

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010178.D
 Acq On : 08 Apr 2019 16:14
 Operator : SY/MD
 Sample : K2218-09
 Misc : 4.18G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5Z9

Quant Time: Apr 09 05:35:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	209585	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218748	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88307	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20796	7.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	29.64%#
7) Chloroethane-d5	1.57	69	41903	12.02	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.08%
10) 1,1-Dichloroethene-d2	2.12	63	56041	7.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.68%#
20) 2-Butanone-d5	3.95	46	42625	53.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.78%
24) Chloroform-d	4.40	84	108257	20.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.08	65	80043	27.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.40%
29) Benzene-d6	5.10	84	204429	18.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.08%
33) 1,2-Dichloropropane-d6	6.12	67	74511	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.04%
37) Toluene-d8	7.36	98	179555	16.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.72%
38) trans-1,3-Dichloropropene-	7.67	79	24283	16.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.88%
39) 2-Hexanone-d5	8.14	63	27801	41.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	82513	24.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	77058	22.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.60%

Target Compounds

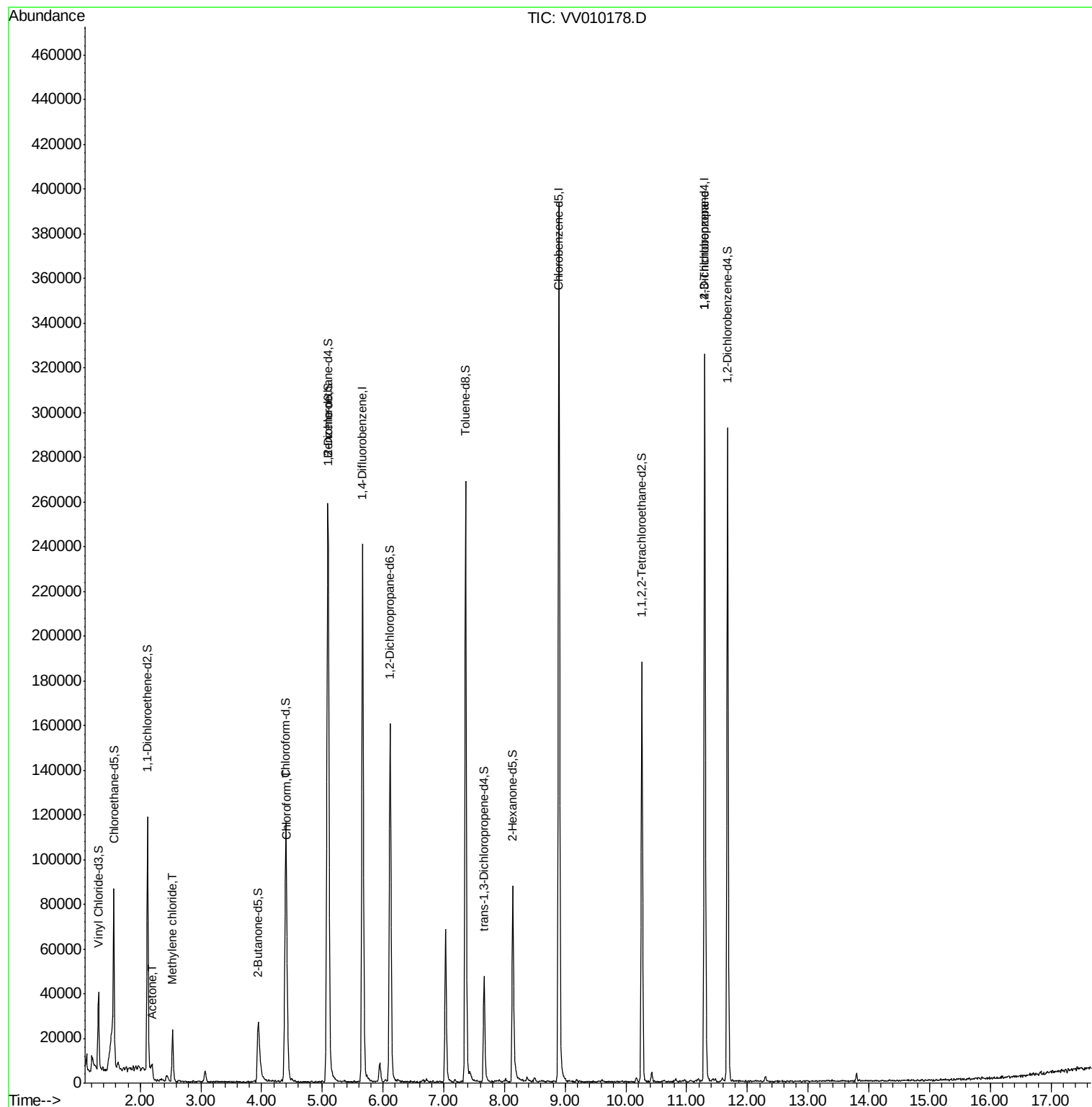
					Ovalue
13) Acetone	2.20	43	4808	6.091	ug/L 95
16) Methylene chloride	2.53	84	9319	2.531	ug/L 94
25) Chloroform	4.42	83	5814	1.220	ug/L 91
59) 1,2,3-Trichloropropane	11.30	75	10820	4.902	ug/L # 85

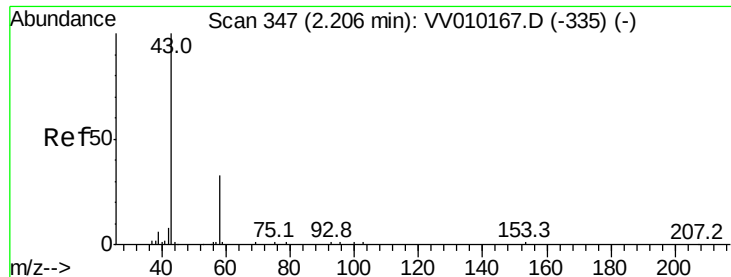
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.091 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

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Acq: 08 Apr 2019 16:14

Instrument :

MSVOA_V

ClientSampleId :

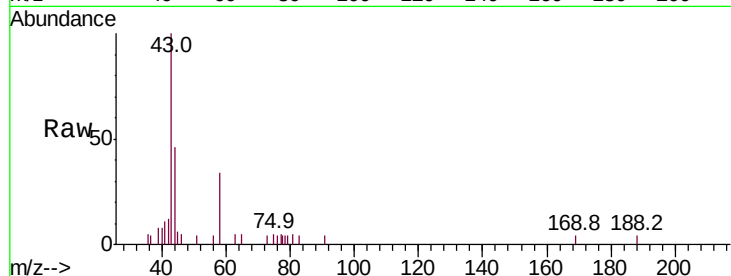
BF5Z9

Tot Ion: 43 Resp: 4808

Ion Ratio Lower Upper

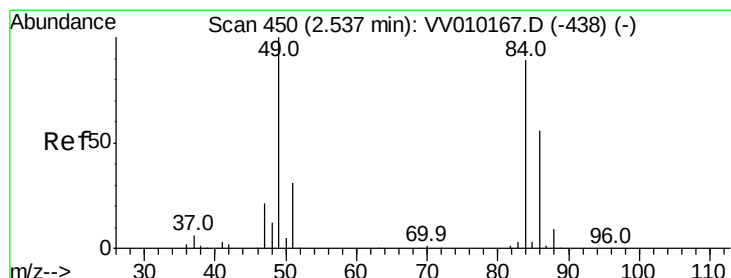
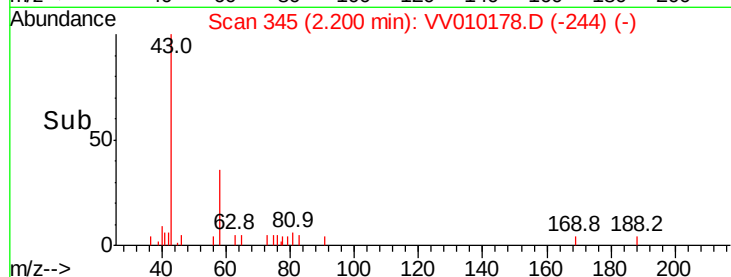
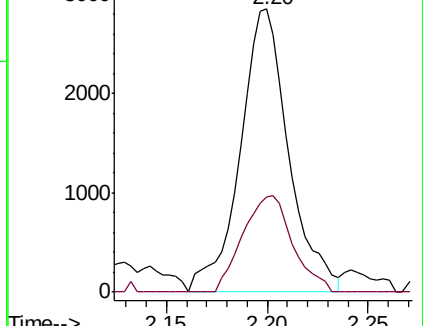
43 100

58 35.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010167.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV010167.D (-335) (-)



#16

Methylene chloride

Concen: 2.531 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010178.D

Acq: 08 Apr 2019 16:14

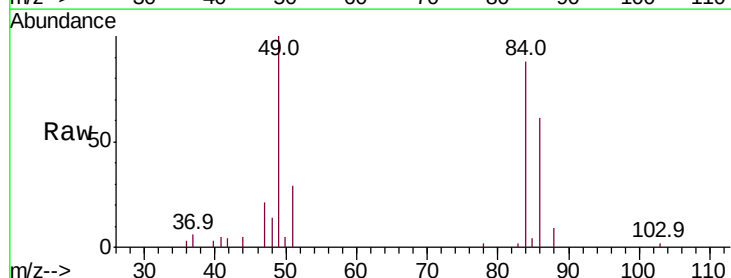
Tgt Ion: 84 Resp: 9319

Ion Ratio Lower Upper

84 100

49 113.6 84.3 156.5

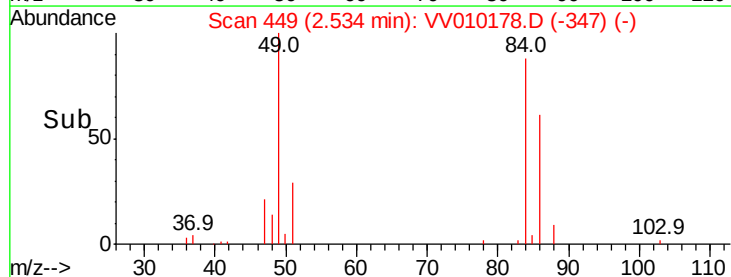
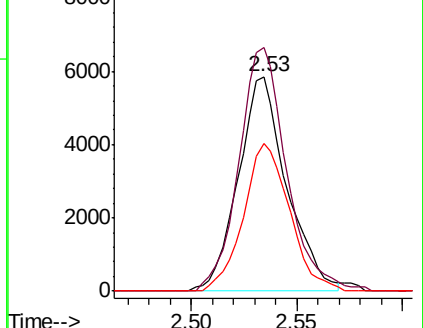
86 69.1 45.4 84.2

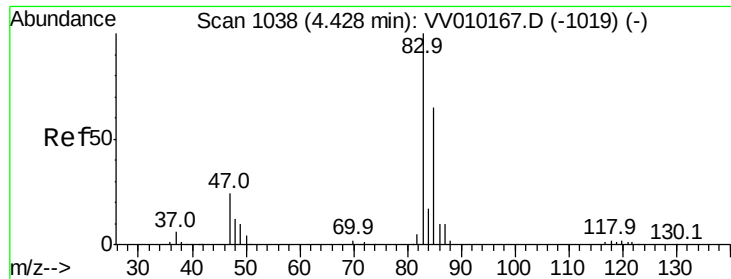


Abundance Ion 84.00 (83.70 to 84.70): VV010167.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010167.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010167.D (-438) (-)

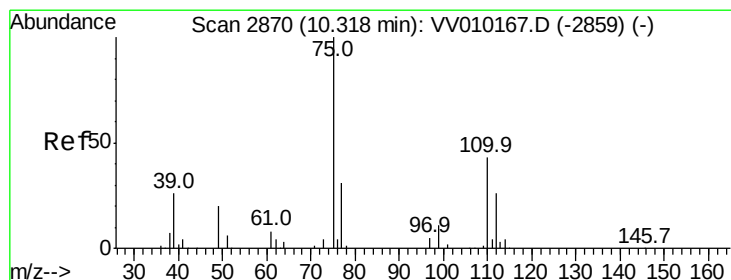
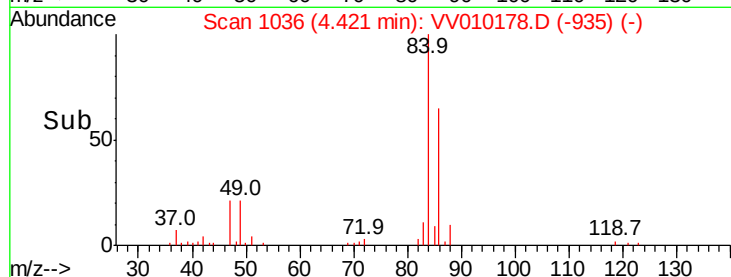
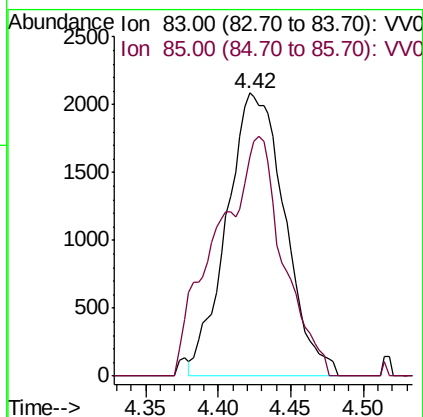
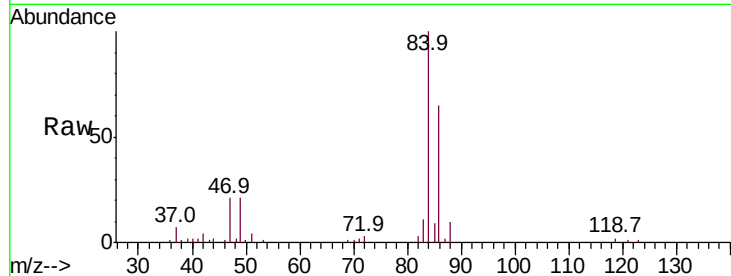




#25
Chloroform
Concen: 1.220 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
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Tot Ion: 83 Resp: 5814
Ion Ratio Lower Upper
83 100
85 59.5 46.4 86.2



#59
1,2,3-Trichloropropane
Concen: 4.902 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010178.D
Acq: 08 Apr 2019 16:14

Tgt Ion: 75 Resp: 10820
Ion Ratio Lower Upper
75 100
77 40.7 25.8 38.8#

