

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040221\
 Data File : VW018549.D
 Acq On : 02 Apr 2021 14:28
 Operator : SY/VA
 Sample : M1881-06MSD
 Misc : 5.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG0MSD

Quant Time: Apr 02 23:46:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 23:44:48 2021
 Response via : Initial Calibration

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

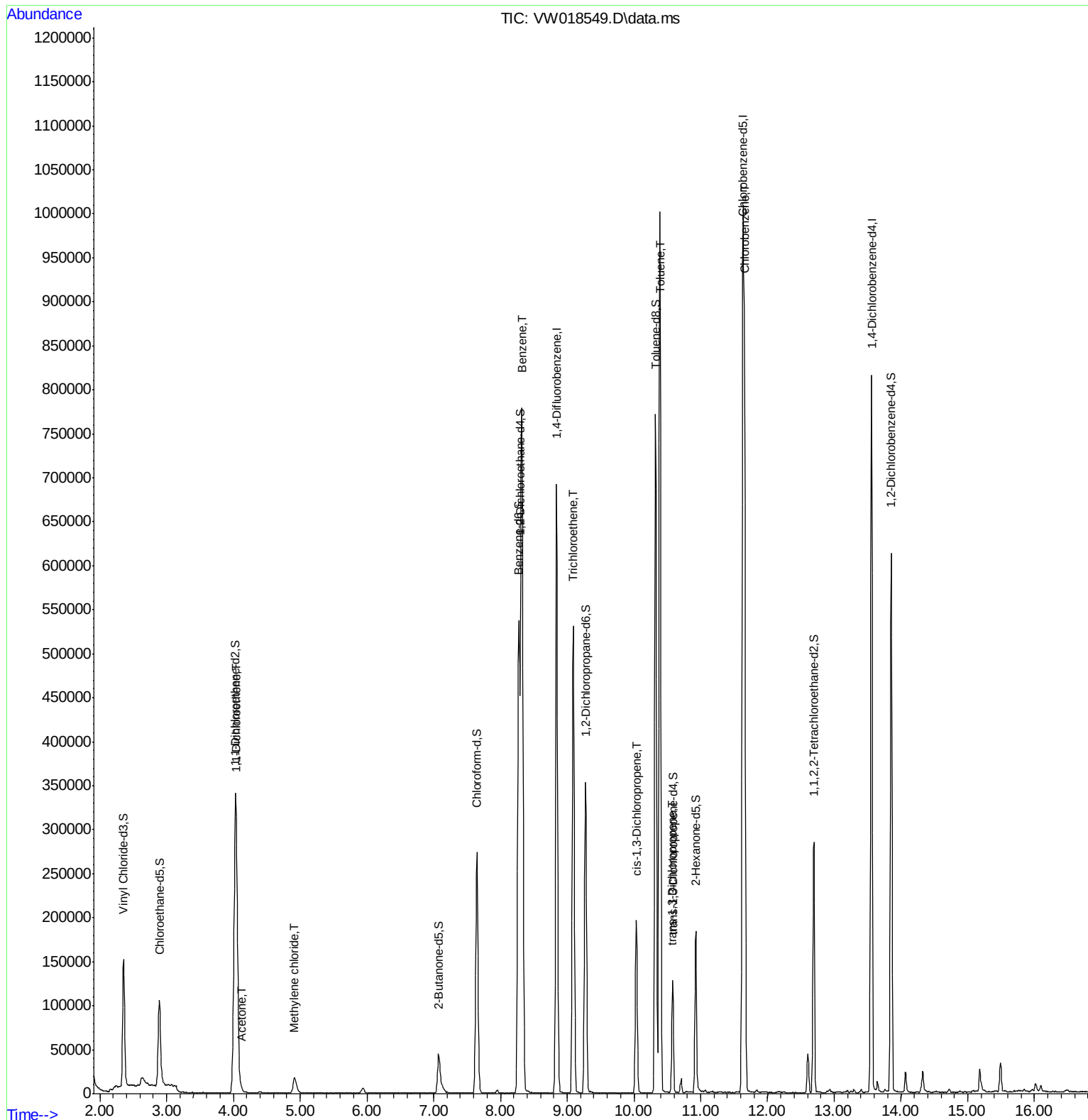
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	560830	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	492055	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	216152	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	172336	22.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.32%		
7) Chloroethane-d5	2.892	69	133379	19.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.08%		
10) 1,1-Dichloroethene-d2	4.026	63	269076	19.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.88%		
20) 2-Butanone-d5	7.074	46	75365	43.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.76%		
24) Chloroform-d	7.647	84	270592	18.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.76%		
26) 1,2-Dichloroethane-d4	8.305	65	173739	20.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.36%		
29) Benzene-d6	8.275	84	538522	20.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.36%		
33) 1,2-Dichloropropane-d6	9.275	67	154879	20.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.12%		
37) Toluene-d8	10.323	98	511694	20.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.28%		
38) trans-1,3-Dichloroprop...	10.579	79	68549	17.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.48%		
39) 2-Hexanone-d5	10.927	63	62862	42.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.14%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	138462	20.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	152165	19.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.20%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	145158	20.62	ug/L	96
13) Acetone	4.117	43	543	0.44	ug/L	86
16) Methylene chloride	4.916	84	15389	1.67	ug/L	96
34) Benzene	8.324	78	674905	23.68	ug/L	100
35) Trichloroethene	9.092	95	177102	22.50	ug/L	97
42) cis-1,3-Dichloropropene	10.037	75	5693	0.48	ug/L #	58
44) Toluene	10.390	91	757093	23.37	ug/L	94
45) trans-1,3-Dichloropropene	10.573	75	3647	0.34	ug/L	91
52) Chlorobenzene	11.658	112	445790	21.70	ug/L	98

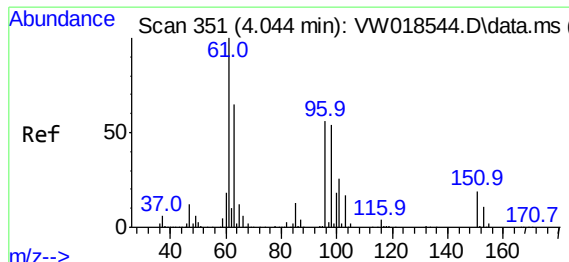
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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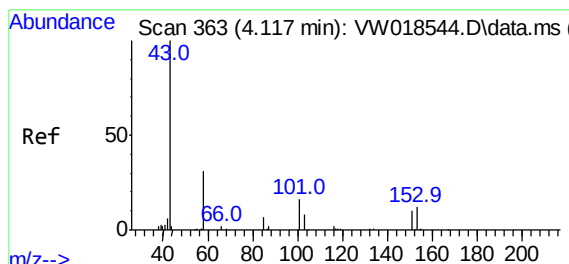
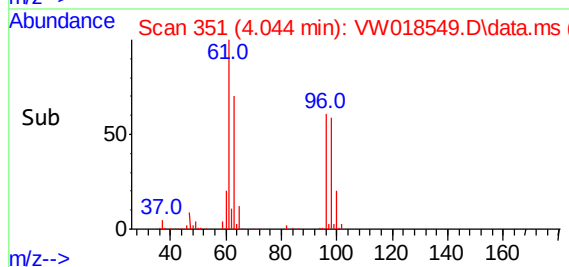
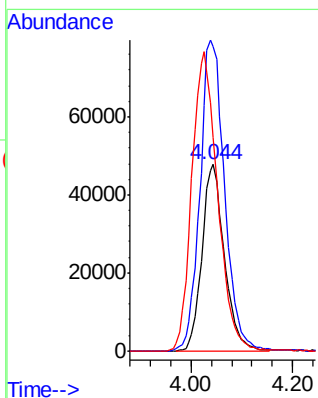
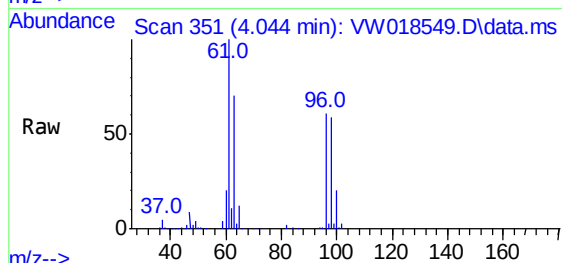




#12
1,1-Dichloroethene
Concen: 20.62 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW018549.D
Acq: 02 Apr 2021 14:28

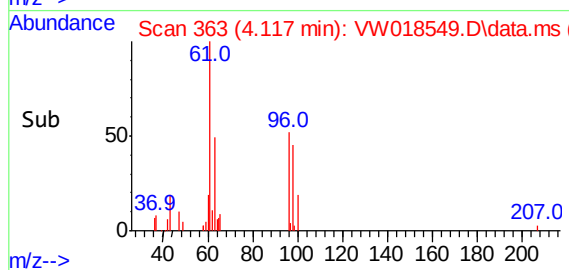
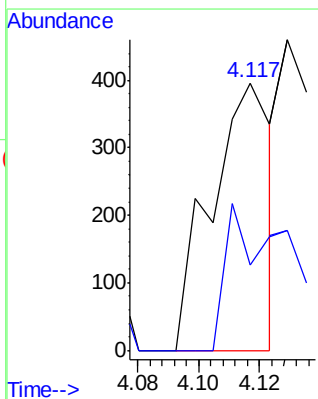
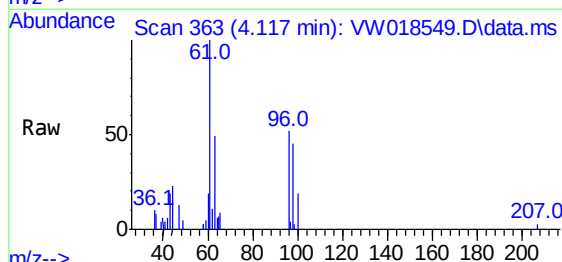
Instrument :
MSVOA_W
ClientSampleId :
ESQG0MSD

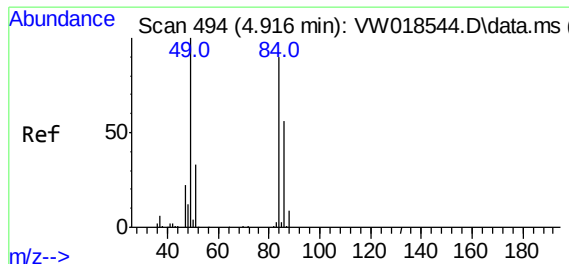
Tgt Ion: 96 Resp: 145158
Ion Ratio Lower Upper
96 100
61 163.5 118.6 220.2
63 114.6 82.4 153.0



#13
Acetone
Concen: 0.44 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018549.D
Acq: 02 Apr 2021 14:28

Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 23.2 0.0 62.2



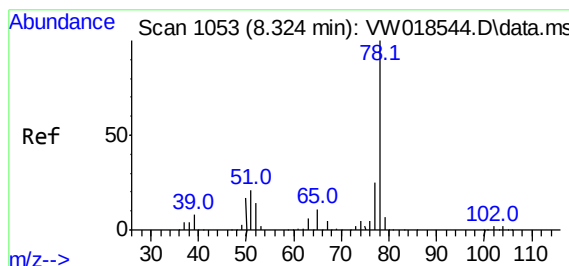
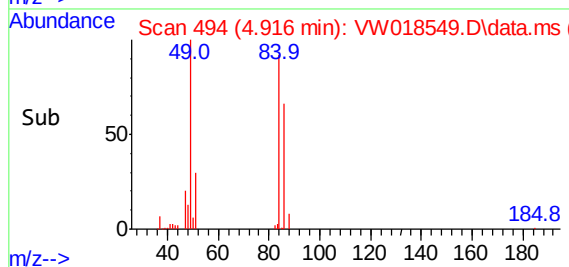
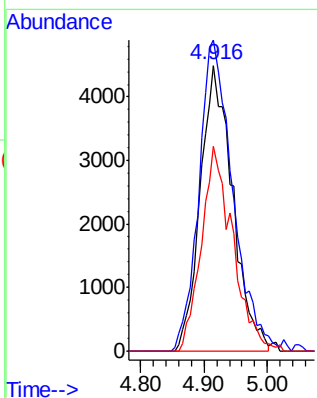
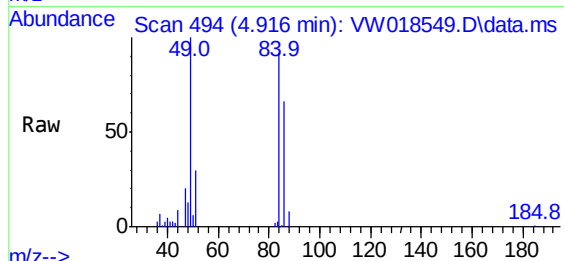


#16
Methylene chloride
Concen: 1.67 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018549.D
Acq: 02 Apr 2021 14:28

Instrument :
MSVOA_W
ClientSampleId :
ESQG0MSD

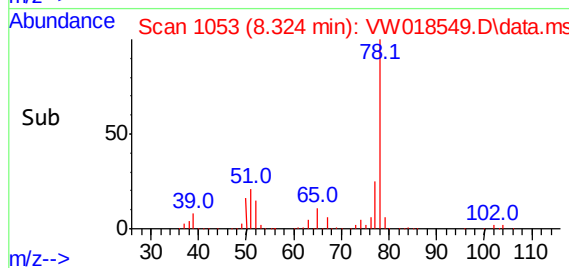
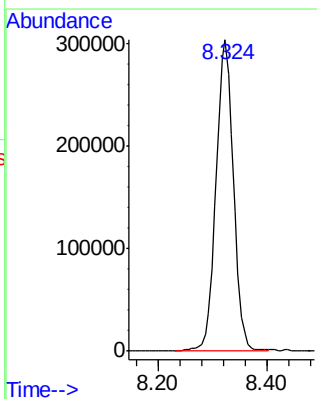
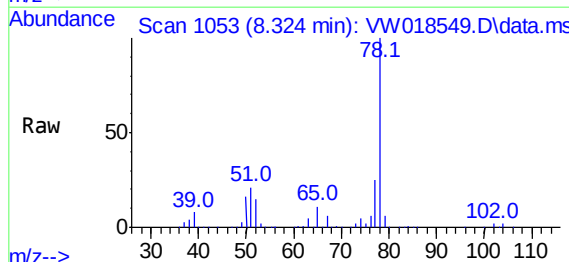
Tgt Ion: 84 Resp: 15389

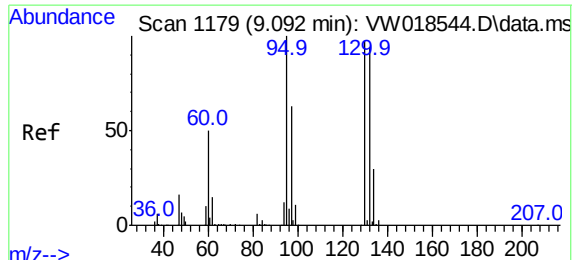
Ion	Ratio	Lower	Upper
84	100		
49	108.8	74.4	138.2
86	71.8	46.1	85.7



#34
Benzene
Concen: 23.68 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018549.D
Acq: 02 Apr 2021 14:28

Tgt Ion: 78 Resp: 674905



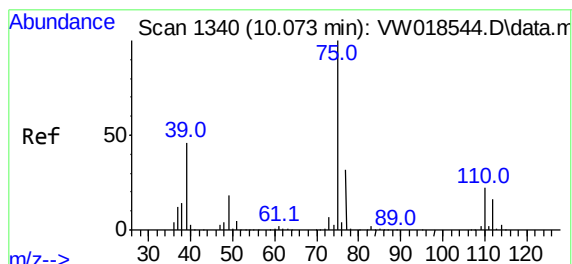
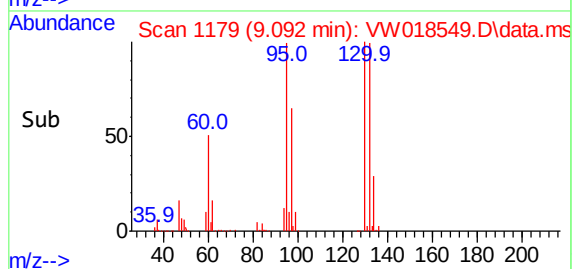
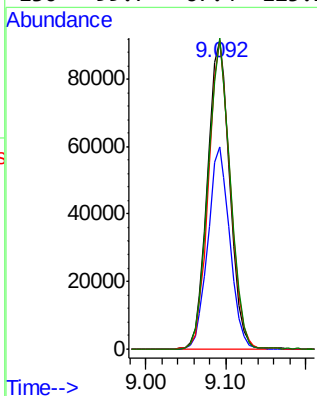
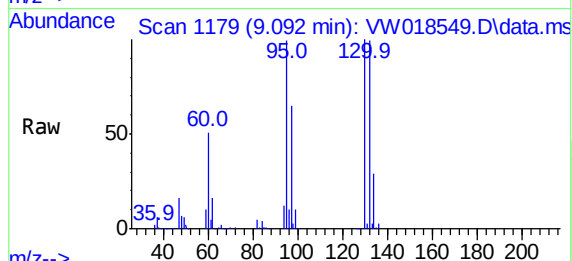


#35
Trichloroethene
Concen: 22.50 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018549.D
Acq: 02 Apr 2021 14:28

Instrument :
MSVOA_W
ClientSampleId :
ESQG0MSD

Tgt Ion: 95 Resp: 177102

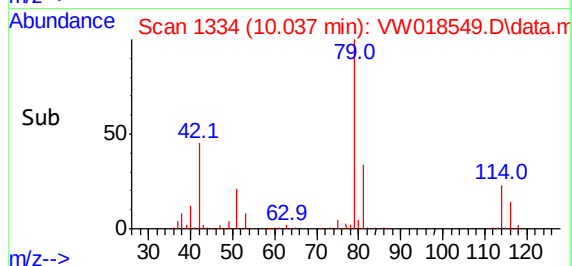
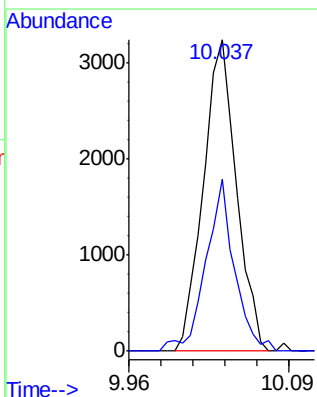
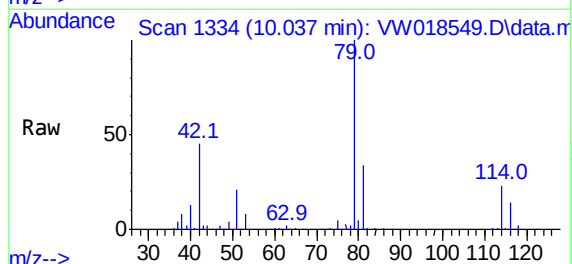
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	97.3	65.9	122.5
130	99.7	67.4	125.2

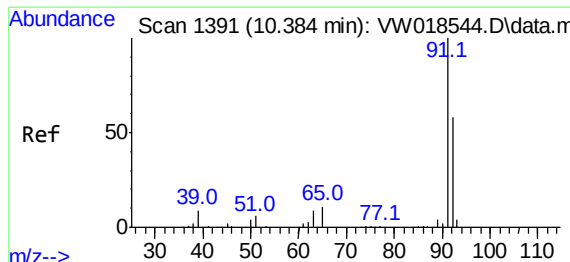


#42
cis-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018549.D
Acq: 02 Apr 2021 14:28

Tgt Ion: 75 Resp: 5693

Ion	Ratio	Lower	Upper
75	100		
77	55.1	22.4	41.6





#44

Toluene

Concen: 23.37 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018549.D

Acq: 02 Apr 2021 14:28

Instrument :

MSVOA_W

ClientSampled :

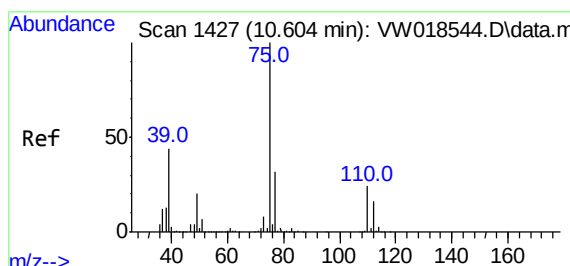
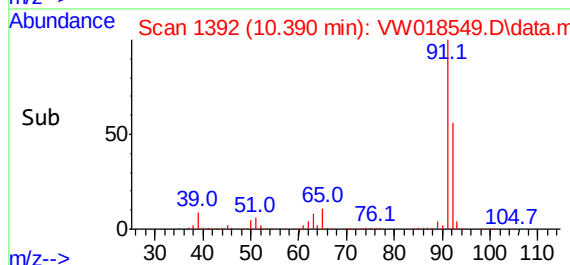
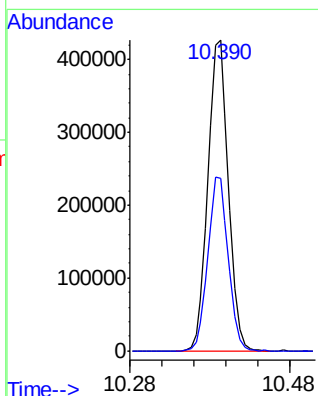
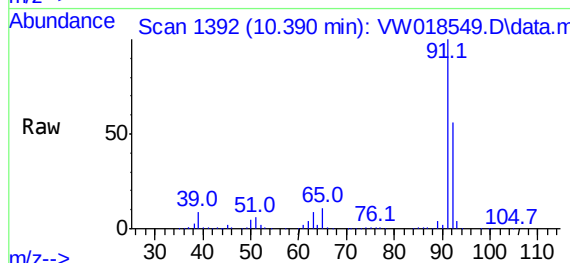
ESQG0MSD

Tgt Ion: 91 Resp: 757093

Ion Ratio Lower Upper

91 100

92 55.6 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 0.34 ug/L

RT: 10.573 min Scan# 1422

Delta R.T. -0.030 min

Lab File: VW018549.D

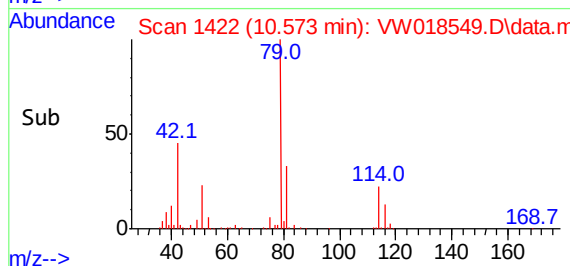
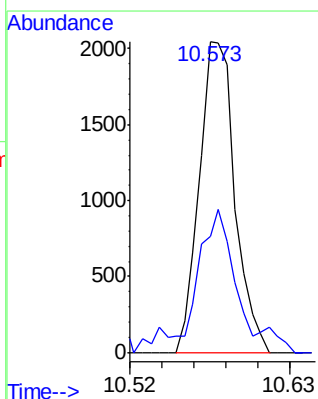
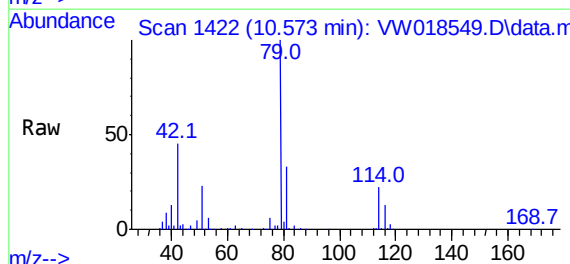
Acq: 02 Apr 2021 14:28

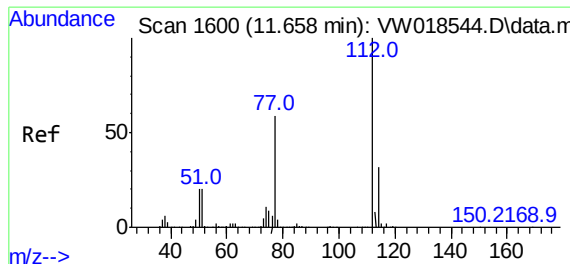
Tgt Ion: 75 Resp: 3647

Ion Ratio Lower Upper

75 100

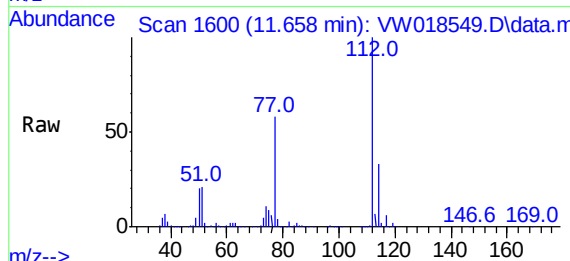
77 37.5 22.6 42.0





#52
Chlorobenzene
Concen: 21.70 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
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MSVOA_W
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Tgt Ion:112 Resp: 445790

Ion	Ratio	Lower	Upper
112	100		
77	58.4	45.4	68.2
114	32.5	22.5	41.9

