

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020921\
 Data File : VW018055.D
 Acq On : 09 Feb 2021 09:44
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Feb 10 01:48:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 03:23:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	378571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	336430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	175029	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103482	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
7) Chloroethane-d5	2.891	69	85685	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.80%
10) 1,1-Dichloroethene-d2	4.025	63	231328	24.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.36%
20) 2-Butanone-d5	7.074	46	60027	47.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.62%
24) Chloroform-d	7.647	84	241514	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.305	65	124944	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.44%
29) Benzene-d6	8.275	84	463547	25.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.36%
33) 1,2-Dichloropropane-d6	9.274	67	129735	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.44%
37) Toluene-d8	10.323	98	449668	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.32%
38) trans-1,3-Dichloroprop...	10.579	79	60842	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.92%
39) 2-Hexanone-d5	10.920	63	49557	50.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.34%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	113552	25.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.08%
61) 1,2-Dichlorobenzene-d4	13.853	152	158784	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	136946	26.74	ug/L	95
3) Chloromethane	2.215	50	97247	25.78	ug/L	99
5) Vinyl chloride	2.367	62	143942	27.66	ug/L	100
6) Bromomethane	2.782	94	96018	25.95	ug/L	99
8) Chloroethane	2.928	64	83637	26.90	ug/L	99
9) Trichlorofluoromethane	3.263	101	107222	28.50	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	149168	27.75	ug/L	# 66
12) 1,1-Dichloroethene	4.038	96	139799	27.64	ug/L	93
13) Acetone	4.123	43	44677	48.10	ug/L	97
14) Carbon disulfide	4.385	76	413445	28.07	ug/L	98
15) Methyl Acetate	4.672	43	52081	25.27	ug/L	97
16) Methylene chloride	4.915	84	135807	22.38	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	150213	26.45	ug/L	97
18) trans-1,2-Dichloroethene	5.421	96	147756	27.33	ug/L	96
19) 1,1-Dichloroethane	6.220	63	232083	26.60	ug/L	98
21) 2-Butanone	7.165	43	67663	47.85	ug/L	95
22) cis-1,2-Dichloroethene	7.165	96	151434	27.01	ug/L	97
23) Bromochloromethane	7.513	128	70093	26.01	ug/L	92
25) Chloroform	7.671	83	249234	26.18	ug/L	98
27) 1,2-Dichloroethane	8.396	62	156394	25.31	ug/L	98

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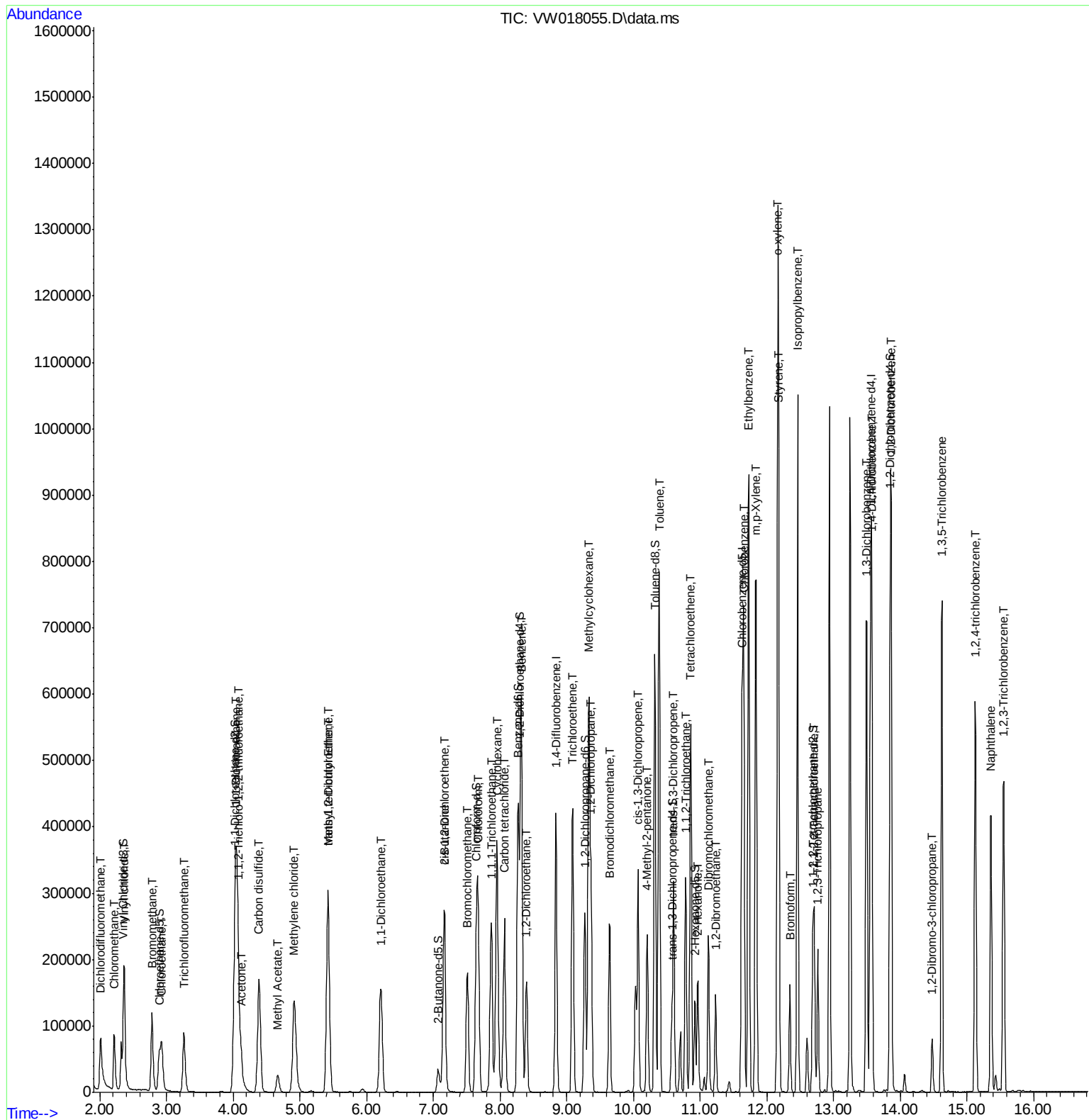
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.951	56	220481	28.65	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	216520	29.03	ug/L	99
32) Carbon tetrachloride	8.067	117	208929	28.92	ug/L	98
34) Benzene	8.323	78	542240	27.58	ug/L	100
35) Trichloroethene	9.091	95	152262	27.48	ug/L	99
36) Methylcyclohexane	9.335	83	266893	28.64	ug/L	96
40) 1,2-Dichloropropane	9.366	63	124041	27.49	ug/L	100
41) Bromodichloromethane	9.640	83	177689	27.50	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	206068	28.34	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	145043	51.70	ug/L	95
44) Toluene	10.390	91	601727	27.80	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	177880	28.10	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	104988	27.26	ug/L	98
47) Tetrachloroethene	10.859	164	134642	28.54	ug/L	93
49) 2-Hexanone	10.969	43	99948	51.26	ug/L	95
50) Dibromochloromethane	11.128	129	128489	27.84	ug/L	98
51) 1,2-Dibromoethane	11.231	107	102475	26.67	ug/L #	99
52) Chlorobenzene	11.658	112	391989	27.50	ug/L	98
53) Ethylbenzene	11.731	91	677648	27.56	ug/L	98
54) m,p-Xylene	11.841	106	262650	28.01	ug/L	95
55) o-xylene	12.164	106	246597	27.72	ug/L	94
56) Styrene	12.182	104	420464	27.79	ug/L	94
57) Isopropylbenzene	12.463	105	690198	27.86	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	118926	26.10	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	89470	25.92	ug/L	98
62) Bromoform	12.347	173	77400	28.70	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	315600	28.29	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	308777	27.52	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	280531	27.88	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	20248	26.57	ug/L	96
67) 1,3,5-Trichlorobenzene	14.627	180	245875	28.69	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	198403	27.77	ug/L	95
69) Naphthalene	15.359	128	383093	27.56	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	176220	27.67	ug/L	99

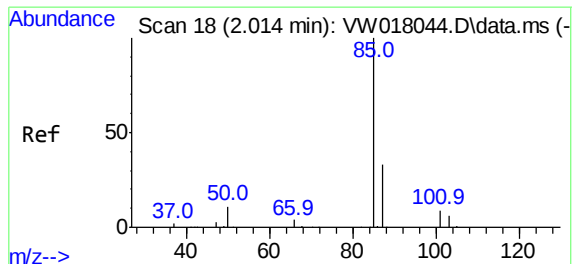
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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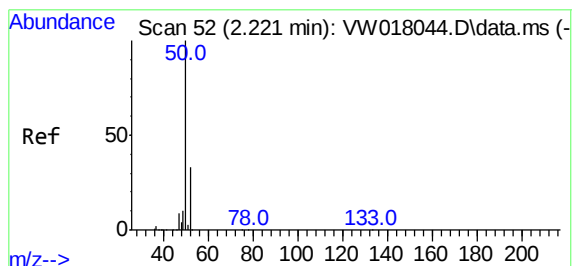
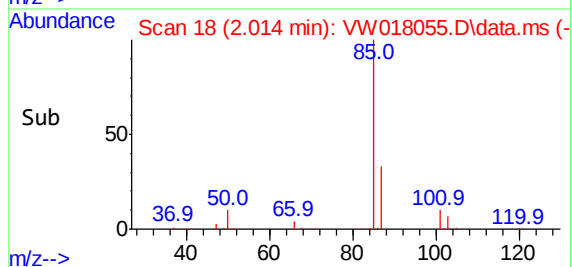
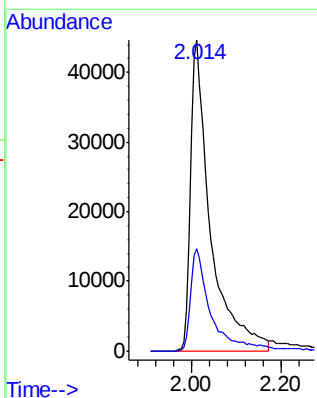
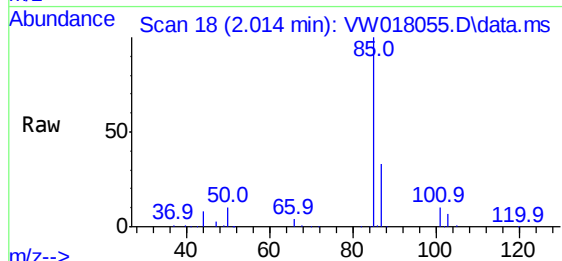




#2
Dichlorodifluoromethane
Concen: 26.74 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

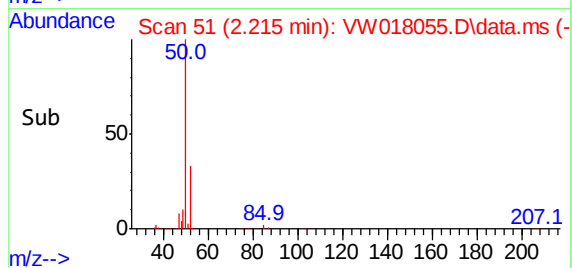
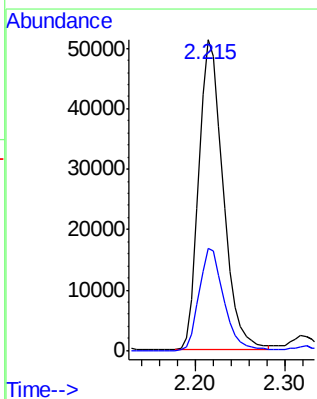
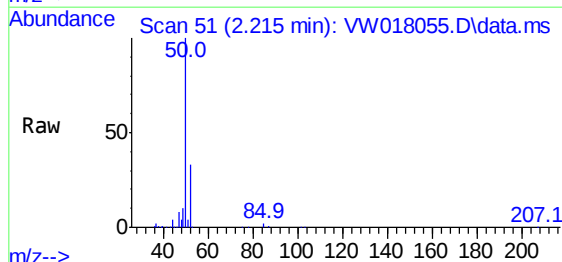
Instrument :
MSVOA_W
ClientSampleId :
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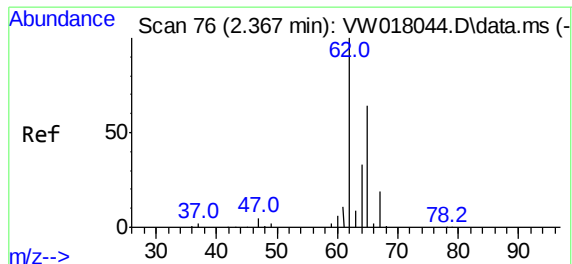
Tgt Ion: 85 Resp: 136946
Ion Ratio Lower Upper
85 100
87 30.1 23.2 43.0



#3
Chloromethane
Concen: 25.78 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 50 Resp: 97247
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.6

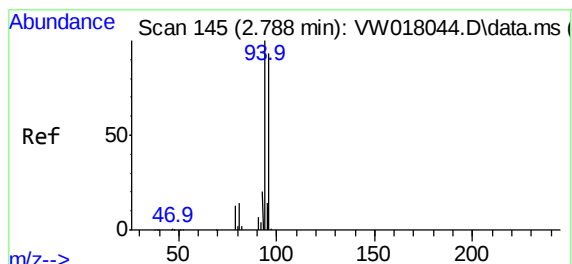
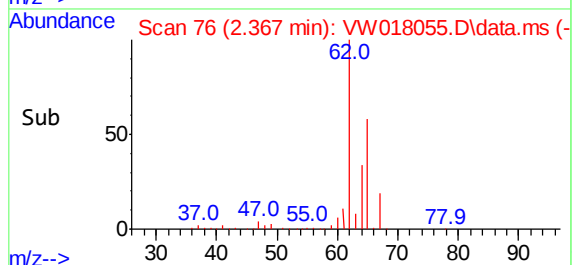
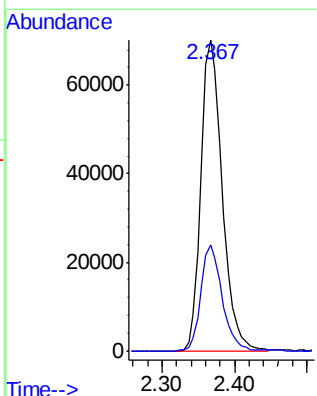
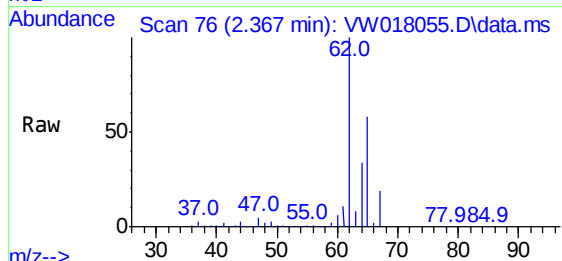




#5
 Vinyl chloride
 Concen: 27.66 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

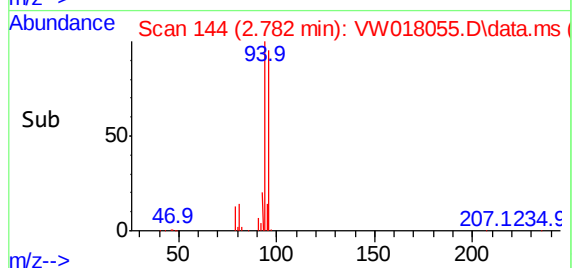
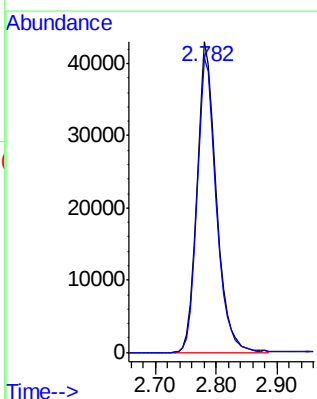
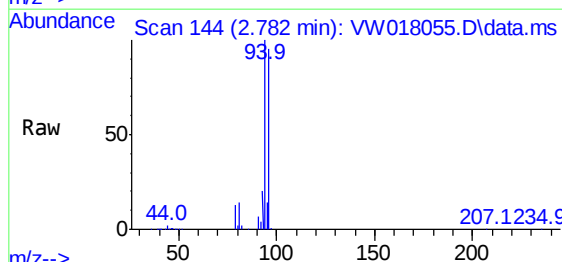
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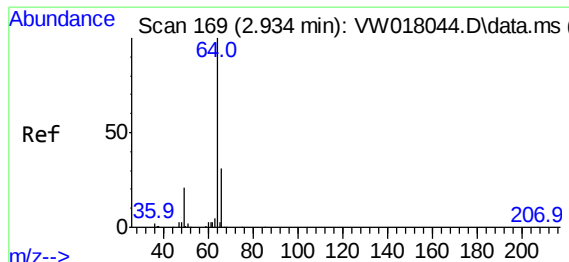
Tgt Ion: 62 Resp: 143942
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.9 44.5



#6
 Bromomethane
 Concen: 25.95 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

Tgt Ion: 94 Resp: 96018
 Ion Ratio Lower Upper
 94 100
 96 94.7 9.4 178.0

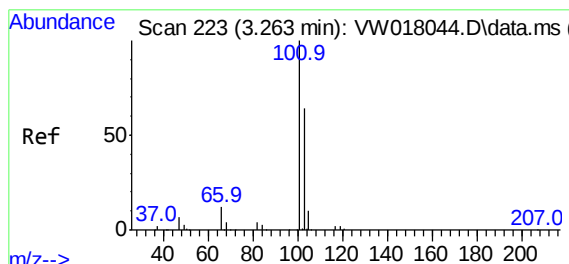
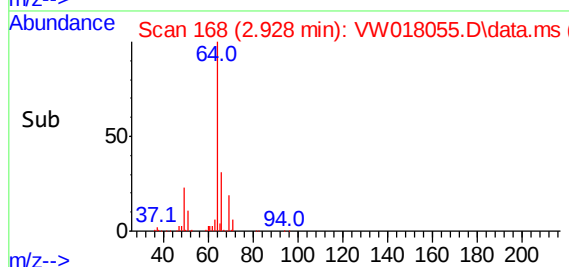
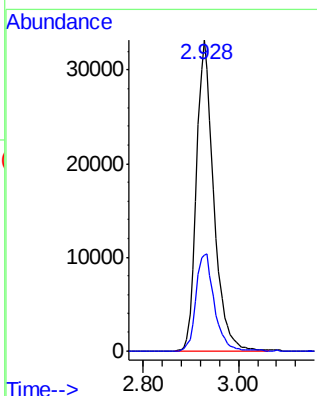
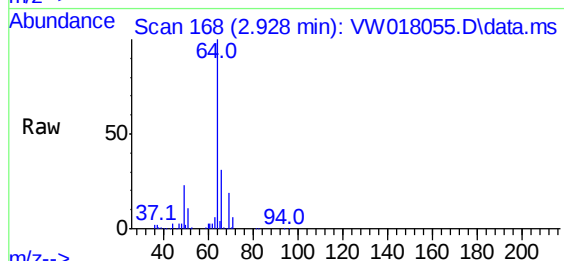




#8
Chloroethane
Concen: 26.90 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

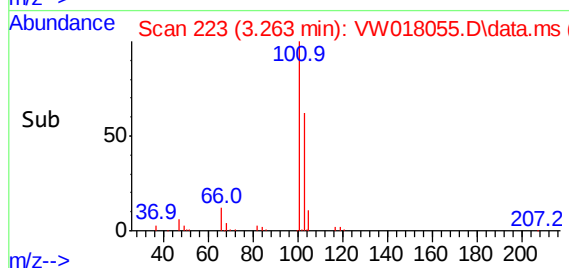
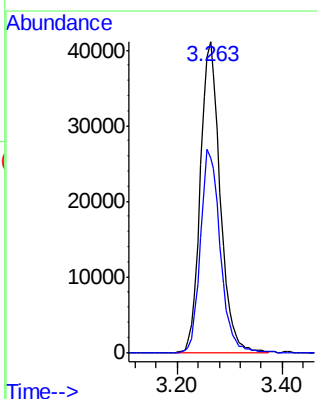
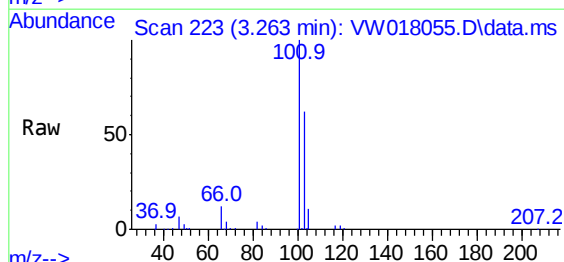
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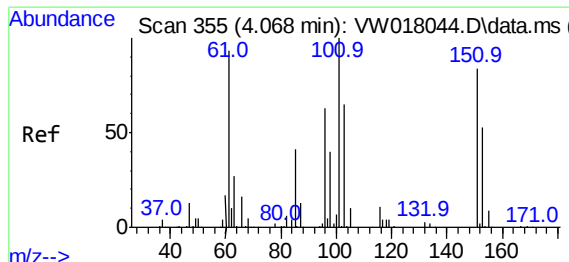
Tgt Ion: 64 Resp: 83637
Ion Ratio Lower Upper
64 100
66 31.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 28.50 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 101 Resp: 107222
Ion Ratio Lower Upper
101 100
103 65.2 45.0 83.6

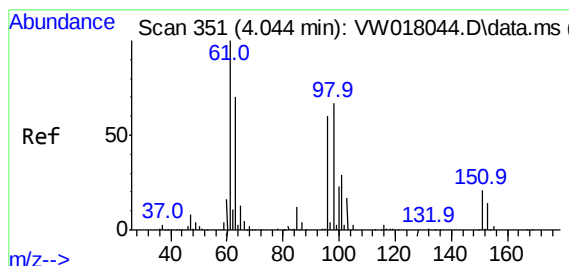
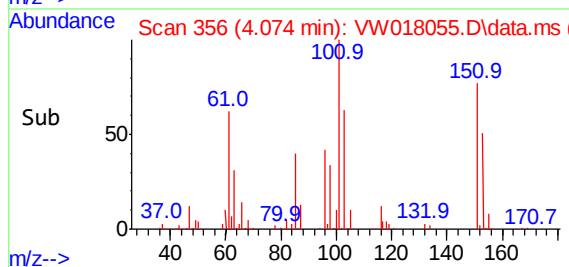
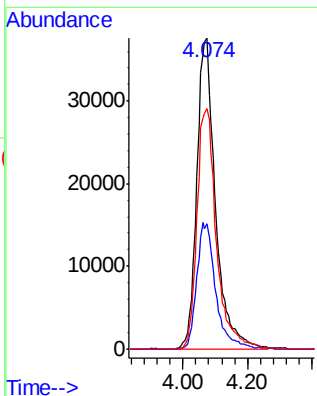
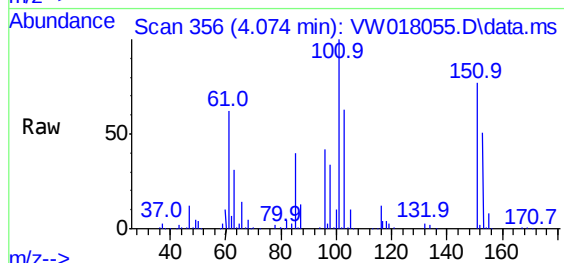




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.75 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

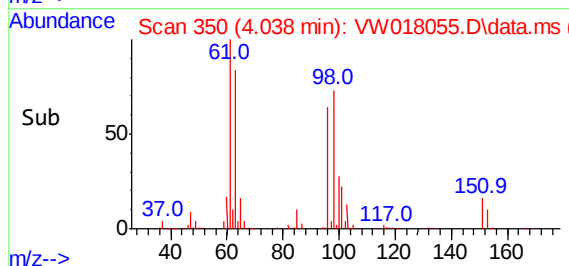
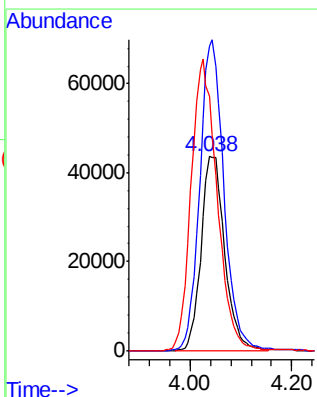
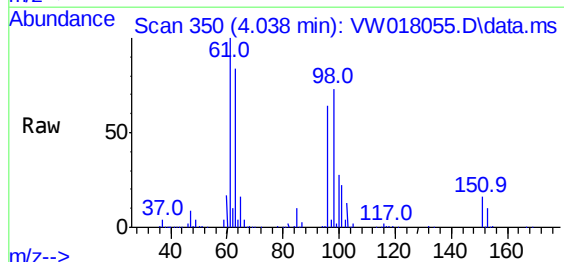
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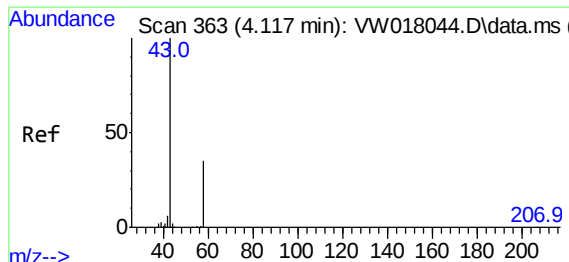
Tgt Ion:101 Resp: 149168
 Ion Ratio Lower Upper
 101 100
 85 41.1 34.2 51.4
 151 79.4 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 27.64 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

Tgt Ion: 96 Resp: 139799
 Ion Ratio Lower Upper
 96 100
 61 156.7 112.5 208.9
 63 131.2 83.1 154.3

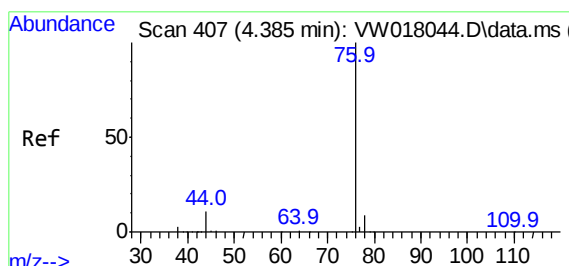
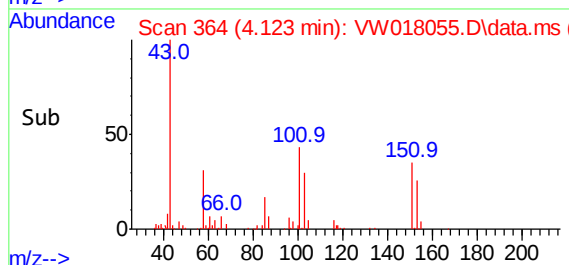
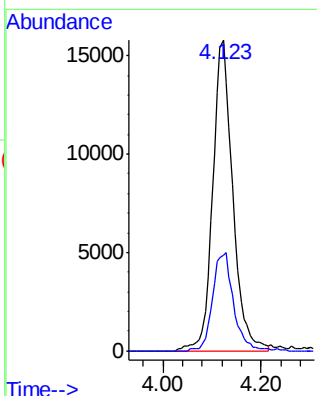
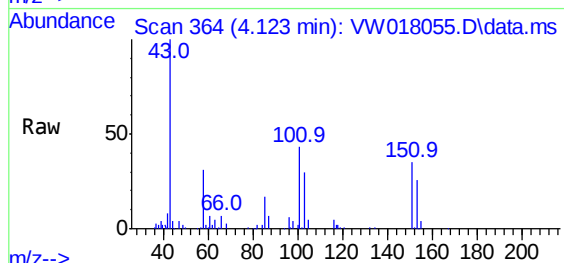




#13
Acetone
Concen: 48.10 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

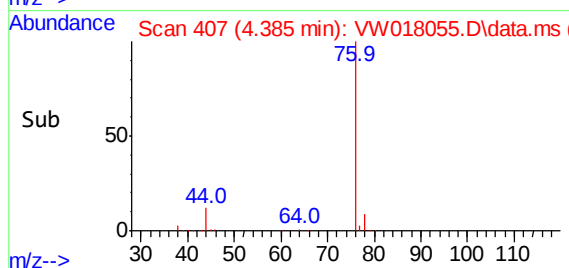
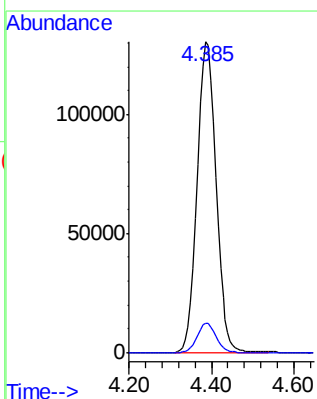
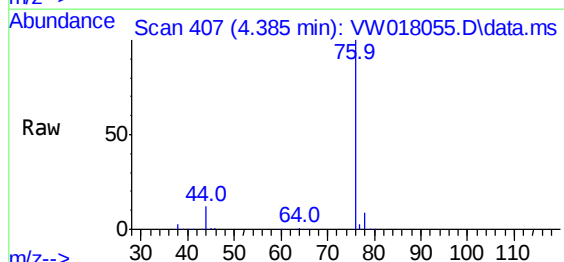
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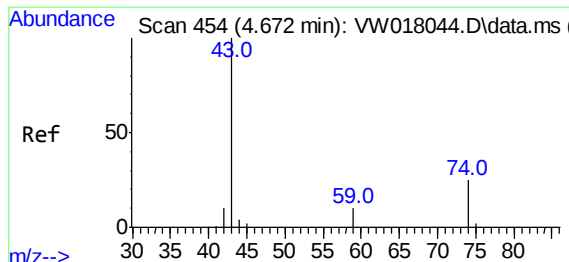
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Ion Ratio Lower Upper
43 100
58 32.7 0.0 68.4



#14
Carbon disulfide
Concen: 28.07 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 76 Resp: 413445
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

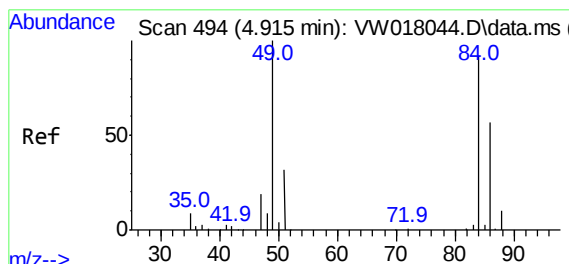
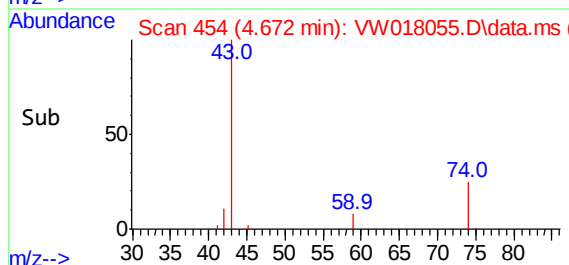
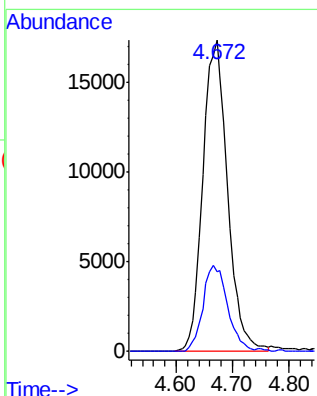
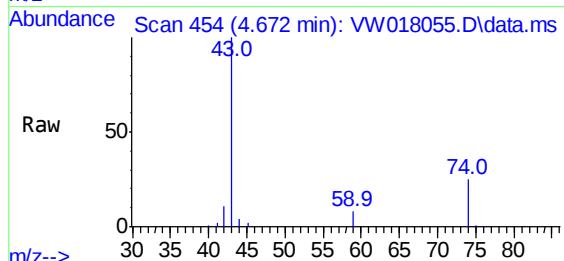




#15
Methyl Acetate
Concen: 25.27 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

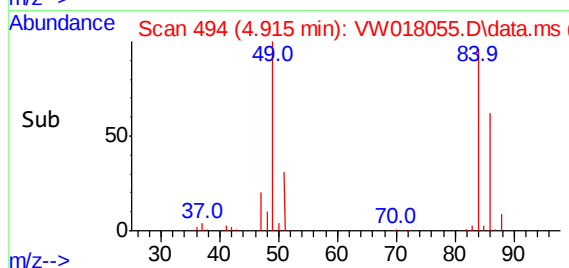
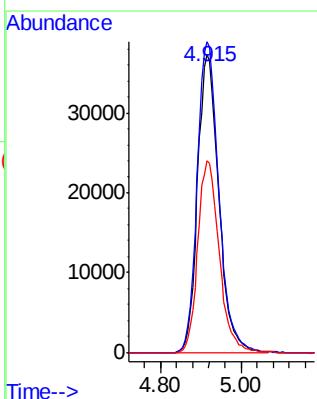
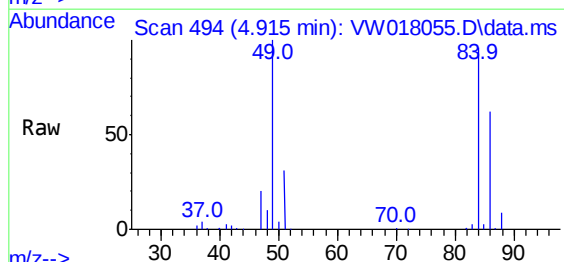
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

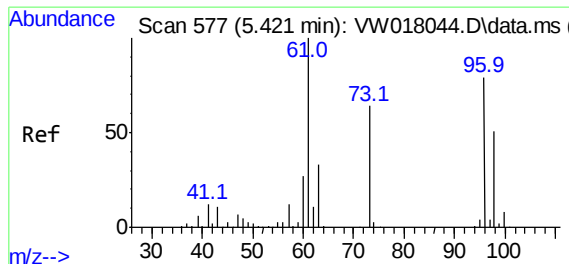
Tgt Ion: 43 Resp: 52081
Ion Ratio Lower Upper
43 100
74 27.2 20.7 31.1



#16
Methylene chloride
Concen: 22.38 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 84 Resp: 135807
Ion Ratio Lower Upper
84 100
49 104.3 81.2 150.8
86 64.4 44.5 82.7



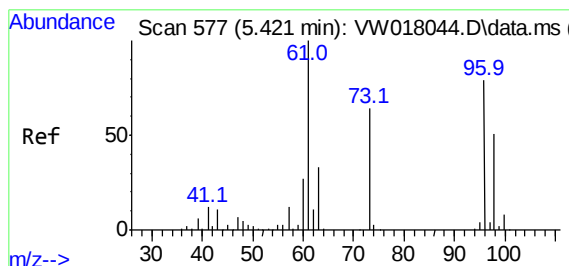
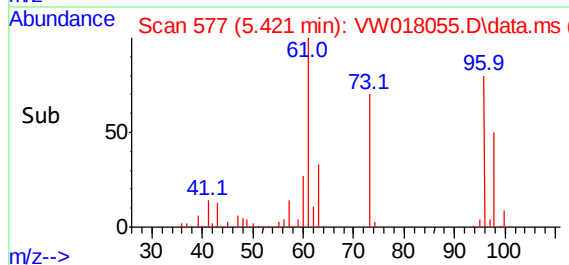
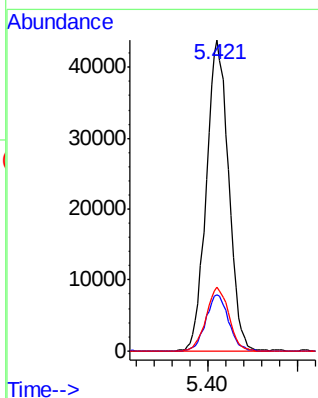
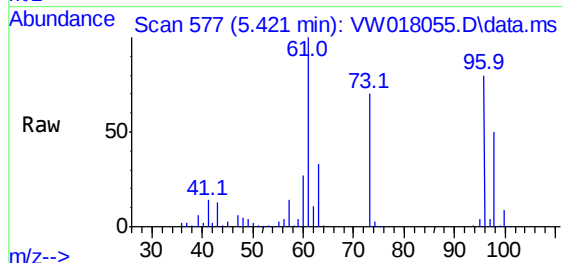


#17
Methyl tert-butyl Ether
Concen: 26.45 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

Tgt Ion: 73 Resp: 150213

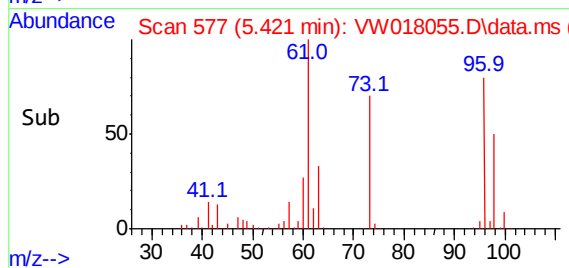
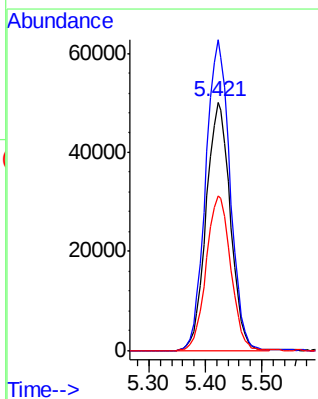
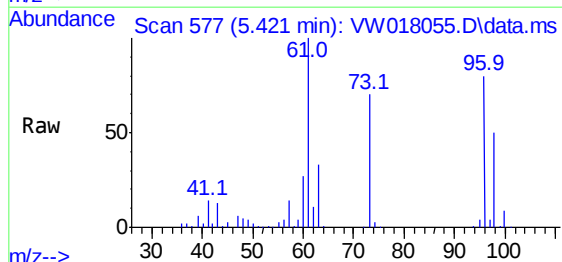
Ion	Ratio	Lower	Upper
73	100		
43	18.4	16.2	24.4
57	20.7	17.2	25.8

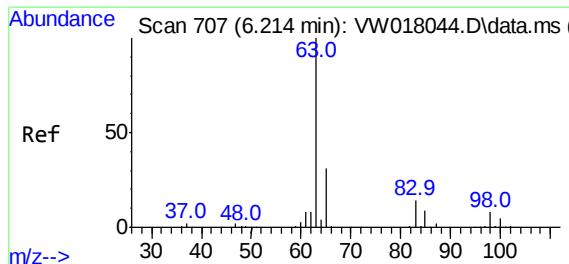


#18
trans-1,2-Dichloroethene
Concen: 27.33 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 96 Resp: 147756

Ion	Ratio	Lower	Upper
96	100		
61	125.2	92.7	172.1
98	62.4	43.3	80.3



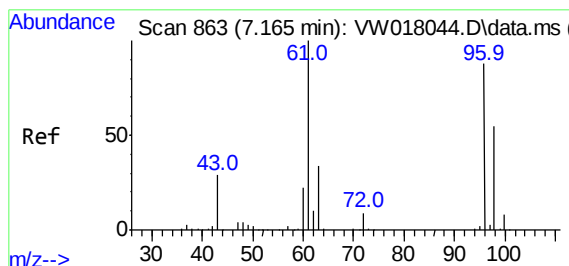
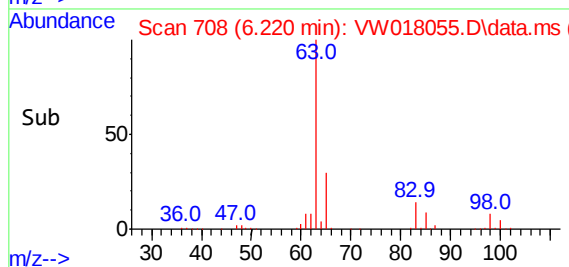
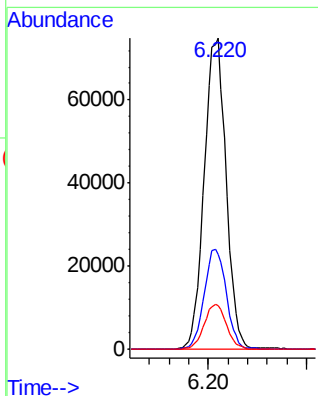
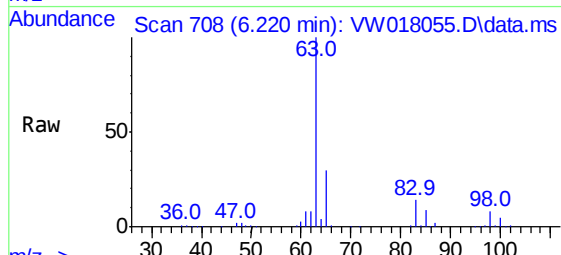


#19
 1,1-Dichloroethane
 Concen: 26.60 ug/L
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Tgt Ion: 63 Resp: 232083

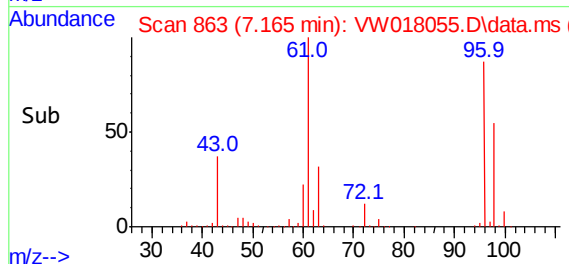
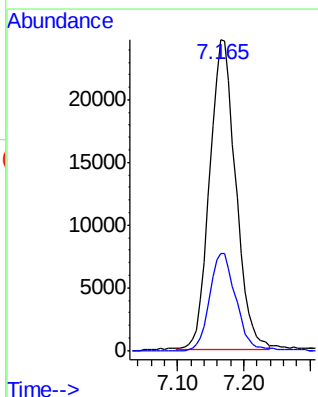
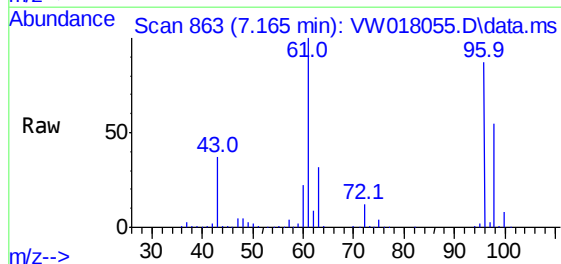
Ion	Ratio	Lower	Upper
63	100		
65	30.2	21.9	40.7
83	14.1	9.4	17.6

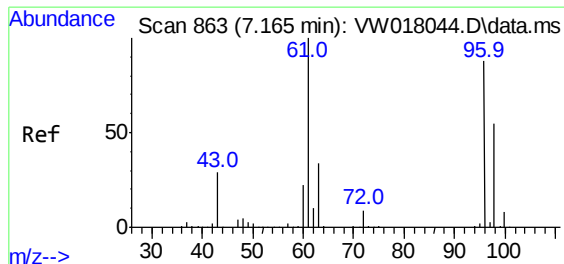


#21
 2-Butanone
 Concen: 47.85 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

Tgt Ion: 43 Resp: 67663

Ion	Ratio	Lower	Upper
43	100		
72	31.3	14.4	43.2



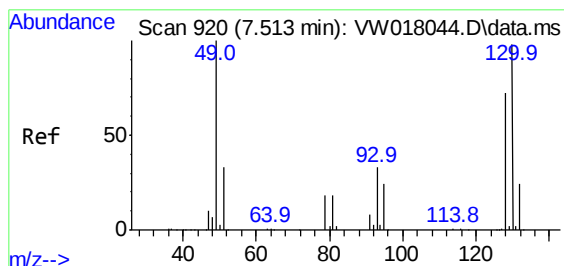
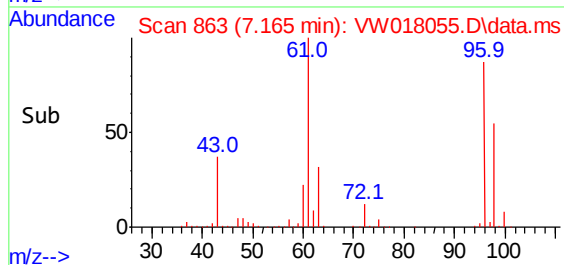
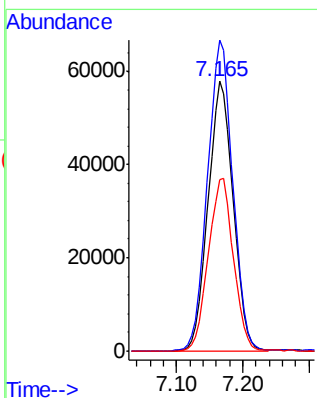
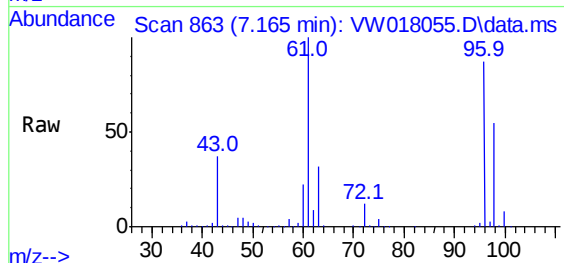


#22
 cis-1,2-Dichloroethene
 Concen: 27.01 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Tgt Ion: 96 Resp: 151434

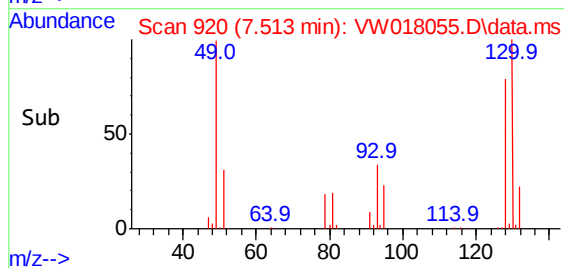
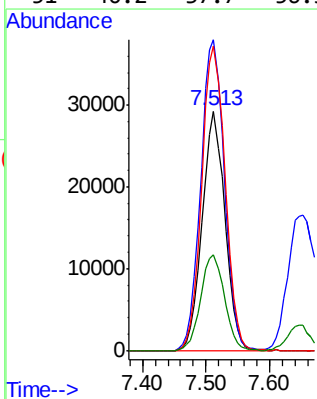
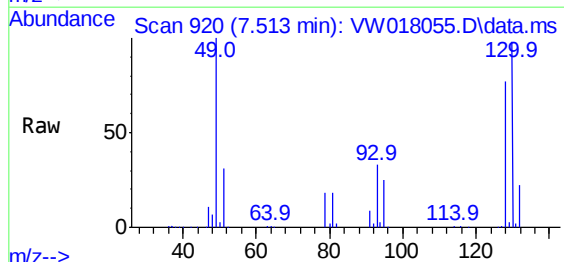
Ion	Ratio	Lower	Upper
96	100		
61	115.3	84.6	157.2
98	63.6	44.7	82.9

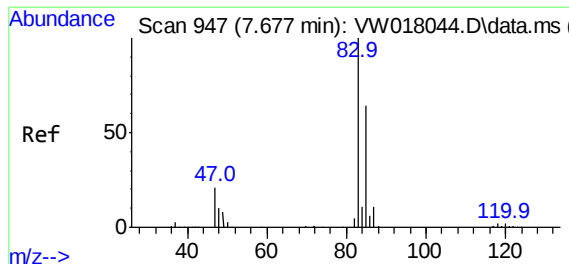


#23
 Bromochloromethane
 Concen: 26.01 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

Tgt Ion: 128 Resp: 70093

Ion	Ratio	Lower	Upper
128	100		
49	129.8	101.6	188.6
130	127.0	90.4	167.8
51	40.2	37.7	56.5

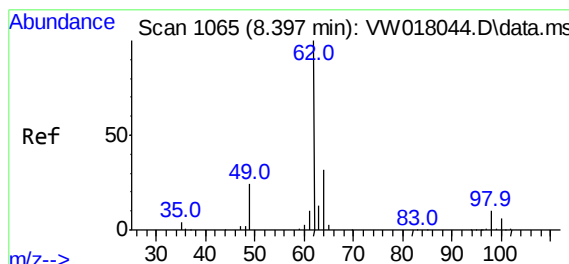
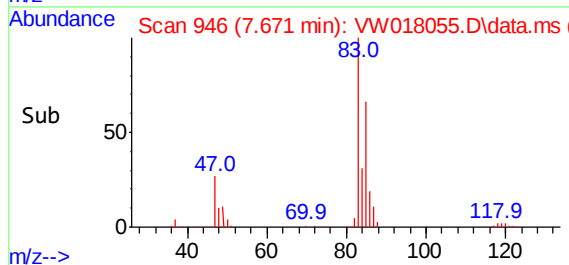
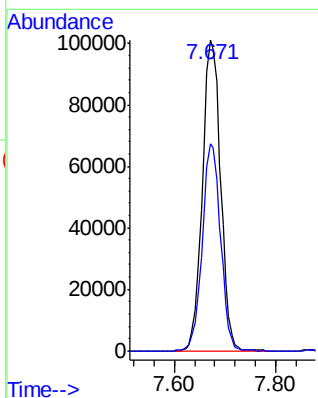
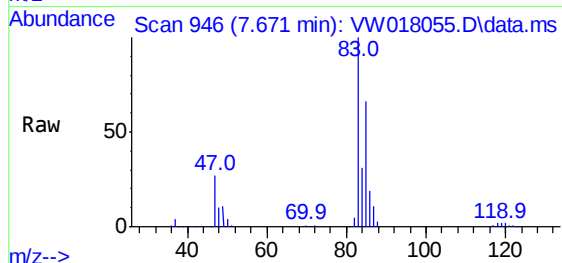




#25
Chloroform
Concen: 26.18 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

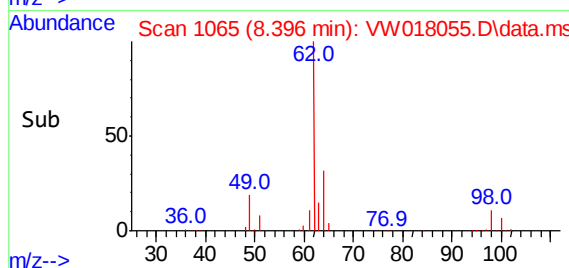
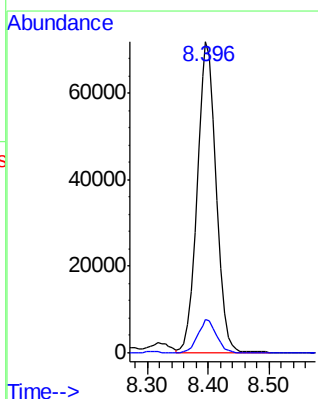
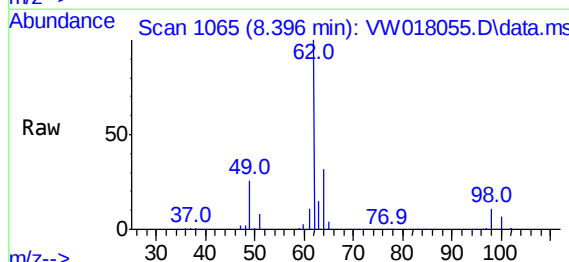
Instrument :
MSVOA_W
ClientSampled :
VSTD02515

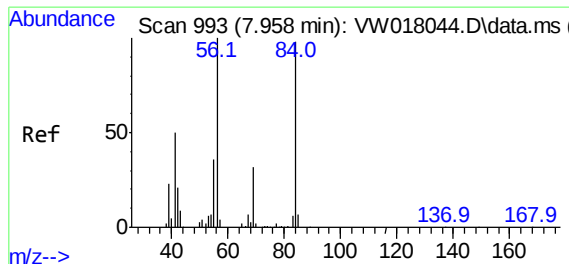
Tgt Ion: 83 Resp: 249234
Ion Ratio Lower Upper
83 100
85 66.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 25.31 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 62 Resp: 156394
Ion Ratio Lower Upper
62 100
98 10.6 8.0 12.0



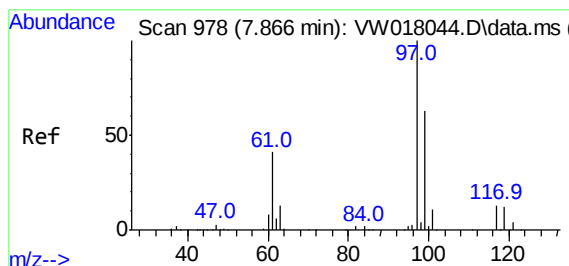
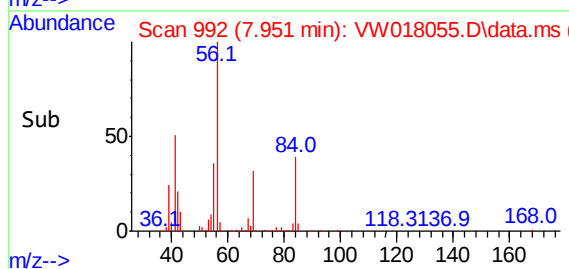
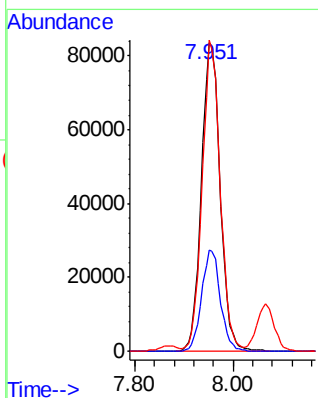
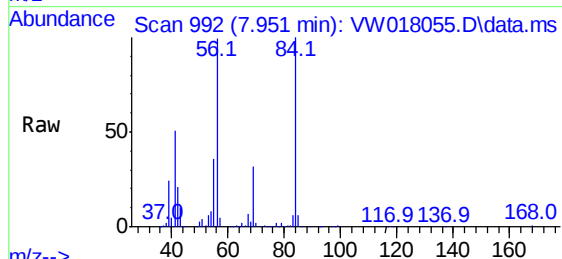


#30
Cyclohexane
Concen: 28.65 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

Tgt Ion: 56 Resp: 220481

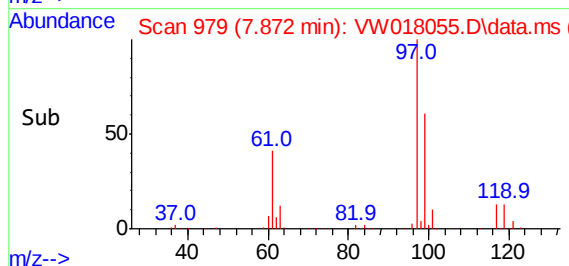
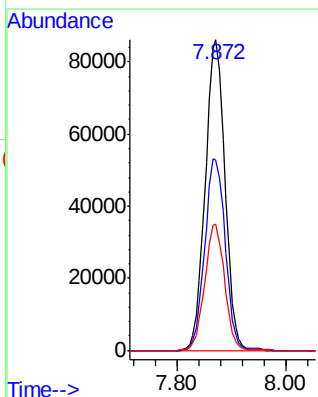
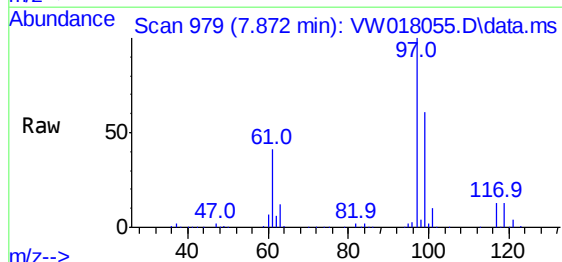
Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.8	37.2
84	97.3	74.2	111.4

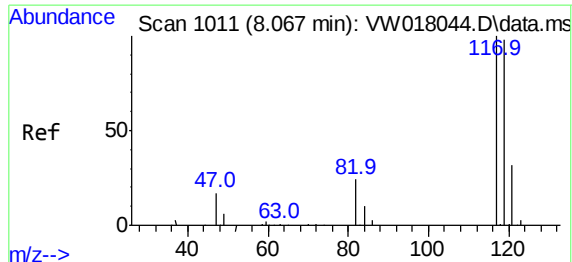


#31
1,1,1-Trichloroethane
Concen: 29.03 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 97 Resp: 216520

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	40.9	33.6	50.4

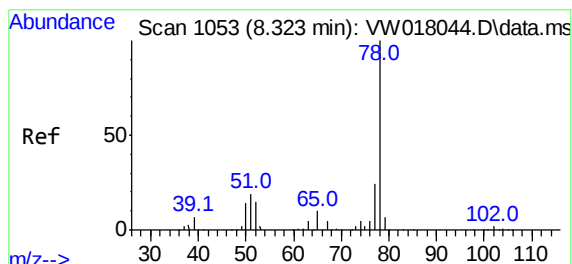
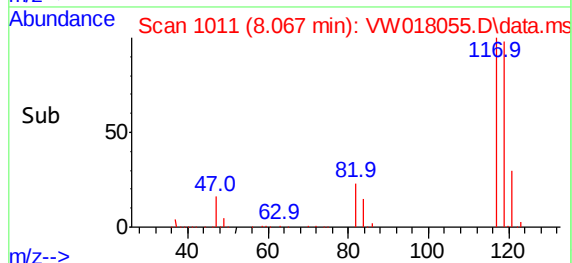
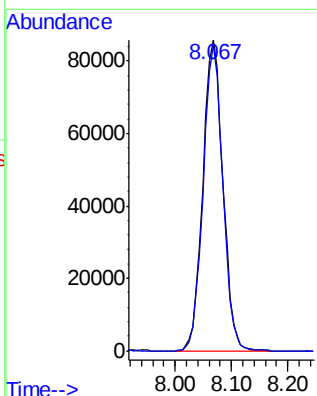
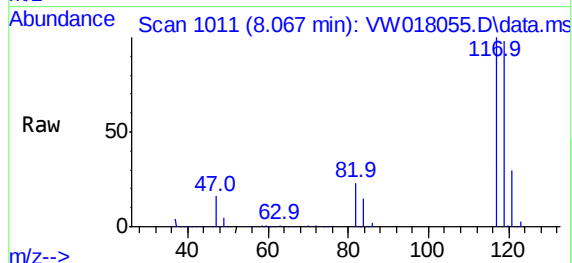




#32
Carbon tetrachloride
Concen: 28.92 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

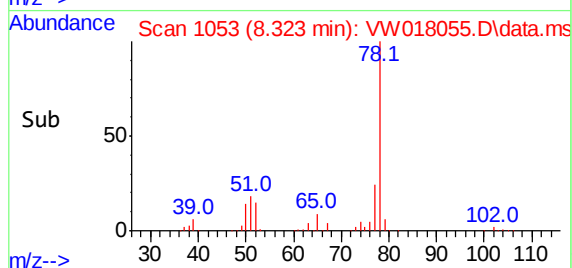
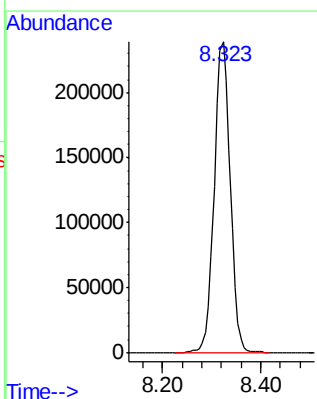
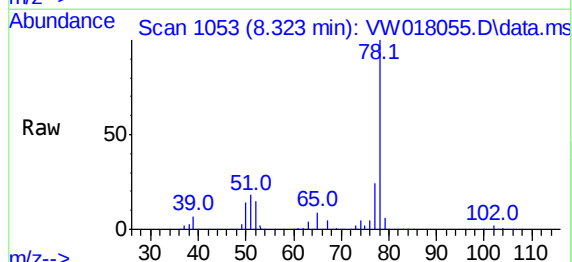
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

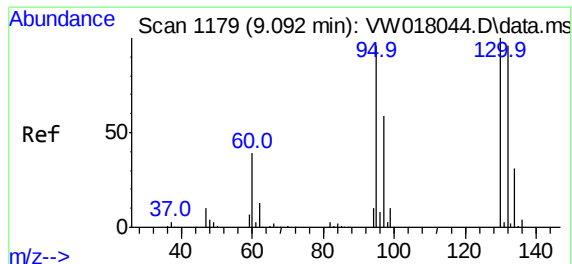
Tgt Ion:117 Resp: 208929
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8



#34
Benzene
Concen: 27.58 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 78 Resp: 542240



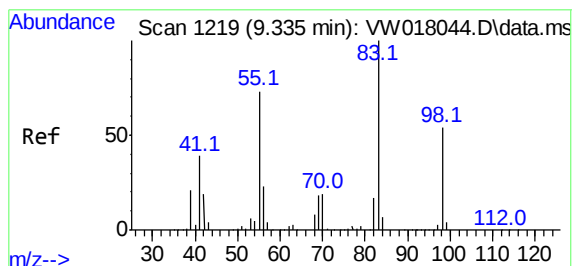
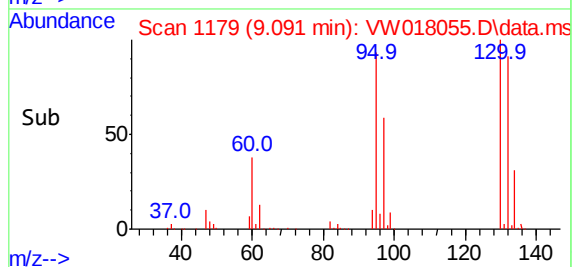
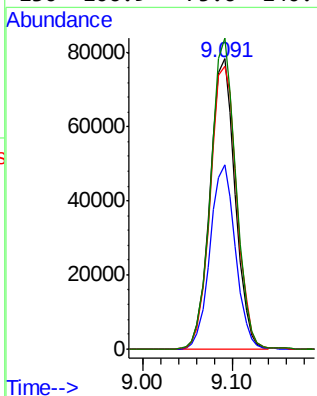
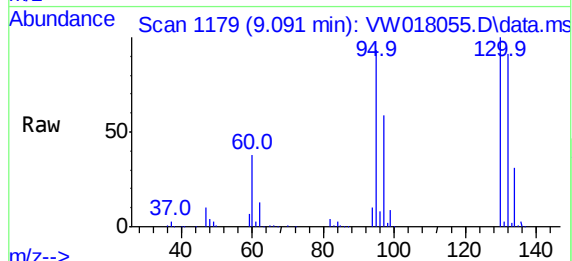


#35
Trichloroethene
Concen: 27.48 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

Tgt Ion: 95 Resp: 152262

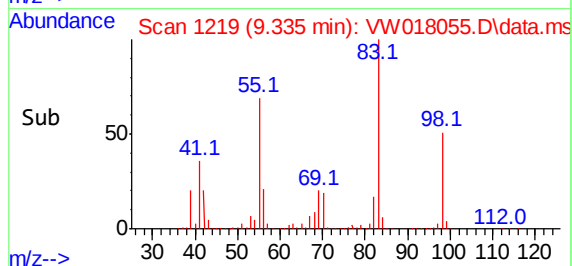
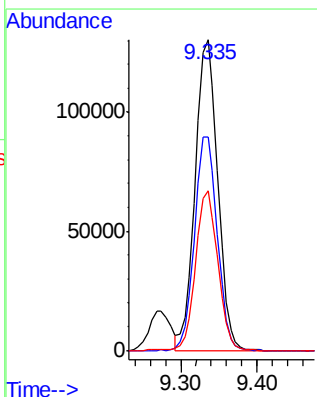
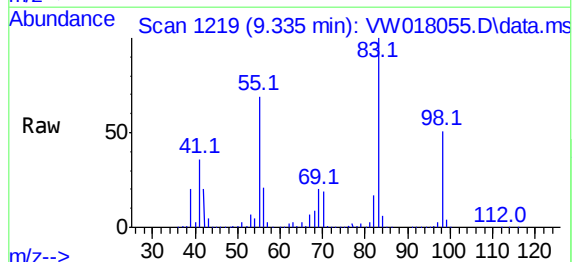
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.0	83.6
132	102.3	71.0	131.8
130	106.9	75.6	140.4

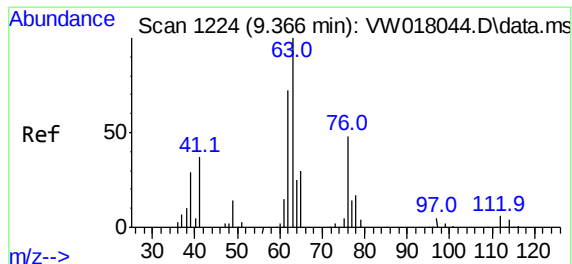


#36
Methylcyclohexane
Concen: 28.64 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 83 Resp: 266893

Ion	Ratio	Lower	Upper
83	100		
55	69.1	59.4	89.0
98	50.4	40.7	61.1

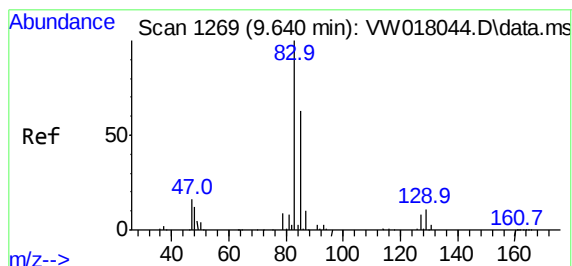
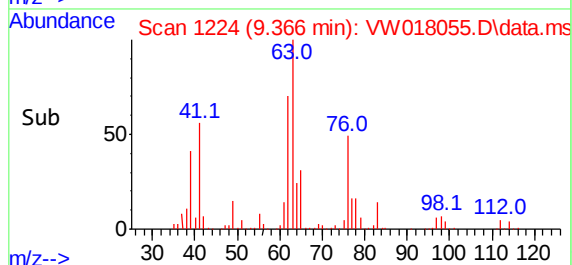
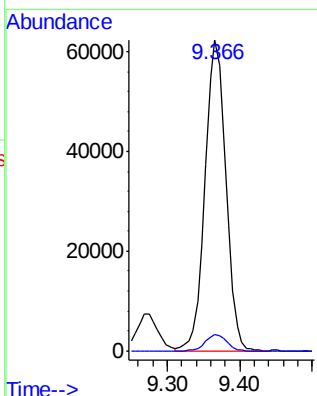
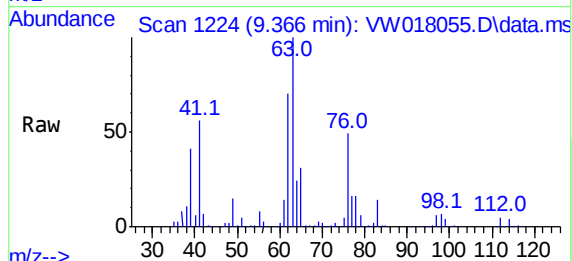




#40
1,2-Dichloropropane
Concen: 27.49 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

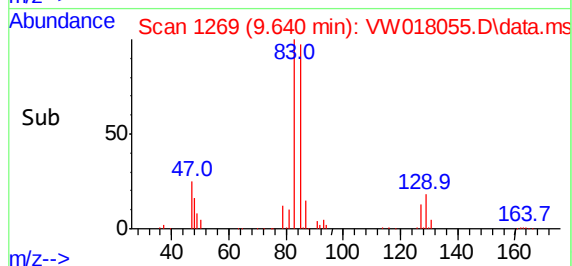
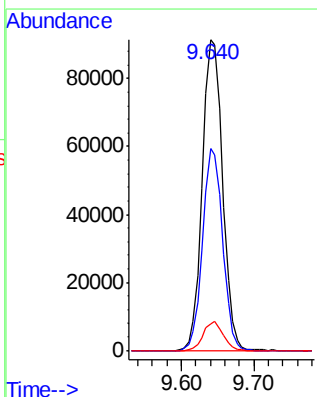
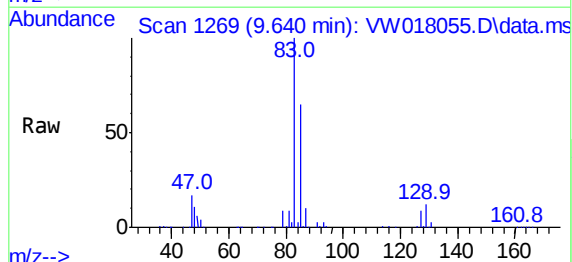
Instrument :
MSVOA_W
ClientSampled :
VSTD02515

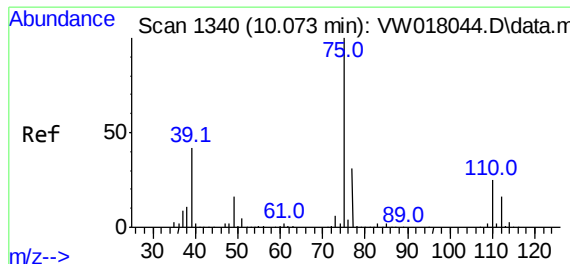
Tgt Ion: 63 Resp: 124041
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.4



#41
Bromodichloromethane
Concen: 27.50 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 83 Resp: 177689
Ion Ratio Lower Upper
83 100
85 65.0 46.8 86.8
127 8.6 7.6 11.4

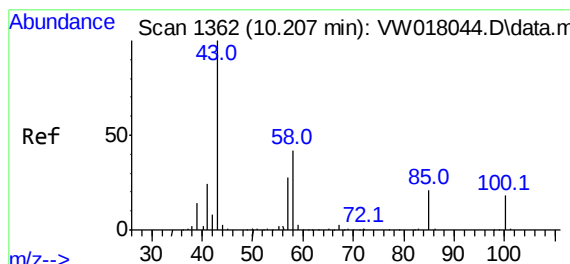
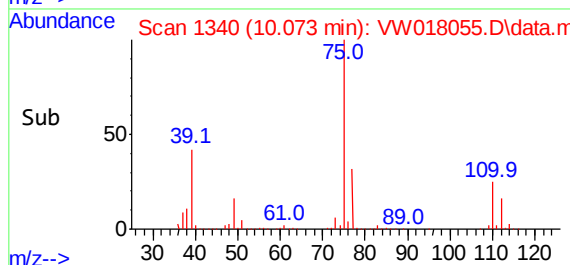
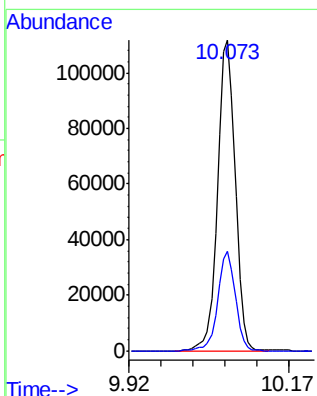
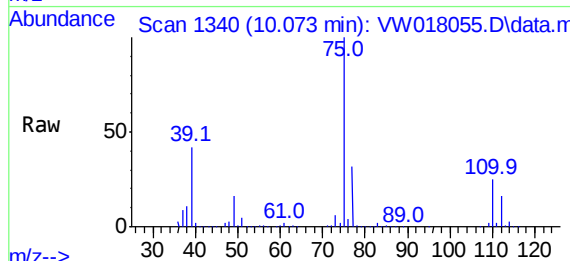




#42
cis-1,3-Dichloropropene
Concen: 28.34 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

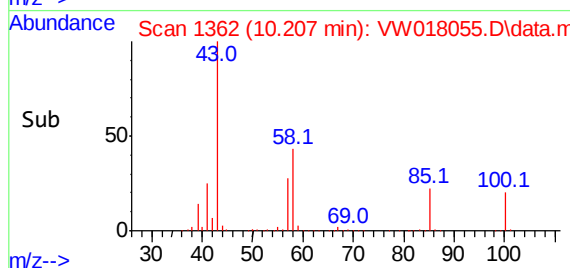
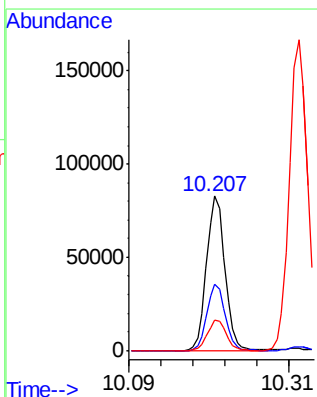
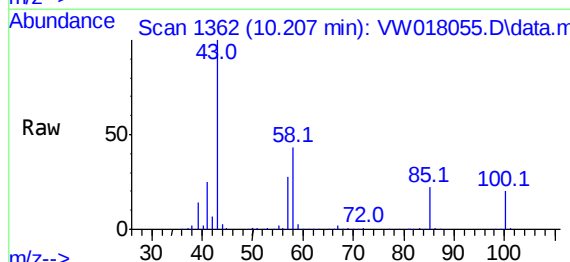
Instrument :
MSVOA_W
ClientSampled :
VSTD02515

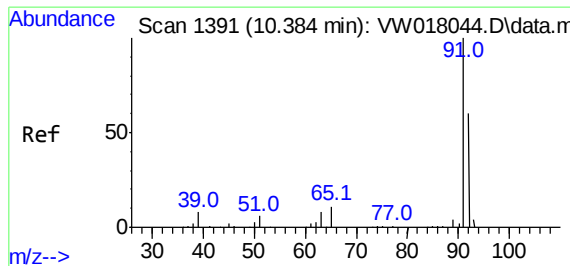
Tgt Ion: 75 Resp: 206068
Ion Ratio Lower Upper
75 100
77 31.9 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 51.70 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 43 Resp: 145043
Ion Ratio Lower Upper
43 100
58 42.6 31.6 47.4
100 20.2 14.1 21.1





#44

Toluene

Concen: 27.80 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018055.D

Acq: 09 Feb 2021 09:44

Instrument :

MSVOA_W

ClientSampleId :

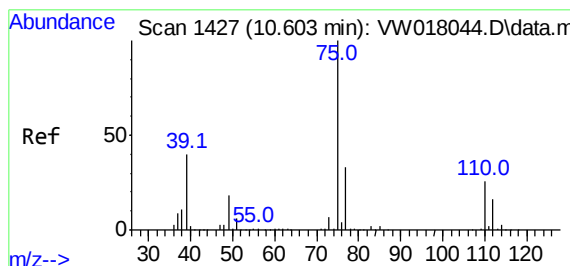
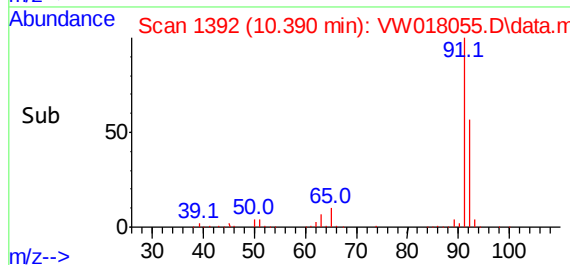
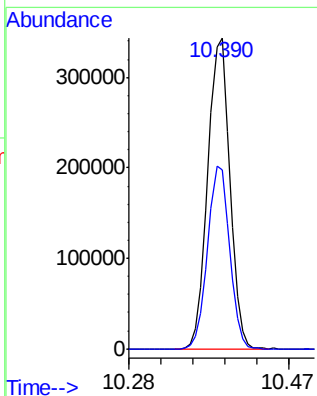
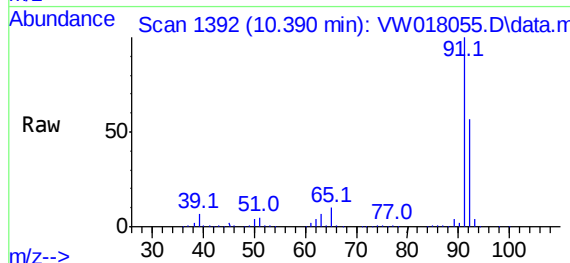
VSTD02515

Tgt Ion: 91 Resp: 601727

Ion Ratio Lower Upper

91 100

92 57.4 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 28.10 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018055.D

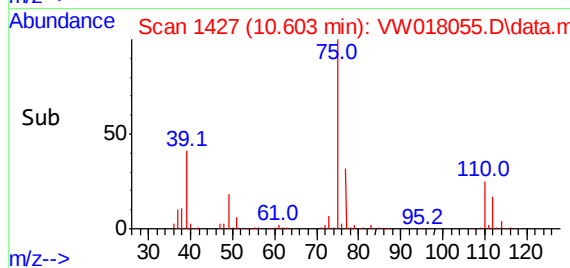
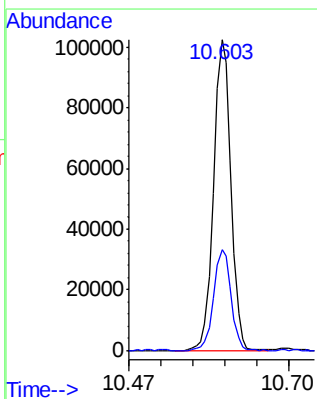
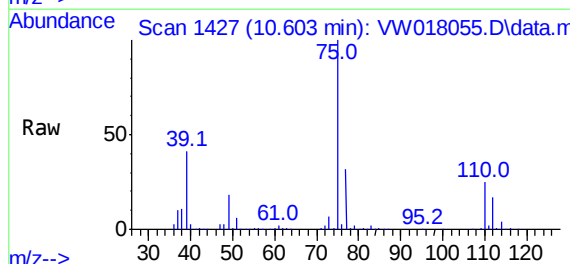
Acq: 09 Feb 2021 09:44

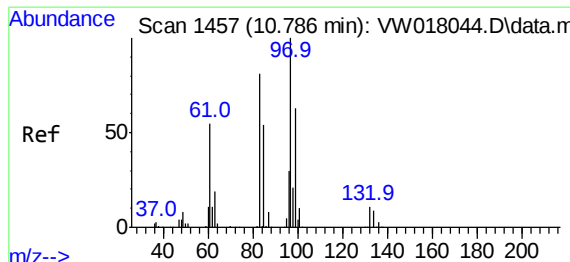
Tgt Ion: 75 Resp: 177880

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



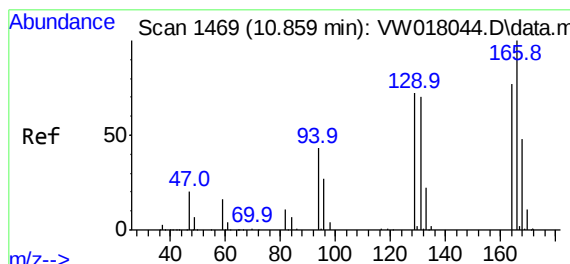
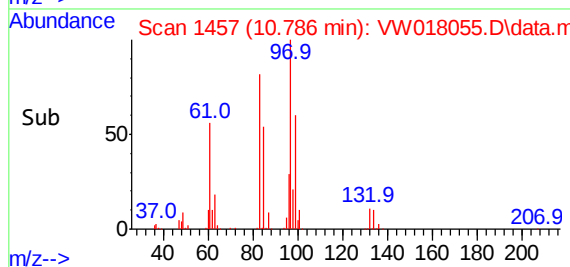
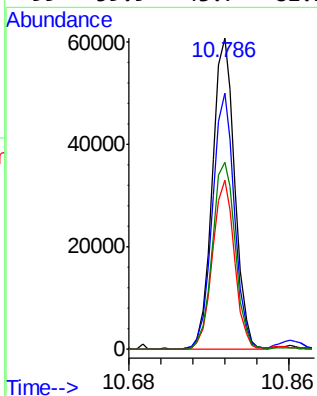
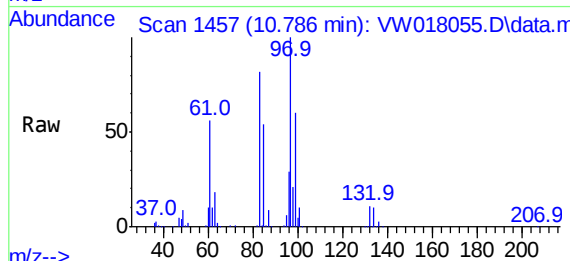


#46
1,1,2-Trichloroethane
Concen: 27.26 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

Tgt Ion: 97 Resp: 104988

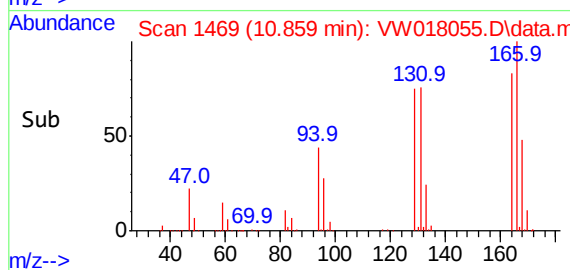
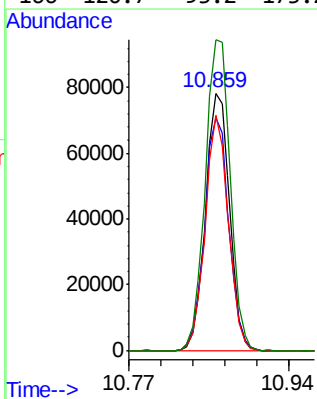
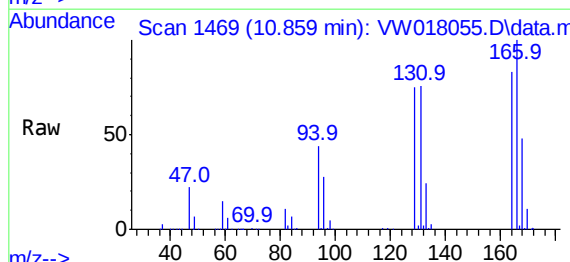
Ion	Ratio	Lower	Upper
97	100		
83	82.4	58.5	108.7
85	54.2	37.8	70.2
99	59.9	43.7	81.1

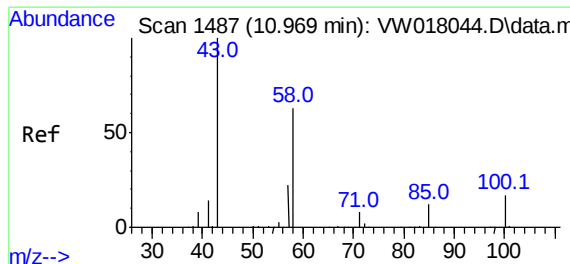


#47
Tetrachloroethene
Concen: 28.54 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 164 Resp: 134642

Ion	Ratio	Lower	Upper
164	100		
129	90.6	67.6	125.6
131	91.3	65.2	121.2
166	120.7	93.2	173.2



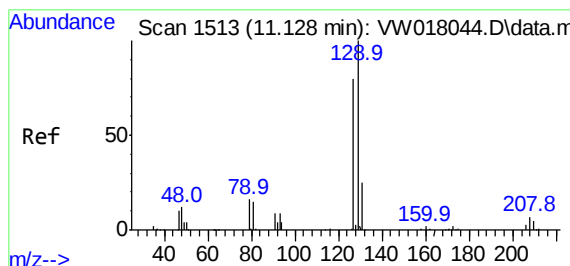
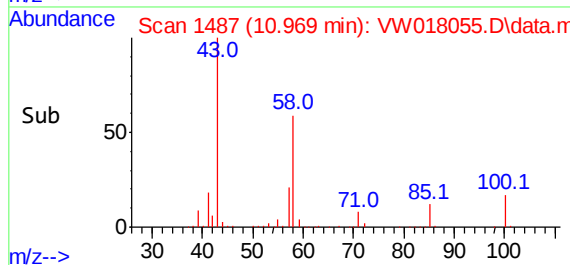
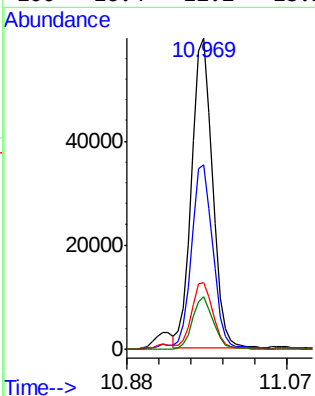
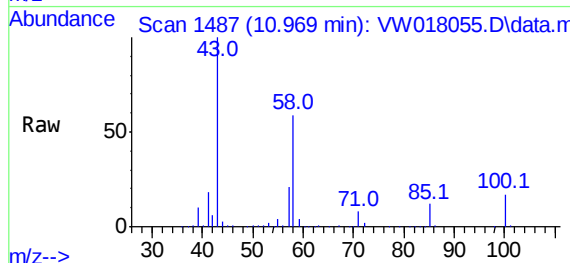


#49
2-Hexanone
Concen: 51.26 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

Tgt Ion: 43 Resp: 99948

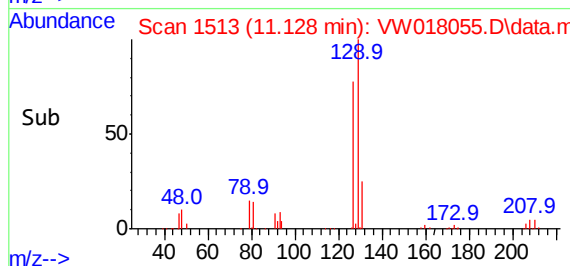
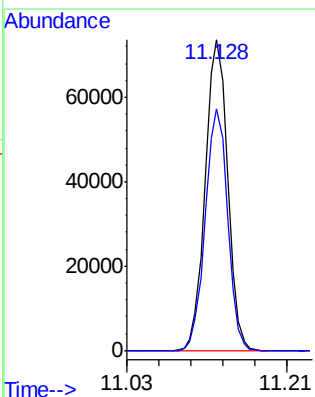
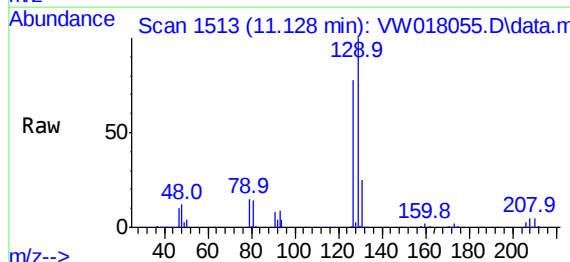
Ion	Ratio	Lower	Upper
43	100		
58	60.8	51.3	76.9
57	22.0	15.0	22.6
100	16.4	12.2	18.2

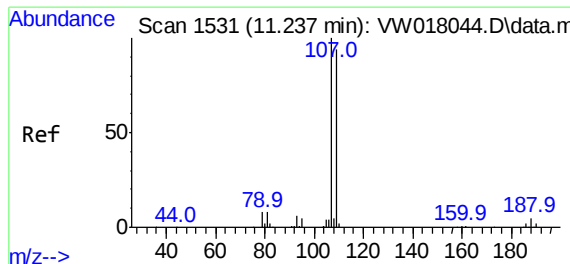


#50
Dibromochloromethane
Concen: 27.84 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 129 Resp: 128489

Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.2	98.8

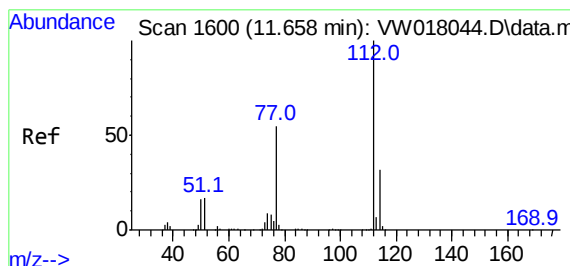
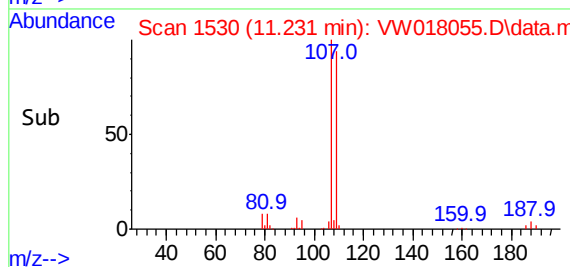
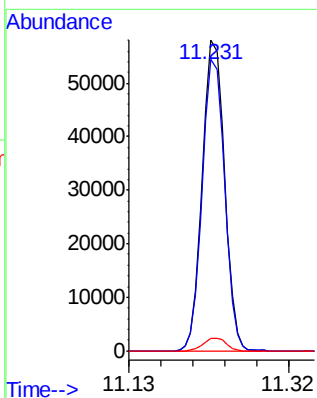
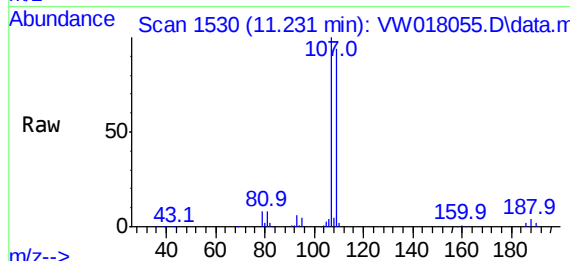




#51
1,2-Dibromoethane
Concen: 26.67 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

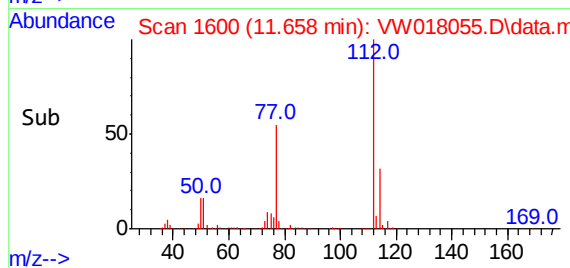
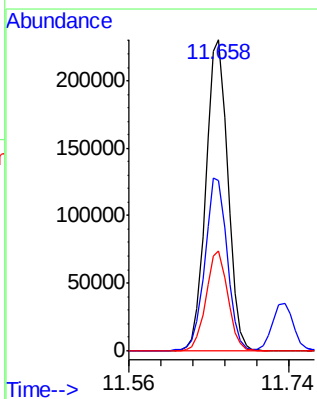
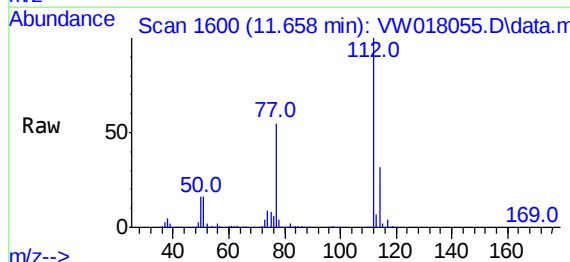
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

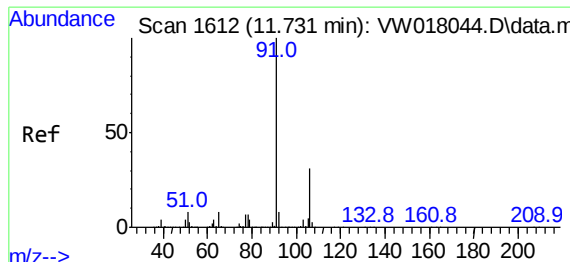
Tgt Ion:107 Resp: 102475
Ion Ratio Lower Upper
107 100
109 93.9 66.4 123.2
188 4.0 4.0 6.0#



#52
Chlorobenzene
Concen: 27.50 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion:112 Resp: 391989
Ion Ratio Lower Upper
112 100
77 54.8 42.6 64.0
114 32.1 21.6 40.2

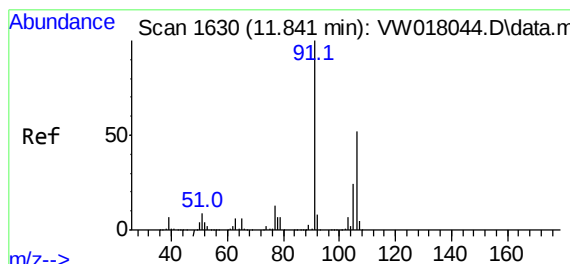
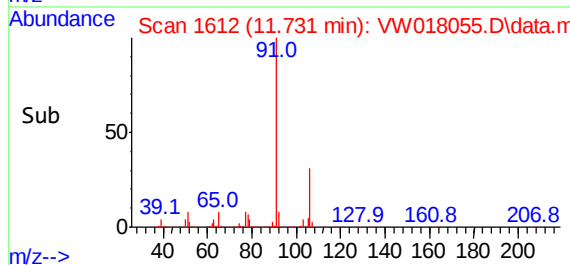
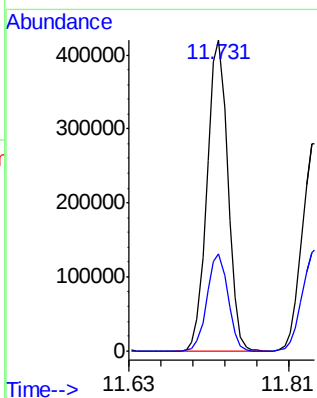
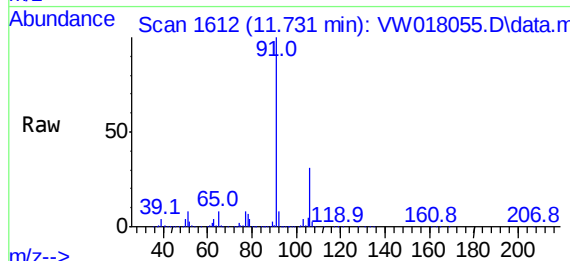




#53
Ethylbenzene
Concen: 27.56 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

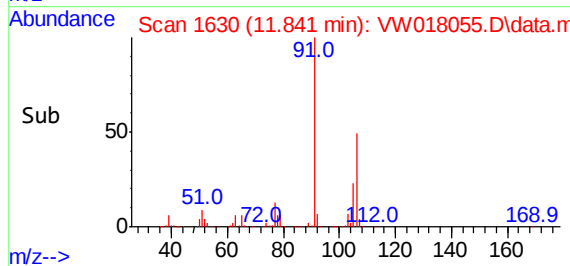
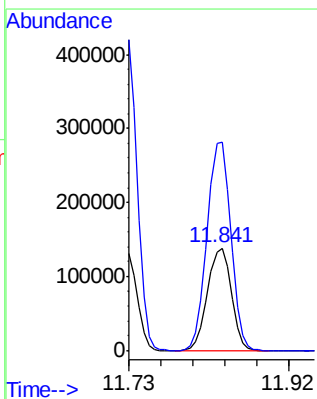
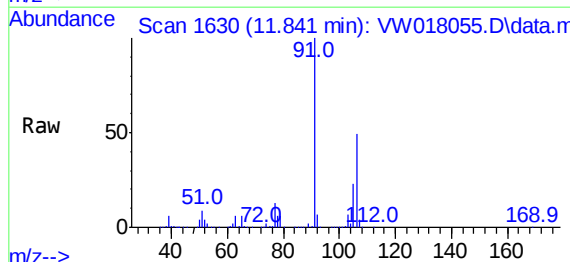
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

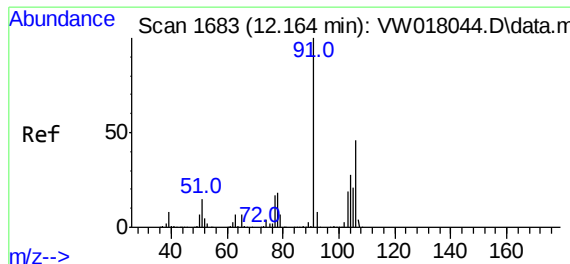
Tgt Ion: 91 Resp: 677648
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.1



#54
m,p-Xylene
Concen: 28.01 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 106 Resp: 262650
Ion Ratio Lower Upper
106 100
91 202.7 136.4 253.4

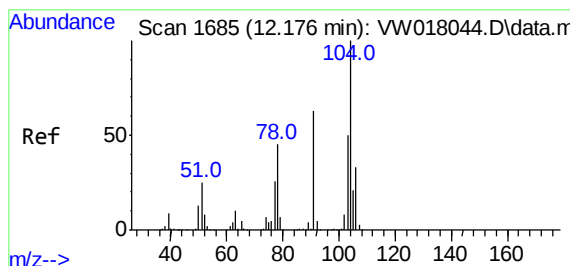
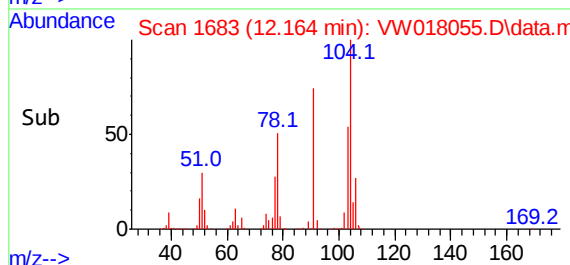
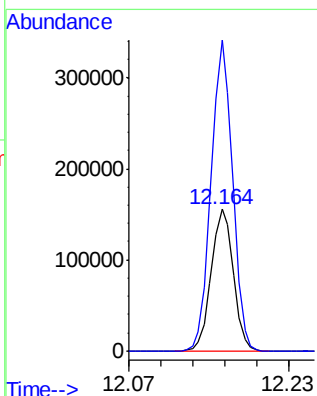
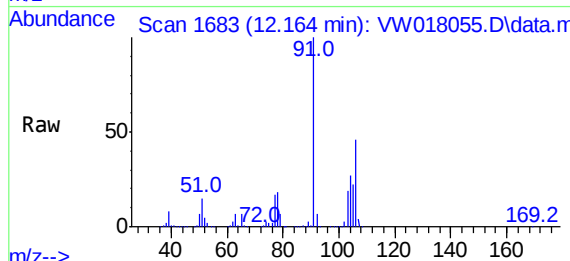




#55
o-xylene
Concen: 27.72 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

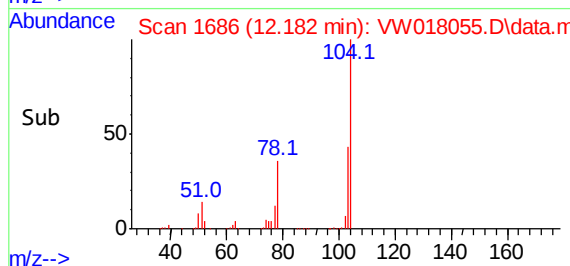
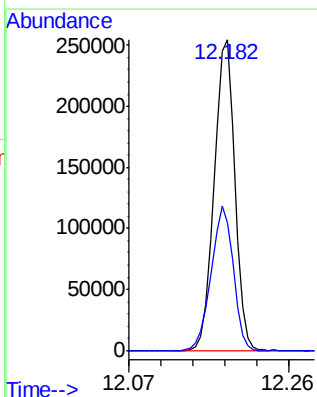
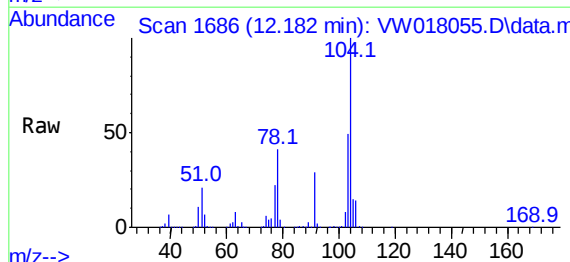
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

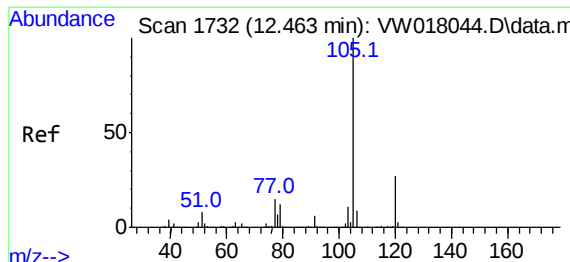
Tgt Ion:106 Resp: 246597
Ion Ratio Lower Upper
106 100
91 219.6 147.6 274.2



#56
Styrene
Concen: 27.79 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion:104 Resp: 420464
Ion Ratio Lower Upper
104 100
78 40.9 31.3 58.1

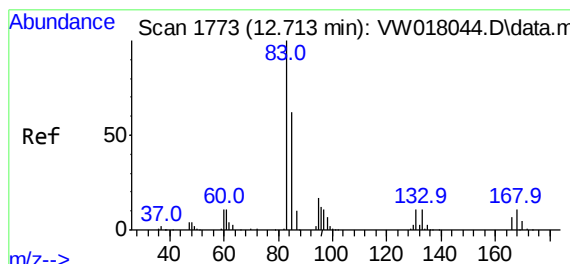
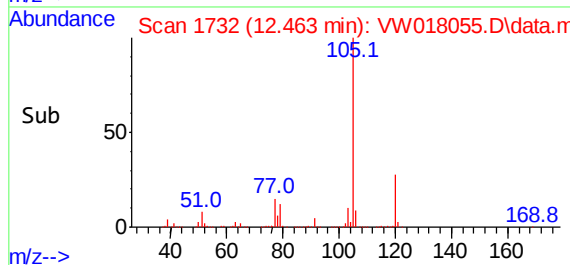
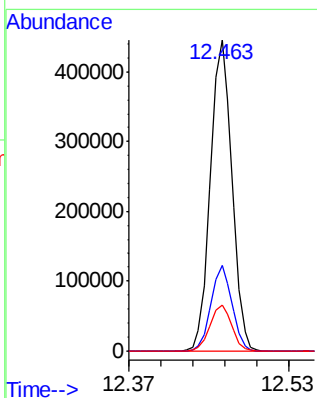
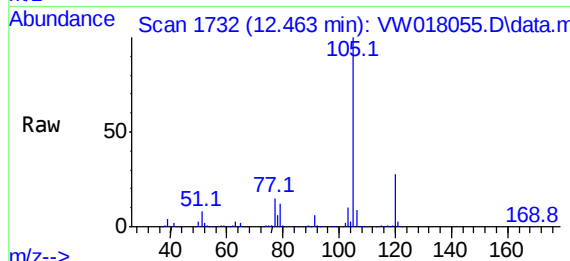




#57
Isopropylbenzene
Concen: 27.86 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

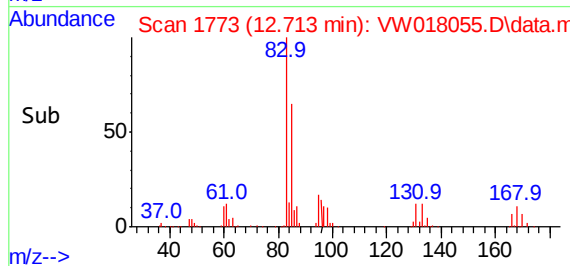
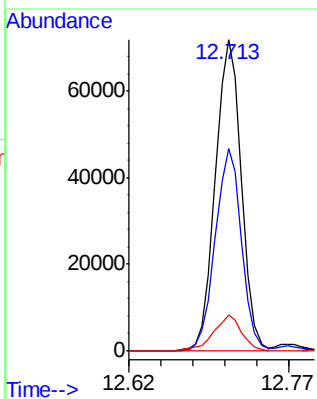
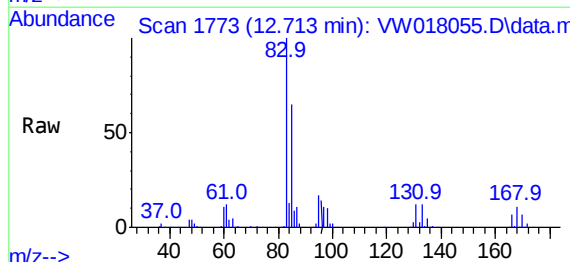
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

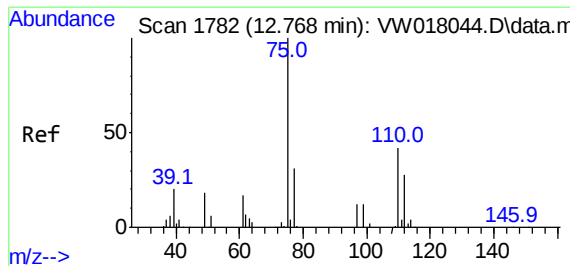
Tgt Ion:105 Resp: 690198
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.8 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 26.10 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 83 Resp: 118926
Ion Ratio Lower Upper
83 100
85 65.0 45.3 84.1
131 11.6 8.3 12.5

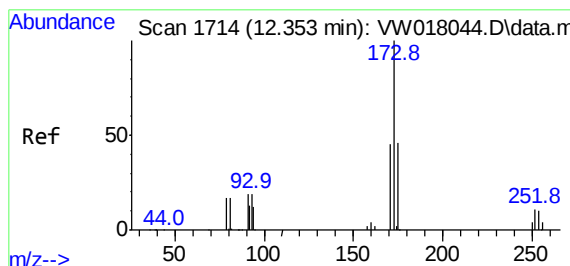
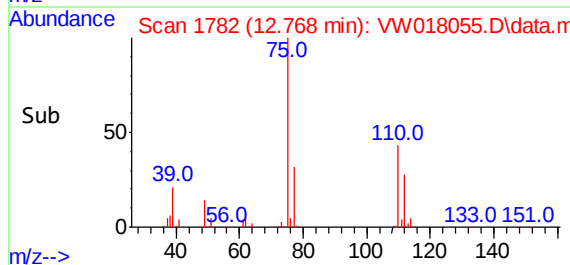
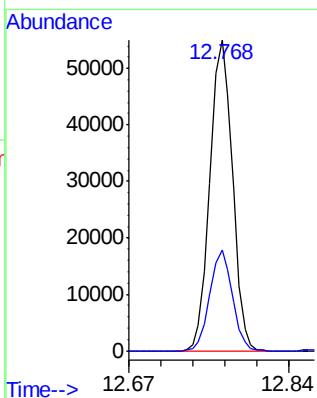
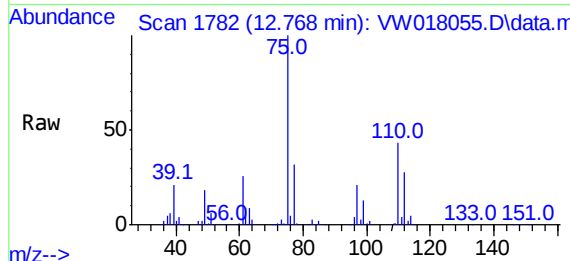




#59
1,2,3-Trichloropropane
Concen: 25.92 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

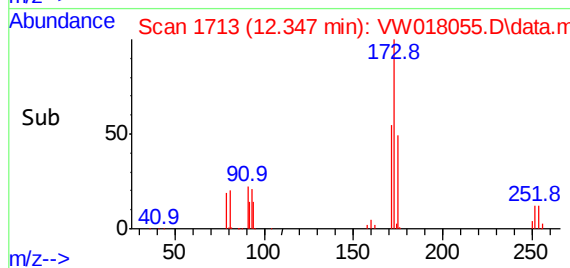
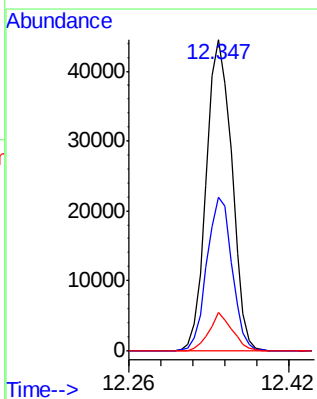
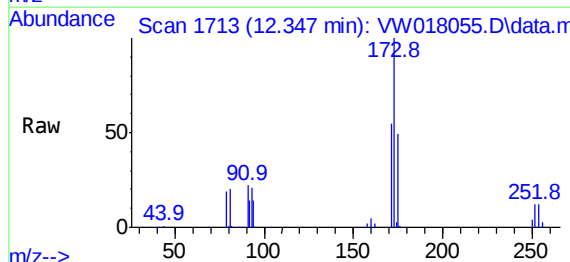
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

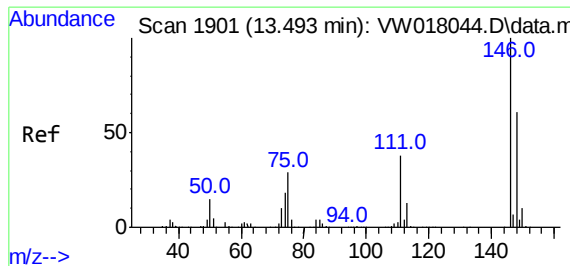
Tgt Ion: 75 Resp: 89470
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8



#62
Bromoform
Concen: 28.70 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion: 173 Resp: 77400
Ion Ratio Lower Upper
173 100
175 48.2 39.1 58.7
254 10.7 7.1 10.7#

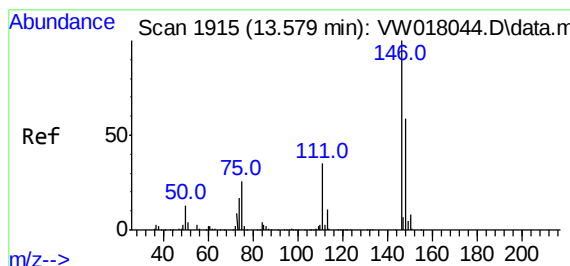
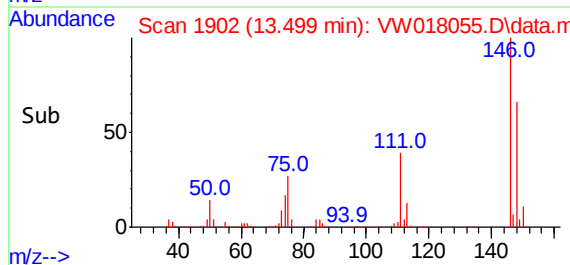
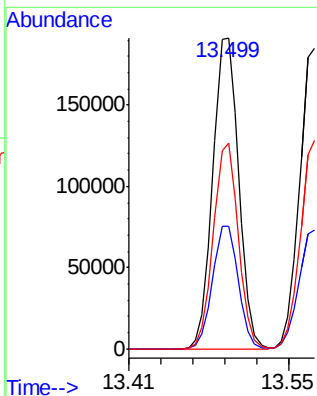
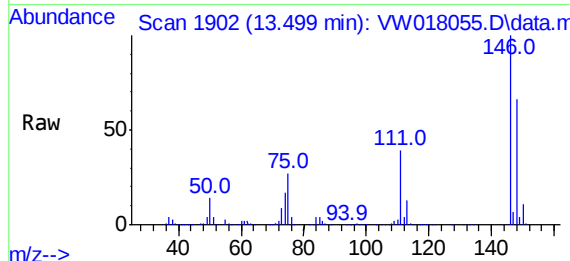




#63
 1,3-Dichlorobenzene
 Concen: 28.29 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

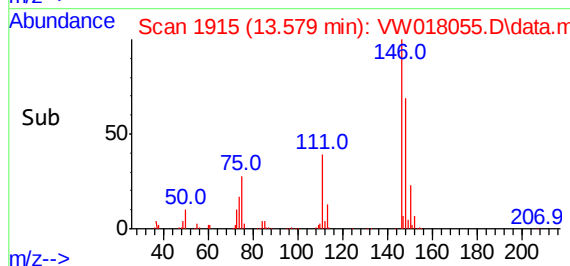
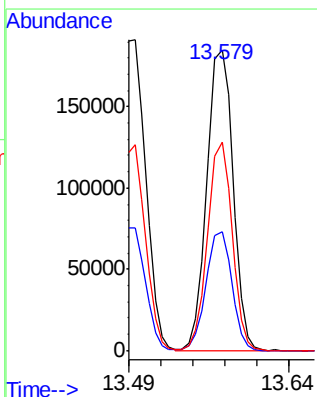
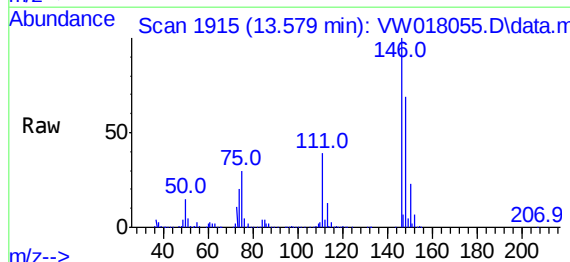
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

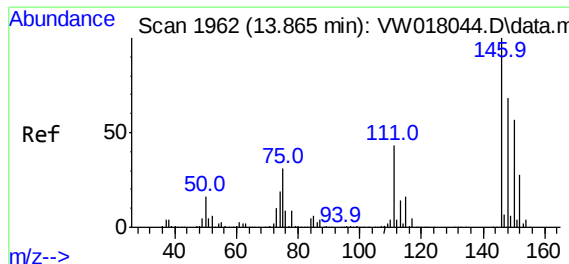
Tgt Ion:146 Resp: 315600
 Ion Ratio Lower Upper
 146 100
 111 39.3 28.5 52.9
 148 66.1 47.8 88.8



#64
 1,4-Dichlorobenzene
 Concen: 27.52 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

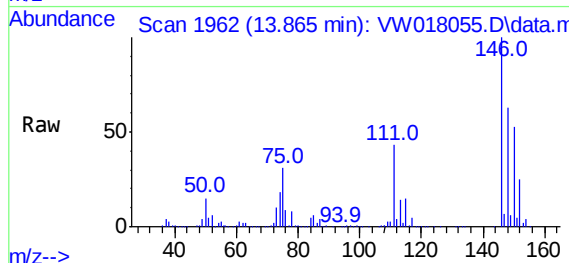
Tgt Ion:146 Resp: 308777
 Ion Ratio Lower Upper
 146 100
 111 39.4 27.7 51.5
 148 69.3 47.0 87.2





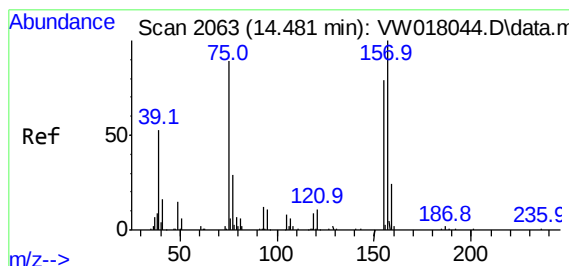
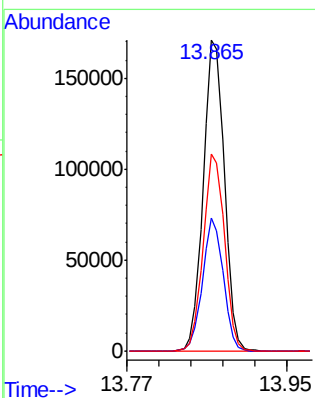
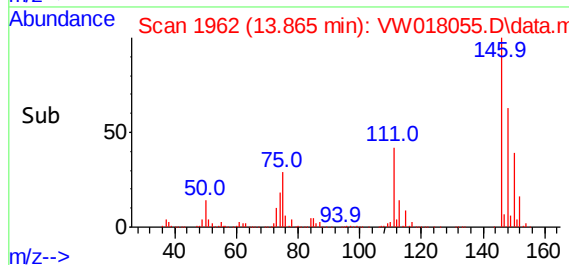
#65
 1,2-Dichlorobenzene
 Concen: 27.88 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

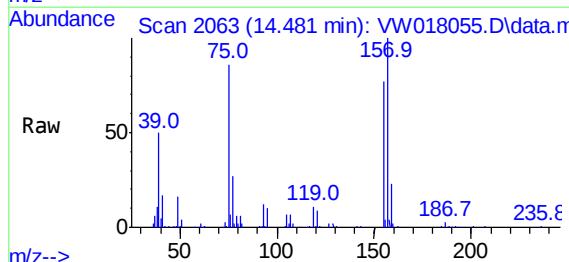


Tgt Ion:146 Resp: 280531

Ion	Ratio	Lower	Upper
146	100		
111	42.6	31.7	47.5
148	63.2	49.3	73.9

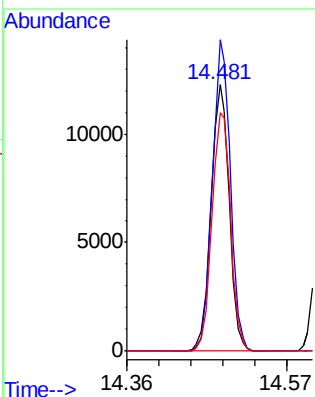
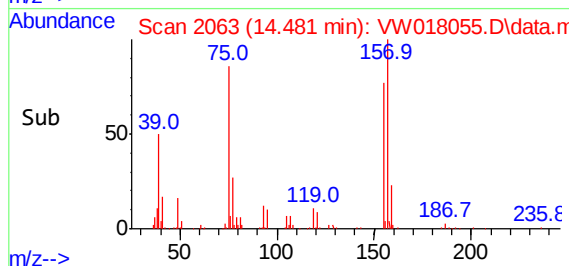


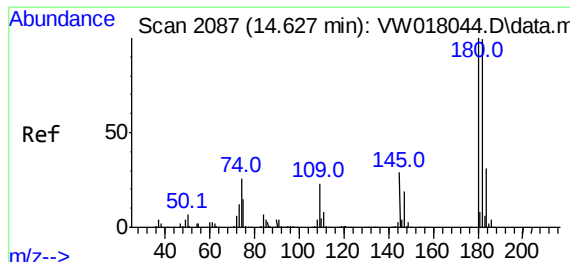
#66
 1,2-Dibromo-3-chloropropane
 Concen: 26.57 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW018055.D
 Acq: 09 Feb 2021 09:44



Tgt Ion: 75 Resp: 20248

Ion	Ratio	Lower	Upper
75	100		
157	116.9	99.9	149.9
155	89.6	71.4	107.0

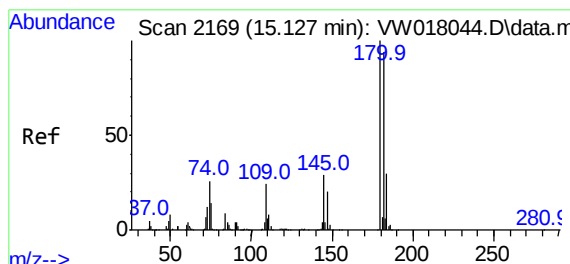
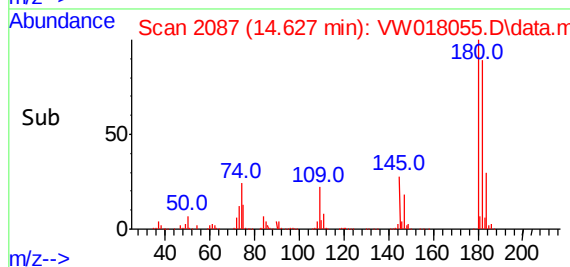
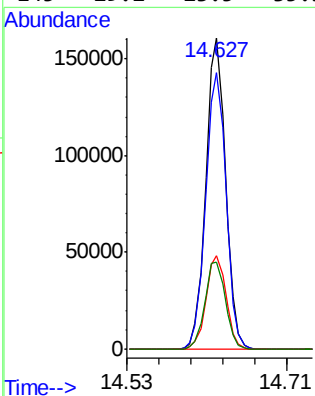
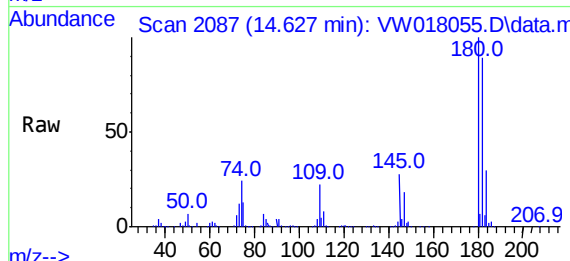




#67
1,3,5-Trichlorobenzene
Concen: 28.69 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

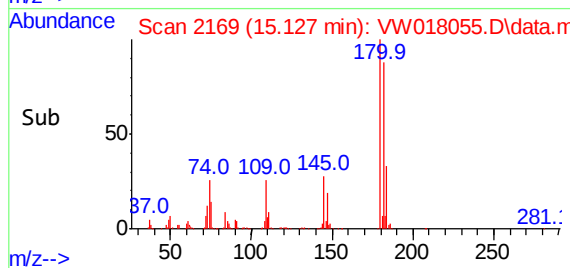
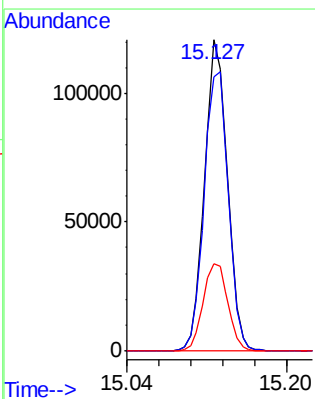
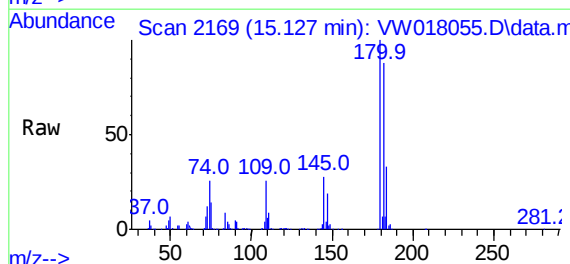
Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

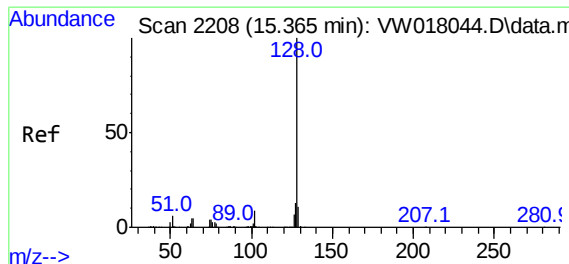
Tgt Ion:180 Resp: 245875
Ion Ratio Lower Upper
180 100
182 92.0 77.0 115.6
184 30.3 24.2 36.4
145 29.2 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 27.77 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion:180 Resp: 198403
Ion Ratio Lower Upper
180 100
182 95.2 71.3 106.9
145 29.9 24.0 36.0

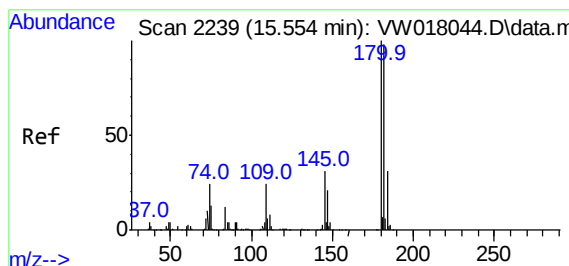
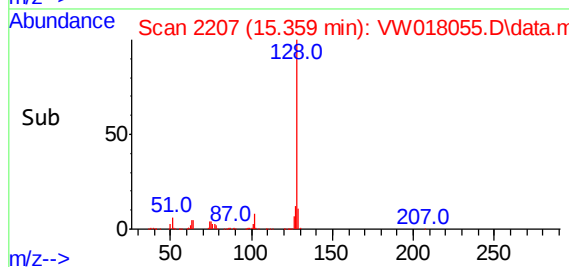
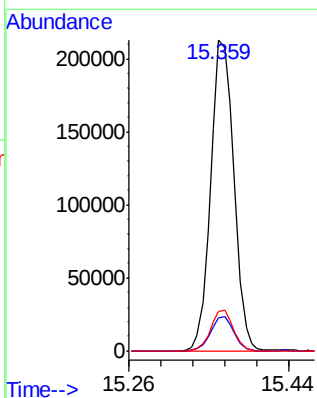
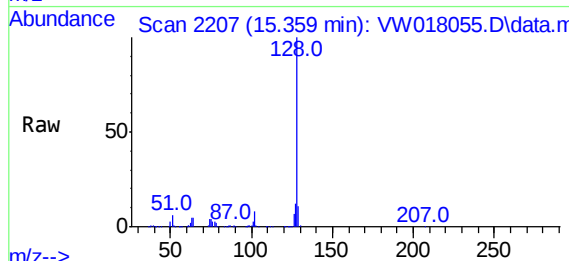




#69
Naphthalene
Concen: 27.56 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD02515

Tgt Ion:128 Resp: 383093
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.6 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 27.67 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018055.D
Acq: 09 Feb 2021 09:44

Tgt Ion:180 Resp: 176220
Ion Ratio Lower Upper
180 100
182 92.1 74.7 112.1
145 32.3 25.4 38.0

