

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015474.D
 Acq On : 14 Apr 2020 20:23
 Operator : SY/MD
 Sample : L2273-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ94

Quant Time: Apr 15 05:13:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 02:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	109647	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52347	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33166	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.58	69	28596	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.12	63	46259	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.93	46	77003	48.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	4.38	84	63229	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.06	65	32984	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	120746	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.10	67	37727	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	113118	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.65	79	14255	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.11	63	61598	40.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25637	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	41634	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

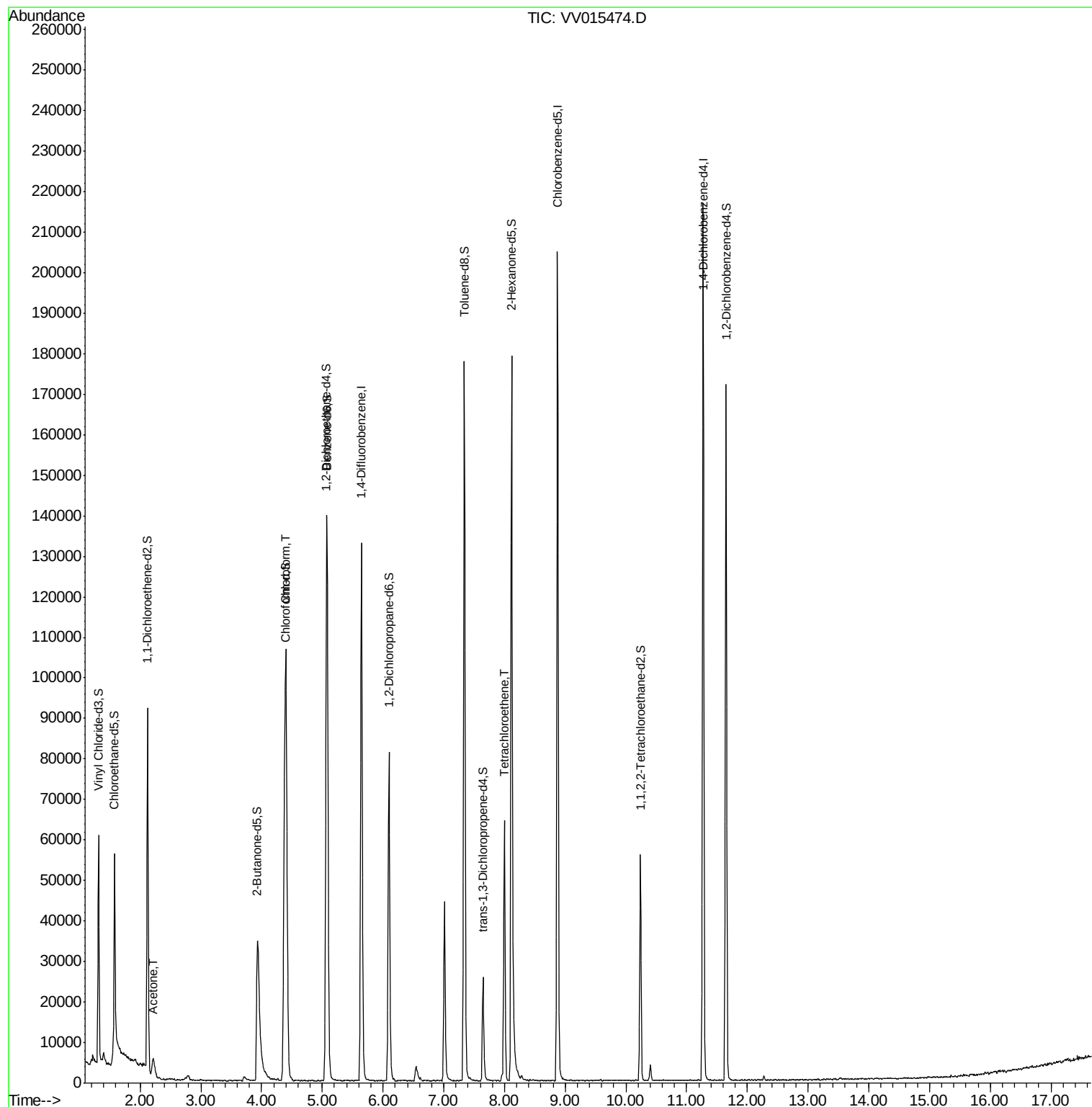
					Ovalue
13) Acetone	2.21	43	9499	8.417 ug/L #	48
25) Chloroform	4.41	83	75885	5.072 ug/L	99
47) Tetrachloroethene	8.00	164	13616	2.176 ug/L	98

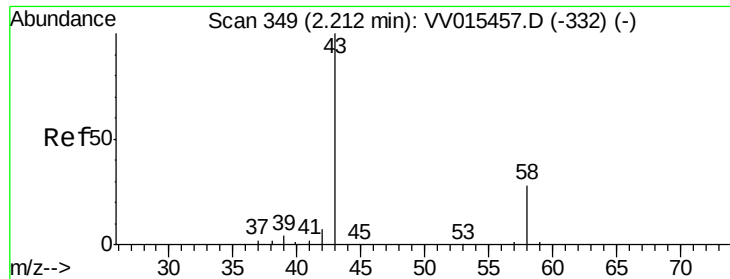
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.417 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

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Acq: 14 Apr 2020 20:23

Instrument :

MSVOA_V

ClientSampleId :

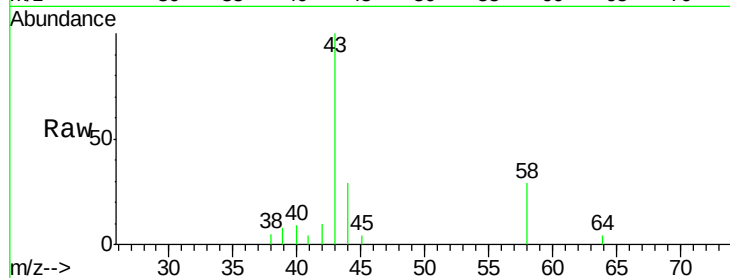
YAQ94

Tot Ion: 43 Resp: 9499

Ion Ratio Lower Upper

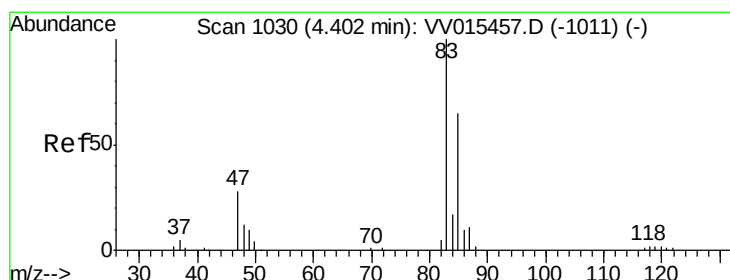
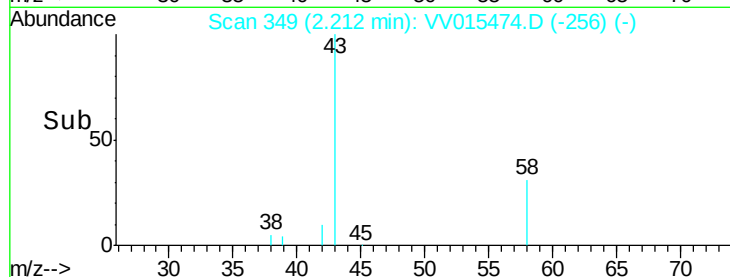
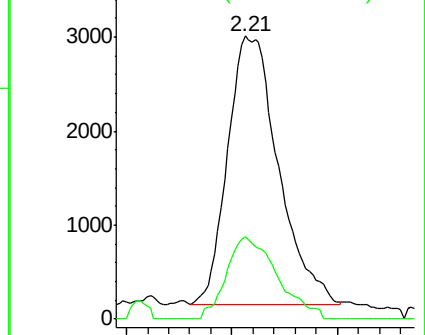
43 100

58 30.8 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: 5.072 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

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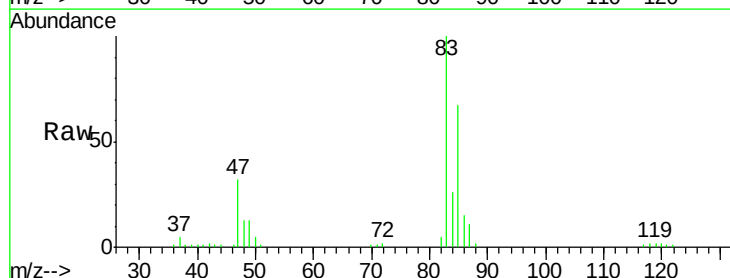
Acq: 14 Apr 2020 20:23

Tgt Ion: 83 Resp: 75885

Ion Ratio Lower Upper

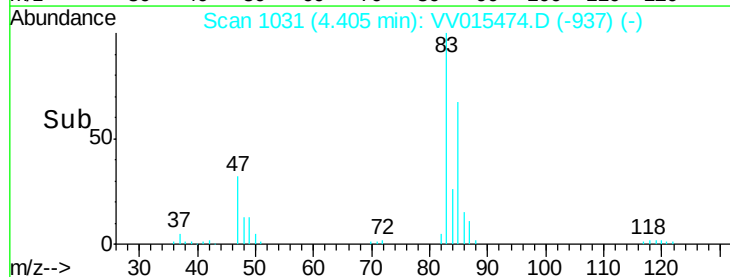
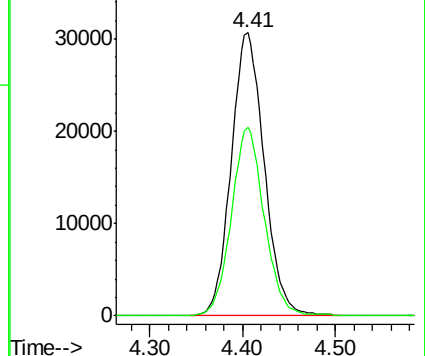
83 100

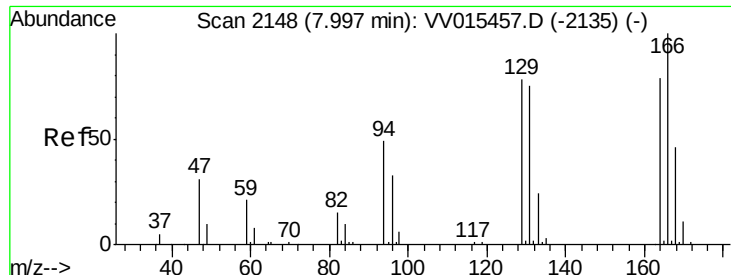
85 66.7 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#47

Tetrachloroethene

Concen: 2.176 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015474.D

Acq: 14 Apr 2020 20:23

Instrument :

MSVOA_V

ClientSampleId :

YAQ94

Tot Ion:164 Resp: 13616

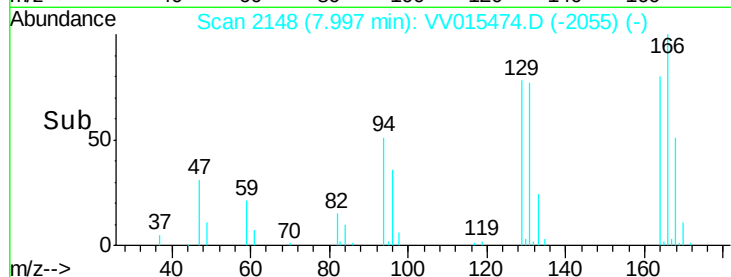
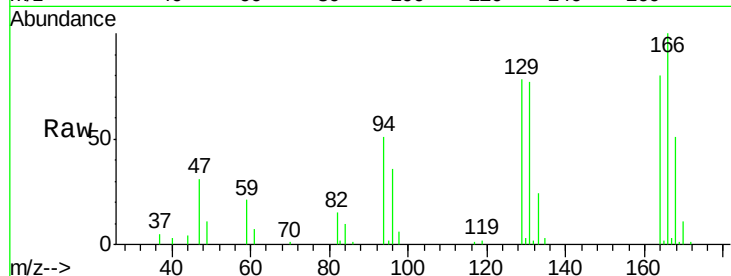
Ion Ratio Lower Upper

164 100

129 97.9 70.6 131.0

131 96.0 68.3 126.8

166 125.5 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

