

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010170.D
 Acq On : 08 Apr 2019 12:44
 Operator : SY/MD
 Sample : K2255-02
 Misc : 3.61G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC35

Quant Time: Apr 09 05:34:30 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	5.66	114	255700	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	261454	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110865	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31668	9.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	37.00%
7) Chloroethane-d5	1.58	69	63767	15.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.00%
10) 1,1-Dichloroethene-d2	2.13	63	78549	9.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.40%#
20) 2-Butanone-d5	3.95	46	35895	36.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.70%
24) Chloroform-d	4.40	84	142117	22.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	5.08	65	86954	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.52%
29) Benzene-d6	5.10	84	269696	19.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.56%
33) 1,2-Dichloropropane-d6	6.12	67	91797	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.76%
37) Toluene-d8	7.36	98	241590	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.96%
38) trans-1,3-Dichloropropene-	7.67	79	31630	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.96%
39) 2-Hexanone-d5	8.14	63	25736	32.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80980	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	98771	22.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.48%

Target Compounds

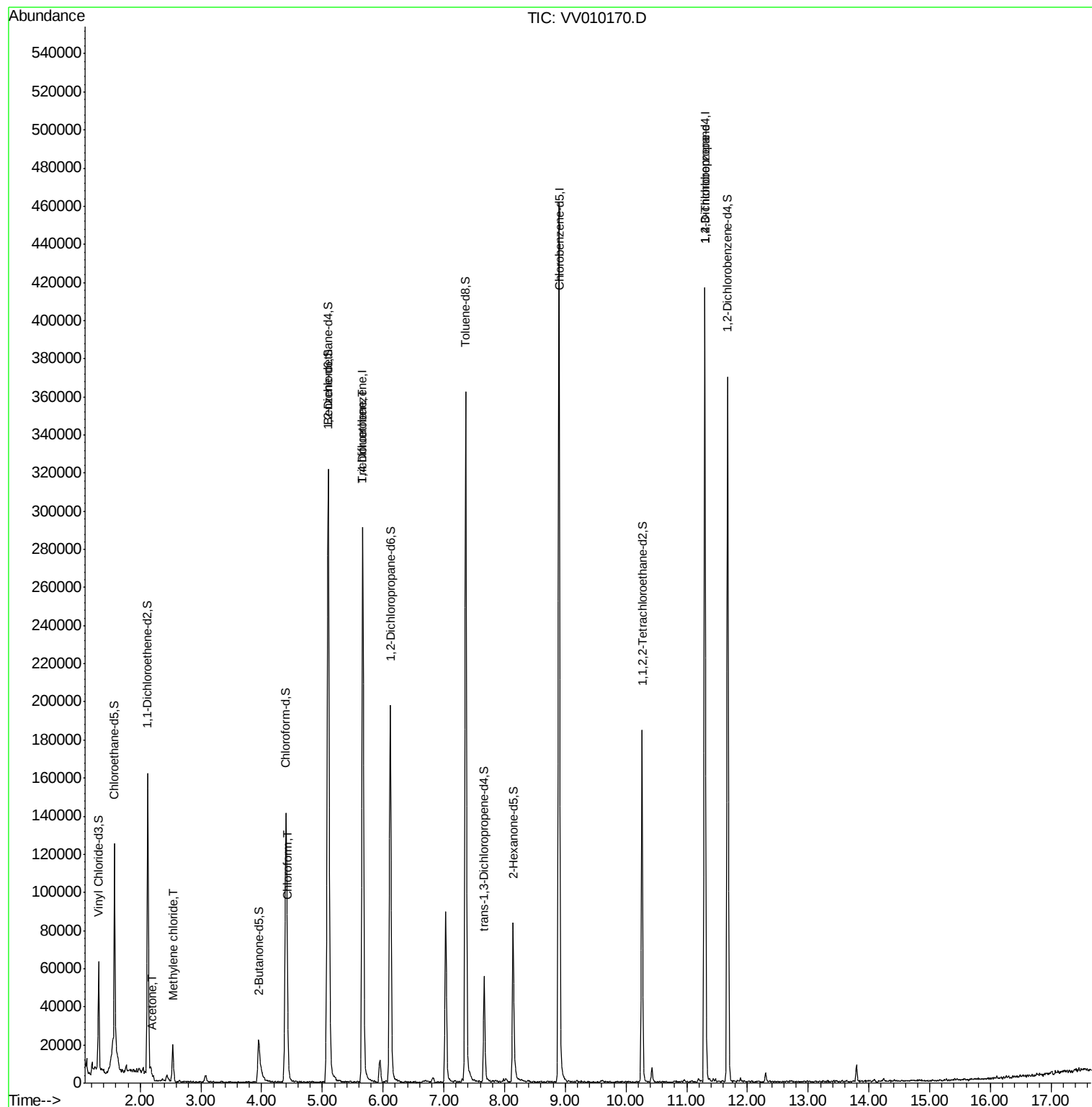
					Ovalue
13) Acetone	2.20	43	1138	1.182 ug/L	44
16) Methylene chloride	2.54	84	8317	1.851 ug/L	89
25) Chloroform	4.43	83	5406	0.930 ug/L	83
35) Trichloroethene	5.67	95	7106	1.931 ug/L #	3
59) 1,2,3-Trichloropropane	11.30	75	14735	5.585 ug/L #	87

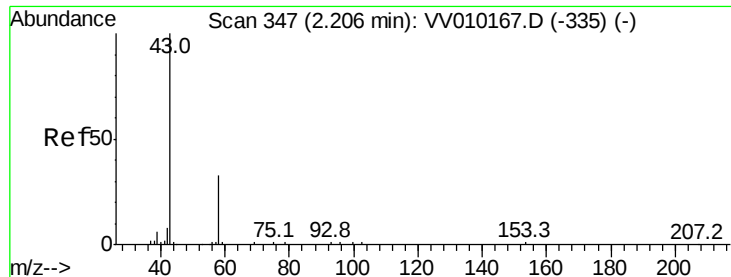
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.182 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV010170.D

Acq: 08 Apr 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

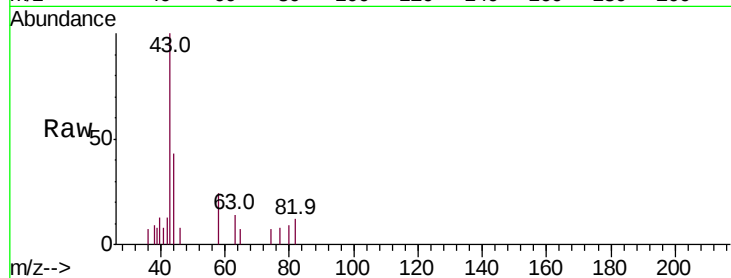
BFC35

Tot Ion: 43 Resp: 1138

Ion Ratio Lower Upper

43 100

58 63.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010170.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV010170.D (-345) (-)

2.20

1500

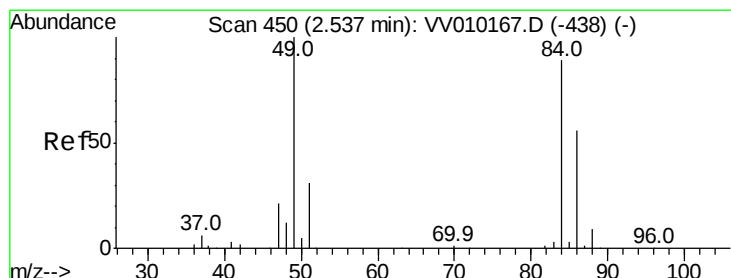
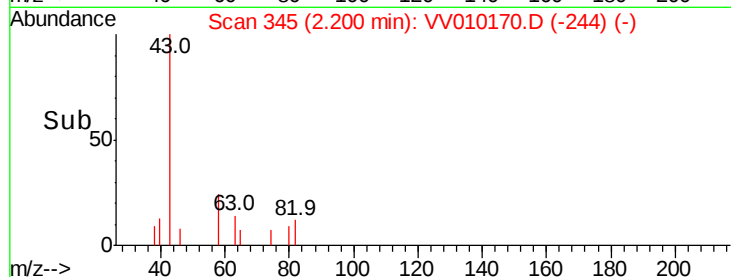
1000

500

0

2.18 2.20

Time-->



#16

Methylene chloride

Concen: 1.851 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010170.D

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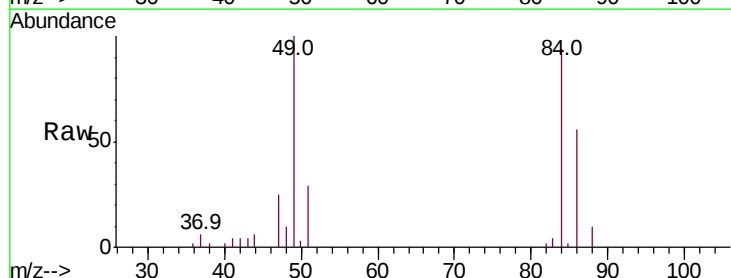
Tgt Ion: 84 Resp: 8317

Ion Ratio Lower Upper

84 100

49 106.2 84.3 156.5

86 59.5 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010170.D (-440) (-)

Ion 49.00 (48.70 to 49.70): VV010170.D (-440) (-)

Ion 86.00 (85.70 to 86.70): VV010170.D (-440) (-)

2.54

6000

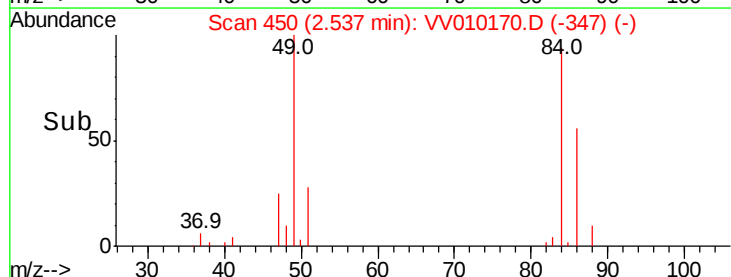
4000

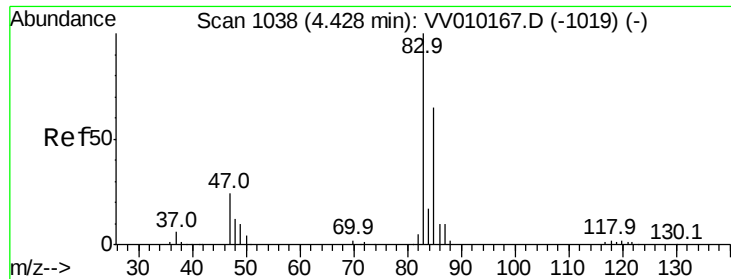
2000

0

2.50 2.55 2.60

Time-->

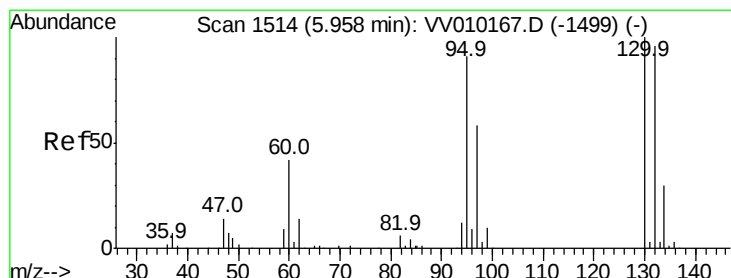
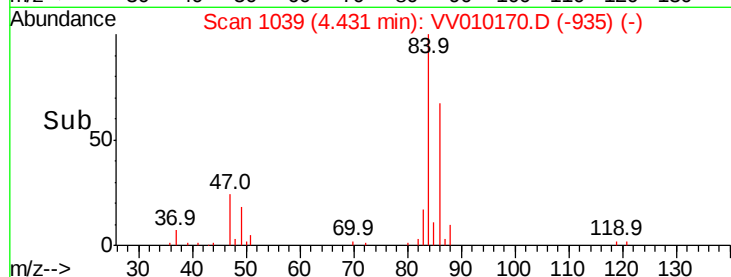
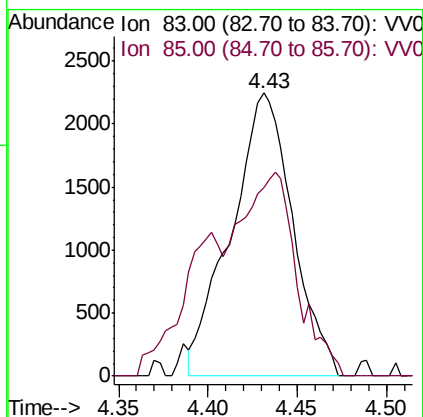
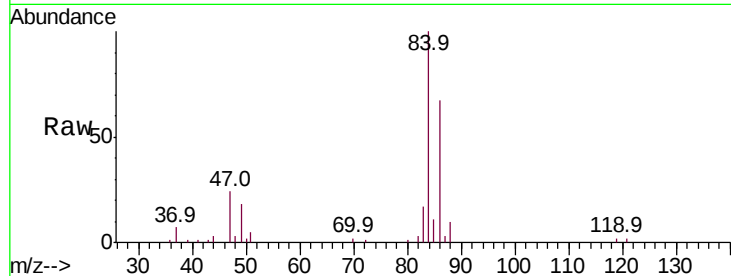




#25
Chloroform
Concen: 0.930 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010170.D
Acq: 08 Apr 2019 12:44

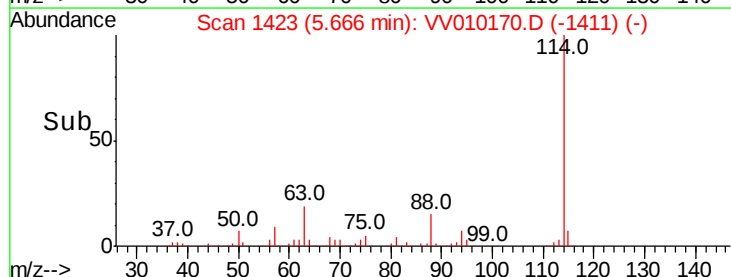
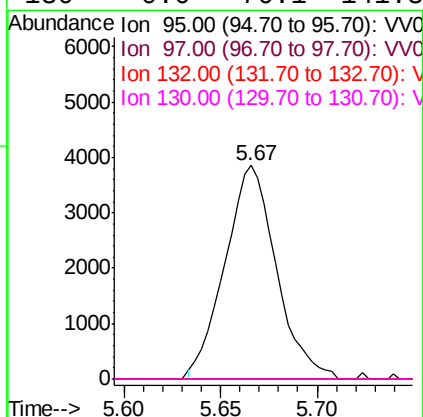
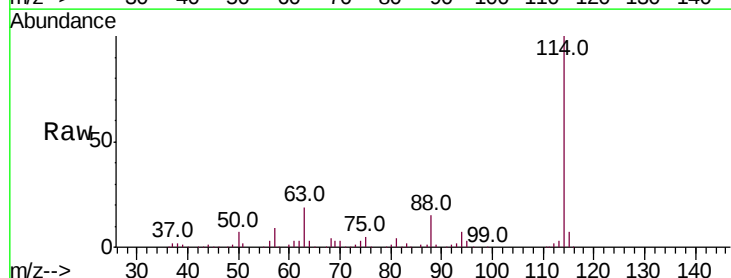
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MSVOA_V
ClientSampled :
BFC35

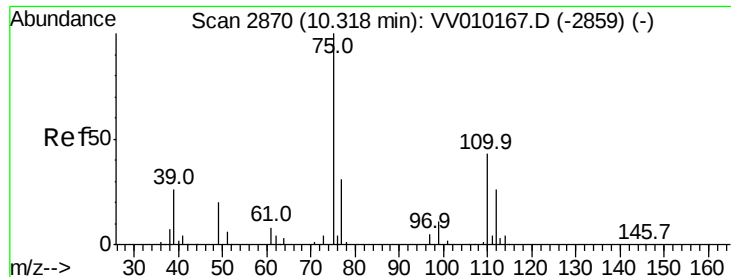
Tot Ion: 83 Resp: 5406
Ion Ratio Lower Upper
83 100
85 52.6 46.4 86.2



#35
Trichloroethene
Concen: 1.931 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010170.D
Acq: 08 Apr 2019 12:44

Tgt Ion: 95 Resp: 7106
Ion Ratio Lower Upper
95 100
97 1.1 45.8 85.2#
132 0.0 70.6 131.0#
130 0.0 76.1 141.3#





#59

1,2,3-Trichloropropane

Concen: 5.585 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010170.D

Acq: 08 Apr 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

BFC35

Tot Ion: 75 Resp: 14735

Ion Ratio Lower Upper

75 100

77 39.3 25.8 38.8#

