

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\
 Data File : VV008967.D
 Acq On : 15 Dec 2018 06:15
 Operator : SY/MD
 Sample : J6383-03
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0937

Quant Time: Dec 22 05:57:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 15 01:01:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208220	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195359	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93613	50.00	ug/L	0.00

System Monitoring Compounds

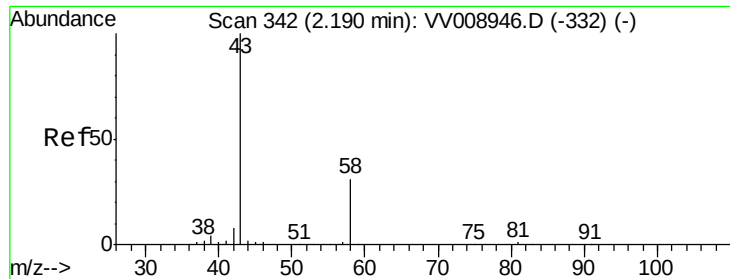
4) Vinyl Chloride-d3	1.32	65	46425	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.36%
7) Chloroethane-d5	1.56	69	37492	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.13	63	96475	33.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.20%
21) 2-Butanone-d5	3.93	46	89034	109.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.66%
24) Chloroform-d	4.41	84	120153	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.08	65	82199	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
32) Benzene-d6	5.10	84	247404	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.12	67	74788	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.56%
41) Toluene-d8	7.36	98	228117	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%
43) trans-1,3-Dichloropropene-	7.67	79	34530	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.13	63	59759	102.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91349	44.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	99512	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%

Target Compounds

					Ovalue
13) Acetone	2.19	43	23252	19.046	ug/L 100
51) Chlorobenzene	8.93	112	91773	23.344	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	17682	5.892	ug/L 95
63) 1,4-Dichlorobenzene	11.32	146	83297	27.566	ug/L 97
65) 1,2-Dichlorobenzene	11.69	146	642633	210.900	ug/L 99
68) 1,2,4-trichlorobenzene	13.31	180	93212	70.262	ug/L 98
70) 1,2,3-Trichlorobenzene	13.80	180	63906	47.835	ug/L 99

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

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ALS Vial : 46 Sample Multiplier: 1



#13

Acetone

Concen: 19.046 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

Instrument :

MSVOA_V

ClientSampled :

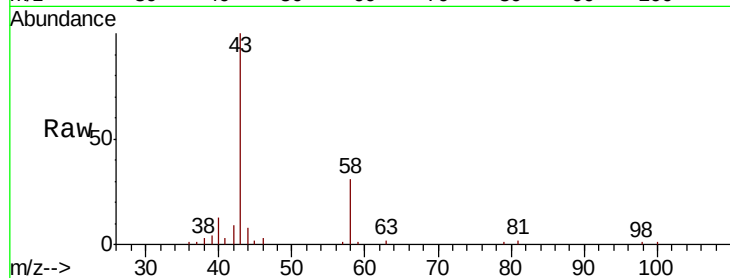
C0937

Tot Ion: 43 Resp: 23252

Ion Ratio Lower Upper

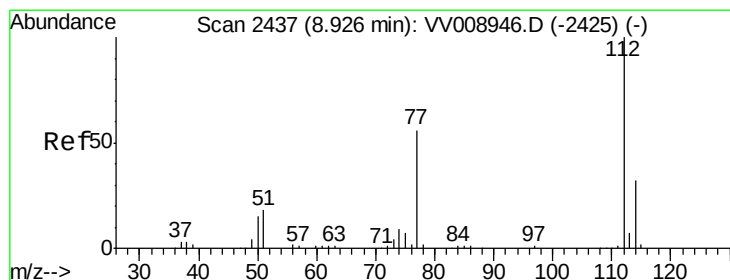
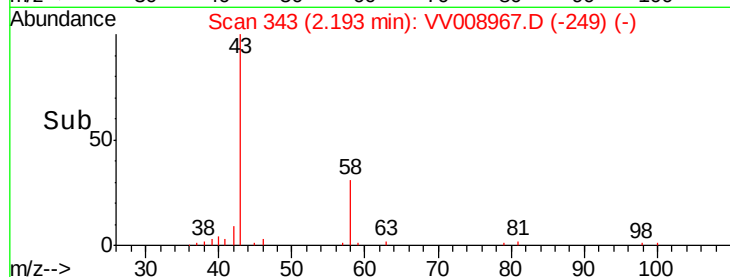
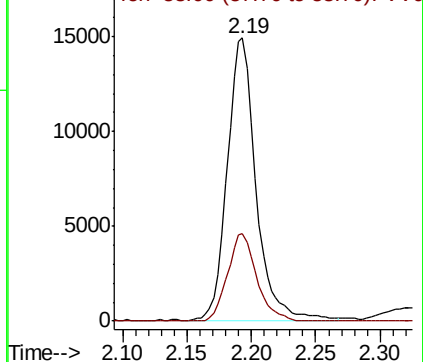
43 100

58 31.0 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VV008946.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV008946.D (-332) (-)



#51

Chlorobenzene

Concen: 23.344 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

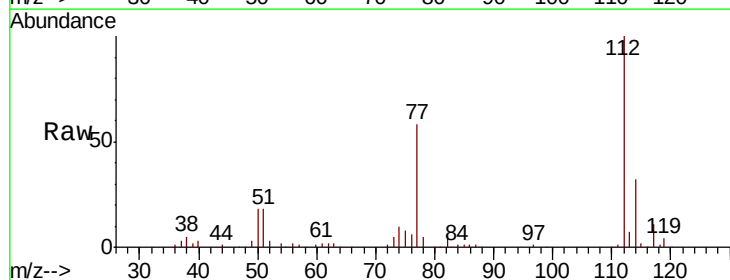
Tgt Ion: 112 Resp: 91773

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

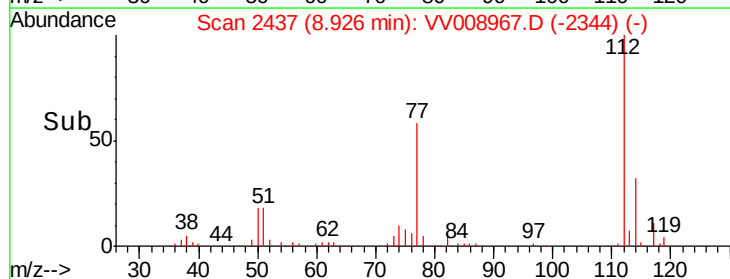
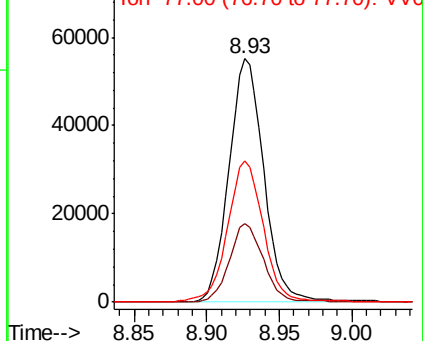
77 57.7 45.2 67.8

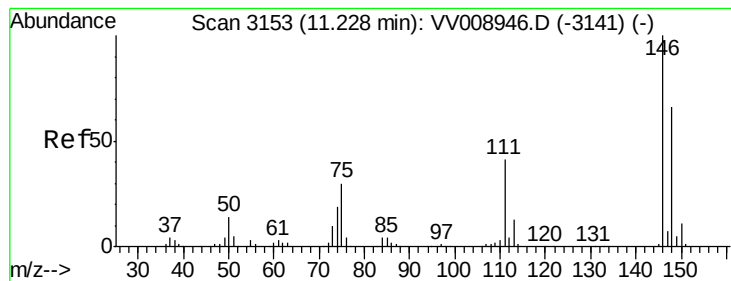


Abundance Ion 112.00 (111.70 to 112.70): VV008946.D (-2425) (-)

Ion 114.00 (113.70 to 114.70): VV008946.D (-2425) (-)

Ion 77.00 (76.70 to 77.70): VV008946.D (-2425) (-)





#62

1,3-Dichlorobenzene

Concen: 5.892 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

Instrument :

MSVOA_V

ClientSampleId :

C0937

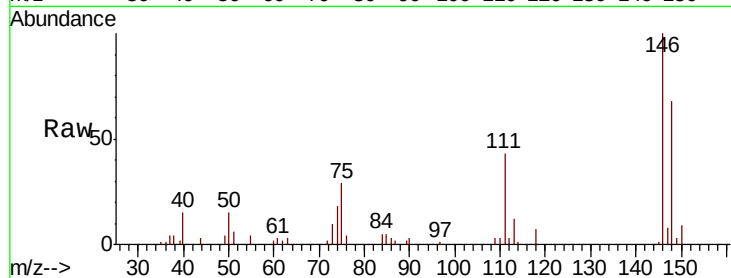
Tot Ion:146 Resp: 17682

Ion Ratio Lower Upper

146 100

111 43.4 28.3 52.7

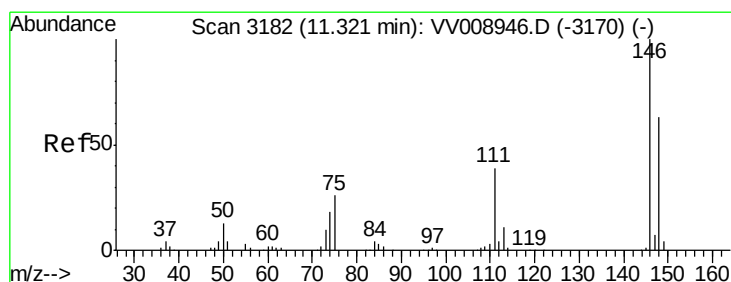
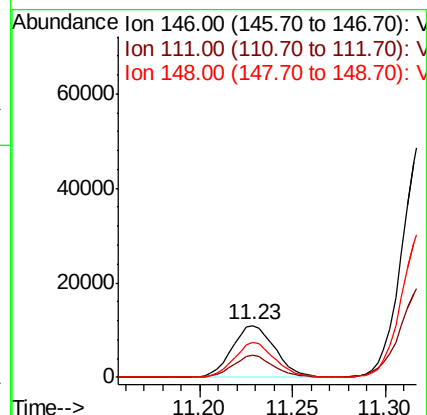
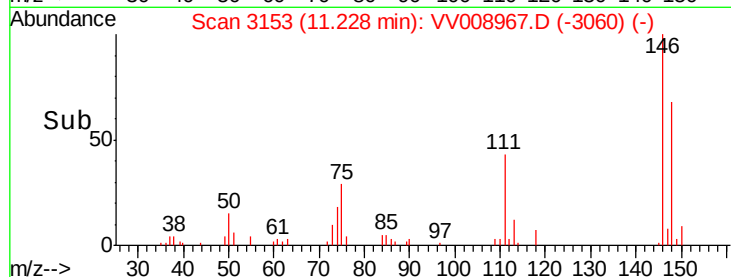
148 68.0 44.9 83.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 27.566 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV008967.D

Acq: 15 Dec 2018 06:15

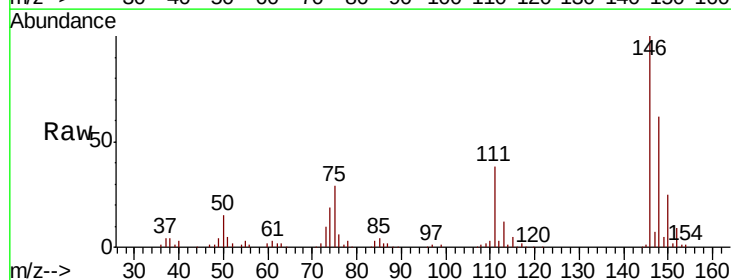
Tgt Ion:146 Resp: 83297

Ion Ratio Lower Upper

146 100

111 38.1 27.9 51.9

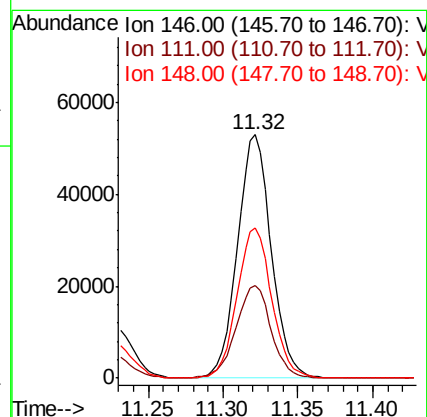
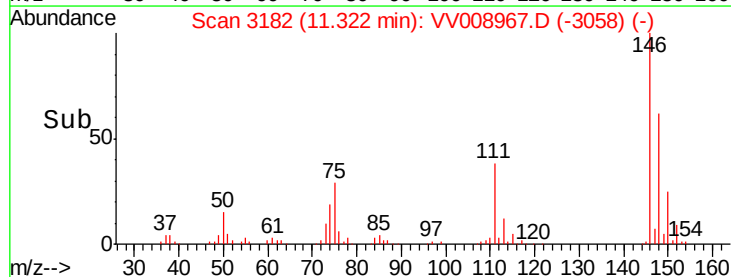
148 61.6 45.2 84.0

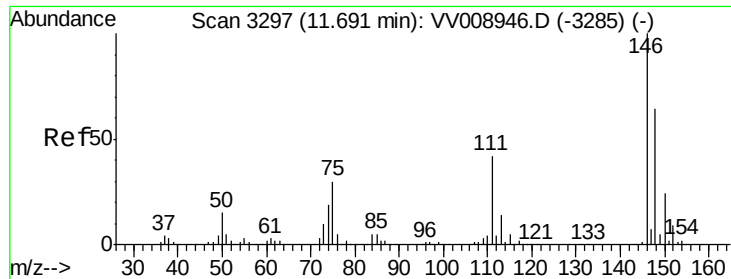


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

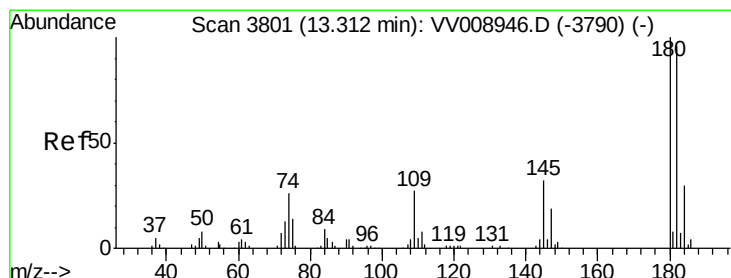
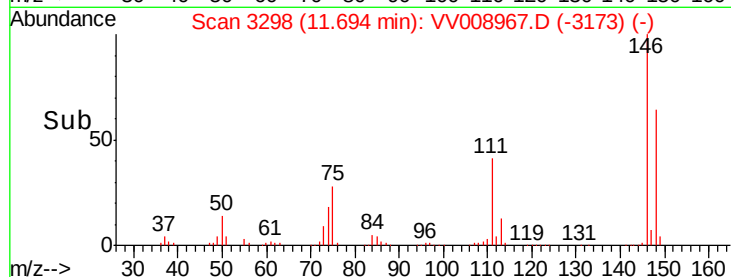
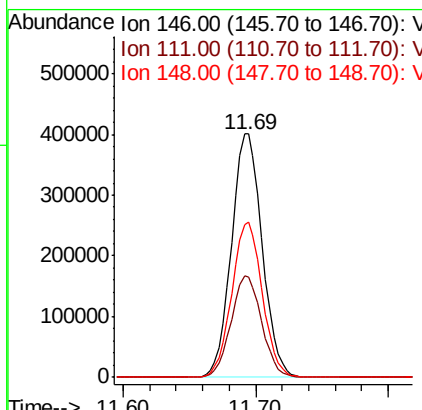
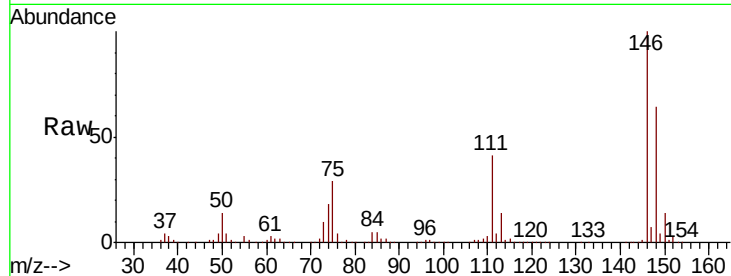




#65
 1,2-Dichlorobenzene
 Concen: 210.900 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

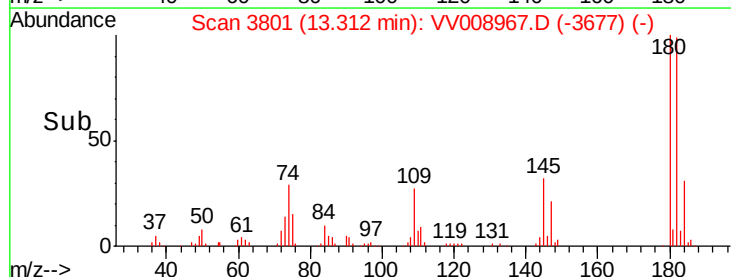
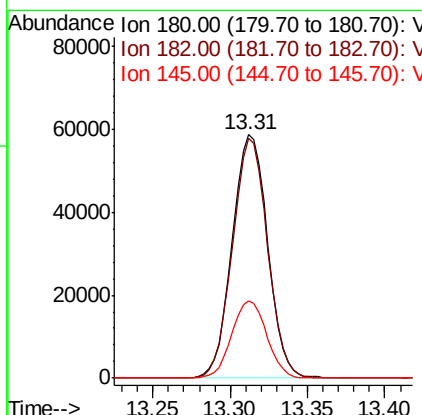
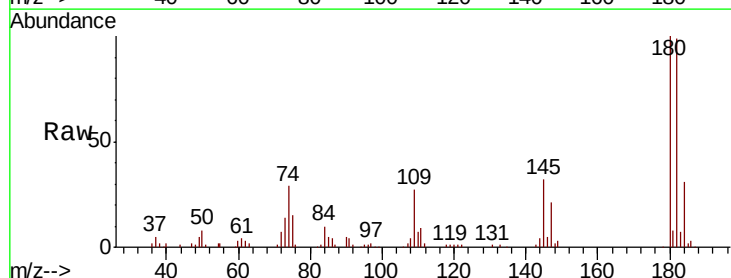
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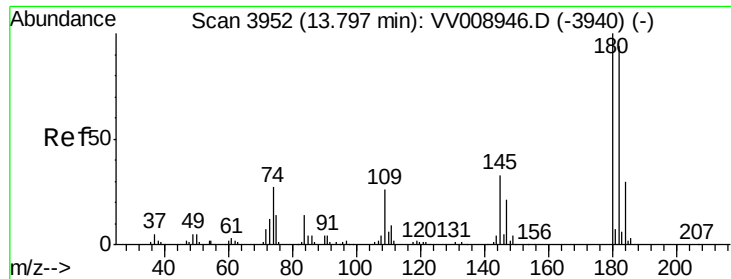
Tot Ion:146 Resp: 642633
 Ion Ratio Lower Upper
 146 100
 111 41.1 32.8 49.2
 148 63.7 50.5 75.7



#68
 1,2,4-trichlorobenzene
 Concen: 70.262 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

Tgt Ion:180 Resp: 93212
 Ion Ratio Lower Upper
 180 100
 182 97.2 75.7 113.5
 145 31.5 25.0 37.4

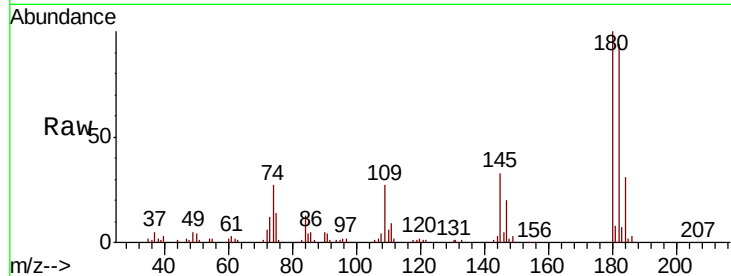




#70
 1,2,3-Trichlorobenzene
 Concen: 47.835 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV008967.D
 Acq: 15 Dec 2018 06:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0937

Tot Ion:180 Resp: 63906
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.6 115.0
 145 33.8 26.1 39.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

