

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010268.D
 Acq On : 12 Apr 2019 03:39
 Operator : SY/MD
 Sample : K2354-18
 Misc : 6.22G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2T7

Quant Time: Apr 12 04:49:27 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	304837	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	263732	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96031	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	59470	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.80%
7) Chloroethane-d5	1.57	69	64341	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
10) 1,1-Dichloroethene-d2	2.12	63	95434	10.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.72%#
20) 2-Butanone-d5	3.92	46	33691	37.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.88%
24) Chloroform-d	4.39	84	152040	21.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	5.07	65	85793	21.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.56%
29) Benzene-d6	5.09	84	322325	25.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.40%
33) 1,2-Dichloropropane-d6	6.11	67	94268	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	7.36	98	279121	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.04%
38) trans-1,3-Dichloropropene-	7.66	79	27820	17.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.56%
39) 2-Hexanone-d5	8.13	63	21237	32.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66285	19.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.08%
61) 1,2-Dichlorobenzene-d4	11.68	152	81326	22.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.72%

Target Compounds

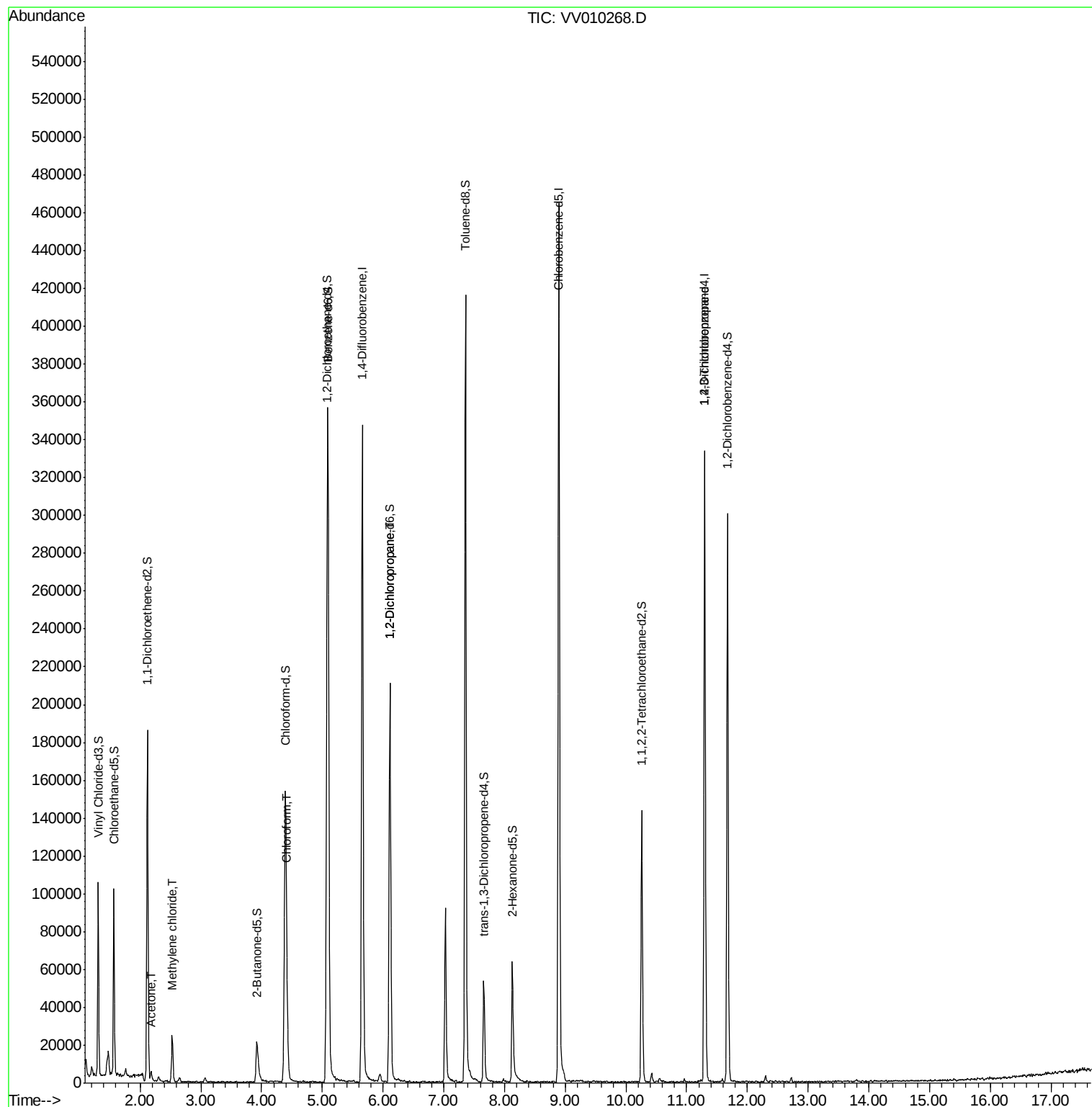
					Qvalue
13) Acetone	2.18	43	2773	2.923 ug/L	95
16) Methylene chloride	2.53	84	9198	1.541 ug/L	85
25) Chloroform	4.42	83	18330	2.455 ug/L	92
40) 1,2-Dichloropropane	6.11	63	6885	2.105 ug/L #	85
59) 1,2,3-Trichloropropane	11.30	75	12266	4.860 ug/L	98

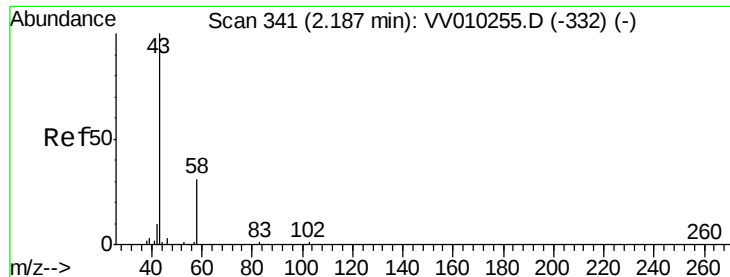
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.923 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010268.D

Acq: 12 Apr 2019 03:39

Instrument :

MSVOA_V

ClientSampled :

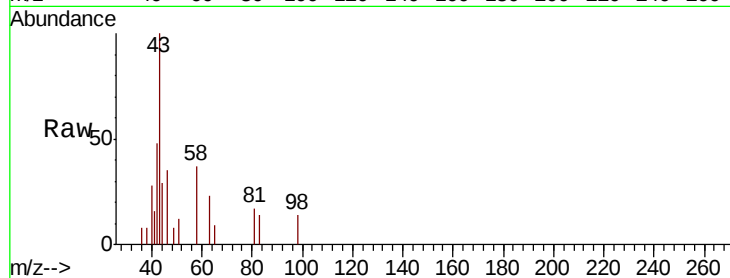
BF2T7

Tgt Ion: 43 Resp: 2773

Ion Ratio Lower Upper

43 100

58 27.9 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

1500

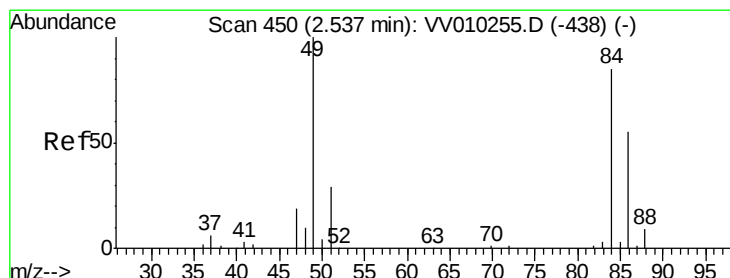
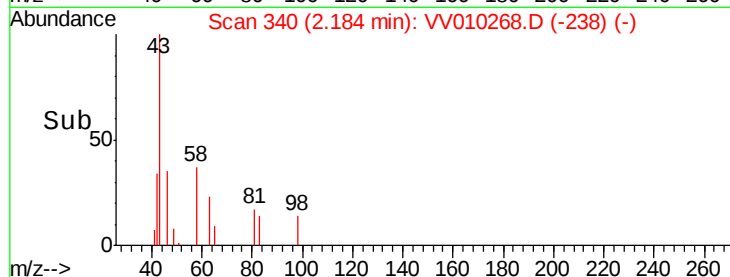
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 1.541 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010268.D

Acq: 12 Apr 2019 03:39

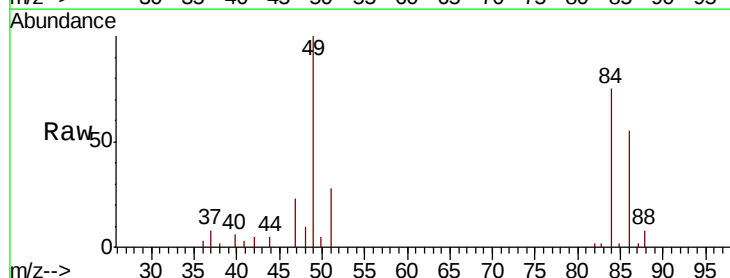
Tgt Ion: 84 Resp: 9198

Ion Ratio Lower Upper

84 100

49 132.5 79.9 148.5

86 73.1 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) (-)

2.53

10000

8000

6000

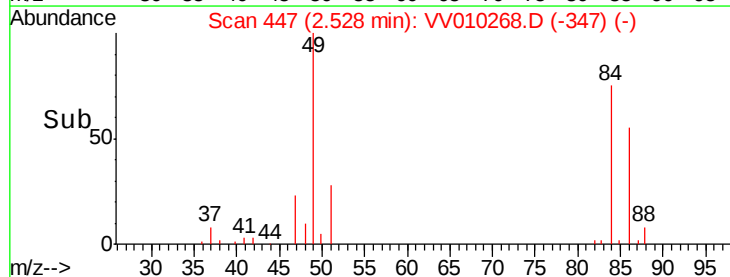
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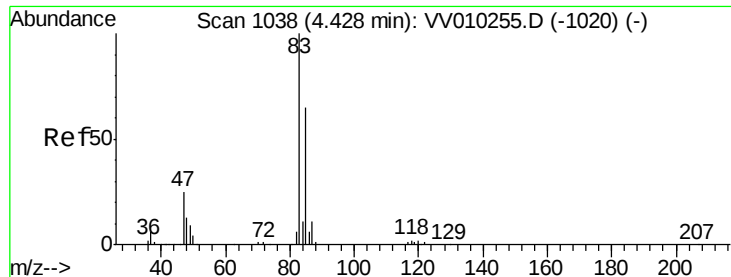
2000

0

2.50 2.55

Time-->

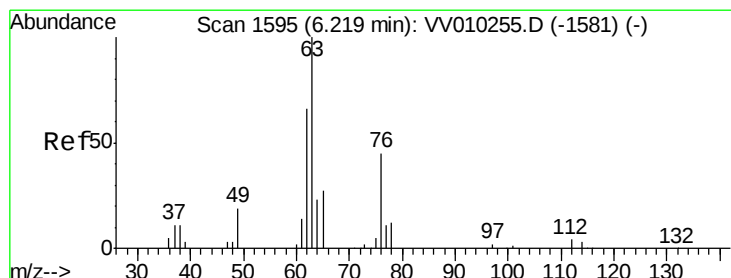
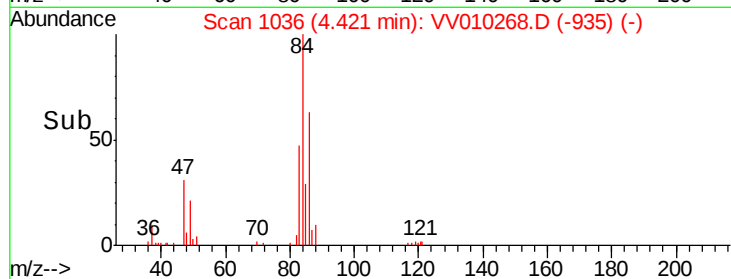
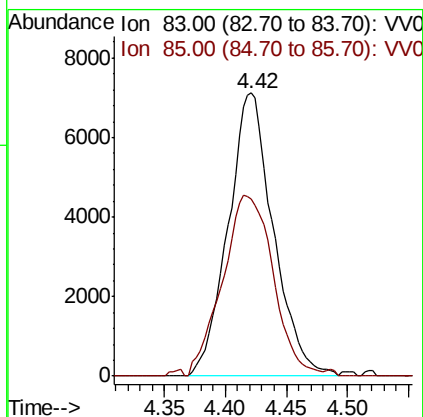
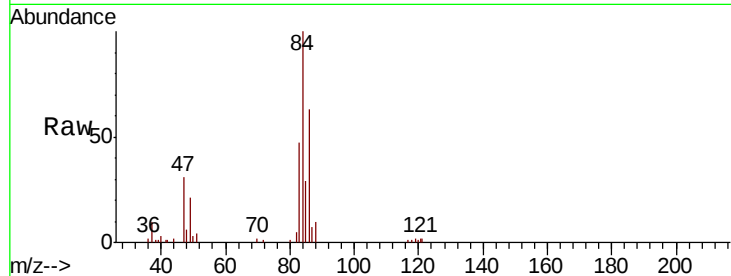




#25
Chloroform
Concen: 2.455 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV010268.D
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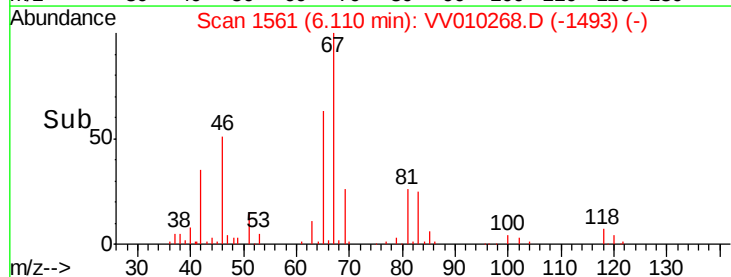
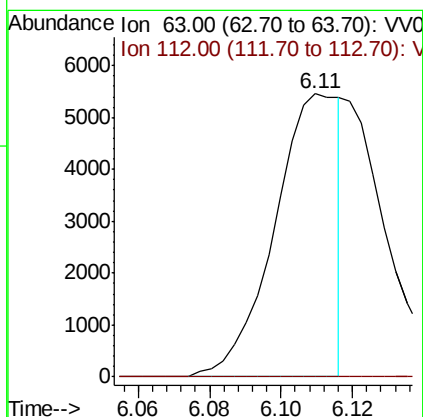
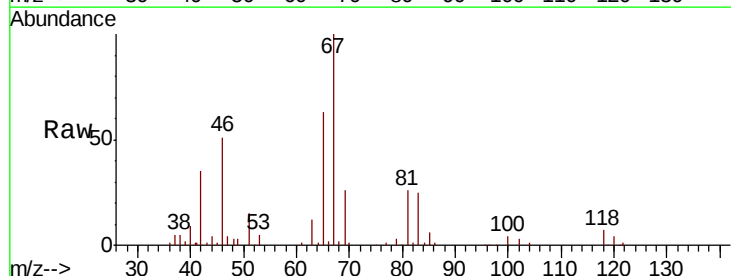
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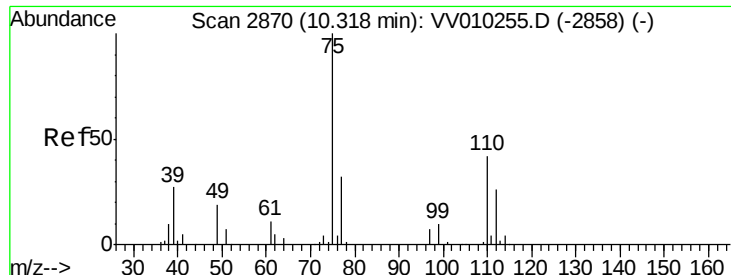
Tgt Ion: 83 Resp: 18330
Ion Ratio Lower Upper
83 100
85 71.5 45.4 84.2



#40
1,2-Dichloropropane
Concen: 2.105 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV010268.D
Acq: 12 Apr 2019 03:39

Tgt Ion: 63 Resp: 6885
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#59
 1,2,3-Trichloropropane
 Concen: 4.860 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010268.D
 Acq: 12 Apr 2019 03:39

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2T7

Tgt Ion: 75 Resp: 12266
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.9 40.3

