

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016062.D
 Acq On : 14 May 2020 11:51
 Operator : SY/MD
 Sample : L2598-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4236

Quant Time: May 15 07:13:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159010	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160058	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71507	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41720	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	40838	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.12	63	62763	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.93	46	118050	47.97	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.94%
24) Chloroform-d	4.38	84	83102	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.06	65	49911	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.08	84	170236	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.10	67	53509	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.34	98	148183	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
45) trans-1,3-Dichloropropene-	7.65	79	18282	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
48) 2-Hexanone-d5	8.12	63	88711	44.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37822	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	55048	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

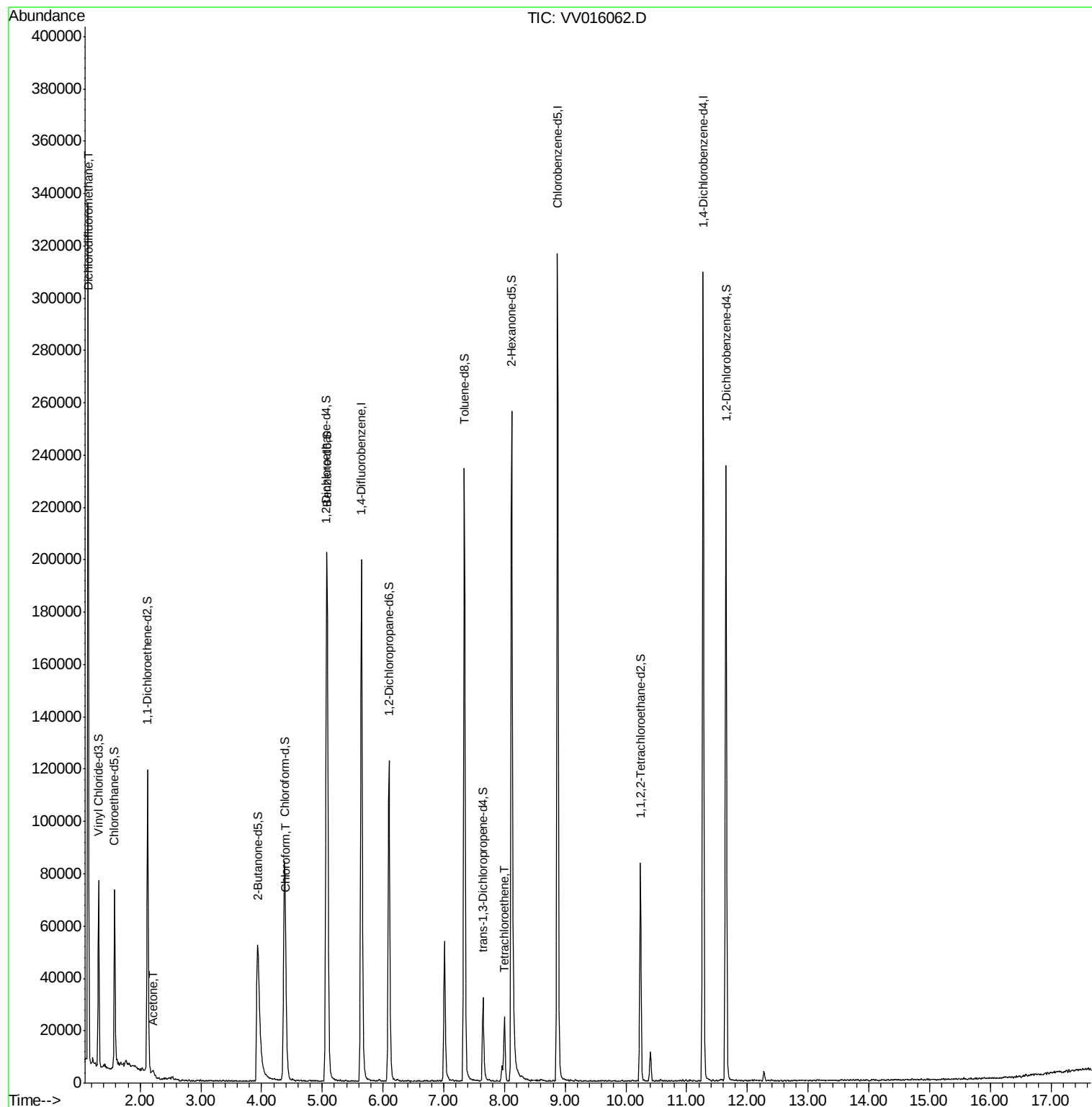
					Ovalue
2) Dichlorodifluoromethane	1.14	85	3657	0.300 ug/L	99
13) Acetone	2.21	43	4579	2.821 ug/L	73
25) Chloroform	4.41	83	9643	0.470 ug/L	96
49) Tetrachloroethene	8.00	164	5132	0.640 ug/L	98

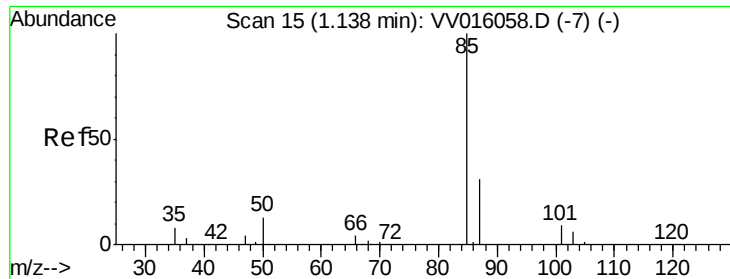
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.300 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

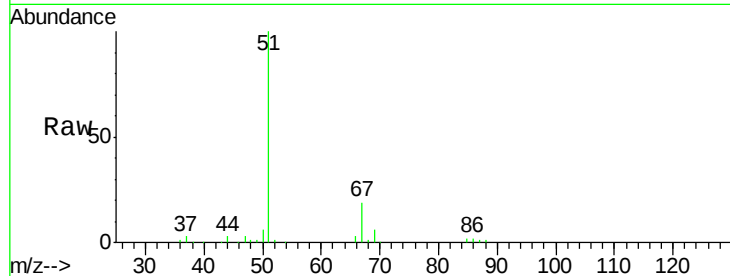
H4236

Tot Ion: 85 Resp: 3657

Ion Ratio Lower Upper

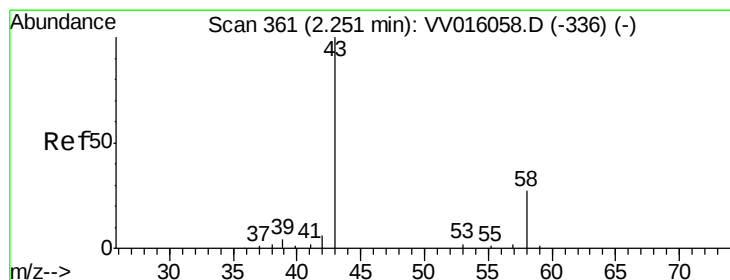
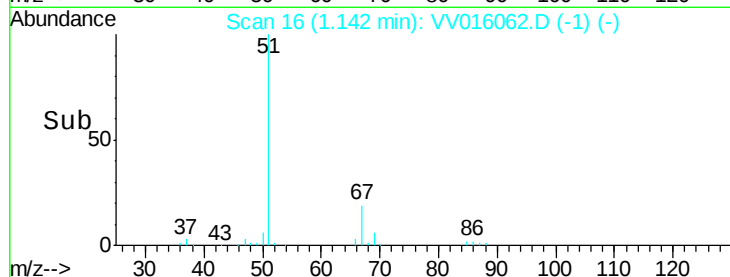
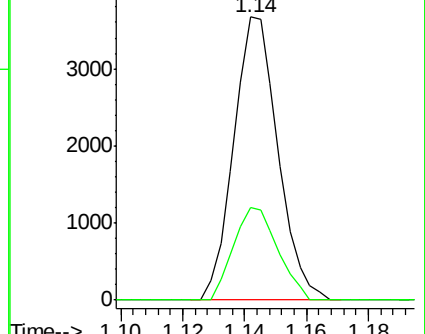
85 100

87 32.7 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: 2.821 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.04 min

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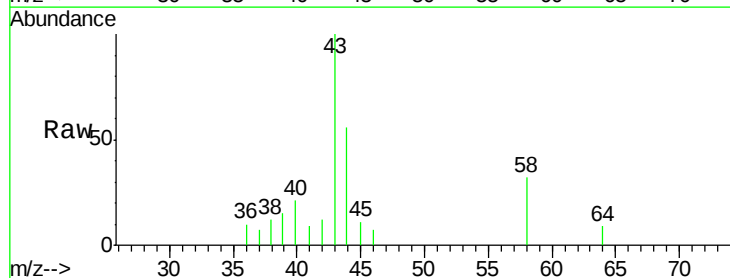
Acq: 14 May 2020 11:51

Tgt Ion: 43 Resp: 4579

Ion Ratio Lower Upper

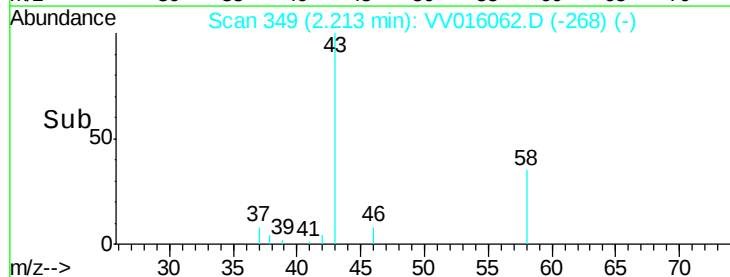
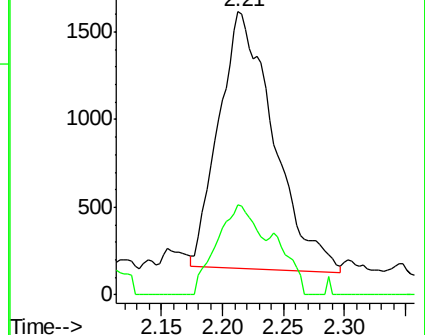
43 100

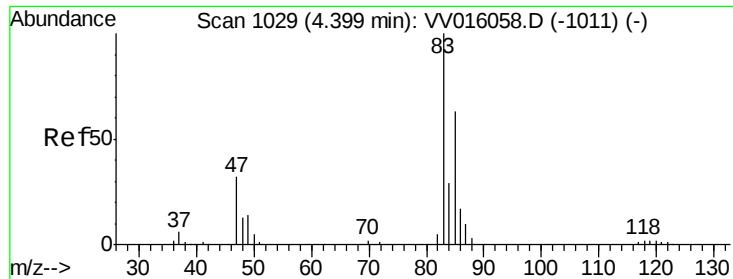
58 26.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

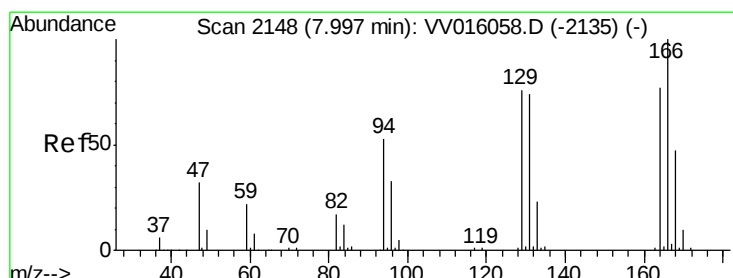
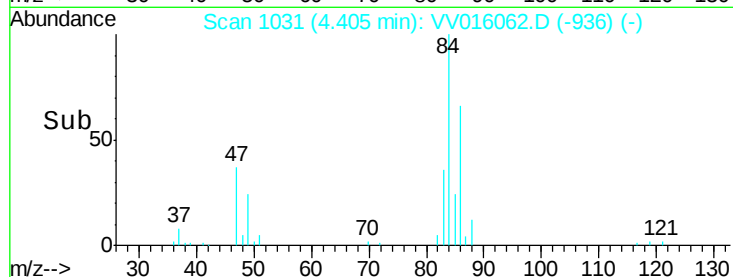
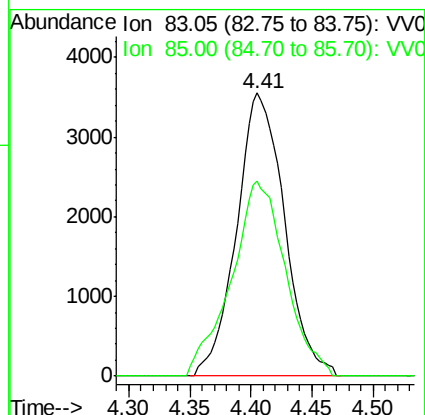
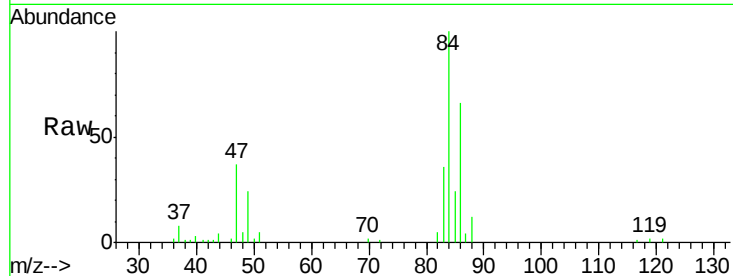




#25
Chloroform
Concen: 0.470 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
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Tot Ion: 83 Resp: 9643
Ion Ratio Lower Upper
83 100
85 68.8 45.7 84.9



#49
Tetrachloroethene
Concen: 0.640 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV016062.D
Acq: 14 May 2020 11:51

Tgt Ion: 164 Resp: 5132
Ion Ratio Lower Upper
164 100
129 100.8 69.7 129.4
131 98.3 66.8 124.2
166 129.5 89.1 165.5

