

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010257.D
 Acq On : 11 Apr 2019 22:52
 Operator : SY/MD
 Sample : K2278-11
 Misc : 4.93G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y2

Quant Time: Apr 12 04:48:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	345797	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	50435	12.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.68%
7) Chloroethane-d5	1.55	69	60827	17.78	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
10) 1,1-Dichloroethene-d2	2.11	63	100293	9.90	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.60%#
20) 2-Butanone-d5	4.11	46	216	0.21	ug/L	0.18
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.42%#
24) Chloroform-d	4.39	84	144917	18.35	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.40%
26) 1,2-Dichloroethane-d4	5.07	65	95234	21.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.68%
29) Benzene-d6	5.09	84	306056	20.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.44%
33) 1,2-Dichloropropane-d6	6.11	67	98680	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.20%
37) Toluene-d8	7.36	98	279618	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.36%
38) trans-1,3-Dichloropropene-	7.66	79	32704	17.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.32%
39) 2-Hexanone-d5	8.13	63	31210	39.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	81876	20.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	101603	21.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.36%

Target Compounds

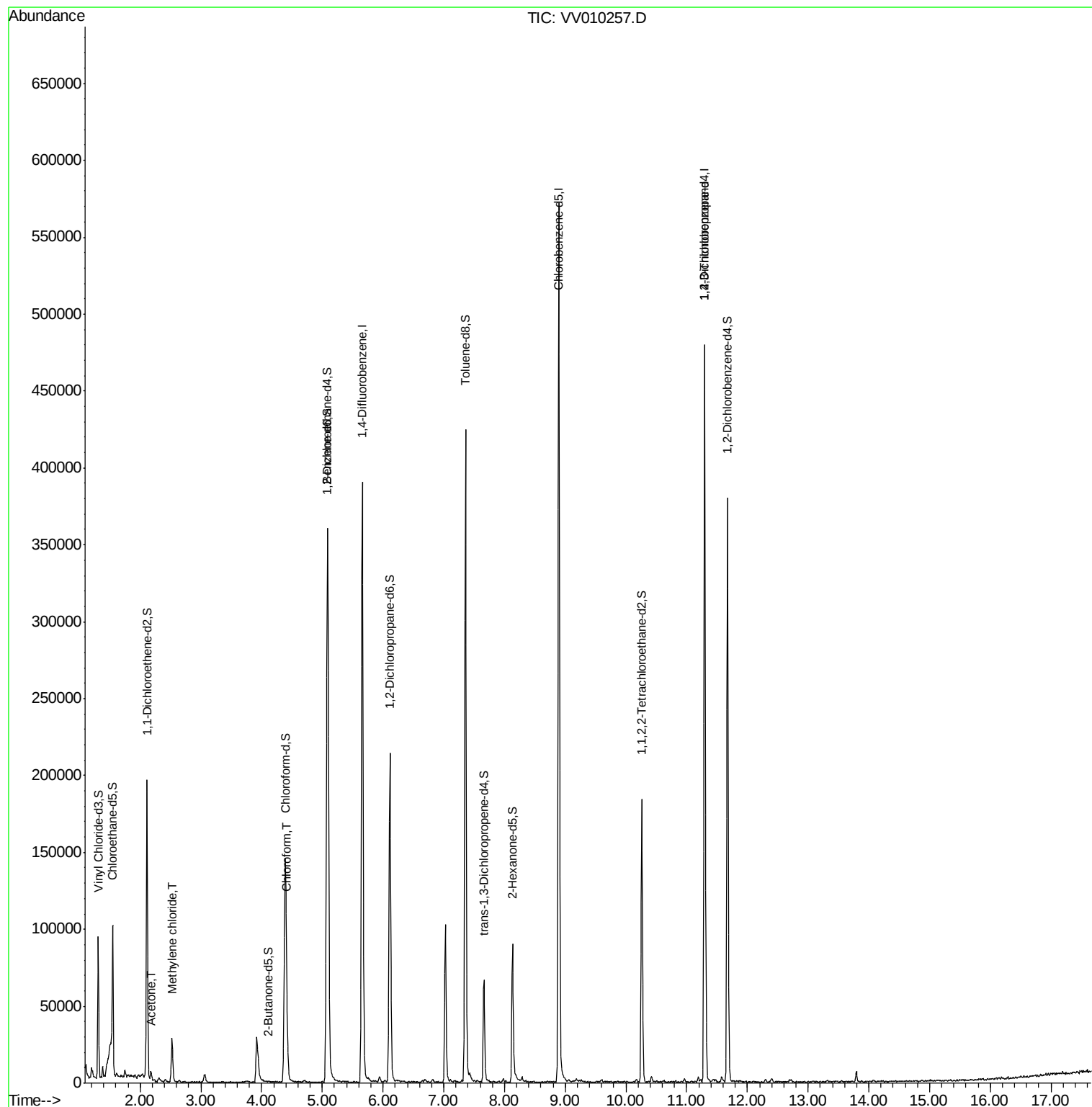
					Qvalue
13) Acetone	2.18	43	3462	3.217 ug/L	84
16) Methylene chloride	2.52	84	11754	1.736 ug/L	93
25) Chloroform	4.42	83	19030	2.247 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	16111	5.333 ug/L	94

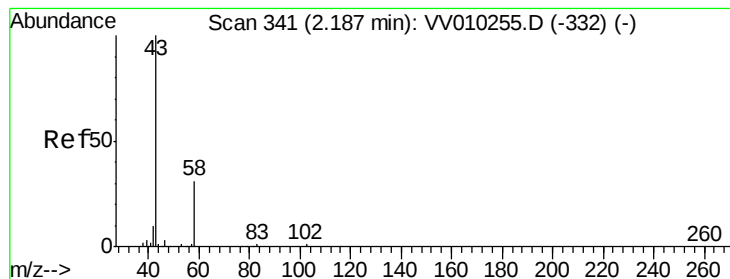
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.217 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010257.D

Acq: 11 Apr 2019 22:52

Instrument :

MSVOA_V

ClientSampled :

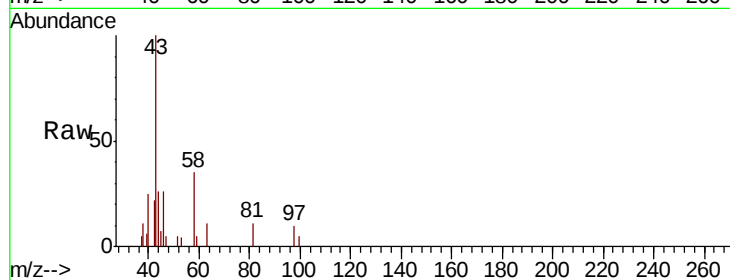
DB6Y2

Tgt Ion: 43 Resp: 3462

Ion Ratio Lower Upper

43 100

58 39.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010255.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010255.D (-332) (-)

2.18

2000

1500

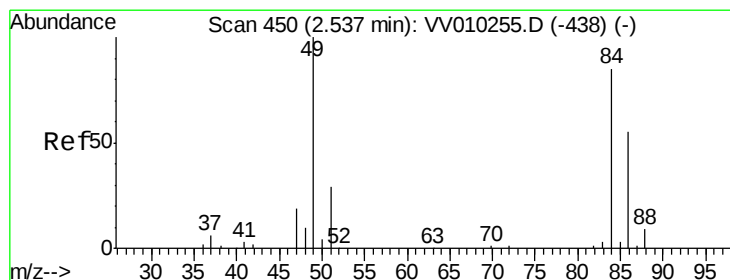
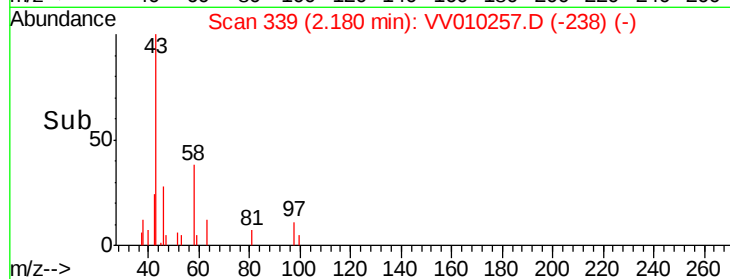
1000

500

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 1.736 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

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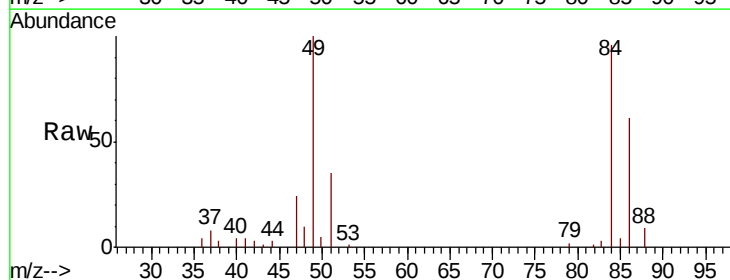
Tgt Ion: 84 Resp: 11754

Ion Ratio Lower Upper

84 100

49 103.7 79.9 148.5

86 62.9 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010255.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010255.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010255.D (-438) (-)

2.52

10000

8000

6000

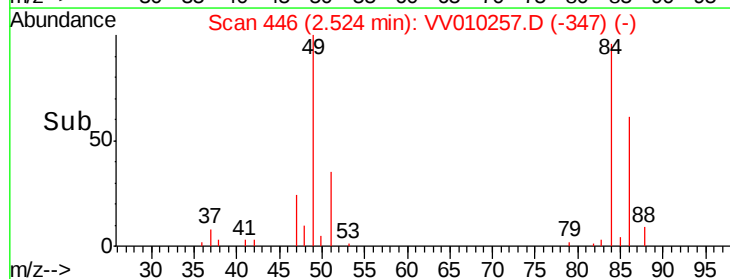
4000

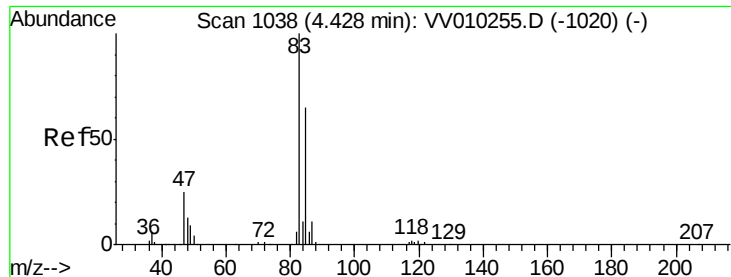
2000

0

2.50 2.55 2.60

Time-->

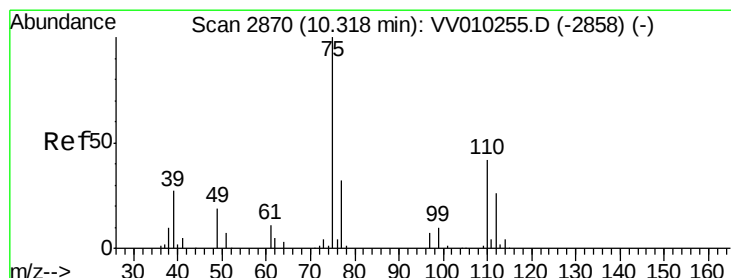
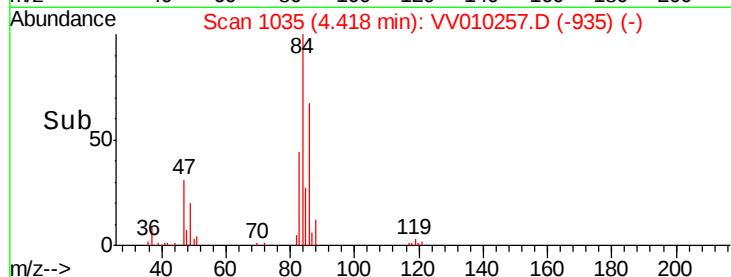
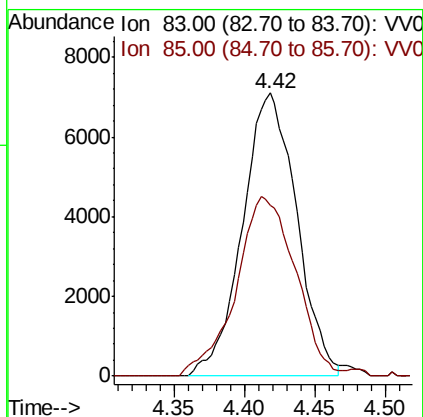
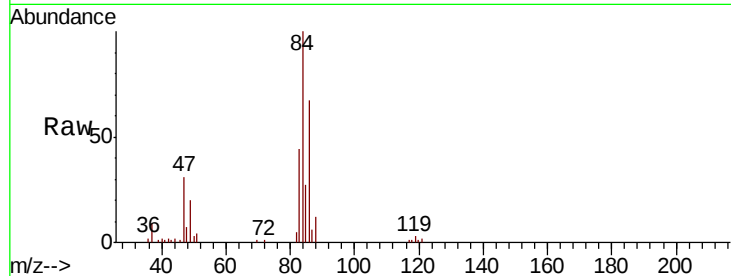




#25
Chloroform
Concen: 2.247 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
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MSVOA_V
ClientSampled :
DB6Y2

Tgt Ion: 83 Resp: 19030
Ion Ratio Lower Upper
83 100
85 69.6 45.4 84.2



#59
1,2,3-Trichloropropane
Concen: 5.333 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010257.D
Acq: 11 Apr 2019 22:52

Tgt Ion: 75 Resp: 16111
Ion Ratio Lower Upper
75 100
77 37.3 26.9 40.3

