

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018019.D
 Acq On : 02 Feb 2021 18:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Feb 03 00:28:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 00:24:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	395762	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	359908	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	193163	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	123673	25.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.56%			
7) Chloroethane-d5	2.891	69	100490	25.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.96%			
10) 1,1-Dichloroethene-d2	4.031	63	247878	25.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.84%			
20) 2-Butanone-d5	7.074	46	64728	49.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.62%			
24) Chloroform-d	7.647	84	289753	27.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.60%			
26) 1,2-Dichloroethane-d4	8.305	65	151720	27.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.72%			
29) Benzene-d6	8.275	84	560527	28.36	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.44%			
33) 1,2-Dichloropropane-d6	9.274	67	158115	28.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.44%			
37) Toluene-d8	10.323	98	533671	28.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.52%			
38) trans-1,3-Dichloroprop...	10.579	79	71766	28.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.56%			
39) 2-Hexanone-d5	10.927	63	54102	51.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.40%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	131615	27.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.44%			
61) 1,2-Dichlorobenzene-d4	13.853	152	194166	28.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.72%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	124364	23.22	ug/L	100
3) Chloromethane	2.221	50	99112	25.13	ug/L	98
5) Vinyl chloride	2.367	62	140879	25.90	ug/L	99
6) Bromomethane	2.782	94	98187	25.38	ug/L	99
8) Chloroethane	2.928	64	83568	25.71	ug/L	95
9) Trichlorofluoromethane	3.263	101	83548	21.24	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	141083	25.10	ug/L #	66
12) 1,1-Dichloroethene	4.050	96	136251	25.77	ug/L	99
13) Acetone	4.117	43	36951	38.05	ug/L	98
14) Carbon disulfide	4.391	76	401293	26.06	ug/L	97
15) Methyl Acetate	4.672	43	50466	23.43	ug/L	97
16) Methylene chloride	4.922	84	140517	22.16	ug/L	94
17) Methyl tert-butyl Ether	5.421	73	151789	25.57	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	147574	26.11	ug/L	97
19) 1,1-Dichloroethane	6.220	63	241298	26.46	ug/L	98
21) 2-Butanone	7.171	43	64145	43.39	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	158406	27.03	ug/L	97
23) Bromochloromethane	7.513	128	75365	26.75	ug/L	93
25) Chloroform	7.677	83	261849	26.31	ug/L	99
27) 1,2-Dichloroethane	8.396	62	166954	25.84	ug/L	99

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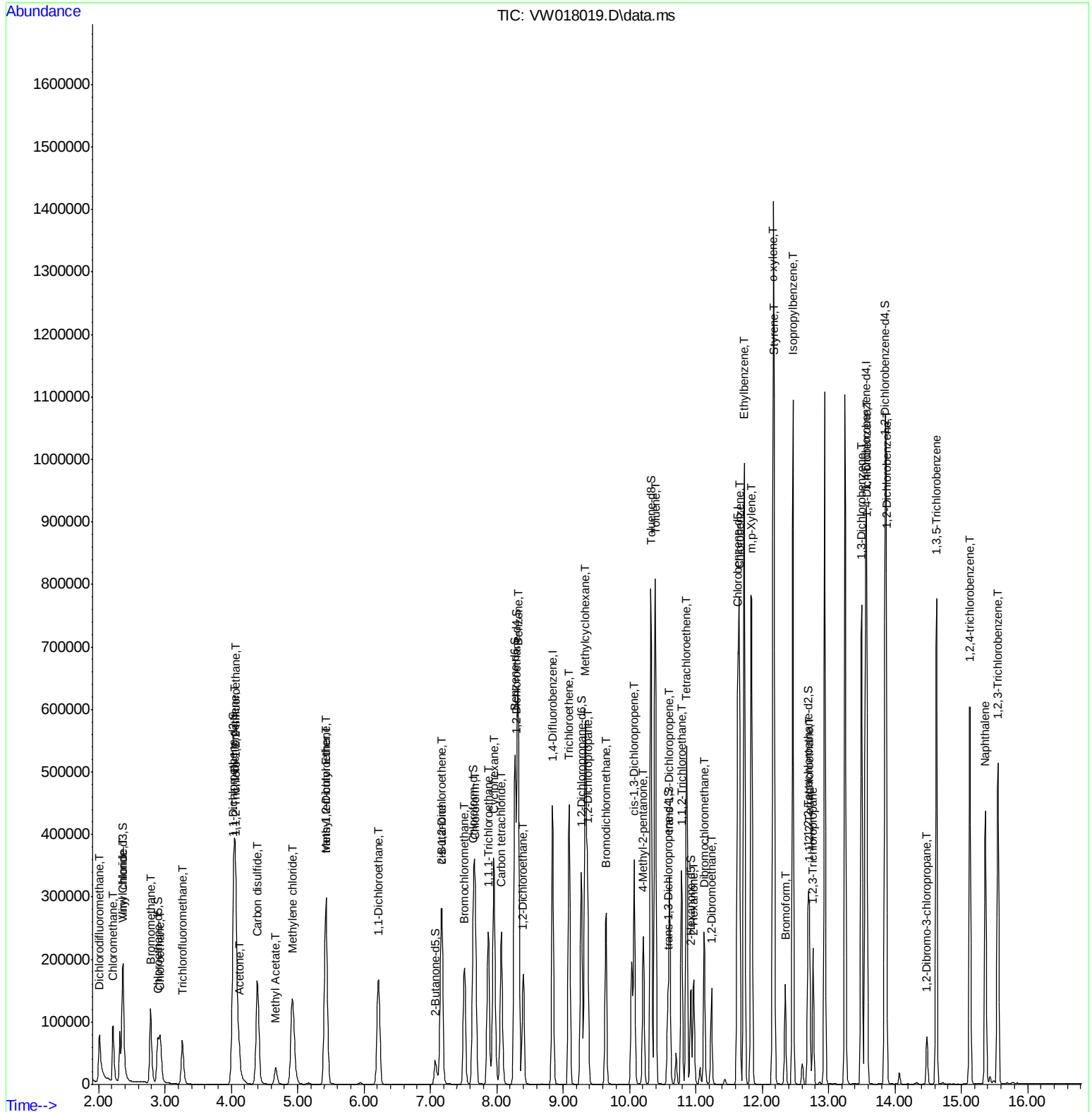
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	211278	25.66	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	204877	25.67	ug/L	99
32) Carbon tetrachloride	8.067	117	195160	25.25	ug/L	98
34) Benzene	8.323	78	566800	26.95	ug/L	100
35) Trichloroethene	9.091	95	154852	26.12	ug/L	99
36) Methylcyclohexane	9.335	83	254374	25.52	ug/L	97
40) 1,2-Dichloropropane	9.372	63	133724	27.70	ug/L	100
41) Bromodichloromethane	9.646	83	188114	27.22	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	215565	27.71	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	144937	48.29	ug/L	94
44) Toluene	10.390	91	627137	27.09	ug/L	98
45) trans-1,3-Dichloropropene	10.603	75	184705	27.28	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	108841	26.42	ug/L	98
47) Tetrachloroethene	10.859	164	129030	25.57	ug/L	99
49) 2-Hexanone	10.969	43	100635	48.25	ug/L	95
50) Dibromochloromethane	11.128	129	130041	26.34	ug/L	100
51) 1,2-Dibromoethane	11.237	107	105566	25.69	ug/L	98
52) Chlorobenzene	11.658	112	408618	26.79	ug/L	98
53) Ethylbenzene	11.731	91	703127	26.73	ug/L	99
54) m,p-Xylene	11.841	106	272101	27.13	ug/L	99
55) o-xylene	12.164	106	263346	27.67	ug/L	99
56) Styrene	12.182	104	451256	27.88	ug/L	98
57) Isopropylbenzene	12.463	105	705297	26.61	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	120936	24.81	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	89795	24.32	ug/L	99
62) Bromoform	12.347	173	77067	25.89	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	335590	27.26	ug/L	96
64) 1,4-Dichlorobenzene	13.578	146	322891	26.07	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	296743	26.73	ug/L	94
66) 1,2-Dibromo-3-chloropr...	14.481	75	19759	23.49	ug/L	89
67) 1,3,5-Trichlorobenzene	14.627	180	250106	26.44	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	206069	26.13	ug/L	95
69) Naphthalene	15.365	128	387915	25.28	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	187557	26.68	ug/L	99

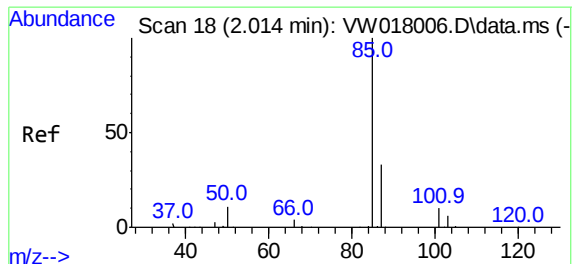
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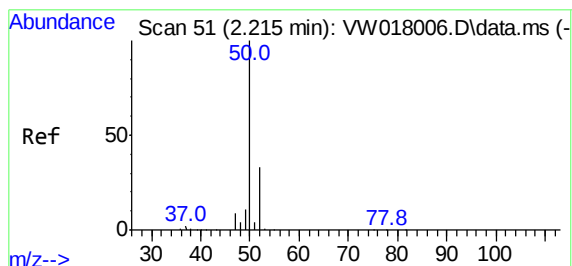
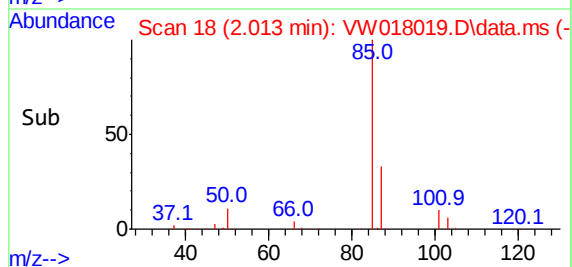
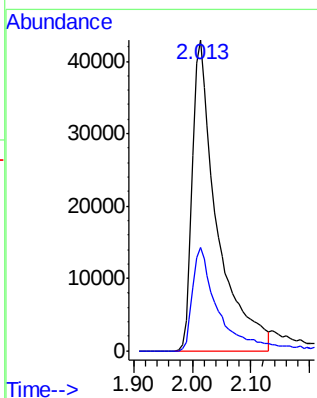
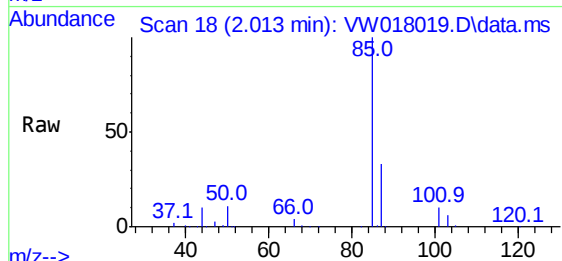




#2
Dichlorodifluoromethane
Concen: 23.22 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

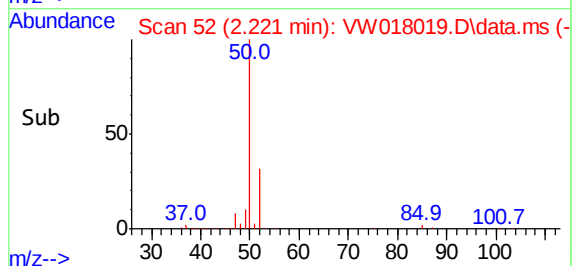
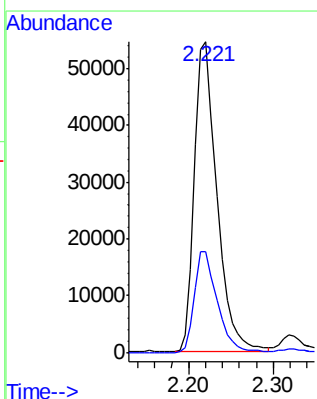
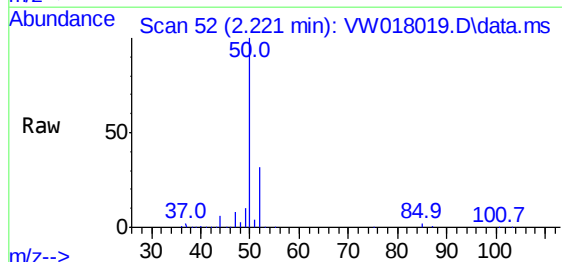
Instrument :
MSVOA_W
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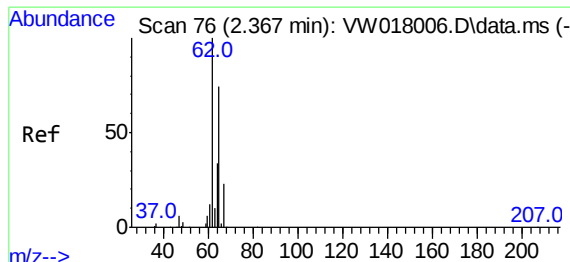
Tgt Ion: 85 Resp: 124364
Ion Ratio Lower Upper
85 100
87 33.3 23.2 43.0



#3
Chloromethane
Concen: 25.13 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 50 Resp: 99112
Ion Ratio Lower Upper
50 100
52 32.4 23.4 43.6



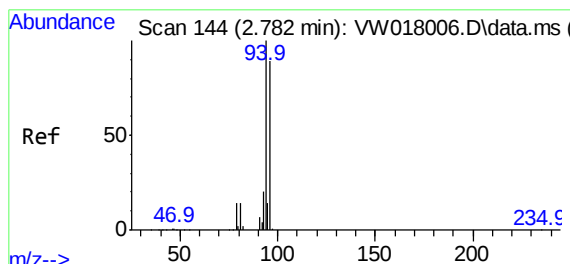
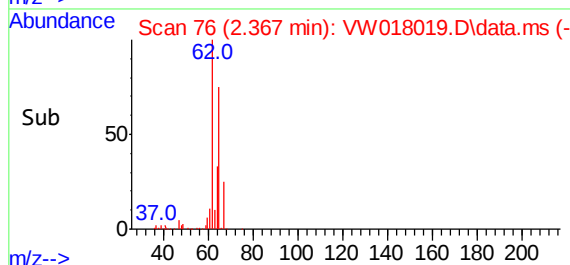
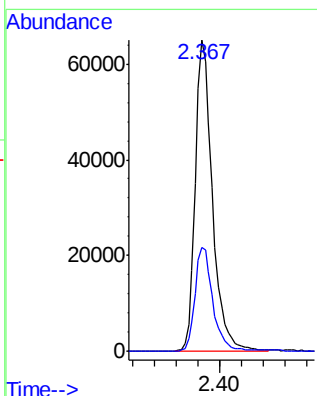
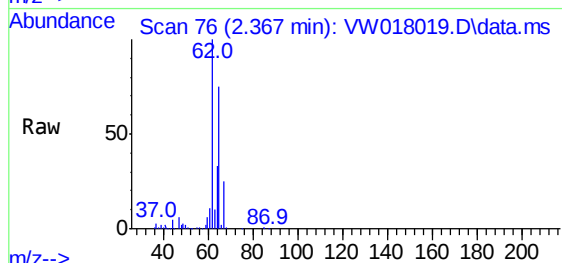


#5
 Vinyl chloride
 Concen: 25.90 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018019.D
 Acq: 02 Feb 2021 18:35

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Tgt Ion: 62 Resp: 140879

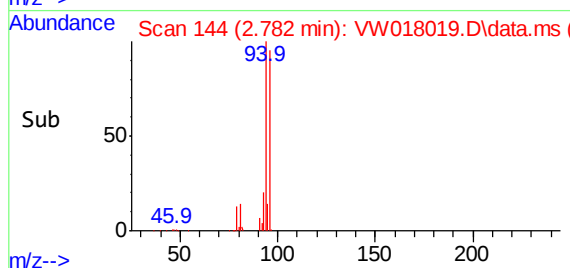
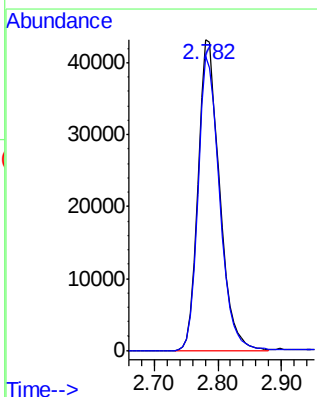
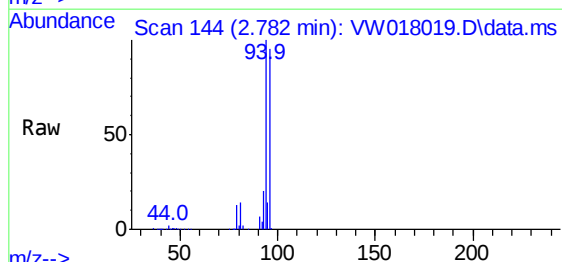
Ion	Ratio	Lower	Upper
62	100		
64	33.4	23.9	44.5

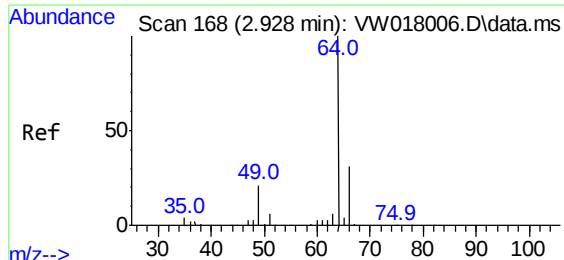


#6
 Bromomethane
 Concen: 25.38 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018019.D
 Acq: 02 Feb 2021 18:35

Tgt Ion: 94 Resp: 98187

Ion	Ratio	Lower	Upper
94	100		
96	94.8	9.4	178.0

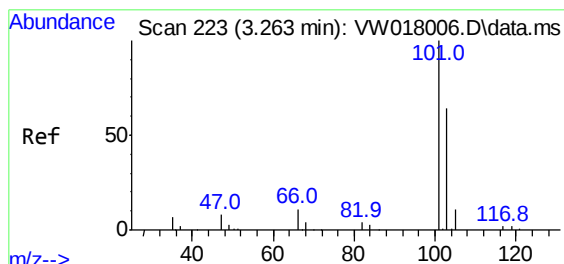
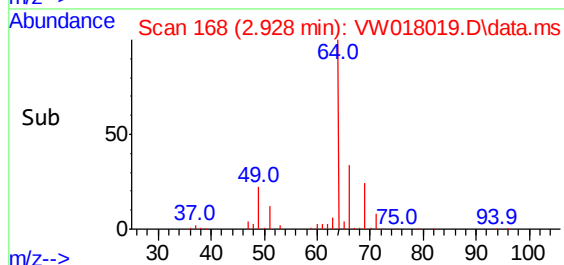
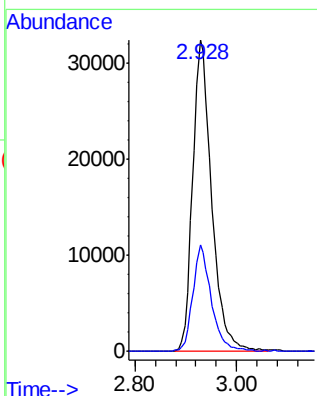
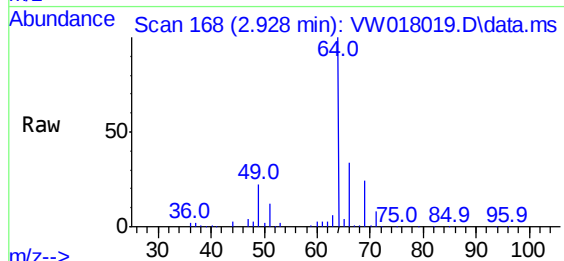




#8
Chloroethane
Concen: 25.71 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

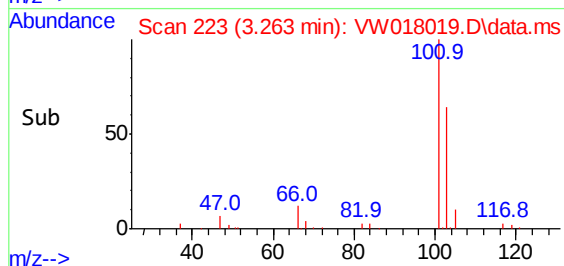
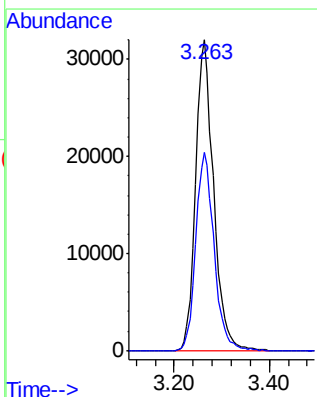
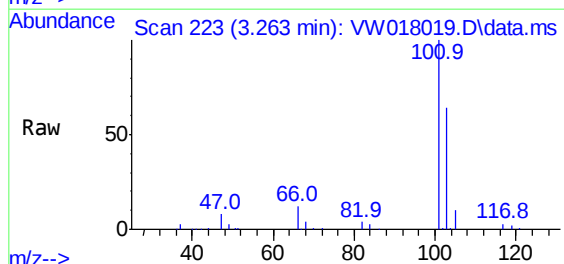
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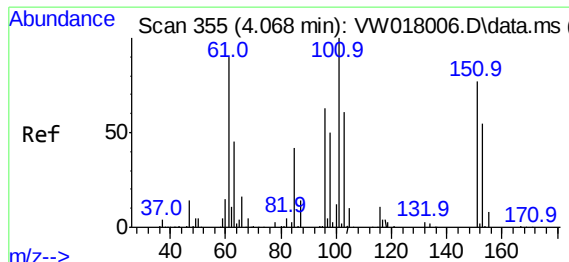
Tgt Ion: 64 Resp: 83568
Ion Ratio Lower Upper
64 100
66 34.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 21.24 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion:101 Resp: 83548
Ion Ratio Lower Upper
101 100
103 65.0 45.0 83.6



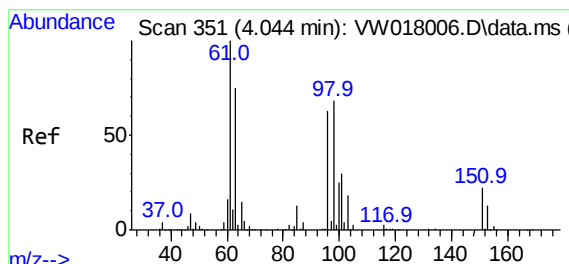
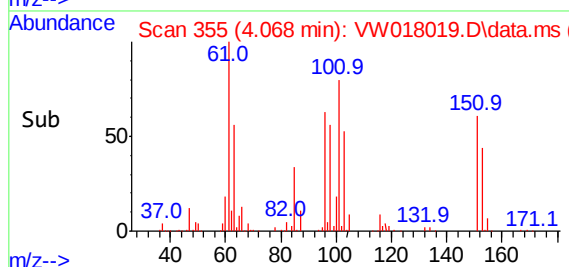
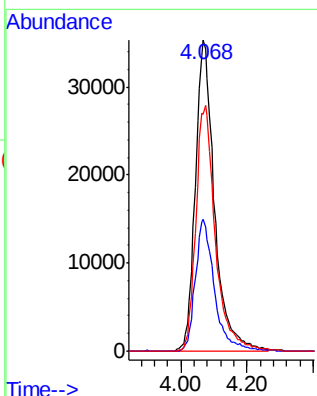
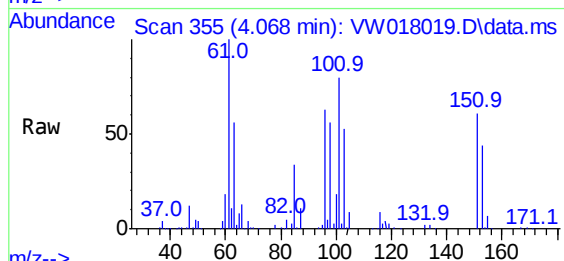


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.10 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018019.D
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Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 141083

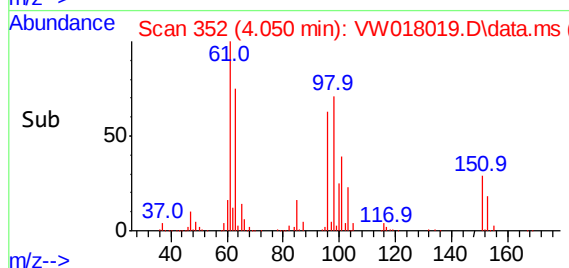
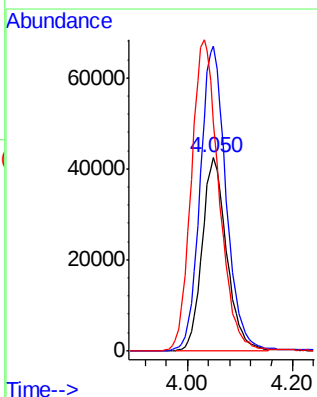
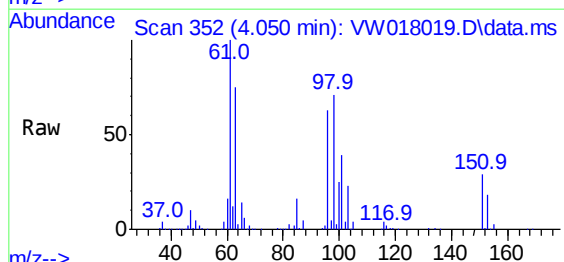
Ion	Ratio	Lower	Upper
101	100		
85	41.0	34.2	51.4
151	79.1	30.4	45.6

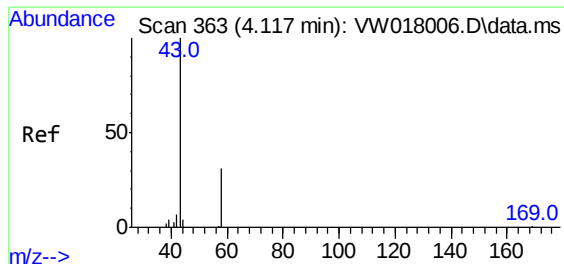


#12
 1,1-Dichloroethene
 Concen: 25.77 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
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Tgt Ion: 96 Resp: 136251

Ion	Ratio	Lower	Upper
96	100		
61	158.1	112.5	208.9
63	118.3	83.1	154.3

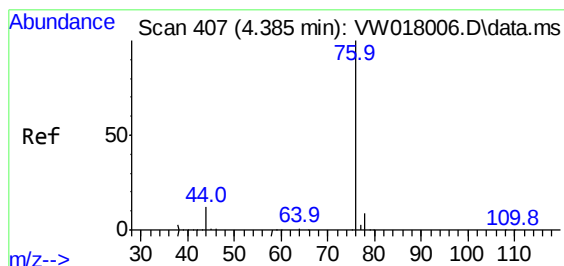
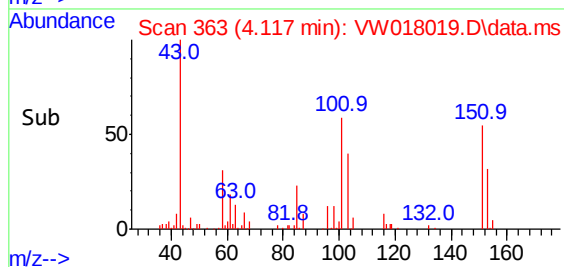
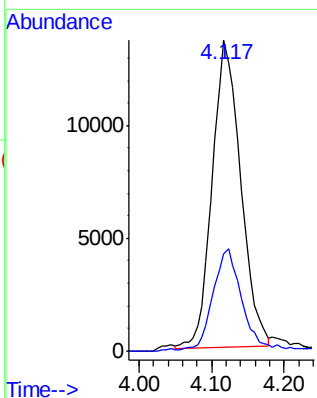
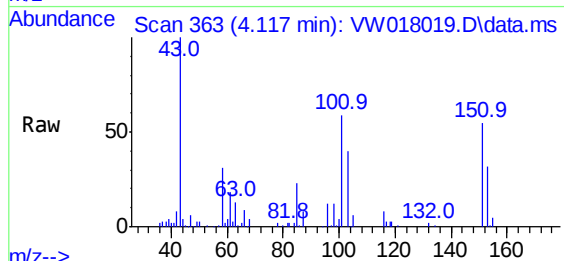




#13
Acetone
Concen: 38.05 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

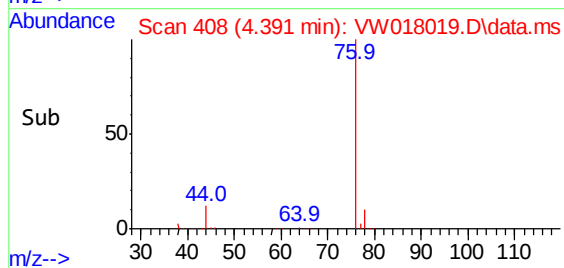
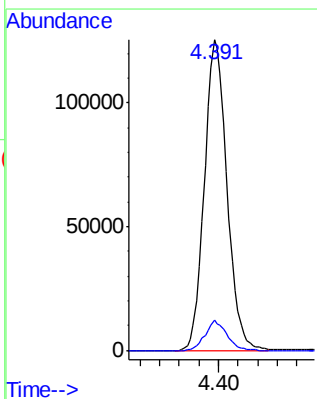
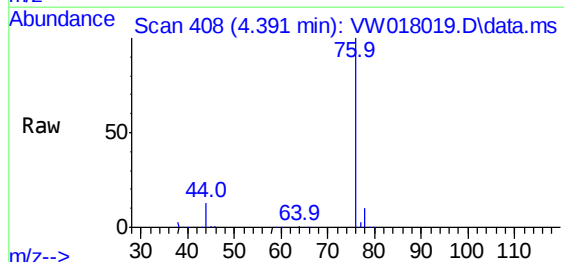
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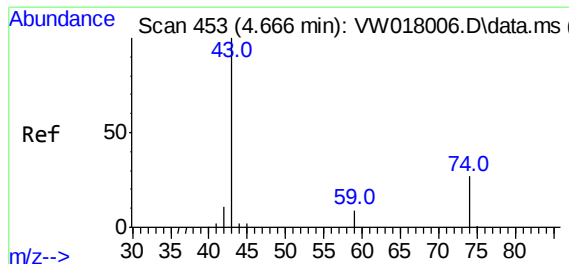
Tgt Ion: 43 Resp: 36951
Ion Ratio Lower Upper
43 100
58 33.2 0.0 68.4



#14
Carbon disulfide
Concen: 26.06 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 401293
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

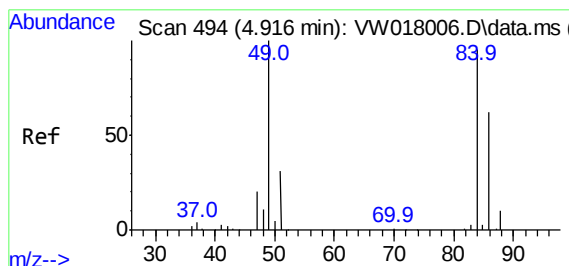
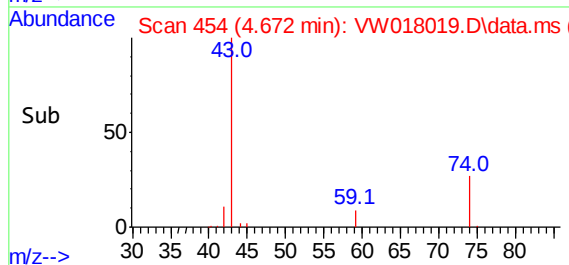
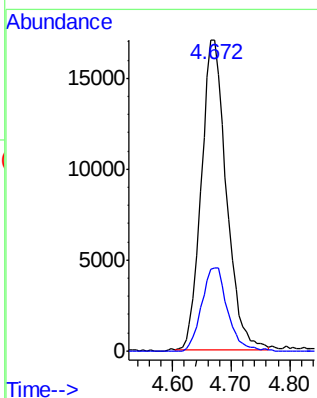
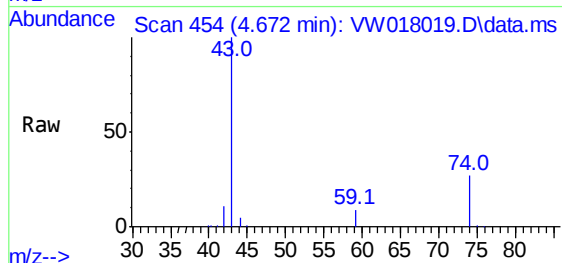




#15
Methyl Acetate
Concen: 23.43 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

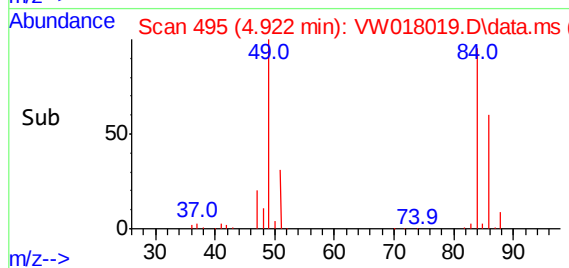
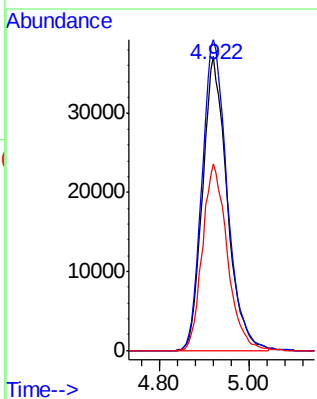
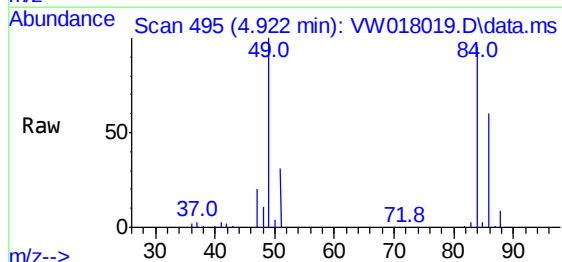
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

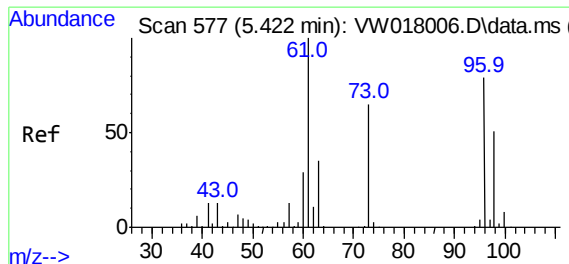
Tgt Ion: 43 Resp: 50466
Ion Ratio Lower Upper
43 100
74 27.4 20.7 31.1



#16
Methylene chloride
Concen: 22.16 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 84 Resp: 140517
Ion Ratio Lower Upper
84 100
49 105.6 81.2 150.8
86 63.4 44.5 82.7

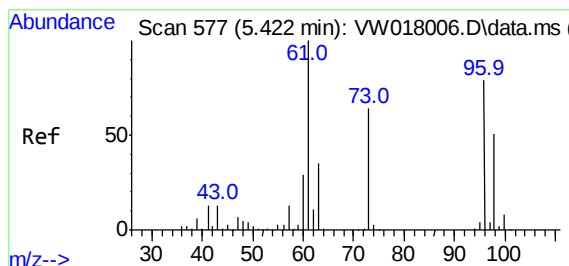
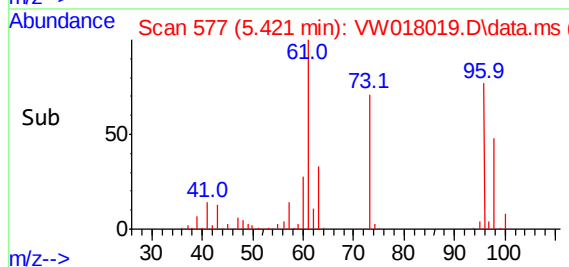
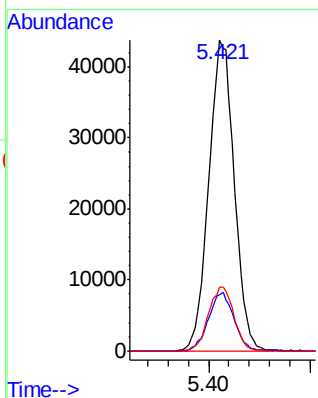
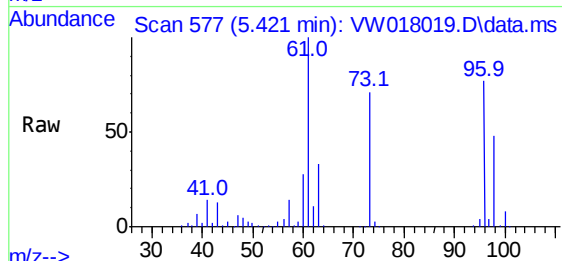




#17
Methyl tert-butyl Ether
Concen: 25.57 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

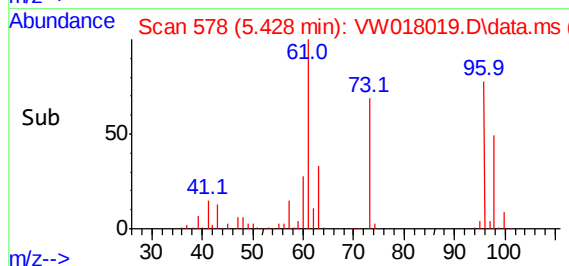
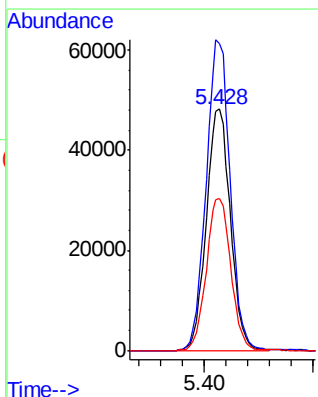
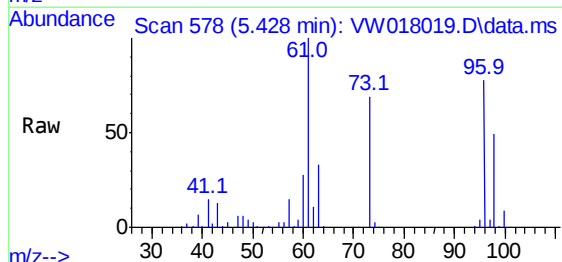
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

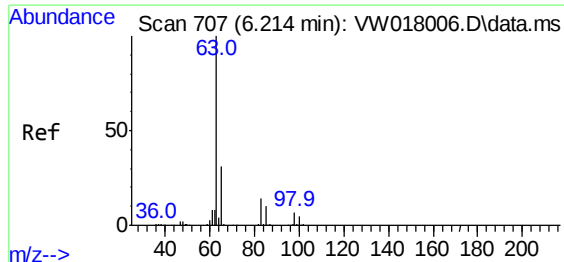
Tgt Ion: 73 Resp: 151789
Ion Ratio Lower Upper
73 100
43 18.7 16.2 24.4
57 20.5 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 26.11 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 96 Resp: 147574
Ion Ratio Lower Upper
96 100
61 127.4 92.7 172.1
98 62.7 43.3 80.3





#19

1,1-Dichloroethane

Concen: 26.46 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW018019.D

Acq: 02 Feb 2021 18:35

Tgt Ion: 63 Resp: 241298

Ion Ratio Lower Upper

63 100

65 31.9 21.9 40.7

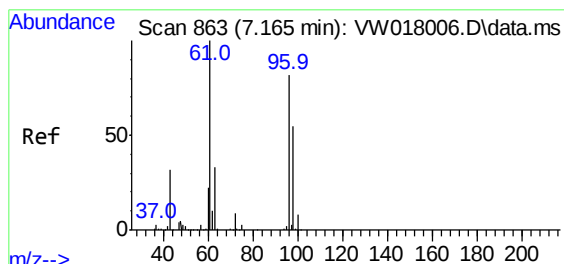
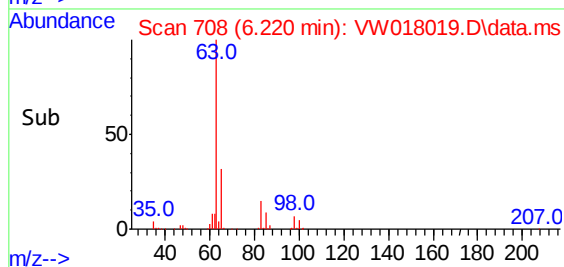
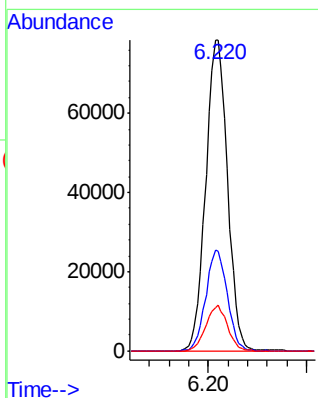
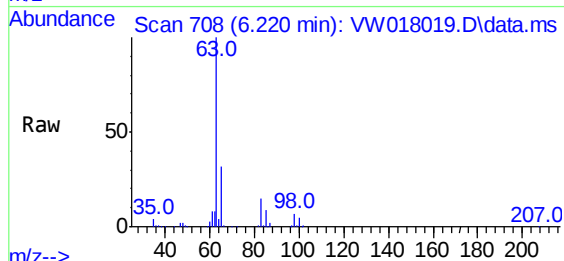
83 14.6 9.4 17.6

Instrument :

MSVOA_W

ClientSampleId :

VSTD02508



#21

2-Butanone

Concen: 43.39 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW018019.D

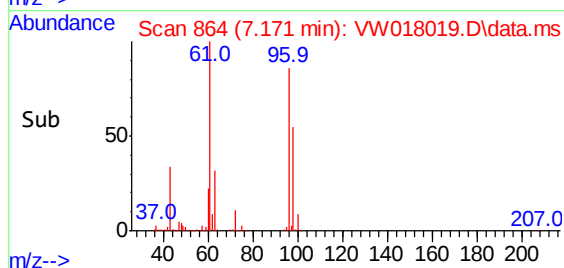
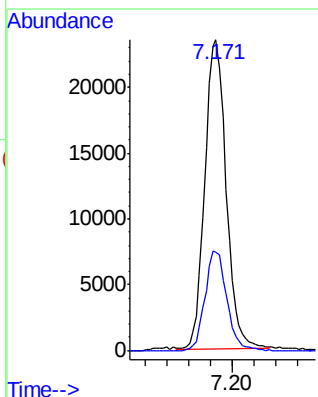
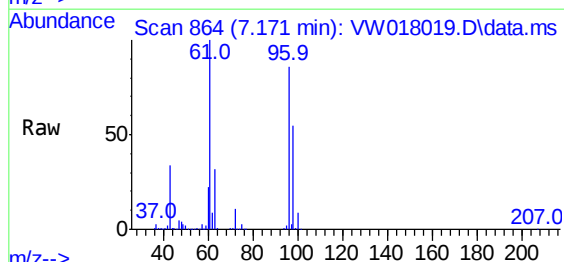
Acq: 02 Feb 2021 18:35

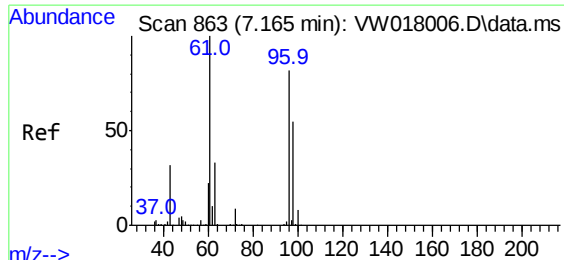
Tgt Ion: 43 Resp: 64145

Ion Ratio Lower Upper

43 100

72 32.5 14.4 43.2

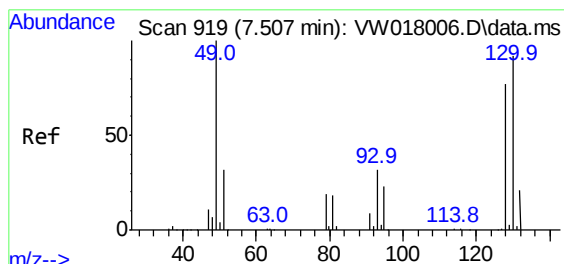
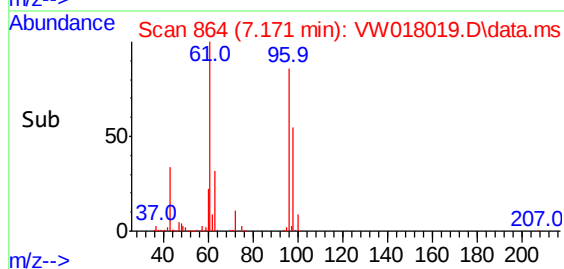
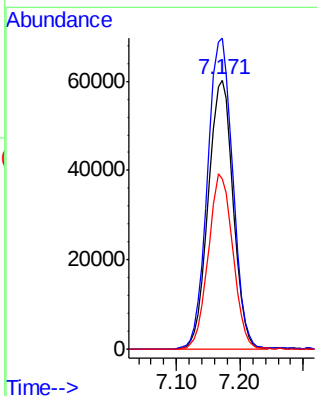
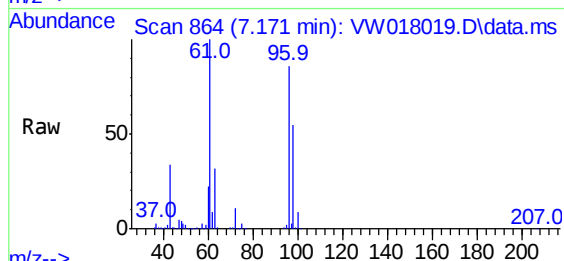




#22
 cis-1,2-Dichloroethene
 Concen: 27.03 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018019.D
 Acq: 02 Feb 2021 18:35

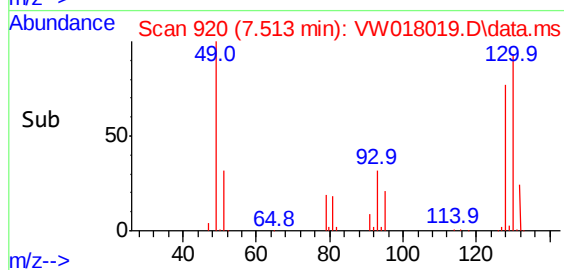
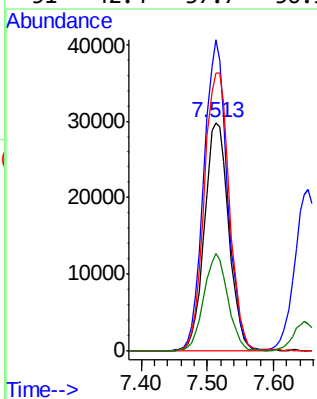
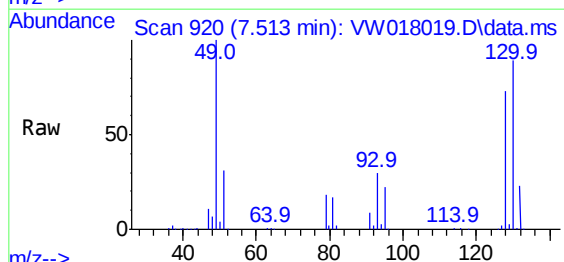
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

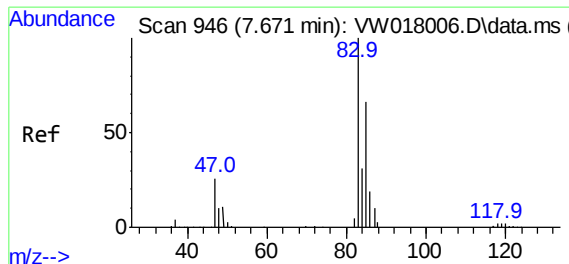
Tgt Ion: 96 Resp: 158406
 Ion Ratio Lower Upper
 96 100
 61 115.6 84.6 157.2
 98 63.3 44.7 82.9



#23
 Bromochloromethane
 Concen: 26.75 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. 0.006 min
 Lab File: VW018019.D
 Acq: 02 Feb 2021 18:35

Tgt Ion: 128 Resp: 75365
 Ion Ratio Lower Upper
 128 100
 49 136.5 101.6 188.6
 130 121.7 90.4 167.8
 51 42.4 37.7 56.5

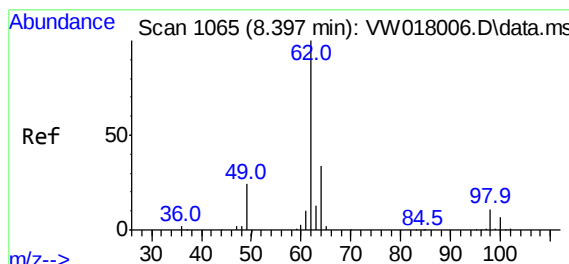
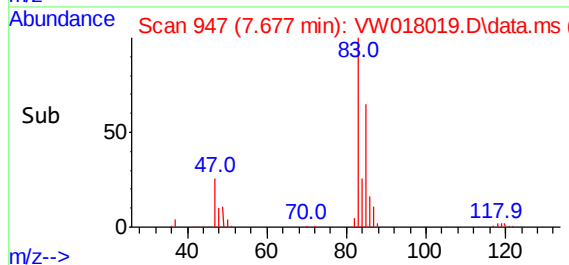
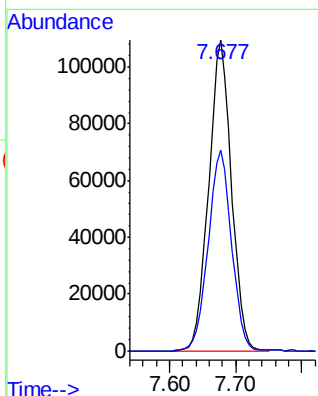
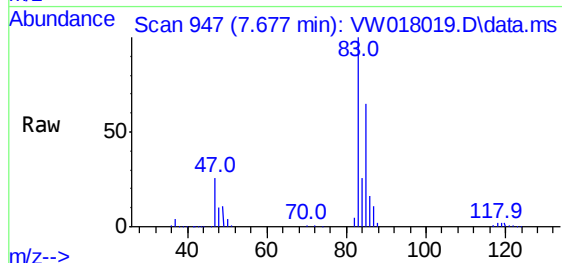




#25
Chloroform
Concen: 26.31 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

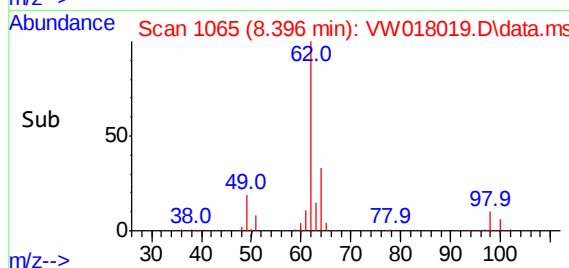
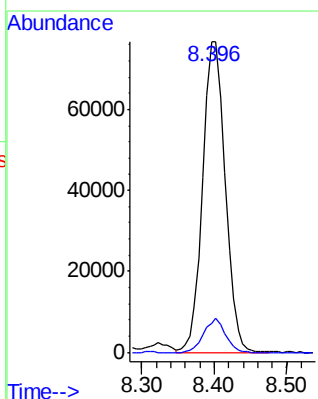
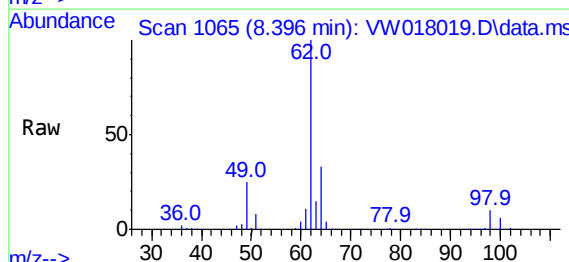
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

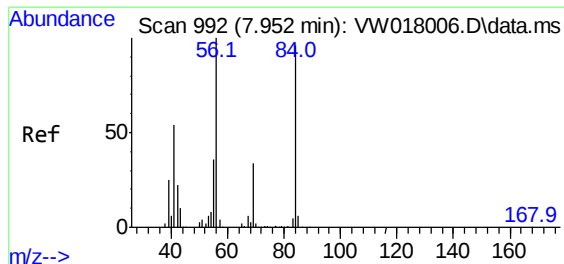
Tgt Ion: 83 Resp: 261849
Ion Ratio Lower Upper
83 100
85 66.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 25.84 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 62 Resp: 166954
Ion Ratio Lower Upper
62 100
98 9.5 8.0 12.0

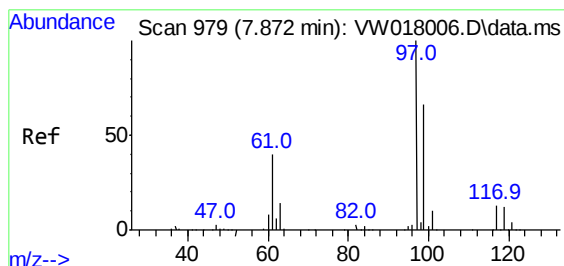
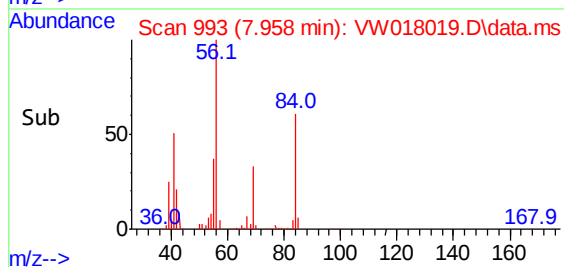
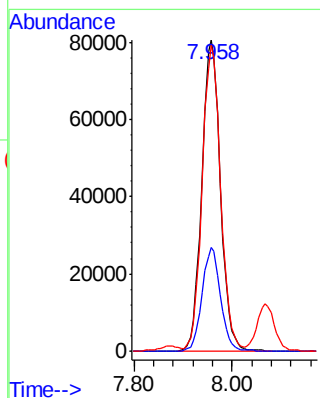
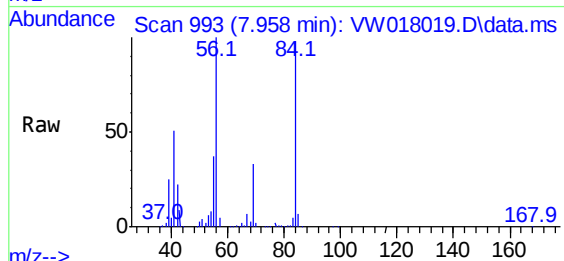




#30
Cyclohexane
Concen: 25.66 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

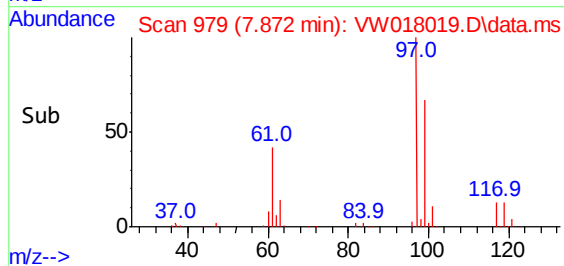
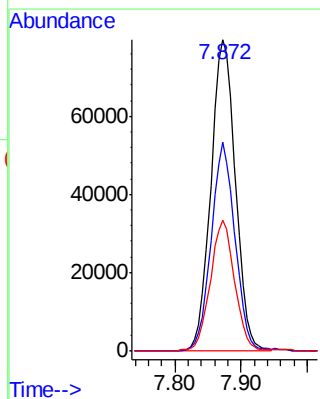
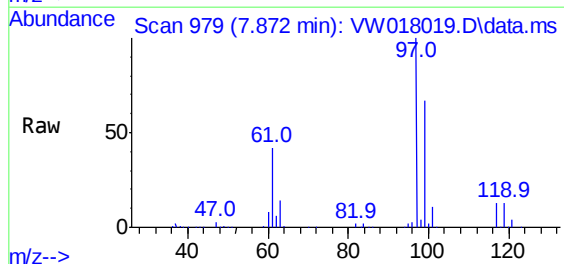
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

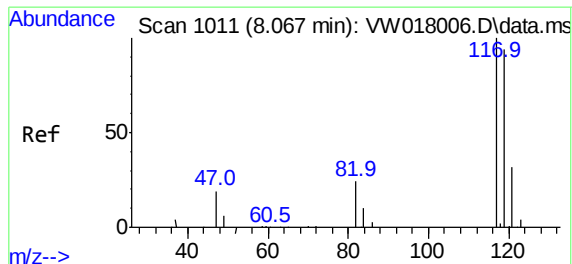
Tgt Ion: 56 Resp: 211278
Ion Ratio Lower Upper
56 100
69 33.0 24.8 37.2
84 98.0 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 25.67 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 97 Resp: 204877
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 41.3 33.6 50.4

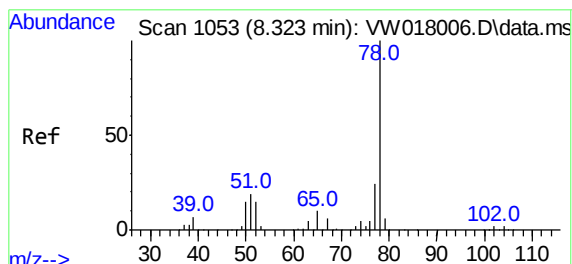
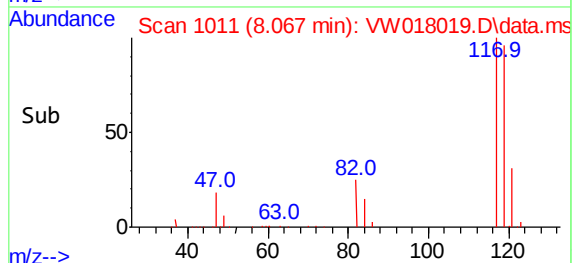
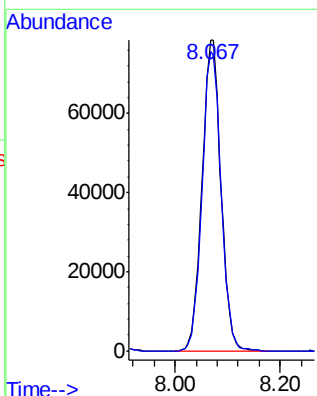
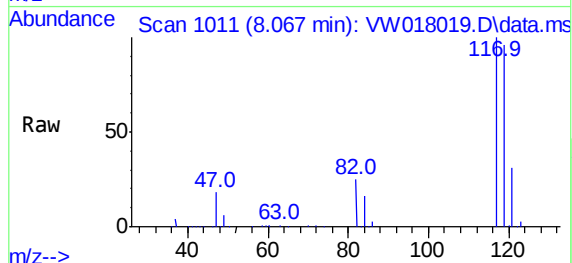




#32
Carbon tetrachloride
Concen: 25.25 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

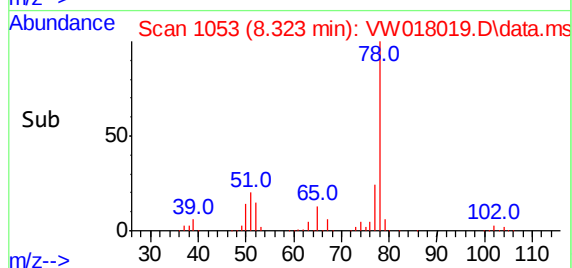
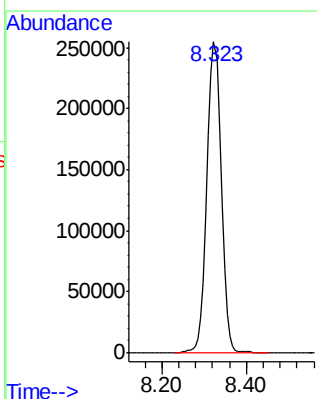
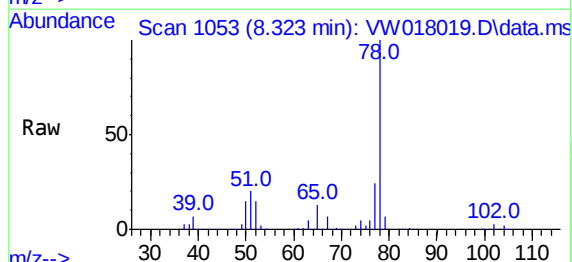
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

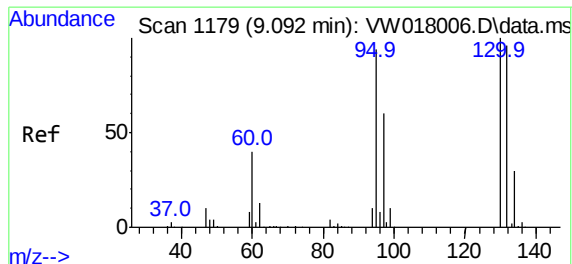
Tgt Ion:117 Resp: 195160
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8



#34
Benzene
Concen: 26.95 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 78 Resp: 566800

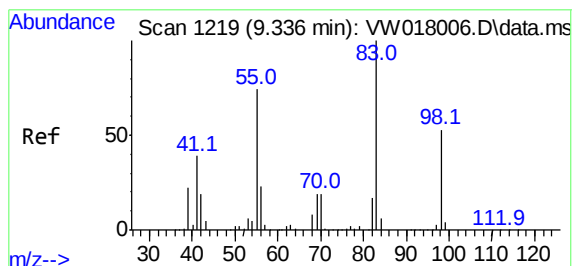
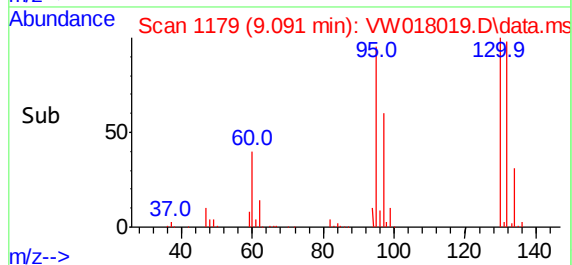
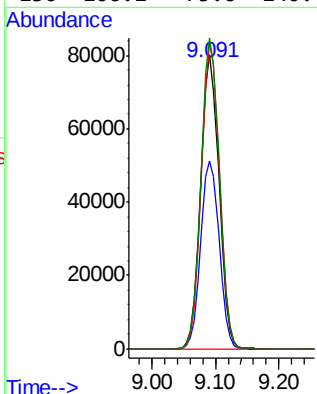
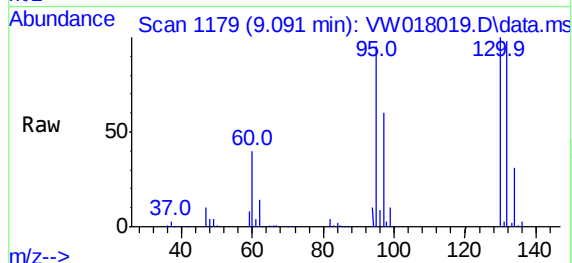




#35
Trichloroethene
Concen: 26.12 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

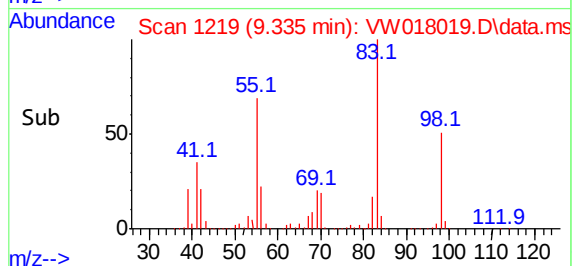
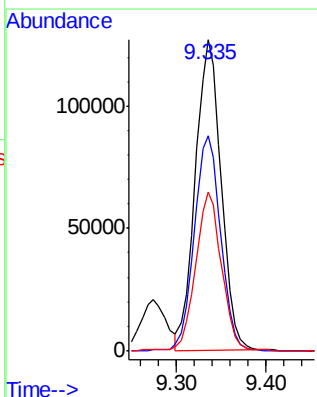
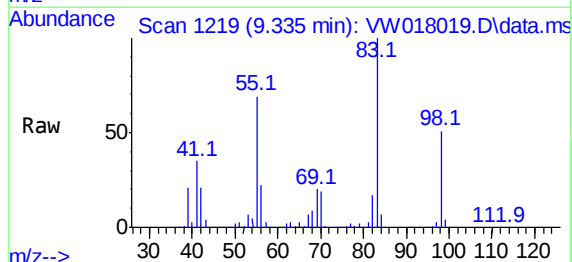
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

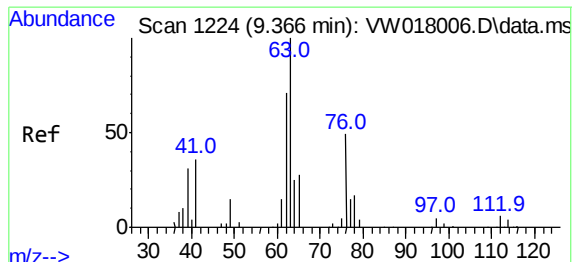
Tgt Ion: 95 Resp: 154852
Ion Ratio Lower Upper
95 100
97 64.7 45.0 83.6
132 102.9 71.0 131.8
130 106.1 75.6 140.4



#36
Methylcyclohexane
Concen: 25.52 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 83 Resp: 254374
Ion Ratio Lower Upper
83 100
55 70.5 59.4 89.0
98 50.9 40.7 61.1

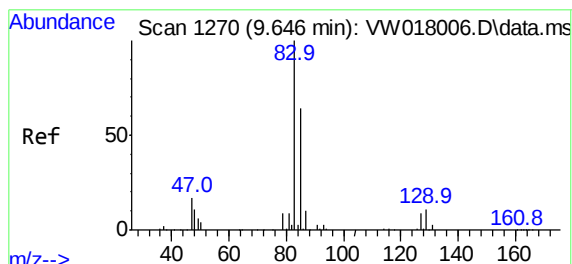
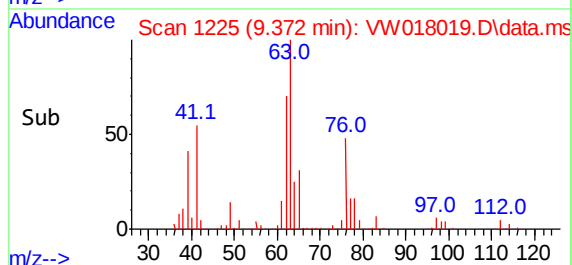
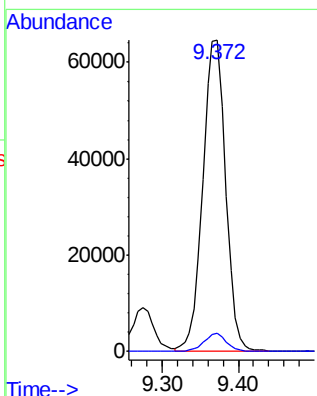
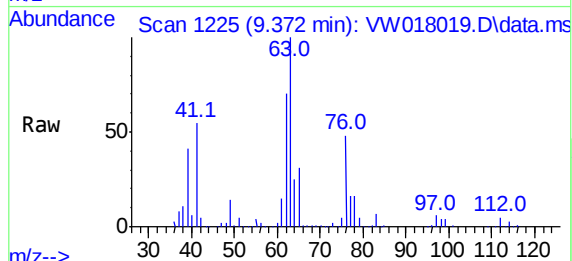




#40
1,2-Dichloropropane
Concen: 27.70 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

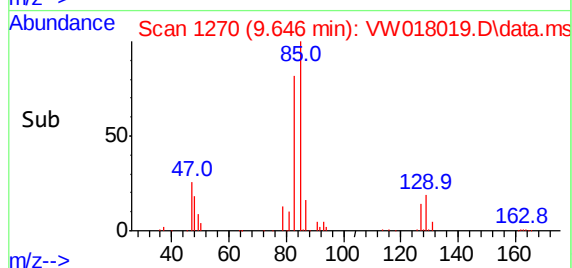
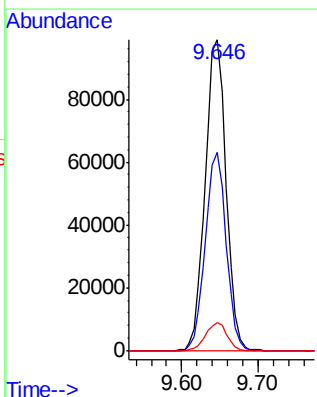
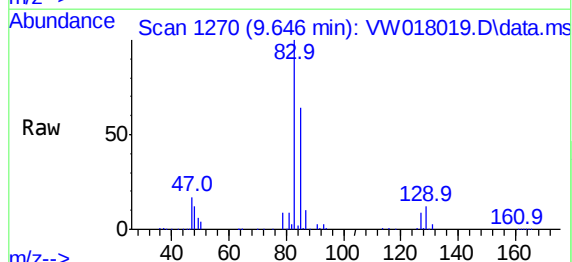
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

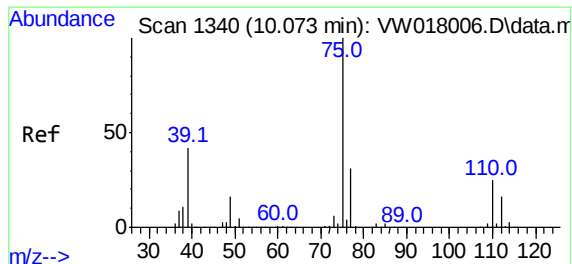
Tgt Ion: 63 Resp: 133724
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.4



#41
Bromodichloromethane
Concen: 27.22 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 83 Resp: 188114
Ion Ratio Lower Upper
83 100
85 63.9 46.8 86.8
127 8.9 7.6 11.4

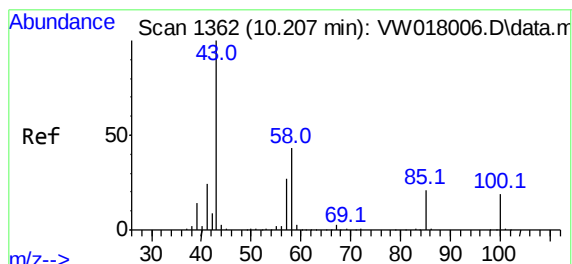
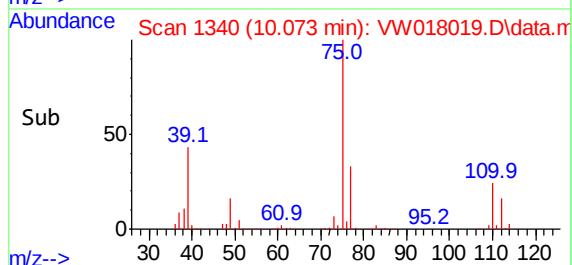
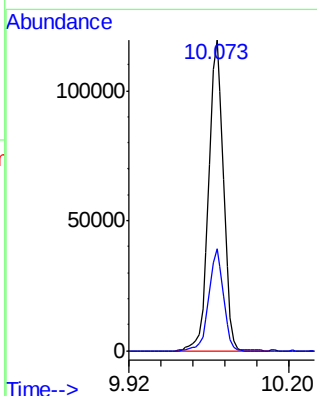
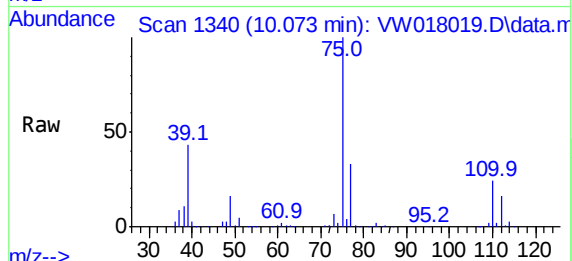




#42
cis-1,3-Dichloropropene
Concen: 27.71 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

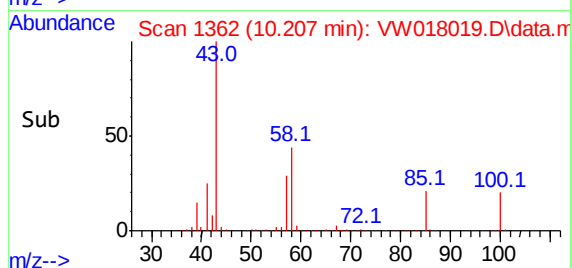
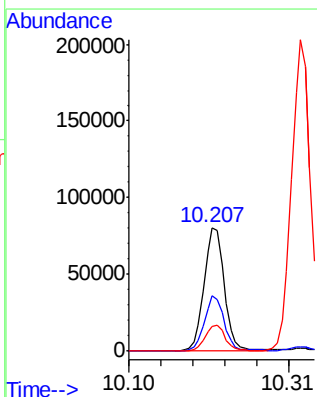
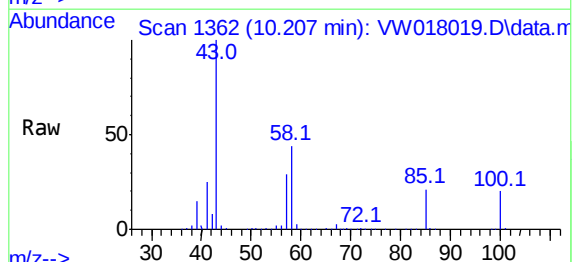
Instrument :
MSVOA_W
ClientSampled :
VSTD02508

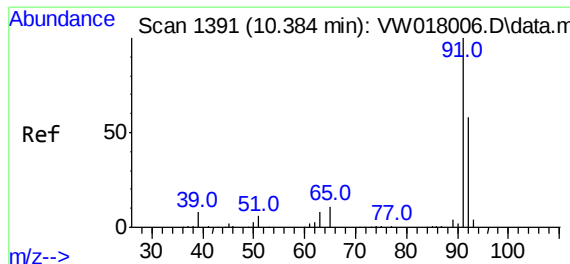
Tgt Ion: 75 Resp: 215565
Ion Ratio Lower Upper
75 100
77 32.9 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 48.29 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 43 Resp: 144937
Ion Ratio Lower Upper
43 100
58 43.0 31.6 47.4
100 19.9 14.1 21.1





#44

Toluene

Concen: 27.09 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018019.D

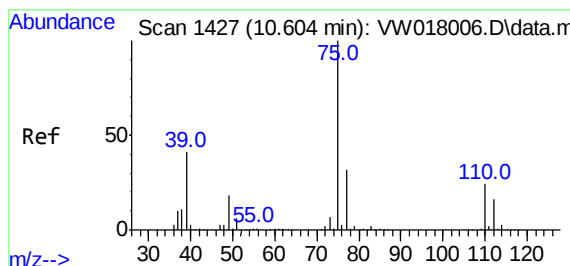
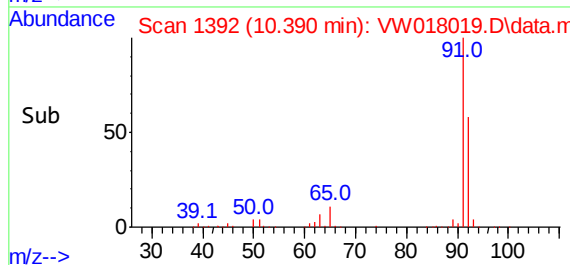
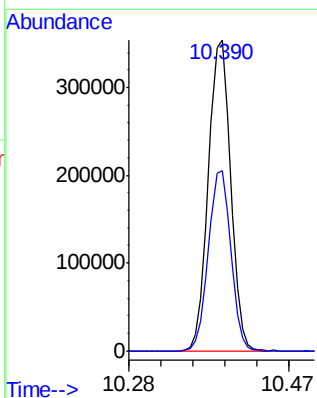
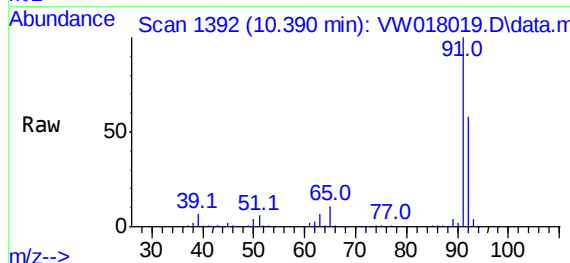
Acq: 02 Feb 2021 18:35

Tgt Ion: 91 Resp: 627137

Ion Ratio Lower Upper

91 100

92 57.9 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 27.28 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW018019.D

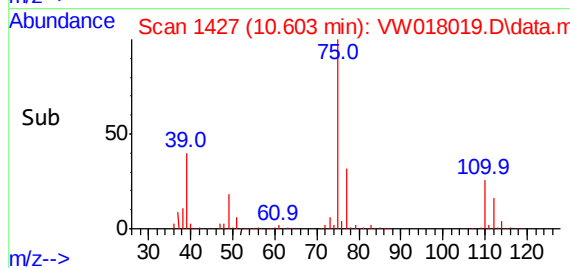
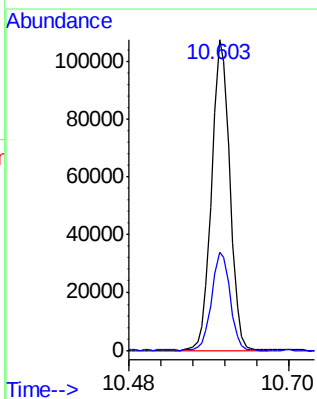
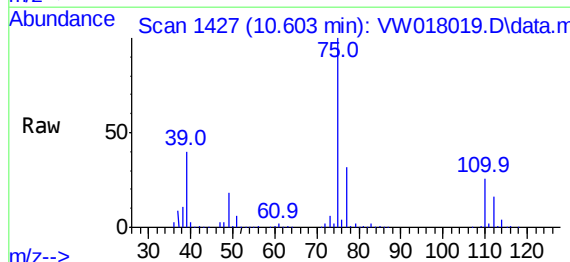
Acq: 02 Feb 2021 18:35

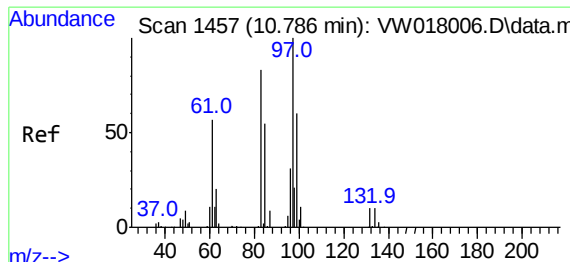
Tgt Ion: 75 Resp: 184705

Ion Ratio Lower Upper

75 100

77 31.8 22.6 42.0



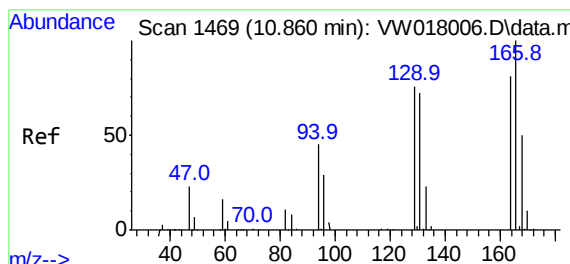
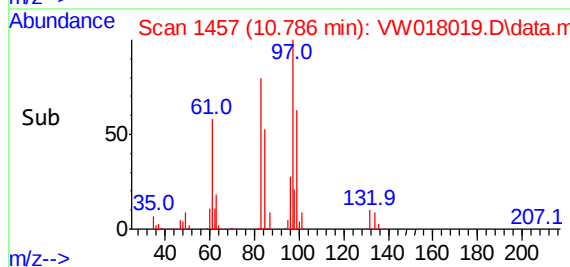
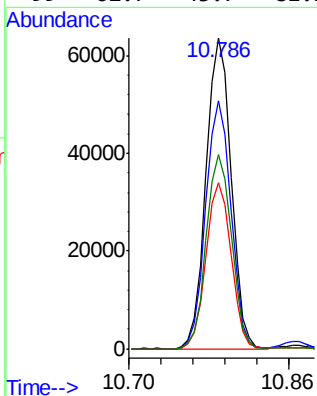
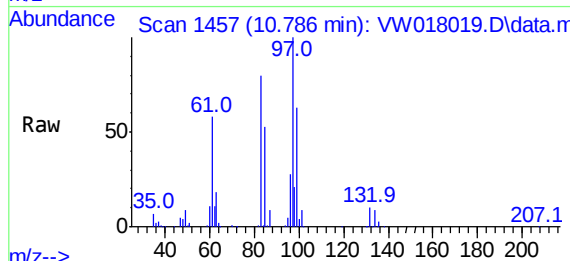


#46
1,1,2-Trichloroethane
Concen: 26.42 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

Tgt Ion: 97 Resp: 108841

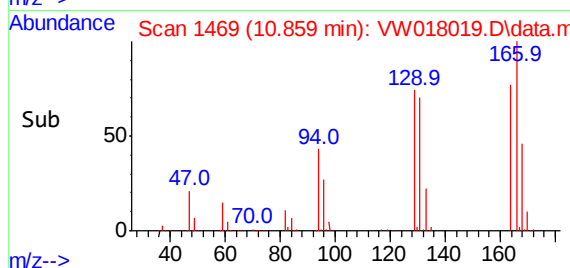
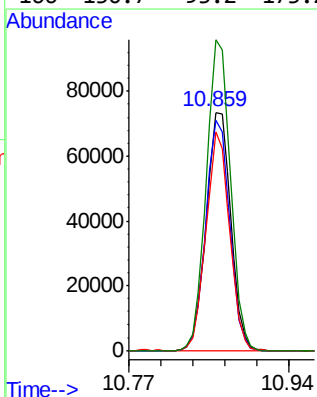
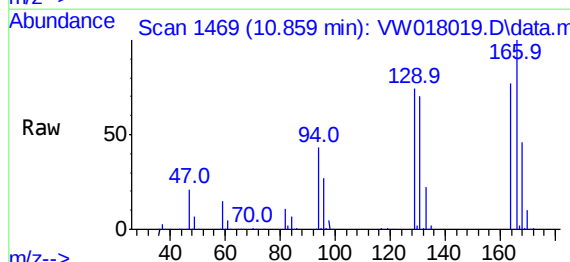
Ion	Ratio	Lower	Upper
97	100		
83	80.0	58.5	108.7
85	53.4	37.8	70.2
99	62.7	43.7	81.1

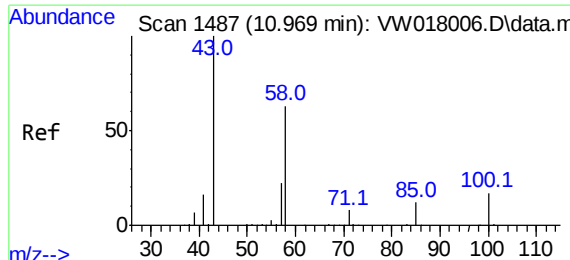


#47
Tetrachloroethene
Concen: 25.57 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 164 Resp: 129030

Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.6	125.6
131	92.1	65.2	121.2
166	130.7	93.2	173.2

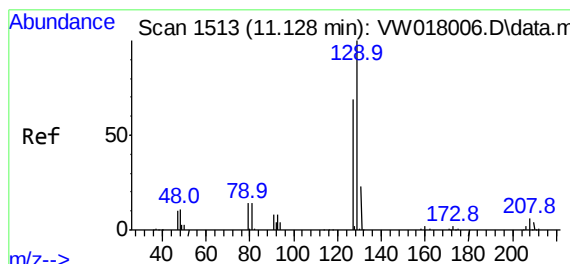
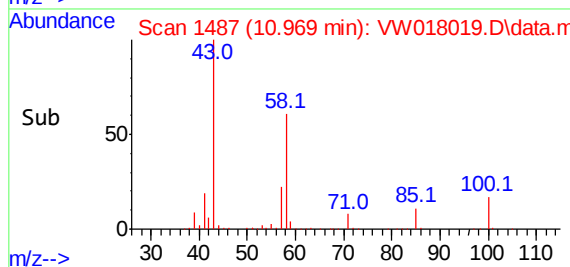
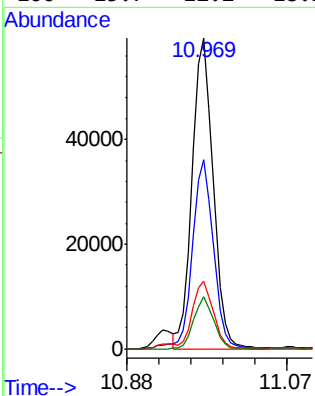
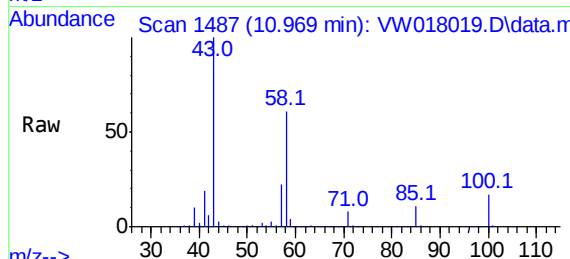




#49
2-Hexanone
Concen: 48.25 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

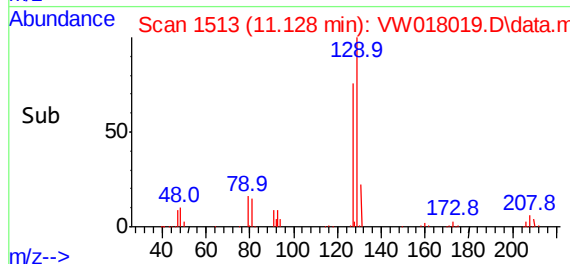
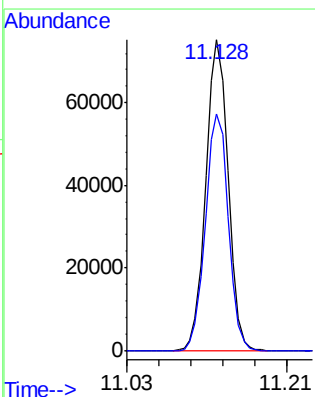
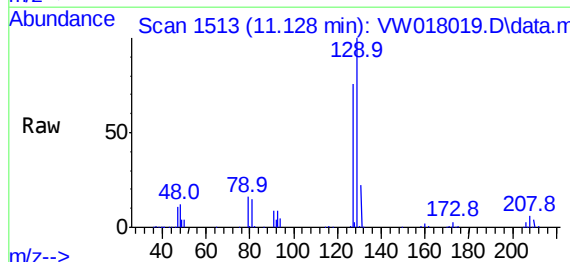
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

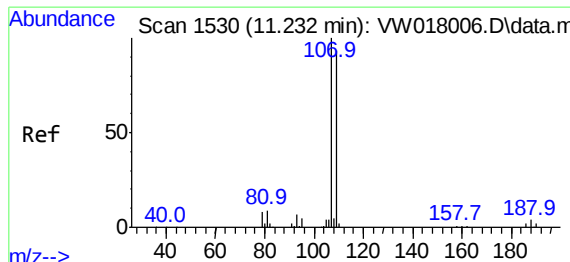
Tgt Ion: 43 Resp: 100635
Ion Ratio Lower Upper
43 100
58 59.3 51.3 76.9
57 21.3 15.0 22.6
100 15.7 12.2 18.2



#50
Dibromochloromethane
Concen: 26.34 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 129 Resp: 130041
Ion Ratio Lower Upper
129 100
127 76.2 53.2 98.8

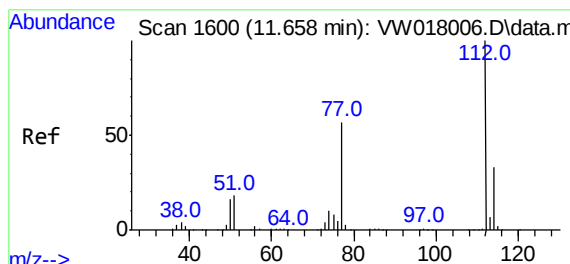
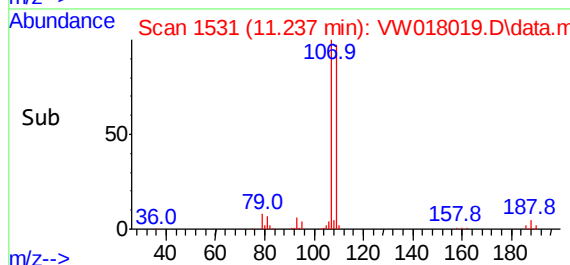
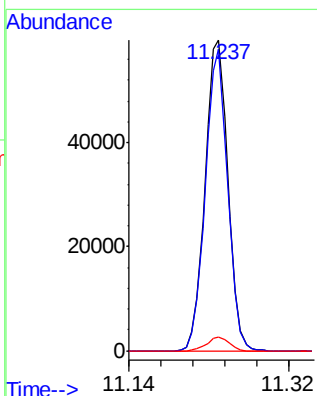
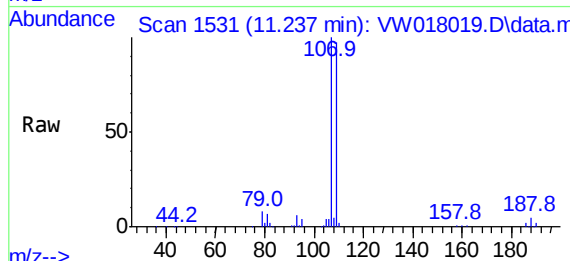




#51
1,2-Dibromoethane
Concen: 25.69 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

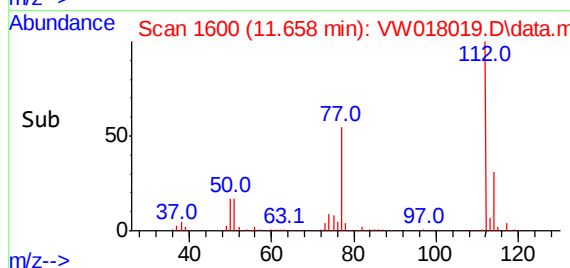
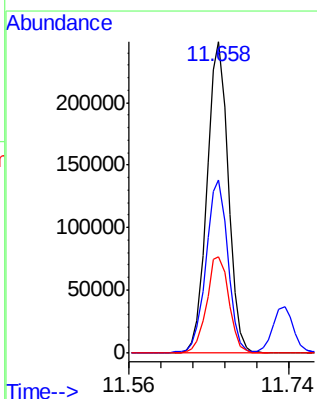
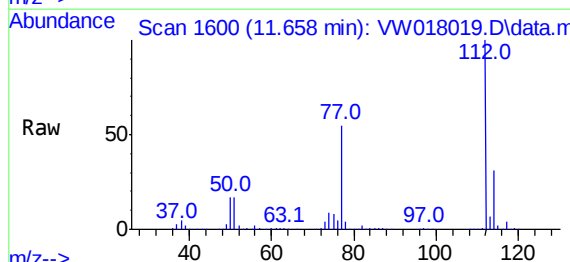
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

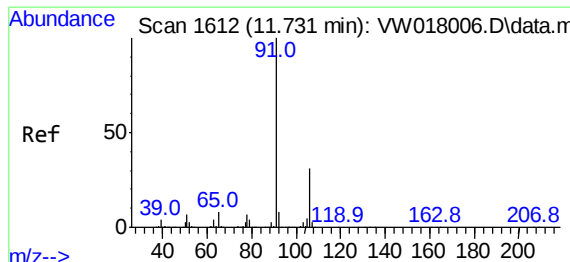
Tgt Ion:107 Resp: 105566
Ion Ratio Lower Upper
107 100
109 97.1 66.4 123.2
188 4.5 4.0 6.0



#52
Chlorobenzene
Concen: 26.79 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion:112 Resp: 408618
Ion Ratio Lower Upper
112 100
77 55.4 42.6 64.0
114 30.8 21.6 40.2

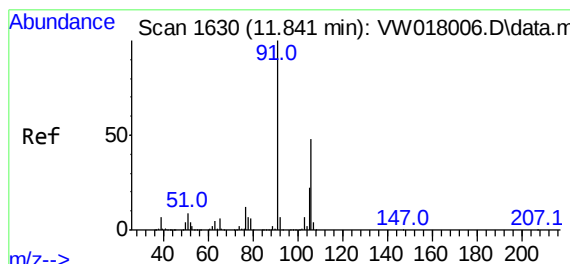
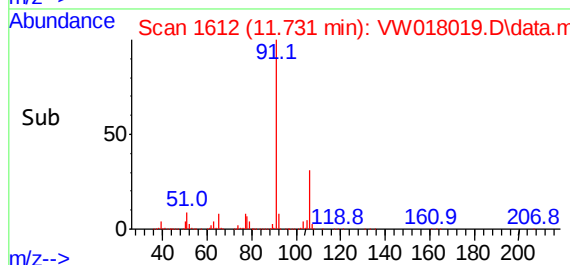
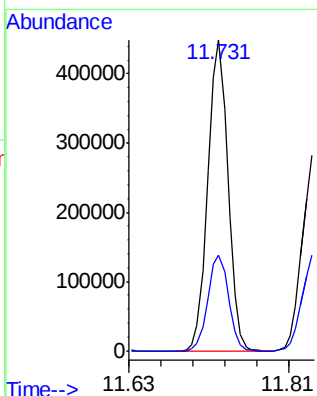
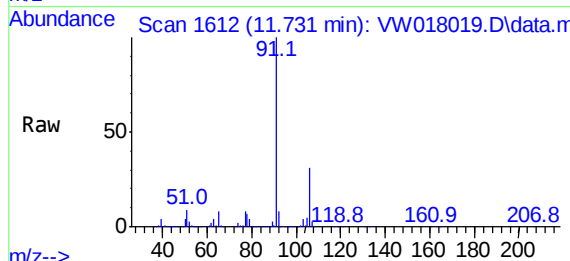




#53
Ethylbenzene
Concen: 26.73 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

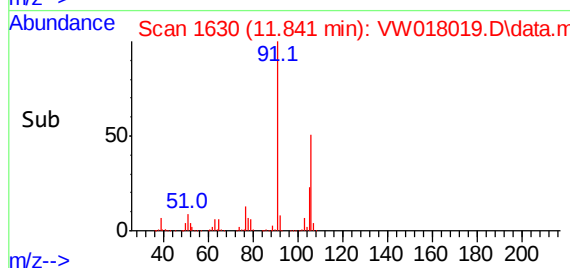
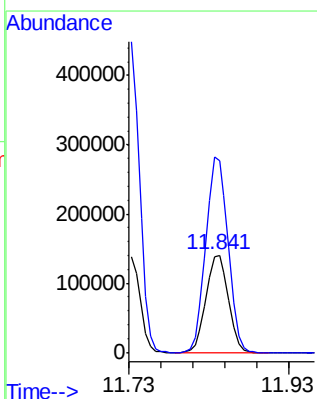
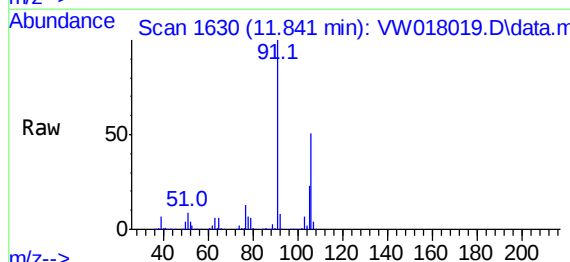
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

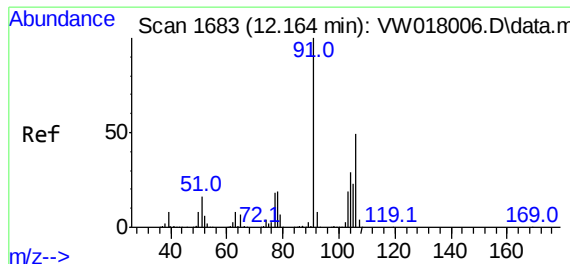
Tgt Ion: 91 Resp: 703127
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.1



#54
m,p-Xylene
Concen: 27.13 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 106 Resp: 272101
Ion Ratio Lower Upper
106 100
91 197.0 136.4 253.4

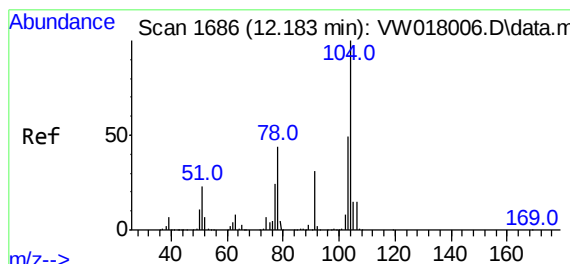
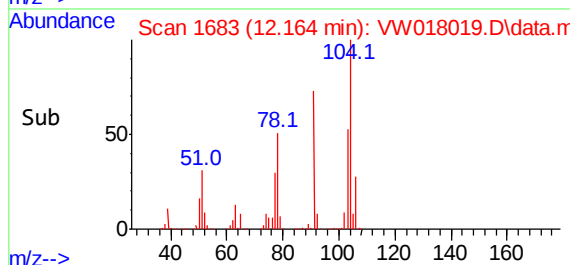
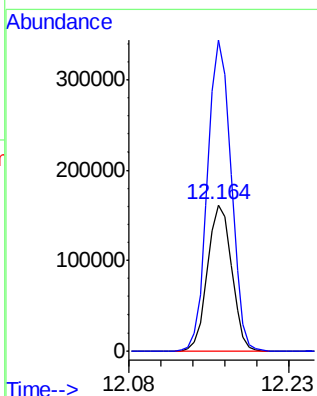
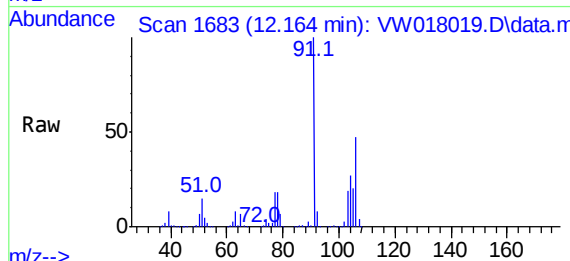




#55
o-xylene
Concen: 27.67 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

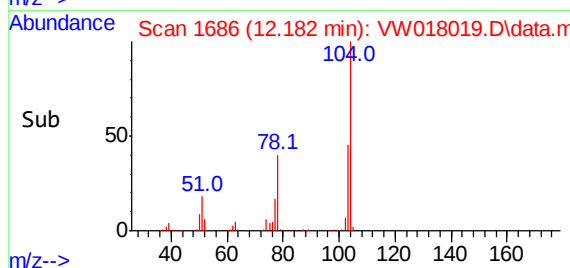
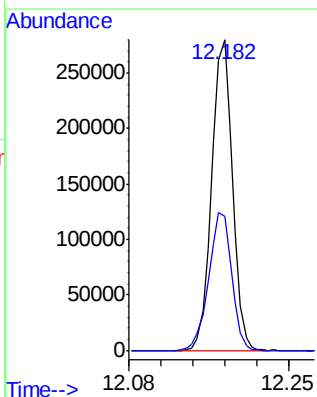
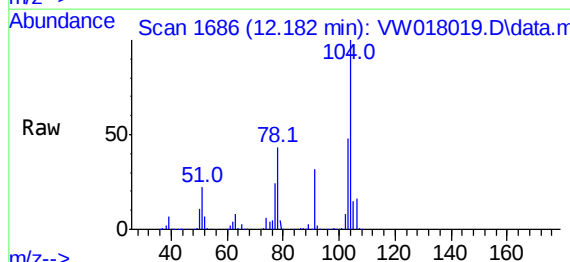
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

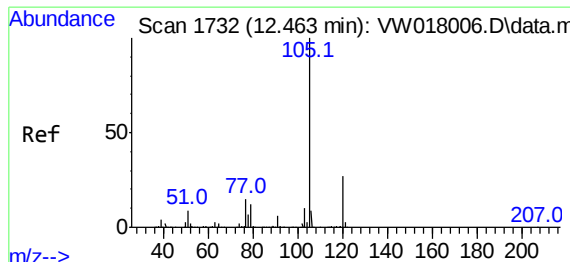
Tgt Ion:106 Resp: 263346
Ion Ratio Lower Upper
106 100
91 212.5 147.6 274.2



#56
Styrene
Concen: 27.88 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion:104 Resp: 451256
Ion Ratio Lower Upper
104 100
78 43.2 31.3 58.1

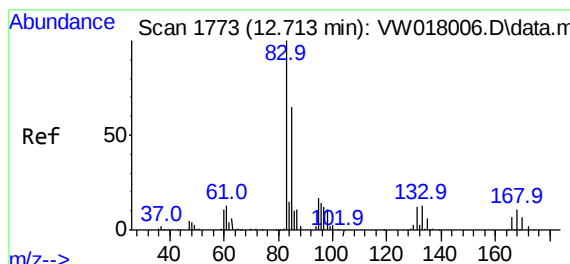
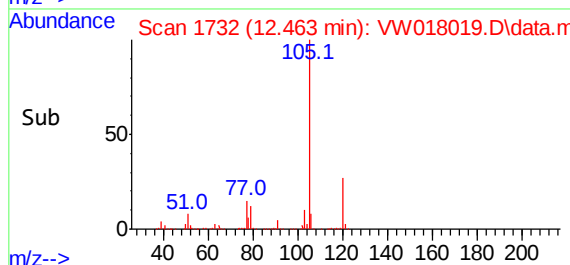
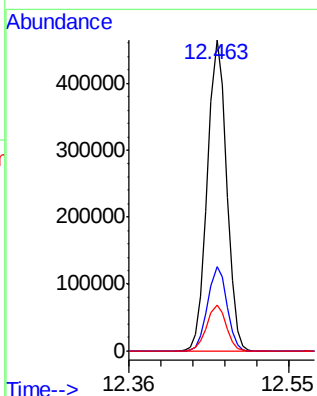
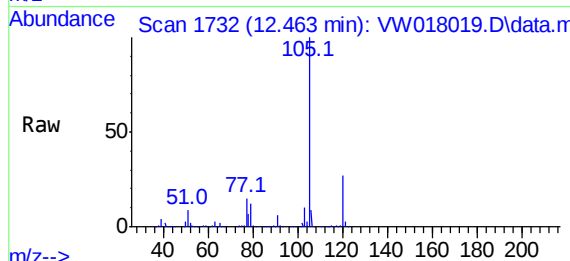




#57
Isopropylbenzene
Concen: 26.61 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

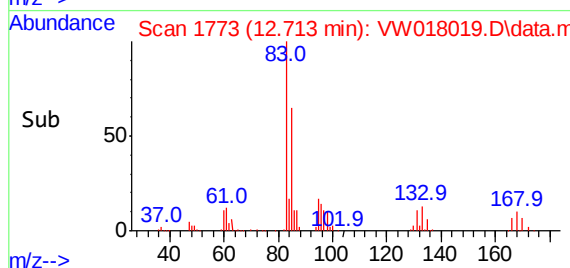
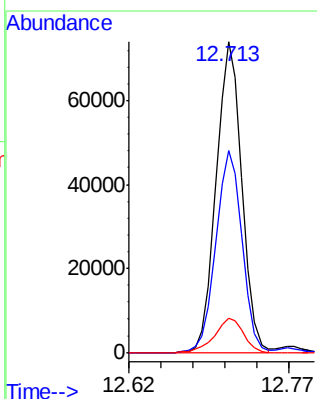
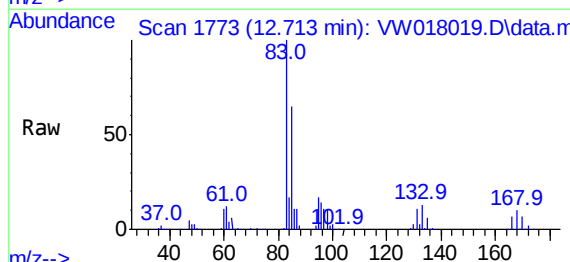
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

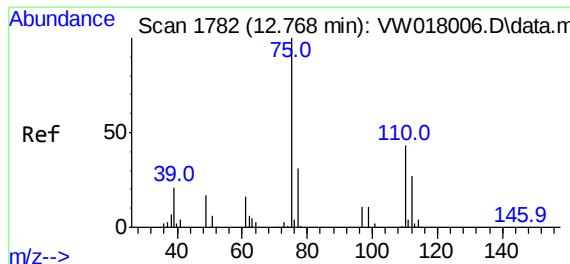
Tgt Ion:105 Resp: 705297
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.2
77 14.8 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 24.81 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 83 Resp: 120936
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1
131 11.1 8.3 12.5

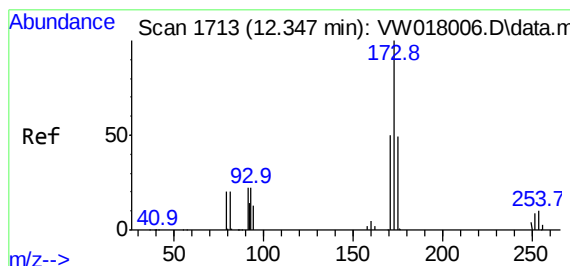
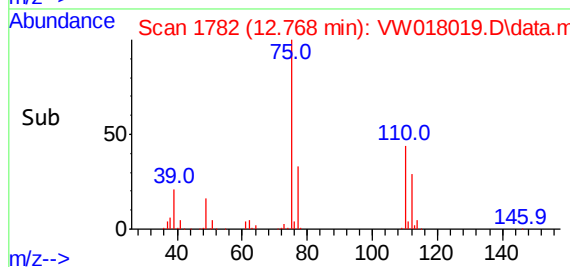
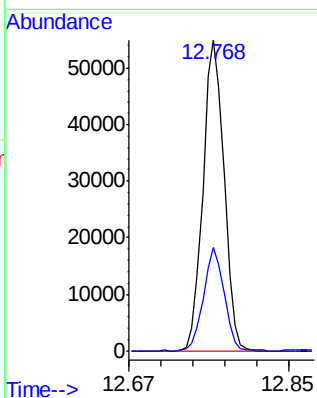
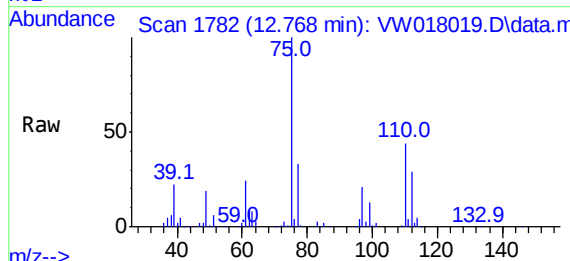




#59
1,2,3-Trichloropropane
Concen: 24.32 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

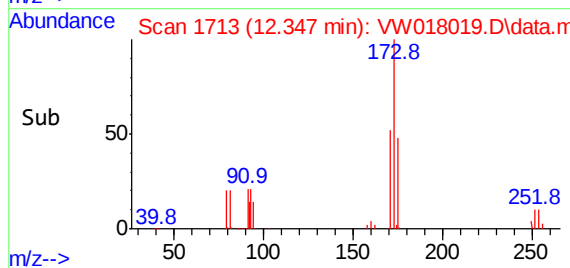
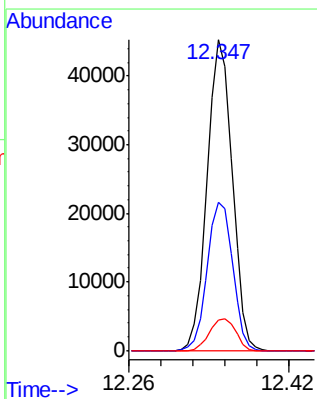
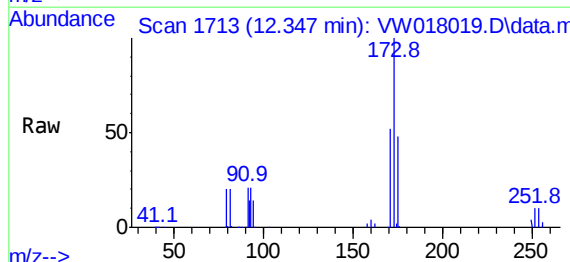
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

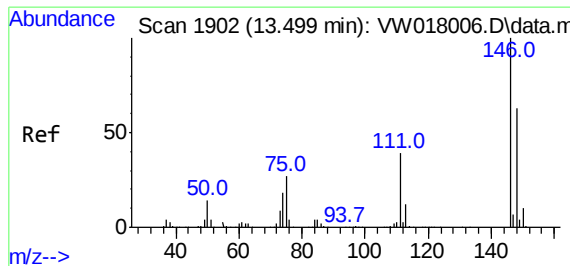
Tgt Ion: 75 Resp: 89795
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8



#62
Bromoform
Concen: 25.89 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 173 Resp: 77067
Ion Ratio Lower Upper
173 100
175 48.5 39.1 58.7
254 10.6 7.1 10.7

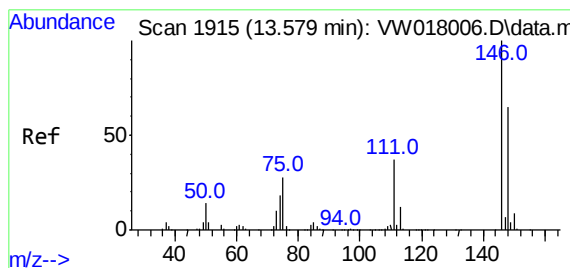
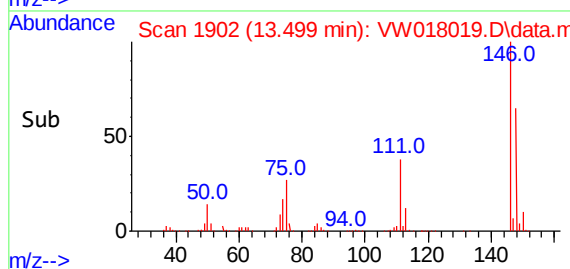
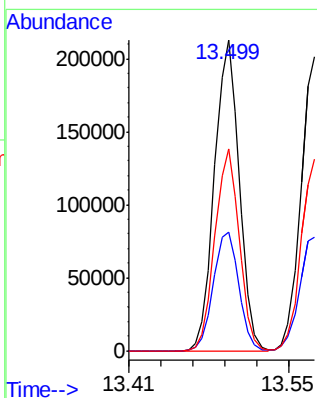
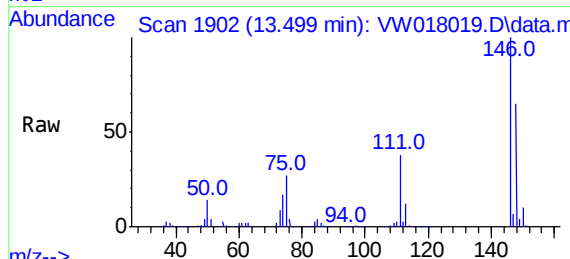




#63
1,3-Dichlorobenzene
Concen: 27.26 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

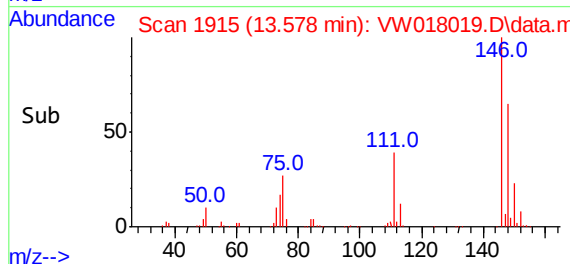
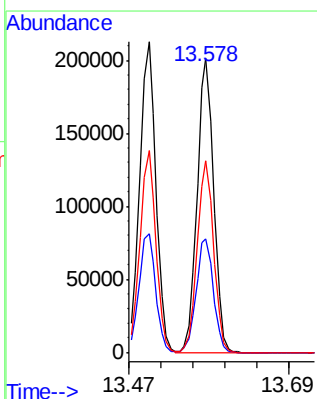
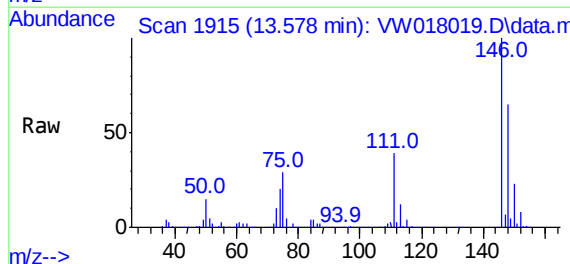
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

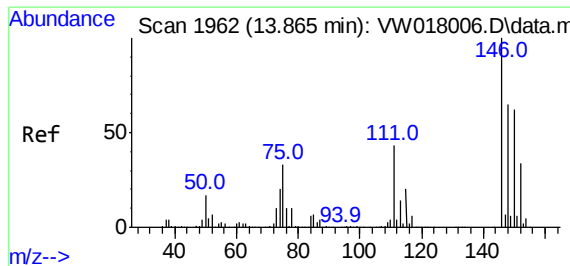
Tgt Ion:146 Resp: 335590
Ion Ratio Lower Upper
146 100
111 38.3 28.5 52.9
148 64.9 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 26.07 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion:146 Resp: 322891
Ion Ratio Lower Upper
146 100
111 38.7 27.7 51.5
148 65.3 47.0 87.2

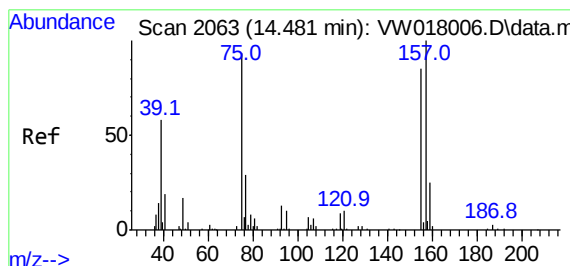
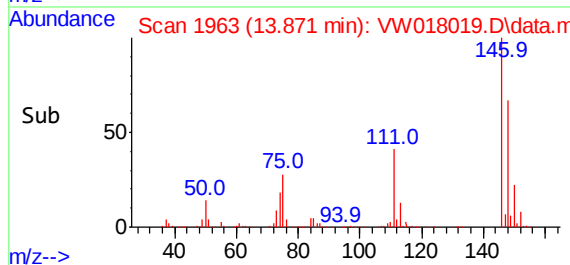
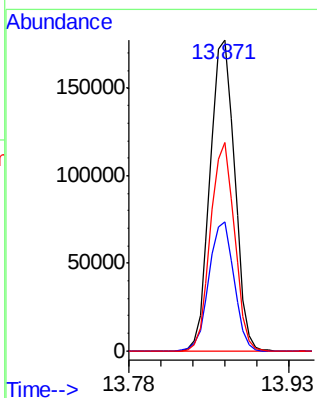
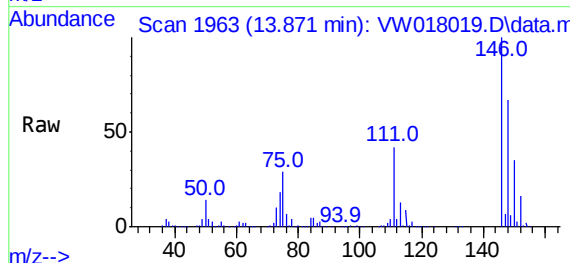




#65
1,2-Dichlorobenzene
Concen: 26.73 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

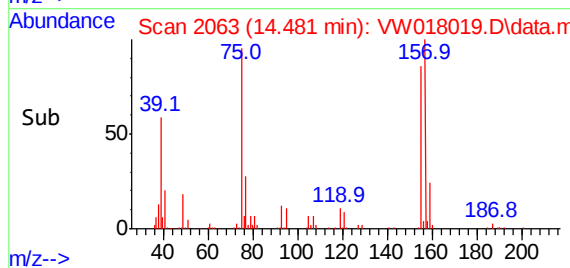
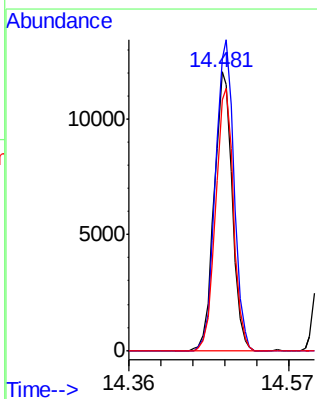
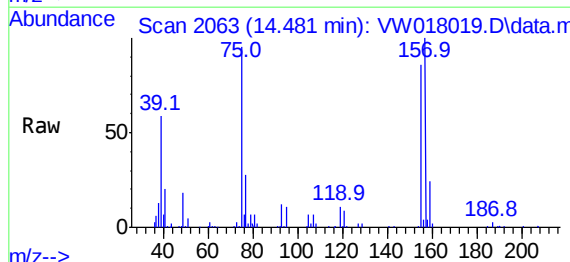
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

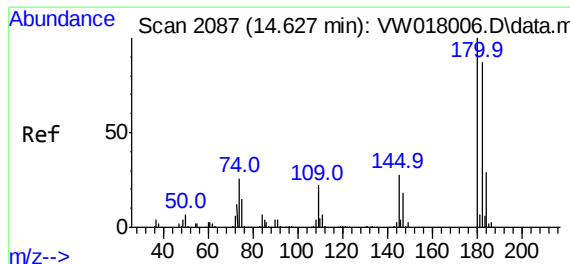
Tgt Ion:146 Resp: 296743
Ion Ratio Lower Upper
146 100
111 41.6 31.7 47.5
148 67.2 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 23.49 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion: 75 Resp: 19759
Ion Ratio Lower Upper
75 100
157 104.9 99.9 149.9
155 90.2 71.4 107.0

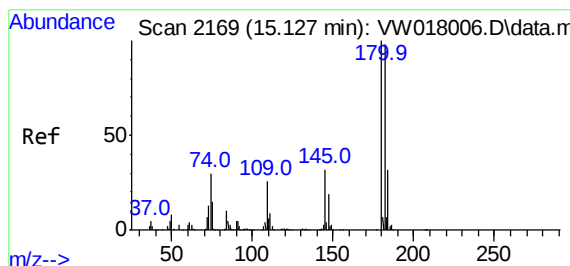
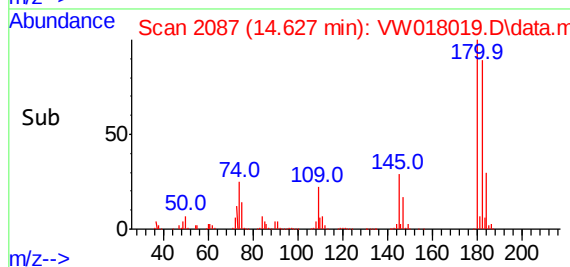
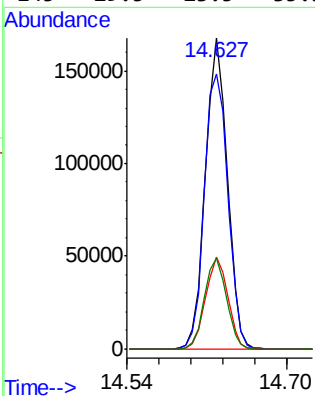
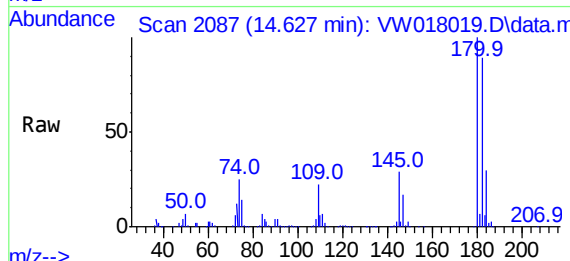




#67
1,3,5-Trichlorobenzene
Concen: 26.44 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

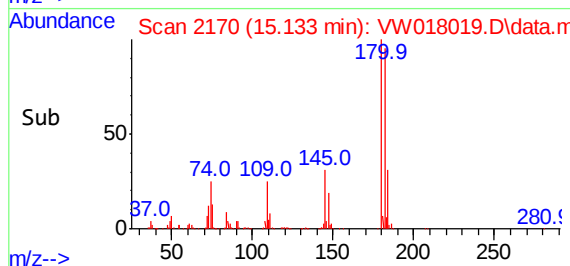
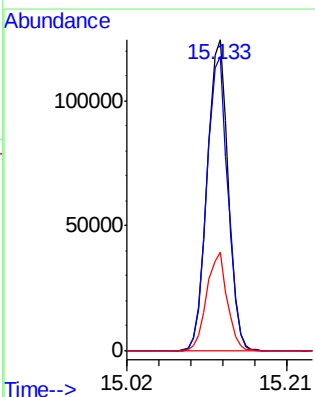
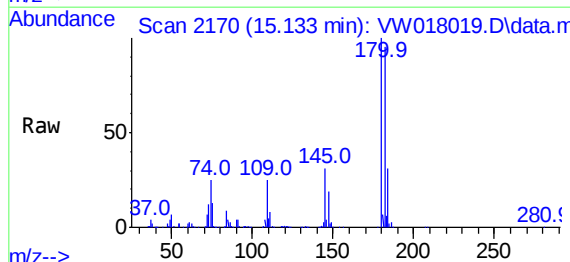
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

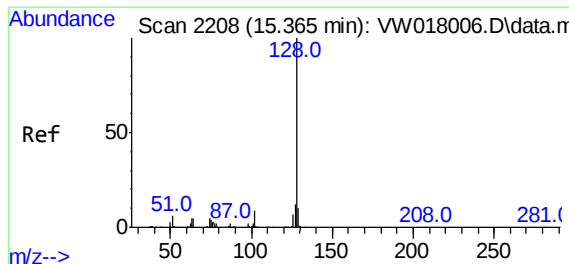
Tgt Ion:180 Resp: 250106
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.6
184 29.9 24.2 36.4
145 29.5 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 26.13 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion:180 Resp: 206069
Ion Ratio Lower Upper
180 100
182 95.3 71.3 106.9
145 30.6 24.0 36.0

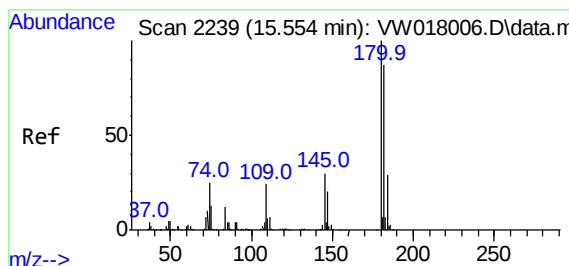
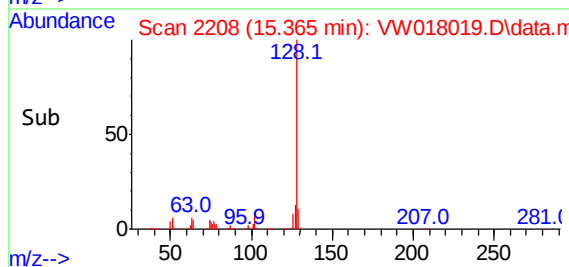
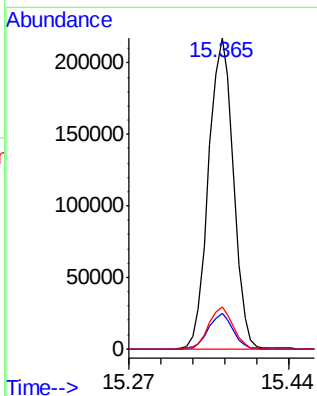
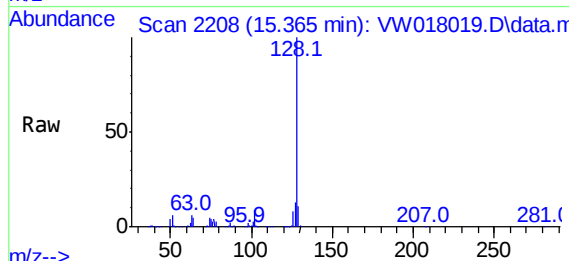




#69
Naphthalene
Concen: 25.28 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

Tgt Ion:128 Resp: 387915
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: 26.68 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018019.D
Acq: 02 Feb 2021 18:35

Tgt Ion:180 Resp: 187557
Ion Ratio Lower Upper
180 100
182 92.6 74.7 112.1
145 31.2 25.4 38.0

