

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV016000.D
 Acq On : 11 May 2020 19:40
 Operator : SY/MD
 Sample : L2541-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4249

Quant Time: May 12 03:42:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	143548	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143880	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33141	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.58	69	33228	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	54137	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.93	46	114138	51.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.38	84	79247	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	50245	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	163420	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.10	67	52791	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	143906	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
45) trans-1,3-Dichloropropene-	7.65	79	14039	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
48) 2-Hexanone-d5	8.12	63	75443	41.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35830	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	55615	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

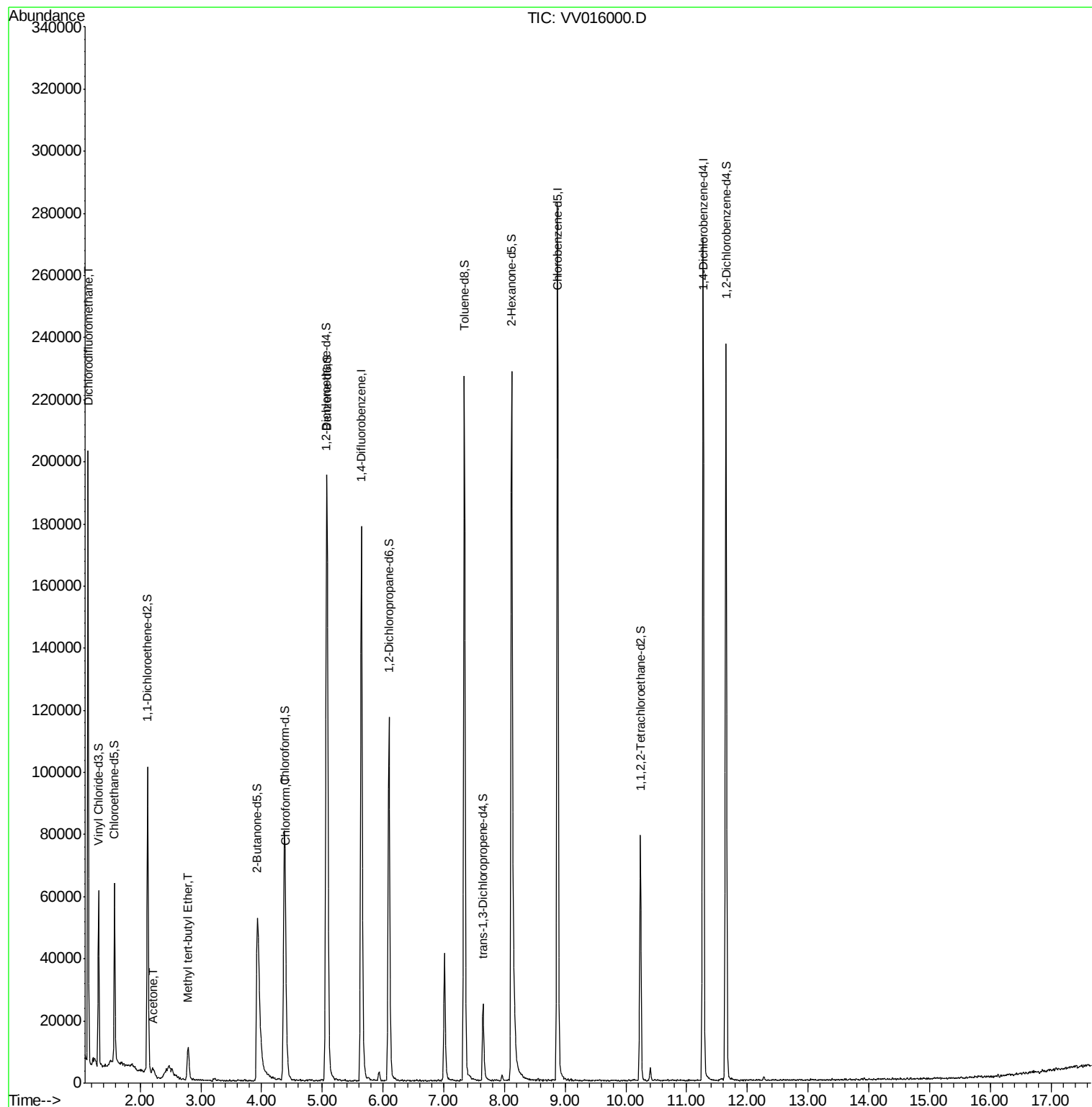
					Ovalue
2) Dichlorodifluoromethane	1.14	85	2009	0.183 ug/L	96
13) Acetone	2.21	43	5040	3.439 ug/L	95
17) Methyl tert-butyl Ether	2.78	73	10121	0.493 ug/L	94
25) Chloroform	4.40	83	9420	0.509 ug/L	100

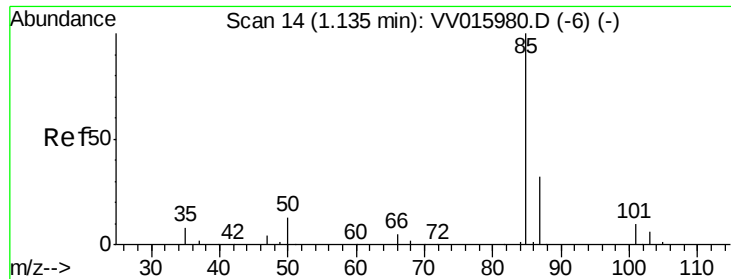
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.183 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016000.D

Acq: 11 May 2020 19:40

Instrument :

MSVOA_V

ClientSampleId :

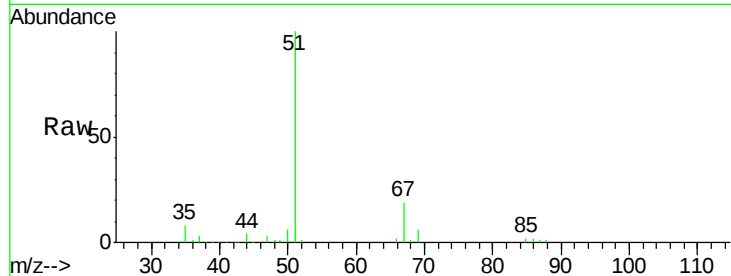
H4249

Tot Ion: 85 Resp: 2009

Ion Ratio Lower Upper

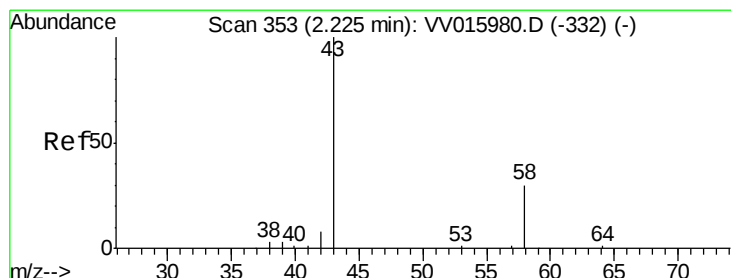
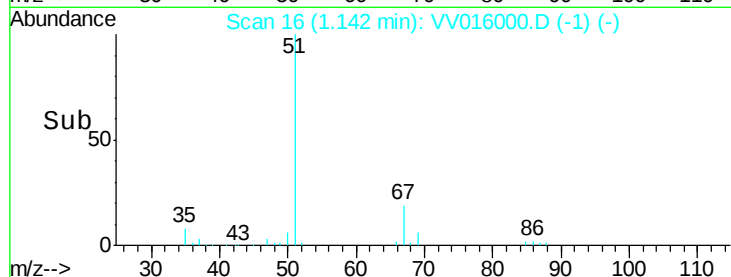
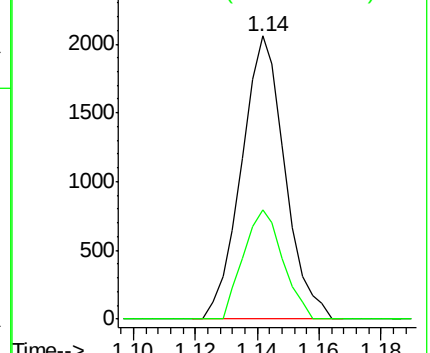
85 100

87 35.0 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 3.439 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV016000.D

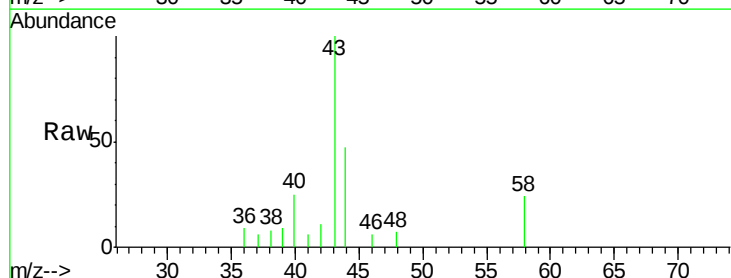
Acq: 11 May 2020 19:40

Tgt Ion: 43 Resp: 5040

Ion Ratio Lower Upper

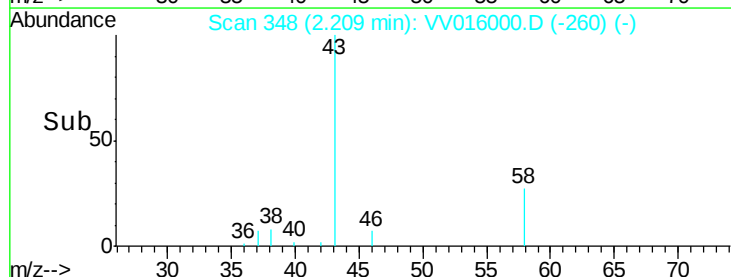
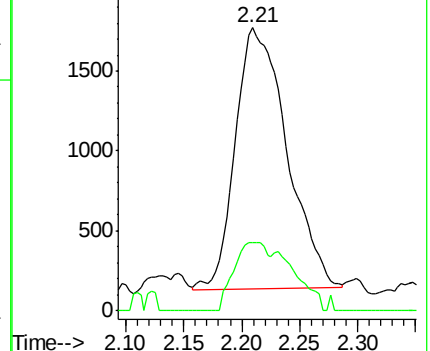
43 100

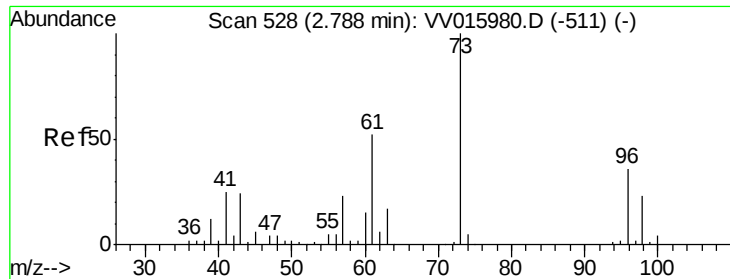
58 17.7 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

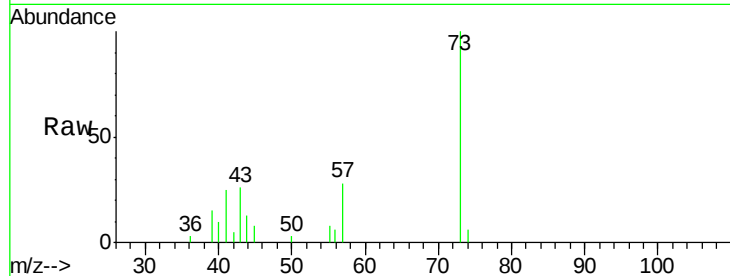




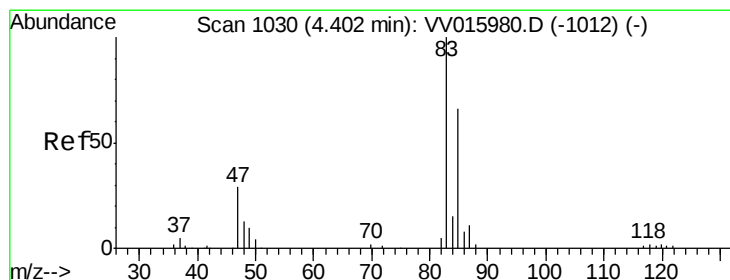
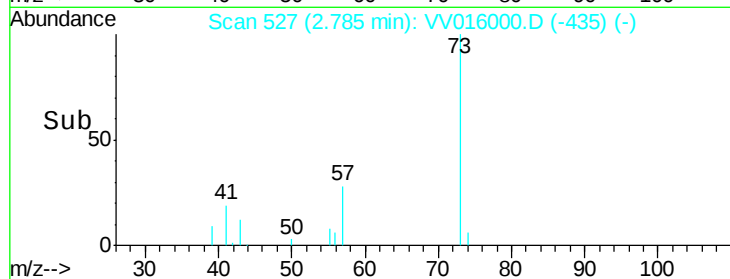
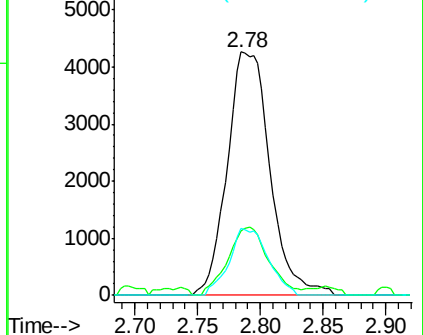
#17
Methvl tert-butvl Ether
Concen: 0.493 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV016000.D
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MSVOA_V
ClientSampled :
H4249

Tot Ion: 73 Resp: 10121
Ion Ratio Lower Upper
73 100
43 26.7 18.8 28.2
57 25.0 17.8 26.6

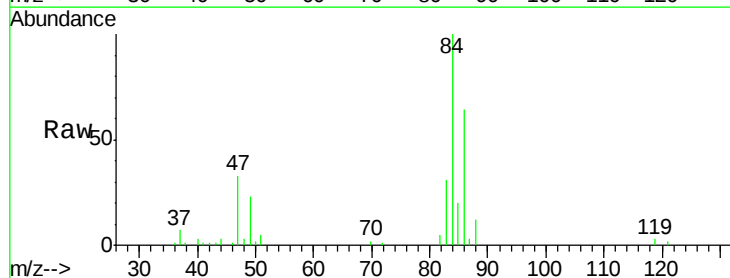


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0



#25
Chloroform
Concen: 0.509 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016000.D
Acq: 11 May 2020 19:40

Tgt Ion: 83 Resp: 9420
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

