

Data File : VV010218.D
Acq On : 10 Apr 2019 19:14
Operator : SY/MD
Sample : K2215-21
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:10:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	294917	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	283422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127511	25.00	ug/L	0.00

System Monitoring Compounds

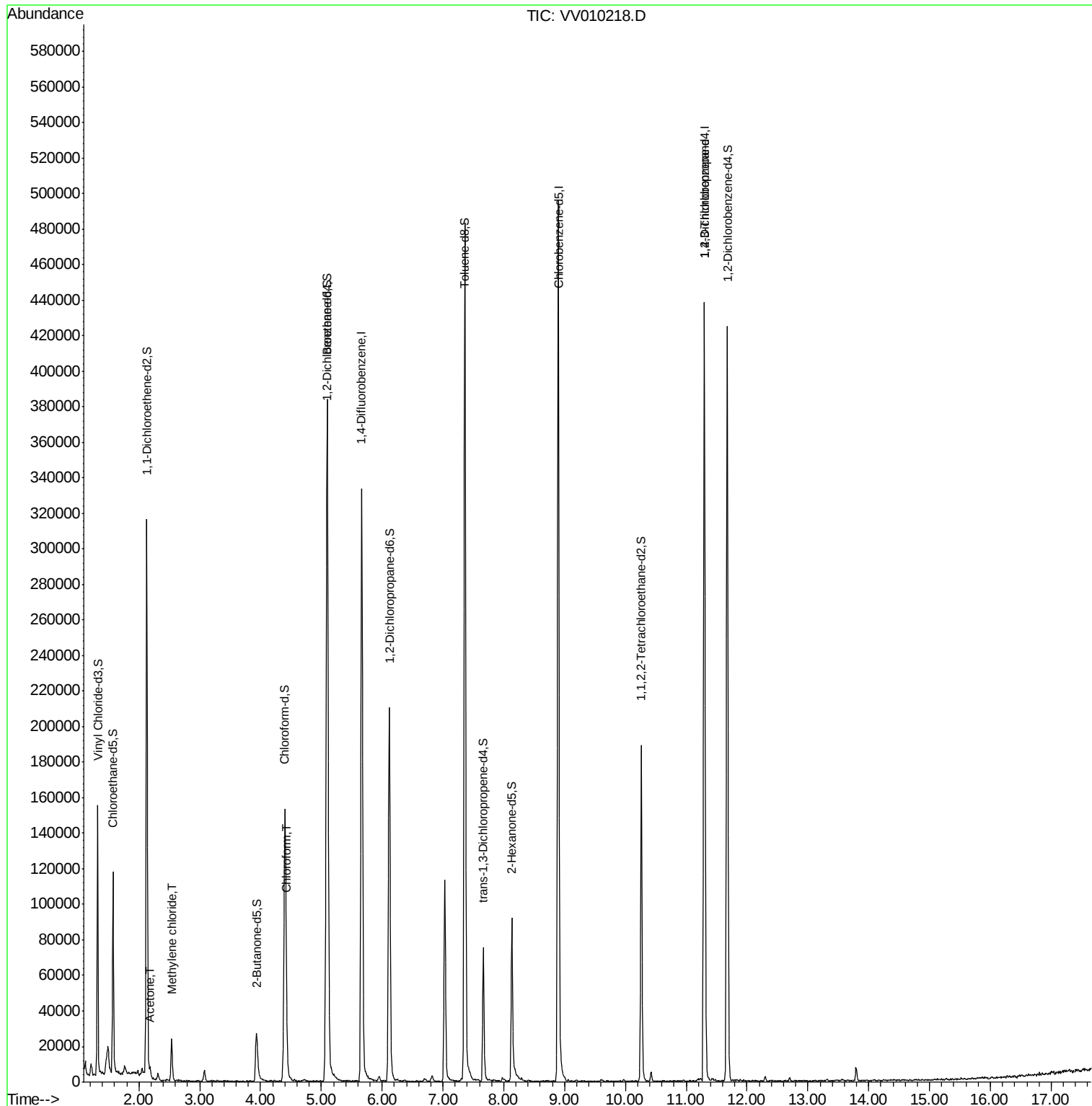
4) Vinyl Chloride-d3	1.32	65	81943	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.56%
7) Chloroethane-d5	1.58	69	71580	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	2.13	63	159188	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	3.93	46	42116	49.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.04%
24) Chloroform-d	4.40	84	150277	22.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	5.08	65	92593	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.56%
29) Benzene-d6	5.10	84	341395	24.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.92%
33) 1,2-Dichloropropane-d6	6.12	67	97759	24.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.20%
37) Toluene-d8	7.36	98	329447	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.88%
38) trans-1,3-Dichloropropene-	7.66	79	38521	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	8.13	63	30984	44.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	83857	22.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	120436	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

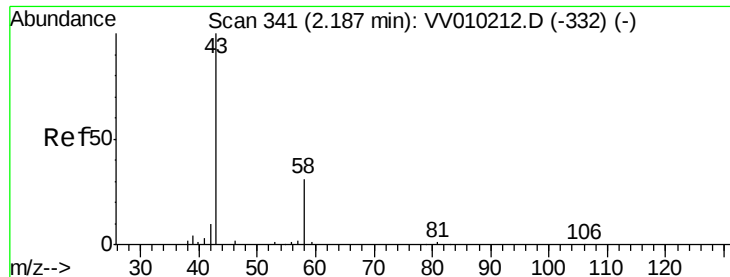
Target Compounds					Qvalue
13) Acetone	2.19	43	1450	1.580 ug/L	55
16) Methylene chloride	2.54	84	10114	1.751 ug/L	92
25) Chloroform	4.43	83	12400	1.717 ug/L	81
59) 1,2,3-Trichloropropane	11.30	75	15734	5.801 ug/L	91

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

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#13

Acetone

Concen: 1.580 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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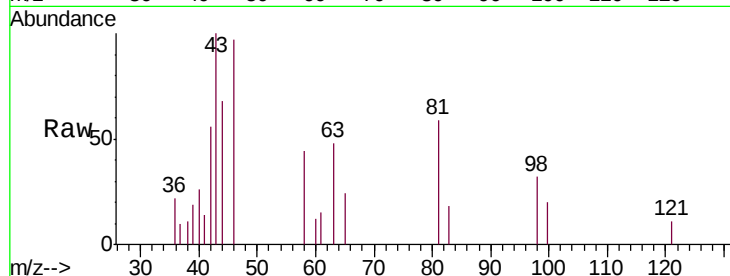
Acq: 10 Apr 2019 19:14

Tgt Ion: 43 Resp: 1450

Ion Ratio Lower Upper

43 100

58 55.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010218.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010218.D (-238) (-)

2.19

1200

1000

800

600

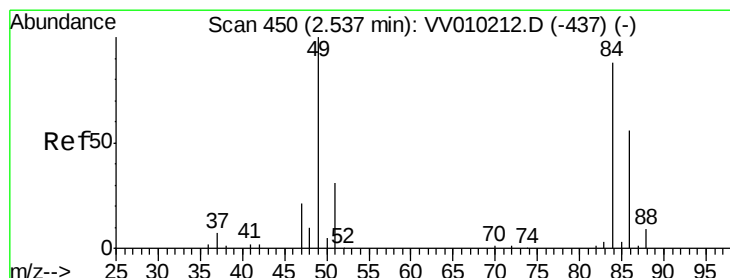
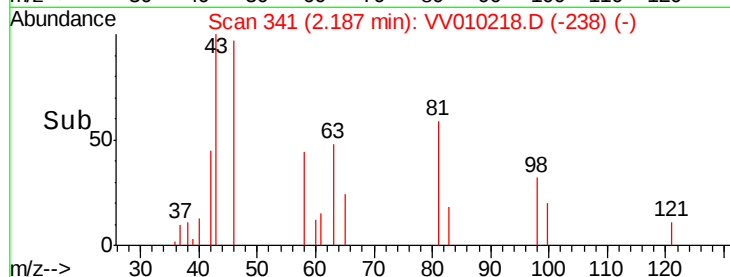
400

200

0

2.16 2.18 2.20 2.22

Time-->



#16

Methylene chloride

Concen: 1.751 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.01 min

Lab File: VV010218.D

Acq: 10 Apr 2019 19:14

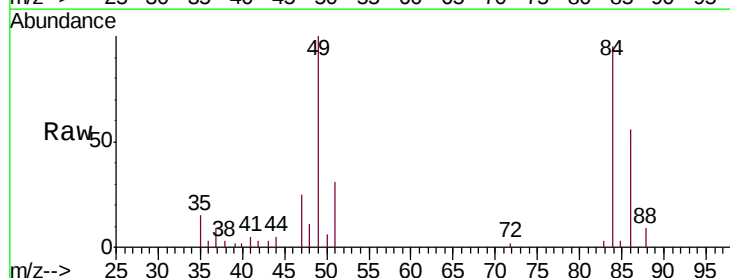
Tgt Ion: 84 Resp: 10114

Ion Ratio Lower Upper

84 100

49 104.7 79.9 148.5

86 58.5 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010218.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV010218.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV010218.D (-347) (-)

2.54

8000

6000

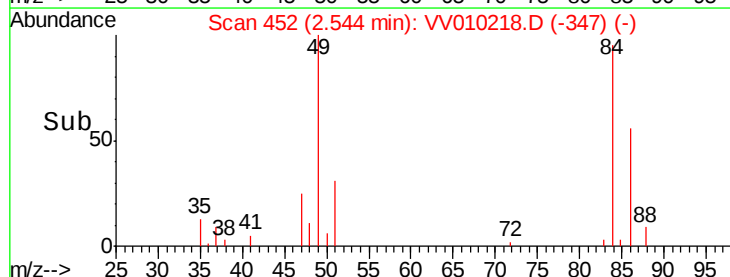
4000

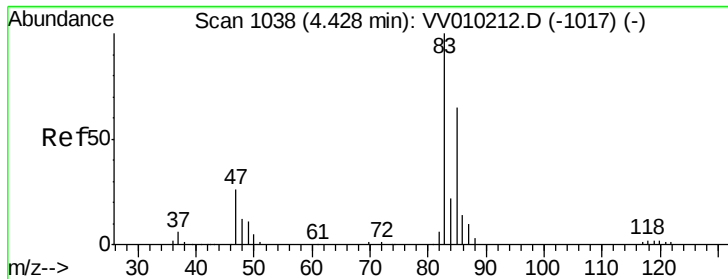
2000

0

2.50 2.55 2.60

Time-->





#25

Chloroform

Concen: 1.717 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.00 min

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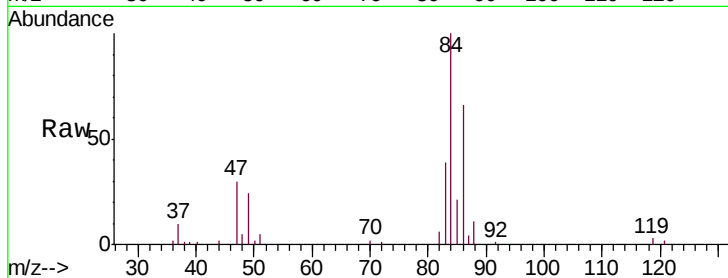
Acq: 10 Apr 2019 19:14

Tgt Ion: 83 Resp: 12400

Ion Ratio Lower Upper

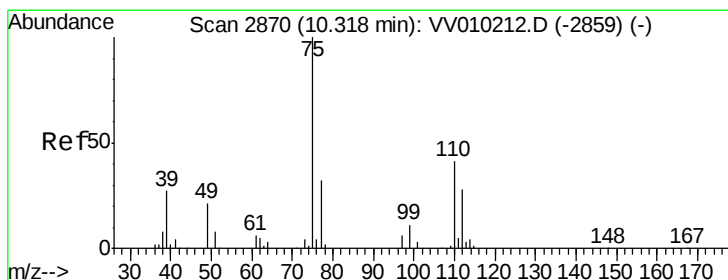
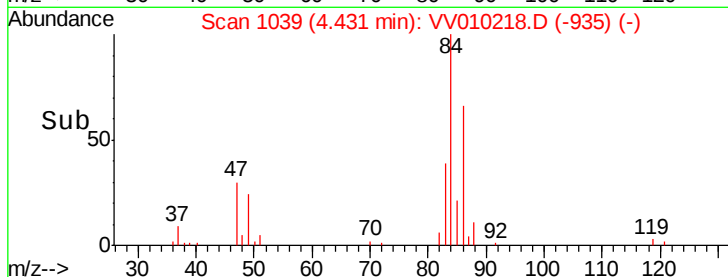
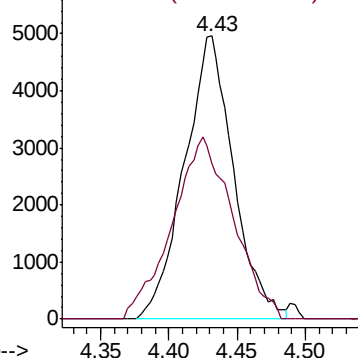
83 100

85 79.8 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.801 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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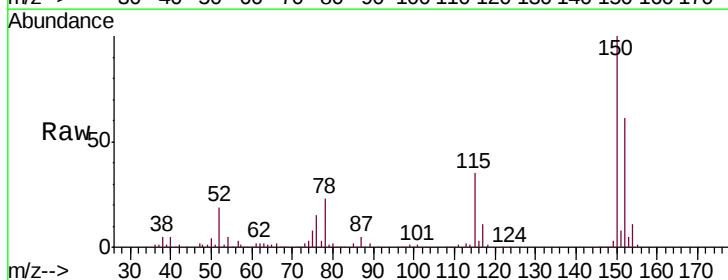
Acq: 10 Apr 2019 19:14

Tgt Ion: 75 Resp: 15734

Ion Ratio Lower Upper

75 100

77 38.5 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

