

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015967.D
 Acq On : 08 May 2020 15:56
 Operator : SY/MD
 Sample : L2520-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y1

Quant Time: May 09 02:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	141342	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138558	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33166	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	34462	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	55004	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.92	46	109415	50.02	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.04%
24) Chloroform-d	4.38	84	76835	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	48226	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.08	84	160240	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.09	67	51696	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	143160	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	7.65	79	17629	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	8.11	63	82966	47.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34393	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	53979	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

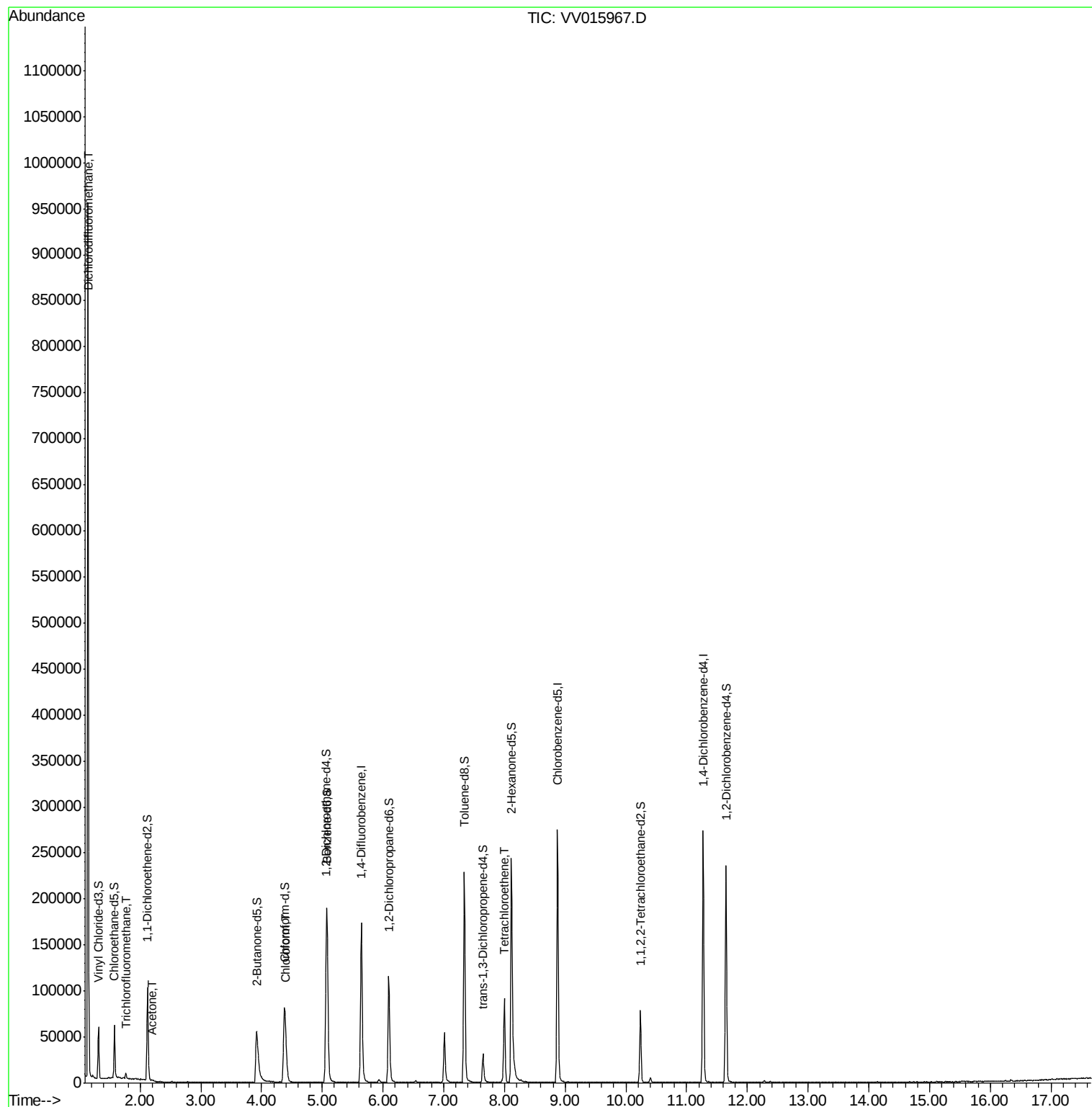
					Ovalue
2) Dichlorodifluoromethane	1.14	85	9949	0.919 ug/L	92
9) Trichlorofluoromethane	1.76	101	2884	0.201 ug/L	96
13) Acetone	2.20	43	3316	2.298 ug/L	87
25) Chloroform	4.41	83	22380	1.227 ug/L	98
49) Tetrachloroethene	8.00	164	19101	2.751 ug/L	98

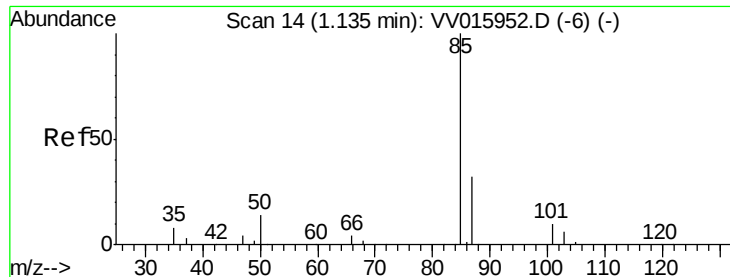
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.919 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015967.D

Acq: 08 May 2020 15:56

Instrument :

MSVOA_V

ClientSampleId :

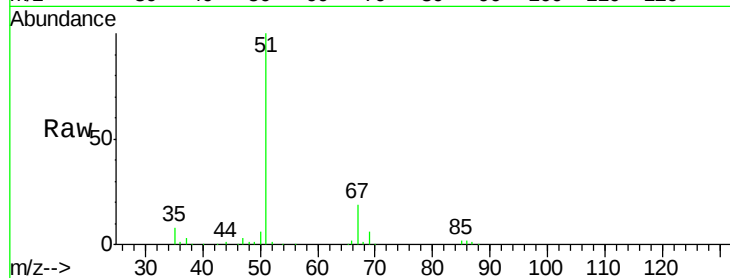
H41Y1

Tot Ion: 85 Resp: 9949

Ion Ratio Lower Upper

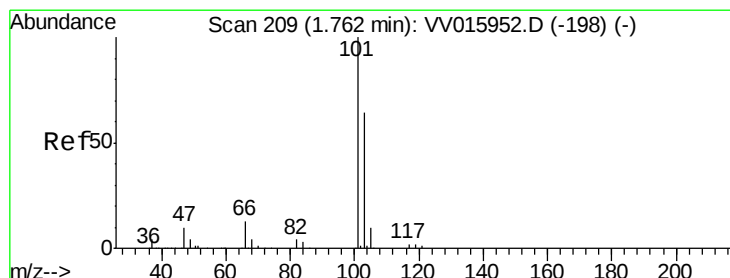
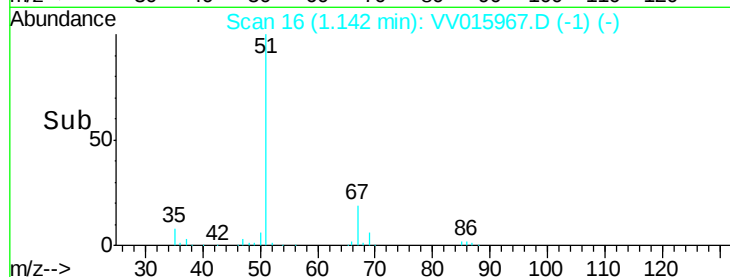
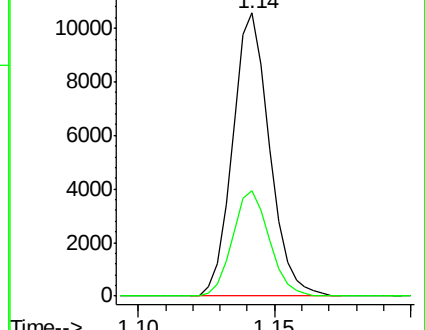
85 100

87 37.3 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV015952.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015952.D (-6) (-)



#9

Trichlorofluoromethane

Concen: 0.201 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV015967.D

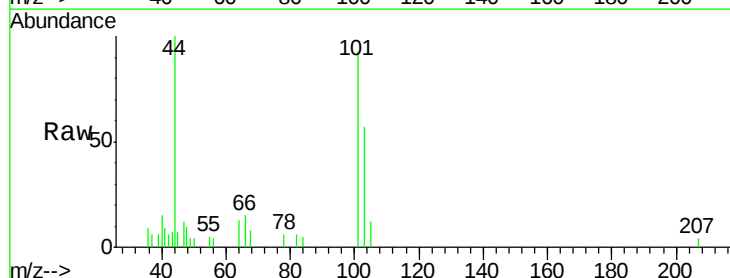
Acq: 08 May 2020 15:56

Tgt Ion:101 Resp: 2884

Ion Ratio Lower Upper

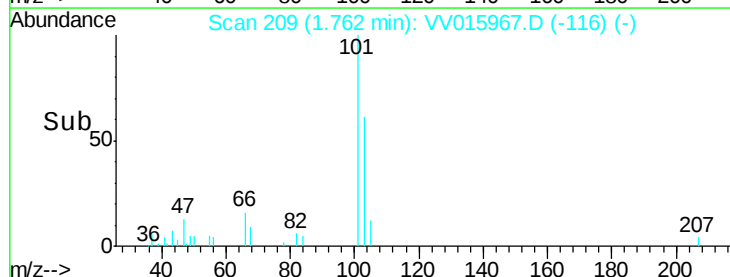
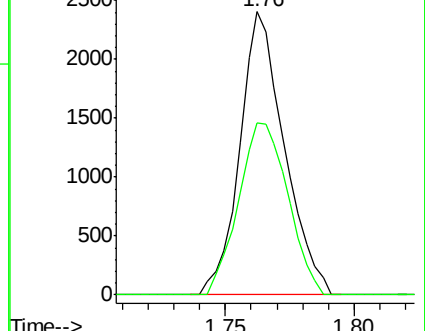
101 100

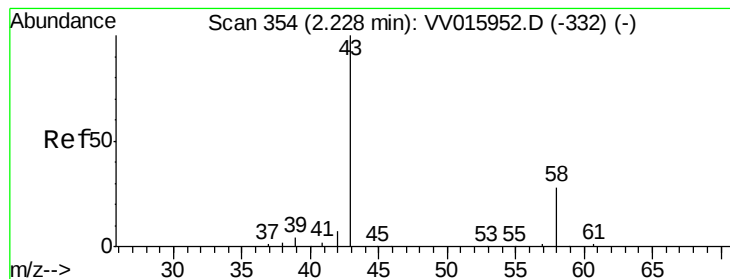
103 67.3 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VV015952.D (-198) (-)

Ion 103.00 (102.70 to 103.70): VV015952.D (-198) (-)





#13

Acetone

Concen: 2.298 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.03 min

Lab File: VV015967.D

Acq: 08 May 2020 15:56

Instrument :

MSVOA_V

ClientSampled :

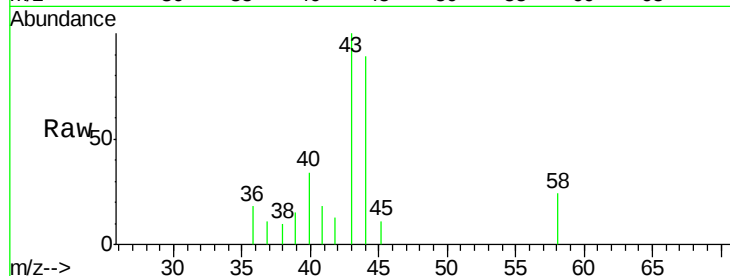
H41Y1

Tot Ion: 43 Resp: 3316

Ion Ratio Lower Upper

43 100

58 10.1 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

1000

800

600

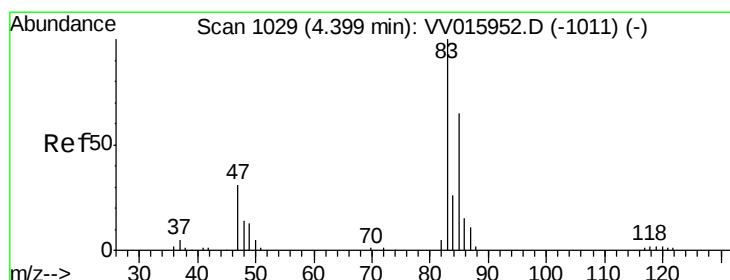
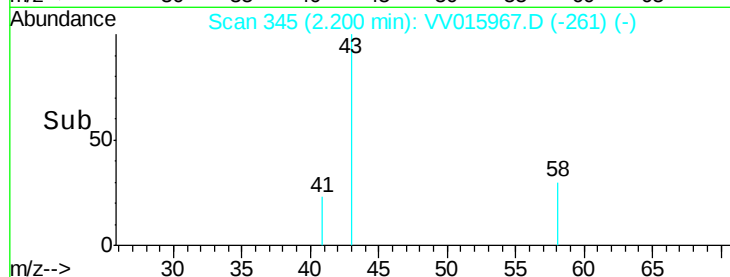
400

200

0

Time-->

2.10 2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 1.227 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015967.D

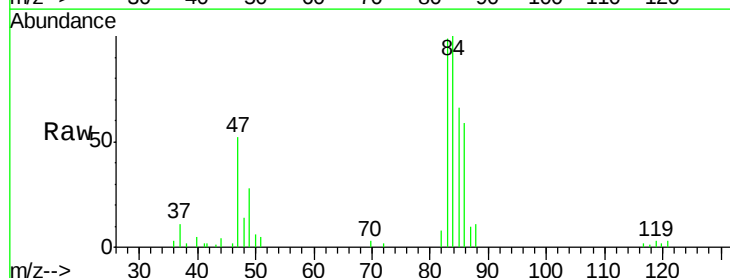
Acq: 08 May 2020 15:56

Tgt Ion: 83 Resp: 22380

Ion Ratio Lower Upper

83 100

85 67.2 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.41

8000

6000

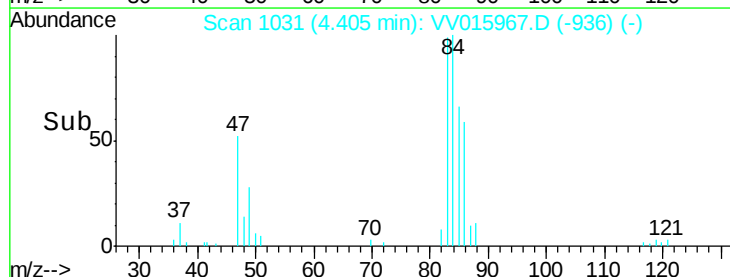
4000

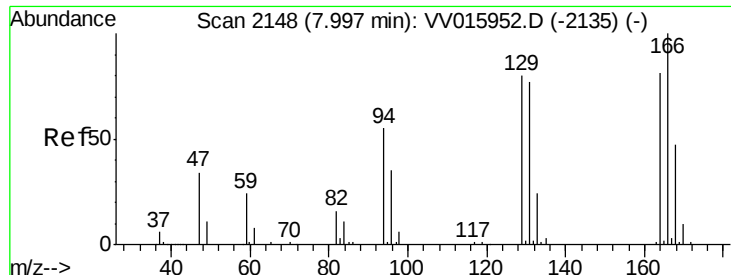
2000

0

Time-->

4.30 4.35 4.40 4.45 4.50





#49

Tetrachloroethene

Concen: 2.751 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015967.D

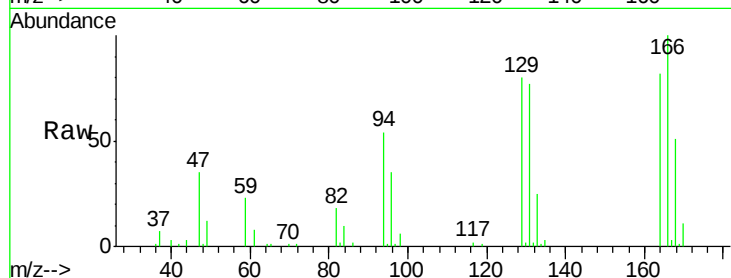
Acq: 08 May 2020 15:56

Instrument :

MSVOA_V

ClientSampleId :

H41Y1



Tot Ion:164 Resp: 19101

Ion Ratio Lower Upper

164 100

129 98.4 69.7 129.4

131 94.2 66.8 124.2

166 122.7 89.1 165.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

