

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015496.D
 Acq On : 15 Apr 2020 05:18
 Operator : SY/MD
 Sample : L2274-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAOB4

Quant Time: Apr 15 07:21:32 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	107407	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	101754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31118	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.58	69	27944	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.12	63	43859	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.92	46	77229	49.35	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	4.38	84	54882	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.06	65	33395	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.08	84	118326	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.10	67	36520	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	109598	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.65	79	13684	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.11	63	61114	41.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25765	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	39805	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

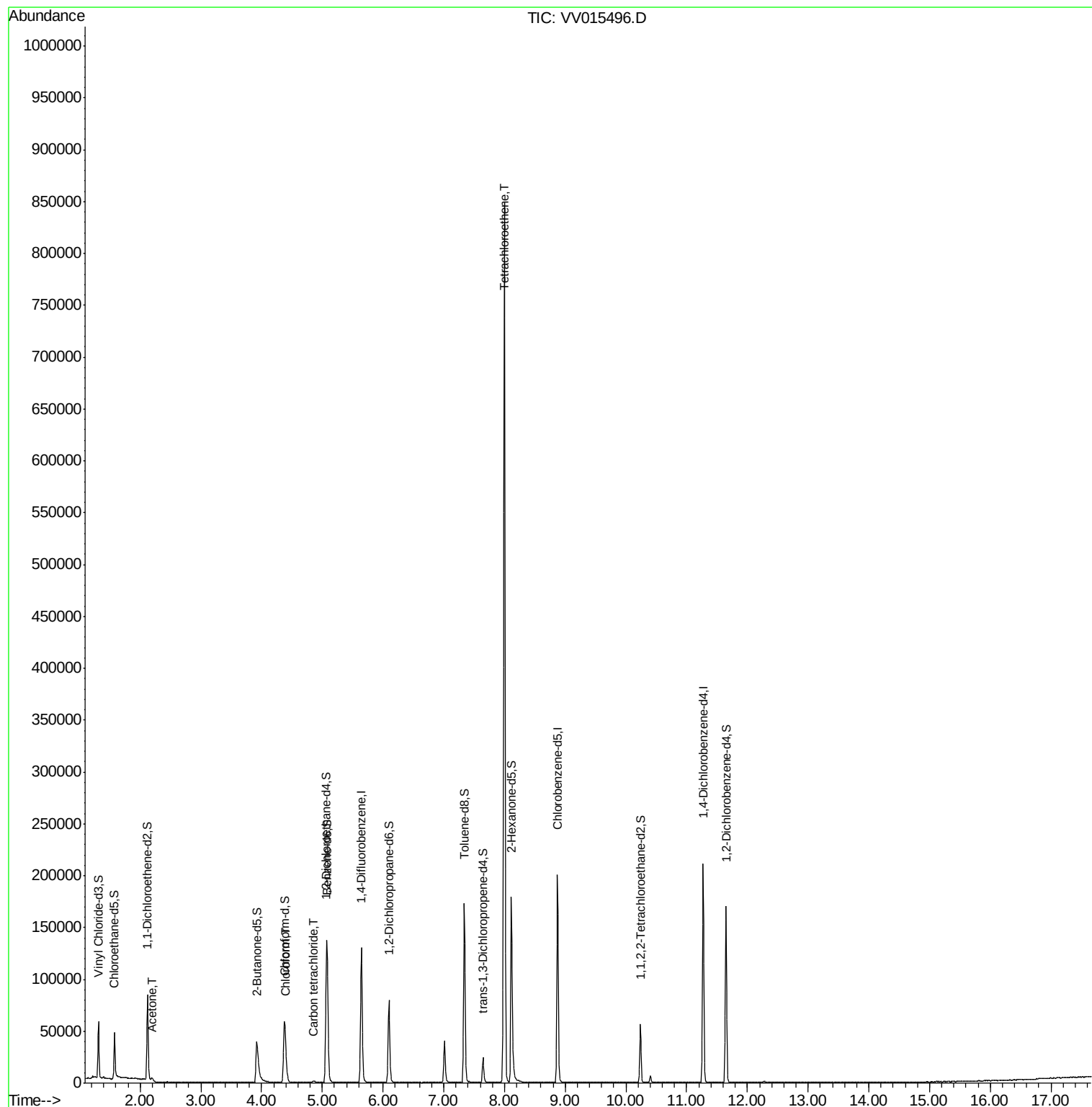
					Ovalue
13) Acetone	2.20	43	5599	5.065 ug/L	# 47
25) Chloroform	4.41	83	8489	0.579 ug/L	99
31) Carbon tetrachloride	4.86	117	1111	0.097 ug/L	100
47) Tetrachloroethene	8.00	164	175447	28.889 ug/L	98

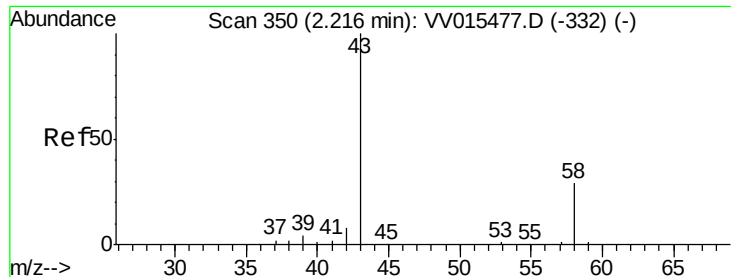
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 15 05:31:01 2020
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#13

Acetone

Concen: 5.065 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.02 min

Lab File: VV015496.D

Acq: 15 Apr 2020 05:18

Instrument :

MSVOA_V

ClientSampleId :

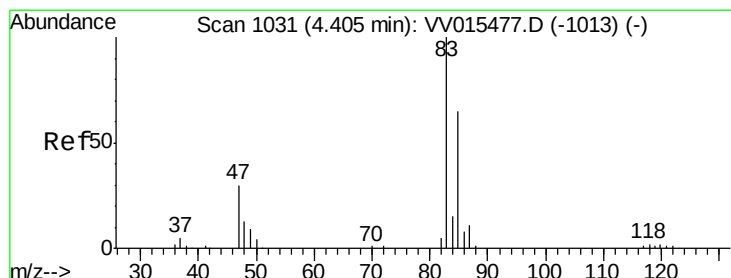
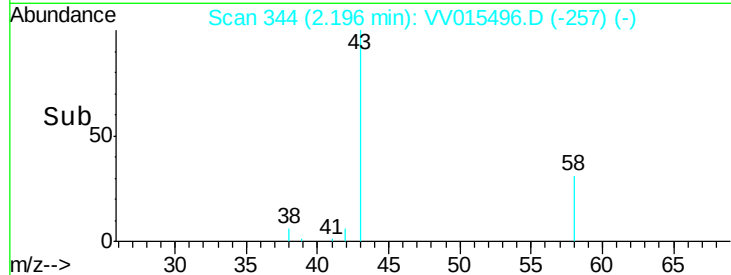
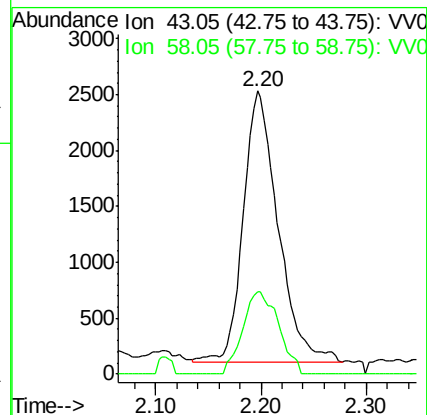
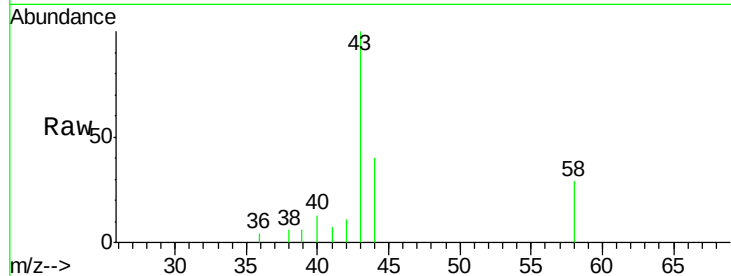
YaqB4

Tot Ion: 43 Resp: 5599

Ion Ratio Lower Upper

43 100

58 31.3 0.0 22.2#



#25

Chloroform

Concen: 0.579 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015496.D

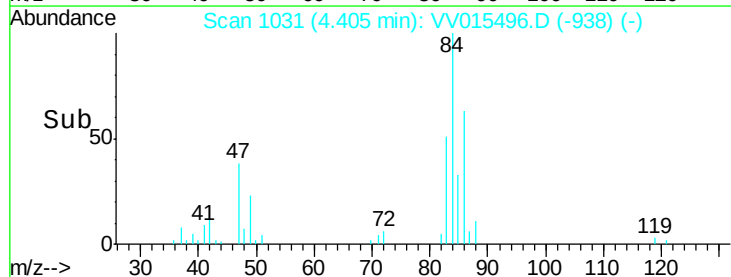
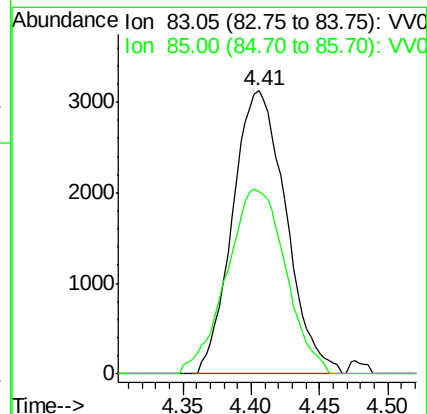
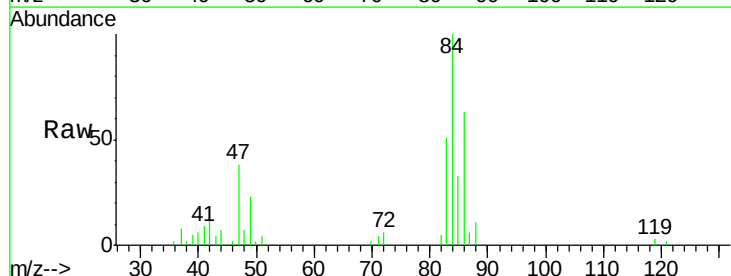
Acq: 15 Apr 2020 05:18

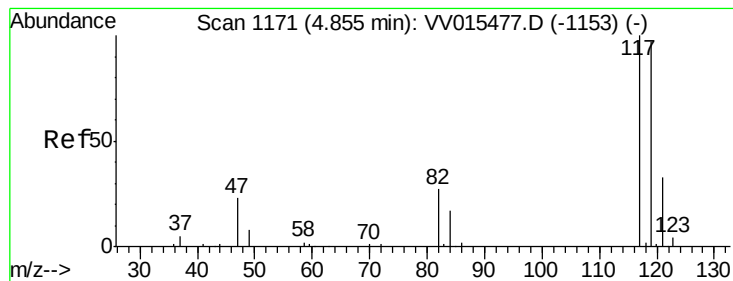
Tgt Ion: 83 Resp: 8489

Ion Ratio Lower Upper

83 100

85 64.6 45.9 85.3





#31

Carbon tetrachloride

Concen: 0.097 ug/L

RT: 4.86 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VV015496.D

Acq: 15 Apr 2020 05:18

Instrument :

MSVOA_V

ClientSampleId :

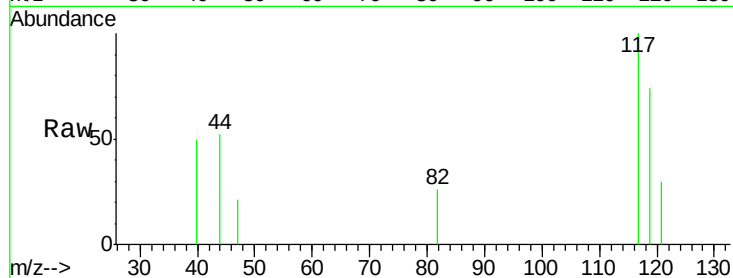
YaqB4

Tot Ion:117 Resp: 1111

Ion Ratio Lower Upper

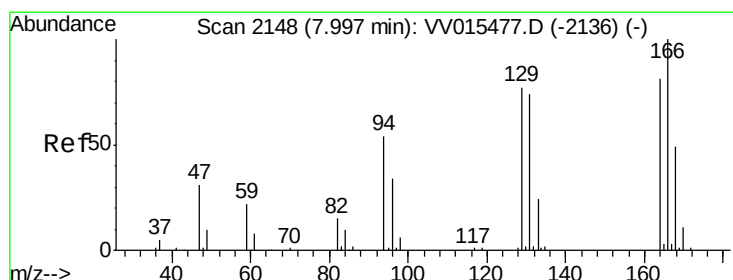
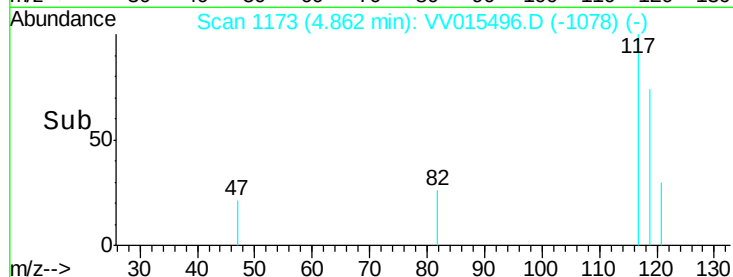
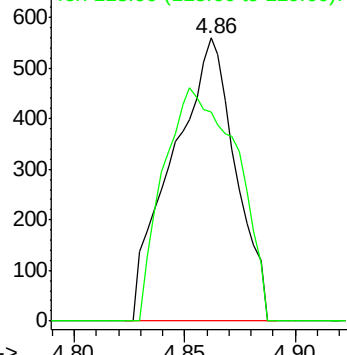
117 100

119 95.5 76.6 115.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#47

Tetrachloroethene

Concen: 28.889 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015496.D

Acq: 15 Apr 2020 05:18

Tgt Ion:164 Resp: 175447

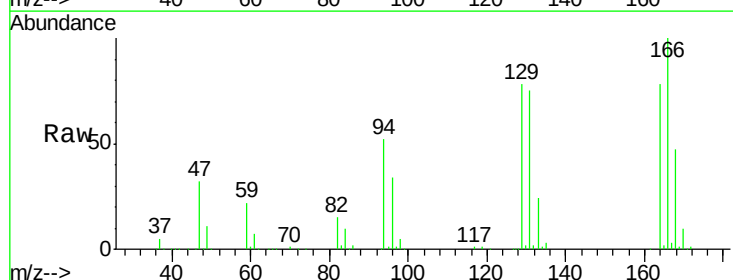
Ion Ratio Lower Upper

164 100

129 99.1 70.6 131.0

131 95.8 68.3 126.8

166 127.7 88.3 163.9



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

