

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007884.D
 Acq On : 26 Sep 2018 15:22
 Operator : SY/MD
 Sample : J5036-02
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08W6

Quant Time: Sep 27 05:19:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 27 04:55:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	178619	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	172482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46435	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.94%
7) Chloroethane-d5	1.59	69	43758	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.50%
11) 1,1-Dichloroethene-d2	2.14	63	81129	34.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.00%
21) 2-Butanone-d5	3.96	46	28986	38.41	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	38.41%#
24) Chloroform-d	4.41	84	107784	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
26) 1,2-Dichloroethane-d4	5.09	65	80735	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
32) Benzene-d6	5.11	84	219186	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
36) 1,2-Dichloropropane-d6	6.13	67	69500	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.37	98	208730	44.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.66%
43) trans-1,3-Dichloropropene-	7.67	79	30424	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.36%
47) 2-Hexanone-d5	8.14	63	51359	84.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.07%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	99310	46.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	95197	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

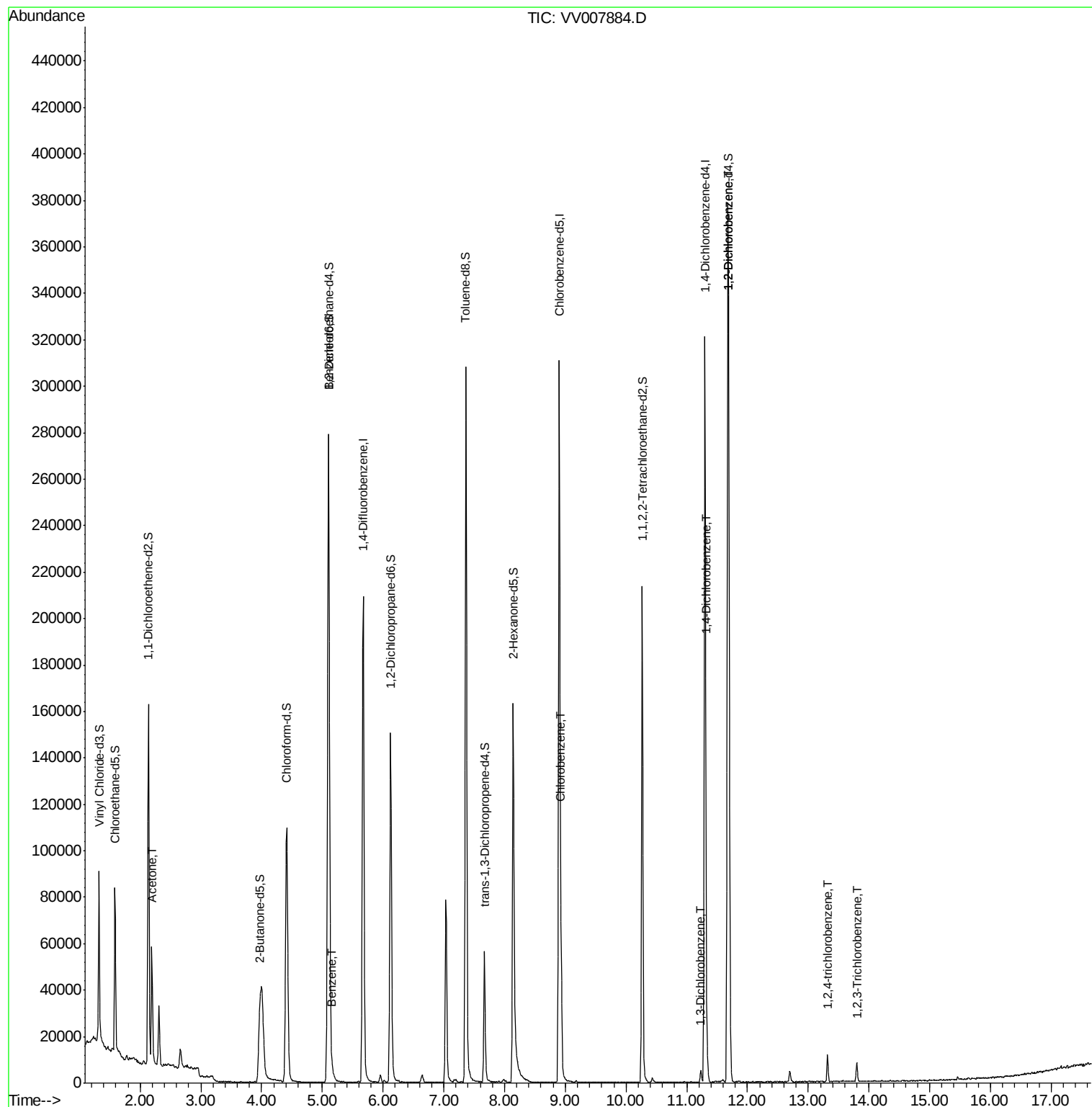
					Ovalue
13) Acetone	2.19	43	47446	52.189	ug/L 100
33) Benzene	5.16	78	4184	0.902	ug/L 100
51) Chlorobenzene	8.93	112	27889	7.710	ug/L 98
62) 1,3-Dichlorobenzene	11.23	146	2207	0.786	ug/L 95
63) 1,4-Dichlorobenzene	11.32	146	6571	2.202	ug/L 94
65) 1,2-Dichlorobenzene	11.69	146	80009	27.460	ug/L 99
68) 1,2,4-trichlorobenzene	13.32	180	4209	2.108	ug/L 96
70) 1,2,3-Trichlorobenzene	13.80	180	3090	1.528	ug/L 98

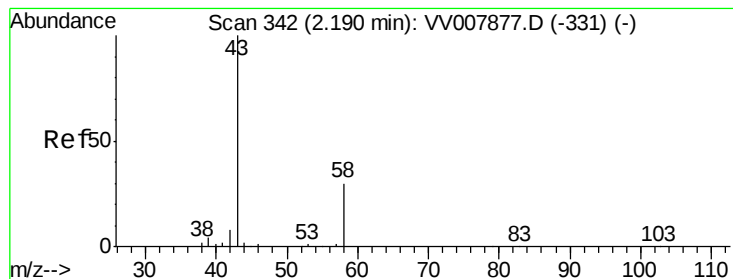
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration





#13

Acetone

Concen: 52.189 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007884.D

Acq: 26 Sep 2018 15:22

Instrument :

MSVOA_V

ClientSampleId :

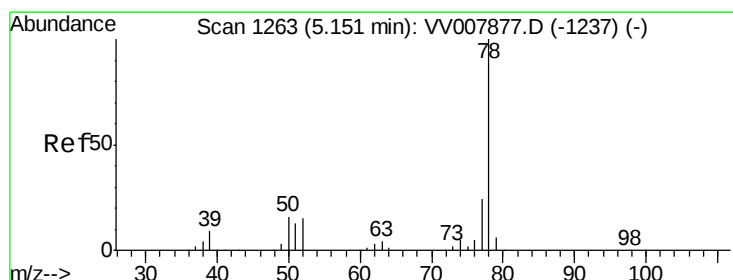
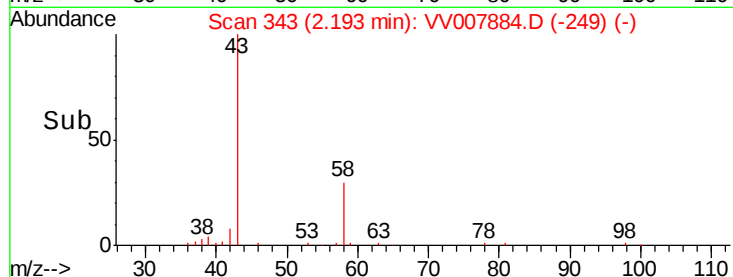
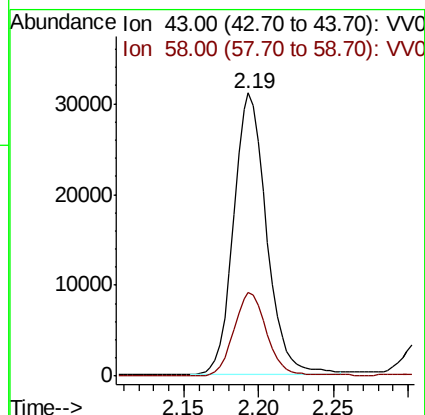
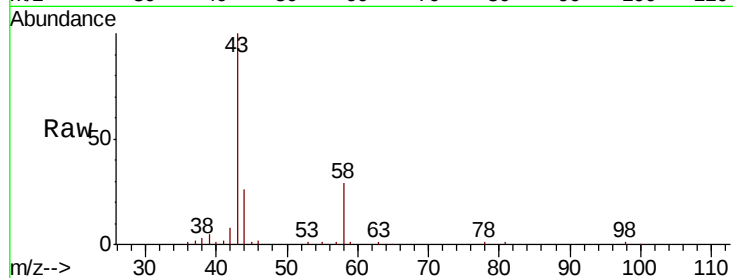
C08W6

Tot Ion: 43 Resp: 47446

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.4



#33

Benzene

Concen: 0.902 ug/L

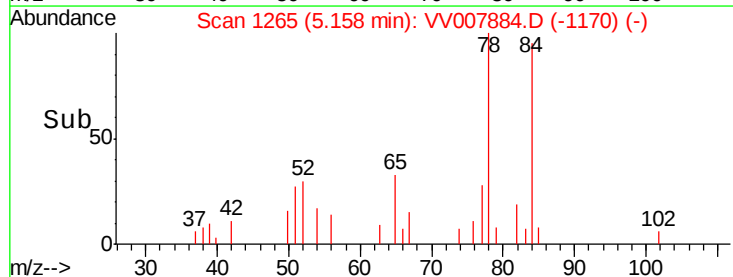
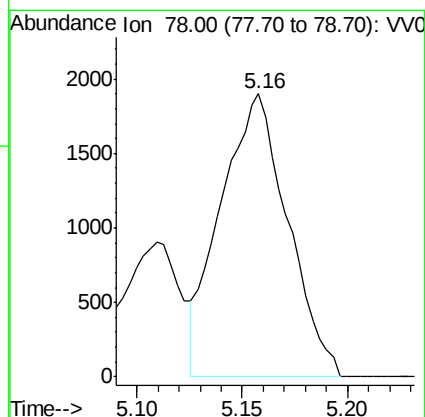
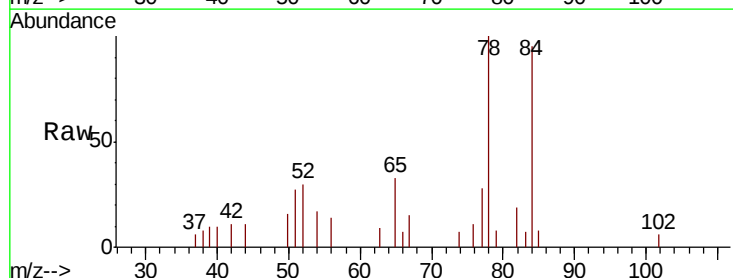
RT: 5.16 min Scan# 1265

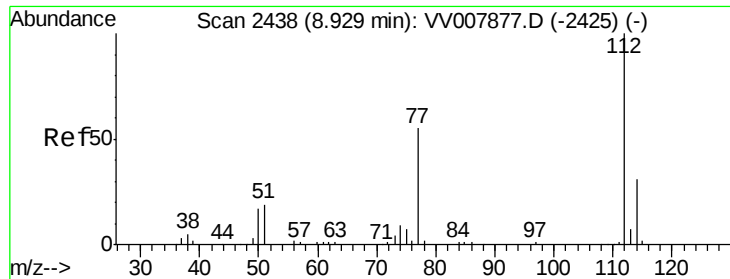
Delta R.T. 0.01 min

Lab File: VV007884.D

Acq: 26 Sep 2018 15:22

Tgt Ion: 78 Resp: 4184





#51

Chlorobenzene

Concen: 7.710 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007884.D

Acq: 26 Sep 2018 15:22

Instrument :

MSVOA_V

ClientSampled :

C08W6

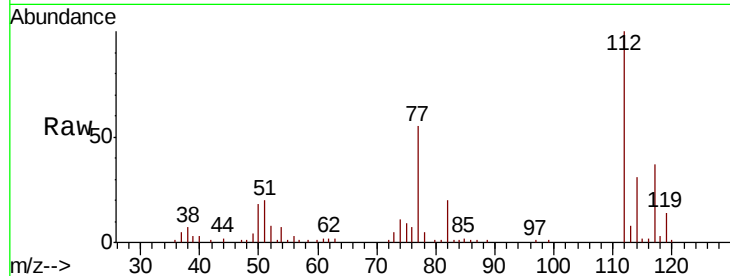
Tot Ion:112 Resp: 27889

Ion Ratio Lower Upper

112 100

114 30.9 22.3 41.5

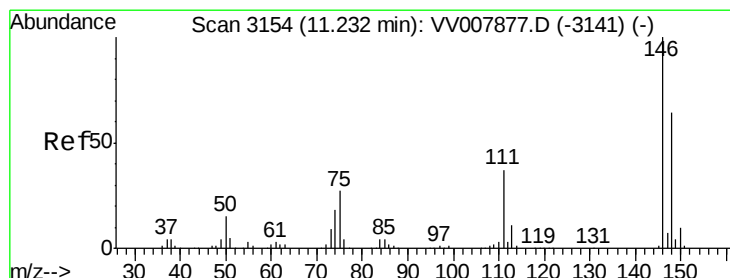
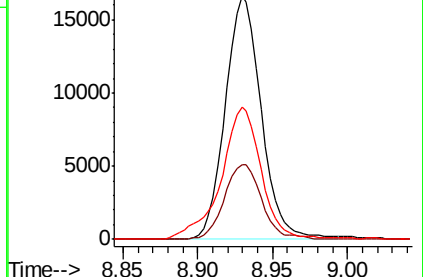
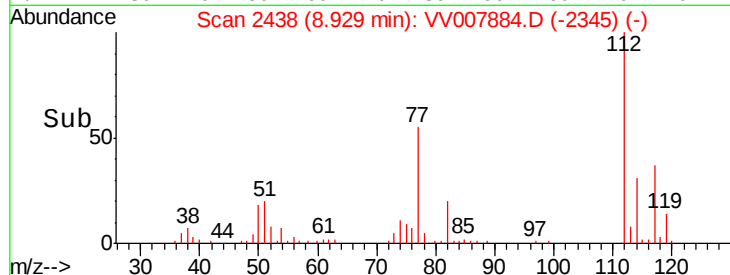
77 54.6 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3-Dichlorobenzene

Concen: 0.786 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007884.D

Acq: 26 Sep 2018 15:22

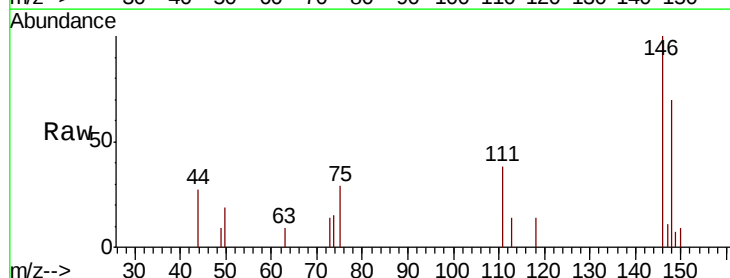
Tgt Ion:146 Resp: 2207

Ion Ratio Lower Upper

146 100

111 37.9 25.6 47.4

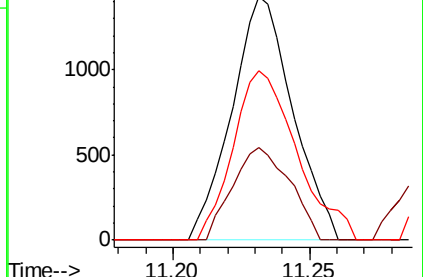
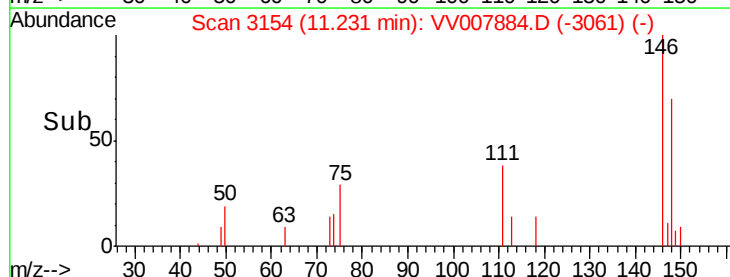
148 69.7 45.4 84.2

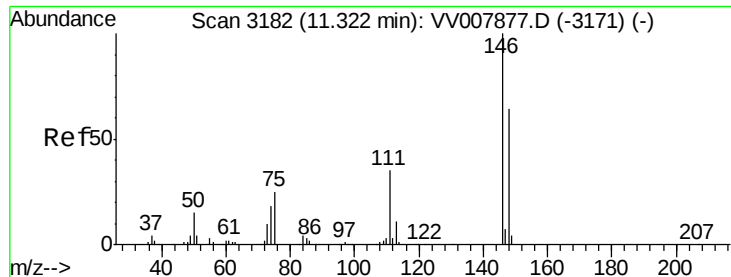


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

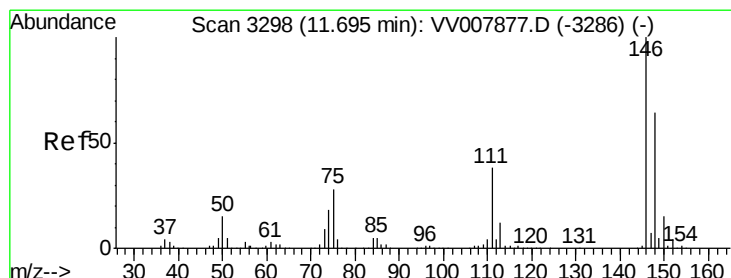
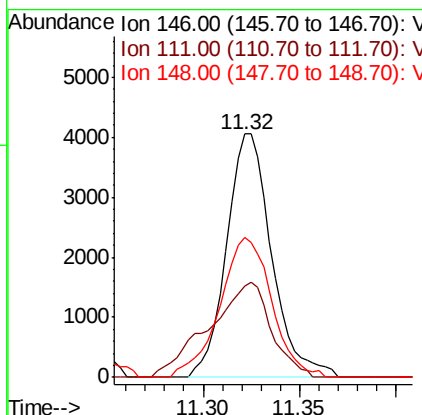
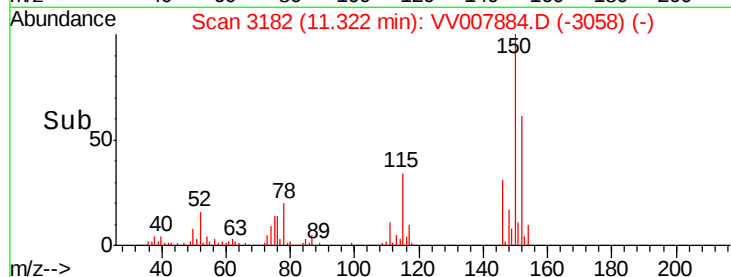
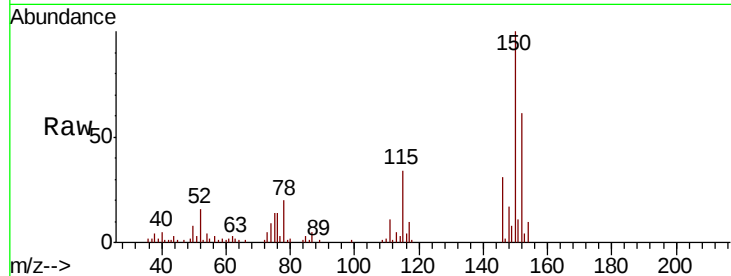




#63
 1,4-Dichlorobenzene
 Concen: 2.202 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV007884.D
 Acq: 26 Sep 2018 15:22

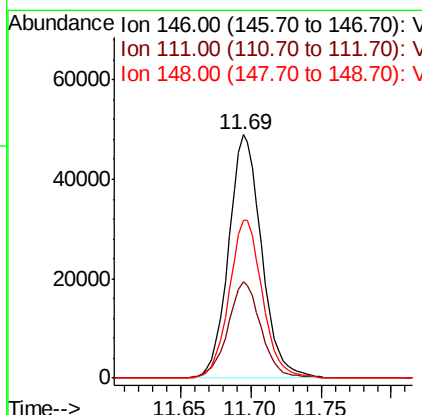
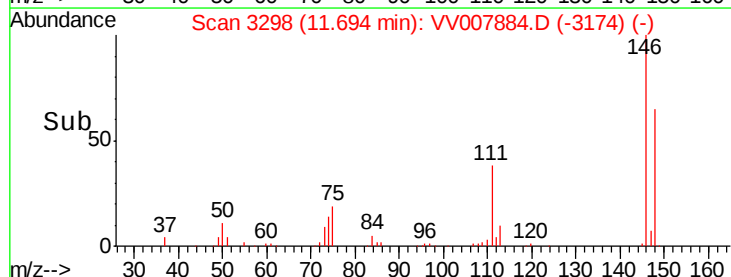
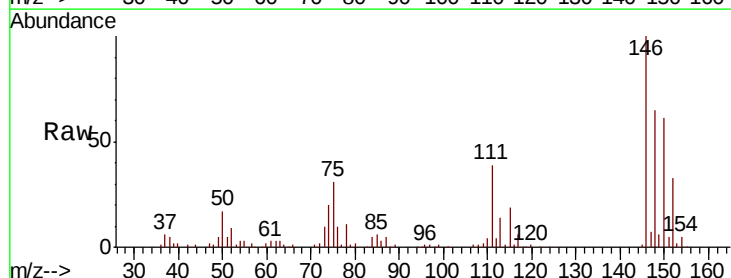
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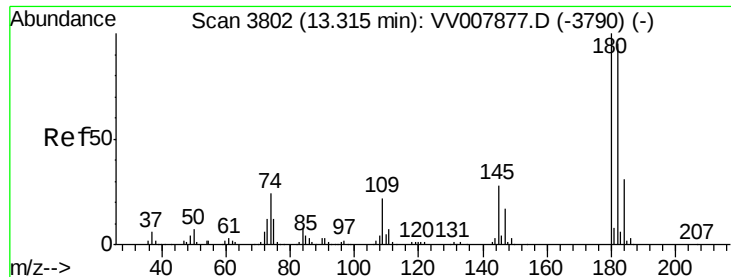
Tot Ion:146 Resp: 6571
 Ion Ratio Lower Upper
 146 100
 111 37.3 25.2 46.8
 148 57.3 44.2 82.0



#65
 1,2-Dichlorobenzene
 Concen: 27.460 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007884.D
 Acq: 26 Sep 2018 15:22

Tgt Ion:146 Resp: 80009
 Ion Ratio Lower Upper
 146 100
 111 39.3 31.2 46.8
 148 65.0 51.5 77.3

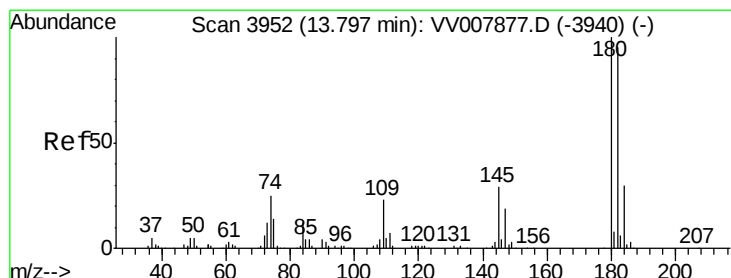
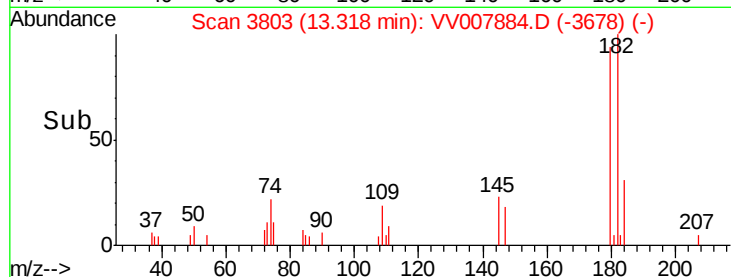
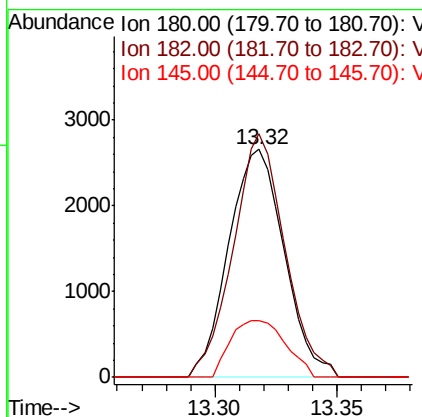
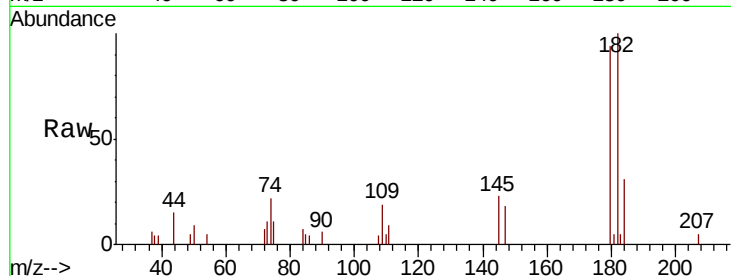




#68
 1,2,4-trichlorobenzene
 Concen: 2.108 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007884.D
 Acq: 26 Sep 2018 15:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C08W6

Tot Ion:180 Resp: 4209
 Ion Ratio Lower Upper
 180 100
 182 99.0 76.6 115.0
 145 24.7 22.7 34.1



#70
 1,2,3-Trichlorobenzene
 Concen: 1.528 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV007884.D
 Acq: 26 Sep 2018 15:22

Tgt Ion:180 Resp: 3090
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.7 115.1
 145 26.4 23.6 35.4

