

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010187.D
 Acq On : 08 Apr 2019 20:12
 Operator : SY/MD
 Sample : K2254-01
 Misc : 4.24G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC22

Quant Time: Apr 09 05:36:18 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	225919	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223296	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98090	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49960	16.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.08%
7) Chloroethane-d5	1.58	69	77096	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.08%
10) 1,1-Dichloroethene-d2	2.13	63	104192	13.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.64%
20) 2-Butanone-d5	3.95	46	38035	44.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.38%
24) Chloroform-d	4.40	84	122456	21.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	5.08	65	77402	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	5.10	84	238916	20.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.52%
33) 1,2-Dichloropropane-d6	6.12	67	76318	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.32%
37) Toluene-d8	7.36	98	218047	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.16%
38) trans-1,3-Dichloropropene-	7.67	79	29540	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.88%
39) 2-Hexanone-d5	8.14	63	30230	44.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	76160	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.40%
61) 1,2-Dichlorobenzene-d4	11.68	152	85587	22.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.60%

Target Compounds

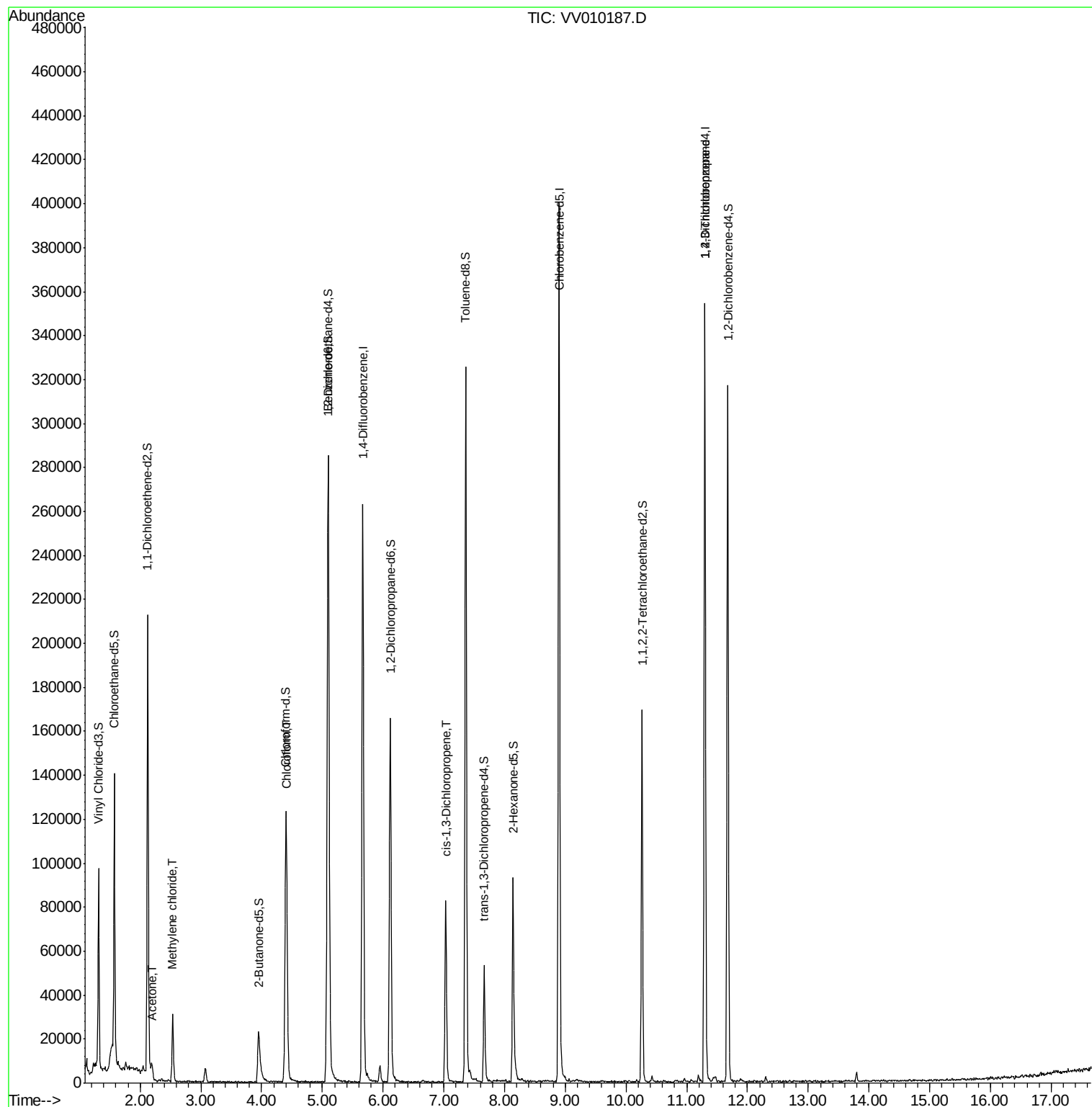
					Ovalue
13) Acetone	2.20	43	2344	2.755 ug/L	81
16) Methylene chloride	2.53	84	12995	3.274 ug/L	95
25) Chloroform	4.42	83	1968	0.383 ug/L #	1
42) cis-1,3-Dichloropropene	7.03	75	2160	0.541 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	11439	5.077 ug/L	90

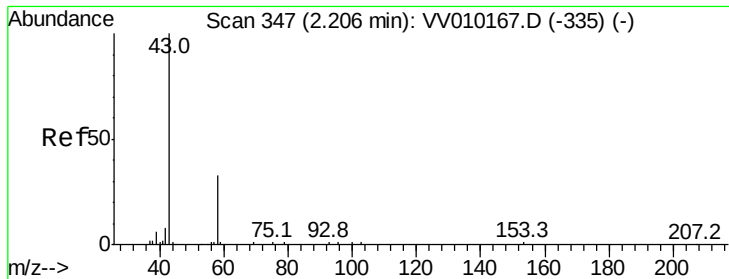
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.755 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

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ClientSampleId :

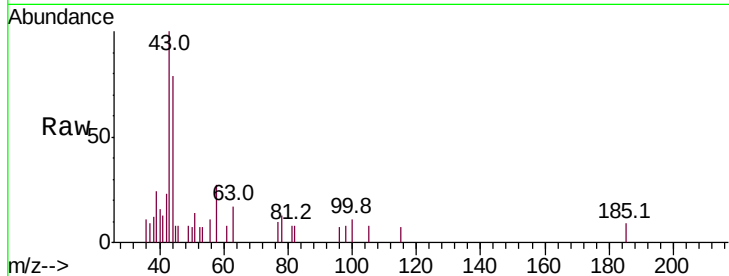
BFC22

Tot Ion: 43 Resp: 2344

Ion Ratio Lower Upper

43 100

58 21.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.20

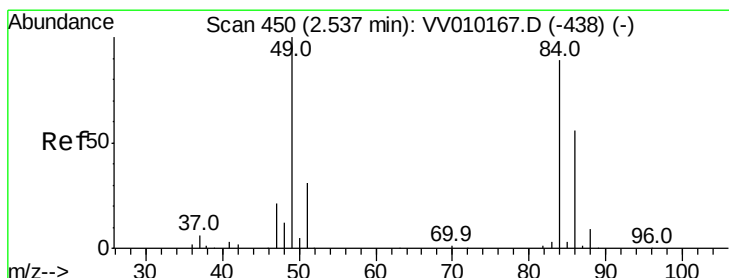
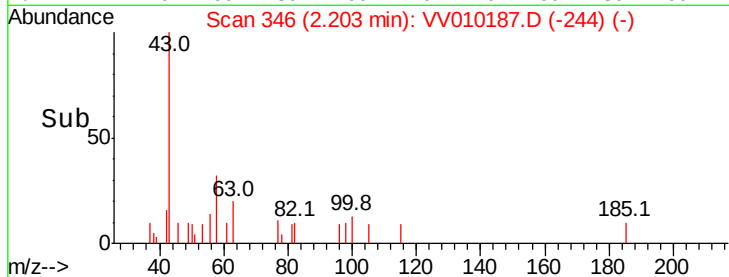
1500

1000

500

0

Time--> 2.15 2.20 2.25



#16

Methylene chloride

Concen: 3.274 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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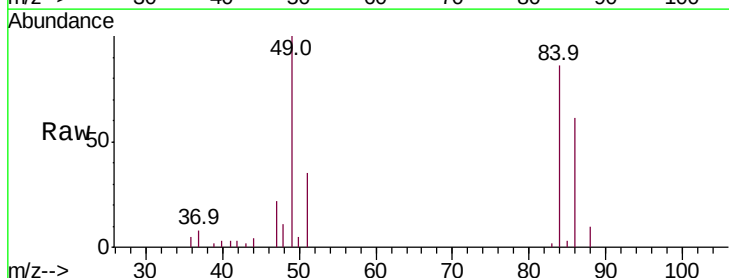
Tgt Ion: 84 Resp: 12995

Ion Ratio Lower Upper

84 100

49 116.1 84.3 156.5

86 70.3 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

12000

10000

8000

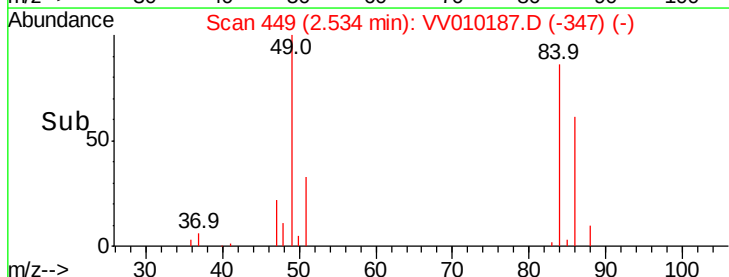
6000

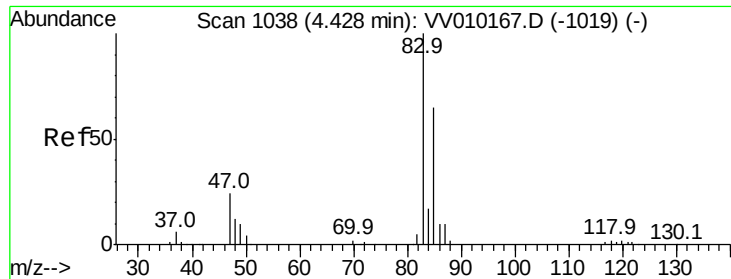
4000

2000

0

Time--> 2.50 2.55 2.60





#25

Chloroform

Concen: 0.383 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

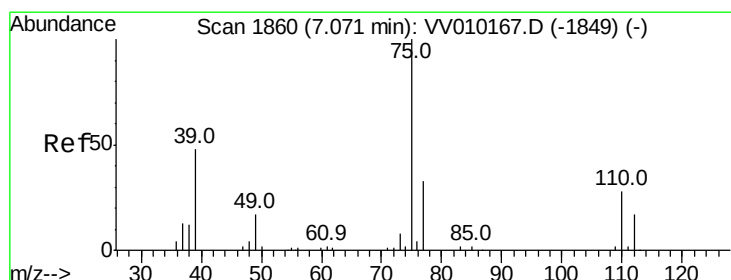
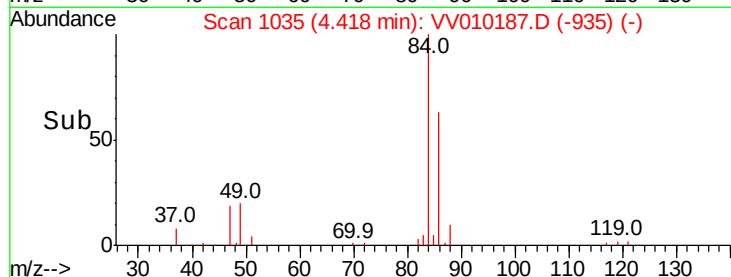
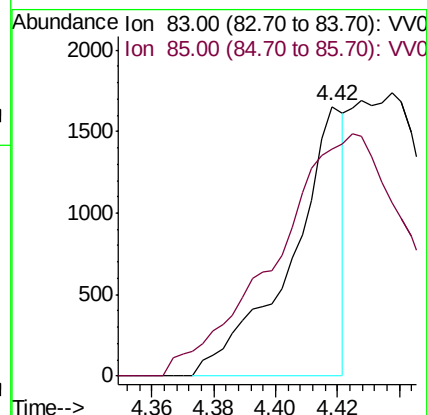
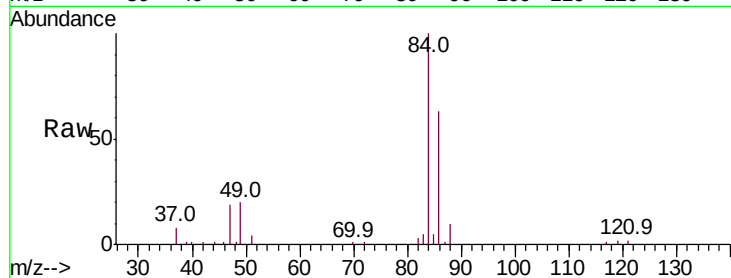
BFC22

Tot Ion: 83 Resp: 1968

Ion Ratio Lower Upper

83 100

85 229.0 46.4 86.2#



#42

cis-1,3-Dichloropropene

Concen: 0.541 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV010187.D

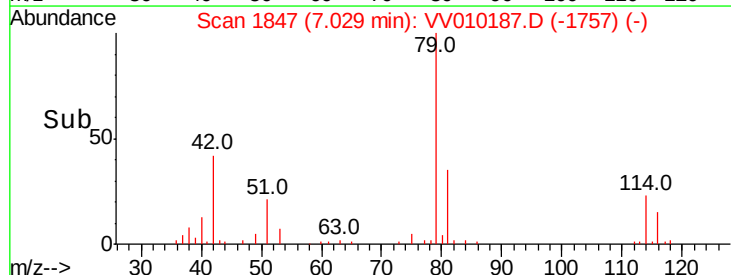
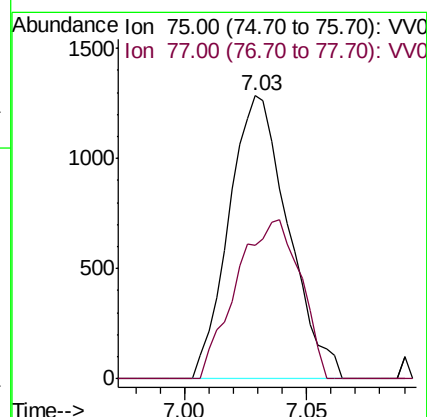
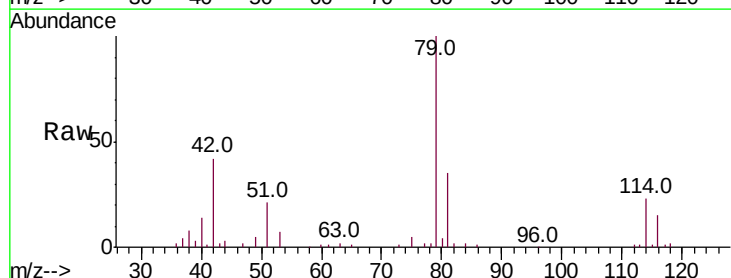
Acq: 08 Apr 2019 20:12

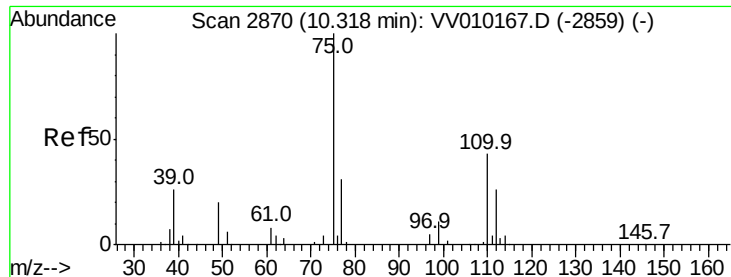
Tgt Ion: 75 Resp: 2160

Ion Ratio Lower Upper

75 100

77 47.3 22.1 41.1#





#59
 1,2,3-Trichloropropane
 Concen: 5.077 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010187.D
 Acq: 08 Apr 2019 20:12

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC22

Tot Ion: 75 Resp: 11439
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.8 38.8

