

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\
 Data File : VV008980.D
 Acq On : 17 Dec 2018 15:17
 Operator : SY/MD
 Sample : J6383-02 100X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0935

Quant Time: Dec 18 02:59:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 18 01:46:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	215661	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202375	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100434	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58500	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.56	69	47749	60.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.48%
11) 1,1-Dichloroethene-d2	2.13	63	110935	37.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.60%
21) 2-Butanone-d5	3.93	46	92595	110.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.12%
24) Chloroform-d	4.41	84	128190	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	84950	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
32) Benzene-d6	5.10	84	264534	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
36) 1,2-Dichloropropane-d6	6.12	67	80563	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.36	98	248926	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%
43) trans-1,3-Dichloropropene-	7.67	79	38816	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.40%
47) 2-Hexanone-d5	8.13	63	67945	112.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101420	47.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	102582	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%

Target Compounds

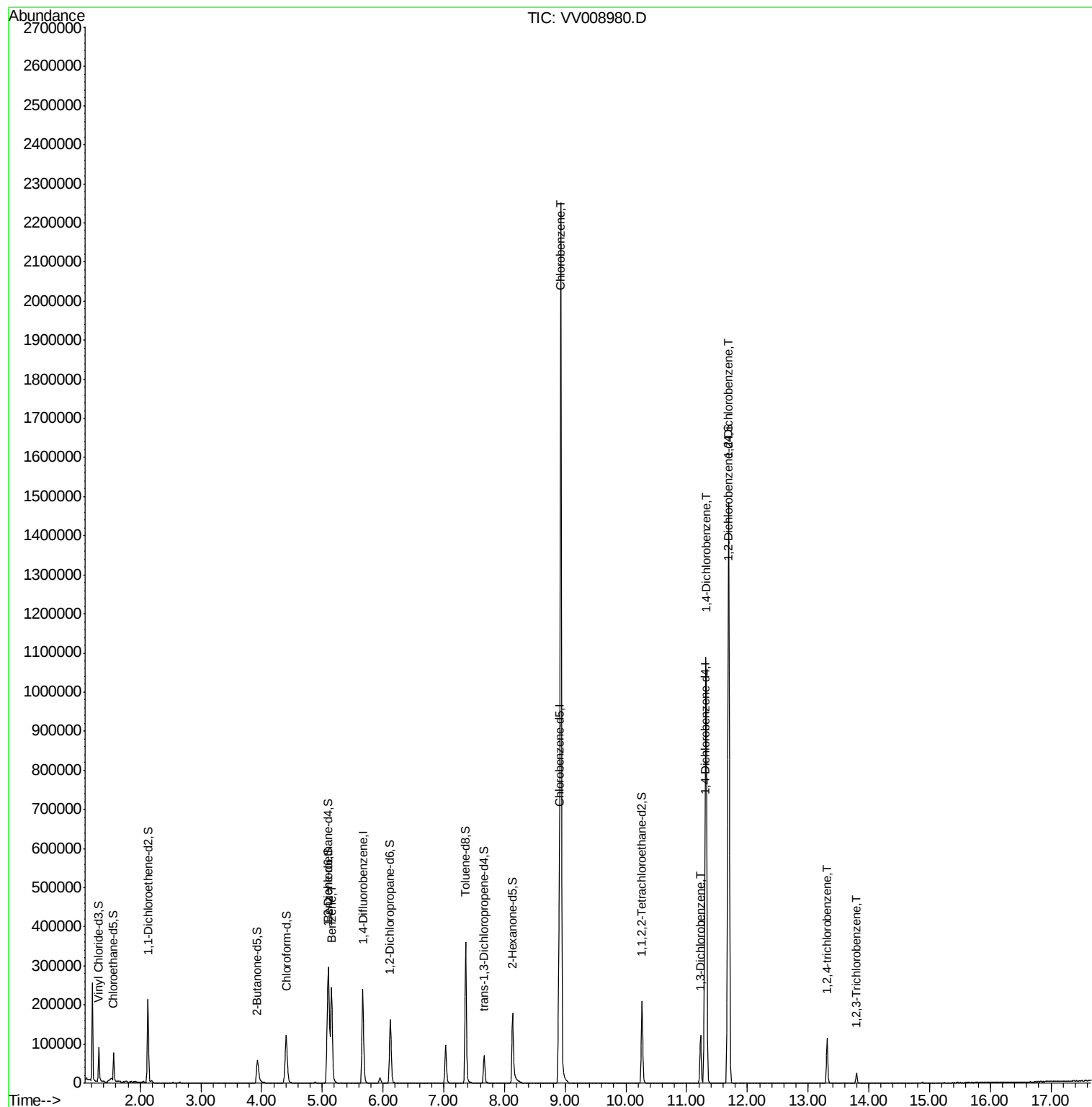
					Qvalue
33) Benzene	5.15	78	247492	44.366 ug/L	100
51) Chlorobenzene	8.93	112	1223501	300.426 ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	51170	15.893 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	449520	138.657 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	575813	176.137 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	37405	26.281 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	8527	5.949 ug/L	99

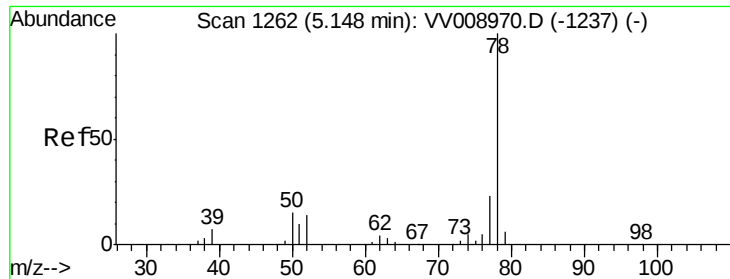
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 44.366 ug/L

RT: 5.15 min Scan# 1263

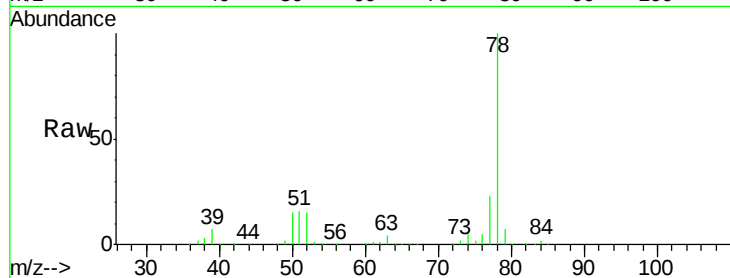
Delta R.T. 0.00 min

Lab File: VV008980.D

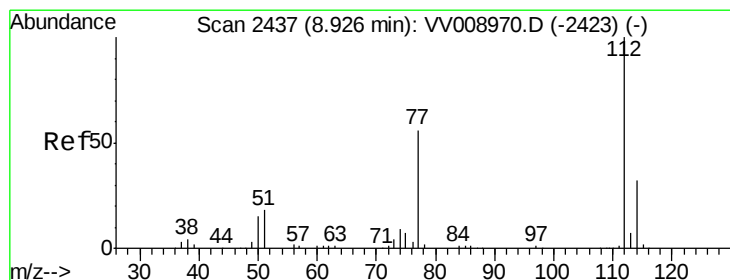
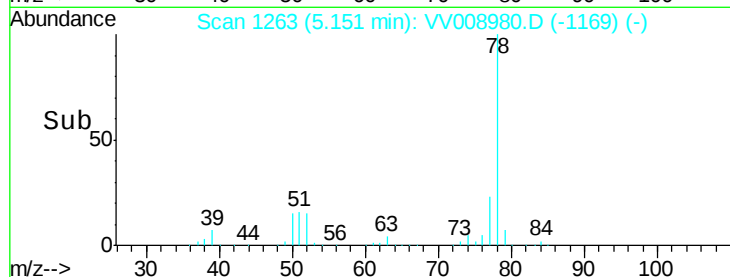
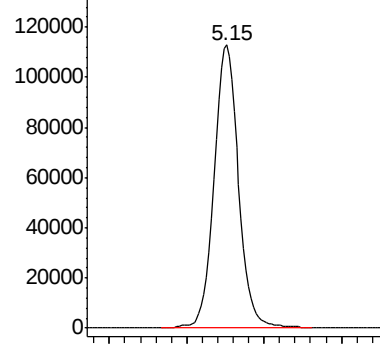
Acq: 17 Dec 2018 15:17

Instrument :
MSVOA_V
ClientSampled :
C0935

Tgt Ion: 78 Resp: 247492



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 300.426 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV008980.D

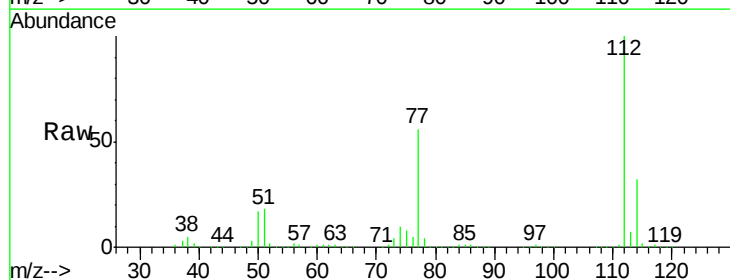
Acq: 17 Dec 2018 15:17

Tgt Ion: 112 Resp: 1223501

Ion	Ratio	Lower	Upper
112	100		

114	32.2	22.3	41.5
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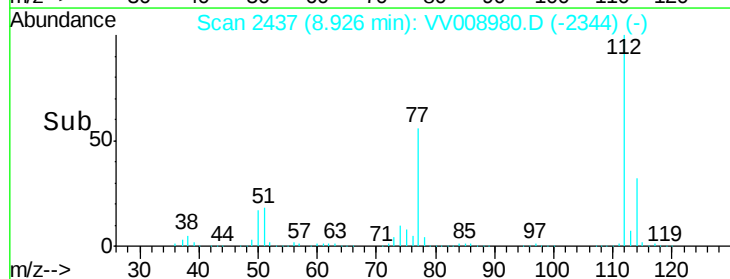
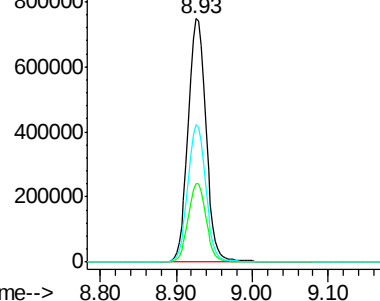
77	56.2	45.2	67.8
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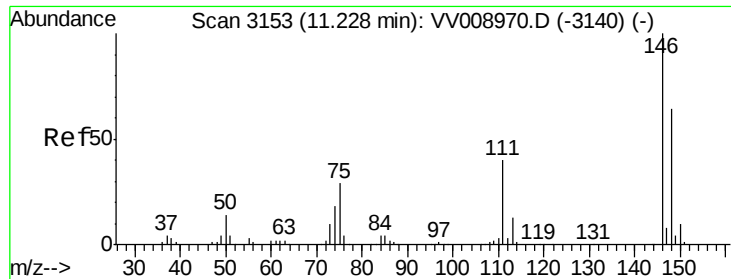


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

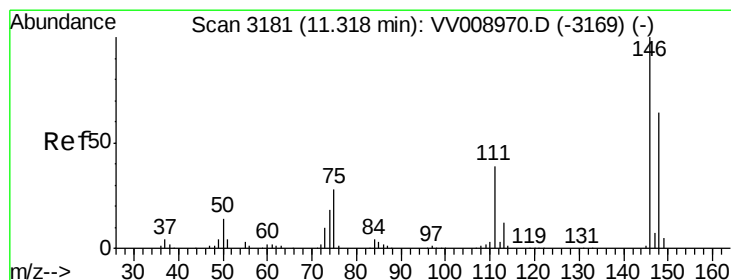
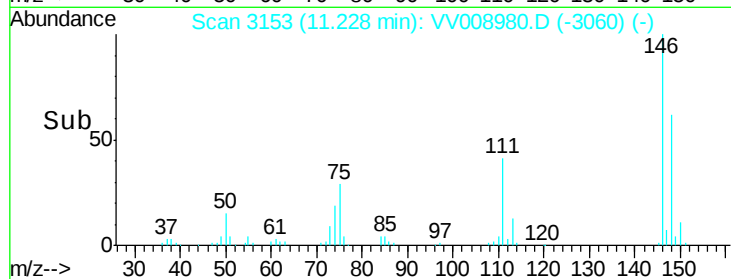
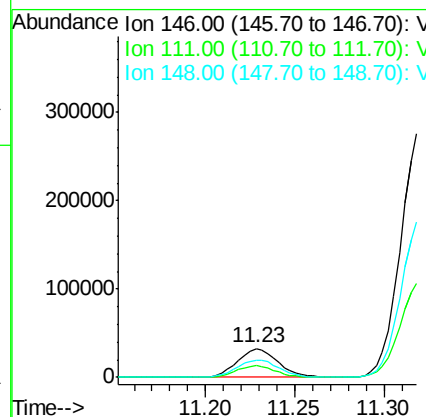
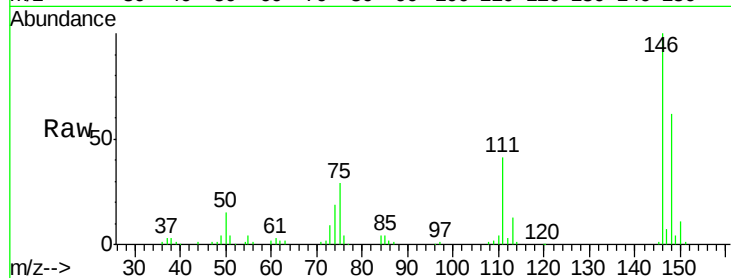




#62
 1,3-Dichlorobenzene
 Concen: 15.893 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV008980.D
 Acq: 17 Dec 2018 15:17

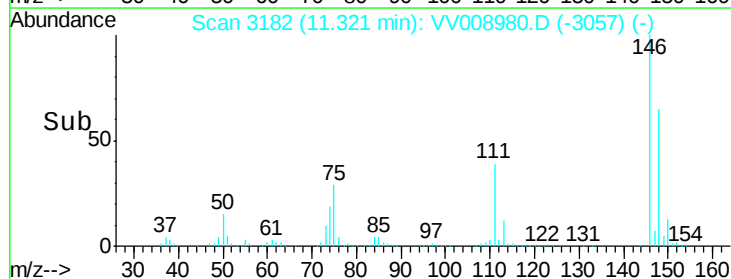
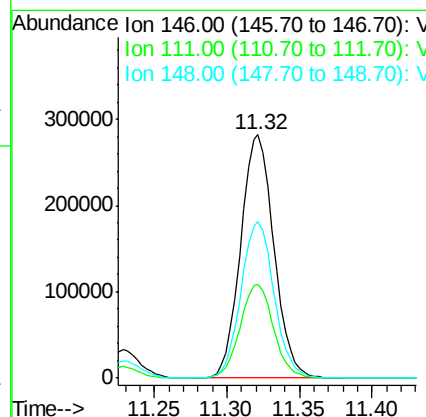
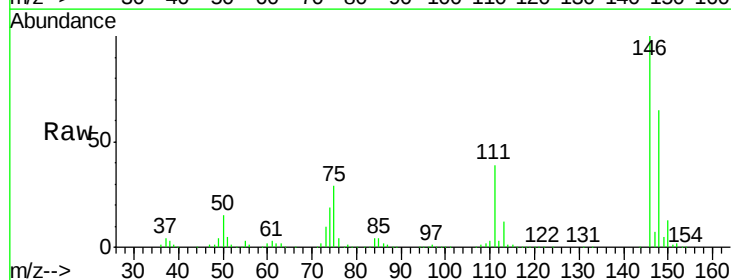
Instrument :
 MSVOA_V
 ClientSampled :
 C0935

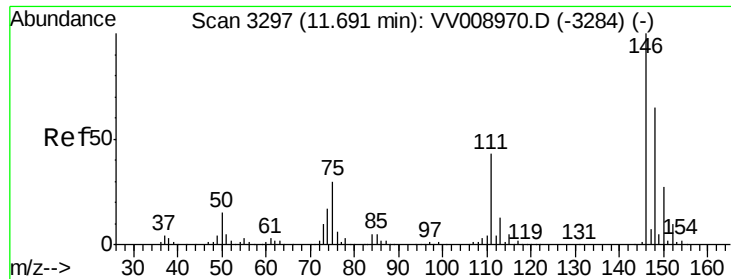
Tgt Ion:146 Resp: 51170
 Ion Ratio Lower Upper
 146 100
 111 40.7 28.3 52.7
 148 61.8 44.9 83.5



#63
 1,4-Dichlorobenzene
 Concen: 138.657 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008980.D
 Acq: 17 Dec 2018 15:17

Tgt Ion:146 Resp: 449520
 Ion Ratio Lower Upper
 146 100
 111 38.5 27.9 51.9
 148 64.5 45.2 84.0





#65

1,2-Dichlorobenzene

Concen: 176.137 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008980.D

Acq: 17 Dec 2018 15:17

Instrument :

MSVOA_V

ClientSampleId :

C0935

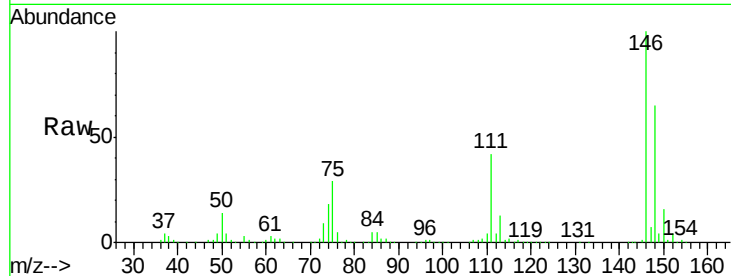
Tgt Ion:146 Resp: 575813

Ion Ratio Lower Upper

146 100

111 41.7 32.8 49.2

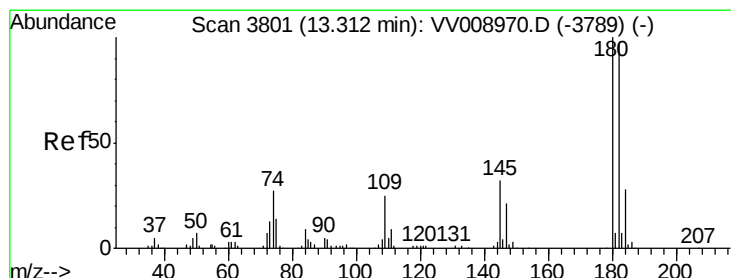
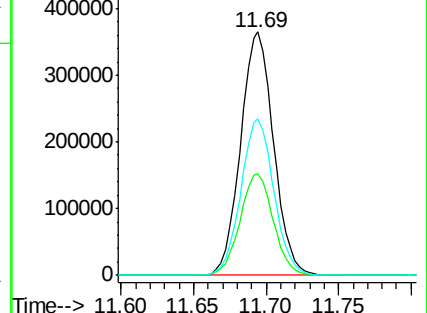
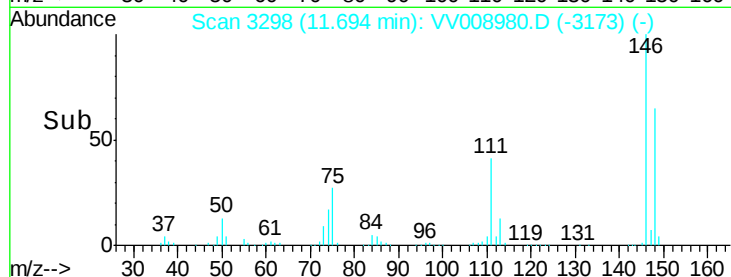
148 64.5 50.5 75.7



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



#68

1,2,4-trichlorobenzene

Concen: 26.281 ug/L

RT: 13.31 min Scan# 3801

Delta R.T. -0.00 min

Lab File: VV008980.D

Acq: 17 Dec 2018 15:17

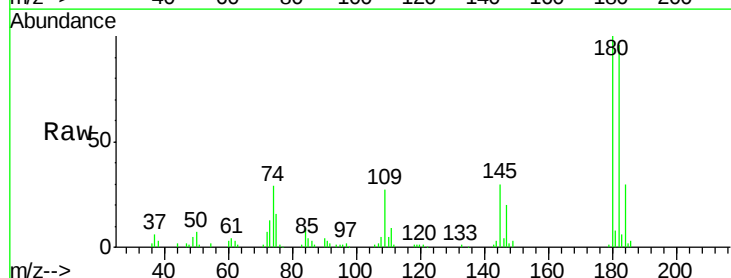
Tgt Ion:180 Resp: 37405

Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

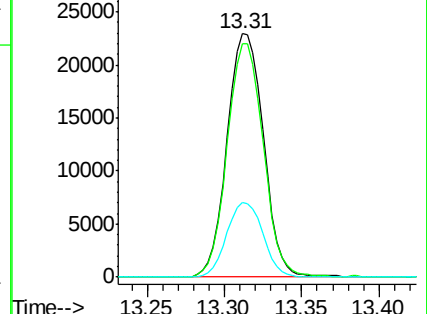
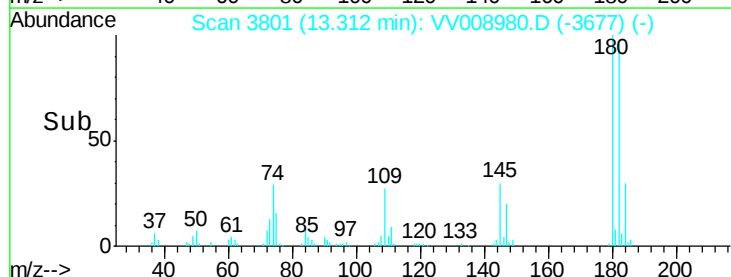
145 30.4 25.0 37.4

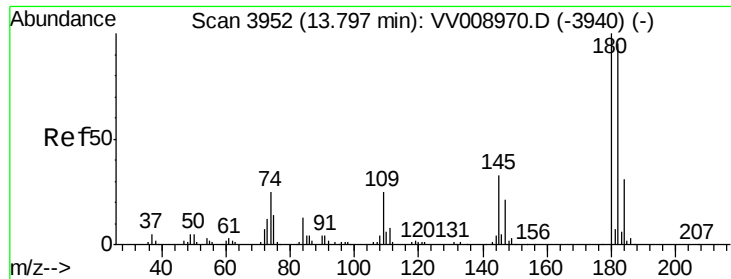


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 5.949 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008980.D
 Acq: 17 Dec 2018 15:17

Instrument :
 MSVOA_V
 ClientSampleId :
 C0935

Tgt Ion:	180	Resp:	8527
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	115.0
145	31.6	26.1	39.1

