

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112618\
 Data File : VV008713.D
 Acq On : 26 Nov 2018 14:23
 Operator : SY/MD
 Sample : J6036-02
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0925

Quant Time: Nov 27 03:36:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 27 03:11:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	286210	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80223	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.46%
7) Chloroethane-d5	1.57	69	59637	54.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.14%
11) 1,1-Dichloroethene-d2	2.13	63	110852	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.93	46	136284	82.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.81%
24) Chloroform-d	4.41	84	172878	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.54%
26) 1,2-Dichloroethane-d4	5.08	65	116674	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
32) Benzene-d6	5.10	84	367595	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
36) 1,2-Dichloropropane-d6	6.12	67	116826	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.12%
41) Toluene-d8	7.36	98	329918	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloropropene-	7.67	79	48722	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.96%
47) 2-Hexanone-d5	8.13	63	90855	78.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	145719	41.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.32%
64) 1,2-Dichlorobenzene-d4	11.67	152	117272	48.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.42%

Target Compounds

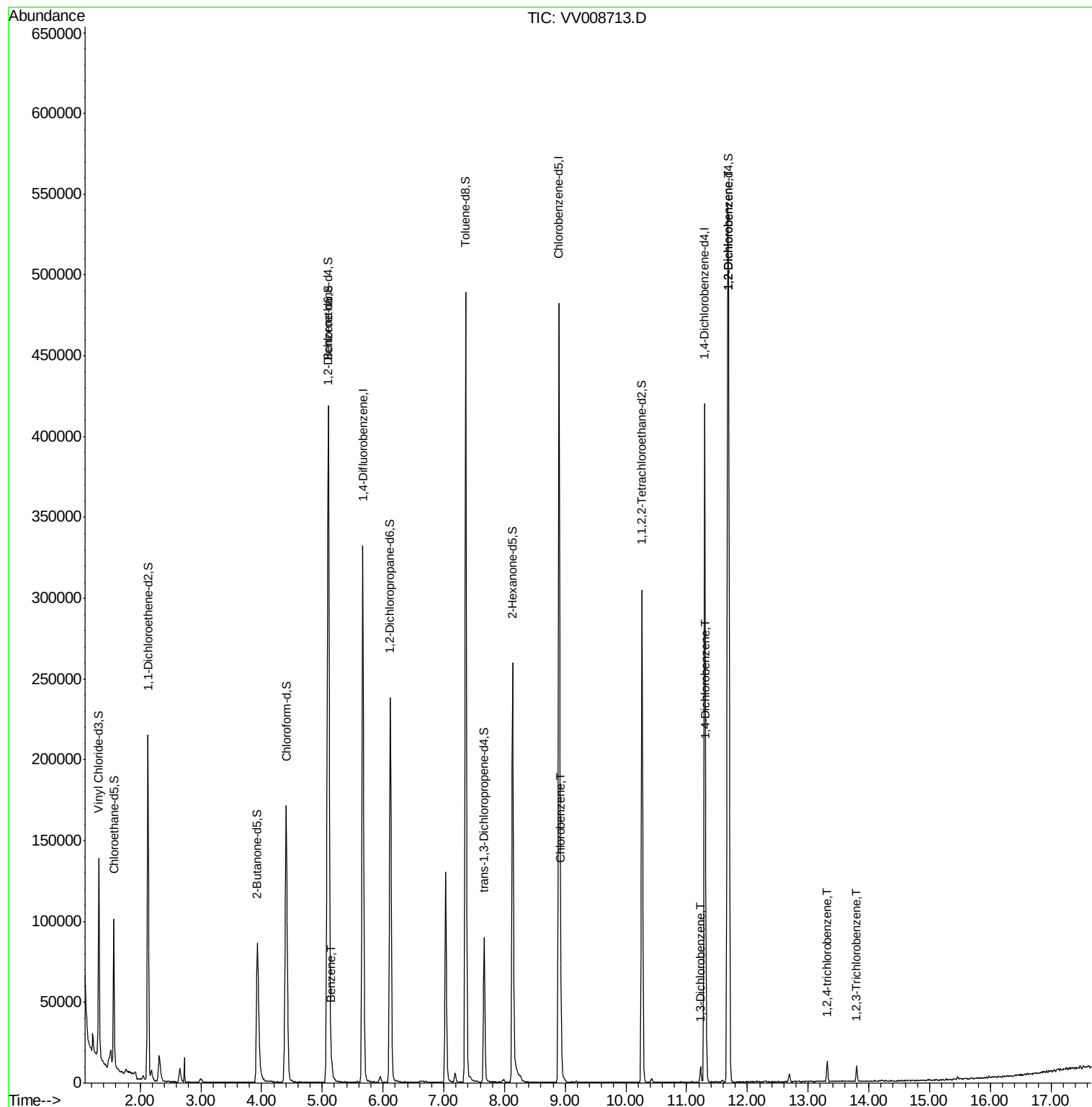
					Ovalue
33) Benzene	5.15	78	6983	0.824 ug/L	100
51) Chlorobenzene	8.93	112	27040	4.820 ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	3800	1.018 ug/L #	80
63) 1,4-Dichlorobenzene	11.32	146	5893	1.548 ug/L	93
65) 1,2-Dichlorobenzene	11.69	146	144305	37.439 ug/L	96
68) 1,2,4-trichlorobenzene	13.32	180	4059	2.057 ug/L #	90
70) 1,2,3-Trichlorobenzene	13.80	180	3164	1.560 ug/L	93

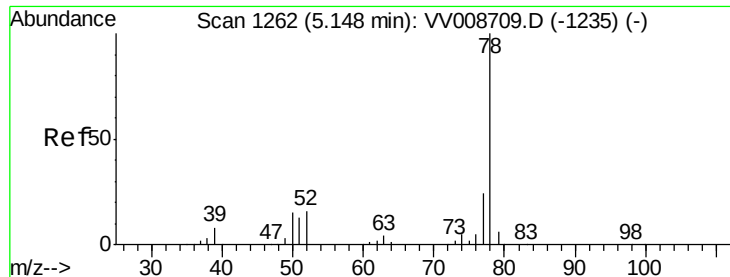
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112618\
Data File : VV008713.D
Acq On : 26 Nov 2018 14:23
Operator : SY/MD
Sample : J6036-02
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0925

Quant Time: Nov 27 03:36:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration





#33

Benzene

Concen: 0.824 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008713.D

Acq: 26 Nov 2018 14:23

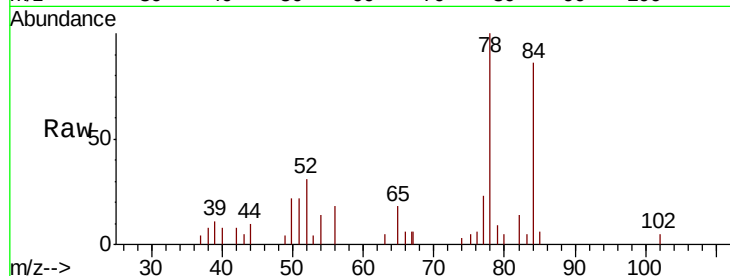
Instrument :

MSVOA_V

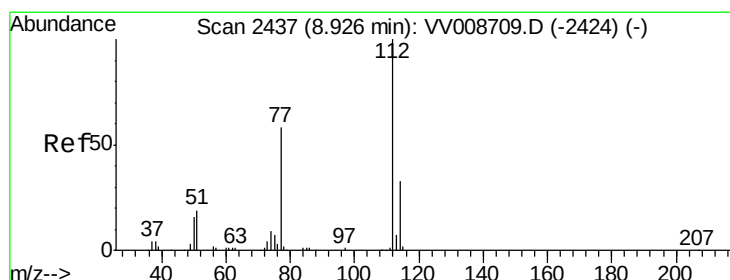
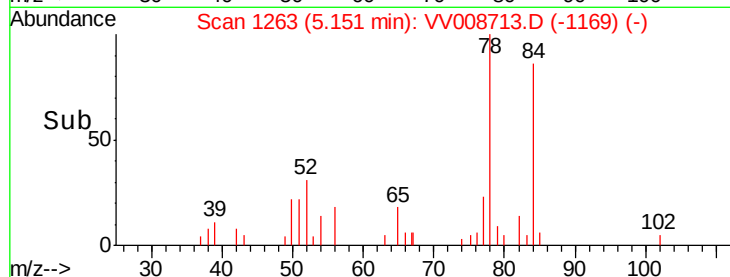
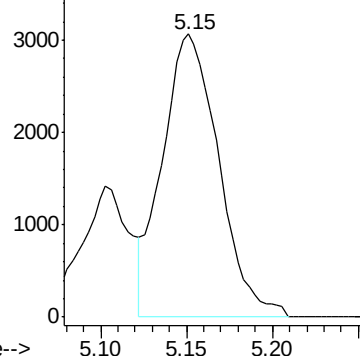
ClientSampled :

C0925

Tgt Ion: 78 Resp: 6983



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 4.820 ug/L

RT: 8.93 min Scan# 2438

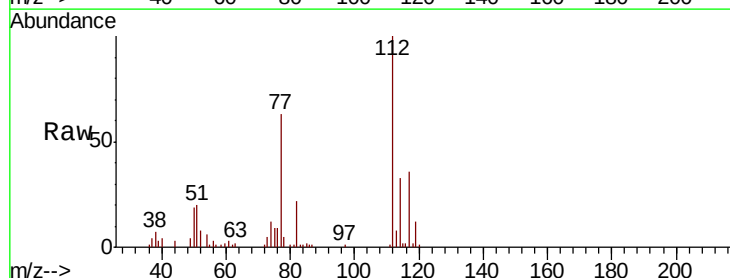
Delta R.T. 0.00 min

Lab File: VV008713.D

Acq: 26 Nov 2018 14:23

Tgt Ion: 112 Resp: 27040

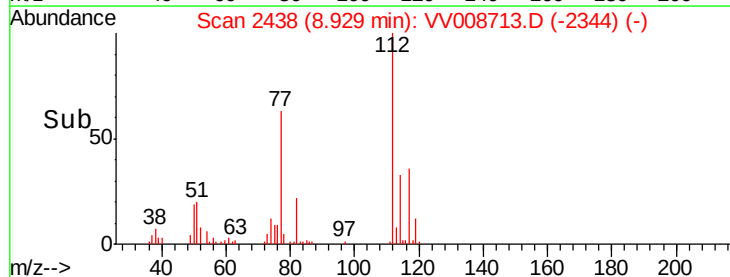
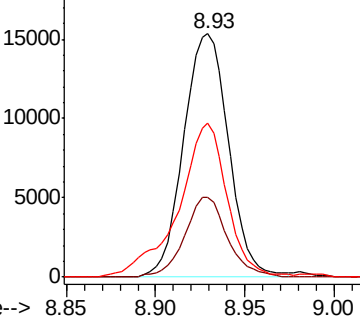
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.9	42.5
77	63.0	53.8	80.6

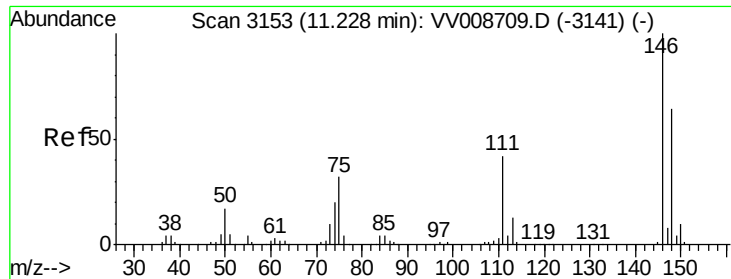


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

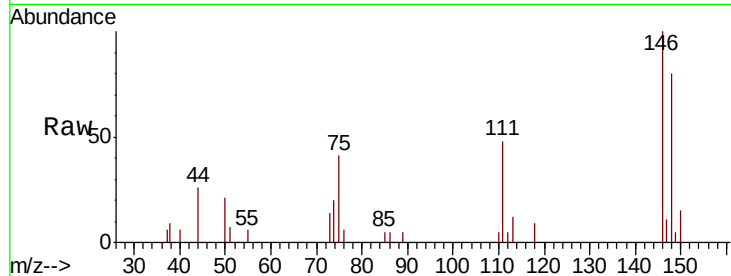




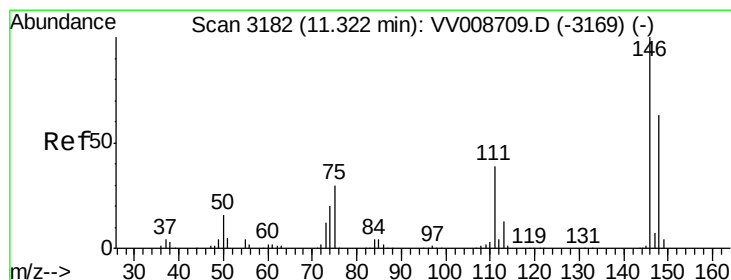
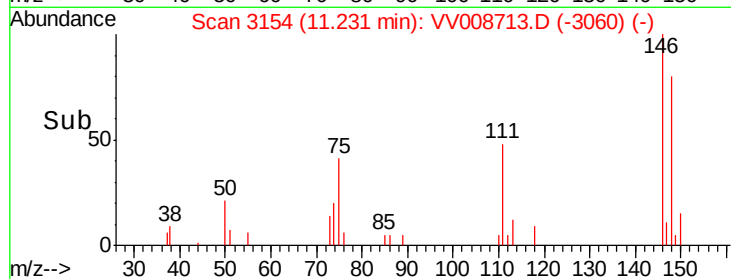
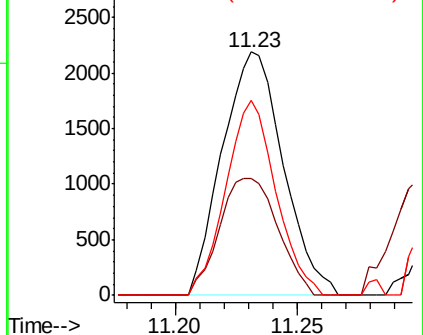
#62
 1,3-Dichlorobenzene
 Concen: 1.018 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV008713.D
 Acq: 26 Nov 2018 14:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0925

Tot Ion:146 Resp: 3800
 Ion Ratio Lower Upper
 146 100
 111 47.9 27.9 51.7
 148 80.1 42.7 79.3#

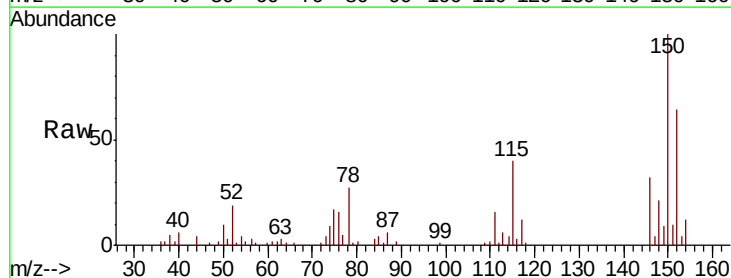


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

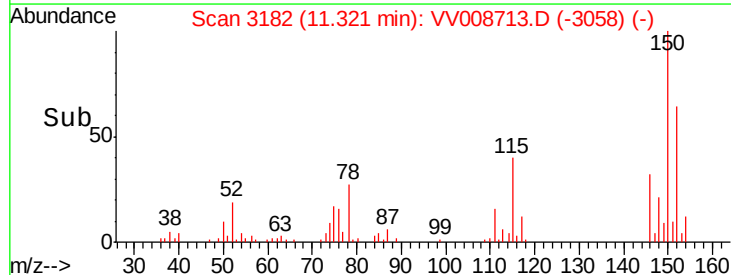
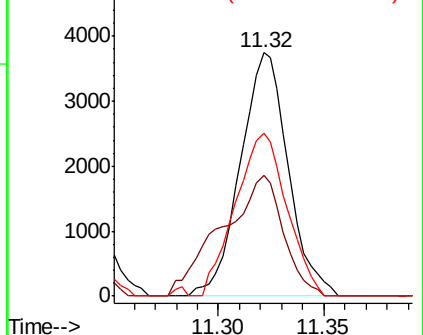


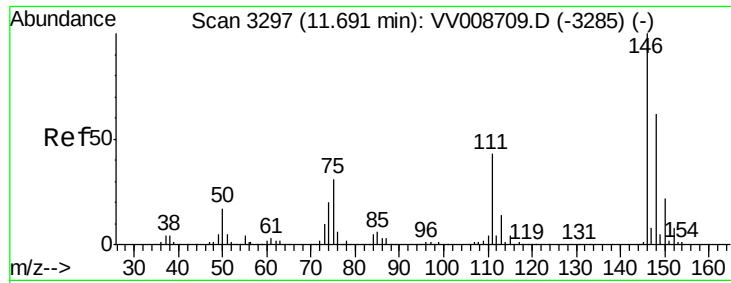
#63
 1,4-Dichlorobenzene
 Concen: 1.548 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008713.D
 Acq: 26 Nov 2018 14:23

Tgt Ion:146 Resp: 5893
 Ion Ratio Lower Upper
 146 100
 111 49.7 27.7 51.5
 148 67.2 46.4 86.2



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





#65

1,2-Dichlorobenzene

Concen: 37.439 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008713.D

Acq: 26 Nov 2018 14:23

Instrument :

MSVOA_V

ClientSampled :

C0925

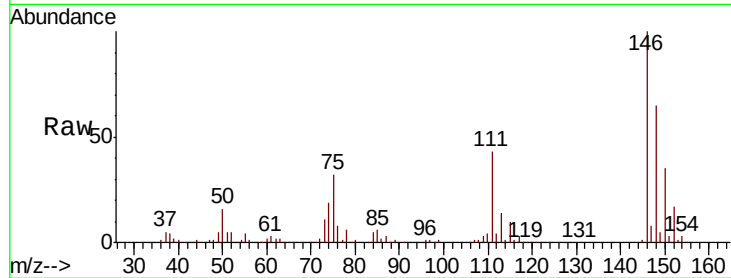
Tot Ion:146 Resp: 144305

Ion Ratio Lower Upper

146 100

111 43.2 36.5 54.7

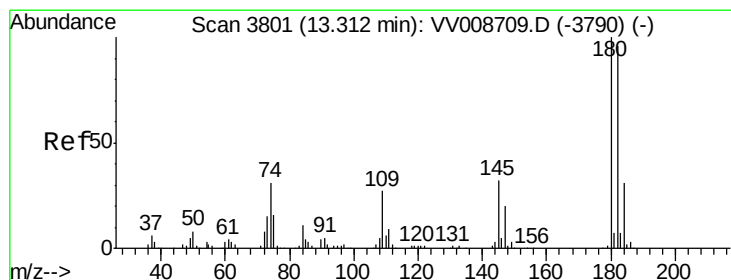
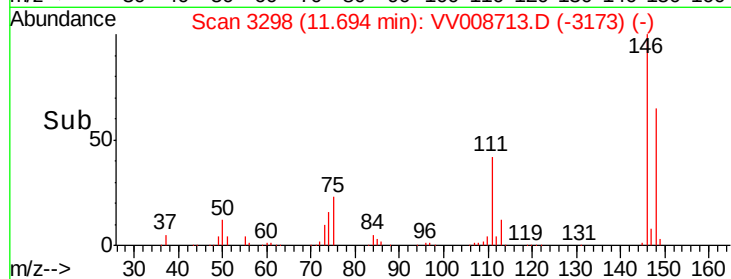
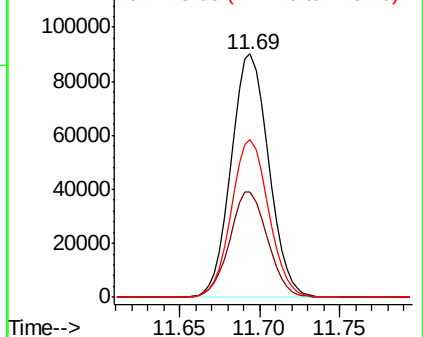
148 64.8 48.7 73.1



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: 2.057 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.01 min

Lab File: VV008713.D

Acq: 26 Nov 2018 14:23

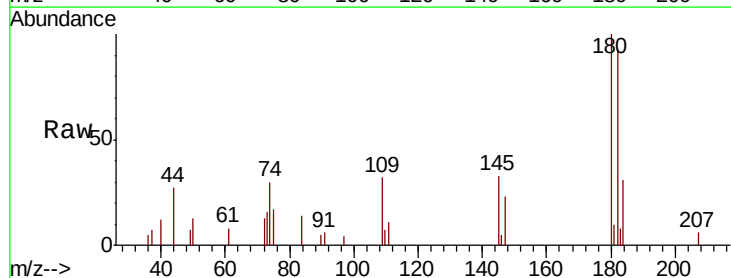
Tgt Ion:180 Resp: 4059

Ion Ratio Lower Upper

180 100

182 100.2 75.7 113.5

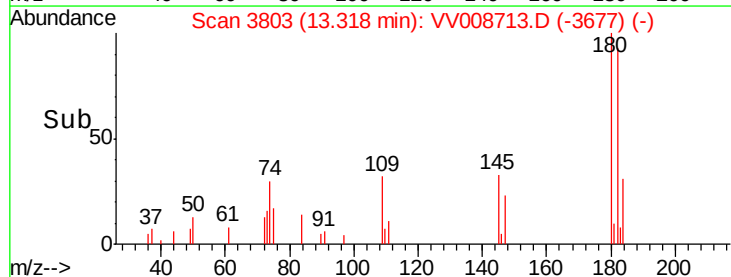
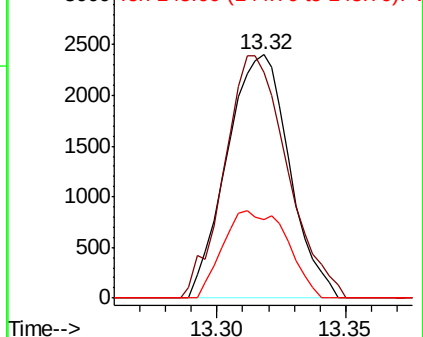
145 23.4 28.0 42.0#

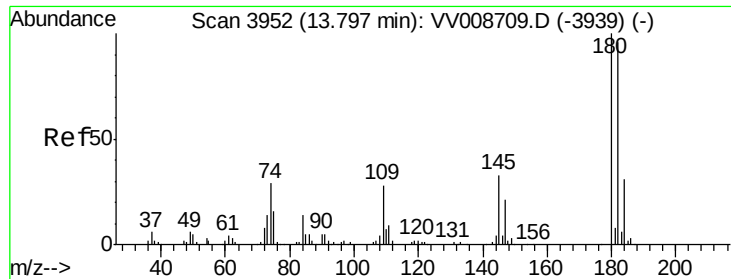


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

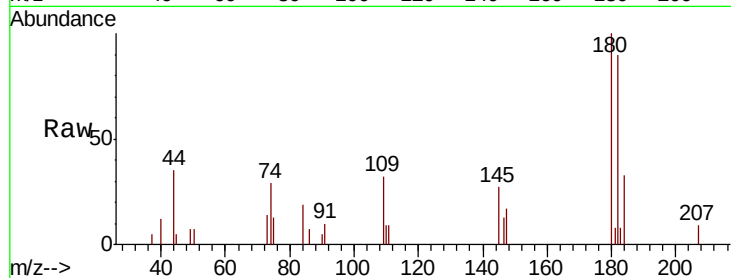




#70
 1,2,3-Trichlorobenzene
 Concen: 1.560 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008713.D
 Acq: 26 Nov 2018 14:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0925

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.2	77.5	116.3
145	31.2	28.9	43.3



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

