

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018595.D
 Acq On : 08 Apr 2021 11:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 03:07:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	466472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	443476	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	233232	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151877	23.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.60%		
7) Chloroethane-d5	2.885	69	135311	23.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.24%		
10) 1,1-Dichloroethene-d2	4.026	63	252947	22.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.28%		
20) 2-Butanone-d5	7.074	46	82227	56.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.80%		
24) Chloroform-d	7.647	84	308338	25.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.80%		
26) 1,2-Dichloroethane-d4	8.299	65	176949	25.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.04%		
29) Benzene-d6	8.275	84	555108	23.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.20%		
33) 1,2-Dichloropropane-d6	9.275	67	170864	25.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.48%		
37) Toluene-d8	10.323	98	545138	24.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.04%		
38) trans-1,3-Dichloroprop...	10.579	79	81444	23.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.88%		
39) 2-Hexanone-d5	10.921	63	70065	52.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.30%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	169769	27.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.64%		
61) 1,2-Dichlorobenzene-d4	13.853	152	204335	24.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.56%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	117838	21.99	ug/L	100
3) Chloromethane	2.215	50	148739	22.02	ug/L	99
5) Vinyl chloride	2.367	62	229982	25.93	ug/L	98
6) Bromomethane	2.776	94	154175	24.07	ug/L	98
8) Chloroethane	2.922	64	140614	25.43	ug/L	97
9) Trichlorofluoromethane	3.257	101	108797	24.38	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	153535	26.76	ug/L #	88
12) 1,1-Dichloroethene	4.044	96	151414	25.86	ug/L	95
13) Acetone	4.117	43	51001	49.12	ug/L	99
14) Carbon disulfide	4.385	76	436155	24.73	ug/L	99
15) Methyl Acetate	4.666	43	68159	28.70	ug/L	96
16) Methylene chloride	4.916	84	155419	20.31	ug/L	93
17) Methyl tert-butyl Ether	5.416	73	209707	24.51	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	164920	25.51	ug/L	99
19) 1,1-Dichloroethane	6.214	63	284970	25.84	ug/L	96
21) 2-Butanone	7.165	43	86160	52.24	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	176917	26.02	ug/L	97
23) Bromochloromethane	7.513	128	81772	27.17	ug/L	86
25) Chloroform	7.671	83	309022	26.40	ug/L	100

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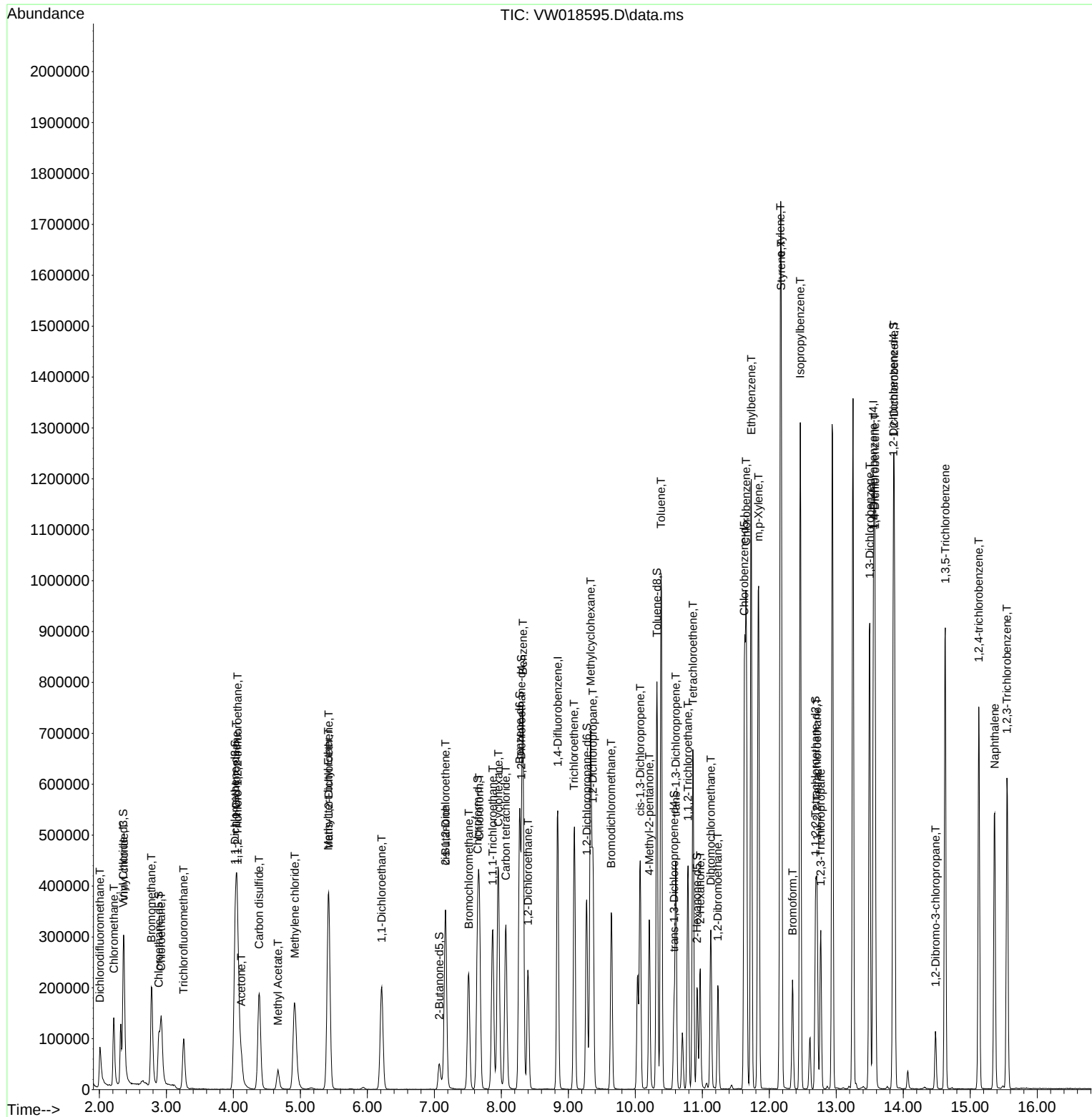
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	218534	26.31	ug/L	98
30) Cyclohexane	7.958	56	244337	23.21	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	252225	25.45	ug/L	98
32) Carbon tetrachloride	8.067	117	244555	26.48	ug/L	97
34) Benzene	8.324	78	655317	25.51	ug/L	100
35) Trichloroethene	9.086	95	181935	25.64	ug/L	98
36) Methylcyclohexane	9.336	83	296447	23.86	ug/L	98
40) 1,2-Dichloropropane	9.366	63	163054	25.95	ug/L	99
41) Bromodichloromethane	9.640	83	232737	26.21	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	263982	24.85	ug/L	96
43) 4-Methyl-2-pentanone	10.207	43	200936	53.18	ug/L	97
44) Toluene	10.384	91	761053	26.07	ug/L	95
45) trans-1,3-Dichloropropene	10.604	75	238656	25.02	ug/L	100
46) 1,1,2-Trichloroethane	10.787	97	136672	27.28	ug/L	97
47) Tetrachloroethene	10.860	164	139603	25.91	ug/L	97
49) 2-Hexanone	10.969	43	140489	52.55	ug/L	98
50) Dibromochloromethane	11.128	129	157005	26.58	ug/L	94
51) 1,2-Dibromoethane	11.232	107	132475	26.70	ug/L	97
52) Chlorobenzene	11.652	112	480295	25.94	ug/L	98
53) Ethylbenzene	11.731	91	851215	25.86	ug/L	99
54) m,p-Xylene	11.841	106	321444	25.55	ug/L	93
55) o-xylene	12.164	106	305868	25.51	ug/L	98
56) Styrene	12.177	104	530069	25.92	ug/L	97
57) Isopropylbenzene	12.463	105	836322	25.64	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	168419	27.78	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	123284	26.93	ug/L	100
62) Bromoform	12.347	173	91341	25.54	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	377340	25.28	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	378027	25.10	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	332784	24.94	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	27784	23.04	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.627	180	267257	24.82	ug/L	94
68) 1,2,4-trichlorobenzene	15.127	180	226516	24.73	ug/L	91
69) Naphthalene	15.365	128	469823	24.63	ug/L	100
70) 1,2,3-Trichlorobenzene	15.548	180	195562	24.47	ug/L	100

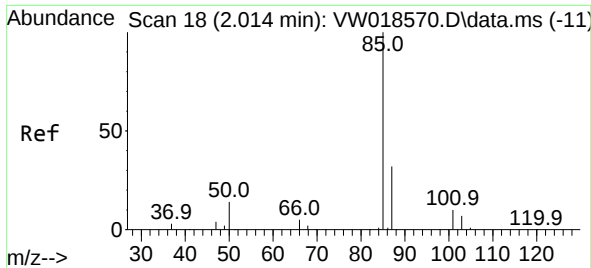
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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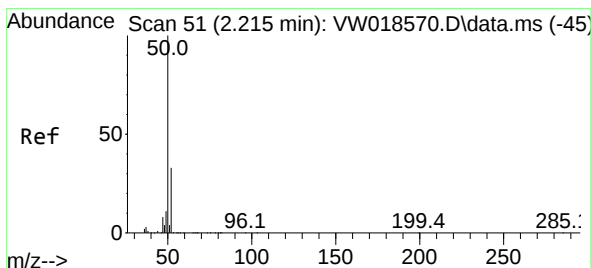
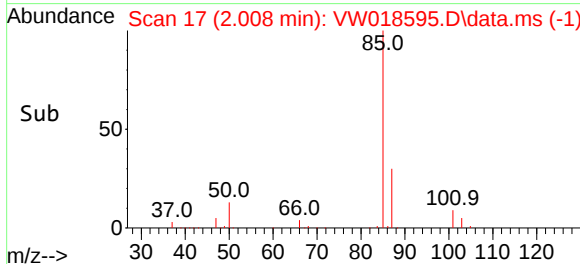
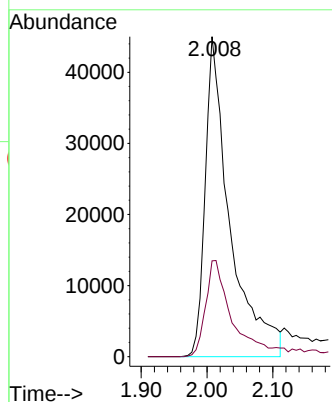
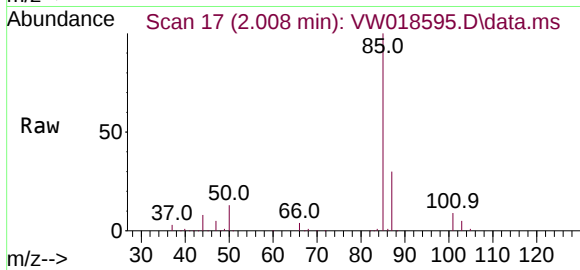




#2
Dichlorodifluoromethane
Concen: 21.99 ug/L
RT: 2.008 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

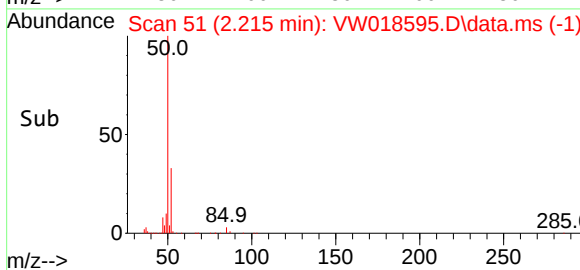
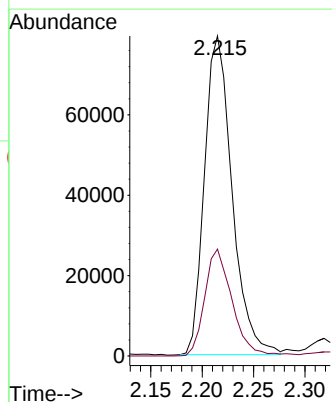
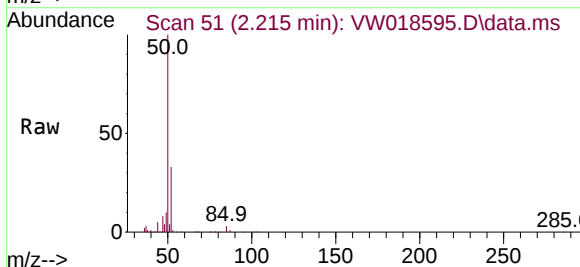
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MSVOA_W
ClientSampled :

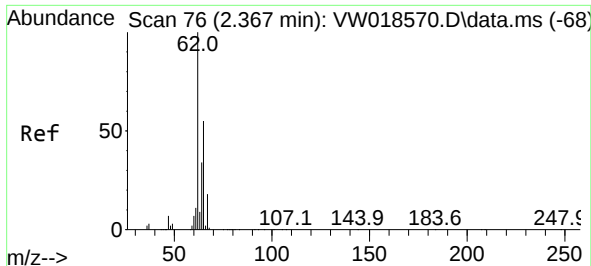
Tgt Ion: 85 Resp: 117838
Ion Ratio Lower Upper
85 100
87 31.5 22.2 41.2



#3
Chloromethane
Concen: 22.02 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 50 Resp: 148739
Ion Ratio Lower Upper
50 100
52 33.4 23.7 43.9

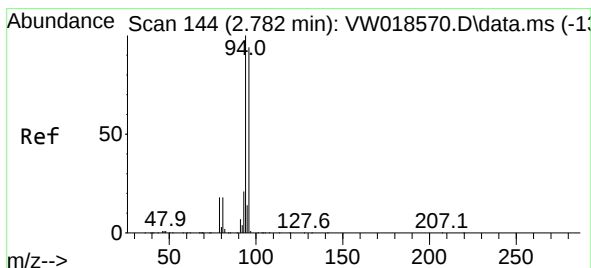
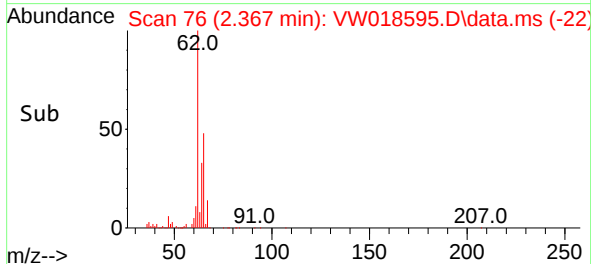
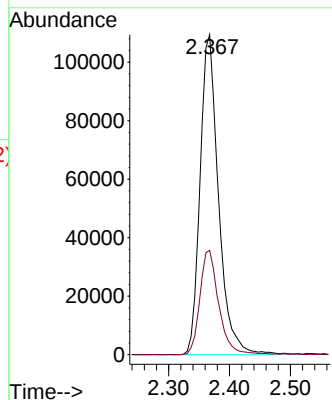
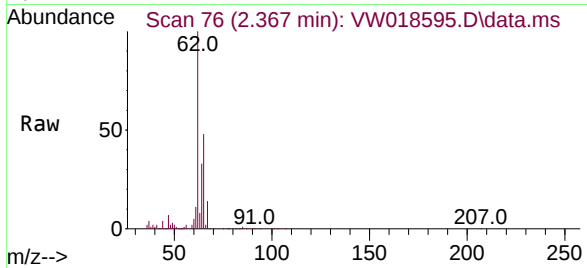




#5
 Vinyl chloride
 Concen: 25.93 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018595.D
 Acq: 08 Apr 2021 11:09

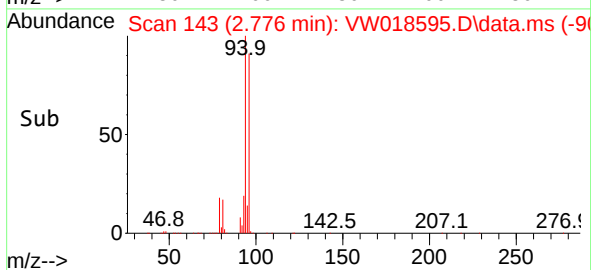
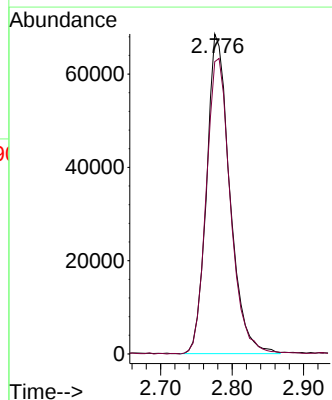
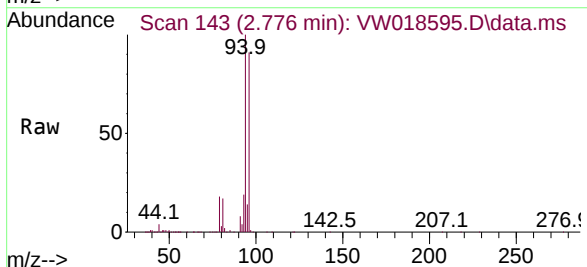
Instrument :
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 ClientSampled :

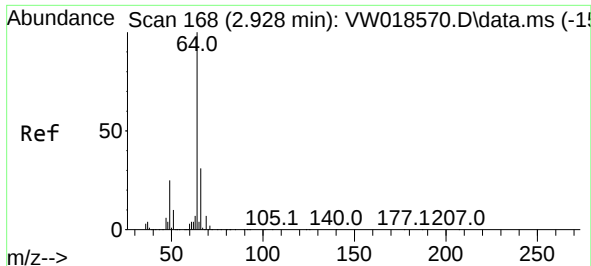
Tgt Ion: 62 Resp: 229982
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.5 43.7



#6
 Bromomethane
 Concen: 24.07 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW018595.D
 Acq: 08 Apr 2021 11:09

Tgt Ion: 94 Resp: 154175
 Ion Ratio Lower Upper
 94 100
 96 96.7 9.4 179.4

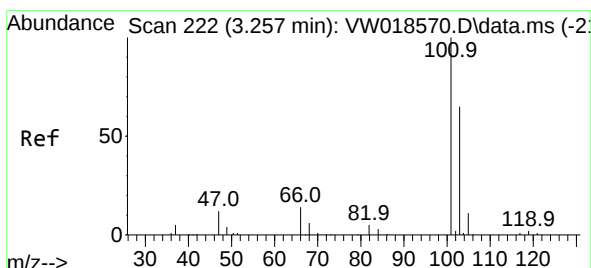
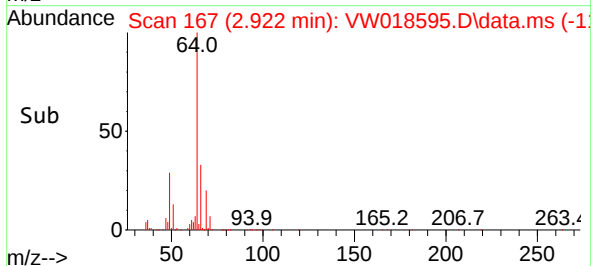
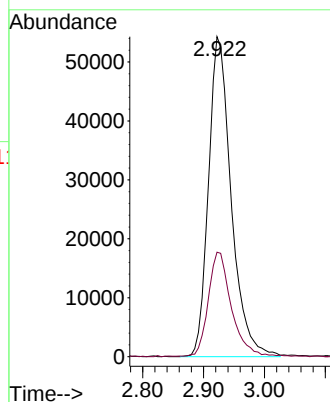
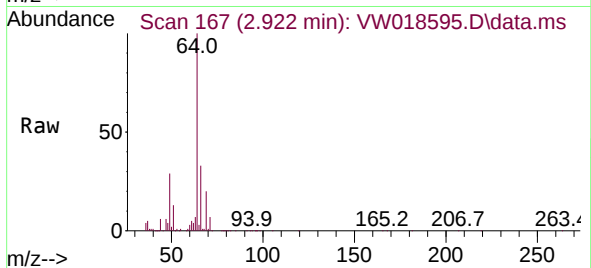




#8
Chloroethane
Concen: 25.43 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

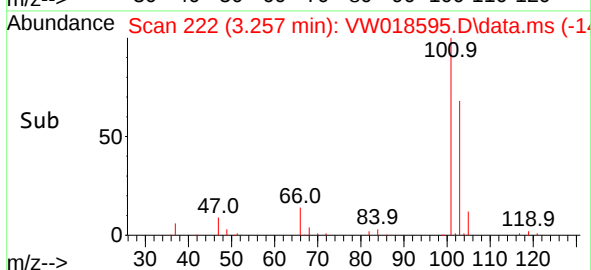
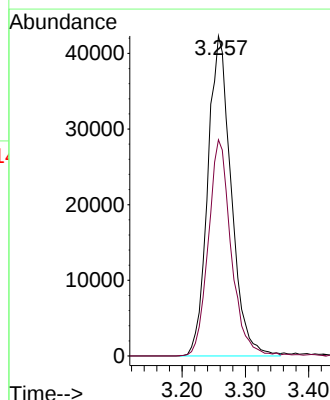
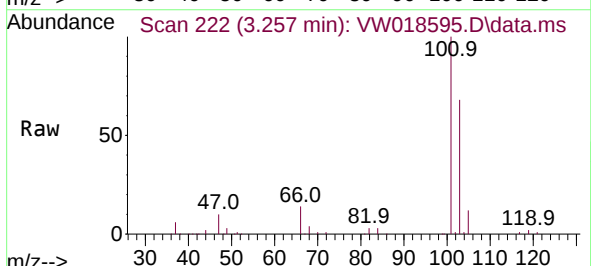
Instrument :
MSVOA_W
ClientSampled :

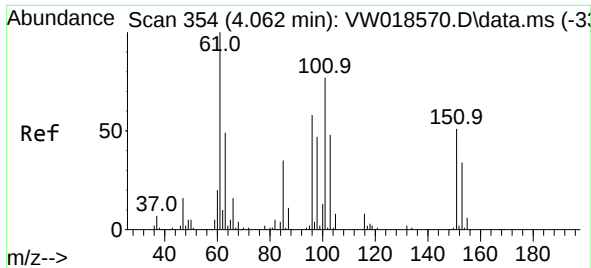
Tgt Ion: 64 Resp: 140614
Ion Ratio Lower Upper
64 100
66 32.7 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.38 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 101 Resp: 108797
Ion Ratio Lower Upper
101 100
103 65.5 45.6 84.8

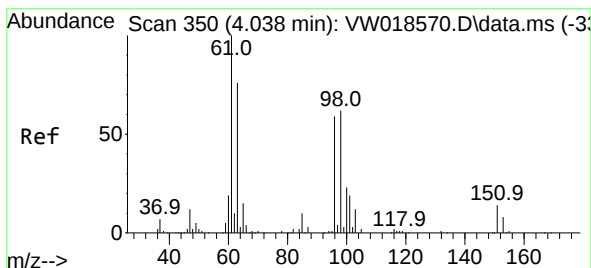
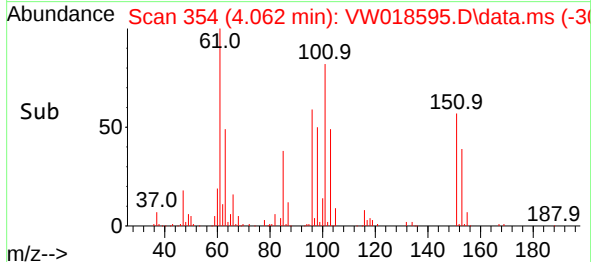
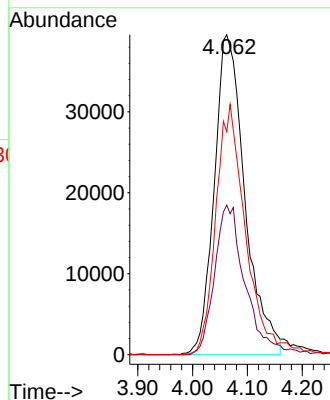
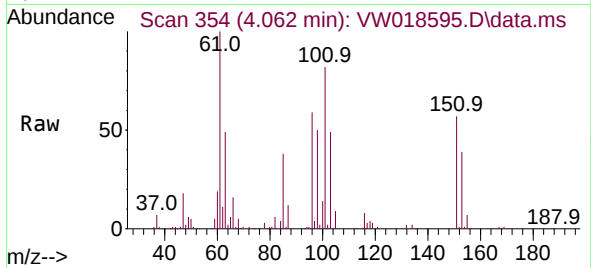




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.76 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW018595.D
 Acq: 08 Apr 2021 11:09

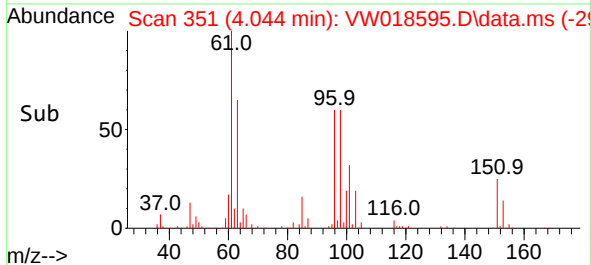
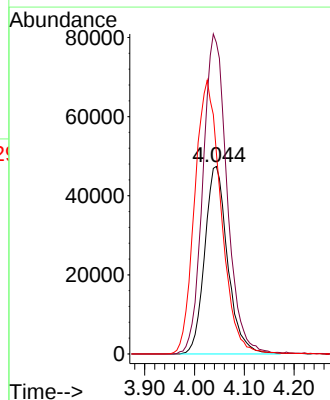
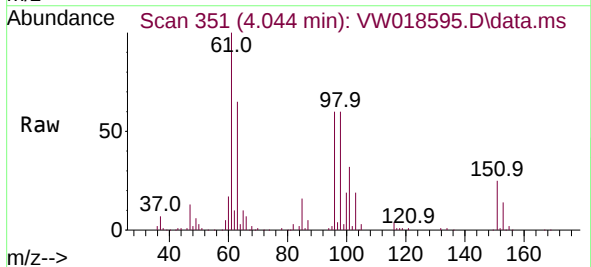
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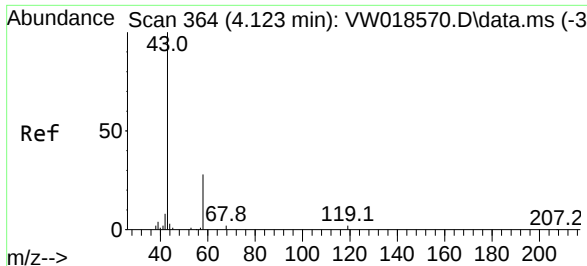
Tgt Ion:101 Resp: 153535
 Ion Ratio Lower Upper
 101 100
 85 24.7 35.6 53.4#
 151 73.2 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 25.86 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018595.D
 Acq: 08 Apr 2021 11:09

Tgt Ion: 96 Resp: 151414
 Ion Ratio Lower Upper
 96 100
 61 166.1 118.6 220.2
 63 107.4 82.4 153.0

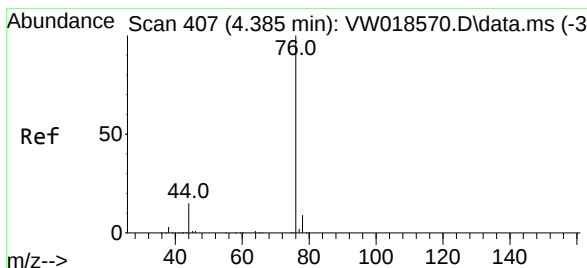
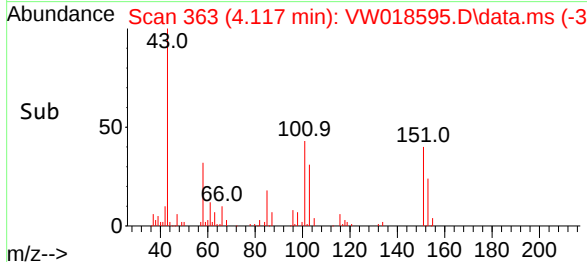
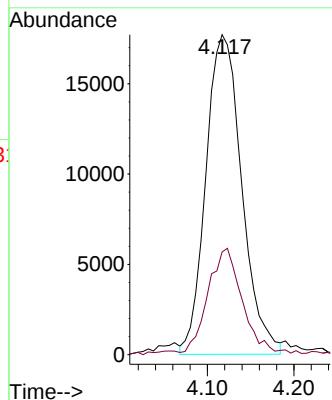
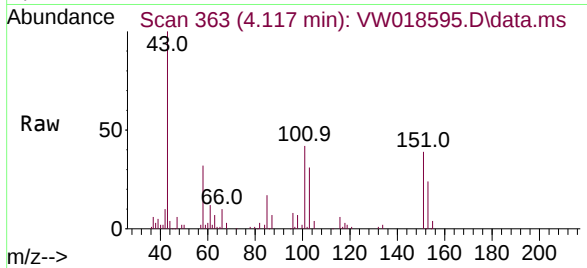




#13
Acetone
Concen: 49.12 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

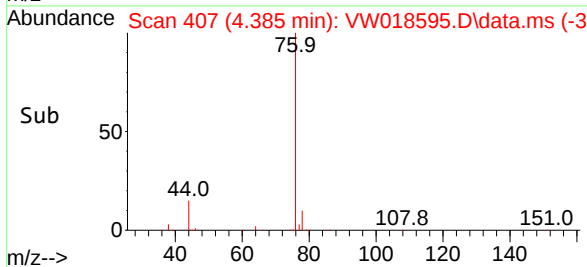
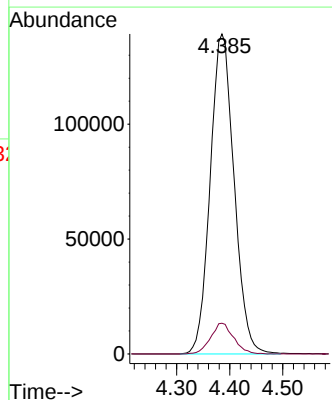
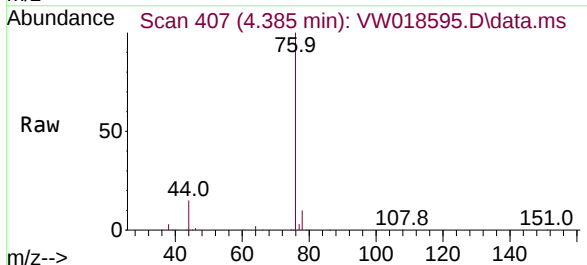
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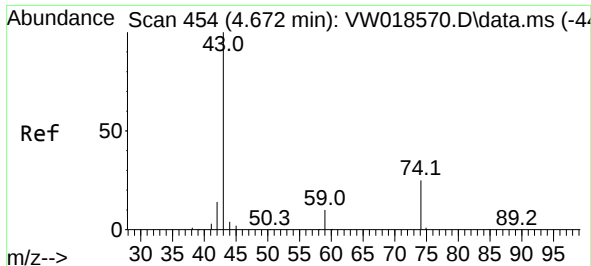
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Ion Ratio Lower Upper
43 100
58 31.6 0.0 62.2



#14
Carbon disulfide
Concen: 24.73 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 76 Resp: 436155
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

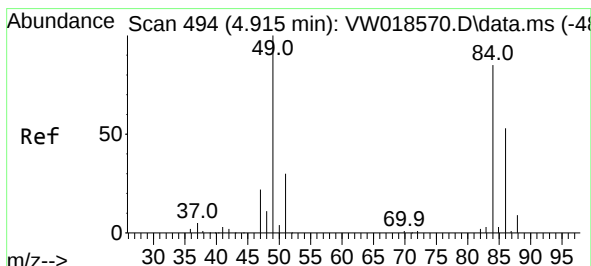
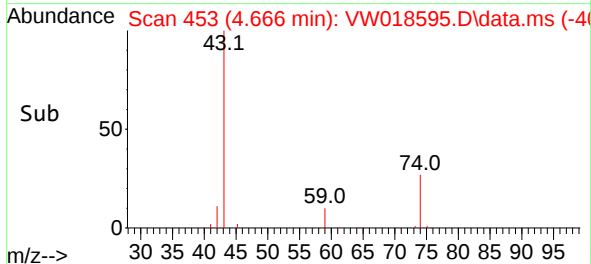
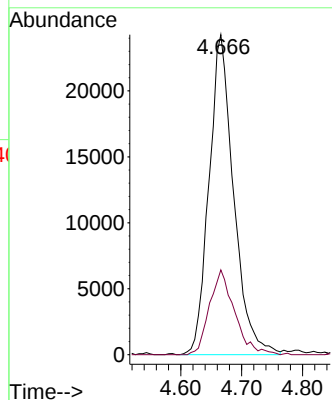
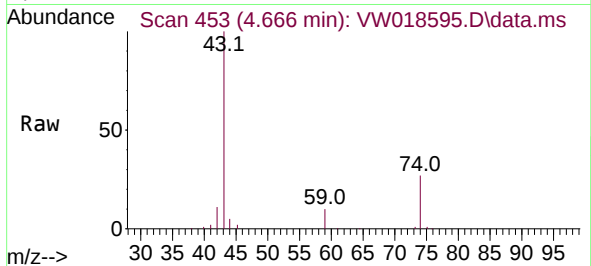




#15
Methyl Acetate
Concen: 28.70 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

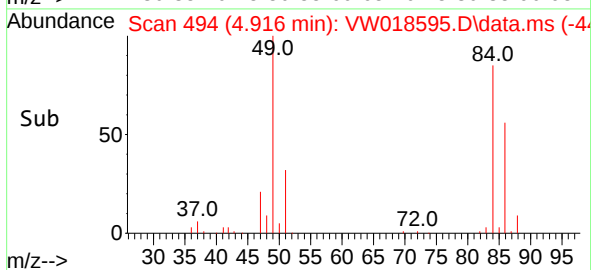
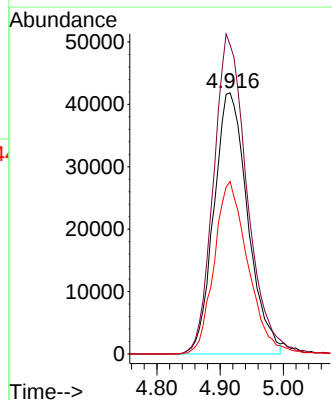
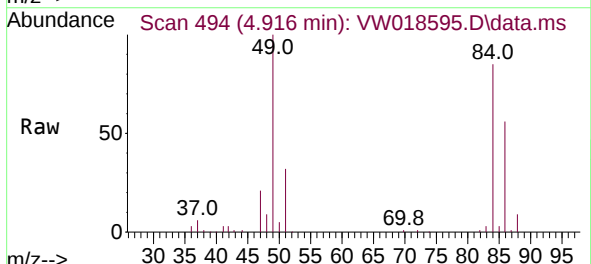
Instrument :
MSVOA_W
ClientSampled :

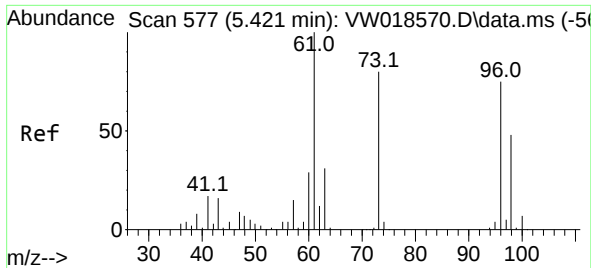
Tgt Ion: 43 Resp: 68159
Ion Ratio Lower Upper
43 100
74 26.3 22.9 34.3



#16
Methylene chloride
Concen: 20.31 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 84 Resp: 155419
Ion Ratio Lower Upper
84 100
49 118.3 74.4 138.2
86 66.0 46.1 85.7

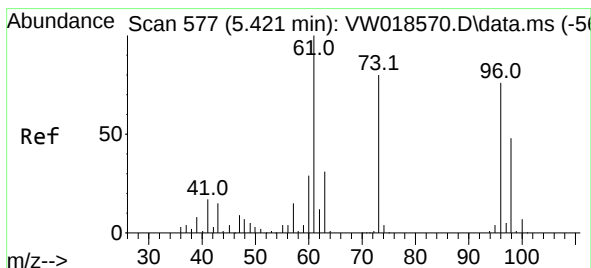
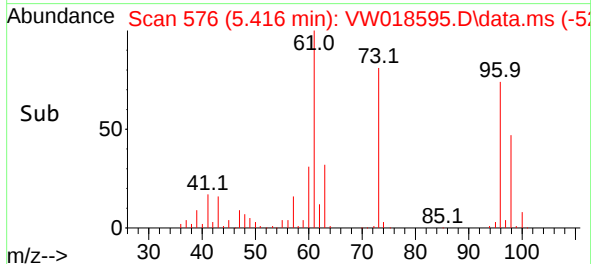
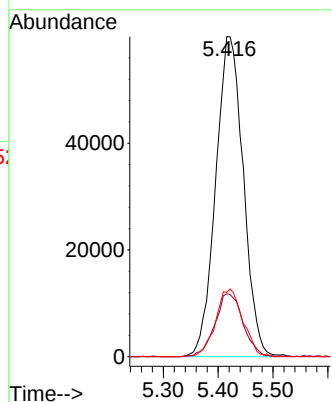
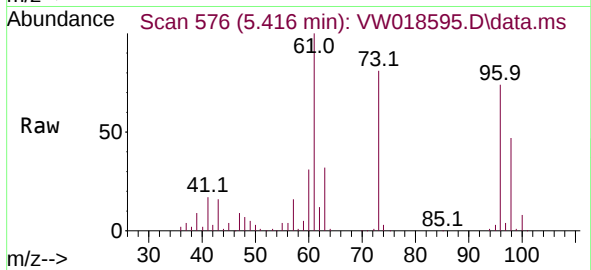




#17
Methyl tert-butyl Ether
Concen: 24.51 ug/L
RT: 5.416 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

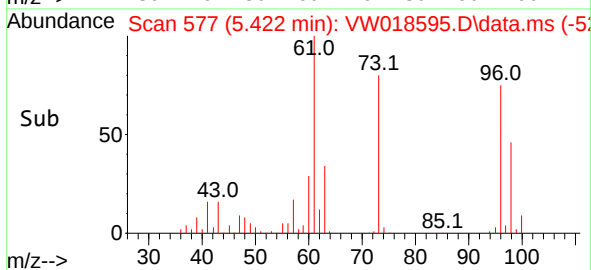
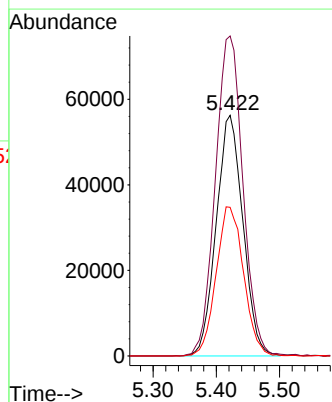
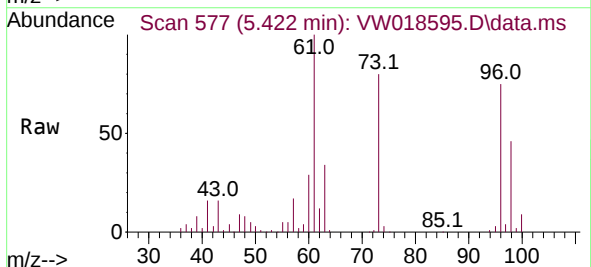
Instrument :
MSVOA_W
ClientSampled :

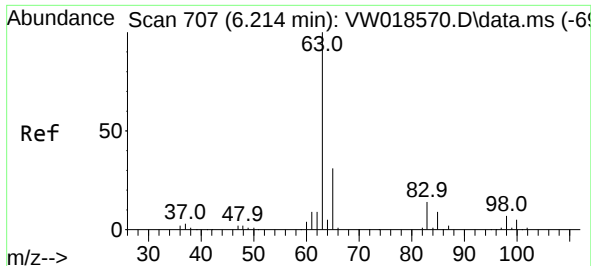
Tgt Ion: 73	Resp: 209707
Ion Ratio	Lower Upper
73 100	
43 19.9	16.6 24.8
57 20.3	15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 25.51 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 96	Resp: 164920
Ion Ratio	Lower Upper
96 100	
61 133.0	93.3 173.3
98 61.8	45.2 84.0





#19

1,1-Dichloroethane

Concen: 25.84 ug/L

RT: 6.214 min Scan# 707

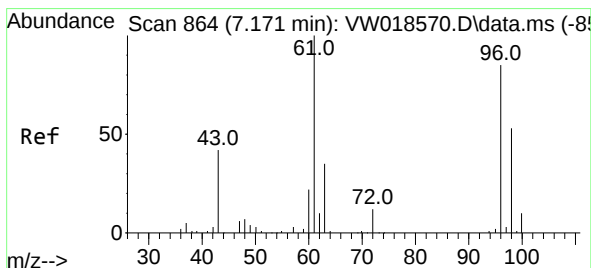
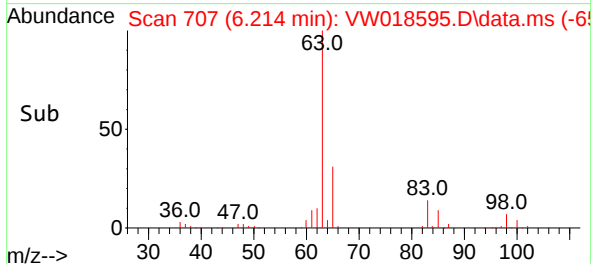
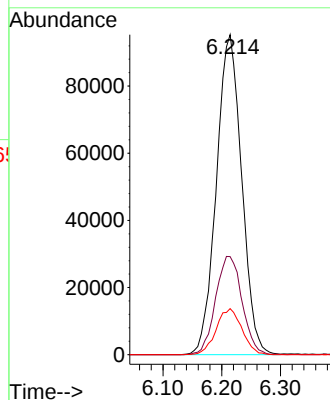
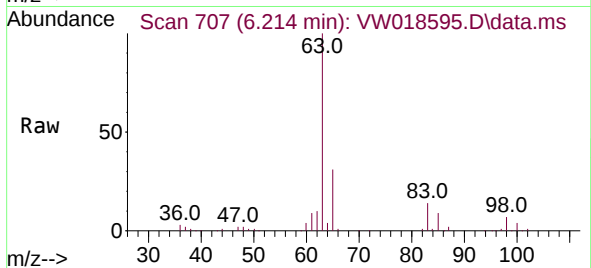
Delta R.T. 0.000 min

Lab File: VW018595.D

Acq: 08 Apr 2021 11:09

Tgt Ion:	63	Resp:	284970
Ion	Ratio	Lower	Upper
63	100		
65	30.7	23.5	43.7
83	14.4	10.3	19.1

Instrument :
MSVOA_W
ClientSampled :



#21

2-Butanone

Concen: 52.24 ug/L

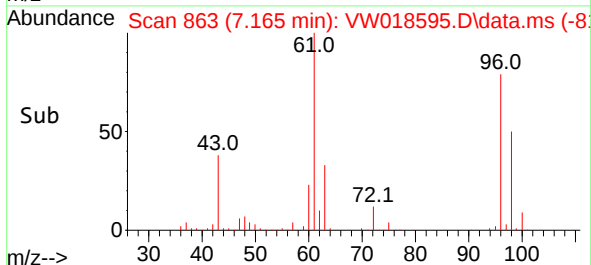
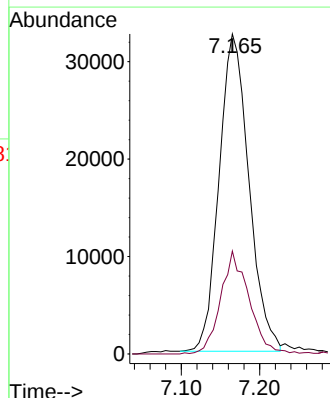
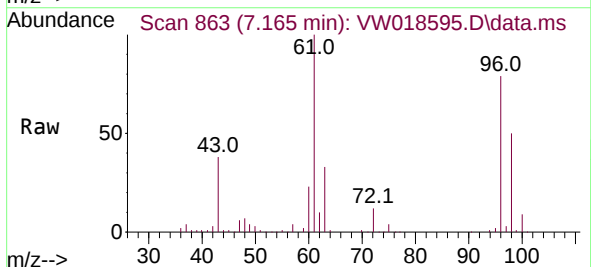
RT: 7.165 min Scan# 863

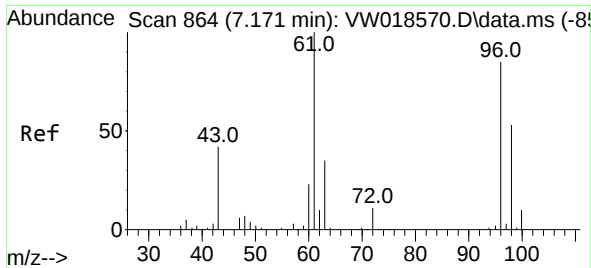
Delta R.T. -0.006 min

Lab File: VW018595.D

Acq: 08 Apr 2021 11:09

Tgt Ion:	43	Resp:	86160
Ion	Ratio	Lower	Upper
43	100		
72	30.6	16.5	49.5

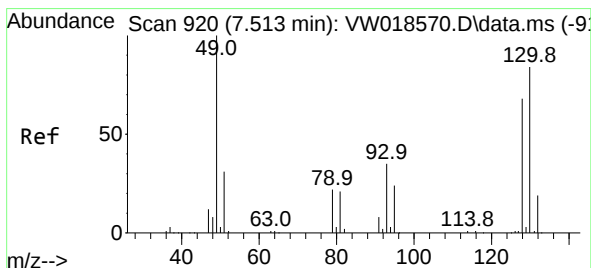
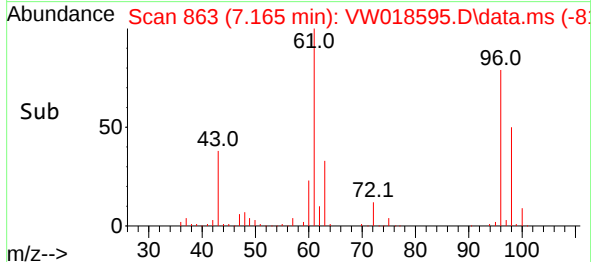
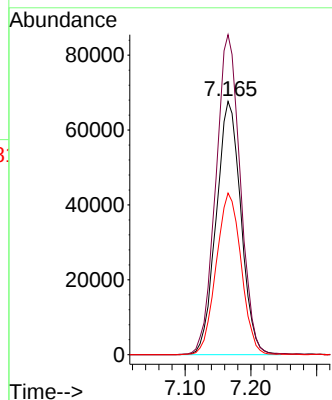
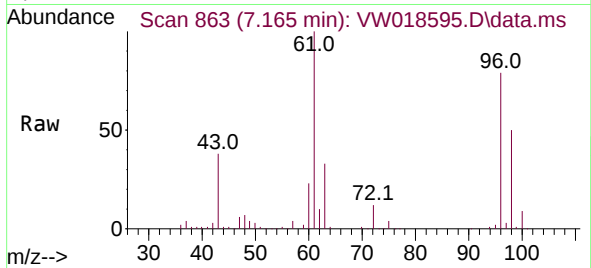




#22
cis-1,2-Dichloroethene
Concen: 26.02 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

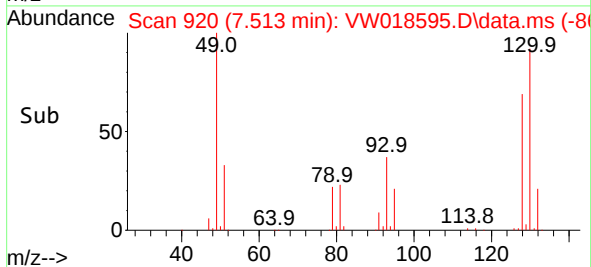
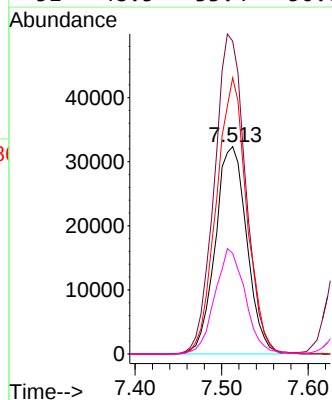
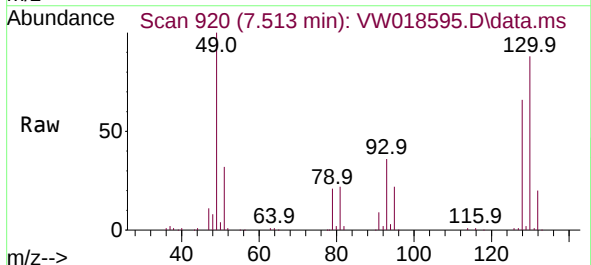
Instrument :
MSVOA_W
ClientSampled :

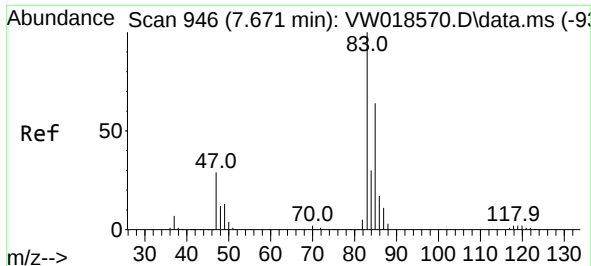
Tgt Ion: 96 Resp: 176917
Ion Ratio Lower Upper
96 100
61 126.3 84.8 157.6
98 63.8 45.1 83.9



#23
Bromochloromethane
Concen: 27.17 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 128 Resp: 81772
Ion Ratio Lower Upper
128 100
49 150.9 92.4 171.6
130 133.2 83.9 155.7
51 48.5 33.4 50.0

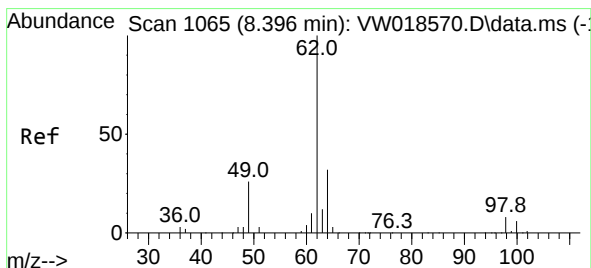
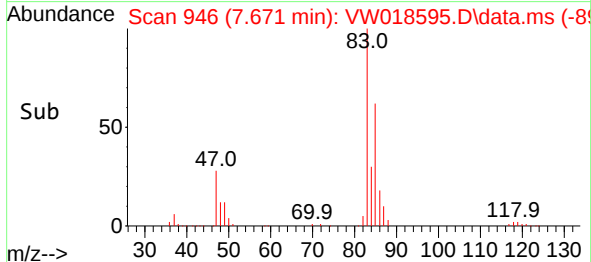
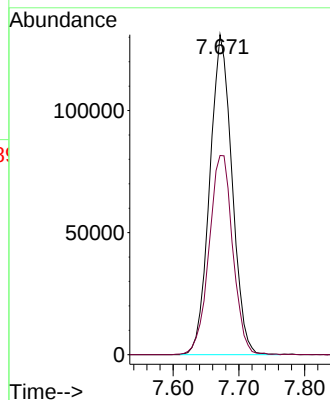
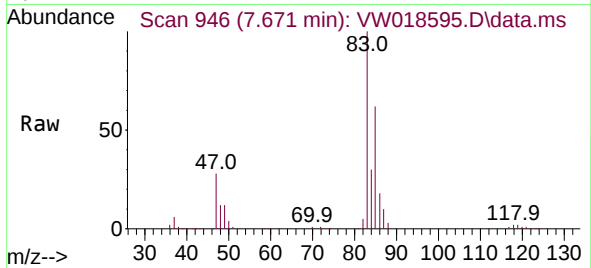




#25
Chloroform
Concen: 26.40 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

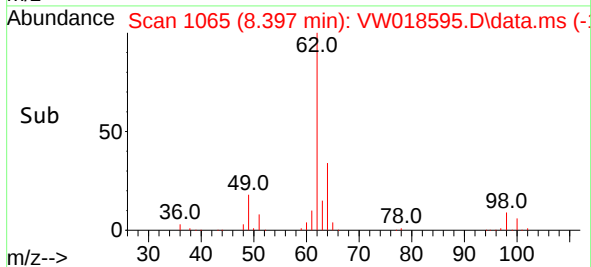
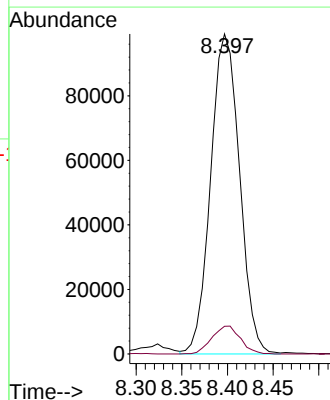
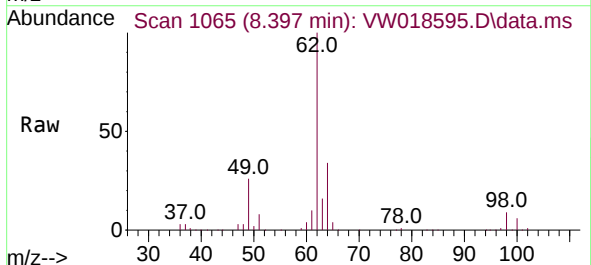
Instrument :
MSVOA_W
ClientSampled :

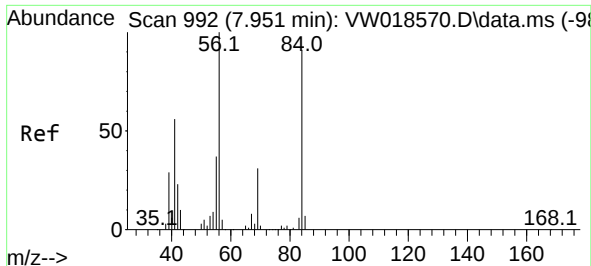
Tgt Ion: 83 Resp: 309022
Ion Ratio Lower Upper
83 100
85 66.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.31 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

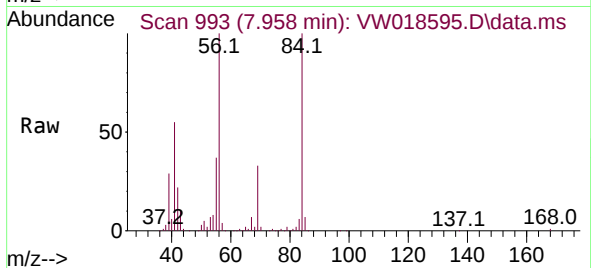
Tgt Ion: 62 Resp: 218534
Ion Ratio Lower Upper
62 100
98 8.6 6.4 9.6



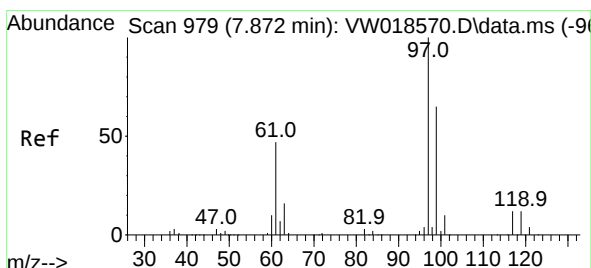
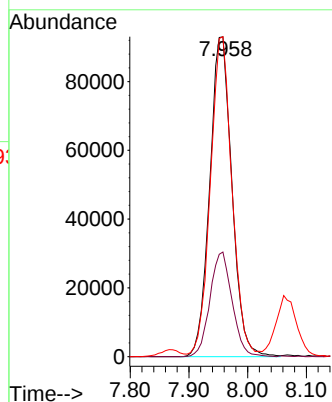
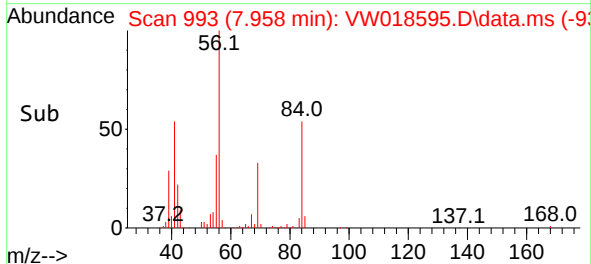


#30
Cyclohexane
Concen: 23.21 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

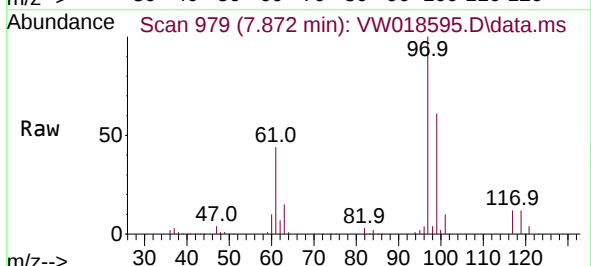
Instrument :
MSVOA_W
ClientSampled :



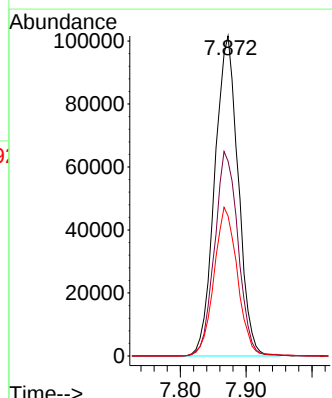
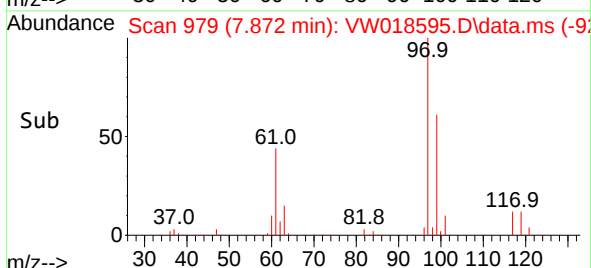
Tgt Ion: 56 Resp: 244337
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.6
84 96.8 79.9 119.9

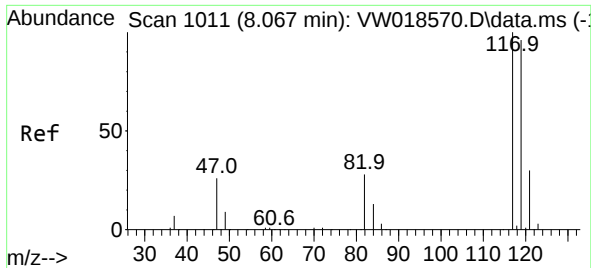


#31
1,1,1-Trichloroethane
Concen: 25.45 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09



Tgt Ion: 97 Resp: 252225
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 46.3 34.8 52.2

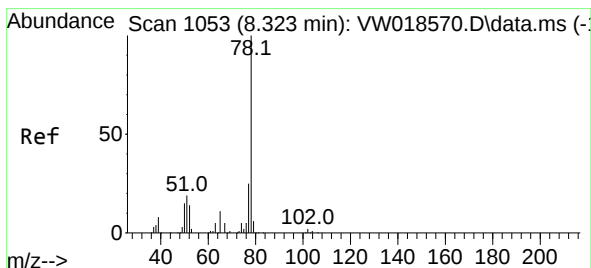
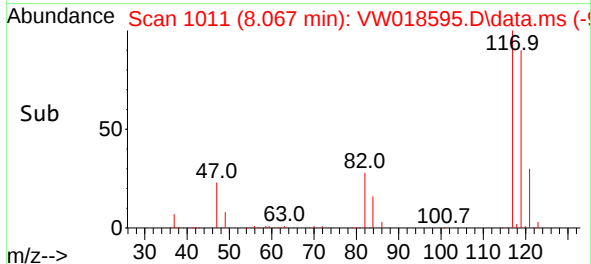
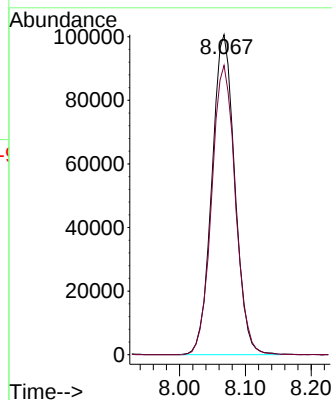
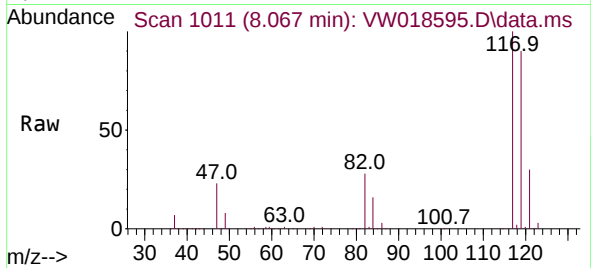




#32
Carbon tetrachloride
Concen: 26.48 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

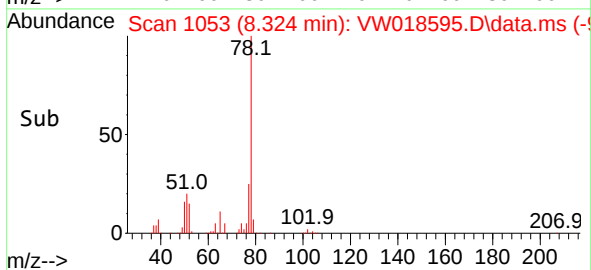
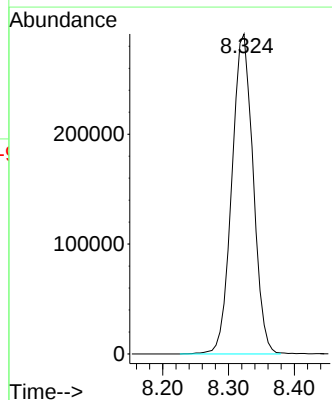
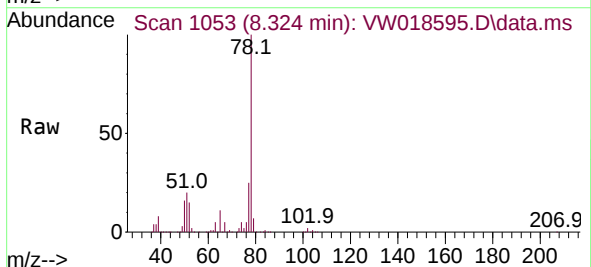
Instrument :
MSVOA_W
ClientSampled :

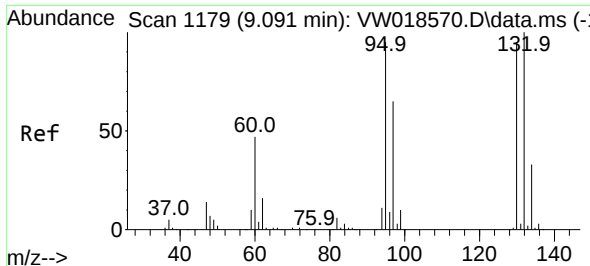
Tgt Ion:117 Resp: 244555
Ion Ratio Lower Upper
117 100
119 93.1 76.7 115.1



#34
Benzene
Concen: 25.51 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 78 Resp: 655317



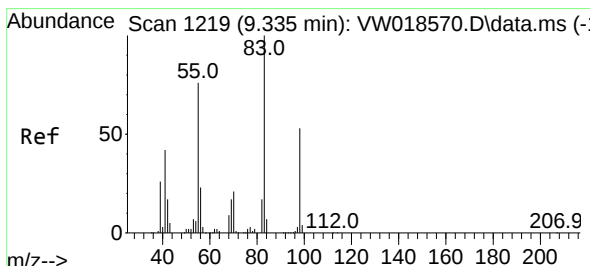
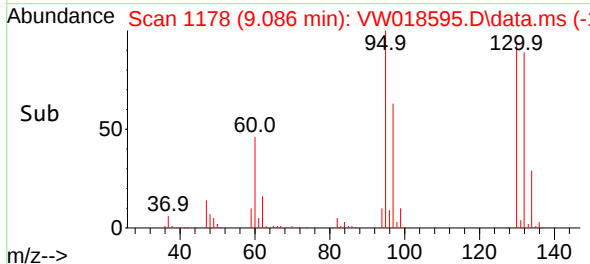
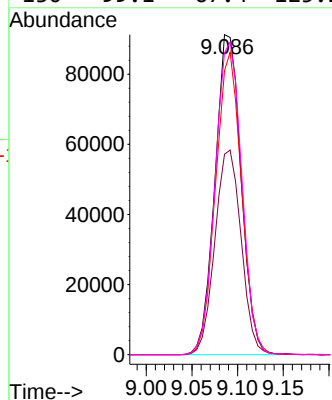
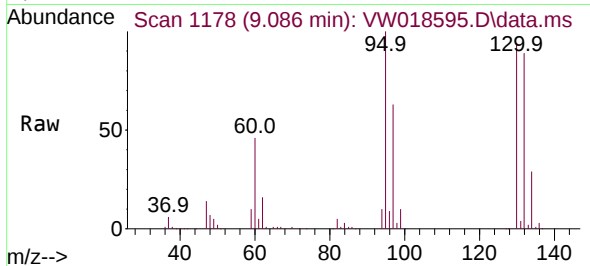


#35
Trichloroethene
Concen: 25.64 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 181935

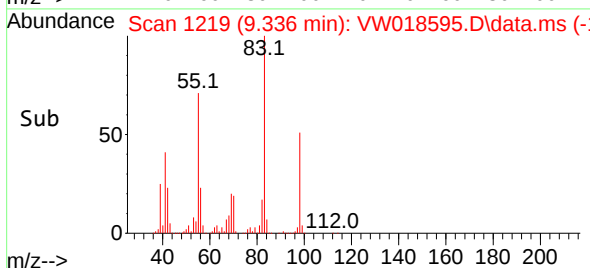
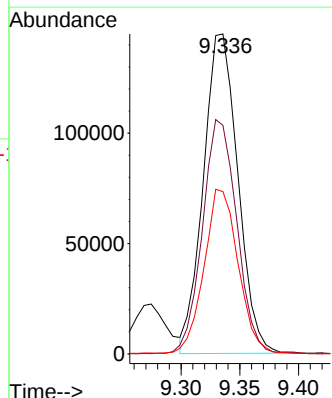
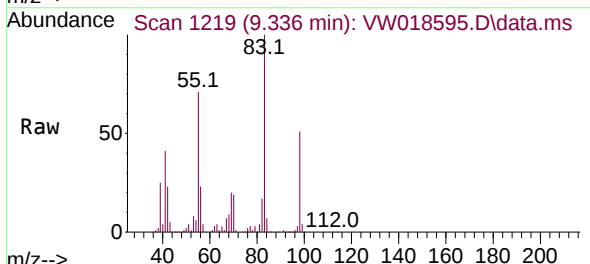
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	93.4	65.9	122.5
130	99.1	67.4	125.2

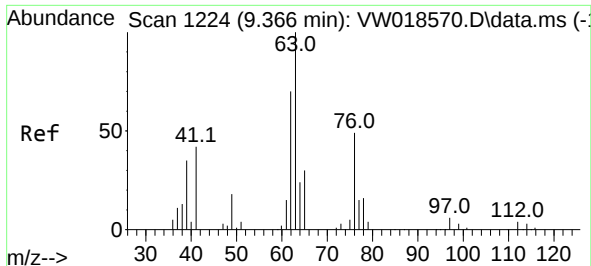


#36
Methylcyclohexane
Concen: 23.86 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 83 Resp: 296447

Ion	Ratio	Lower	Upper
83	100		
55	73.2	56.8	85.2
98	51.4	40.6	61.0





#40

1,2-Dichloropropane

Concen: 25.95 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW018595.D

Acq: 08 Apr 2021 11:09

Tgt Ion: 63 Resp: 163054

Ion Ratio Lower Upper

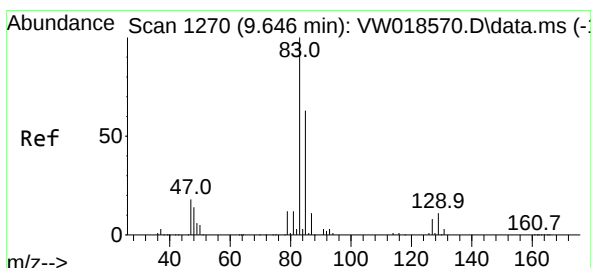
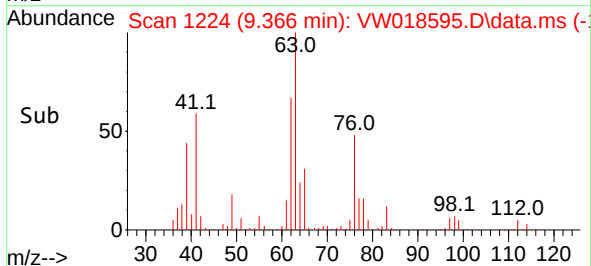
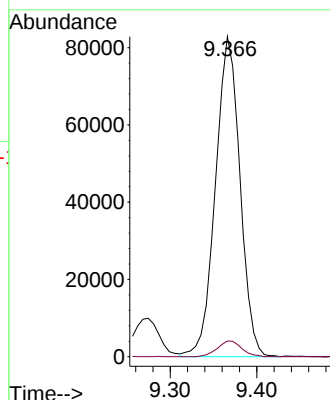
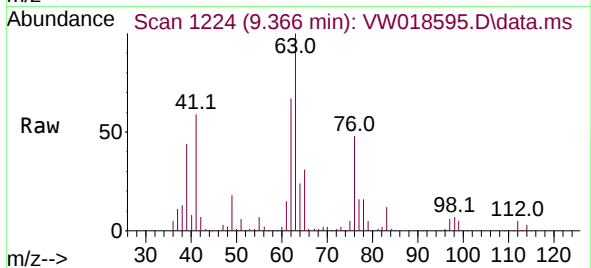
63 100

112 4.9 4.2 6.4

Instrument :

MSVOA_W

ClientSampled :



#41

Bromodichloromethane

Concen: 26.21 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW018595.D

Acq: 08 Apr 2021 11:09

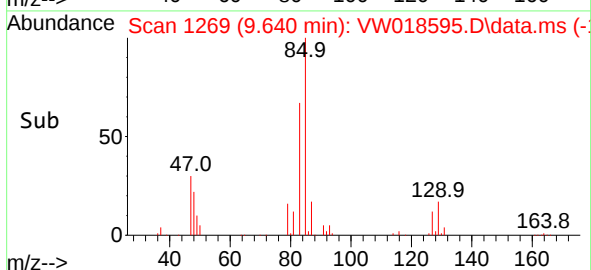
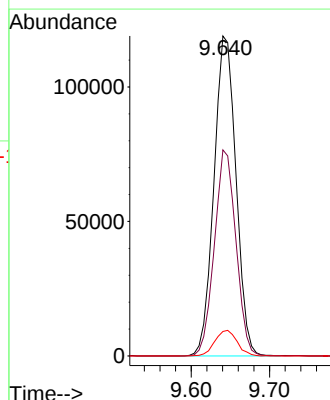
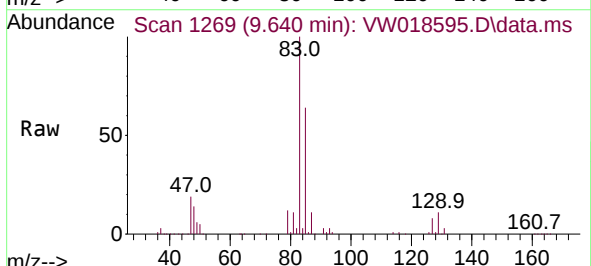
Tgt Ion: 83 Resp: 232737

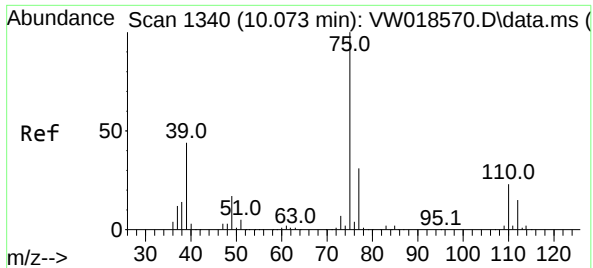
Ion Ratio Lower Upper

83 100

85 64.4 43.8 81.4

127 7.7 6.9 10.3

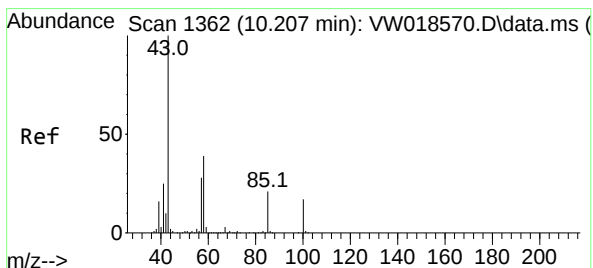
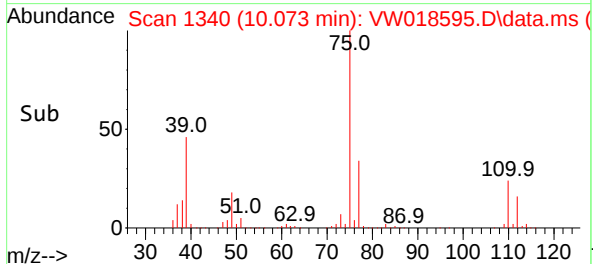
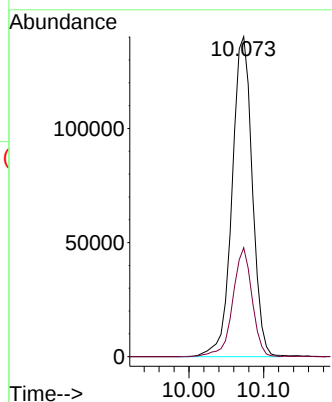
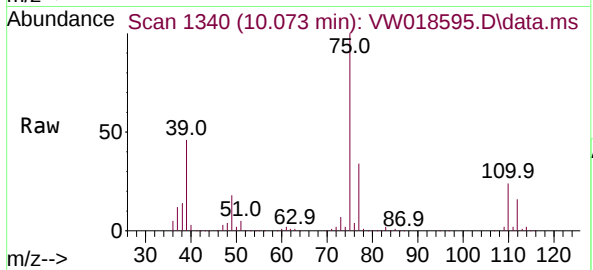




#42
cis-1,3-Dichloropropene
Concen: 24.85 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

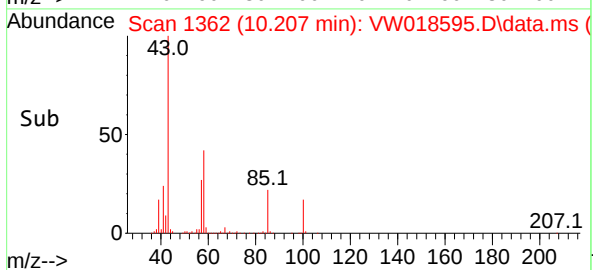
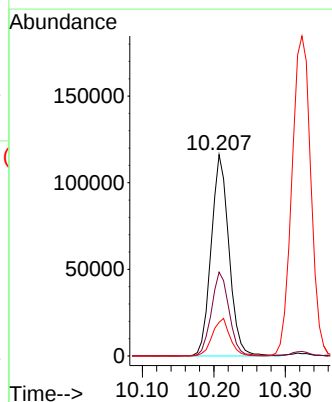
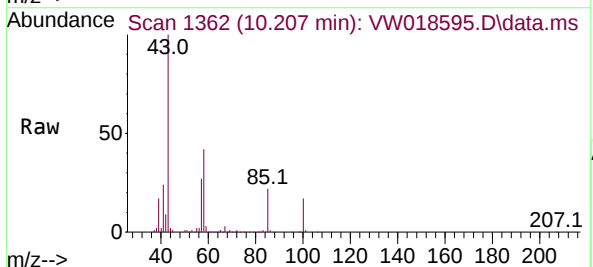
Instrument :
MSVOA_W
ClientSampled :

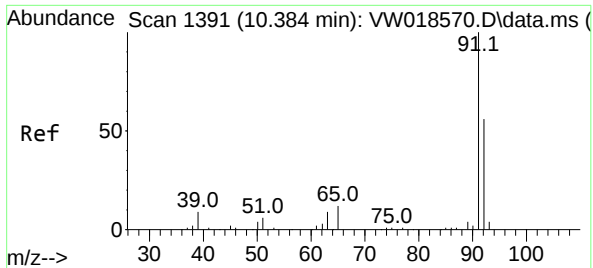
Tgt Ion: 75 Resp: 263982
Ion Ratio Lower Upper
75 100
77 34.1 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 53.18 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 43 Resp: 200936
Ion Ratio Lower Upper
43 100
58 41.5 34.8 52.2
100 18.3 15.9 23.9

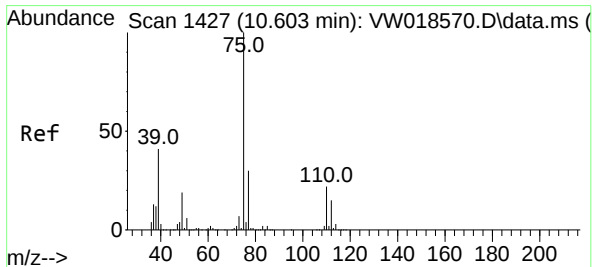
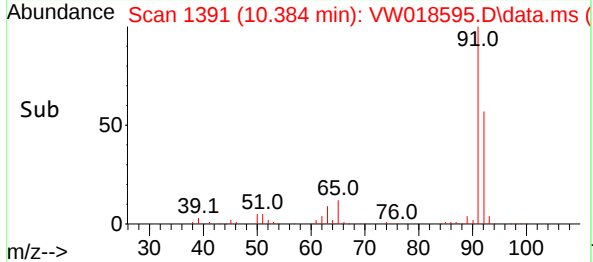
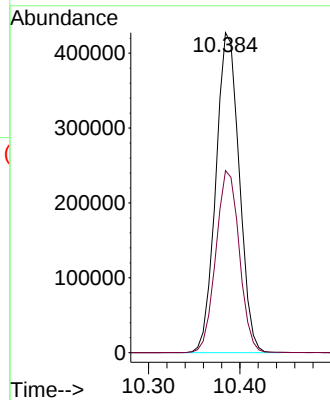
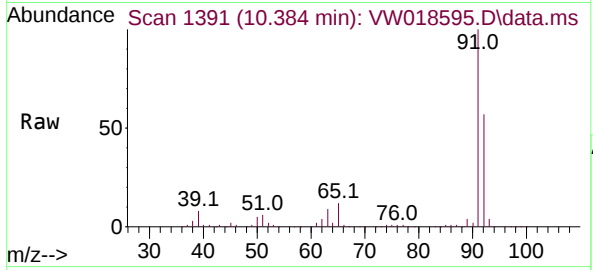




#44
Toluene
Concen: 26.07 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

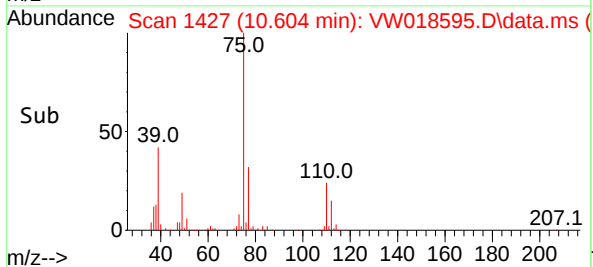
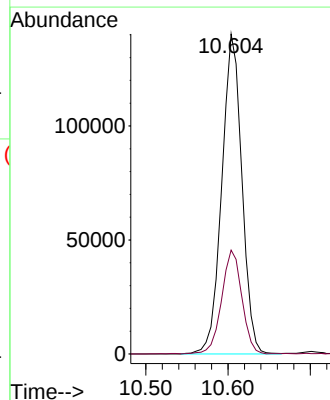
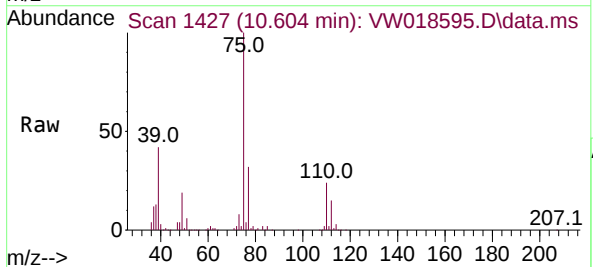
Instrument :
MSVOA_W
ClientSampled :

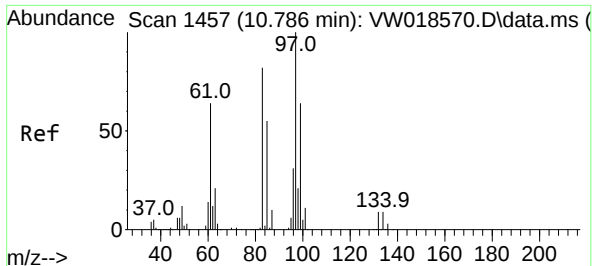
Tgt Ion: 91 Resp: 761053
Ion Ratio Lower Upper
91 100
92 56.9 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 25.02 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 75 Resp: 238656
Ion Ratio Lower Upper
75 100
77 32.5 22.6 42.0

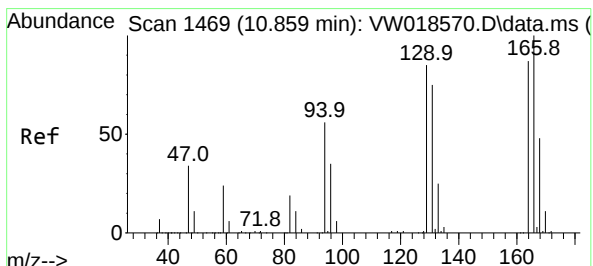
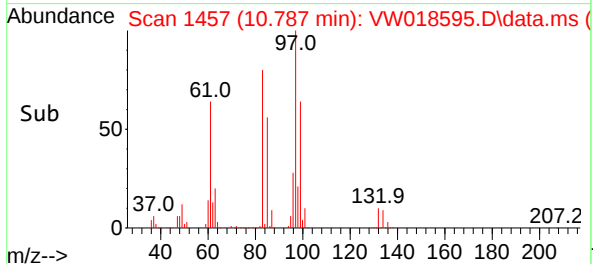
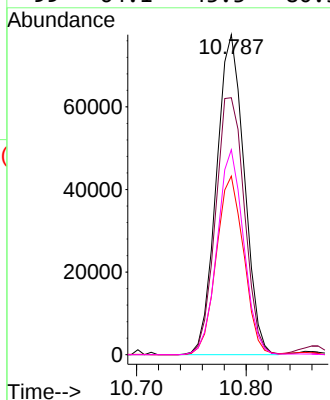
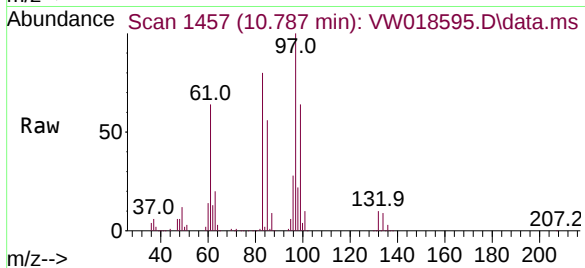




#46
1,1,2-Trichloroethane
Concen: 27.28 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

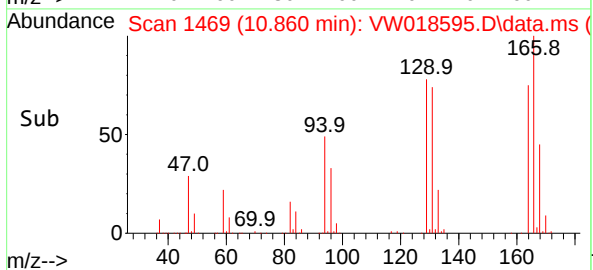
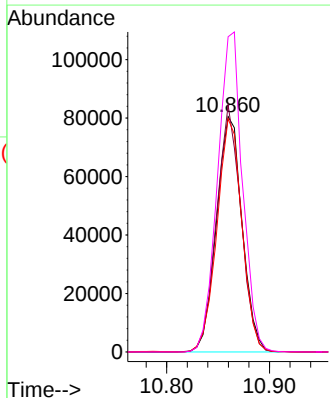
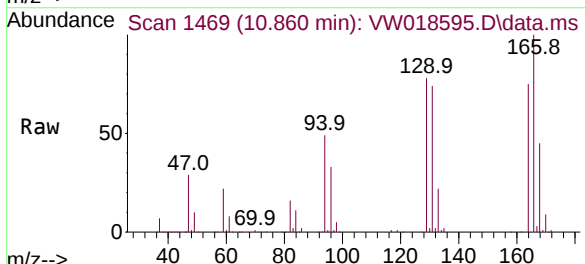
Instrument :
MSVOA_W
ClientSampled :

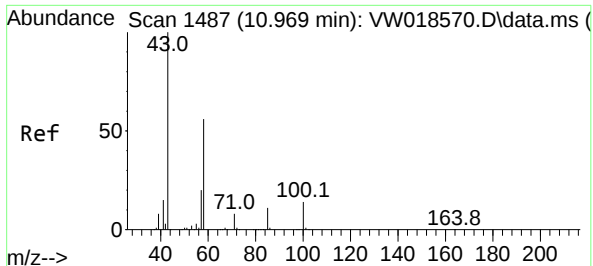
Tgt Ion:	97	Resp:	136672
Ion	Ratio	Lower	Upper
97	100		
83	80.3	58.9	109.5
85	55.8	38.4	71.4
99	64.1	43.3	80.3



#47
Tetrachloroethene
Concen: 25.91 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion:	164	Resp:	139603
Ion	Ratio	Lower	Upper
164	100		
129	104.8	68.8	127.8
131	99.1	68.3	126.8
166	133.9	95.4	177.2

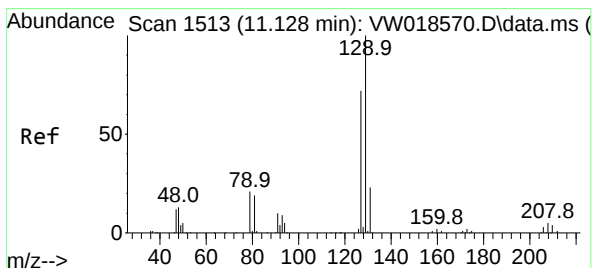
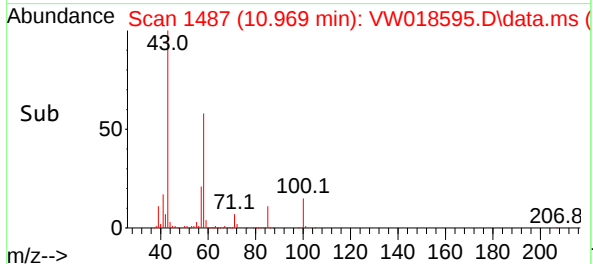
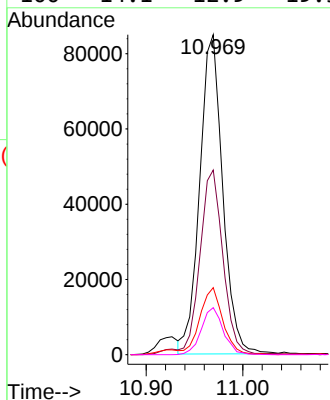
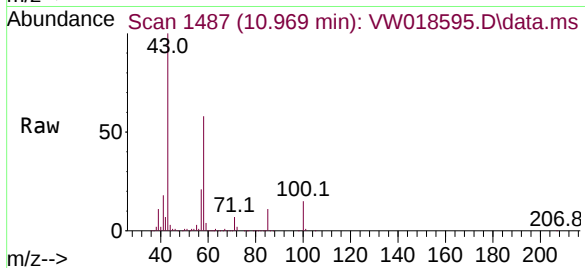




#49
2-Hexanone
Concen: 52.55 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

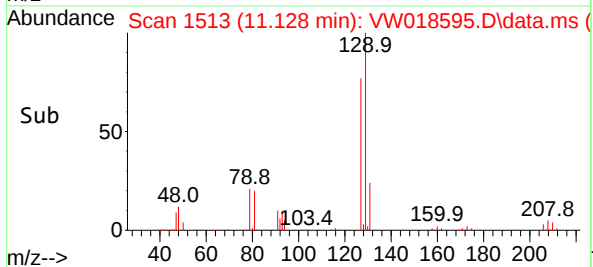
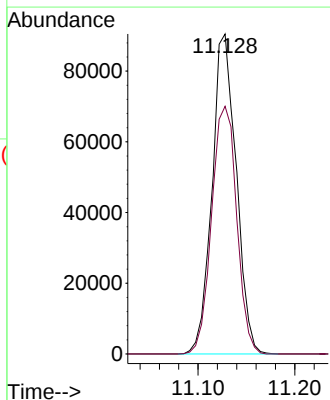
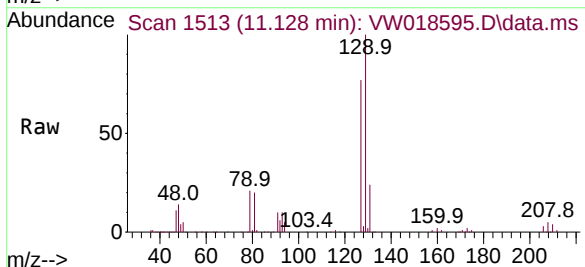
Instrument :
MSVOA_W
ClientSampled :

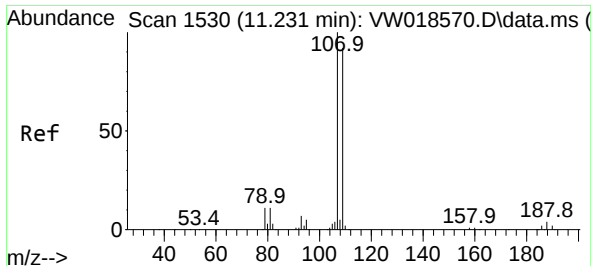
Tgt Ion:	43	Resp:	140489
Ion	Ratio	Lower	Upper
43	100		
58	57.5	47.3	70.9
57	20.9	17.3	25.9
100	14.1	12.9	19.3



#50
Dibromochloromethane
Concen: 26.58 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion:	129	Resp:	157005
Ion	Ratio	Lower	Upper
129	100		
127	77.4	58.0	107.6

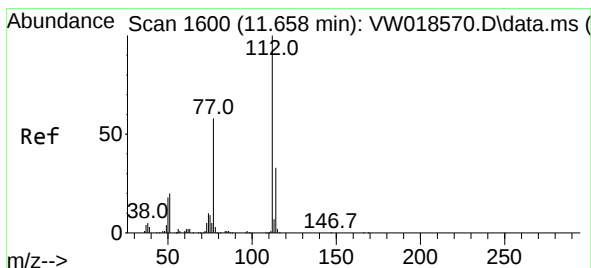
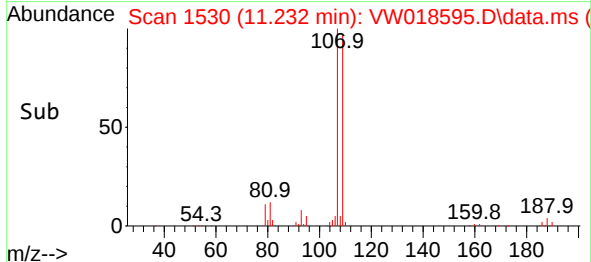
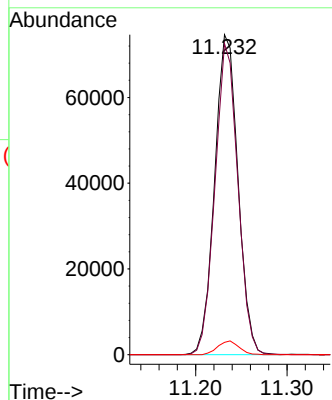
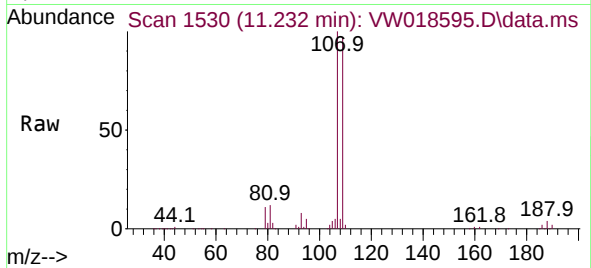




#51
1,2-Dibromoethane
Concen: 26.70 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

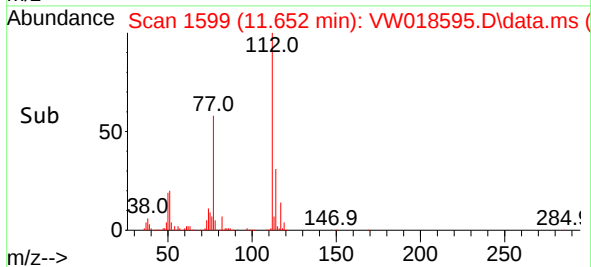
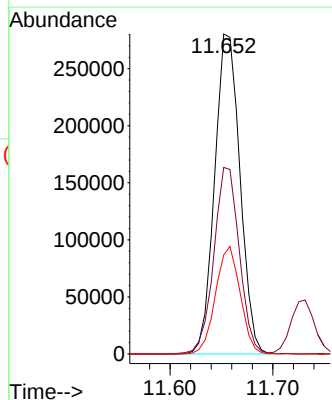
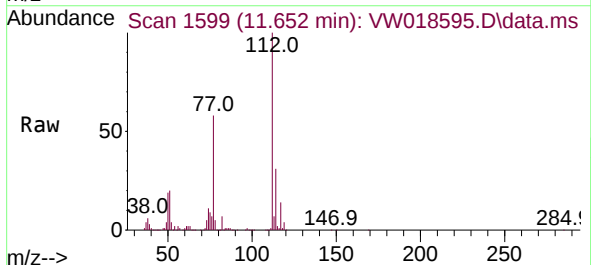
Instrument :
MSVOA_W
ClientSampleId :

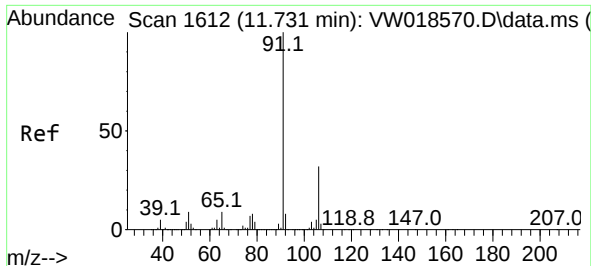
Tgt Ion:107 Resp: 132475
Ion Ratio Lower Upper
107 100
109 97.2 65.9 122.5
188 3.8 3.0 4.4



#52
Chlorobenzene
Concen: 25.94 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion:112 Resp: 480295
Ion Ratio Lower Upper
112 100
77 58.3 45.4 68.2
114 30.9 22.5 41.9

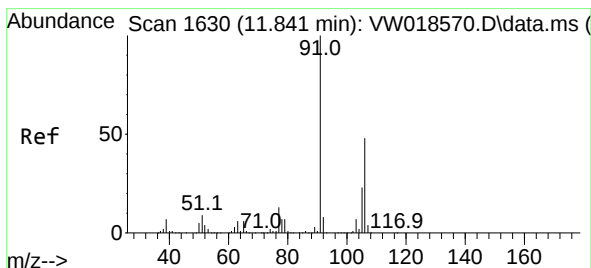
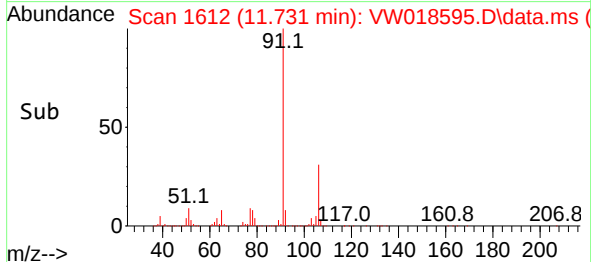
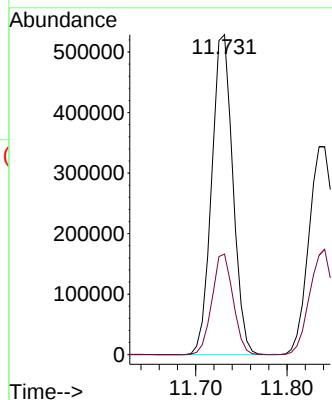
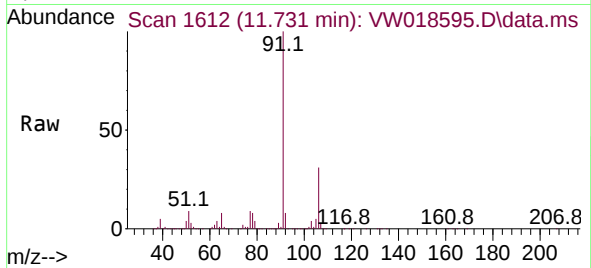




#53
Ethylbenzene
Concen: 25.86 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

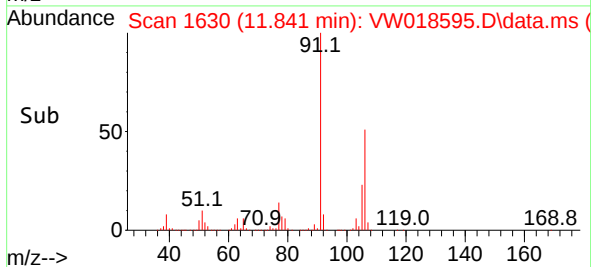
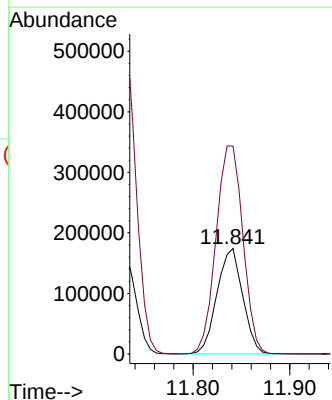
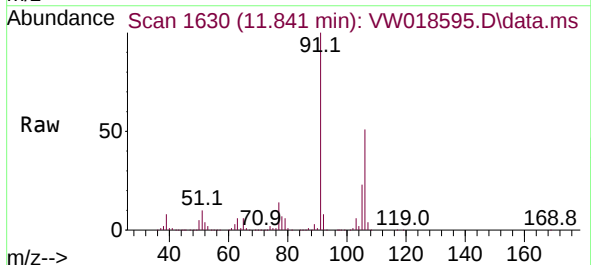
Instrument :
MSVOA_W
ClientSampled :

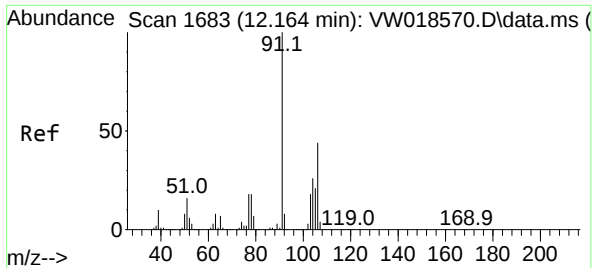
Tgt Ion: 91 Resp: 851215
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3



#54
m,p-Xylene
Concen: 25.55 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion:106 Resp: 321444
Ion Ratio Lower Upper
106 100
91 197.2 145.3 269.8

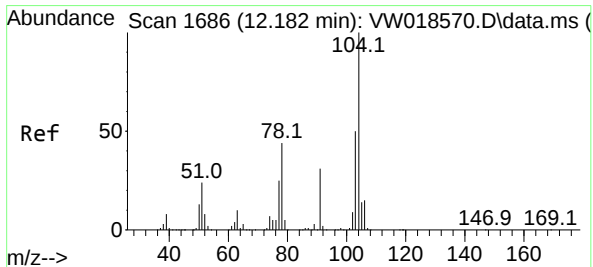
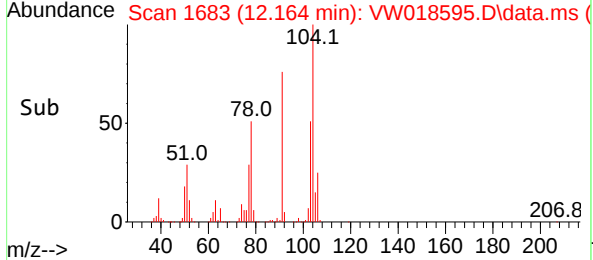
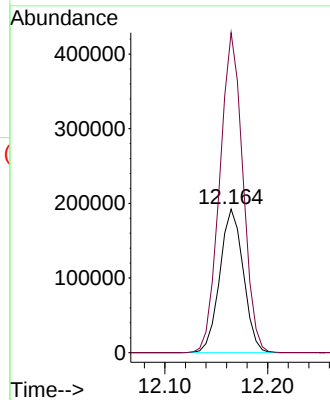
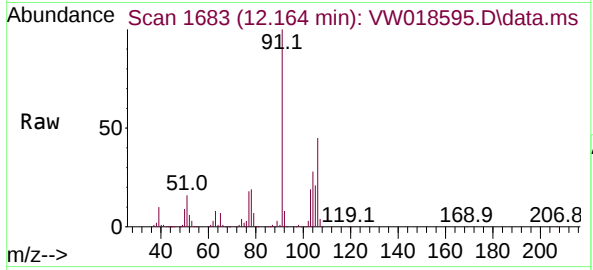




#55
o-xylene
Concen: 25.51 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

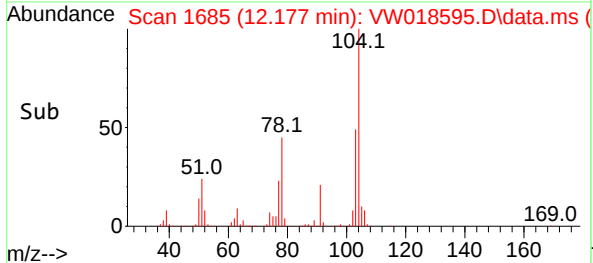
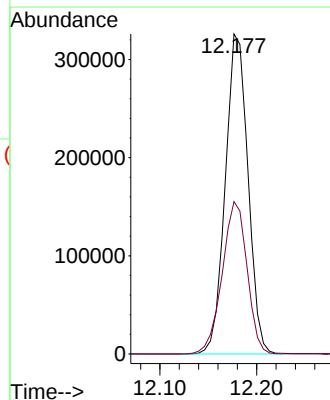
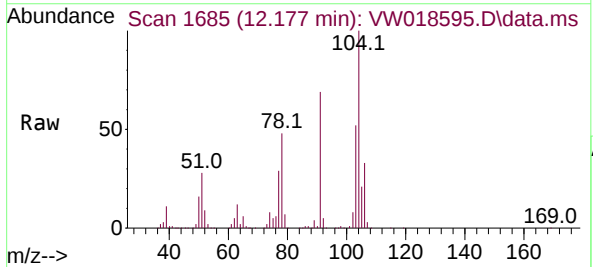
Instrument :
MSVOA_W
ClientSampled :

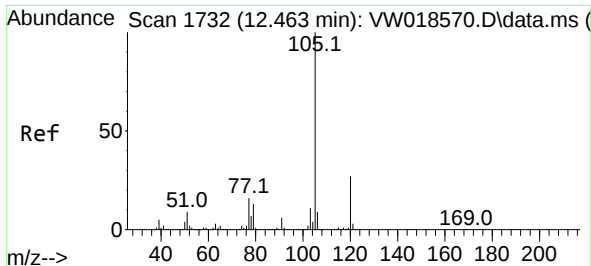
Tgt Ion:106 Resp: 305868
Ion Ratio Lower Upper
106 100
91 222.9 154.3 286.5



#56
Styrene
Concen: 25.92 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion:104 Resp: 530069
Ion Ratio Lower Upper
104 100
78 47.6 34.7 64.5

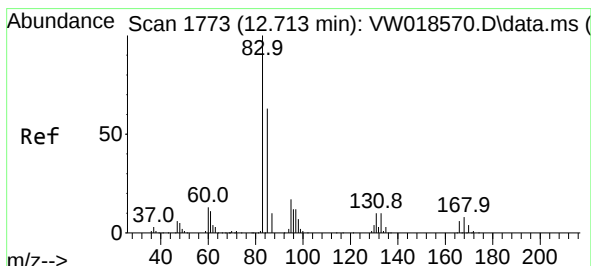
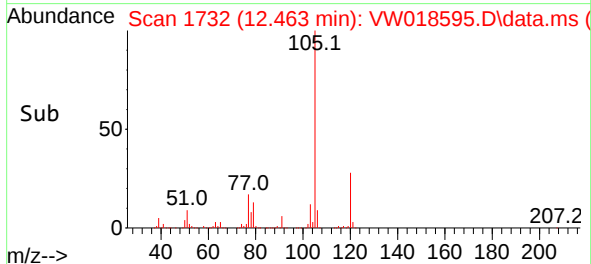
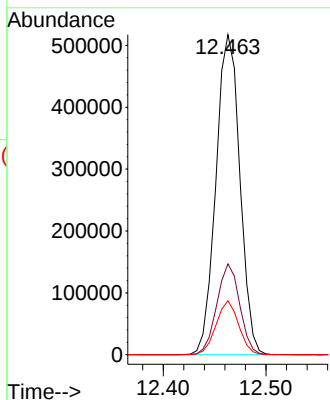
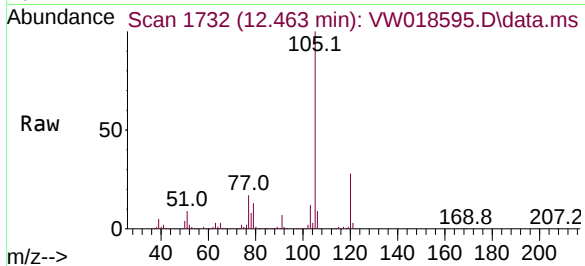




#57
Isopropylbenzene
Concen: 25.64 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

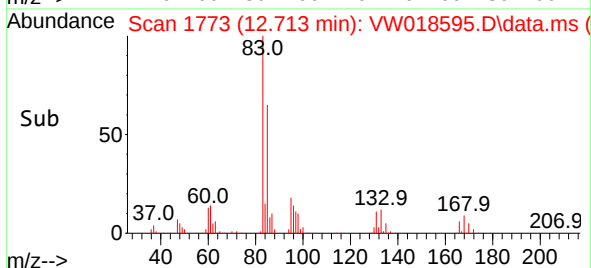
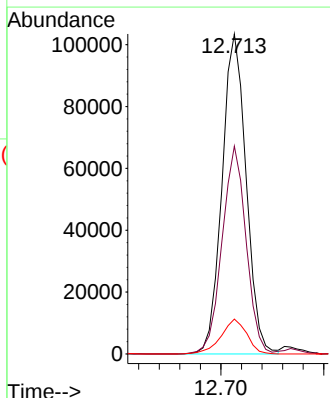
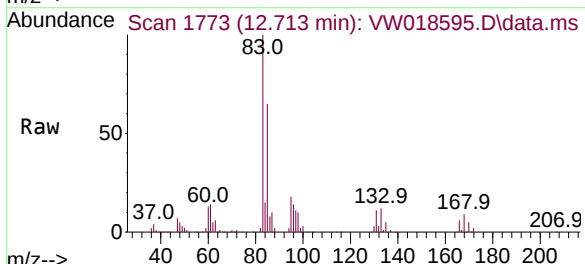
Instrument :
MSVOA_W
ClientSampled :

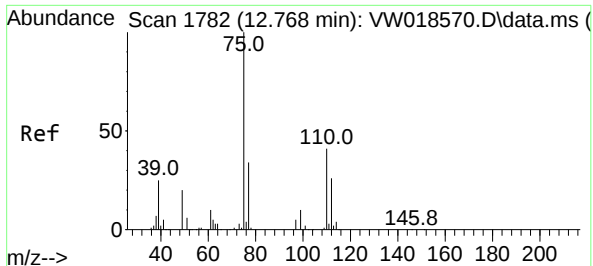
Tgt Ion:105 Resp: 836322
Ion Ratio Lower Upper
105 100
120 27.1 20.9 31.3
77 15.9 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 27.78 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion: 83 Resp: 168419
Ion Ratio Lower Upper
83 100
85 65.0 49.0 91.0
131 10.9 8.7 13.1

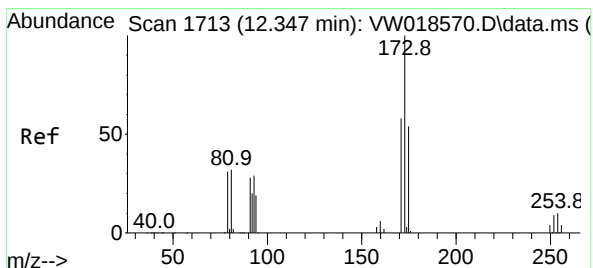
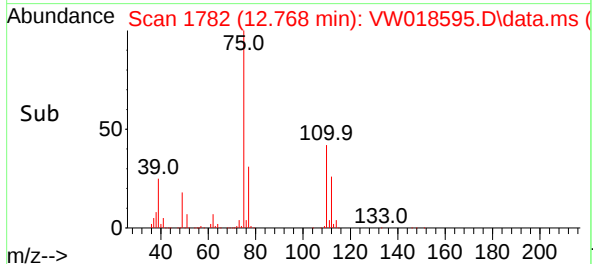
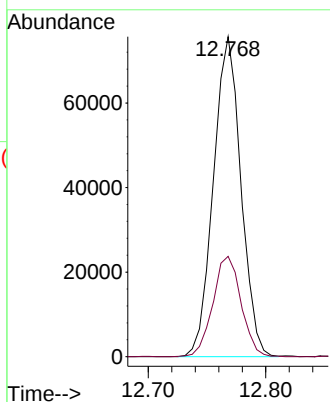
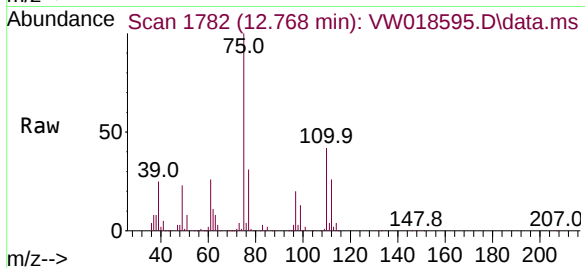




#59
1,2,3-Trichloropropane
Concen: 26.93 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

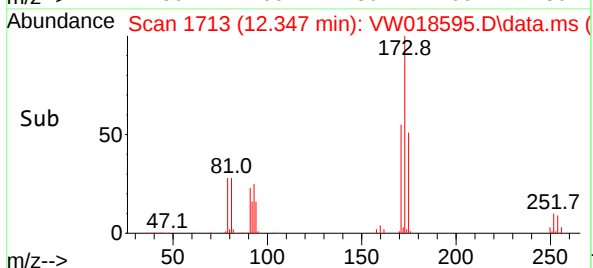
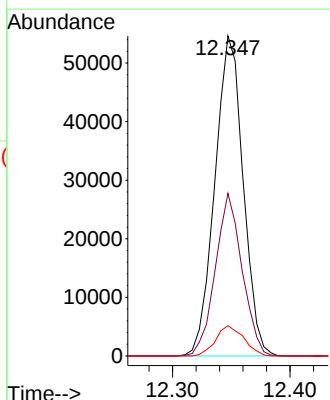
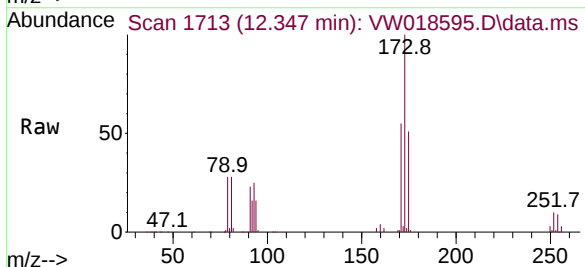
Instrument :
MSVOA_W
ClientSampleId :

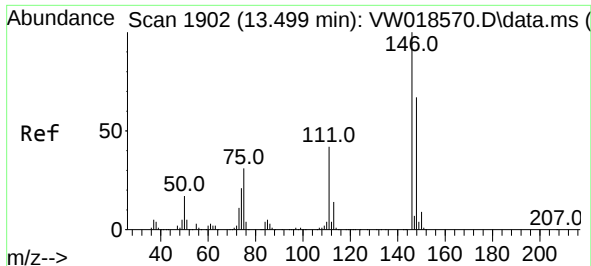
Tgt Ion: 75 Resp: 123284
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



#62
Bromoform
Concen: 25.54 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion:173 Resp: 91341
Ion Ratio Lower Upper
173 100
175 48.1 38.2 57.2
254 9.4 6.0 9.0#

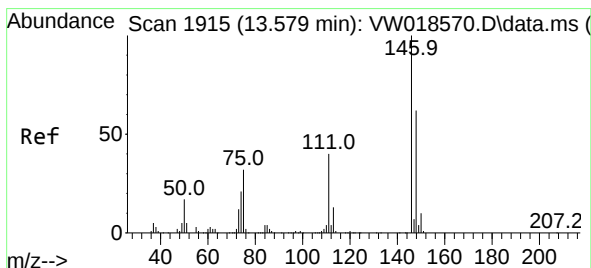
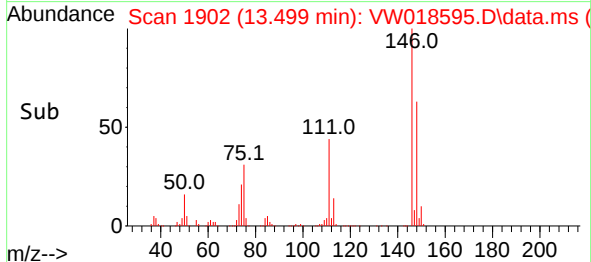
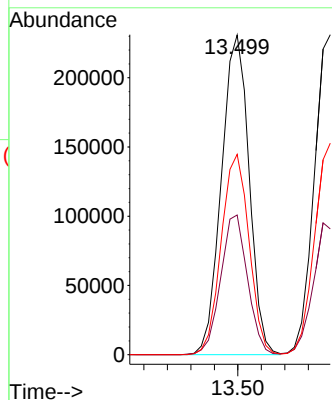
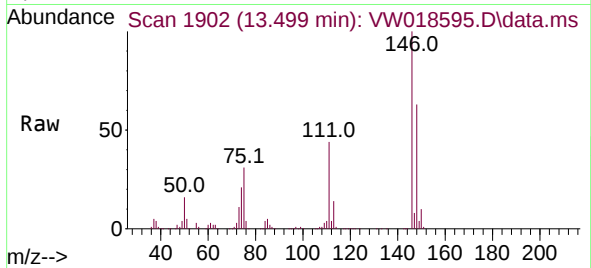




#63
1,3-Dichlorobenzene
Concen: 25.28 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

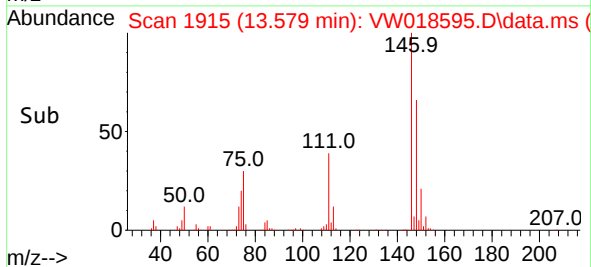
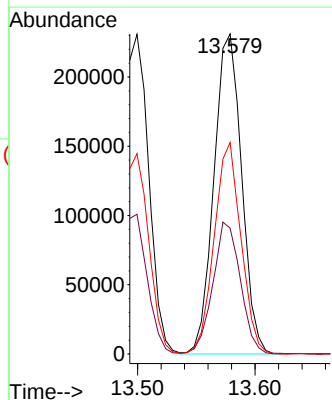
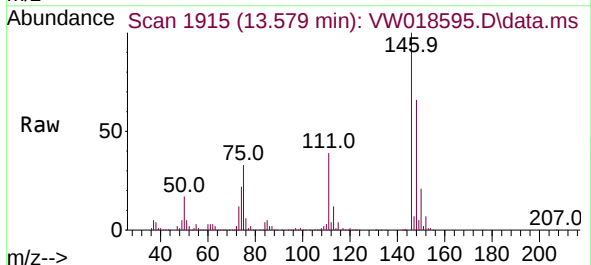
Instrument :
MSVOA_W
ClientSampled :

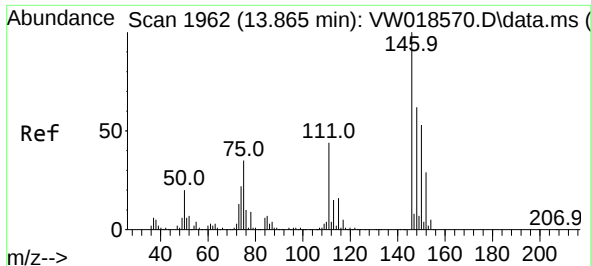
Tgt Ion:146 Resp: 377340
Ion Ratio Lower Upper
146 100
111 43.7 27.5 51.1
148 62.6 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.10 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

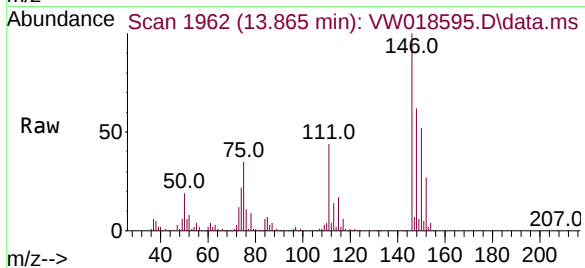
Tgt Ion:146 Resp: 378027
Ion Ratio Lower Upper
146 100
111 39.3 28.3 52.5
148 66.1 47.3 87.9



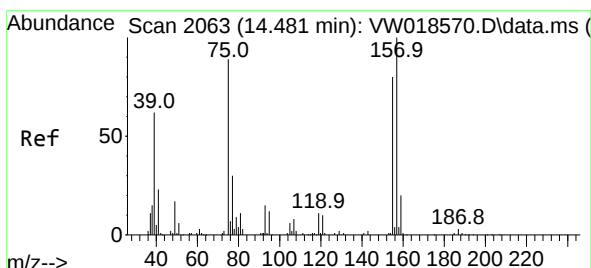
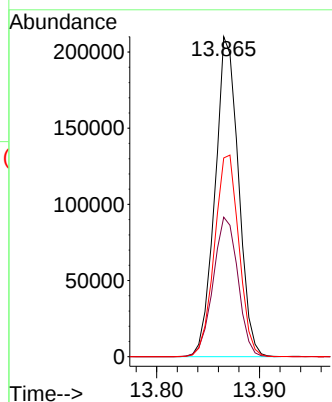
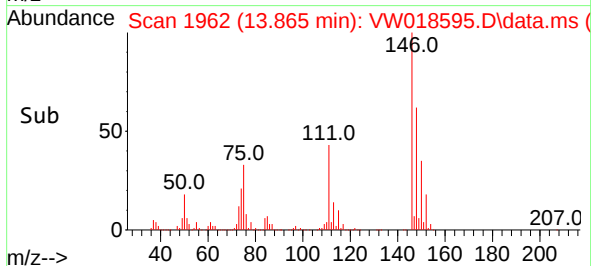


#65
1,2-Dichlorobenzene
Concen: 24.94 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

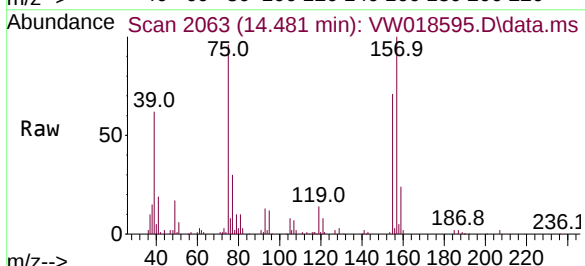
Instrument :
MSVOA_W
ClientSampled :



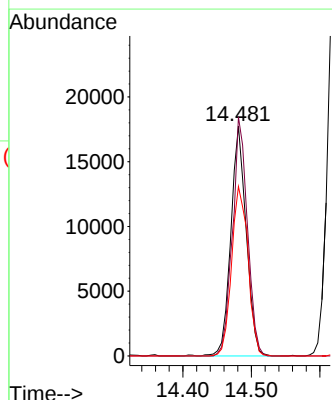
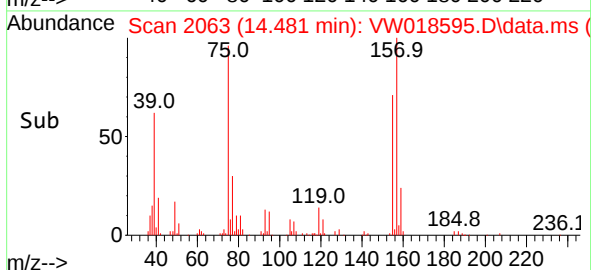
Tgt Ion:146 Resp: 332784
Ion Ratio Lower Upper
146 100
111 43.6 36.0 54.0
148 62.1 50.2 75.4

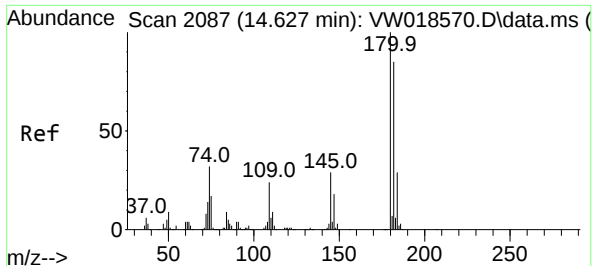


#66
1,2-Dibromo-3-chloropropane
Concen: 23.04 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09



Tgt Ion: 75 Resp: 27784
Ion Ratio Lower Upper
75 100
157 104.0 65.2 97.8#
155 73.6 60.1 90.1

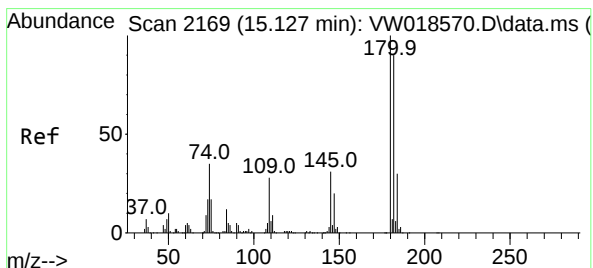
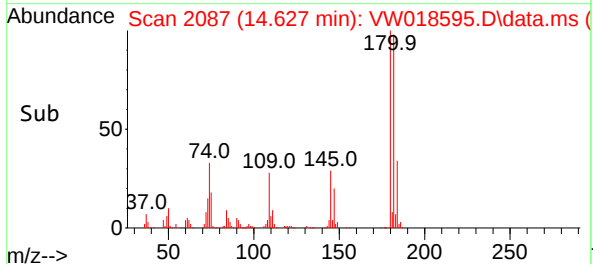
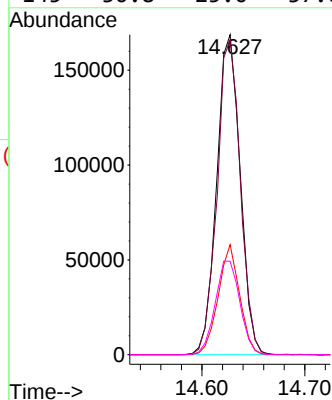
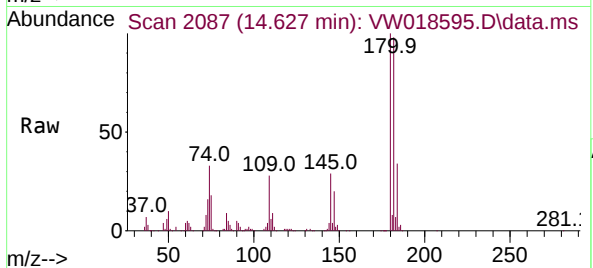




#67
1,3,5-Trichlorobenzene
Concen: 24.82 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

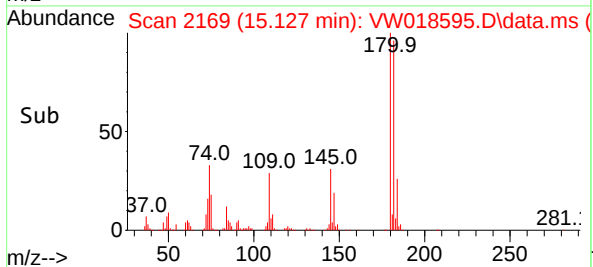
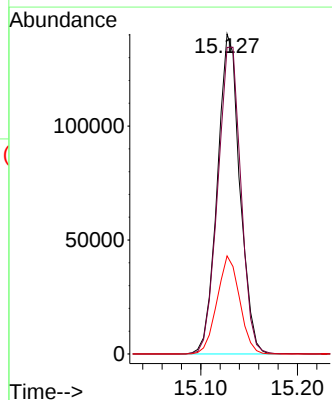
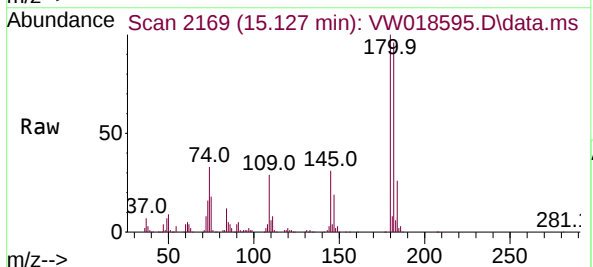
Instrument :
MSVOA_W
ClientSampleId :

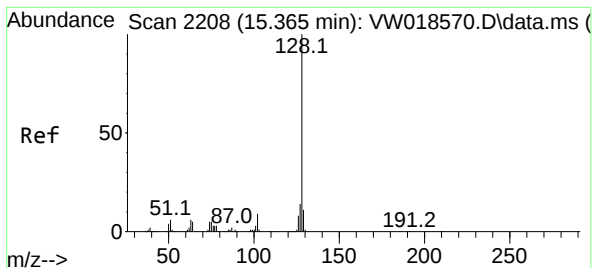
Tgt Ion:	180	Resp:	267257
Ion Ratio	Lower	Upper	
180	100		
182	97.4	71.8	107.8
184	31.4	23.5	35.3
145	30.8	25.0	37.6



#68
1,2,4-trichlorobenzene
Concen: 24.73 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion:	180	Resp:	226516
Ion Ratio	Lower	Upper	
180	100		
182	98.5	70.2	105.4
145	30.7	24.9	37.3

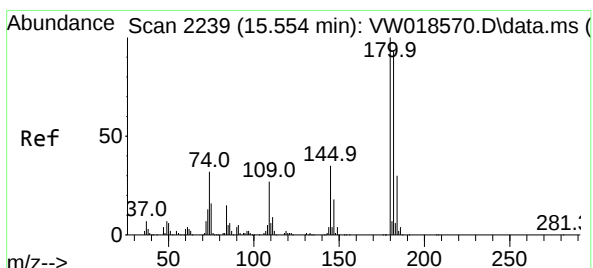
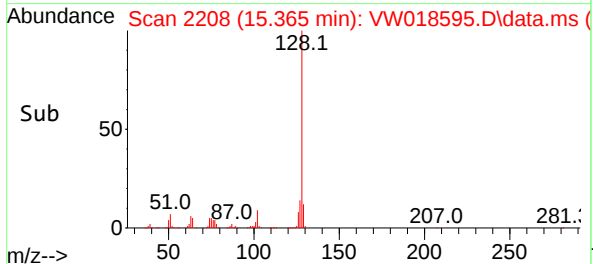
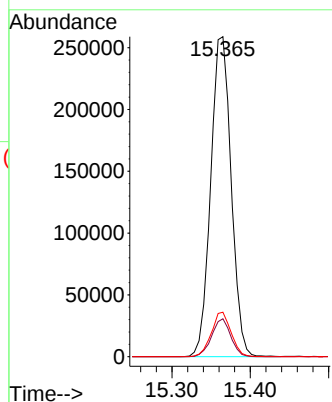
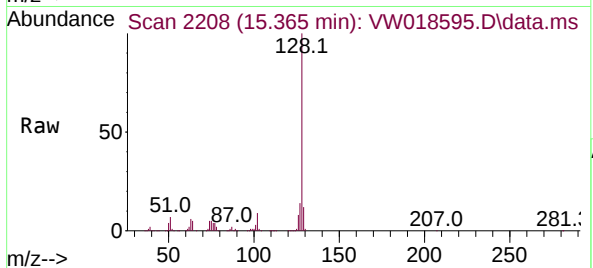




#69
Naphthalene
Concen: 24.63 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 469823
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.4 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.47 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018595.D
Acq: 08 Apr 2021 11:09

Tgt Ion:180 Resp: 195562
Ion Ratio Lower Upper
180 100
182 96.2 76.5 114.7
145 34.5 27.7 41.5

