

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100419\
 Data File : VV013042.D
 Acq On : 04 Oct 2019 12:23
 Operator : SY/MD
 Sample : K5202-04
 Misc : 3.51G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 18:26:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 18:24:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	681688	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	603934	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	214750	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	214472	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
7) Chloroethane-d5	1.58	69	198581	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
10) 1,1-Dichloroethene-d2	2.13	63	295152	16.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.12%
20) 2-Butanone-d5	3.94	46	127151	34.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.64%
24) Chloroform-d	4.40	84	417467	22.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	5.08	65	238918	21.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.80%
29) Benzene-d6	5.10	84	847842	25.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.56%
33) 1,2-Dichloropropane-d6	6.12	67	271557	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.76%
37) Toluene-d8	7.36	98	716556	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.64%
38) trans-1,3-Dichloropropene-	7.66	79	94349	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.32%
39) 2-Hexanone-d5	8.13	63	87010	40.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	211300	21.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	200129	23.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.96%

Target Compounds

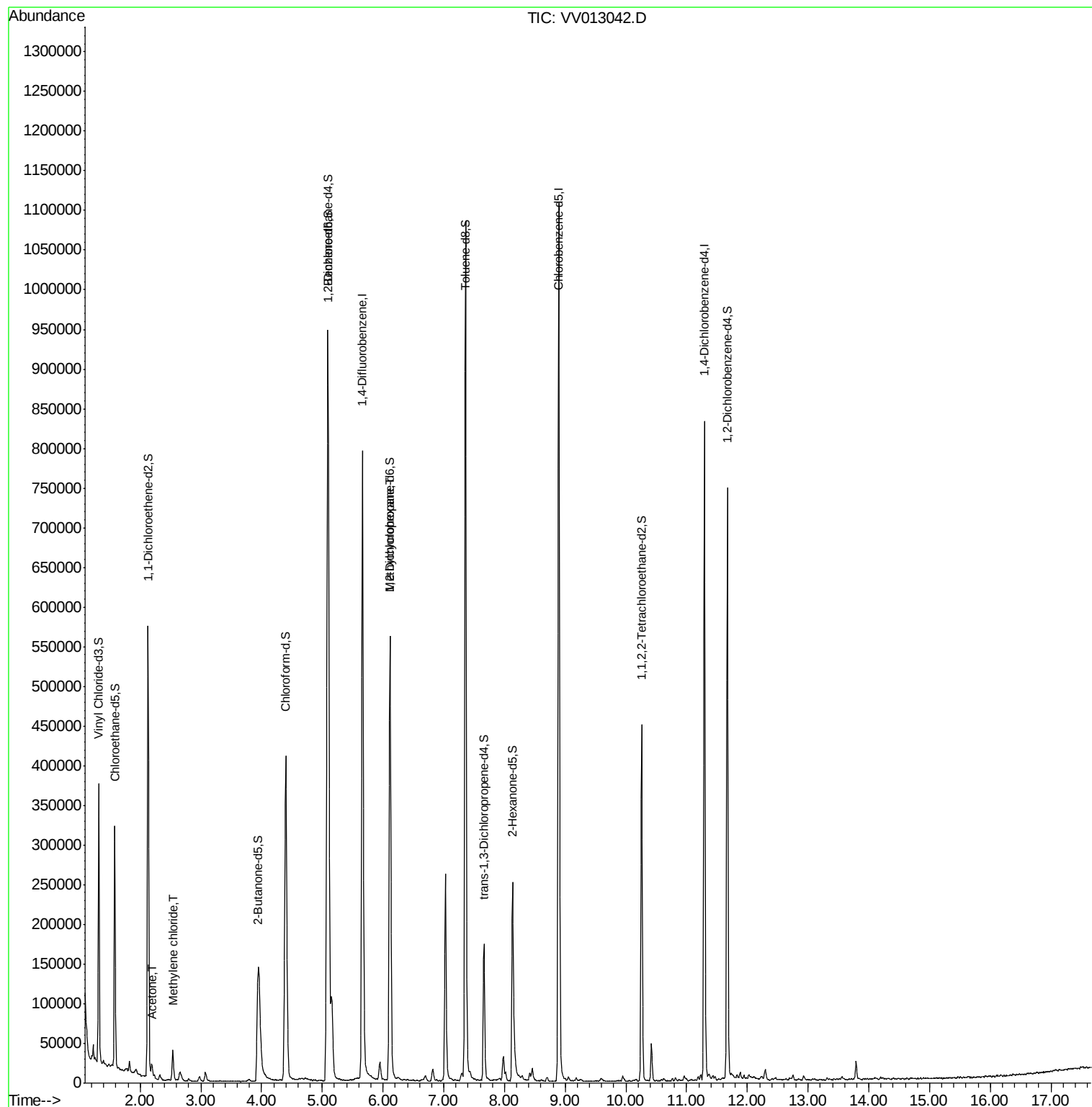
					Ovalue
13) Acetone	2.19	43	15181	3.911 ug/L	96
16) Methylene chloride	2.54	84	15134	1.485 ug/L	99
36) Methylcyclohexane	6.12	83	63200	4.396 ug/L #	18

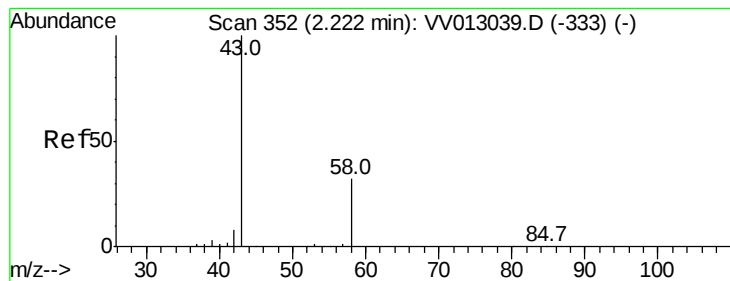
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.911 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV013042.D

Acq: 04 Oct 2019 12:23

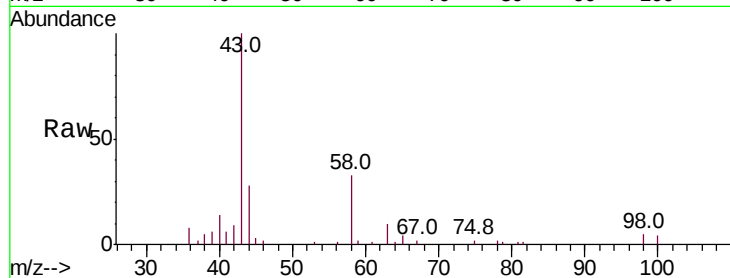
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 15181

Ion Ratio Lower Upper

43 100

58 34.9 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV013039.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV013039.D (-333) (-)

2.19

10000

8000

6000

4000

2000

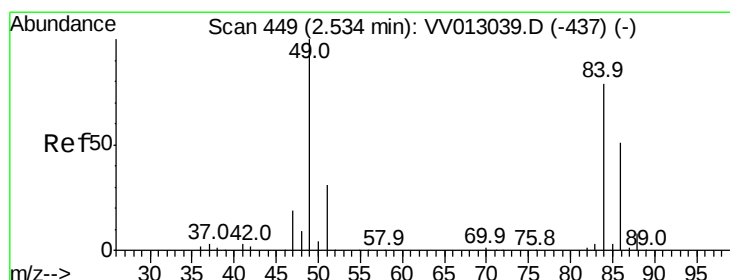
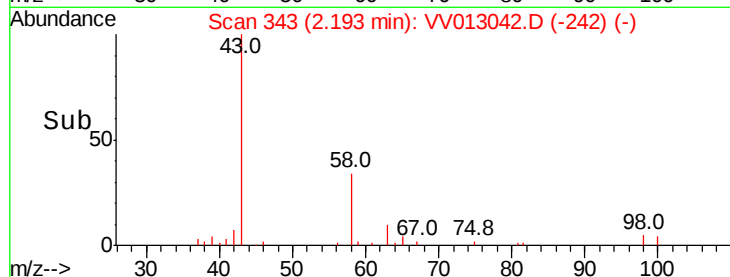
0

Time-->

2.15

2.20

2.25



#16

Methylene chloride

Concen: 1.485 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV013042.D

Acq: 04 Oct 2019 12:23

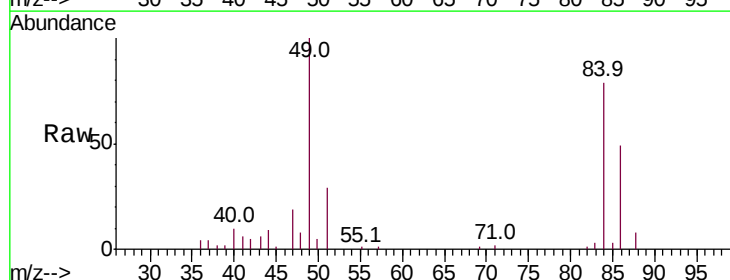
Tgt Ion: 84 Resp: 15134

Ion Ratio Lower Upper

84 100

49 126.8 88.3 164.1

86 62.3 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV013039.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV013039.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV013039.D (-437) (-)

2.54

15000

10000

5000

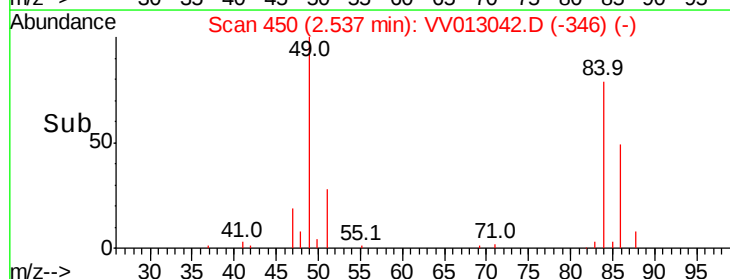
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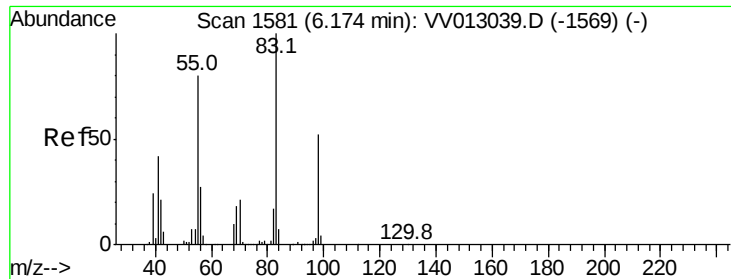
Time-->

2.50

2.55

2.60





#36
Methvlcvclohexane
Concen: 4.396 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013042.D
Acq: 04 Oct 2019 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 63200
Ion Ratio Lower Upper
83 100
55 0.2 61.8 92.8#
98 1.4 39.3 58.9#

