

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020321\
 Data File : VW018027.D
 Acq On : 03 Feb 2021 13:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Feb 03 22:00:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 21:58:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	387639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	352674	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	185540	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117179	24.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.28%		
7) Chloroethane-d5	2.892	69	94144	24.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.48%		
10) 1,1-Dichloroethene-d2	4.025	63	242186	25.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	100.60%		
20) 2-Butanone-d5	7.074	46	60929	47.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.78%		
24) Chloroform-d	7.647	84	264632	26.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.04%		
26) 1,2-Dichloroethane-d4	8.305	65	136766	25.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.96%		
29) Benzene-d6	8.275	84	518136	26.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.04%		
33) 1,2-Dichloropropane-d6	9.268	67	143985	26.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.36%		
37) Toluene-d8	10.323	98	497991	27.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.12%		
38) trans-1,3-Dichloroprop...	10.579	79	66722	27.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	108.72%		
39) 2-Hexanone-d5	10.921	63	51424	49.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.32%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	120803	25.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	179727	27.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.60%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	125174	23.87	ug/L	99
3) Chloromethane	2.215	50	92485	23.94	ug/L	99
5) Vinyl chloride	2.367	62	137901	25.88	ug/L	99
6) Bromomethane	2.782	94	92817	24.49	ug/L	98
8) Chloroethane	2.928	64	79273	24.90	ug/L	98
9) Trichlorofluoromethane	3.263	101	83680	21.72	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	139694	25.38	ug/L	# 67
12) 1,1-Dichloroethene	4.044	96	134027	25.88	ug/L	96
13) Acetone	4.117	43	38796	40.79	ug/L	98
14) Carbon disulfide	4.391	76	392101	25.99	ug/L	99
15) Methyl Acetate	4.666	43	48663	23.06	ug/L	97
16) Methylene chloride	4.916	84	137753	22.17	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	146202	25.14	ug/L	97
18) trans-1,2-Dichloroethene	5.422	96	142788	25.79	ug/L	95
19) 1,1-Dichloroethane	6.214	63	227071	25.42	ug/L	96
21) 2-Butanone	7.165	43	64320	44.42	ug/L	94
22) cis-1,2-Dichloroethene	7.165	96	146460	25.51	ug/L	98
23) Bromochloromethane	7.513	128	69124	25.05	ug/L	95
25) Chloroform	7.671	83	247511	25.39	ug/L	100
27) 1,2-Dichloroethane	8.397	62	154216	24.37	ug/L	100

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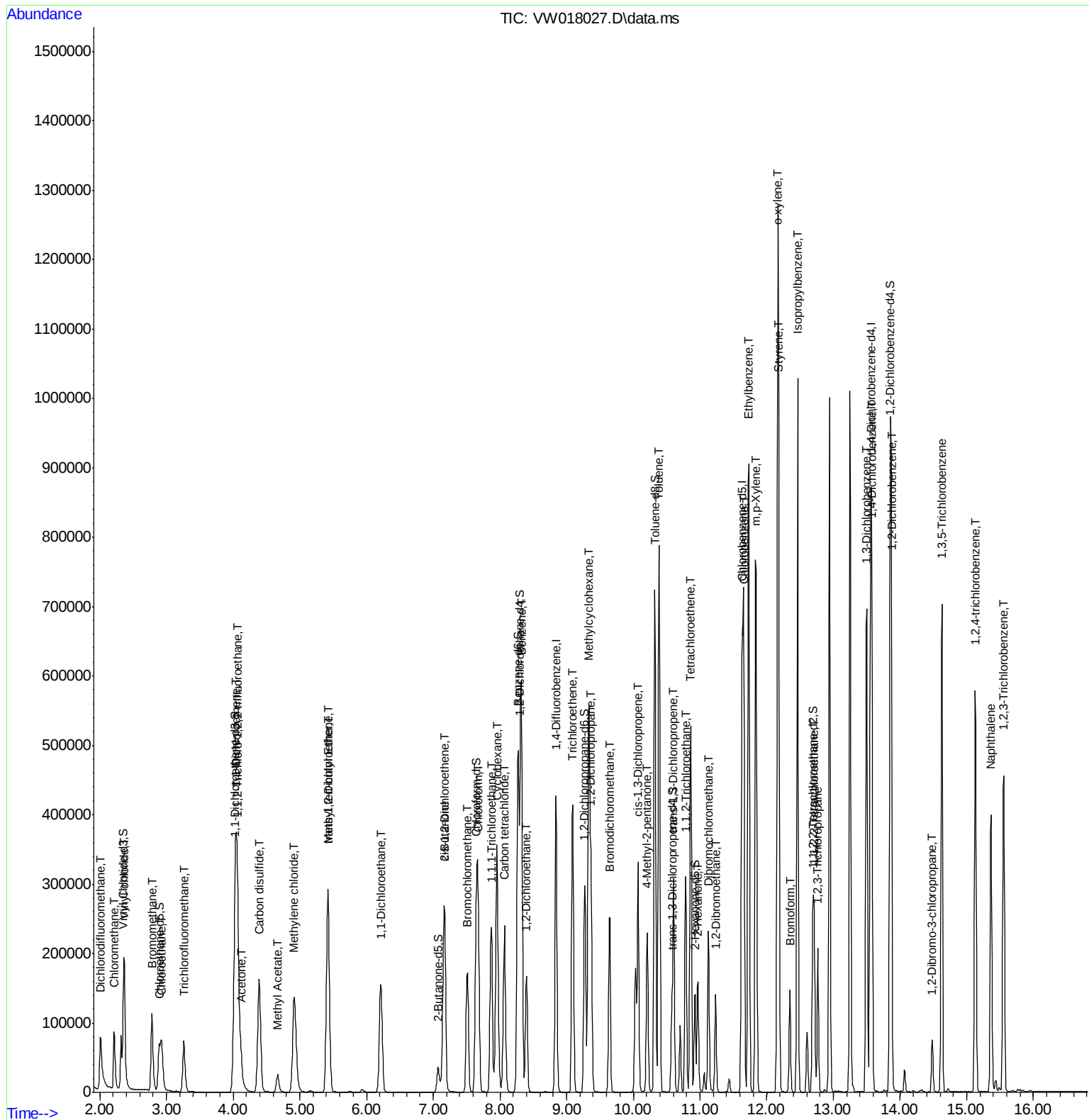
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.952	56	206244	25.57	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	201482	25.77	ug/L	98
32) Carbon tetrachloride	8.067	117	192734	25.45	ug/L	97
34) Benzene	8.323	78	528516	25.64	ug/L	100
35) Trichloroethene	9.092	95	146843	25.28	ug/L	99
36) Methylcyclohexane	9.335	83	247945	25.38	ug/L	97
40) 1,2-Dichloropropane	9.366	63	122796	25.96	ug/L	100
41) Bromodichloromethane	9.640	83	176123	26.00	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	199753	26.20	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	139846	47.55	ug/L	94
44) Toluene	10.384	91	595279	26.24	ug/L	99
45) trans-1,3-Dichloropropene	10.604	75	173781	26.19	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	101449	25.13	ug/L	96
47) Tetrachloroethene	10.860	164	126118	25.50	ug/L	98
49) 2-Hexanone	10.969	43	96818	47.37	ug/L	96
50) Dibromochloromethane	11.128	129	125561	25.96	ug/L	98
51) 1,2-Dibromoethane	11.231	107	99346	24.67	ug/L	96
52) Chlorobenzene	11.658	112	381984	25.56	ug/L	98
53) Ethylbenzene	11.731	91	659072	25.57	ug/L	96
54) m,p-Xylene	11.841	106	254907	25.93	ug/L	99
55) o-xylene	12.164	106	243439	26.11	ug/L	98
56) Styrene	12.183	104	422497	26.64	ug/L	94
57) Isopropylbenzene	12.463	105	674096	25.96	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	115901	24.27	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	84735	23.42	ug/L	99
62) Bromoform	12.347	173	71840	25.13	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	304818	25.77	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	302676	25.45	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	275868	25.87	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	18627	23.06	ug/L	95
67) 1,3,5-Trichlorobenzene	14.627	180	237729	26.17	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	189366	25.00	ug/L	93
69) Naphthalene	15.365	128	355105	24.10	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	164439	24.35	ug/L	97

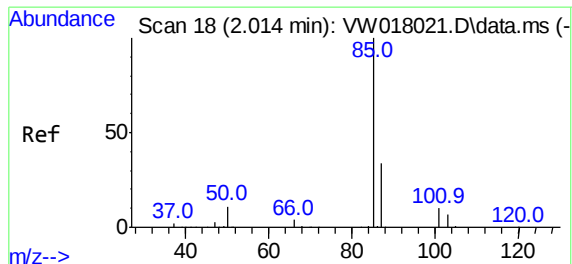
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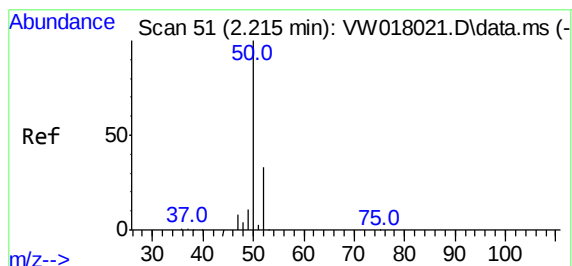
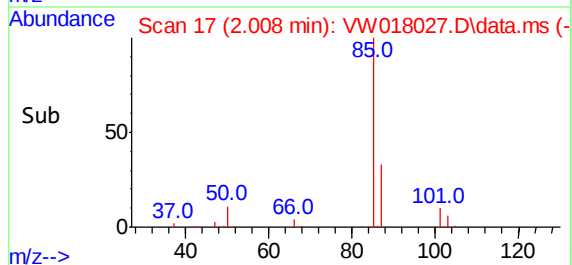
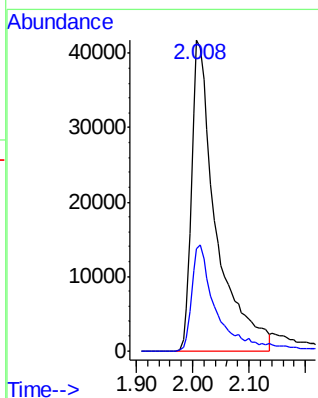
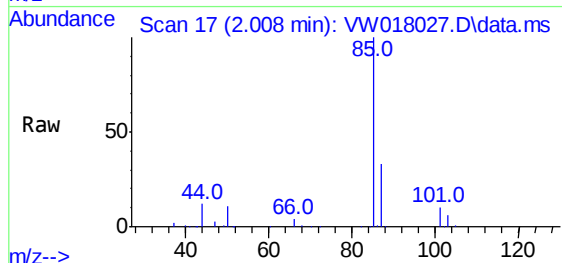




#2
Dichlorodifluoromethane
Concen: 23.87 ug/L
RT: 2.008 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

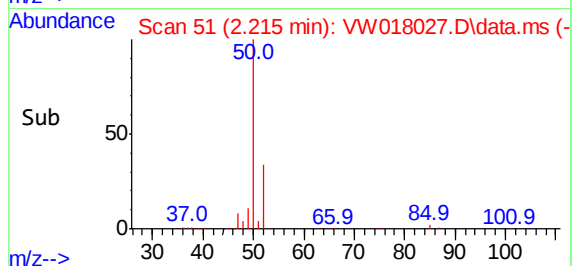
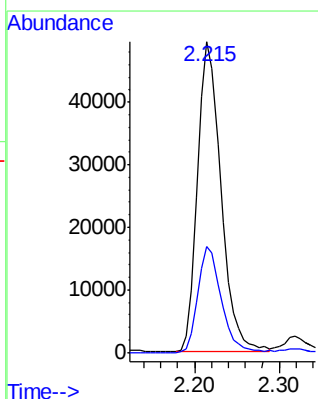
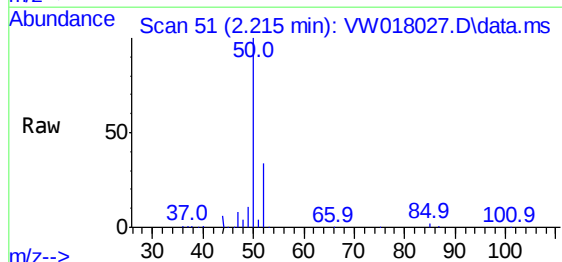
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

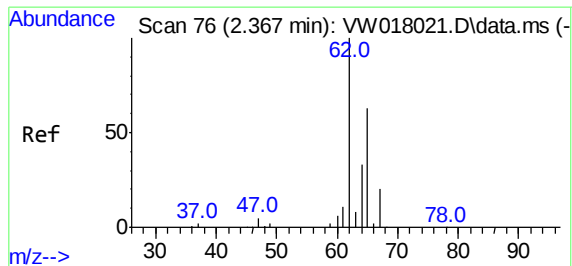
Tgt Ion: 85 Resp: 125174
Ion Ratio Lower Upper
85 100
87 33.7 23.2 43.0



#3
Chloromethane
Concen: 23.94 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 50 Resp: 92485
Ion Ratio Lower Upper
50 100
52 34.2 23.4 43.6



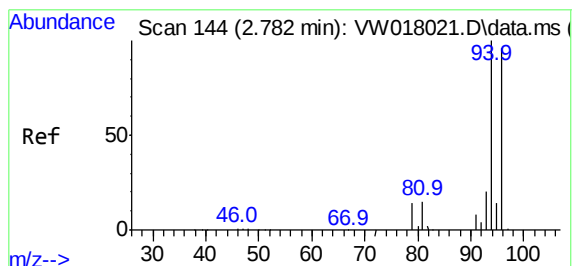
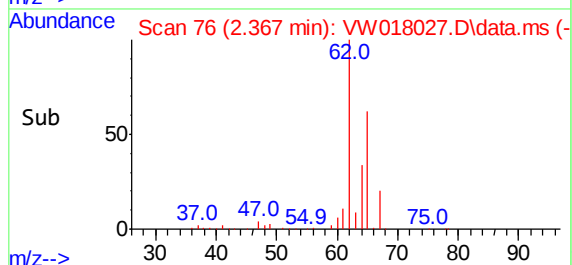
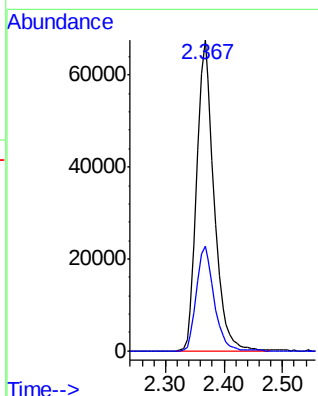
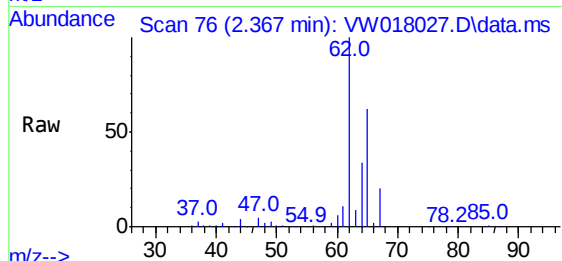


#5
 Vinyl chloride
 Concen: 25.88 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018027.D
 Acq: 03 Feb 2021 13:15

Instrument :
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Tgt Ion: 62 Resp: 137901

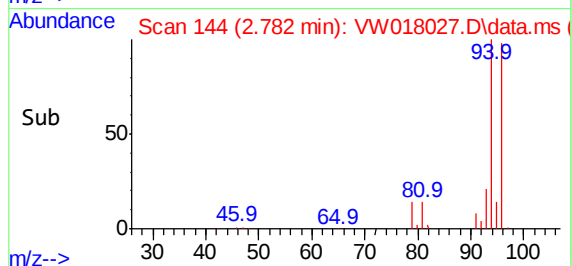
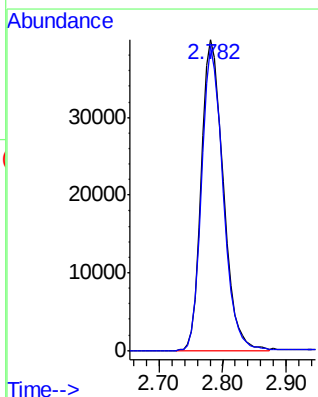
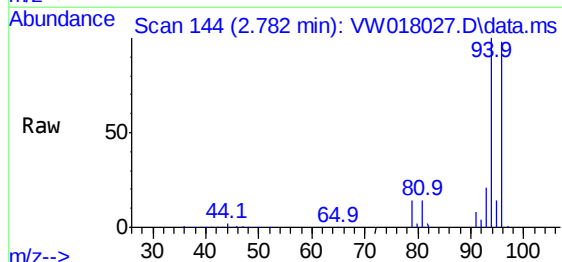
Ion	Ratio	Lower	Upper
62	100		
64	33.6	23.9	44.5

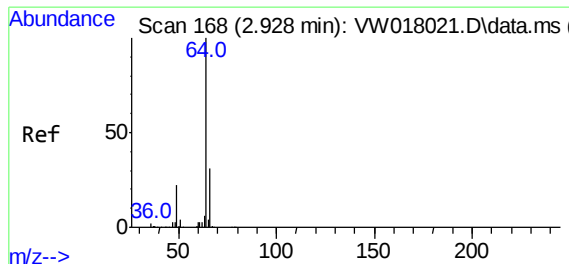


#6
 Bromomethane
 Concen: 24.49 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018027.D
 Acq: 03 Feb 2021 13:15

Tgt Ion: 94 Resp: 92817

Ion	Ratio	Lower	Upper
94	100		
96	95.2	9.4	178.0

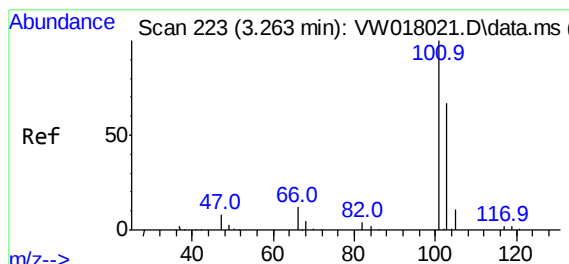
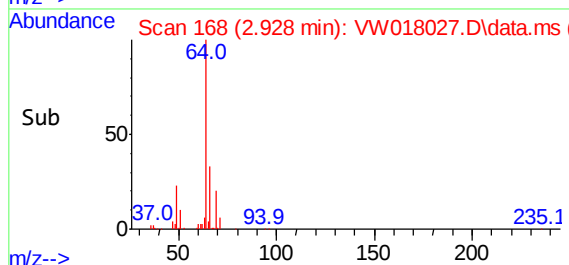
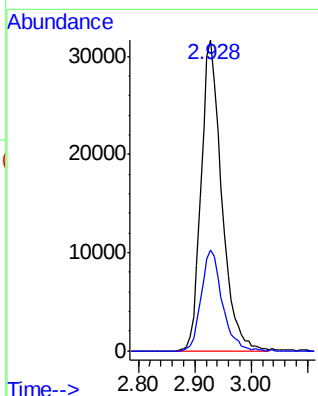
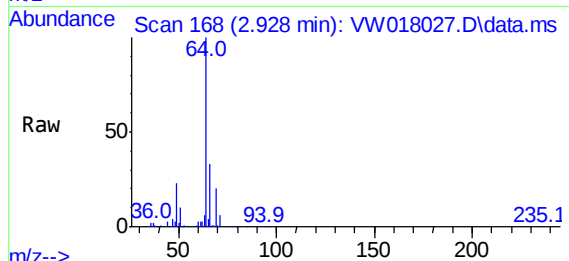




#8
Chloroethane
Concen: 24.90 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

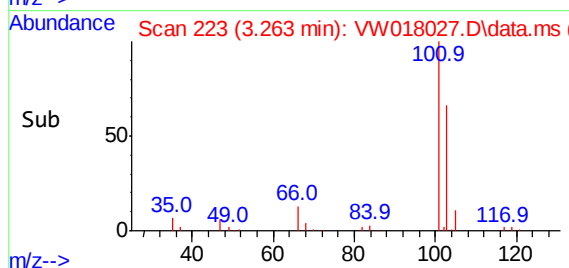
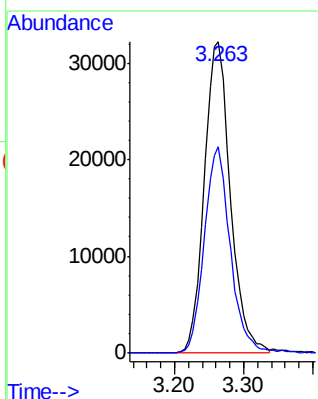
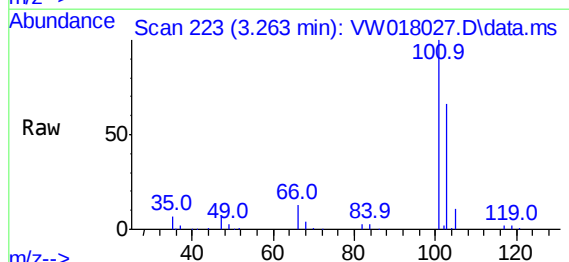
Instrument :
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VSTD02510

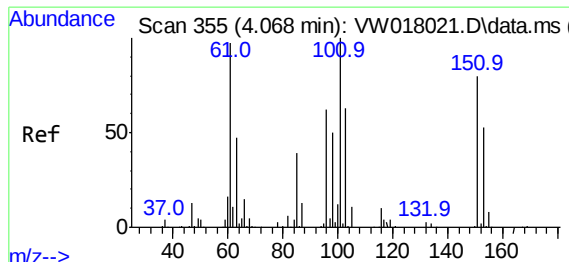
Tgt Ion: 64 Resp: 79273
Ion Ratio Lower Upper
64 100
66 32.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 21.72 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 101 Resp: 83680
Ion Ratio Lower Upper
101 100
103 65.7 45.0 83.6



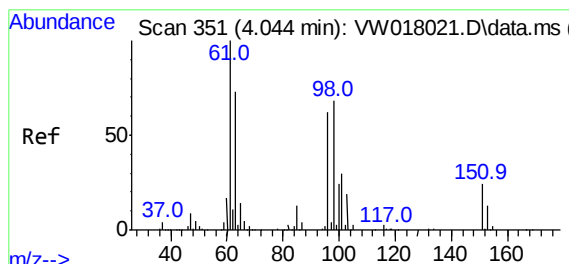
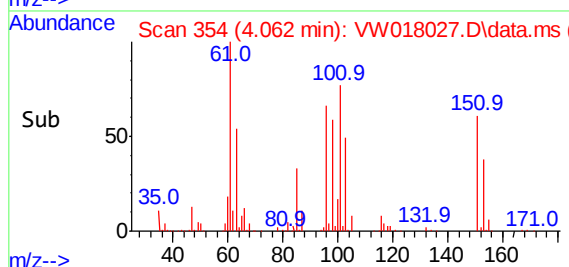
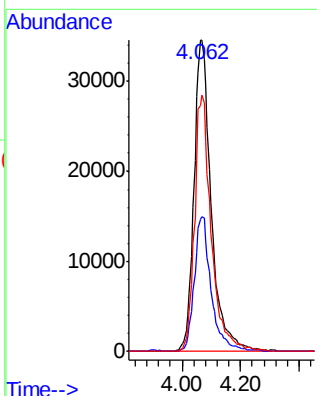
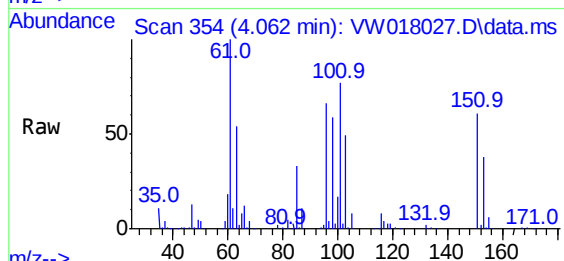


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.38 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW018027.D
 Acq: 03 Feb 2021 13:15

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Tgt Ion:101 Resp: 139694

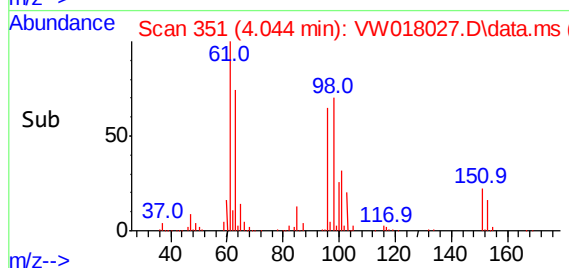
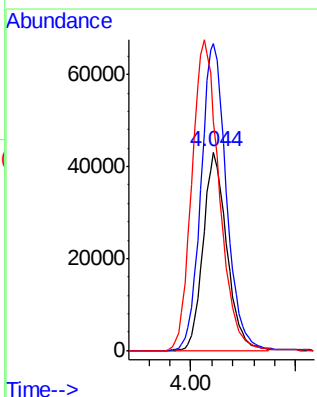
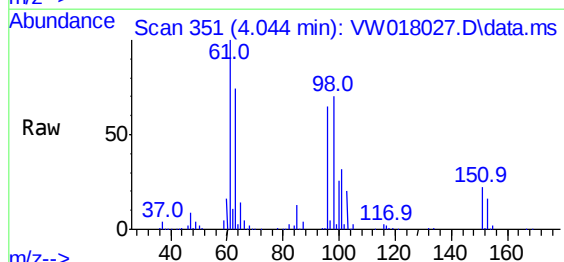
Ion	Ratio	Lower	Upper
101	100		
85	41.2	34.2	51.4
151	78.5	30.4	45.6

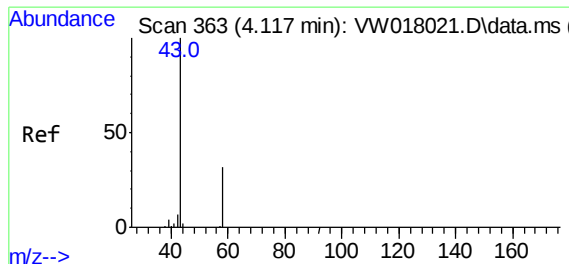


#12
 1,1-Dichloroethene
 Concen: 25.88 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW018027.D
 Acq: 03 Feb 2021 13:15

Tgt Ion: 96 Resp: 134027

Ion	Ratio	Lower	Upper
96	100		
61	154.7	112.5	208.9
63	115.1	83.1	154.3

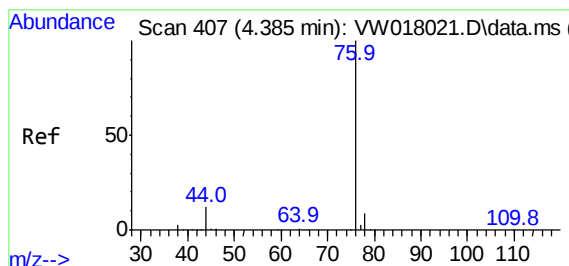
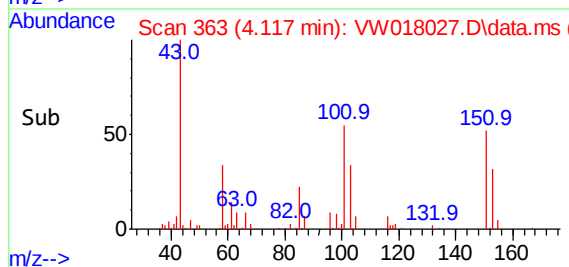
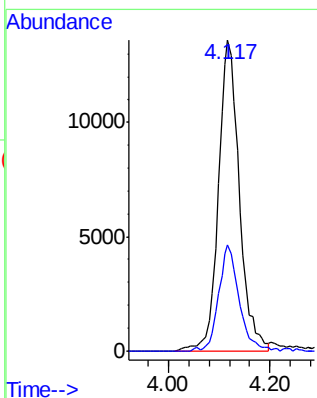
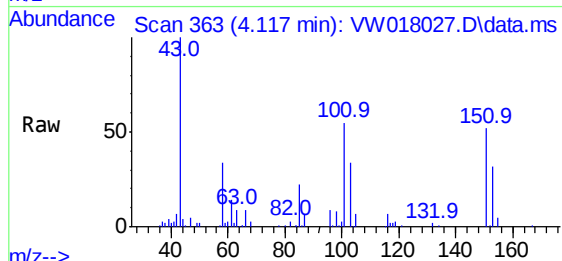




#13
Acetone
Concen: 40.79 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
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Acq: 03 Feb 2021 13:15

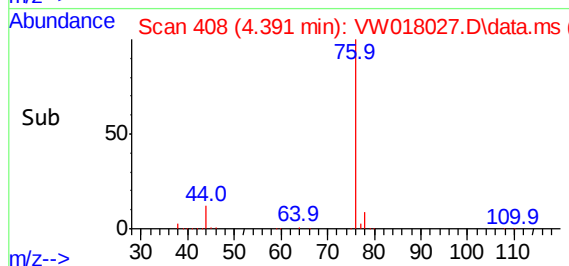
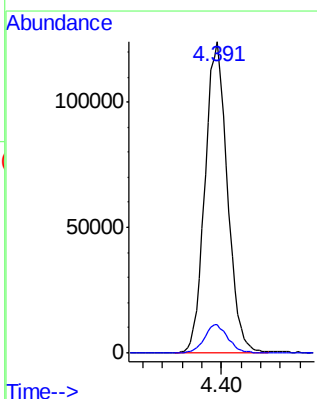
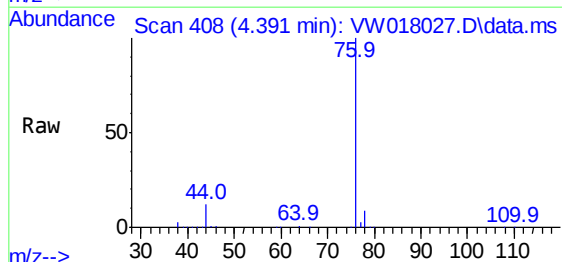
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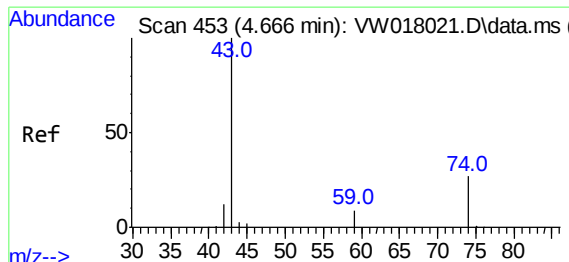
Tgt Ion: 43 Resp: 38796
Ion Ratio Lower Upper
43 100
58 32.8 0.0 68.4



#14
Carbon disulfide
Concen: 25.99 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 76 Resp: 392101
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

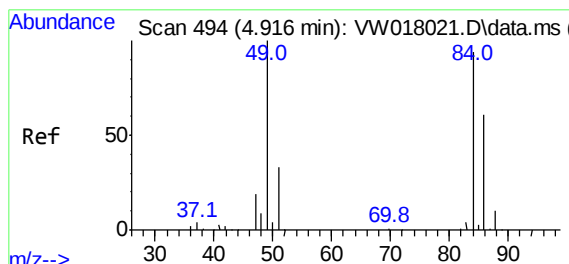
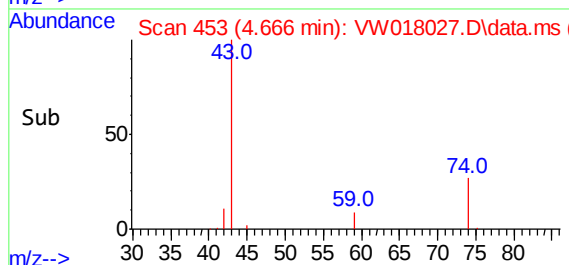
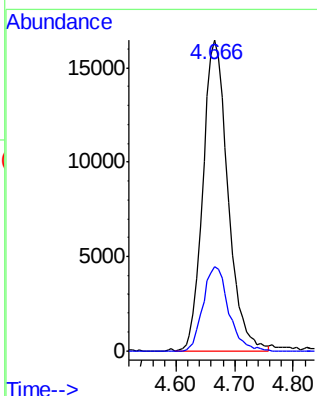
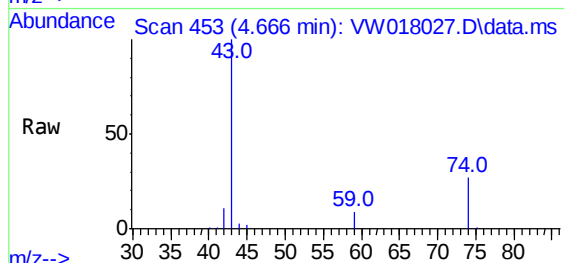




#15
Methyl Acetate
Concen: 23.06 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

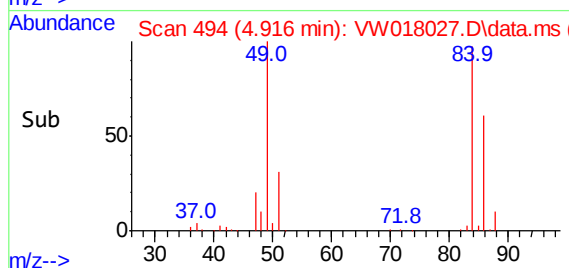
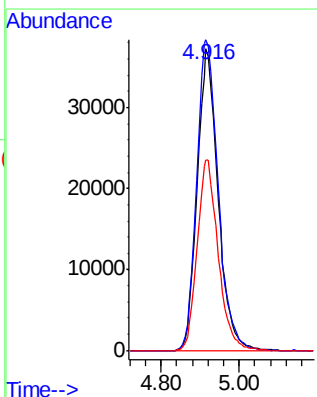
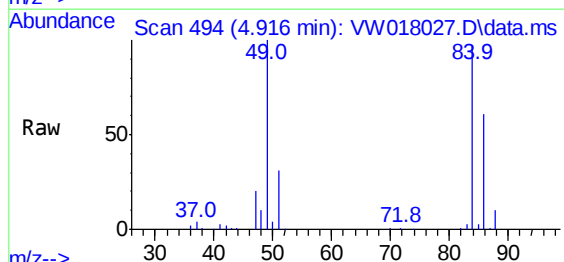
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

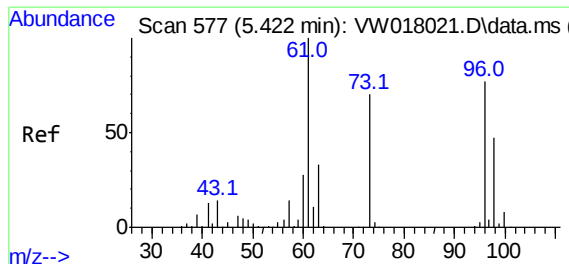
Tgt Ion: 43 Resp: 48663
Ion Ratio Lower Upper
43 100
74 27.3 20.7 31.1



#16
Methylene chloride
Concen: 22.17 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 84 Resp: 137753
Ion Ratio Lower Upper
84 100
49 102.8 81.2 150.8
86 63.2 44.5 82.7



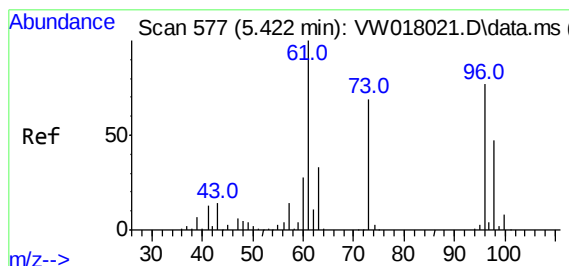
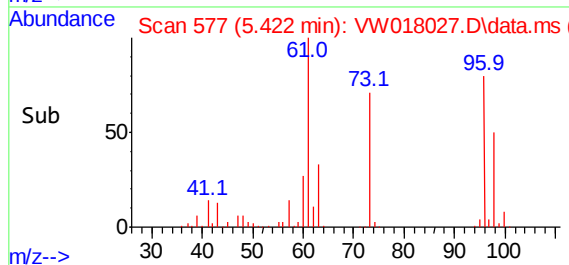
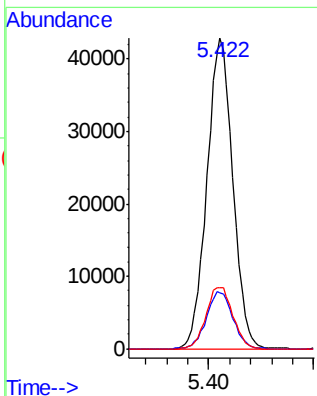
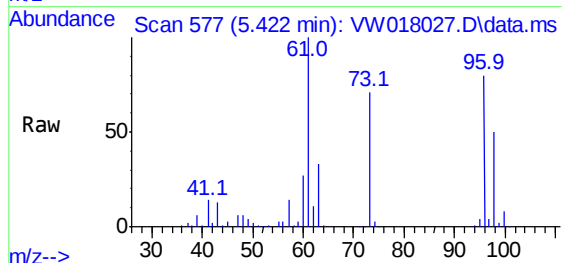


#17
Methyl tert-butyl Ether
Concen: 25.14 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

Tgt Ion: 73 Resp: 146202

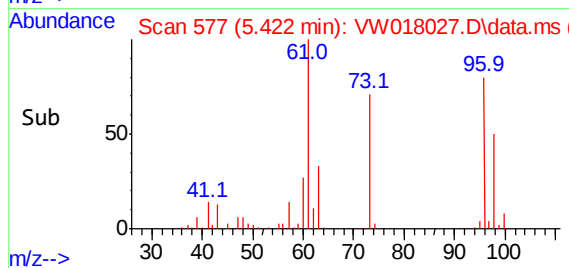
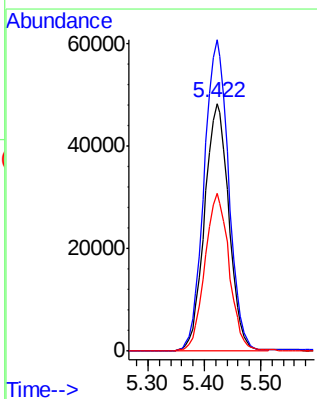
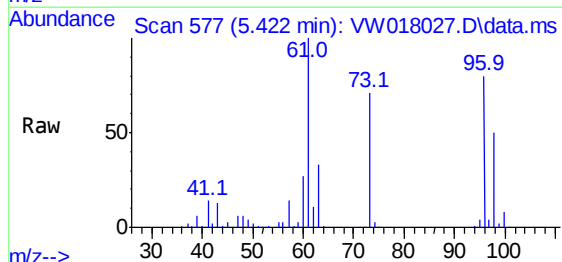
Ion	Ratio	Lower	Upper
73	100		
43	18.8	16.2	24.4
57	20.6	17.2	25.8

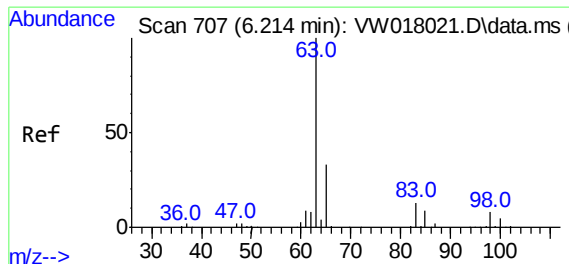


#18
trans-1,2-Dichloroethene
Concen: 25.79 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 96 Resp: 142788

Ion	Ratio	Lower	Upper
96	100		
61	125.7	92.7	172.1
98	63.4	43.3	80.3

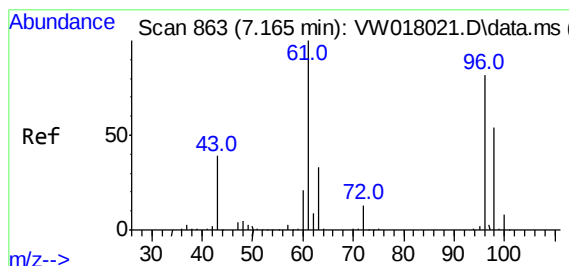
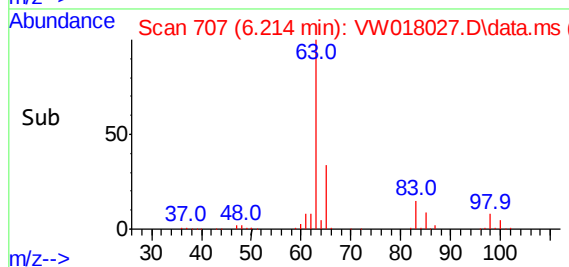
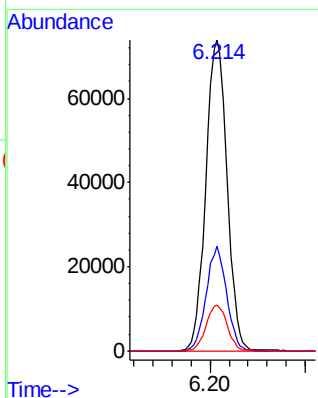
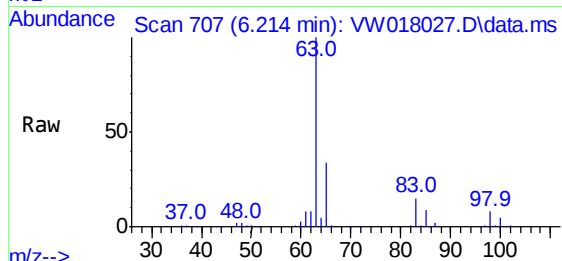




#19
1,1-Dichloroethane
Concen: 25.42 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

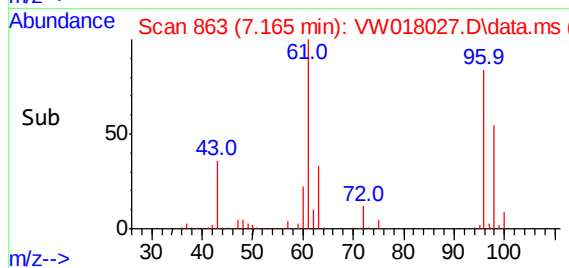
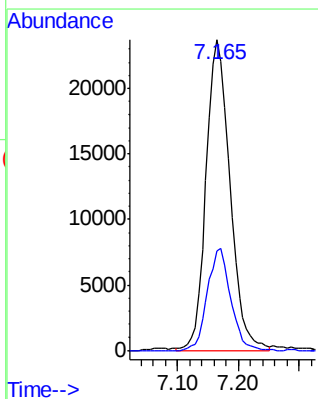
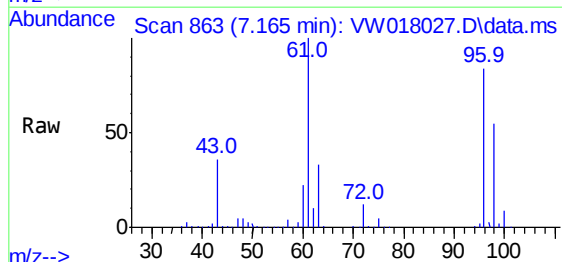
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

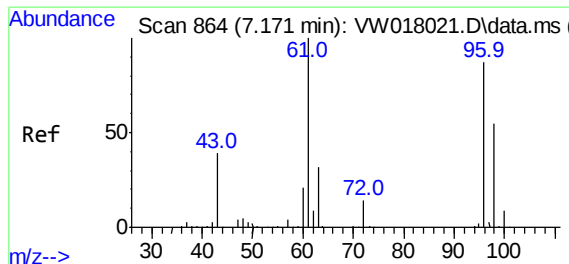
Tgt Ion: 63 Resp: 227071
Ion Ratio Lower Upper
63 100
65 33.8 21.9 40.7
83 14.6 9.4 17.6



#21
2-Butanone
Concen: 44.42 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 43 Resp: 64320
Ion Ratio Lower Upper
43 100
72 31.9 14.4 43.2

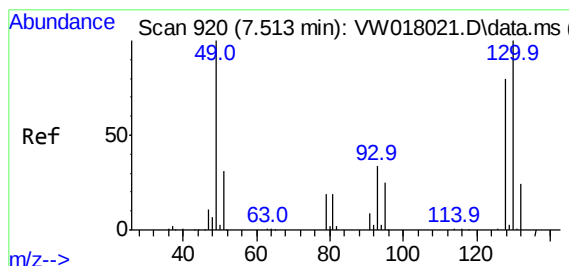
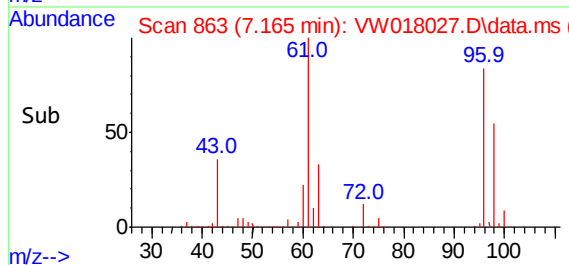
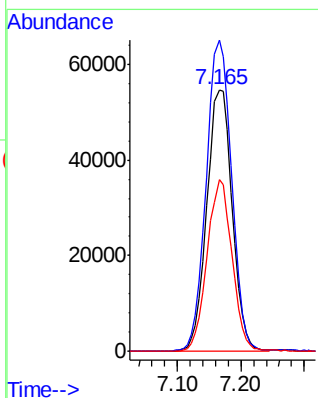
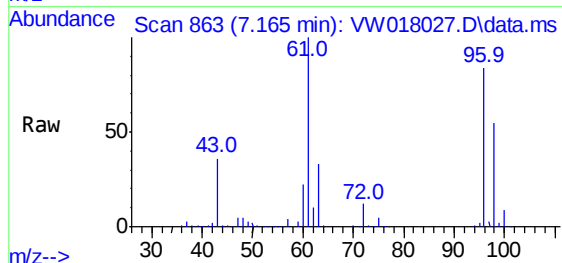




#22
 cis-1,2-Dichloroethene
 Concen: 25.51 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW018027.D
 Acq: 03 Feb 2021 13:15

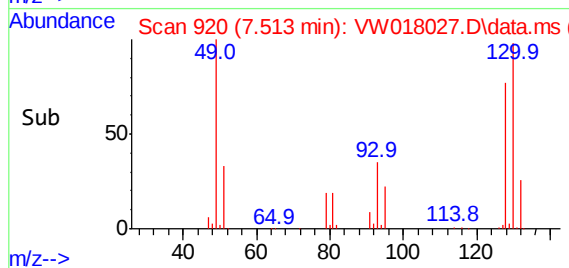
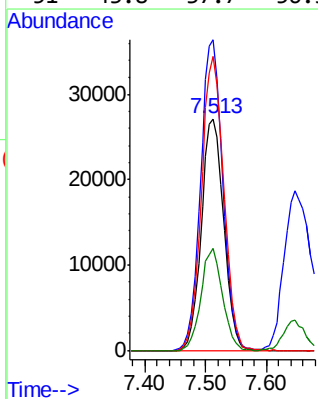
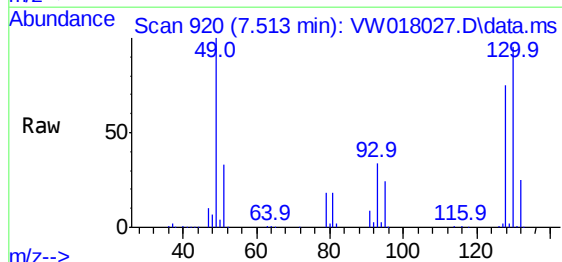
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

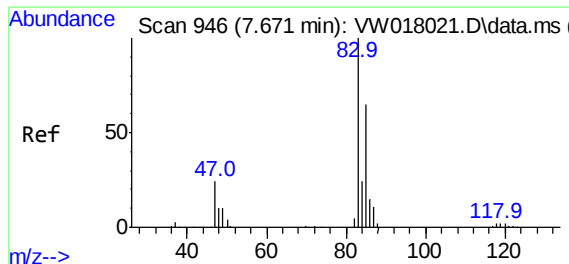
Tgt Ion: 96 Resp: 146460
 Ion Ratio Lower Upper
 96 100
 61 119.1 84.6 157.2
 98 65.6 44.7 82.9



#23
 Bromochloromethane
 Concen: 25.05 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW018027.D
 Acq: 03 Feb 2021 13:15

Tgt Ion:128 Resp: 69124
 Ion Ratio Lower Upper
 128 100
 49 134.1 101.6 188.6
 130 127.2 90.4 167.8
 51 43.8 37.7 56.5

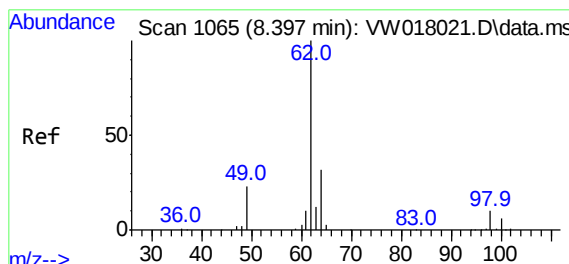
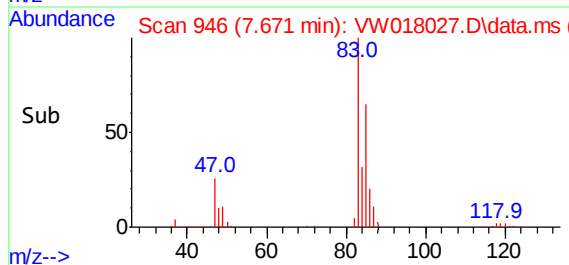
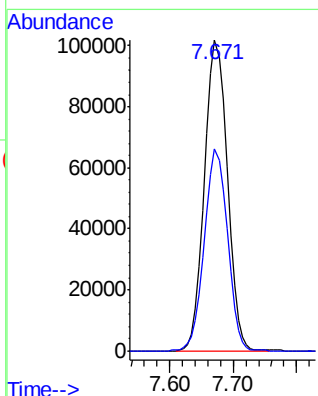
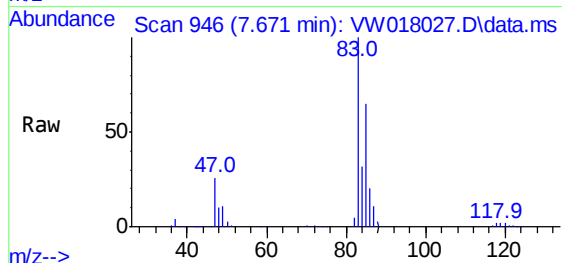




#25
Chloroform
Concen: 25.39 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

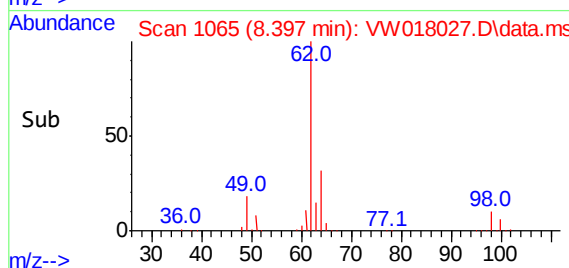
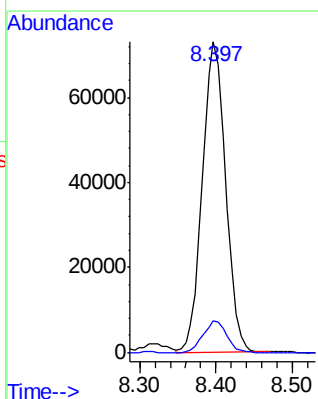
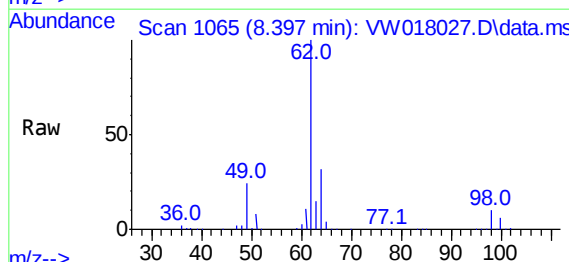
Instrument :
MSVOA_W
ClientSampled :
VSTD02510

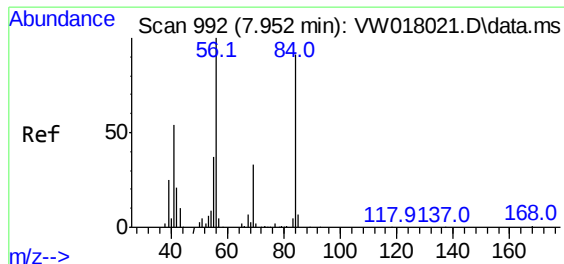
Tgt Ion: 83 Resp: 247511
Ion Ratio Lower Upper
83 100
85 65.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 24.37 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 62 Resp: 154216
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0



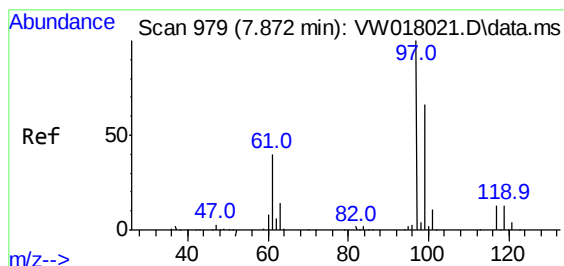
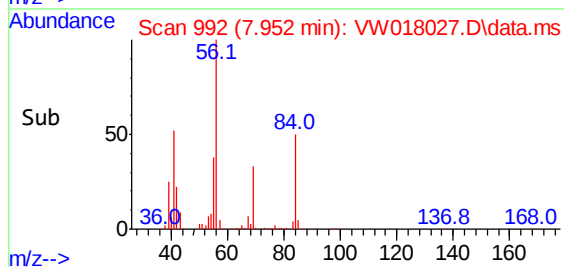
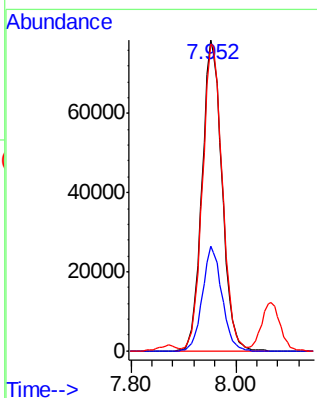
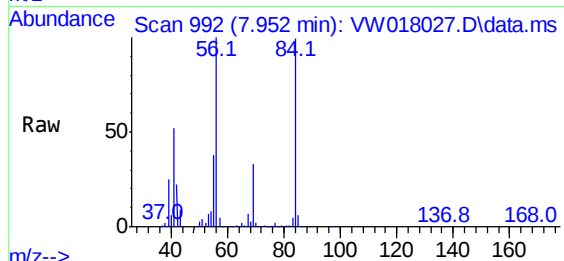


#30
Cyclohexane
Concen: 25.57 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

Tgt Ion: 56 Resp: 206244

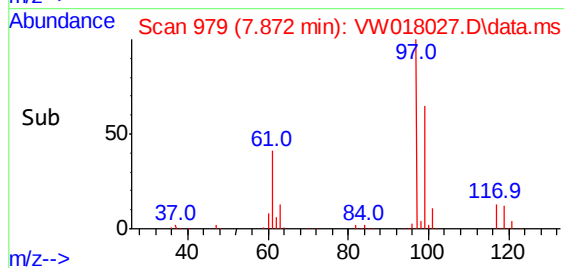
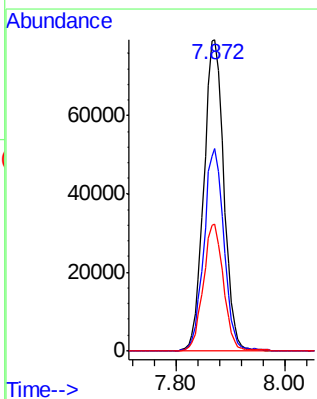
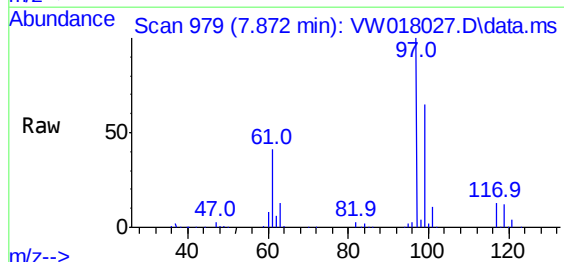
Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.8	37.2
84	98.9	74.2	111.4

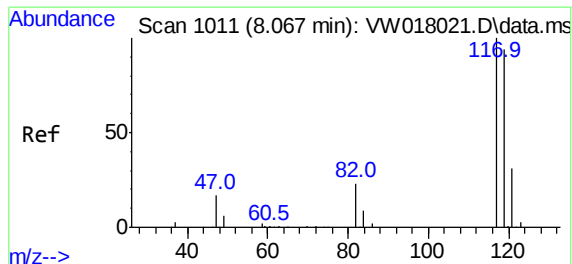


#31
1,1,1-Trichloroethane
Concen: 25.77 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 97 Resp: 201482

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	40.6	33.6	50.4

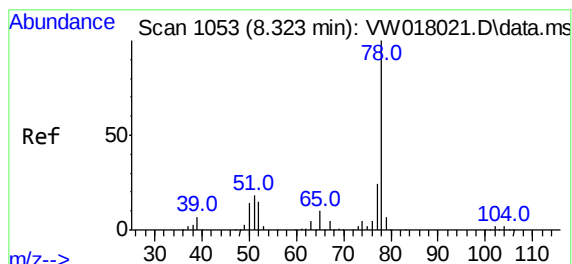
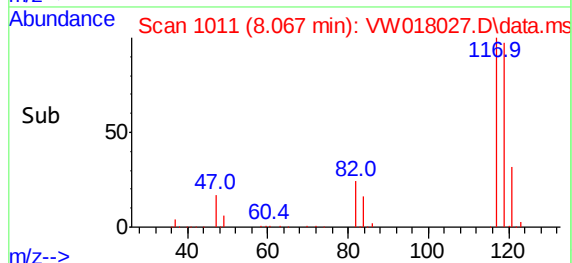
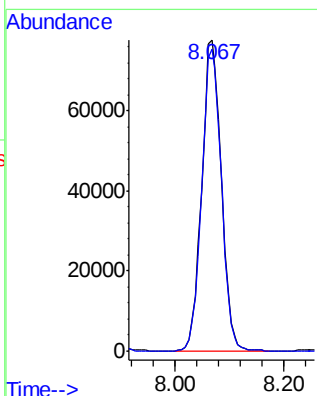
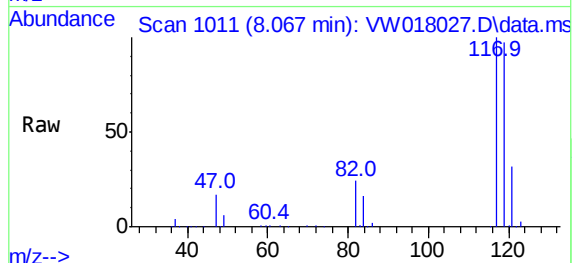




#32
Carbon tetrachloride
Concen: 25.45 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

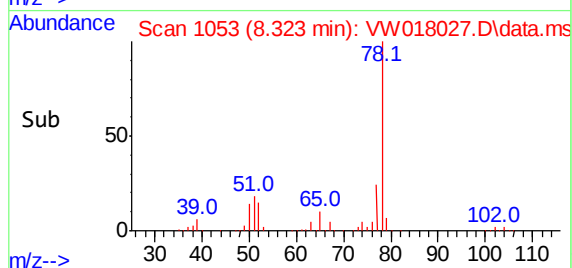
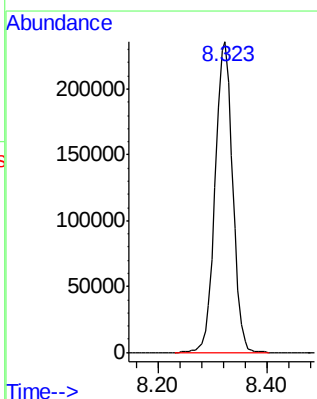
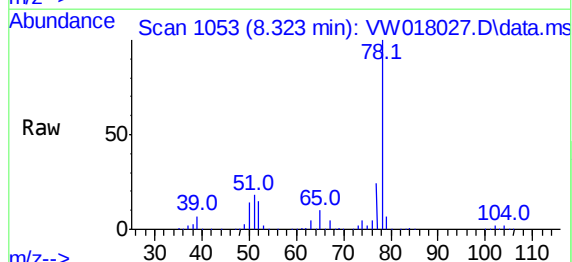
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

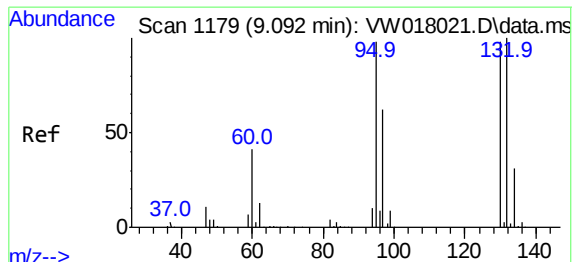
Tgt Ion:117 Resp: 192734
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8



#34
Benzene
Concen: 25.64 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

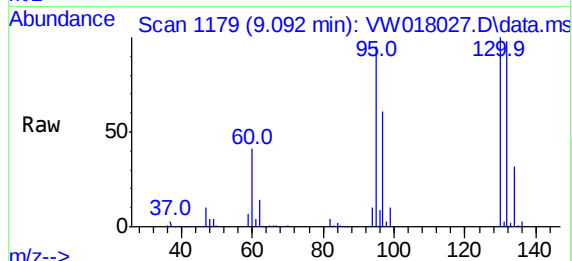
Tgt Ion: 78 Resp: 528516





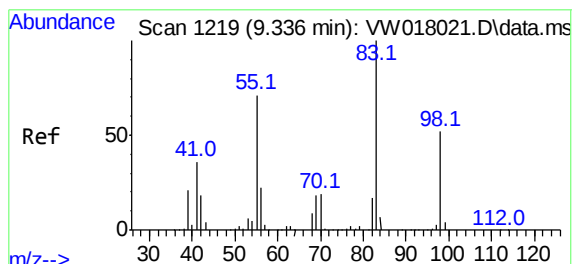
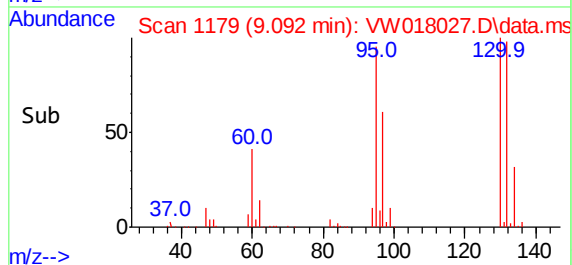
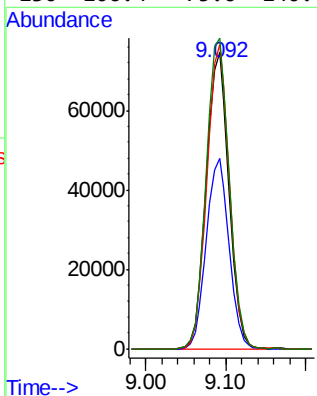
#35
Trichloroethene
Concen: 25.28 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510



Tgt Ion: 95 Resp: 146843

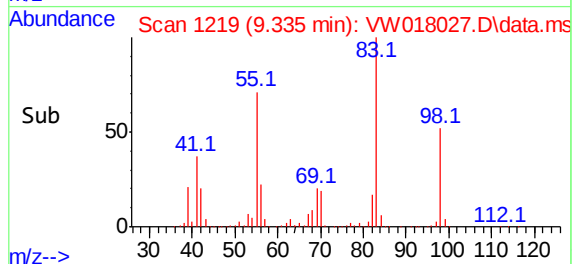
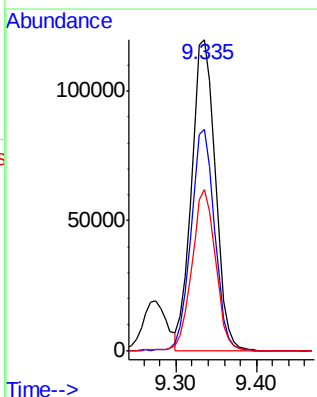
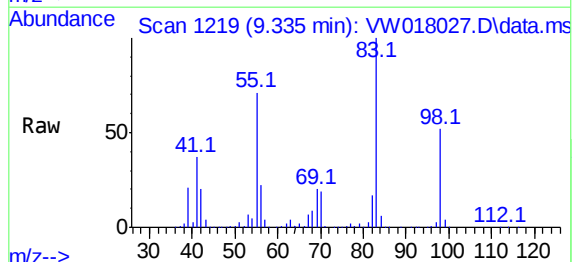
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.0	83.6
132	101.9	71.0	131.8
130	106.4	75.6	140.4

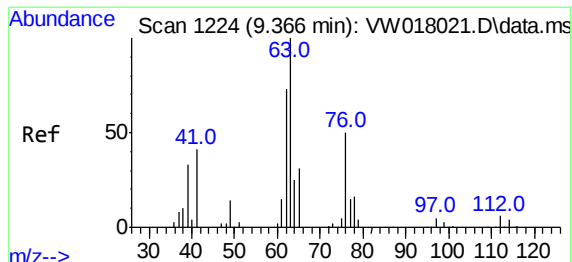


#36
Methylcyclohexane
Concen: 25.38 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 83 Resp: 247945

Ion	Ratio	Lower	Upper
83	100		
55	70.5	59.4	89.0
98	51.3	40.7	61.1

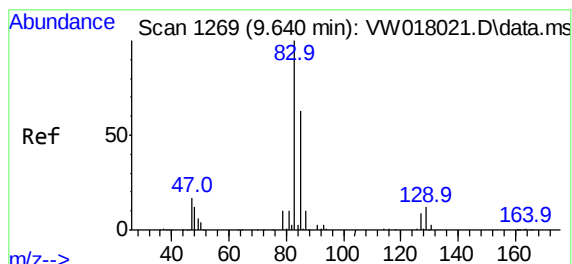
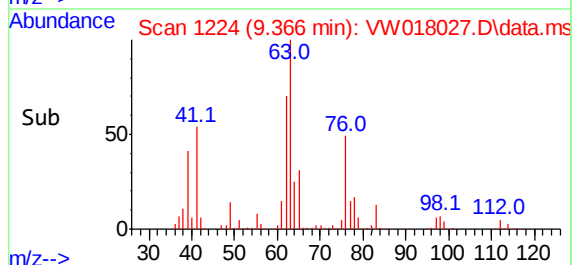
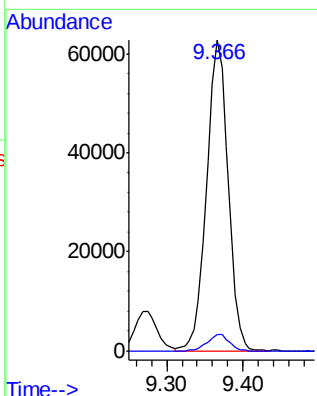
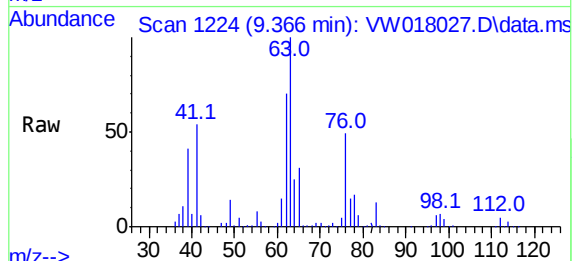




#40
1,2-Dichloropropane
Concen: 25.96 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

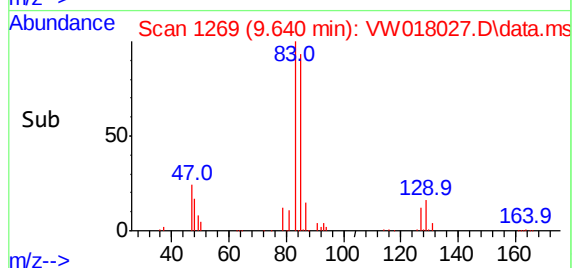
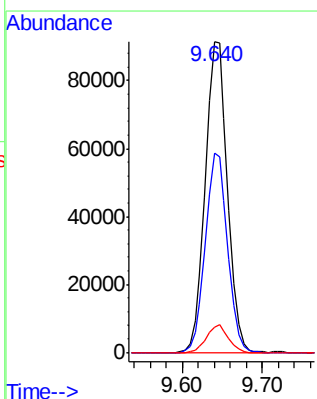
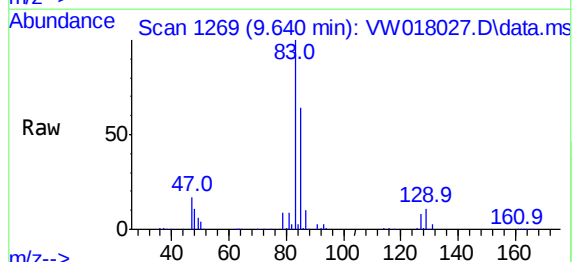
Instrument :
MSVOA_W
ClientSampled :
VSTD02510

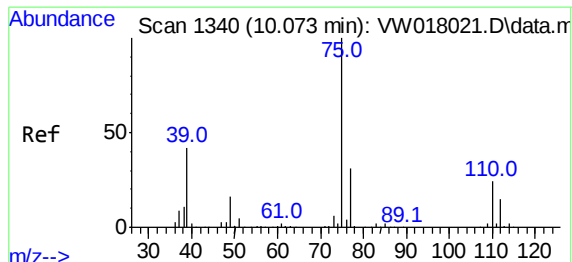
Tgt Ion: 63 Resp: 122796
Ion Ratio Lower Upper
63 100
112 5.3 4.2 6.4



#41
Bromodichloromethane
Concen: 26.00 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 83 Resp: 176123
Ion Ratio Lower Upper
83 100
85 64.4 46.8 86.8
127 8.3 7.6 11.4

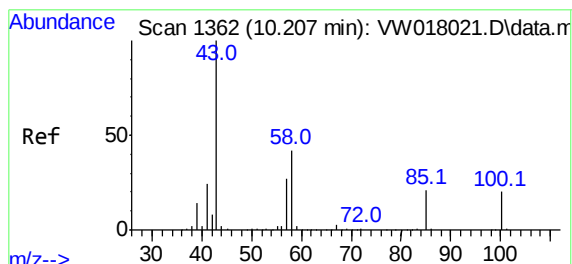
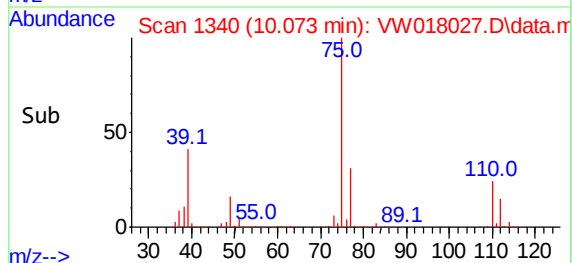
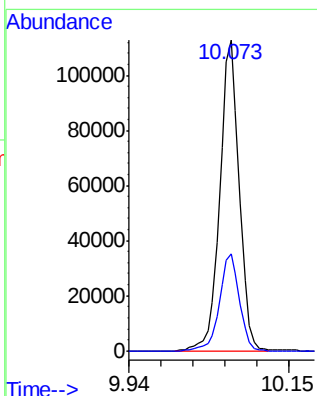
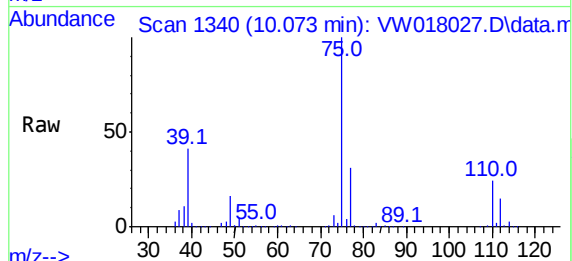




#42
cis-1,3-Dichloropropene
Concen: 26.20 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

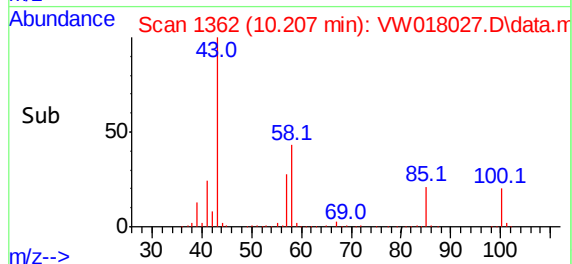
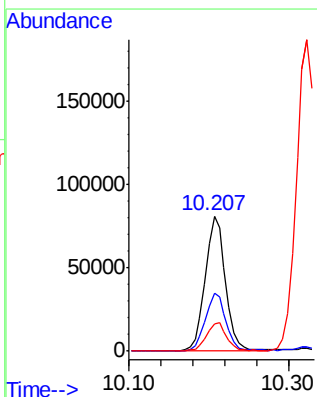
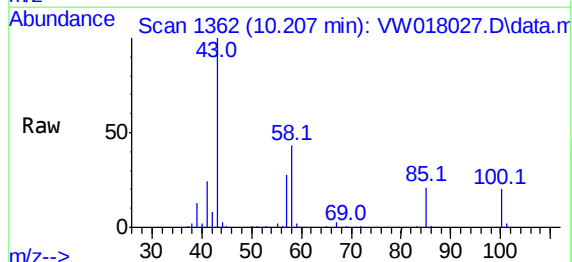
Instrument :
MSVOA_W
ClientSampled :
VSTD02510

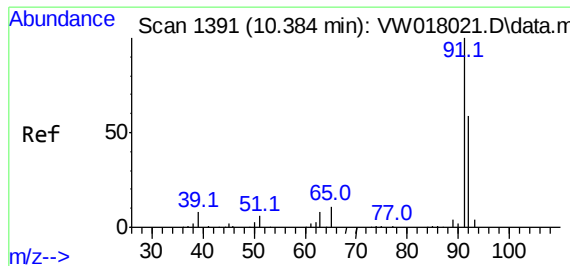
Tgt Ion: 75 Resp: 199753
Ion Ratio Lower Upper
75 100
77 31.1 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 47.55 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 43 Resp: 139846
Ion Ratio Lower Upper
43 100
58 43.0 31.6 47.4
100 20.3 14.1 21.1





#44

Toluene

Concen: 26.24 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW018027.D

Acq: 03 Feb 2021 13:15

Instrument :

MSVOA_W

ClientSampleId :

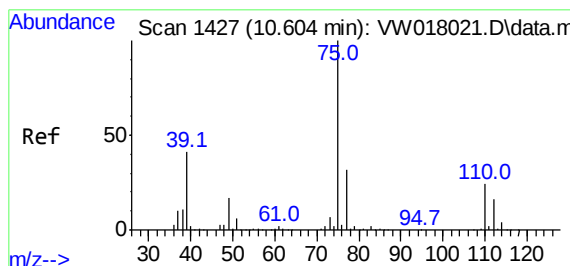
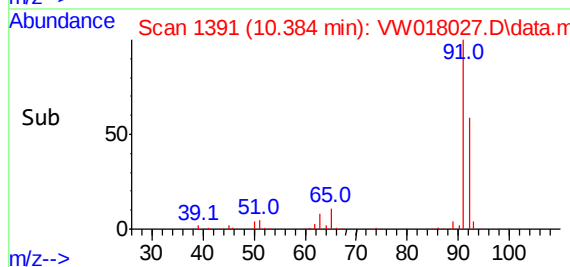
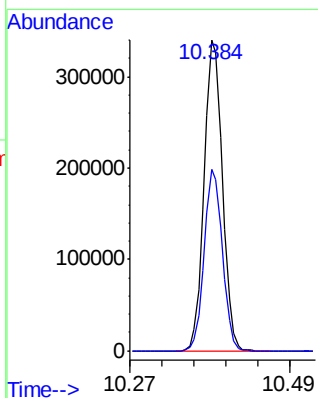
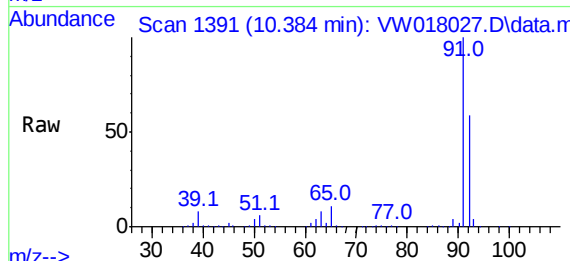
VSTD02510

Tgt Ion: 91 Resp: 595279

Ion Ratio Lower Upper

91 100

92 58.6 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 26.19 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW018027.D

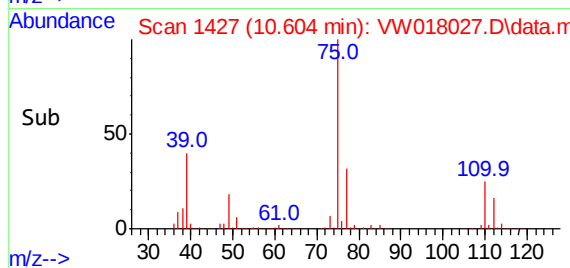
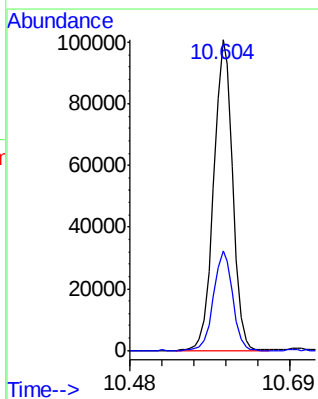
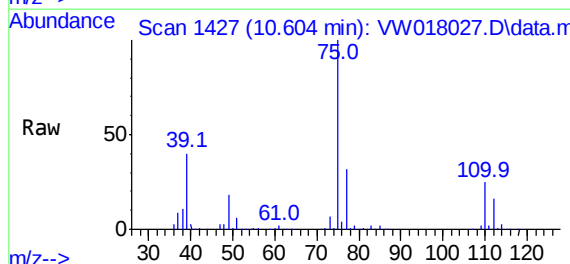
Acq: 03 Feb 2021 13:15

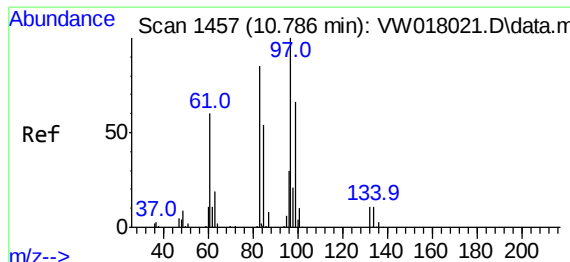
Tgt Ion: 75 Resp: 173781

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0



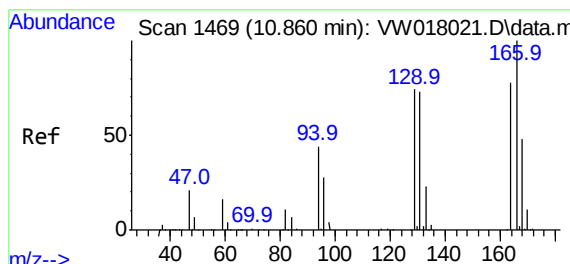
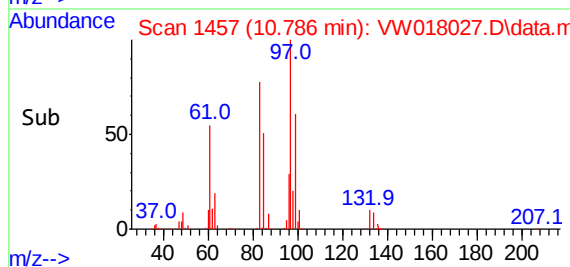
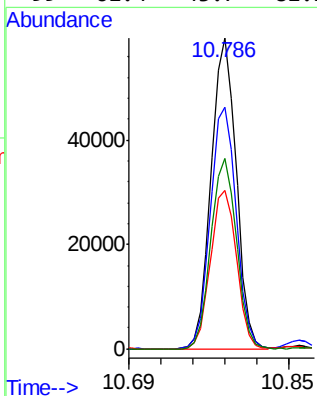
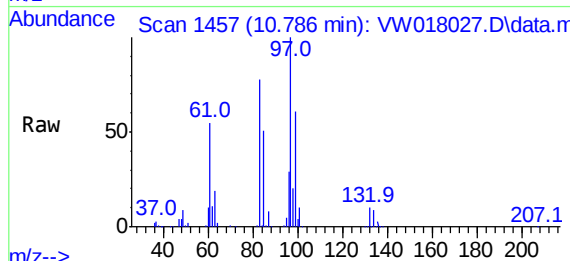


#46
1,1,2-Trichloroethane
Concen: 25.13 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

Tgt Ion: 97 Resp: 101449

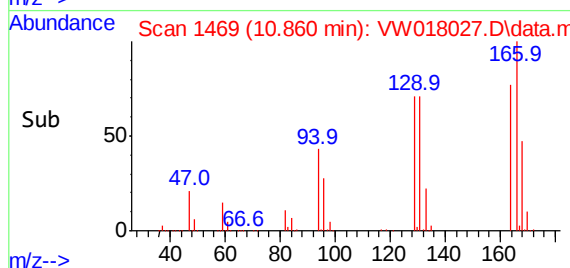
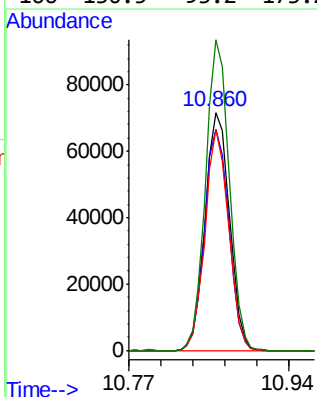
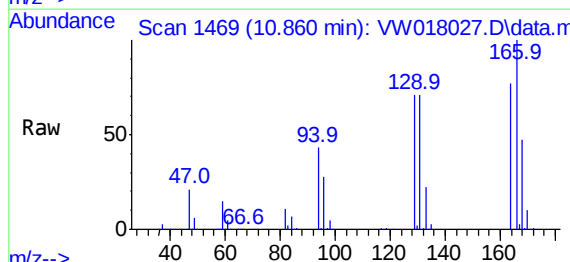
Ion	Ratio	Lower	Upper
97	100		
83	77.8	58.5	108.7
85	51.0	37.8	70.2
99	61.4	43.7	81.1

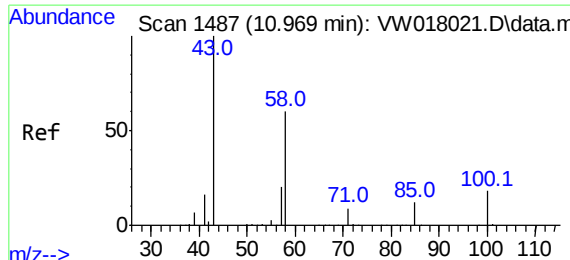


#47
Tetrachloroethene
Concen: 25.50 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 164 Resp: 126118

Ion	Ratio	Lower	Upper
164	100		
129	92.8	67.6	125.6
131	92.6	65.2	121.2
166	130.5	93.2	173.2



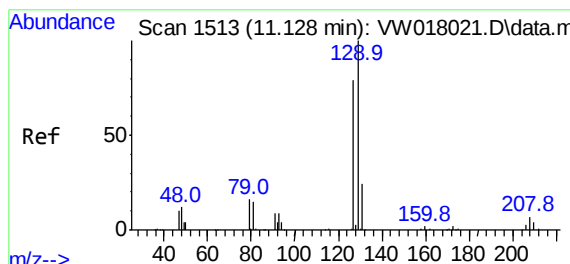
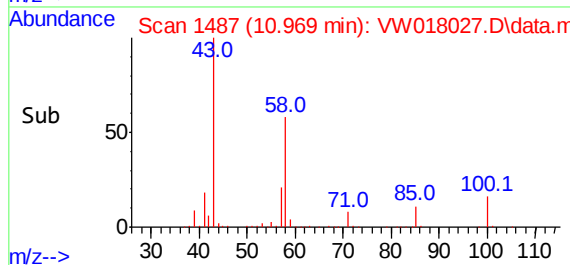
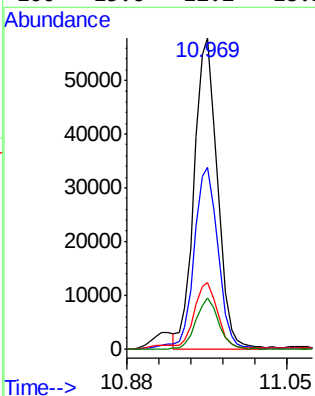
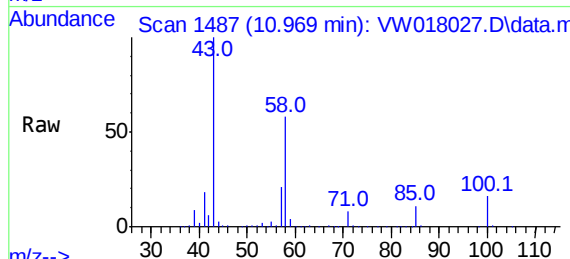


#49
2-Hexanone
Concen: 47.37 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

Tgt Ion: 43 Resp: 96818

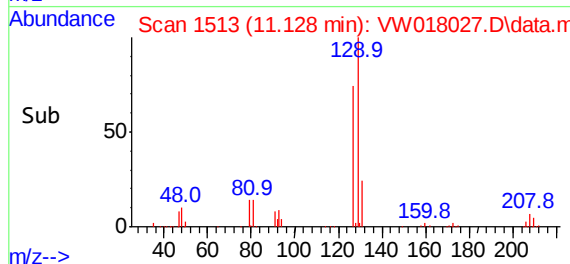
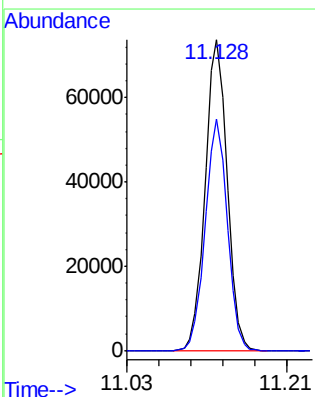
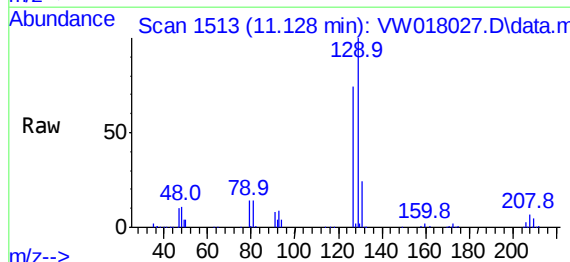
Ion	Ratio	Lower	Upper
43	100		
58	60.7	51.3	76.9
57	21.6	15.0	22.6
100	15.6	12.2	18.2

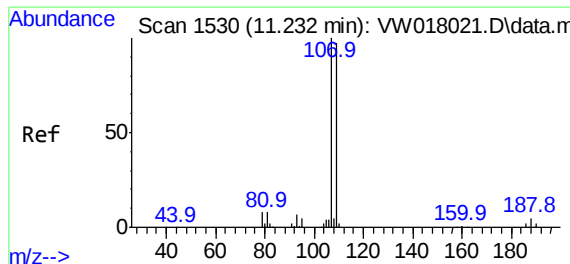


#50
Dibromochloromethane
Concen: 25.96 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 129 Resp: 125561

Ion	Ratio	Lower	Upper
129	100		
127	74.4	53.2	98.8

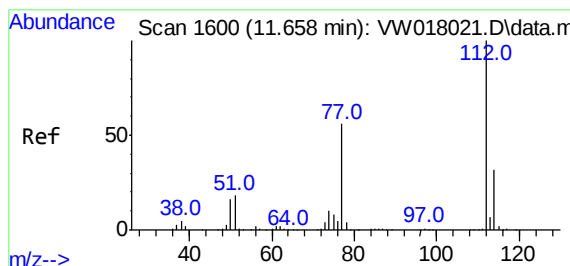
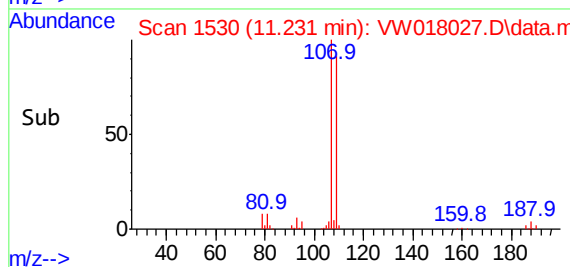
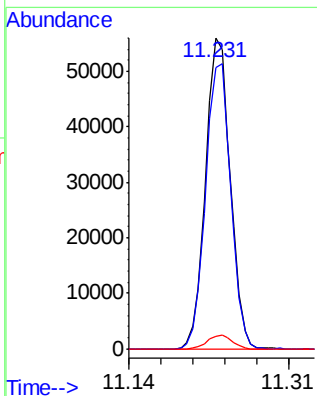
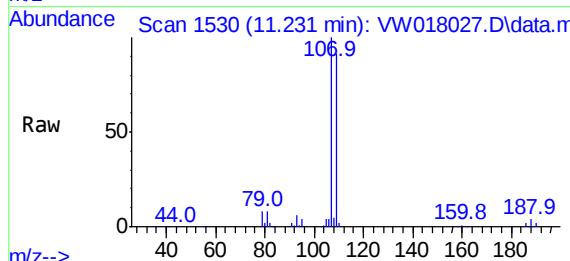




#51
1,2-Dibromoethane
Concen: 24.67 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

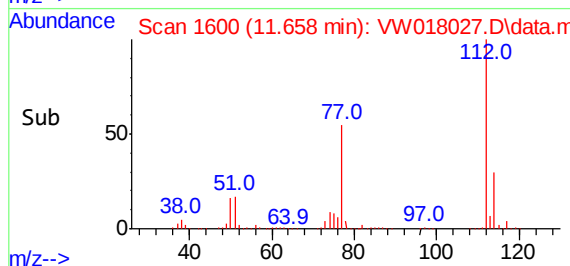
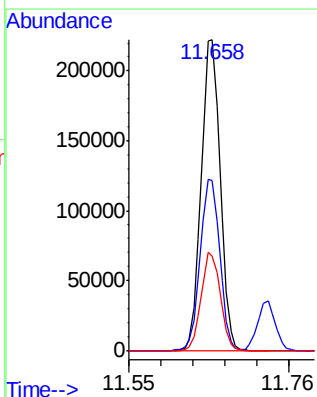
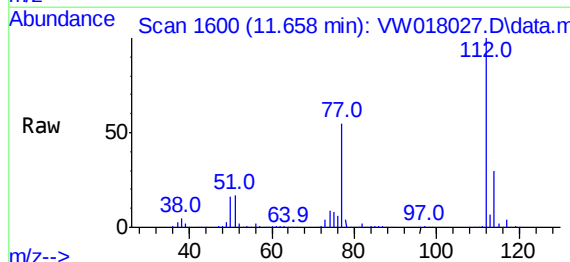
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

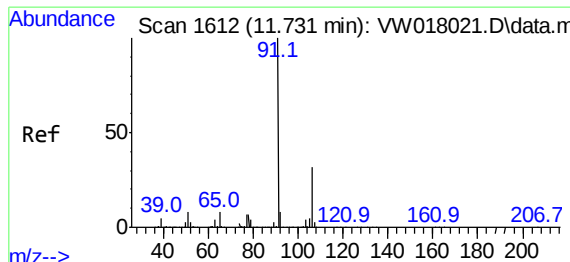
Tgt Ion:107 Resp: 99346
Ion Ratio Lower Upper
107 100
109 90.6 66.4 123.2
188 4.1 4.0 6.0



#52
Chlorobenzene
Concen: 25.56 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion:112 Resp: 381984
Ion Ratio Lower Upper
112 100
77 54.6 42.6 64.0
114 30.2 21.6 40.2

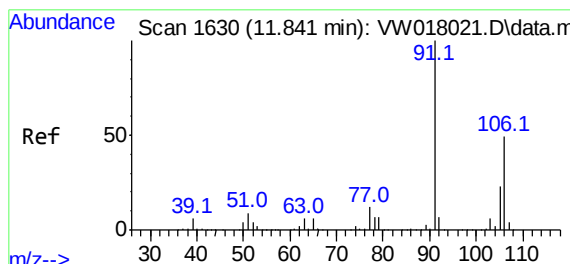
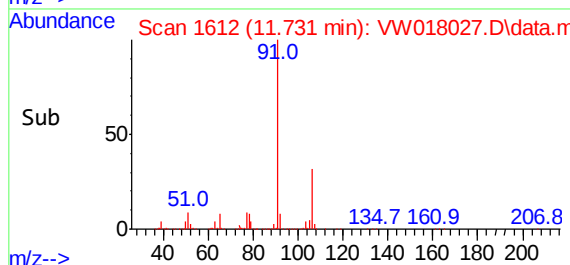
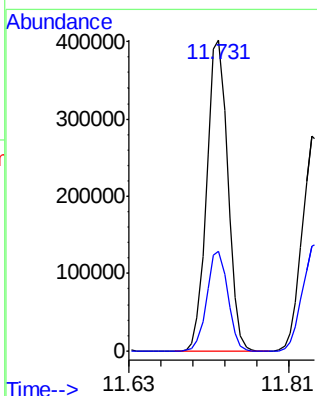
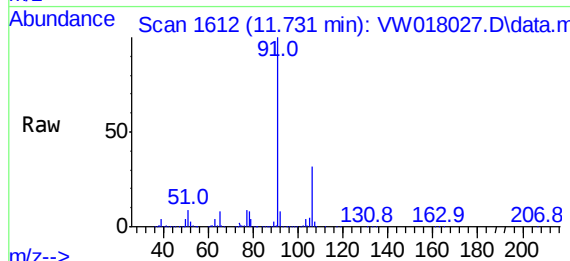




#53
Ethylbenzene
Concen: 25.57 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

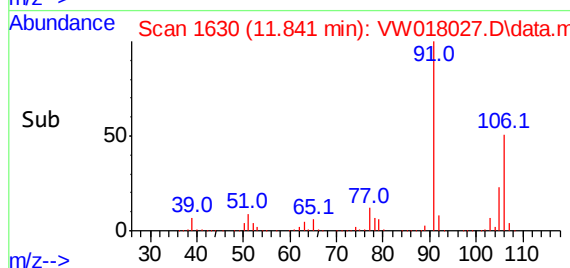
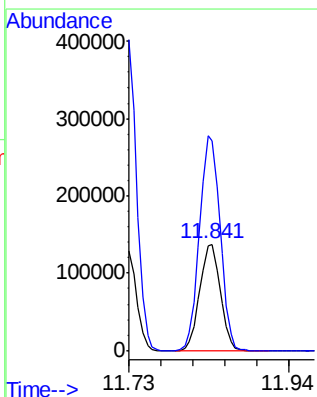
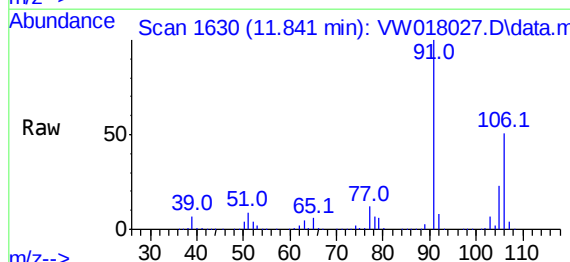
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

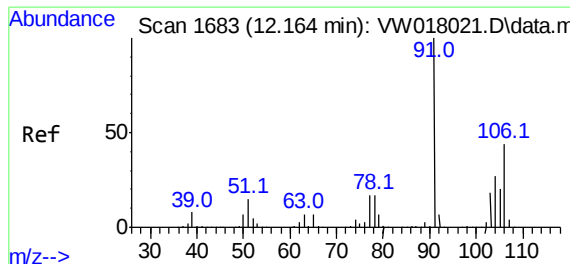
Tgt Ion: 91 Resp: 659072
Ion Ratio Lower Upper
91 100
106 32.1 21.1 39.1



#54
m,p-Xylene
Concen: 25.93 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 106 Resp: 254907
Ion Ratio Lower Upper
106 100
91 197.1 136.4 253.4

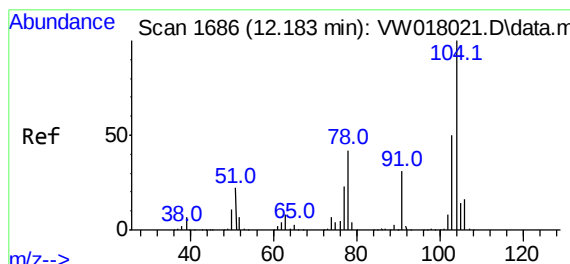
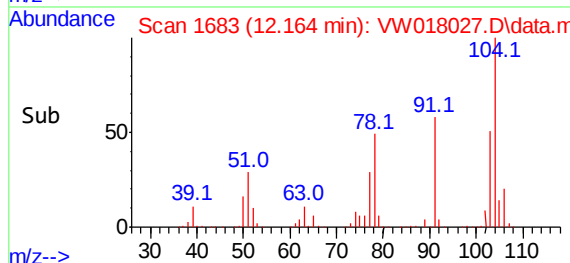
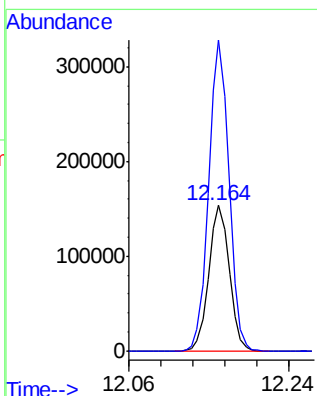
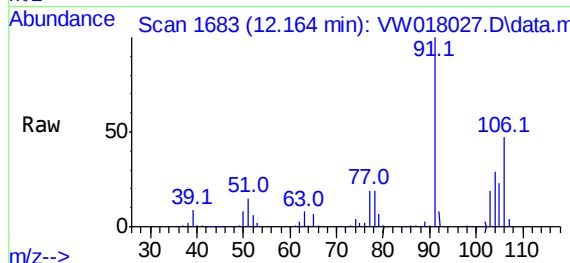




#55
o-xylene
Concen: 26.11 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

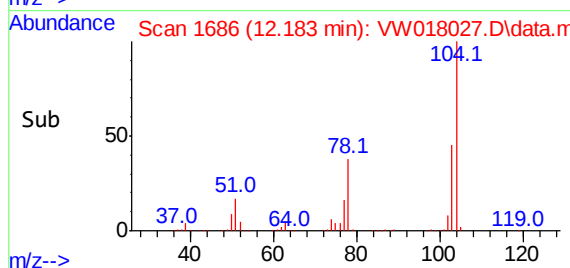
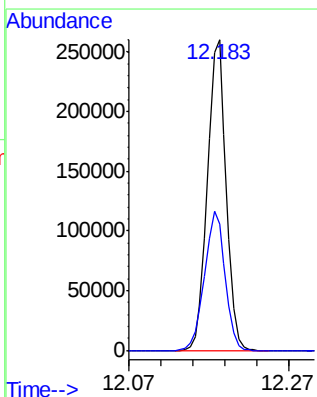
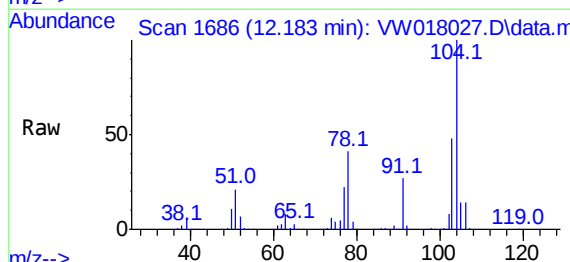
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

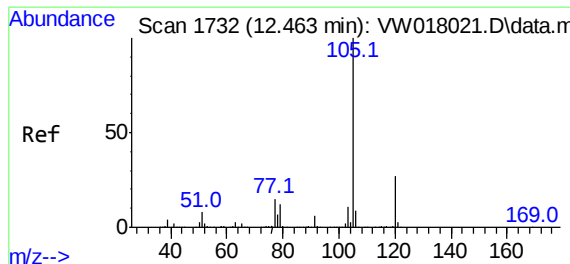
Tgt Ion:106 Resp: 243439
Ion Ratio Lower Upper
106 100
91 213.8 147.6 274.2



#56
Styrene
Concen: 26.64 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion:104 Resp: 422497
Ion Ratio Lower Upper
104 100
78 40.8 31.3 58.1

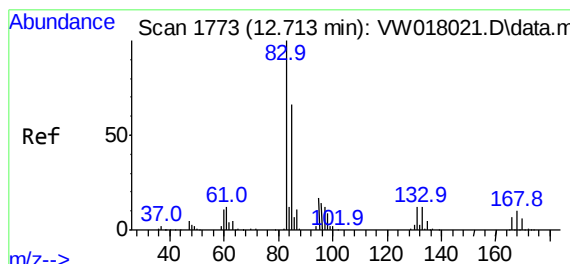
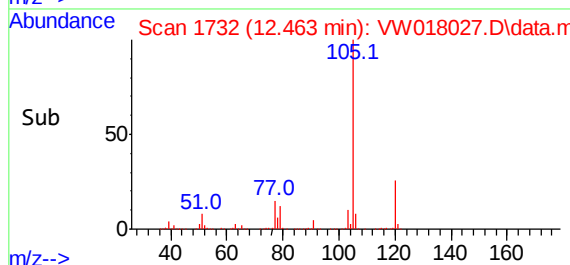
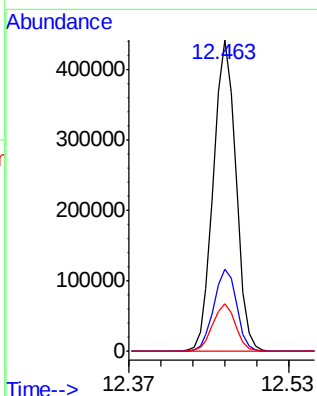
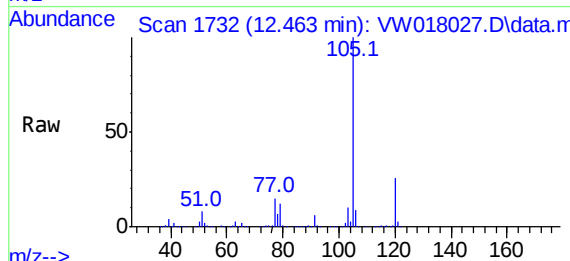




#57
Isopropylbenzene
Concen: 25.96 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

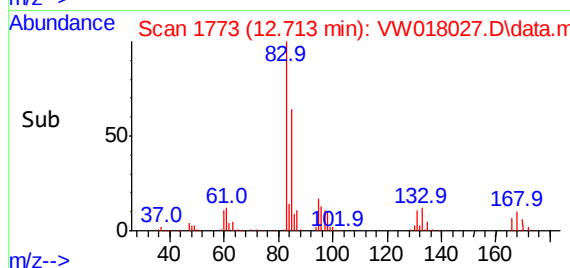
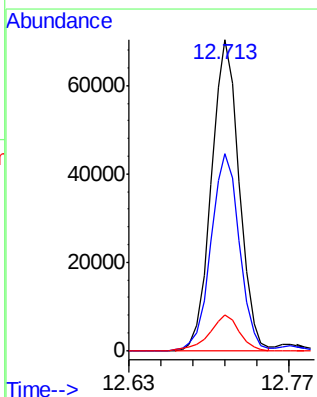
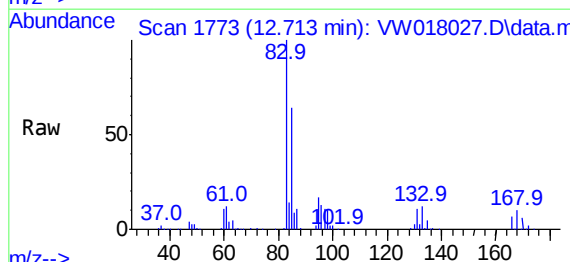
Instrument :
MSVOA_W
ClientSampled :
VSTD02510

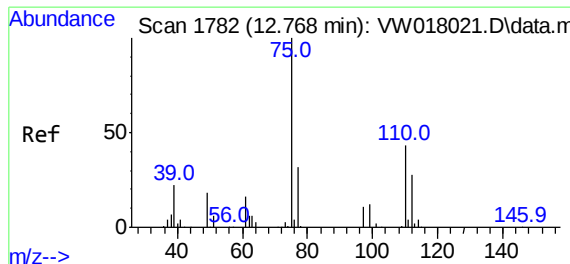
Tgt Ion:105 Resp: 674096
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 15.0 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 24.27 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 83 Resp: 115901
Ion Ratio Lower Upper
83 100
85 63.5 45.3 84.1
131 11.3 8.3 12.5

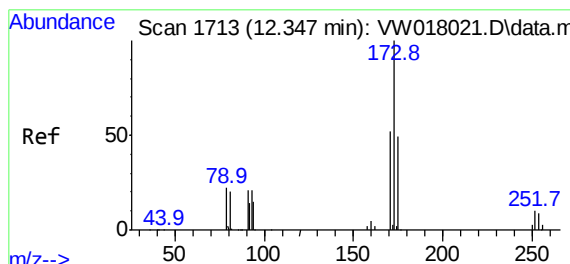
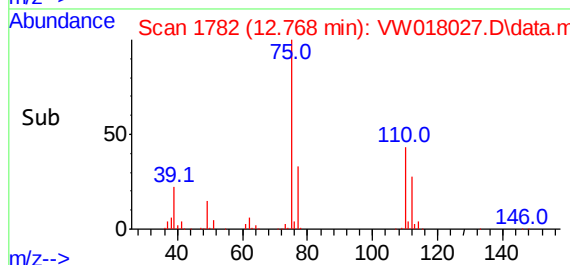
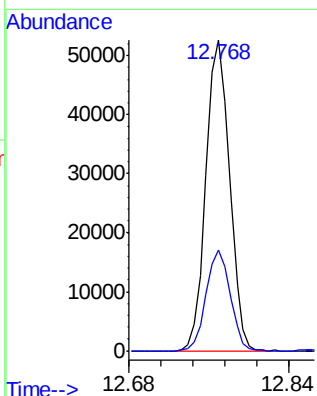
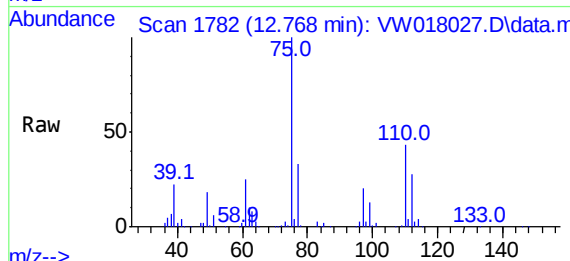




#59
1,2,3-Trichloropropane
Concen: 23.42 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

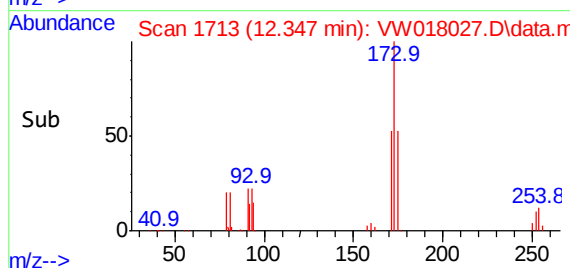
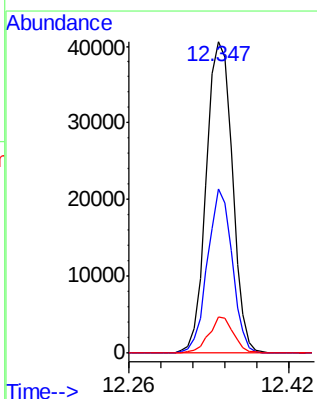
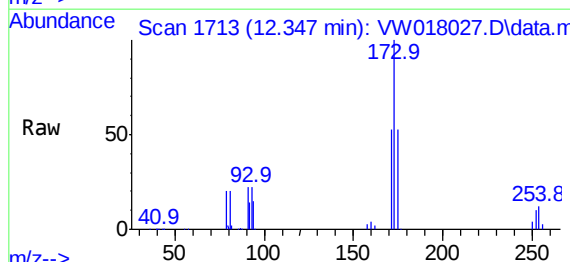
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

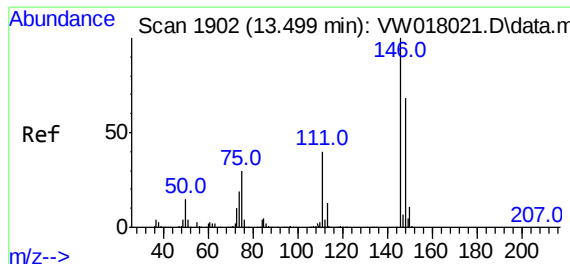
Tgt Ion: 75 Resp: 84735
Ion Ratio Lower Upper
75 100
77 32.9 26.6 39.8



#62
Bromoform
Concen: 25.13 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 173 Resp: 71840
Ion Ratio Lower Upper
173 100
175 49.5 39.1 58.7
254 10.6 7.1 10.7

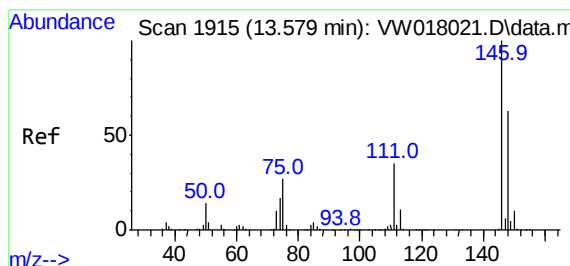
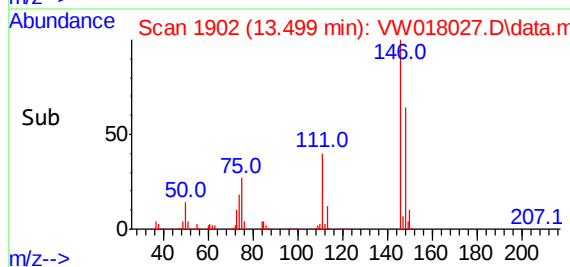
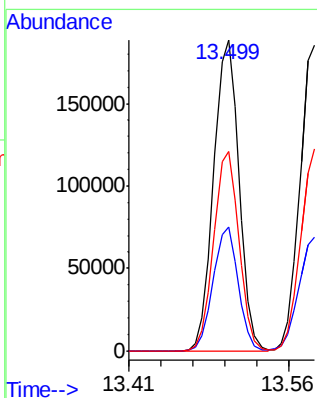
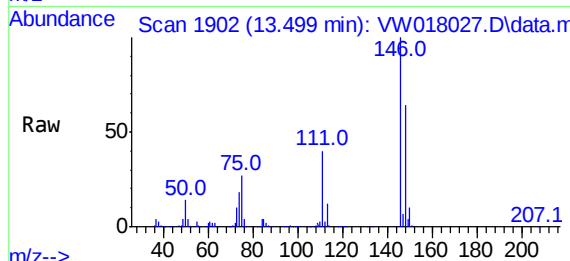




#63
1,3-Dichlorobenzene
Concen: 25.77 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

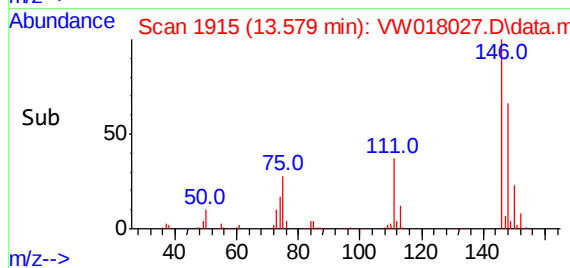
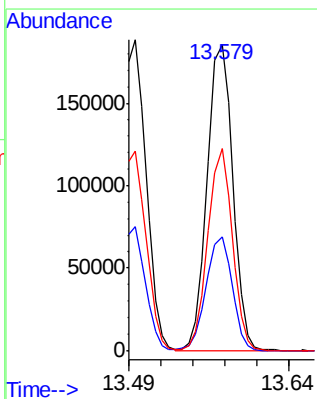
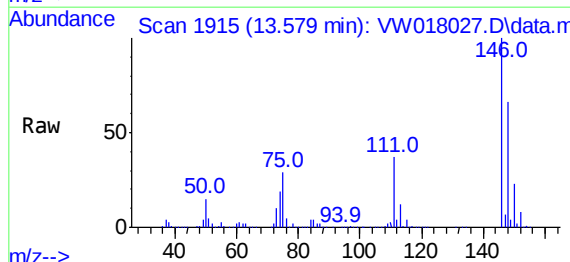
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

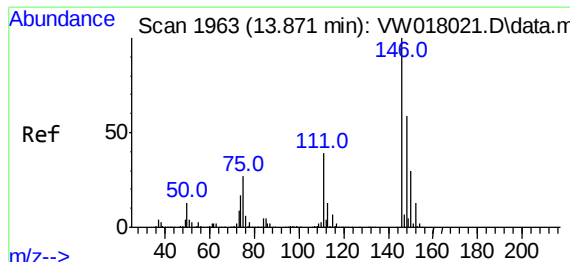
Tgt Ion:146 Resp: 304818
Ion Ratio Lower Upper
146 100
111 40.0 28.5 52.9
148 64.1 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 25.45 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion:146 Resp: 302676
Ion Ratio Lower Upper
146 100
111 37.2 27.7 51.5
148 66.1 47.0 87.2

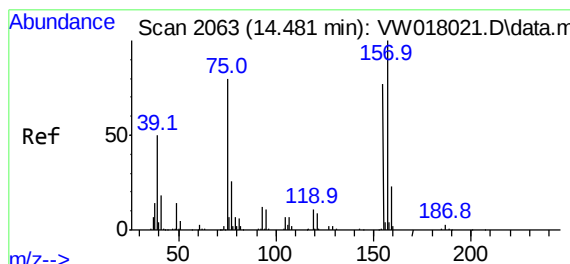
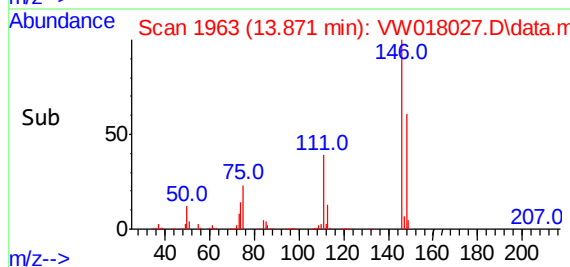
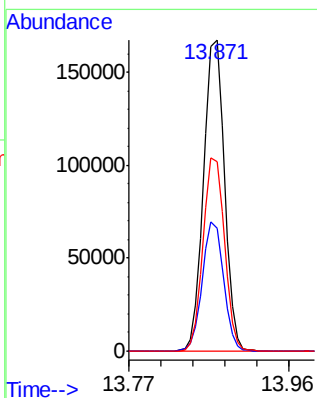
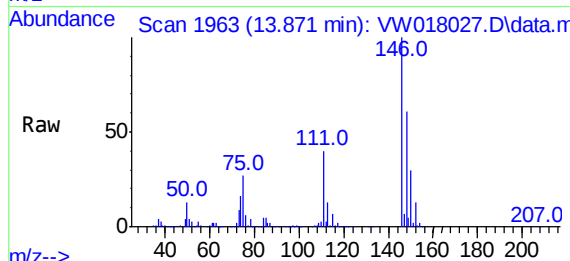




#65
1,2-Dichlorobenzene
Concen: 25.87 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

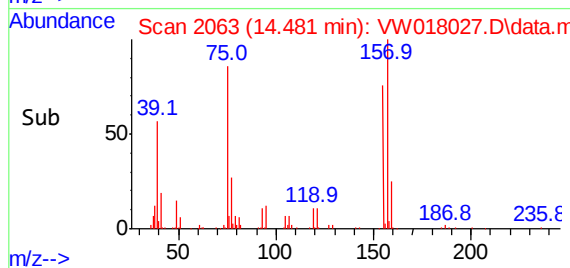
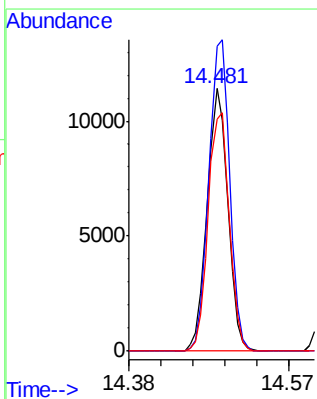
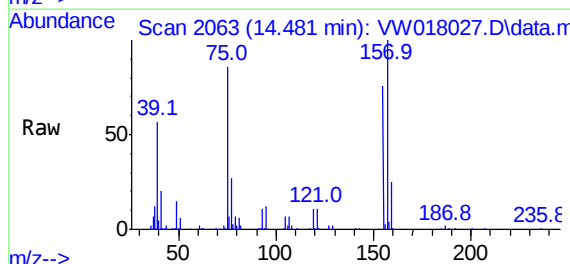
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

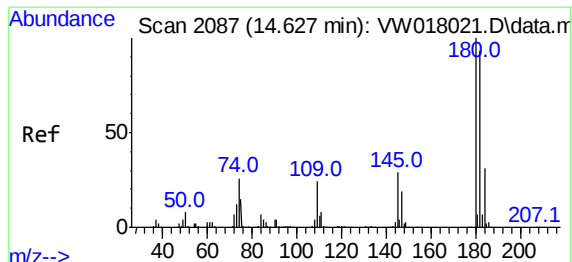
Tgt Ion:146 Resp: 275868
Ion Ratio Lower Upper
146 100
111 39.5 31.7 47.5
148 60.7 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 23.06 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion: 75 Resp: 18627
Ion Ratio Lower Upper
75 100
157 116.2 99.9 149.9
155 88.7 71.4 107.0

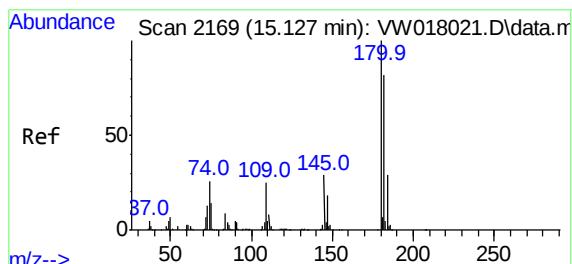
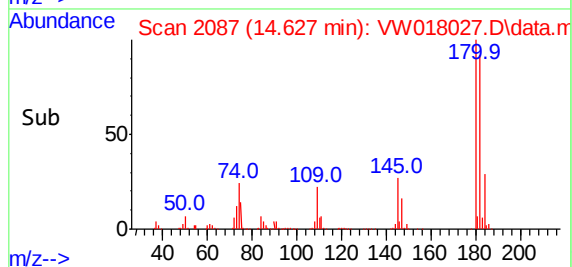
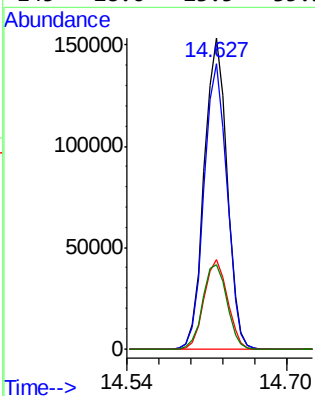
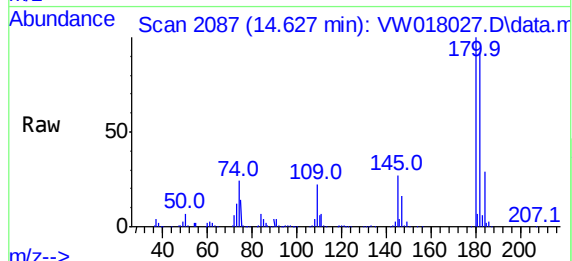




#67
1,3,5-Trichlorobenzene
Concen: 26.17 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

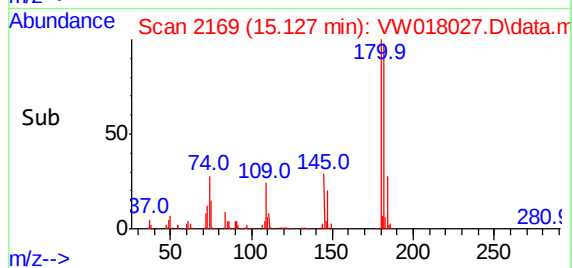
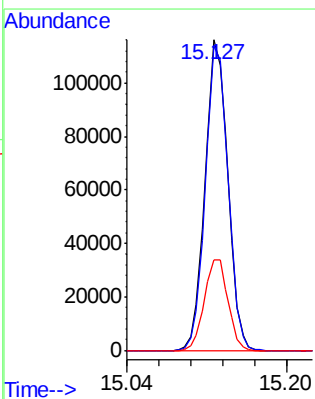
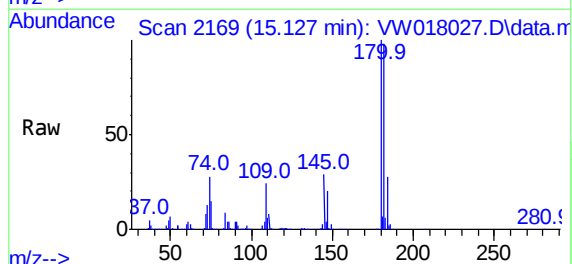
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

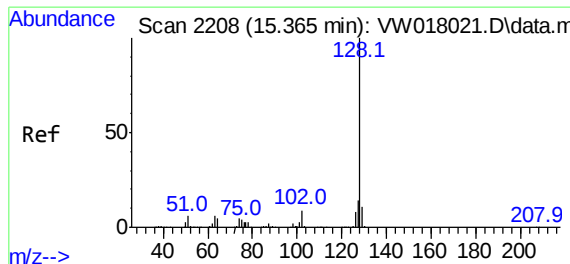
Tgt Ion:180 Resp: 237729
Ion Ratio Lower Upper
180 100
182 92.2 77.0 115.6
184 29.3 24.2 36.4
145 28.6 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 25.00 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion:180 Resp: 189366
Ion Ratio Lower Upper
180 100
182 97.7 71.3 106.9
145 30.5 24.0 36.0

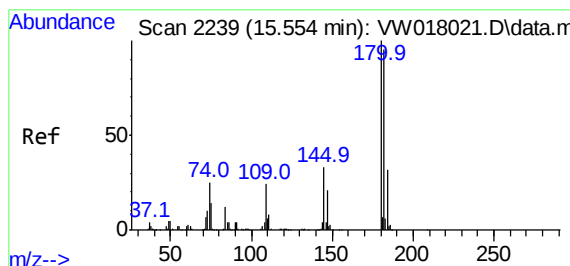
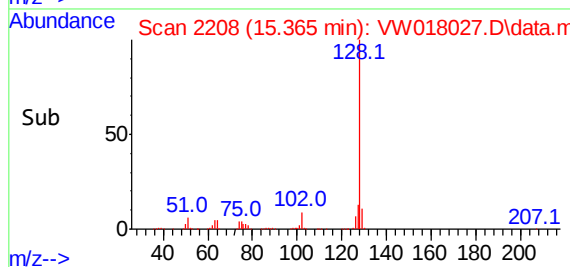
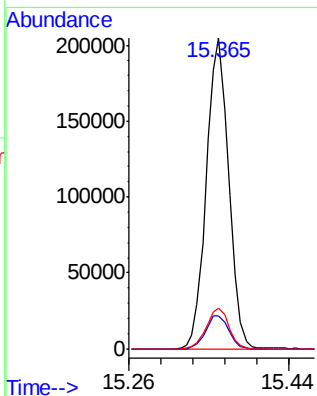
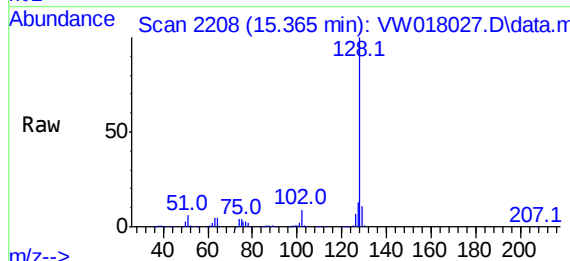




#69
Naphthalene
Concen: 24.10 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

Tgt Ion:128 Resp: 355105
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.35 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018027.D
Acq: 03 Feb 2021 13:15

Tgt Ion:180 Resp: 164439
Ion Ratio Lower Upper
180 100
182 96.2 74.7 112.1
145 32.7 25.4 38.0

