

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015482.D
 Acq On : 14 Apr 2020 23:50
 Operator : SY/MD
 Sample : L2274-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAAQ0

Quant Time: Apr 15 06:02:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 05:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	107798	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	102209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33025	5.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.00%
7) Chloroethane-d5	1.58	69	28517	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.12	63	45747	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.93	46	77789	49.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.38	84	59394	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	33803	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	122510	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.10	67	37223	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	112354	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.65	79	14802	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.11	63	62942	42.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25761	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	41468	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

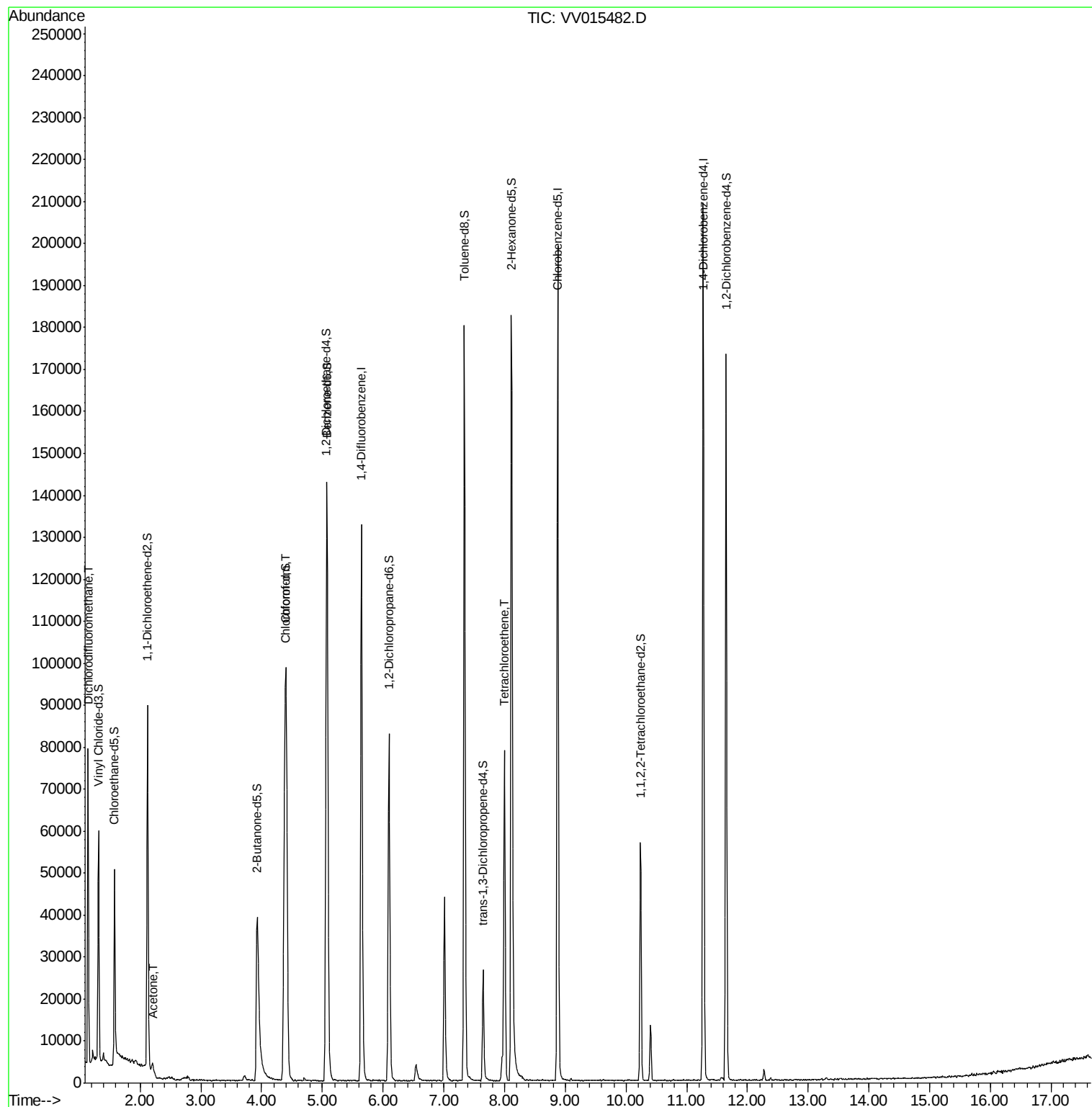
					Ovalue
2) Dichlorodifluoromethane	1.14	85	888	0.083 ug/L #	87
13) Acetone	2.21	43	5357	4.828 ug/L	82
25) Chloroform	4.41	83	73870	5.022 ug/L	99
47) Tetrachloroethene	8.00	164	16101	2.639 ug/L	99

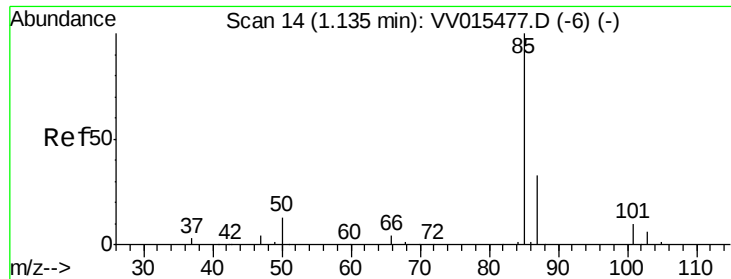
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.083 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015482.D

Acq: 14 Apr 2020 23:50

Instrument :

MSVOA_V

ClientSampleId :

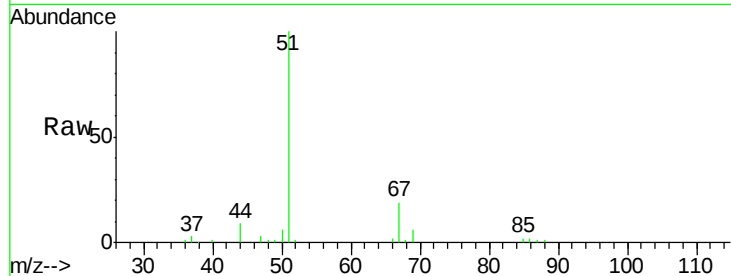
YQAQ0

Tot Ion: 85 Resp: 888

Ion Ratio Lower Upper

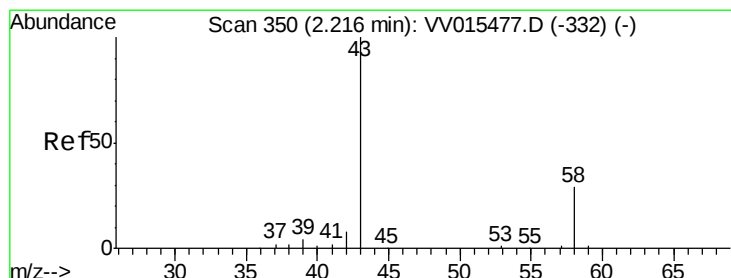
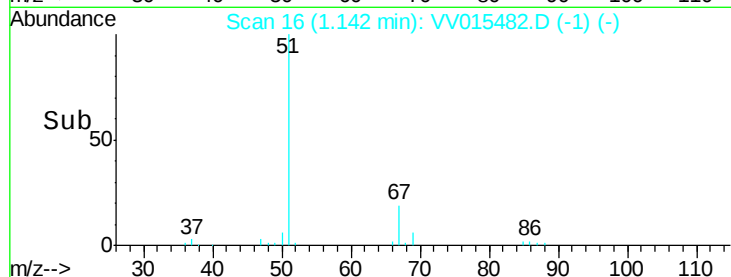
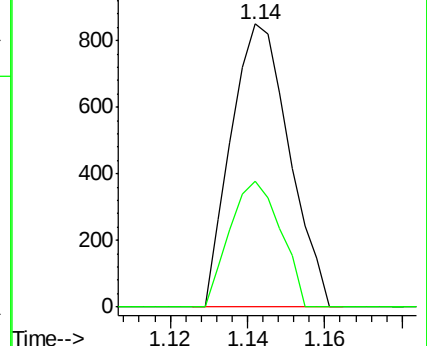
85 100

87 38.7 25.3 37.9#



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 4.828 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV015482.D

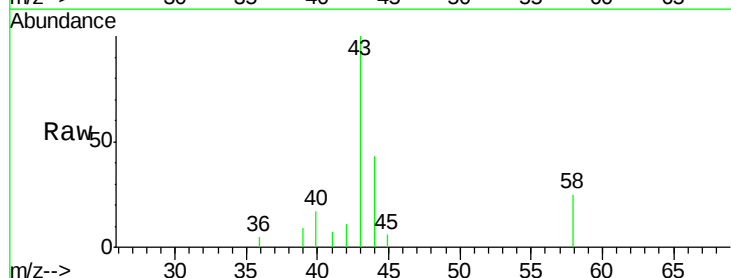
Acq: 14 Apr 2020 23:50

Tgt Ion: 43 Resp: 5357

Ion Ratio Lower Upper

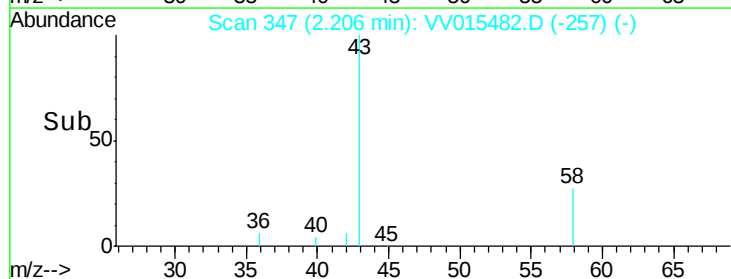
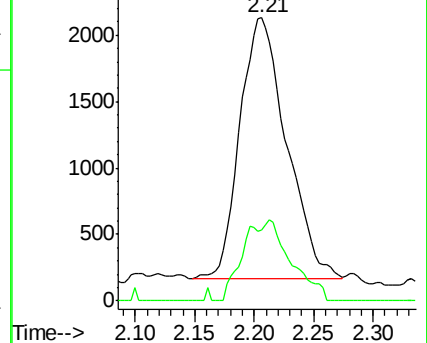
43 100

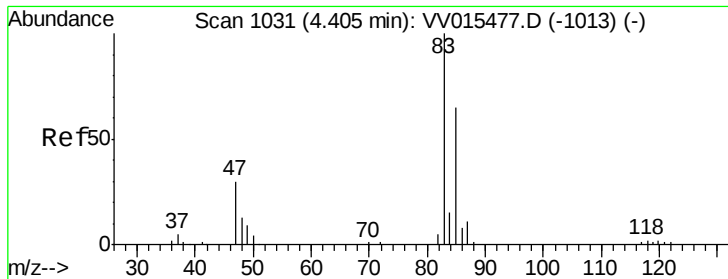
58 17.8 0.0 22.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

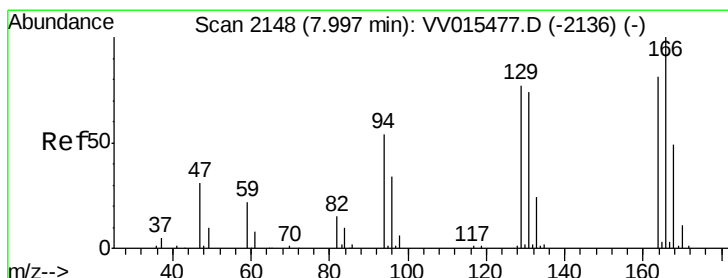
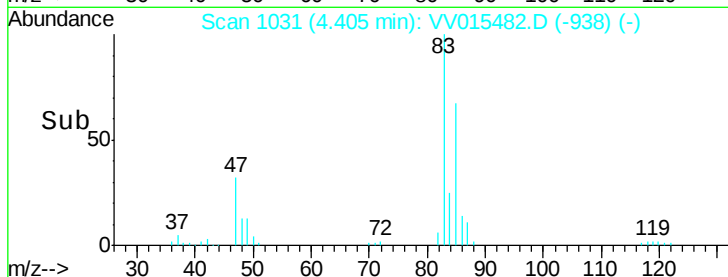
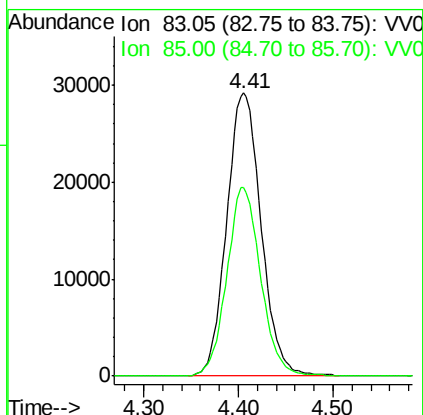
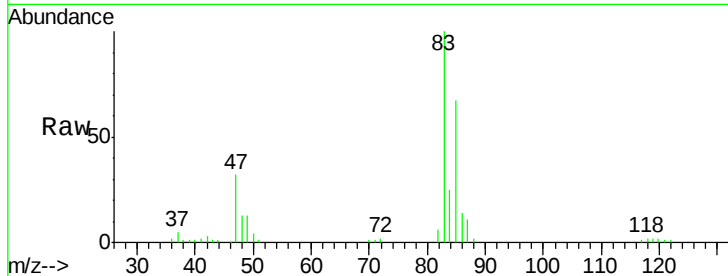




#25
Chloroform
Concen: 5.022 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
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Tot Ion: 83 Resp: 73870
Ion Ratio Lower Upper
83 100
85 66.7 45.9 85.3



#47
Tetrachloroethene
Concen: 2.639 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015482.D
Acq: 14 Apr 2020 23:50

Tgt Ion: 164 Resp: 16101
Ion Ratio Lower Upper
164 100
129 100.4 70.6 131.0
131 95.9 68.3 126.8
166 125.5 88.3 163.9

