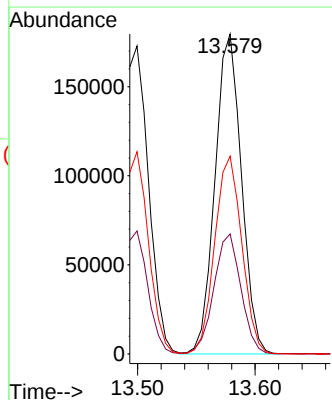
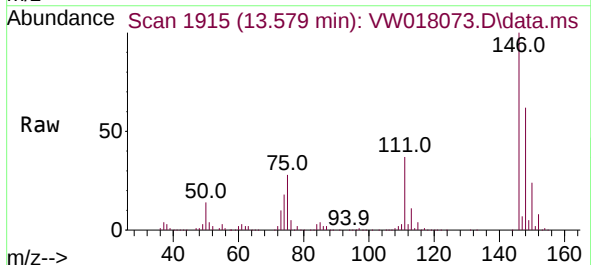
Instrument :
MSVOA_W
ClientSampleId :

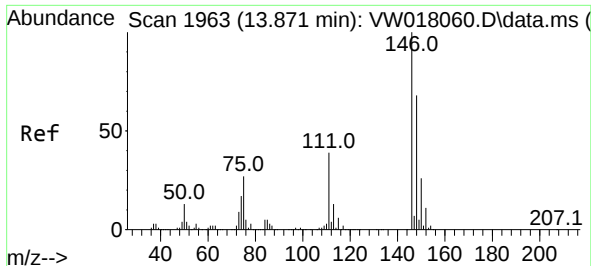
Tgt Ion:146 Resp: 280381
Ion Ratio Lower Upper
146 100
111 39.9 28.5 52.9
148 65.7 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 25.17 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

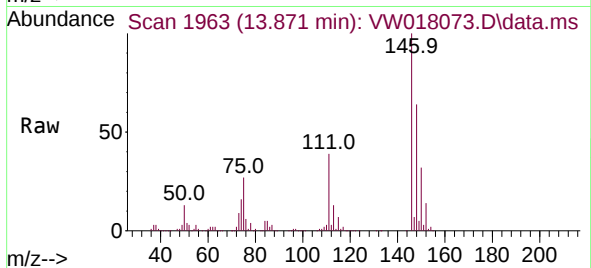
Tgt Ion:146 Resp: 281473
Ion Ratio Lower Upper
146 100
111 37.5 27.7 51.5
148 61.8 47.0 87.2



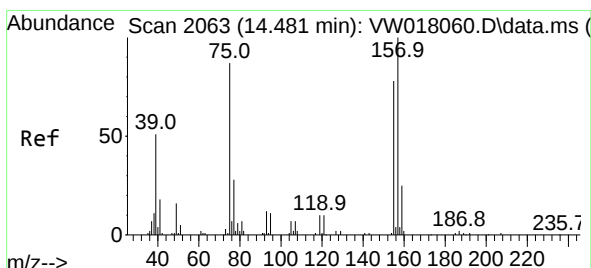
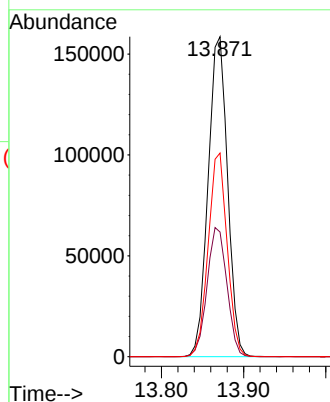
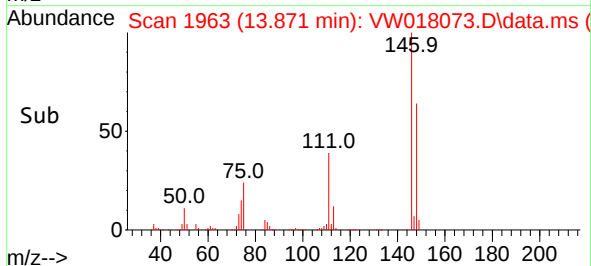


#65
1,2-Dichlorobenzene
Concen: 25.99 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

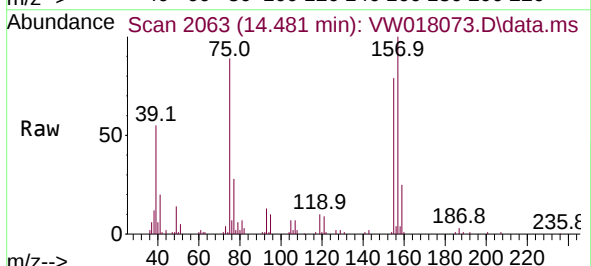
Instrument :
MSVOA_W
ClientSampled :



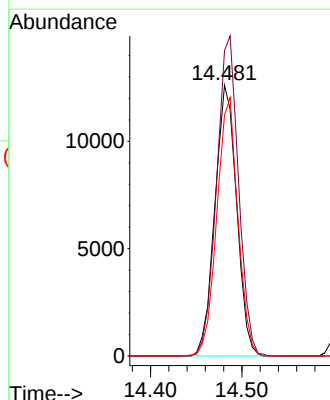
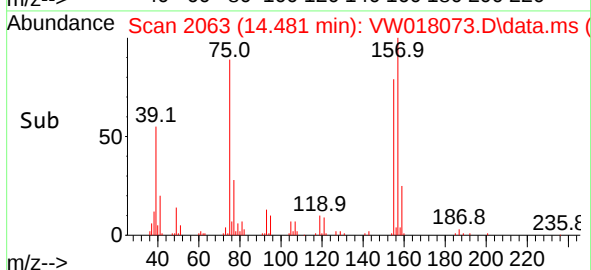
Tgt Ion:146 Resp: 260663
Ion Ratio Lower Upper
146 100
111 39.0 31.7 47.5
148 63.6 49.3 73.9

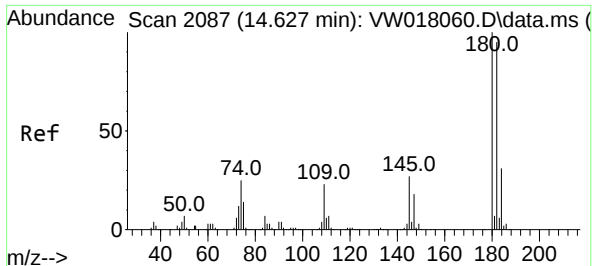


#66
1,2-Dibromo-3-chloropropane
Concen: 27.38 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33



Tgt Ion: 75 Resp: 20800
Ion Ratio Lower Upper
75 100
157 112.8 99.9 149.9
155 88.9 71.4 107.0

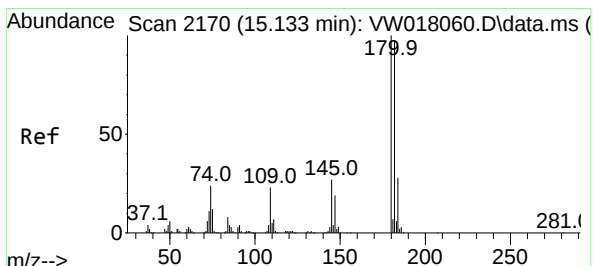
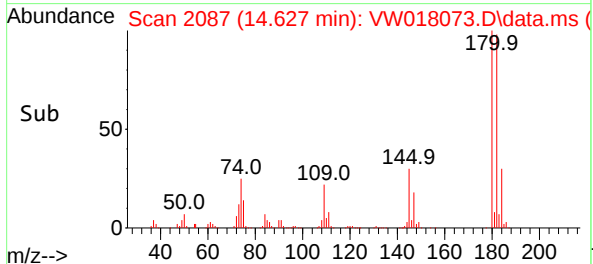
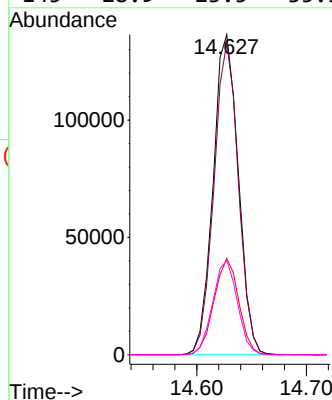
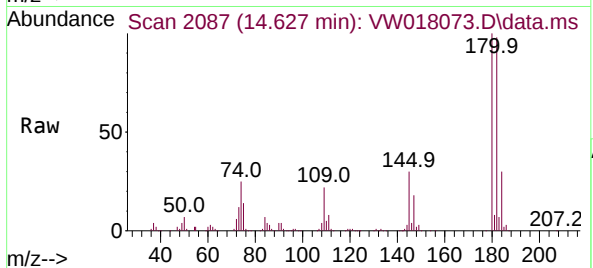




#67
1,3,5-Trichlorobenzene
Concen: 25.44 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

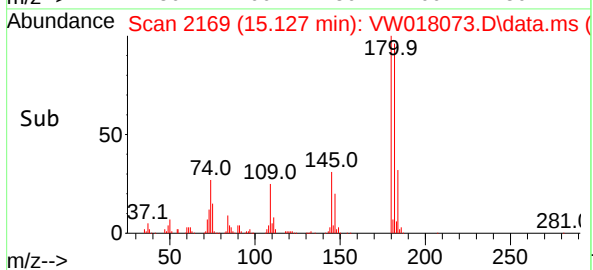
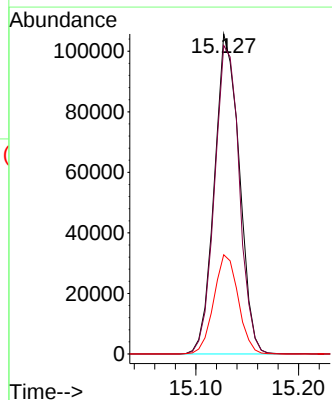
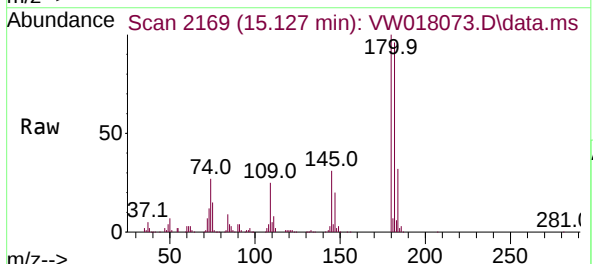
Instrument :
MSVOA_W
ClientSampled :

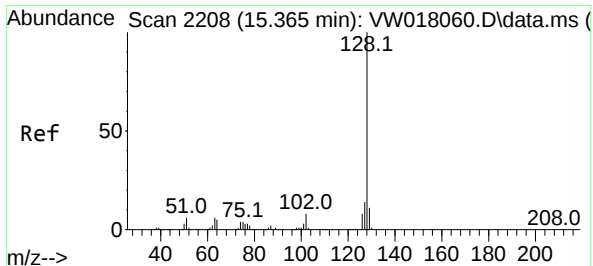
Tgt Ion:	180	Resp:	217348
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.0	115.6
184	29.7	24.2	36.4
145	28.9	23.5	35.3



#68
1,2,4-trichlorobenzene
Concen: 24.94 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion:	180	Resp:	177653
Ion Ratio	Lower	Upper	
180	100		
182	96.0	71.3	106.9
145	30.4	24.0	36.0

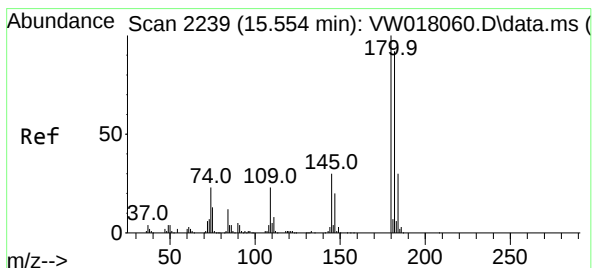
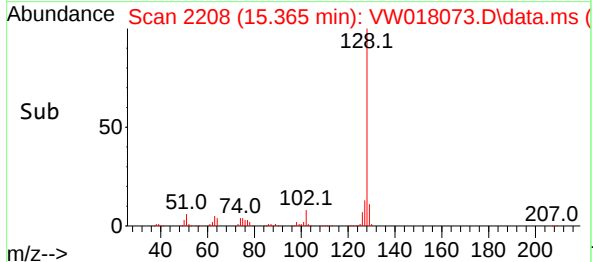
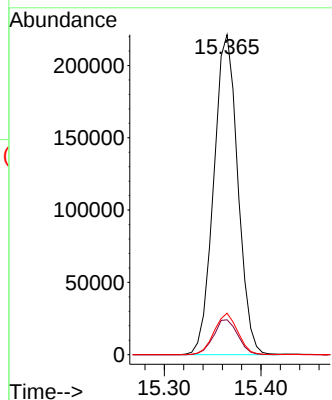
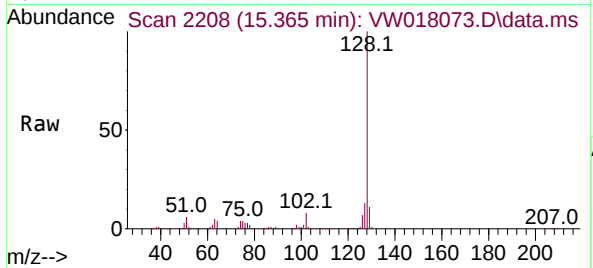




#69
Naphthalene
Concen: 27.63 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 382823
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.93 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018073.D
Acq: 10 Feb 2021 19:33

Tgt Ion:180 Resp: 164635
Ion Ratio Lower Upper
180 100
182 91.8 74.7 112.1
145 30.2 25.4 38.0

