

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015789.D
 Acq On : 29 Apr 2020 13:53
 Operator : SY/MD
 Sample : L2419-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4

Quant Time: Apr 30 05:28:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	133757	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60669	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38672	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.58	69	34514	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.12	63	56921	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.91	46	94811	42.24	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.48%
24) Chloroform-d	4.38	84	71424	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	41906	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.08	84	141302	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.10	67	44668	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.34	98	125933	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.65	79	15007	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.11	63	61715	33.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28191	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	45361	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

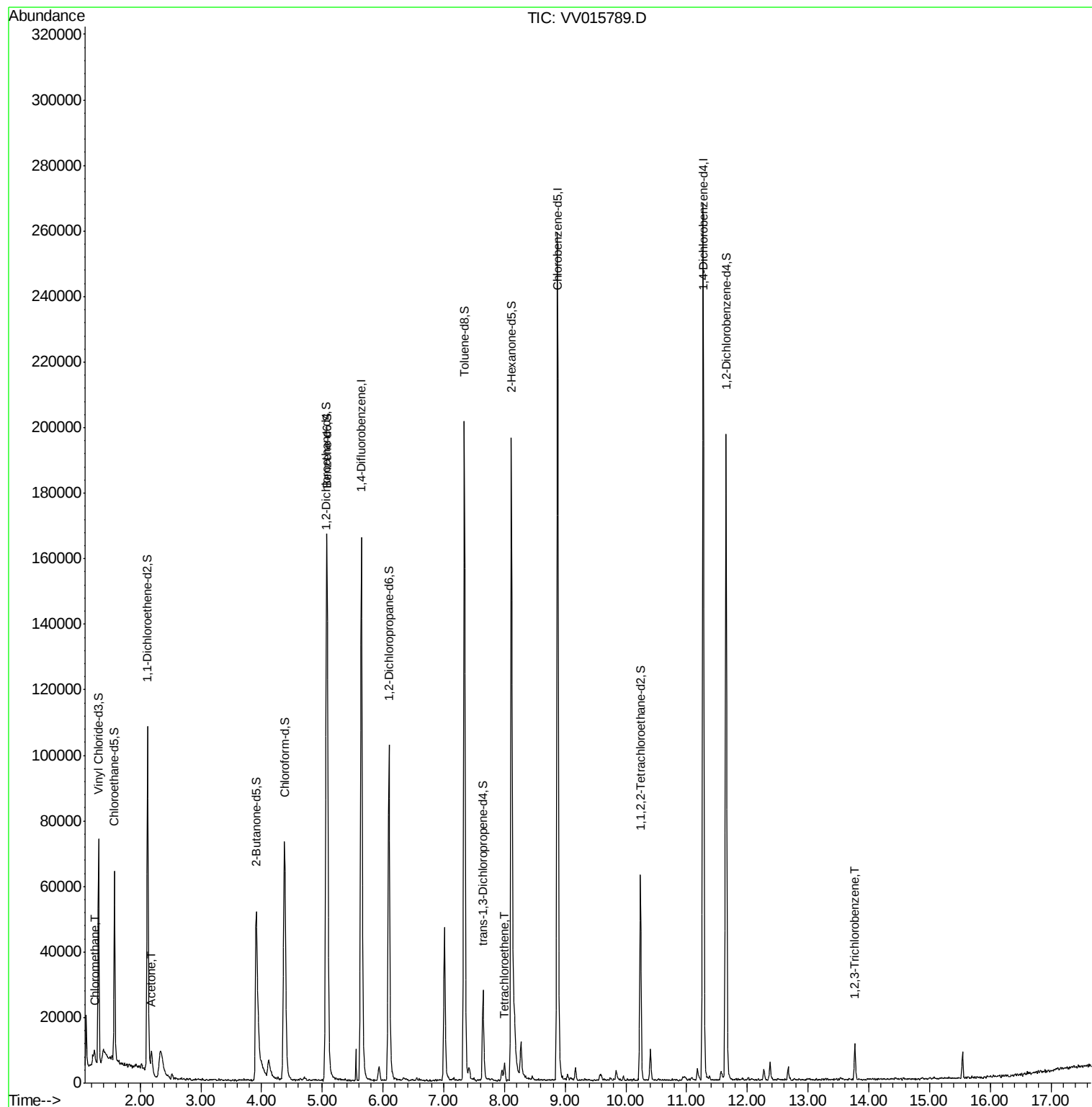
					Ovalue
3) Chloromethane	1.25	50	1790	0.181 ug/L	# 78
13) Acetone	2.19	43	8597	5.516 ug/L	96
47) Tetrachloroethene	8.00	164	1167	0.160 ug/L	89
70) 1,2,3-Trichlorobenzene	13.77	180	2960	0.257 ug/L	97

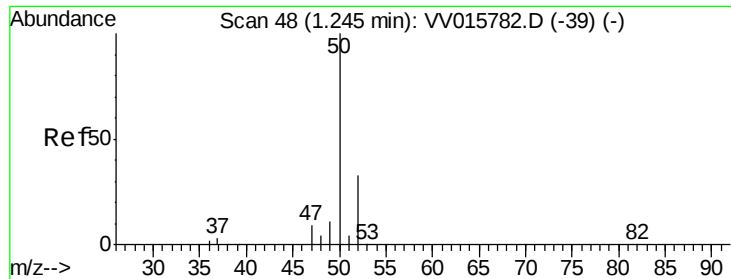
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.181 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 29 Apr 2020 13:53

Instrument :

MSVOA_V

ClientSampleId :

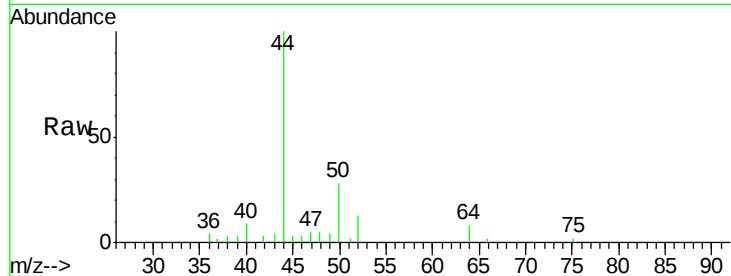
C0AF4

Tot Ion: 50 Resp: 1790

Ion Ratio Lower Upper

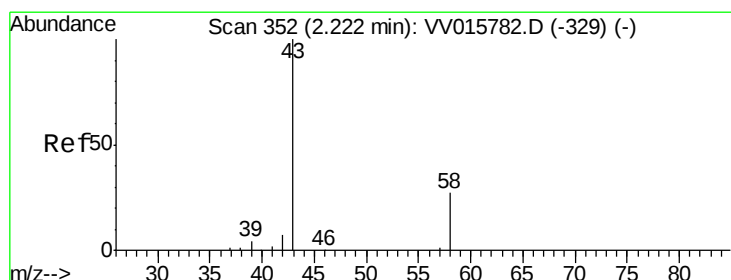
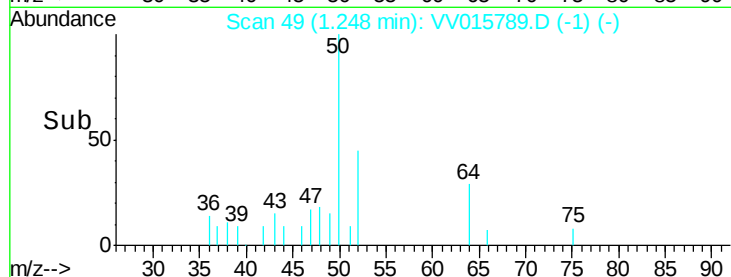
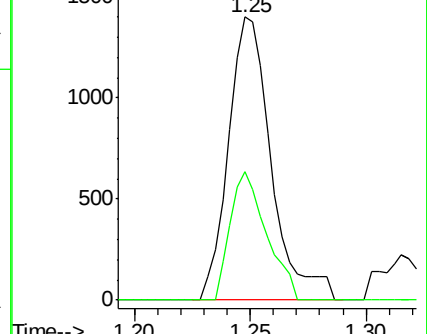
50 100

52 45.2 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 5.516 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV015789.D

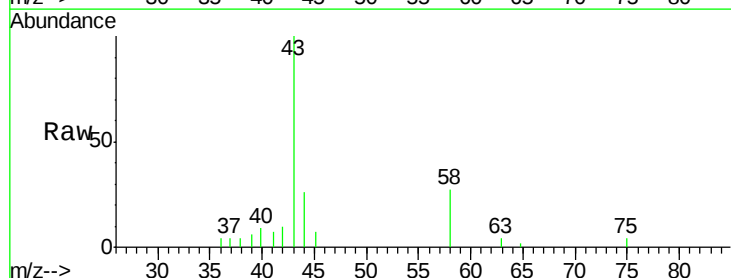
Acq: 29 Apr 2020 13:53

Tgt Ion: 43 Resp: 8597

Ion Ratio Lower Upper

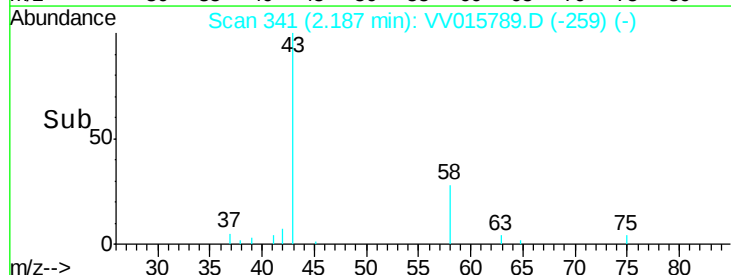
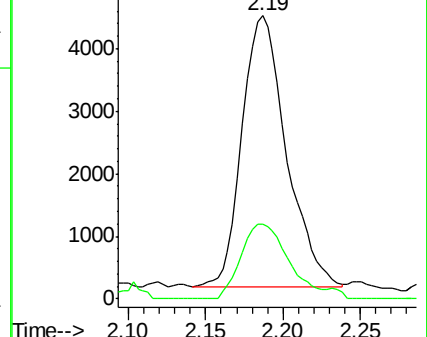
43 100

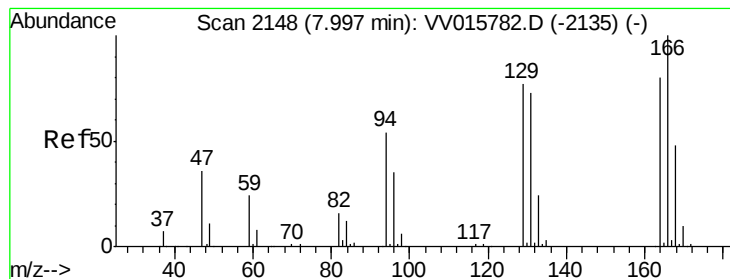
58 30.9 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#47

Tetrachloroethene

Concen: 0.160 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV015789.D

Acq: 29 Apr 2020 13:53

Instrument :

MSVOA_V

ClientSampleId :

C0AF4

Tot Ion:164 Resp: 1167

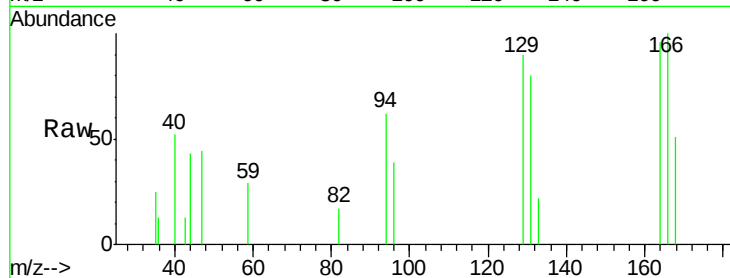
Ion Ratio Lower Upper

164 100

129 92.8 66.7 123.9

131 83.3 66.6 123.6

166 103.6 85.3 158.5

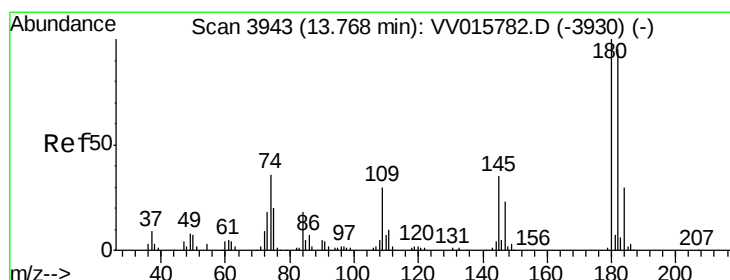
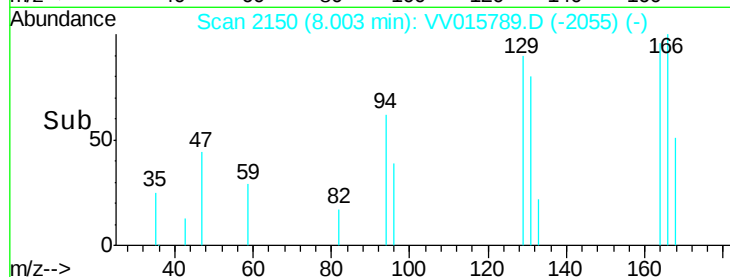
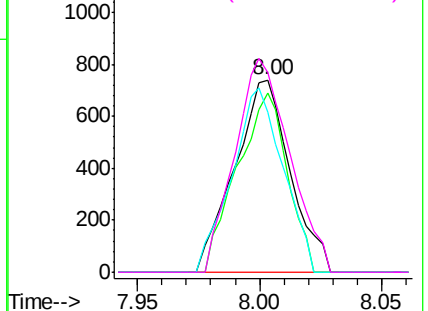


Abundance Ion 163.90 (163.60 to 164.60): V

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



#70

1,2,3-Trichlorobenzene

Concen: 0.257 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VV015789.D

Acq: 29 Apr 2020 13:53

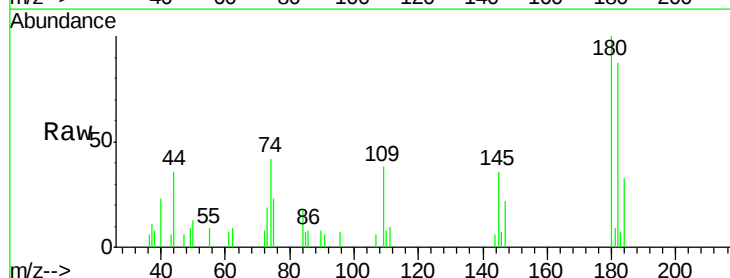
Tgt Ion:180 Resp: 2960

Ion Ratio Lower Upper

180 100

182 89.3 74.8 112.2

145 35.8 28.4 42.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

