

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040221\
 Data File : VW018547.D
 Acq On : 02 Apr 2021 13:40
 Operator : SY/VA
 Sample : M1881-04
 Misc : 6.35G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG0

Quant Time: Apr 02 23:45:48 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)

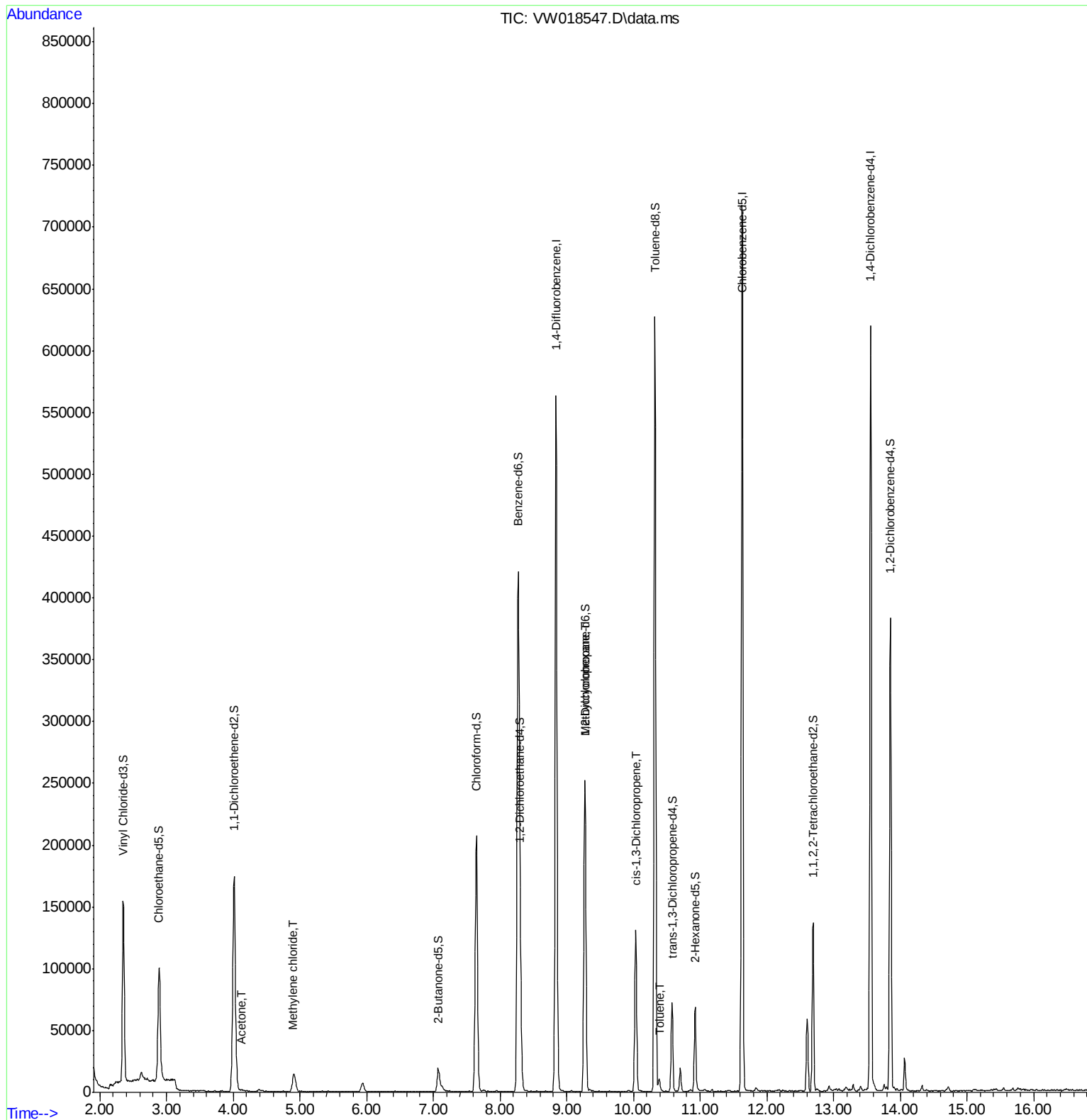
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	468187	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	382636	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	159087	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	158404	24.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.24%		
7) Chloroethane-d5	2.885	69	121395	21.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.16%		
10) 1,1-Dichloroethene-d2	4.013	63	174135	15.48	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.92%		
20) 2-Butanone-d5	7.074	46	30708	21.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	42.34%		
24) Chloroform-d	7.647	84	204998	17.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.76%		
26) 1,2-Dichloroethane-d4	8.305	65	102373	14.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	58.84%#		
29) Benzene-d6	8.275	84	425093	20.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.60%		
33) 1,2-Dichloropropane-d6	9.274	67	111590	19.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.08%		
37) Toluene-d8	10.323	98	405617	20.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.84%		
38) trans-1,3-Dichloroprop...	10.579	79	38114	12.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	50.40%		
39) 2-Hexanone-d5	10.927	63	23251	20.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	40.50%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	66072	12.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	50.36%		
61) 1,2-Dichlorobenzene-d4	13.853	152	95945	16.96	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	67.84%#		
Target Compounds						
13) Acetone	4.117	43	1005	0.96	ug/L	69
16) Methylene chloride	4.903	84	5978	0.78	ug/L	89
36) Methylcyclohexane	9.274	83	29289	2.73	ug/L #	21
42) cis-1,3-Dichloropropene	10.036	75	3971	0.43	ug/L	91
44) Toluene	10.390	91	6120	0.24	ug/L	93

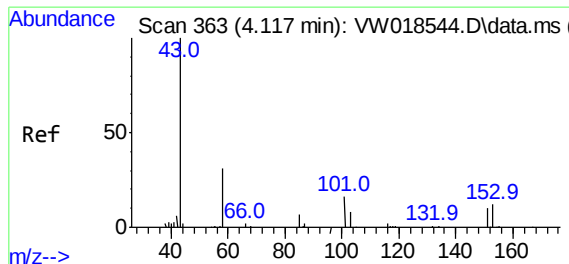
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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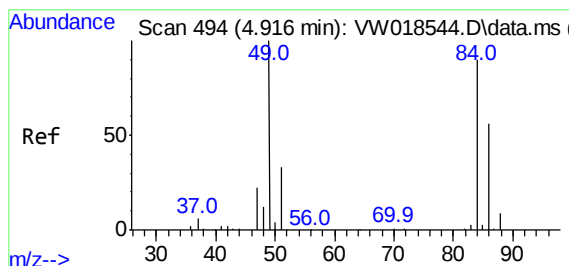
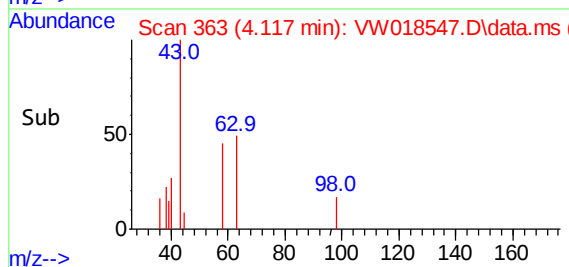
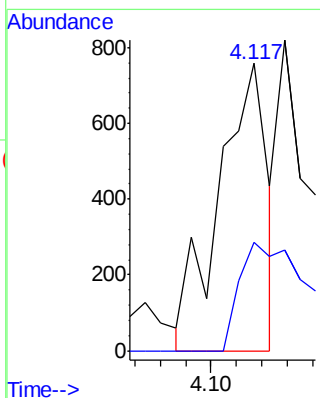
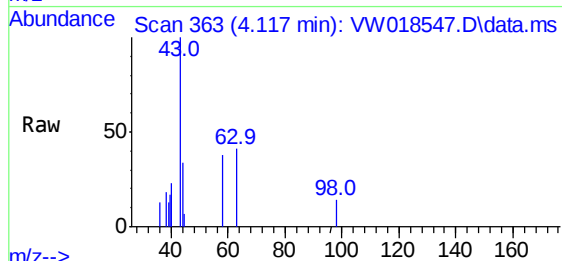




#13
Acetone
Concen: 0.96 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018547.D
Acq: 02 Apr 2021 13:40

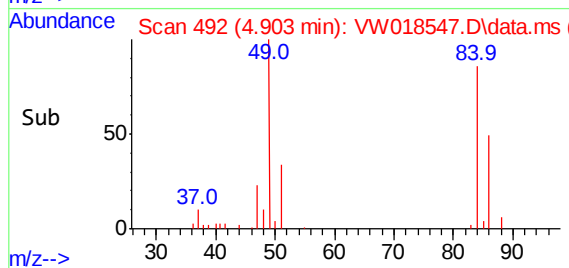
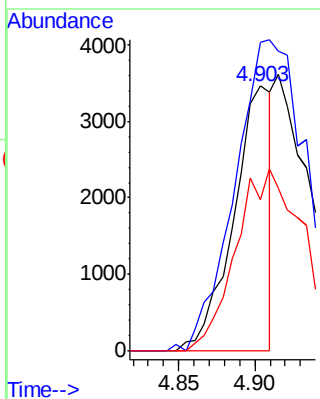
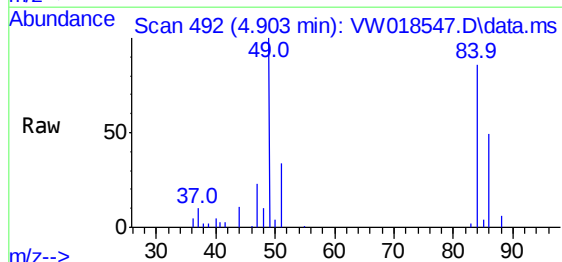
Instrument :
MSVOA_W
ClientSampled :
ESQG0

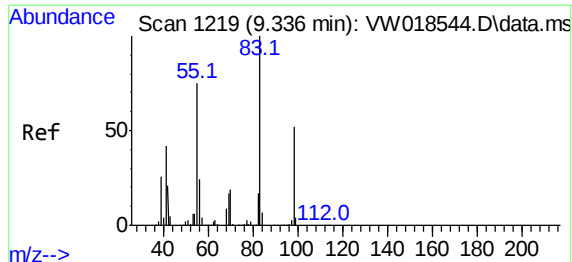
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 48.4 0.0 62.2



#16
Methylene chloride
Concen: 0.78 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.012 min
Lab File: VW018547.D
Acq: 02 Apr 2021 13:40

Tgt Ion: 84 Resp: 5978
Ion Ratio Lower Upper
84 100
49 116.7 74.4 138.2
86 56.9 46.1 85.7

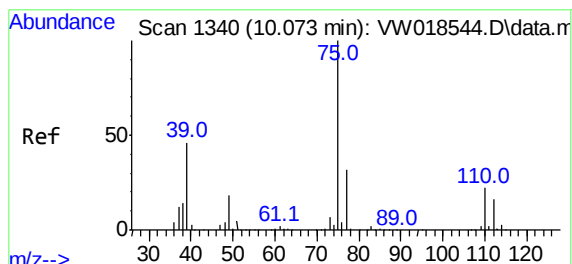
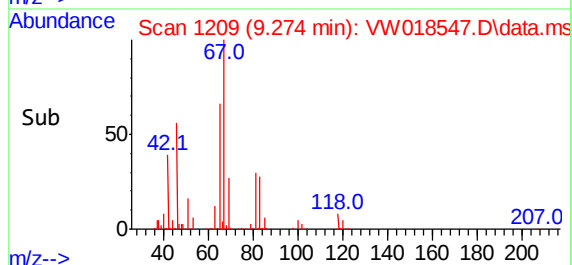
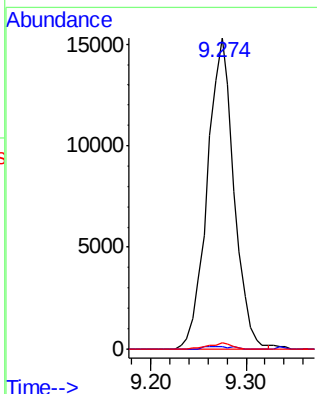
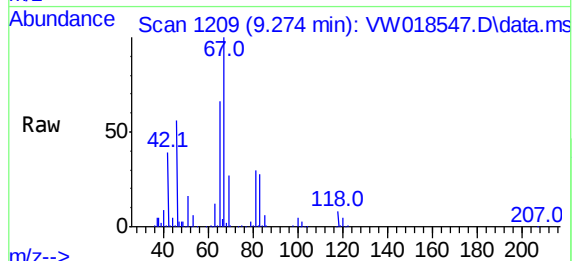




#36
Methylcyclohexane
Concen: 2.73 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018547.D
Acq: 02 Apr 2021 13:40

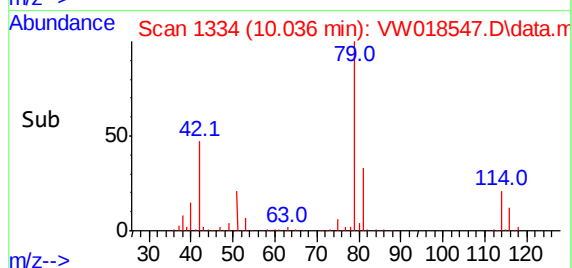
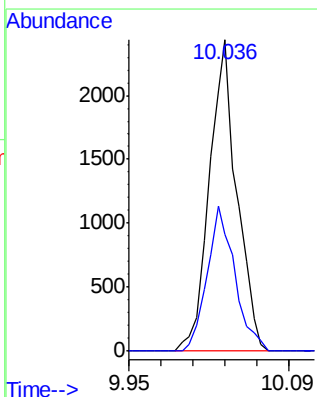
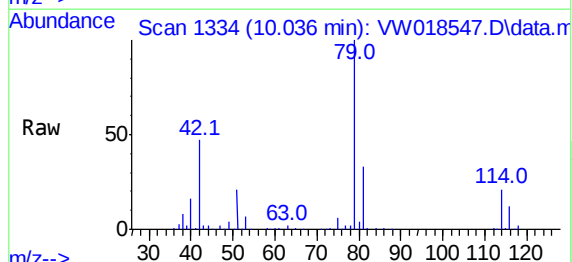
Instrument :
MSVOA_W
ClientSampleId :
ESQG0

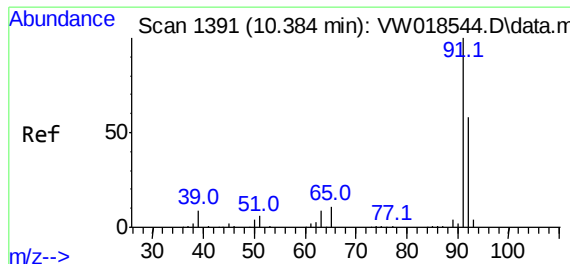
Tgt Ion: 83 Resp: 29289
Ion Ratio Lower Upper
83 100
55 0.6 56.8 85.2#
98 1.5 40.6 61.0#



#42
cis-1,3-Dichloropropene
Concen: 0.43 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018547.D
Acq: 02 Apr 2021 13:40

Tgt Ion: 75 Resp: 3971
Ion Ratio Lower Upper
75 100
77 37.2 22.4 41.6





#44

Toluene

Concen: 0.24 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018547.D

Acq: 02 Apr 2021 13:40

Instrument :

MSVOA_W

ClientSampleId :

ESQG0

Tgt Ion: 91 Resp: 6120

Ion Ratio Lower Upper

91 100

92 54.9 42.3 78.5

