

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018534.D
 Acq On : 01 Apr 2021 14:19
 Operator : SY/VA
 Sample : M1881-06MSD
 Misc : 5.91G/10ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG0MSD

Quant Time: Apr 02 03:31:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

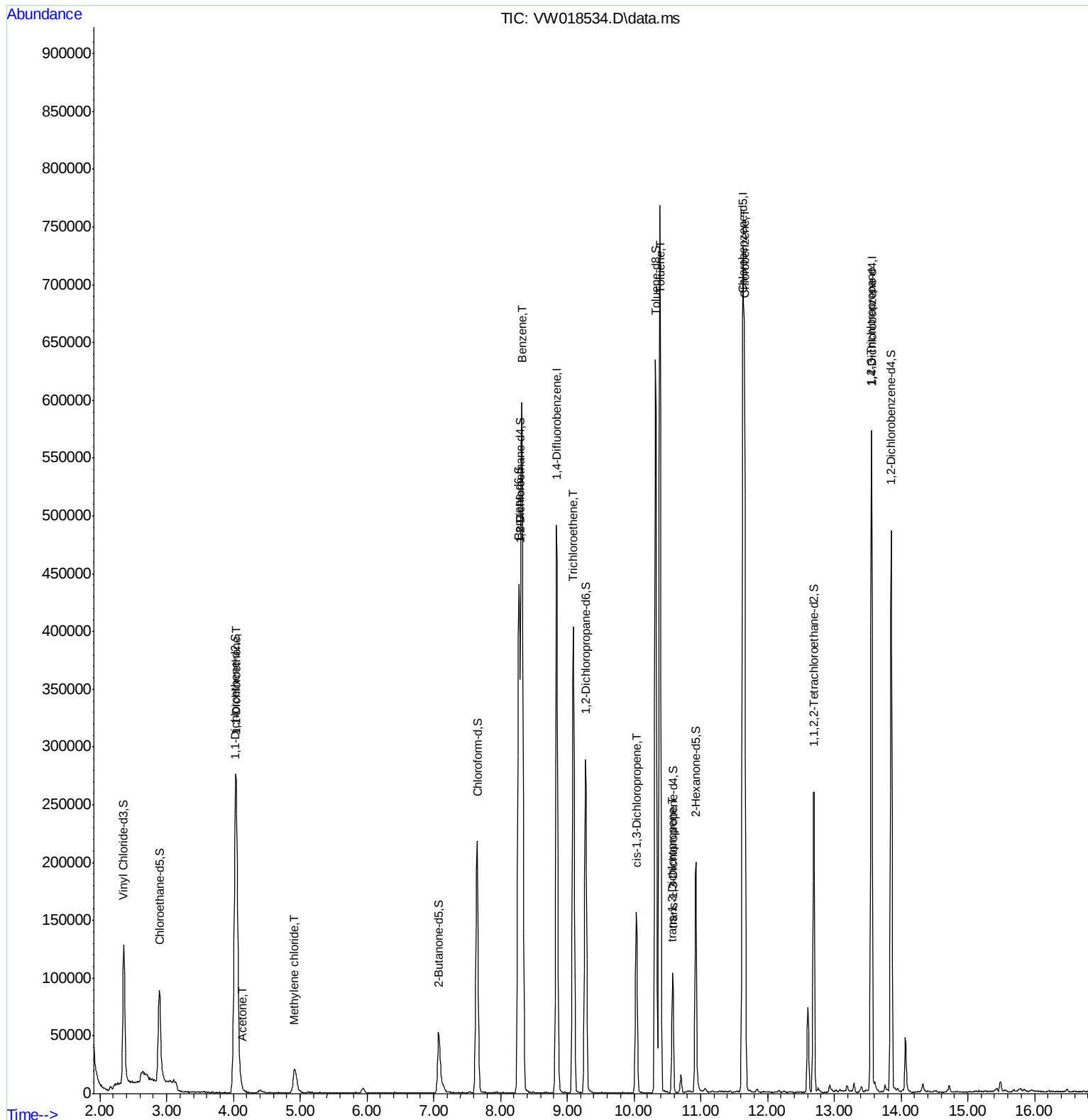
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	405915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	353927	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	142453	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	156588	27.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.88%			
7) Chloroethane-d5	2.891	69	115450	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.40%			
10) 1,1-Dichloroethene-d2	4.025	63	229090	23.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.96%			
20) 2-Butanone-d5	7.073	46	87626	69.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.36%#			
24) Chloroform-d	7.652	84	219477	21.23	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.92%			
26) 1,2-Dichloroethane-d4	8.305	65	136806	22.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.68%			
29) Benzene-d6	8.274	84	444776	23.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.56%			
33) 1,2-Dichloropropane-d6	9.274	67	125749	23.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.68%			
37) Toluene-d8	10.323	98	416802	23.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.04%			
38) trans-1,3-Dichloroprop...	10.579	79	55433	19.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.20%			
39) 2-Hexanone-d5	10.926	63	66873	62.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.92%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	124636	25.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.68%			
61) 1,2-Dichlorobenzene-d4	13.852	152	113552	22.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.68%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.043	96	114461	22.46	ug/L	89
13) Acetone	4.135	43	2724	3.02	ug/L	62
16) Methylene chloride	4.915	84	19585	2.94	ug/L	95
34) Benzene	8.323	78	508151	24.79	ug/L	100
35) Trichloroethene	9.091	95	135032	23.85	ug/L	97
42) cis-1,3-Dichloropropene	10.036	75	4434	0.52	ug/L	90
44) Toluene	10.390	91	556512	23.88	ug/L	94
45) trans-1,3-Dichloropropene	10.573	75	2861	0.38	ug/L	97
52) Chlorobenzene	11.658	112	325500	22.03	ug/L	95
59) 1,2,3-Trichloropropane	13.554	75	18876	5.17	ug/L	95

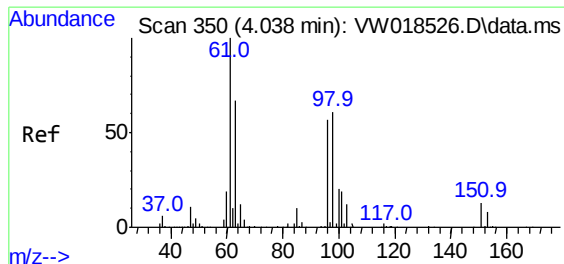
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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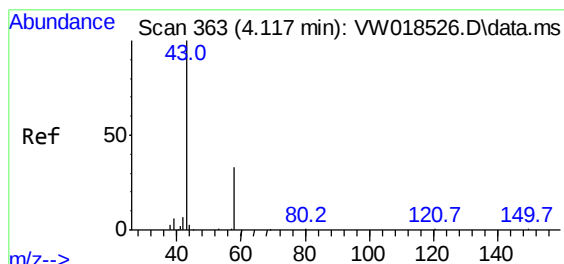
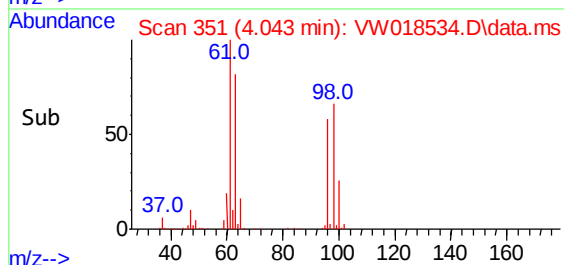
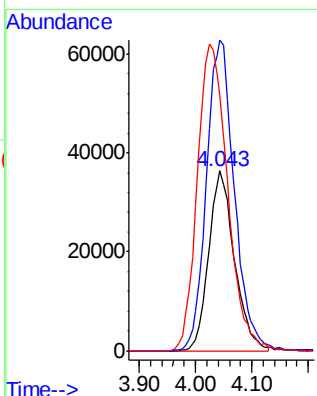
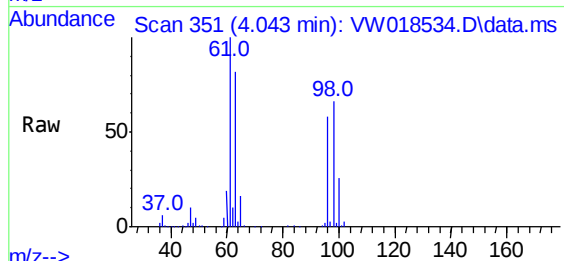




#12
1,1-Dichloroethene
Concen: 22.46 ug/L
RT: 4.043 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

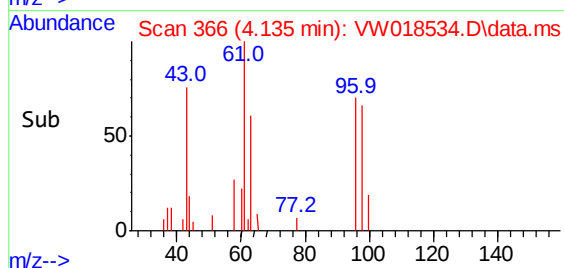
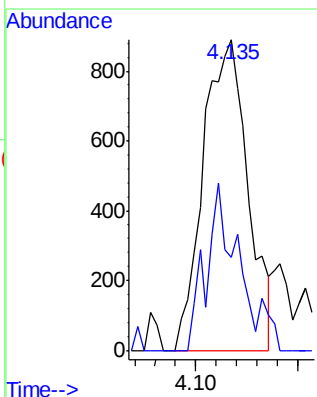
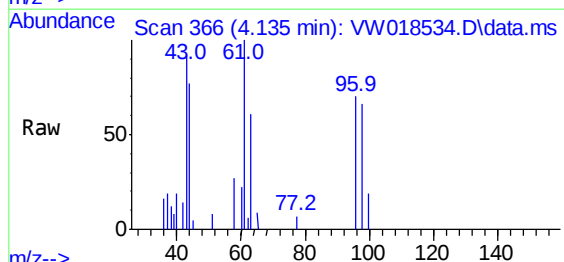
Instrument :
MSVOA_W
ClientSampleId :
ESQG0MSD

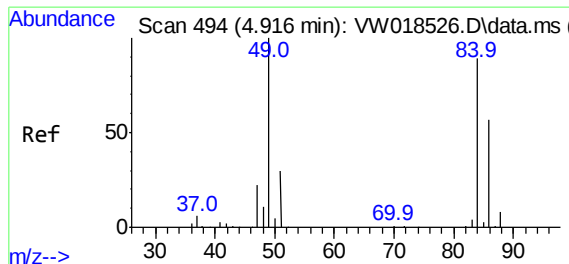
Tgt Ion: 96 Resp: 114461
Ion Ratio Lower Upper
96 100
61 172.7 118.6 220.2
63 142.1 82.4 153.0



#13
Acetone
Concen: 3.02 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

Tgt Ion: 43 Resp: 2724
Ion Ratio Lower Upper
43 100
58 10.0 0.0 62.2



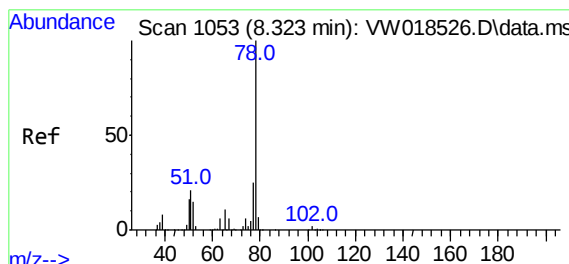
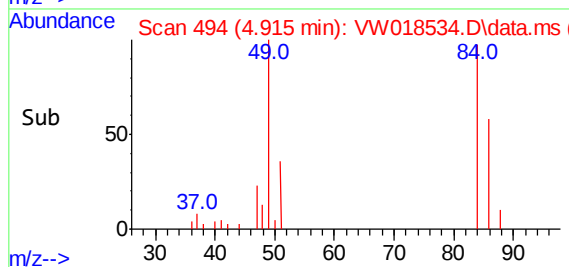
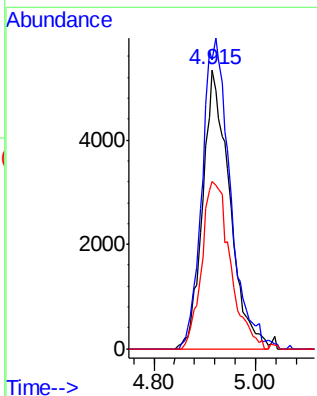
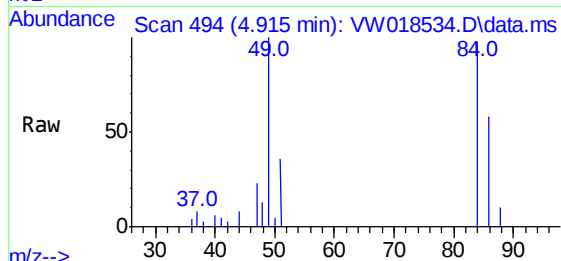


#16
Methylene chloride
Concen: 2.94 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

Instrument :
MSVOA_W
ClientSampleId :
ESQG0MSD

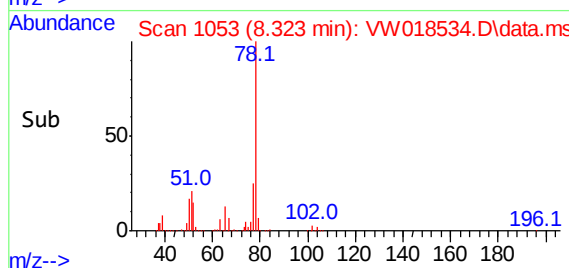
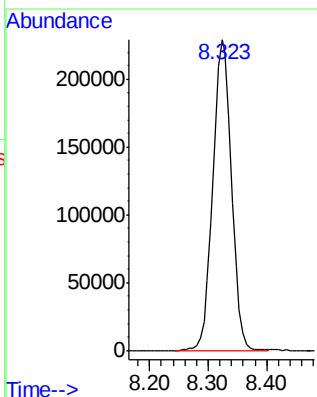
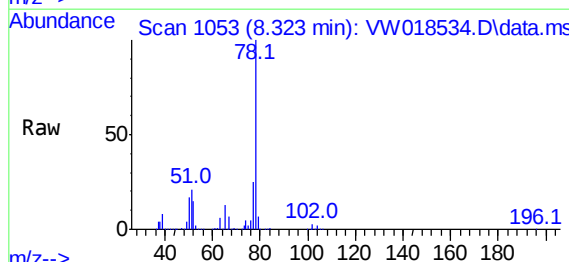
Tgt Ion: 84 Resp: 19585

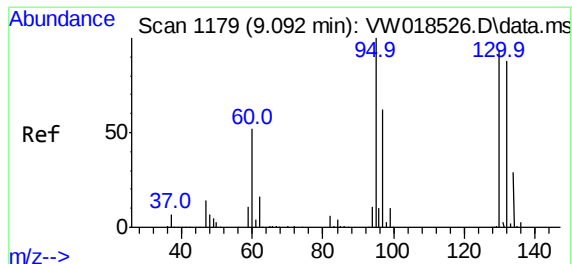
Ion	Ratio	Lower	Upper
84	100		
49	103.5	74.4	138.2
86	59.9	46.1	85.7



#34
Benzene
Concen: 24.79 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

Tgt Ion: 78 Resp: 508151



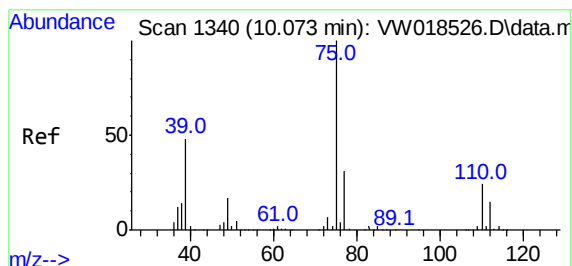
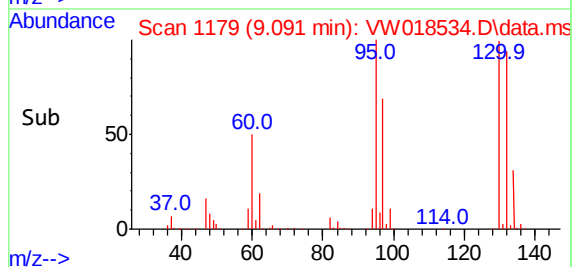
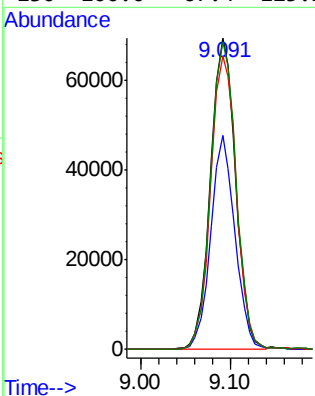
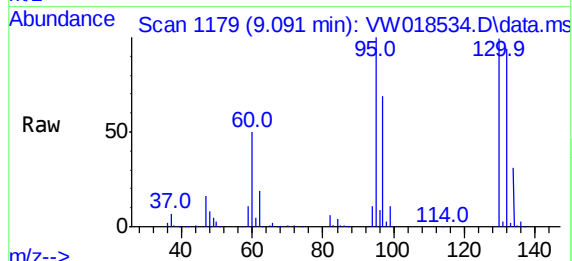


#35
Trichloroethene
Concen: 23.85 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

Instrument :
MSVOA_W
ClientSampleId :
ESQG0MSD

Tgt Ion: 95 Resp: 135032

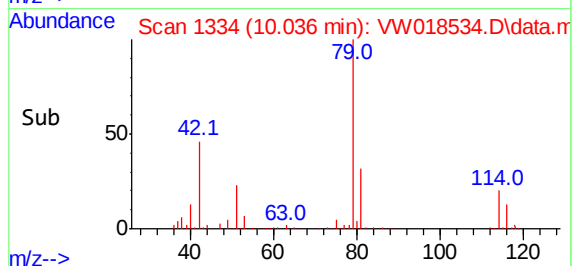
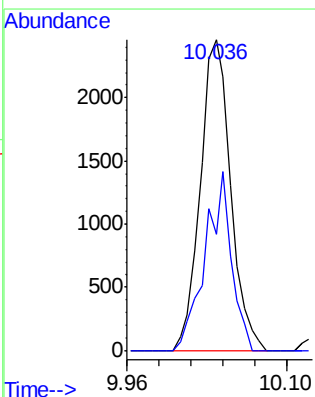
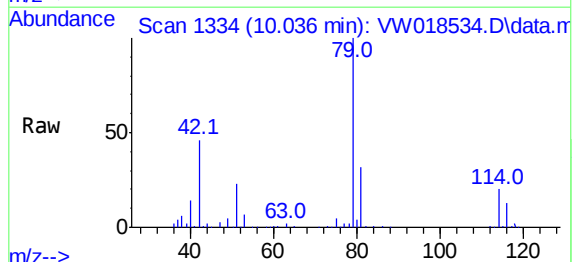
Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.4	82.4
132	96.3	65.9	122.5
130	100.0	67.4	125.2

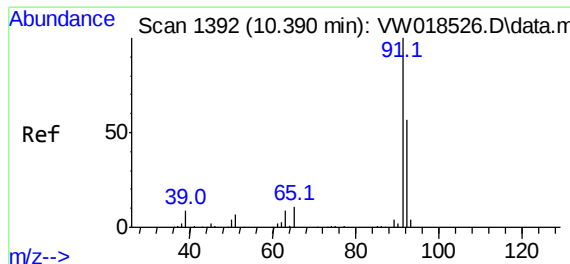


#42
cis-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

Tgt Ion: 75 Resp: 4434

Ion	Ratio	Lower	Upper
75	100		
77	37.5	22.4	41.6

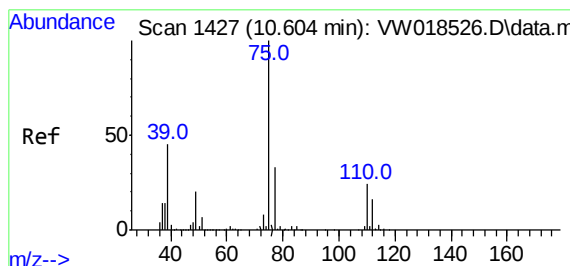
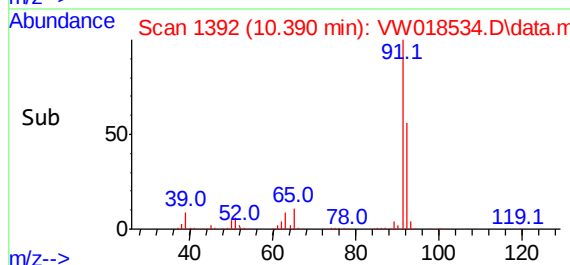
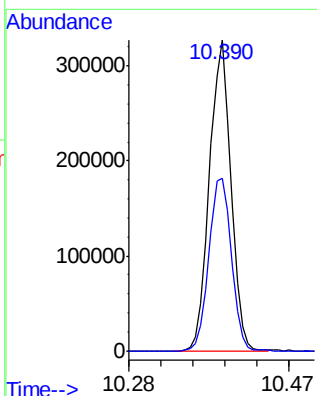
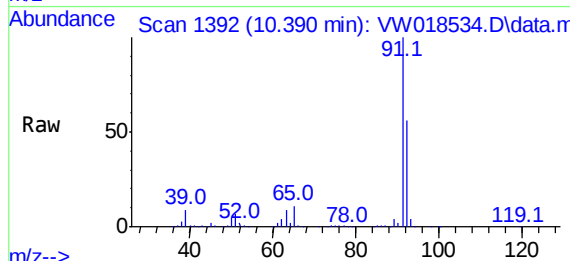




#44
Toluene
Concen: 23.88 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.001 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

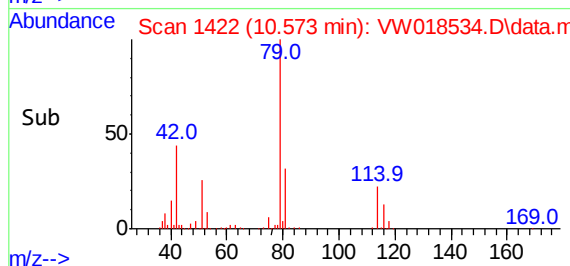
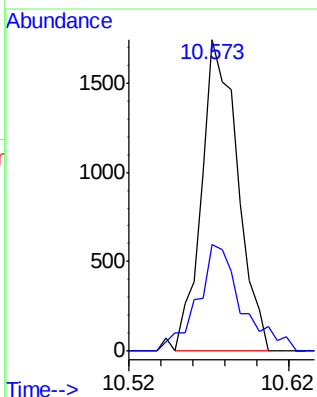
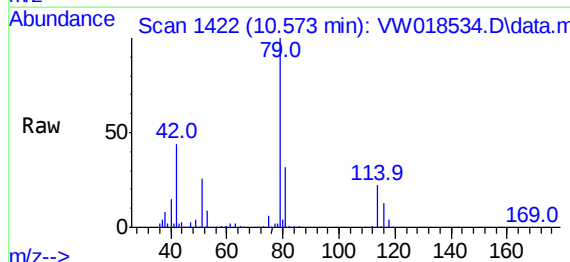
Instrument :
MSVOA_W
ClientSampled :
ESQG0MSD

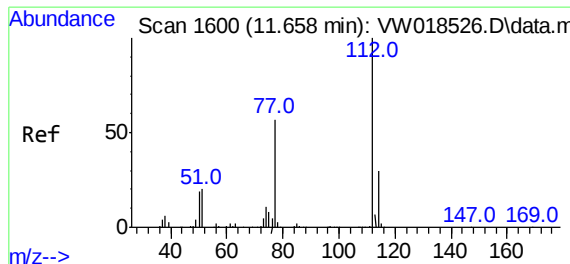
Tgt Ion: 91 Resp: 556512
Ion Ratio Lower Upper
91 100
92 55.6 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

Tgt Ion: 75 Resp: 2861
Ion Ratio Lower Upper
75 100
77 34.1 22.6 42.0

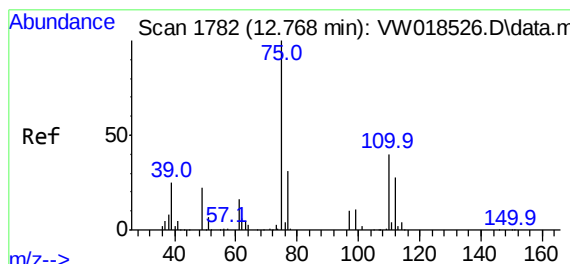
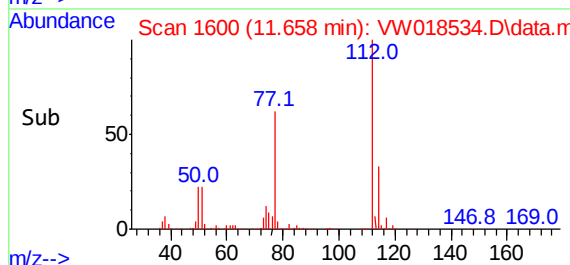
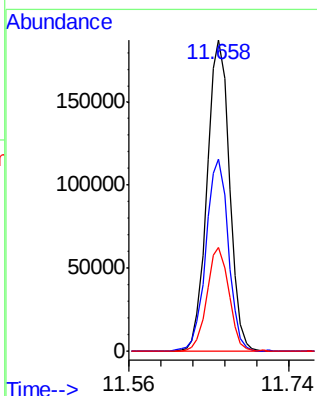
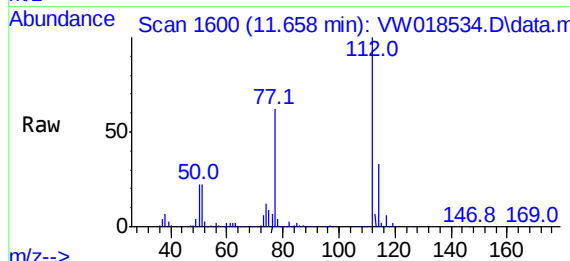




#52
Chlorobenzene
Concen: 22.03 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

Instrument :
MSVOA_W
ClientSampleId :
ESQG0MSD

Tgt Ion: 112 Resp: 325500
Ion Ratio Lower Upper
112 100
77 61.6 45.4 68.2
114 33.4 22.5 41.9



#59
1,2,3-Trichloropropane
Concen: 5.17 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018534.D
Acq: 01 Apr 2021 14:19

Tgt Ion: 75 Resp: 18876
Ion Ratio Lower Upper
75 100
77 34.9 25.6 38.4

