

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015460.D
 Acq On : 14 Apr 2020 14:10
 Operator : SY/MD
 Sample : L2273-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ79

Quant Time: Apr 15 03:01:06 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	136182	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128162	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63701	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34626	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	30269	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	48984	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.93	46	77116	38.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.74%
24) Chloroform-d	4.37	84	60389	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.05	65	34080	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.07	84	123258	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.09	67	37788	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.34	98	116559	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.64	79	15805	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.11	63	57652	31.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25978	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	41418	4.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.00%

Target Compounds

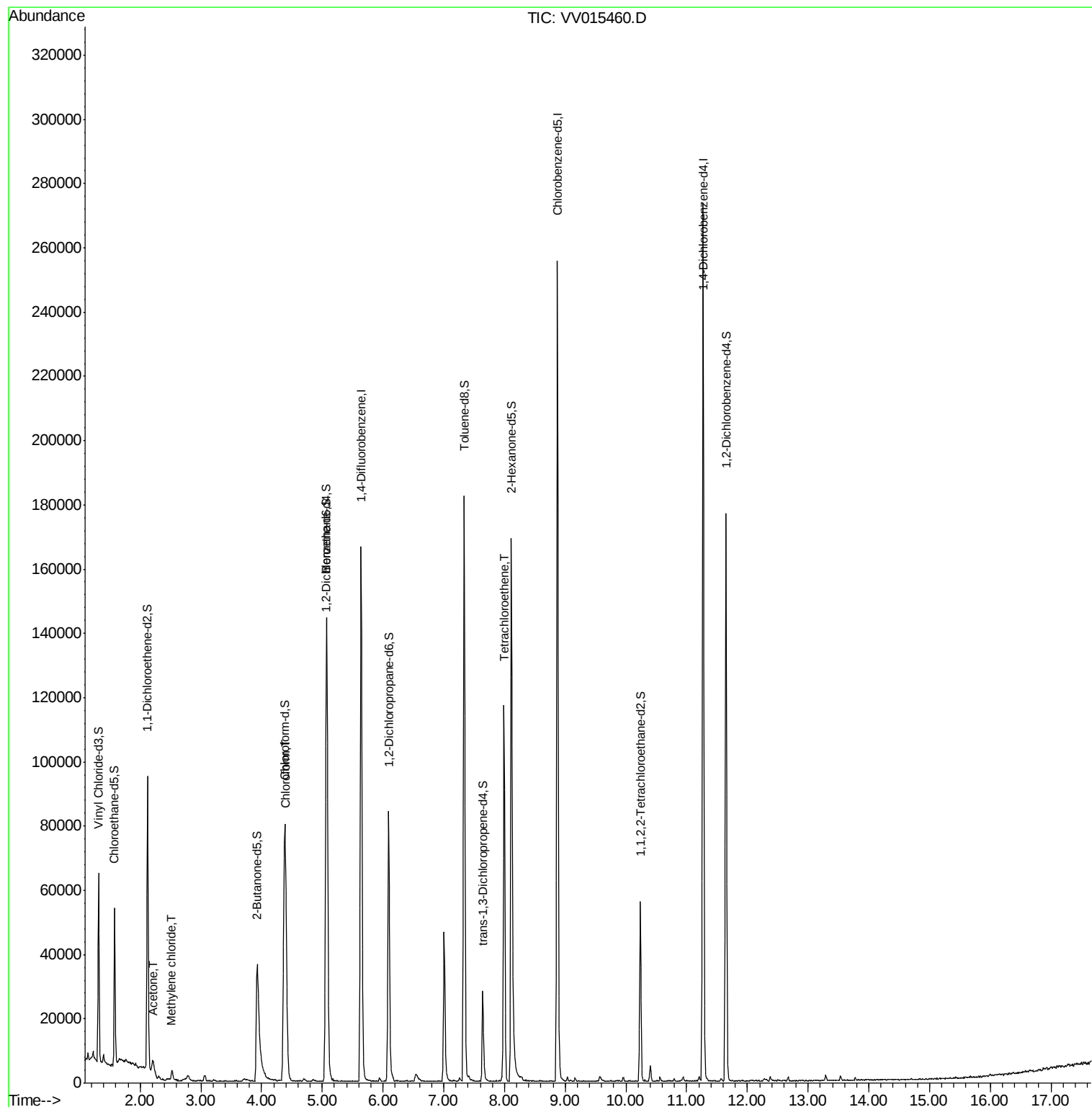
					Ovalue
13) Acetone	2.21	43	10947	7.810 ug/L #	54
16) Methylene chloride	2.52	84	1160	0.116 ug/L	94
25) Chloroform	4.40	83	43176	2.323 ug/L	99
47) Tetrachloroethene	8.00	164	25116	3.283 ug/L	98

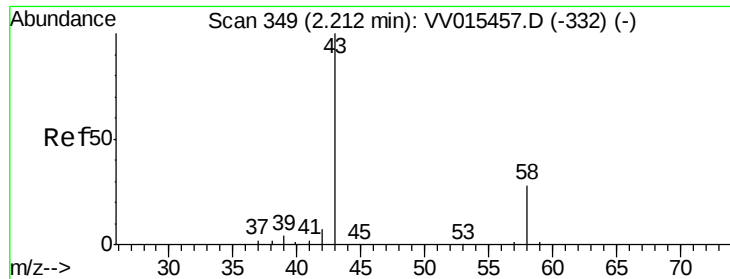
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.810 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV015460.D

Acq: 14 Apr 2020 14:10

Instrument :

MSVOA_V

ClientSampleId :

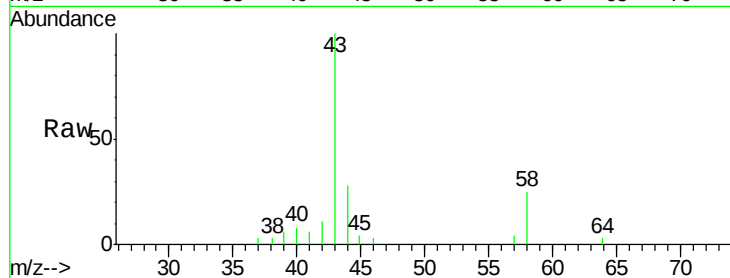
YAQ79

Tot Ion: 43 Resp: 10947

Ion Ratio Lower Upper

43 100

58 28.7 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV015457.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015457.D (-332) (-)

2.21

4000

3000

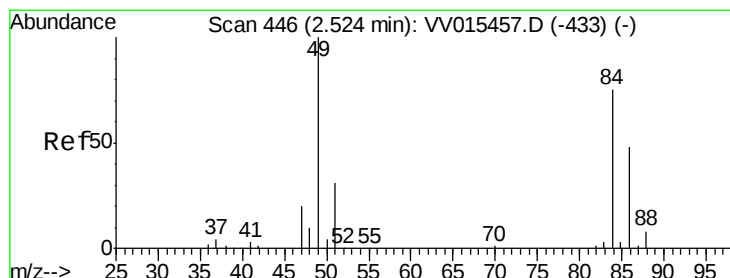
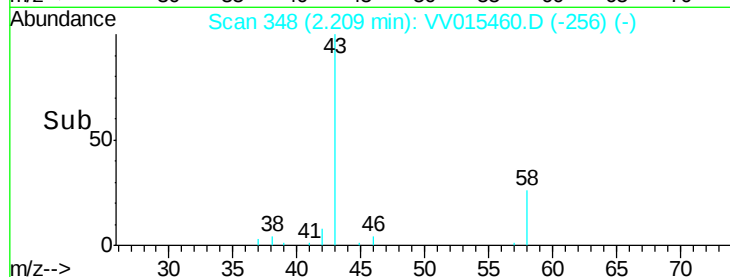
2000

1000

0

Time-->

2.10 2.20 2.30



#16

Methylene chloride

Concen: 0.116 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

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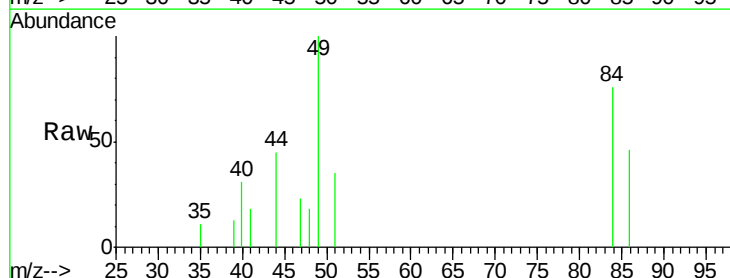
Tgt Ion: 84 Resp: 1160

Ion Ratio Lower Upper

84 100

86 61.0 45.1 83.7

49 131.4 97.9 181.7



Abundance Ion 84.05 (83.75 to 84.75): VV015457.D (-433) (-)

Ion 86.00 (85.70 to 86.70): VV015457.D (-433) (-)

Ion 49.10 (48.80 to 49.80): VV015457.D (-433) (-)

2.52

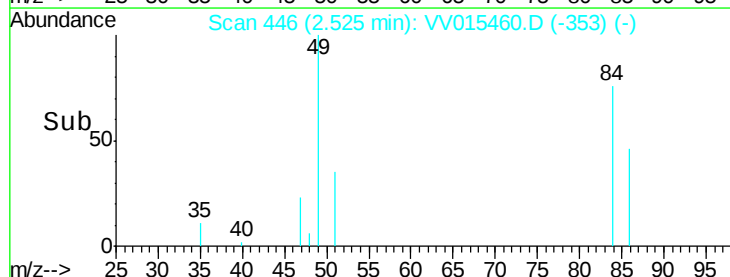
1000

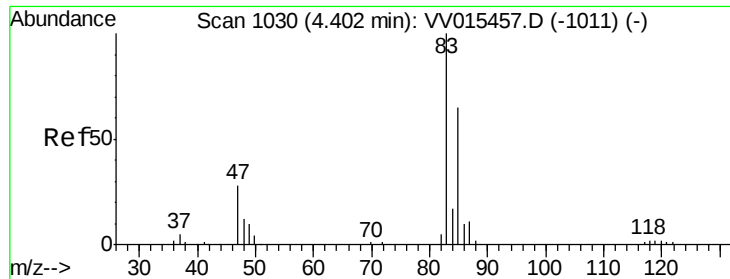
500

0

Time-->

2.50 2.55

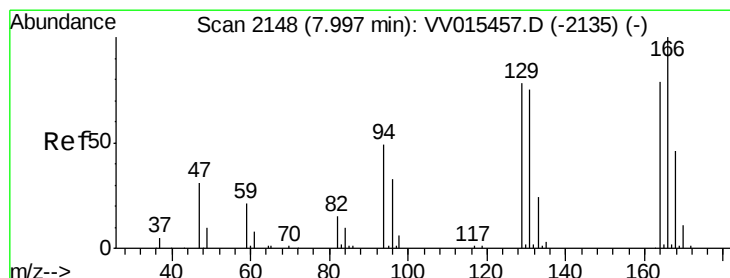
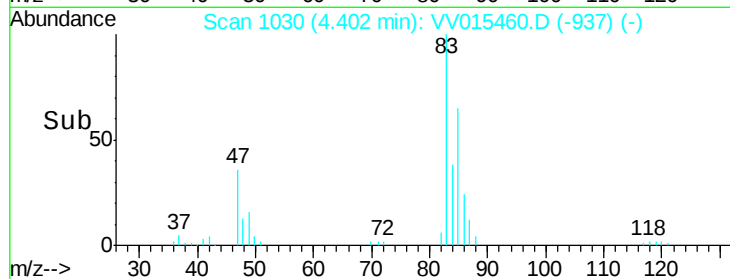
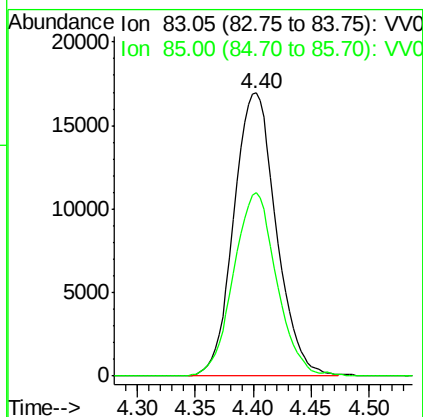
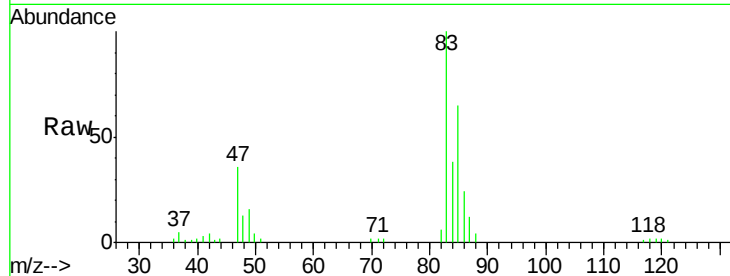




#25
Chloroform
Concen: 2.323 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015460.D
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Instrument :
MSVOA_V
ClientSampleId :
YAQ79

Tot Ion: 83 Resp: 43176
Ion Ratio Lower Upper
83 100
85 64.7 45.9 85.3



#47
Tetrachloroethene
Concen: 3.283 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015460.D
Acq: 14 Apr 2020 14:10

Tgt Ion:164 Resp: 25116
Ion Ratio Lower Upper
164 100
129 98.3 70.6 131.0
131 95.5 68.3 126.8
166 128.5 88.3 163.9

