

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009864.D
 Acq On : 25 Mar 2019 16:44
 Operator : SY/MD
 Sample : K2070-20 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09J6

Quant Time: Mar 26 07:30:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	183297	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185194	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72912	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98103	52.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.84%
7) Chloroethane-d5	1.56	69	105910	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.58%
11) 1,1-Dichloroethene-d2	2.13	63	204622	37.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.18%
21) 2-Butanone-d5	3.93	46	82553	98.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.82%
24) Chloroform-d	4.40	84	123854	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.08	65	84645	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
32) Benzene-d6	5.10	84	260517	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
36) 1,2-Dichloropropane-d6	6.12	67	82269	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.10%
41) Toluene-d8	7.36	98	237446	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%
43) trans-1,3-Dichloropropene-	7.66	79	30442	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
47) 2-Hexanone-d5	8.13	63	61172	96.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108268	43.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.04%
64) 1,2-Dichlorobenzene-d4	11.67	152	81920	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

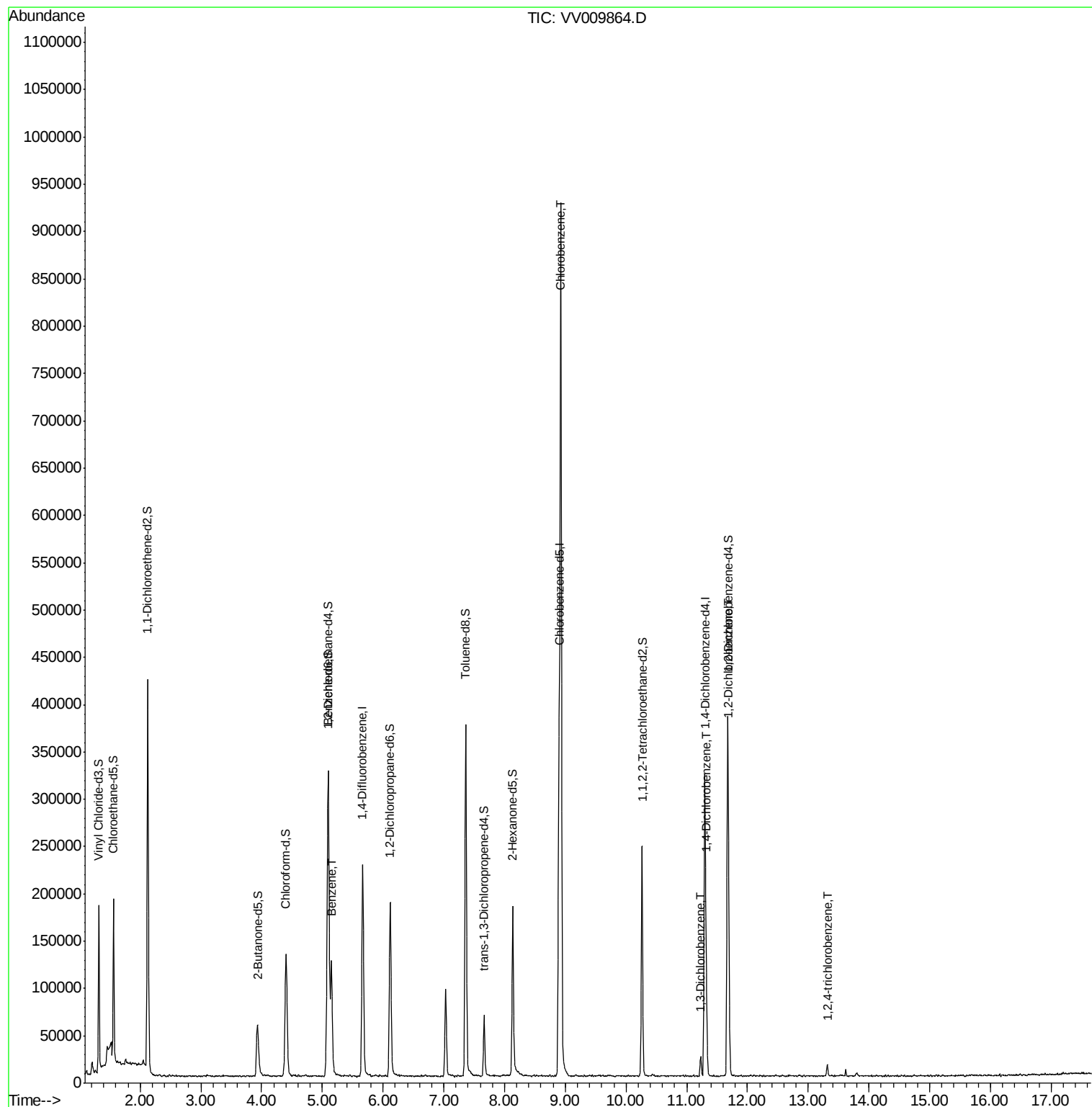
					Ovalue
33) Benzene	5.15	78	109571	20.266	ug/L 100
51) Chlorobenzene	8.93	112	448155	109.411	ug/L 98
62) 1,3-Dichlorobenzene	11.23	146	7970	3.191	ug/L 89
63) 1,4-Dichlorobenzene	11.32	146	39121	14.940	ug/L 95
65) 1,2-Dichlorobenzene	11.69	146	45971	17.423	ug/L 99
68) 1,2,4-trichlorobenzene	13.31	180	3424	2.522	ug/L 98

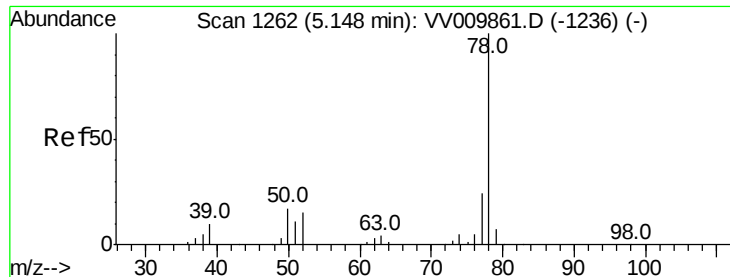
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032519\
Data File : VV009864.D
Acq On : 25 Mar 2019 16:44
Operator : SY/MD
Sample : K2070-20 400X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09J6

Quant Time: Mar 26 07:30:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration





#33

Benzene

Concen: 20.266 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV009864.D

Acq: 25 Mar 2019 16:44

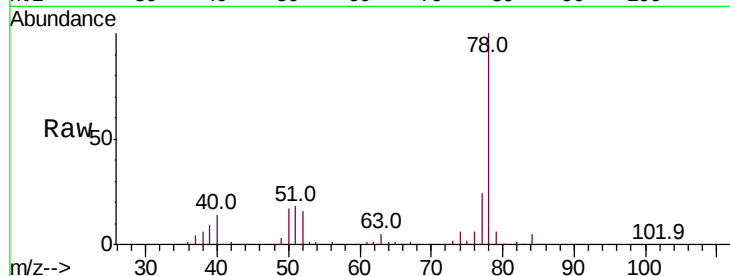
Instrument :

MSVOA_V

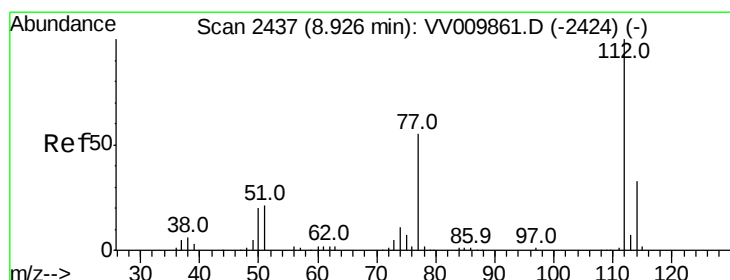
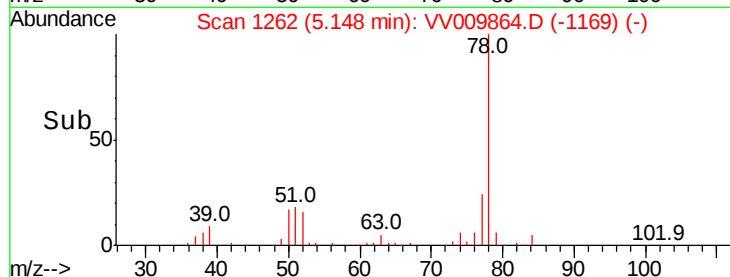
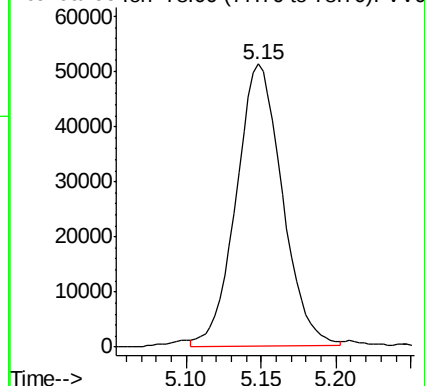
ClientSampled :

C09J6

Tgt Ion: 78 Resp: 109571



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 109.411 ug/L

RT: 8.93 min Scan# 2437

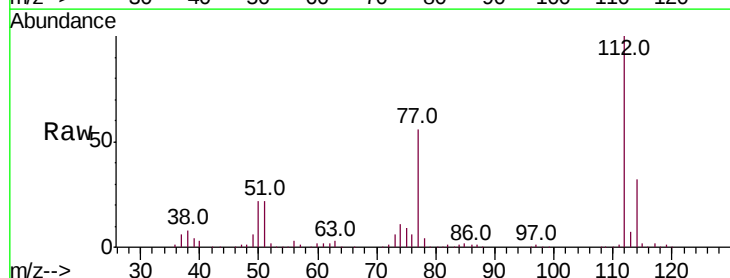
Delta R.T. 0.00 min

Lab File: VV009864.D

Acq: 25 Mar 2019 16:44

Tgt Ion: 112 Resp: 448155

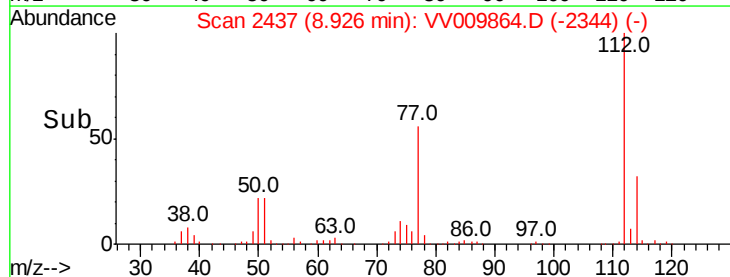
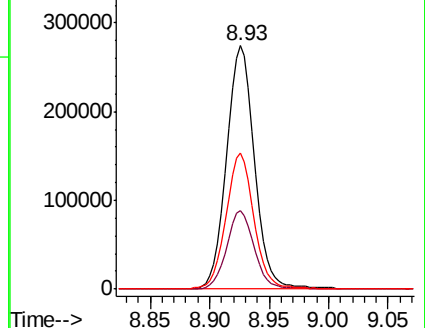
Ion	Ratio	Lower	Upper
112	100		
114	32.3	23.3	43.3
77	55.7	45.8	68.6

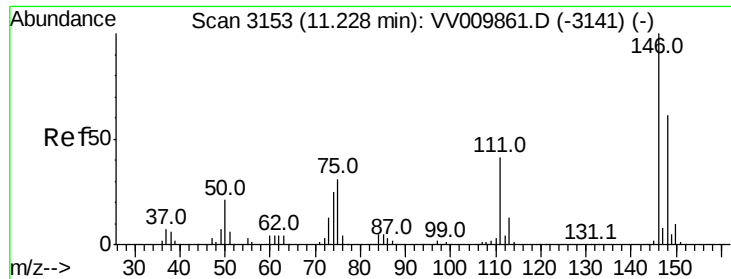


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 3.191 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV009864.D

Acq: 25 Mar 2019 16:44

Instrument :

MSVOA_V

ClientSampled :

C09J6

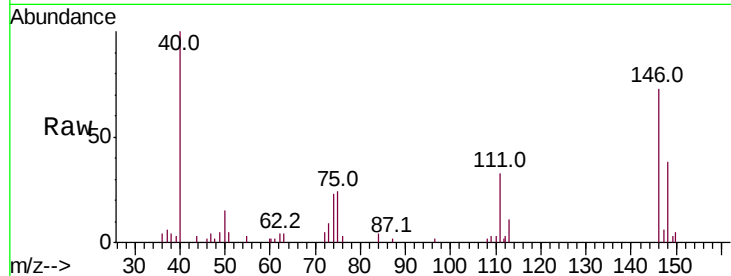
Tot Ion:146 Resp: 7970

Ion Ratio Lower Upper

146 100

111 44.8 27.5 51.1

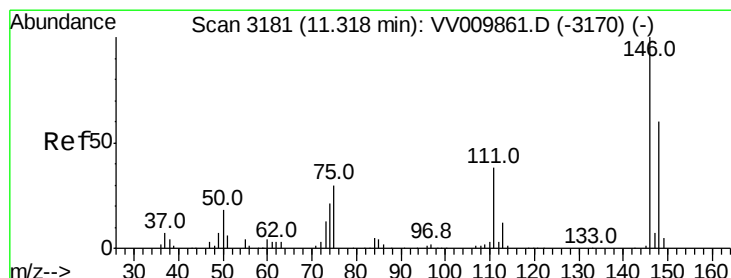
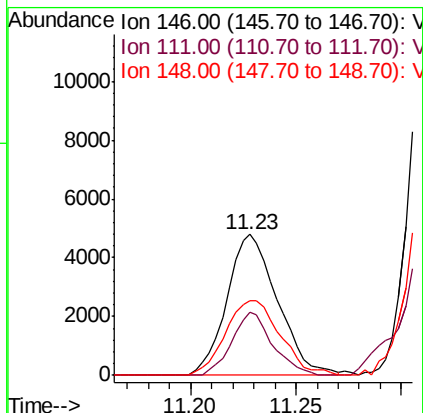
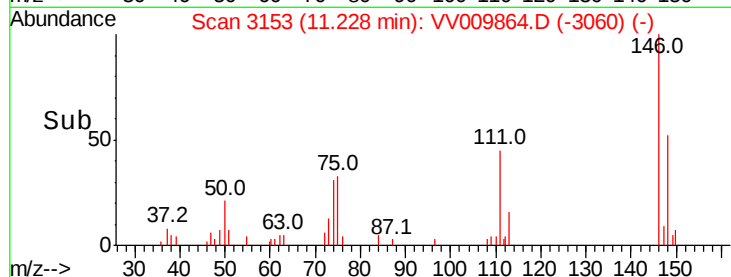
148 52.5 43.0 80.0



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



#63

1,4-Dichlorobenzene

Concen: 14.940 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV009864.D

Acq: 25 Mar 2019 16:44

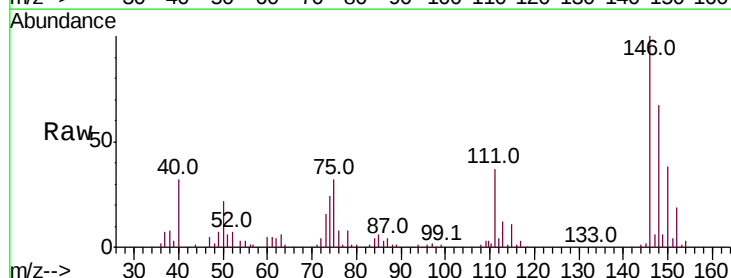
Tgt Ion:146 Resp: 39121

Ion Ratio Lower Upper

146 100

111 37.4 26.5 49.3

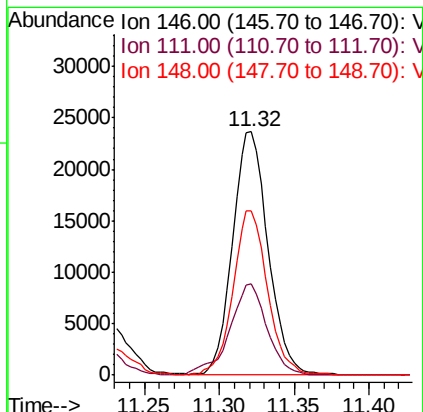
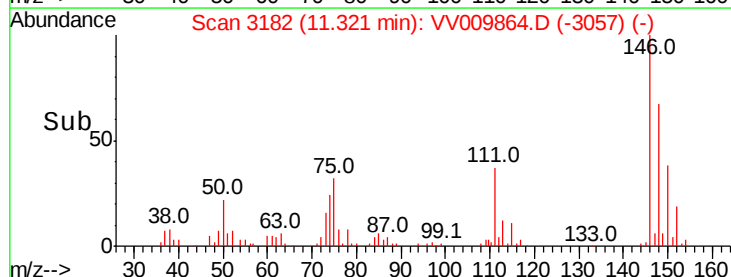
148 67.4 43.2 80.2

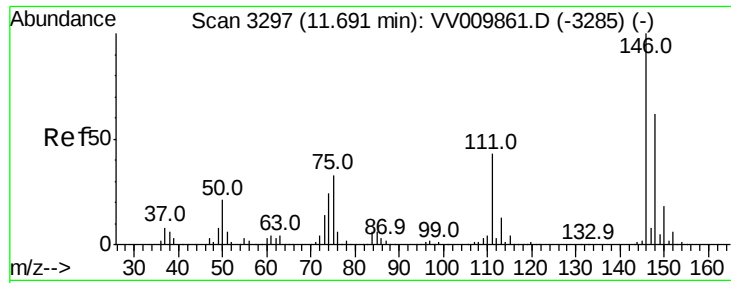


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 17.423 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV009864.D

Acq: 25 Mar 2019 16:44

Instrument :

MSVOA_V

ClientSampleId :

C09J6

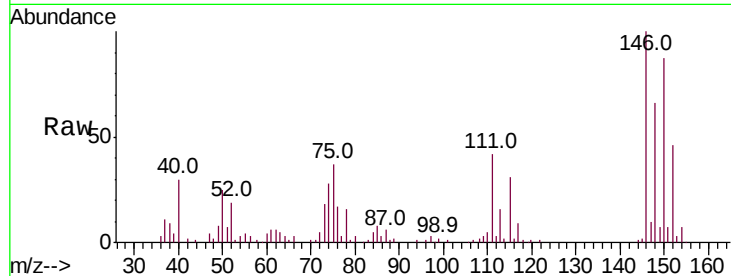
Tot Ion:146 Resp: 45971

Ion Ratio Lower Upper

146 100

111 42.0 33.0 49.6

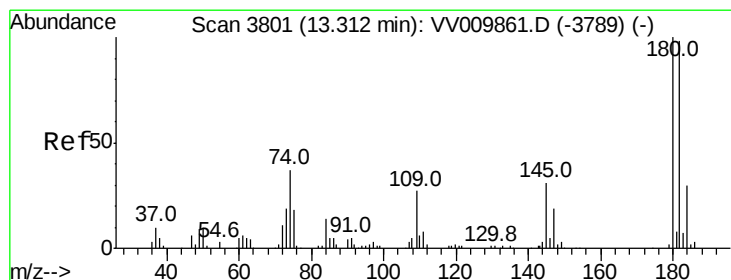
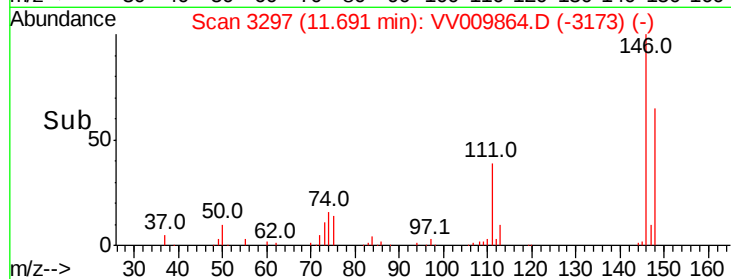
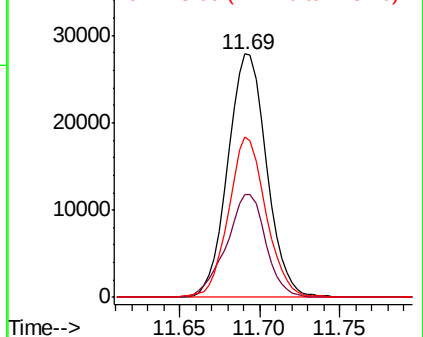
148 66.1 53.2 79.8



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: 2.522 ug/L

RT: 13.31 min Scan# 3801

Delta R.T. 0.00 min

Lab File: VV009864.D

Acq: 25 Mar 2019 16:44

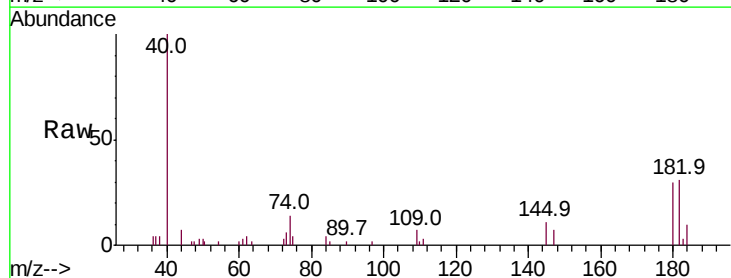
Tgt Ion:180 Resp: 3424

Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 28.2 24.3 36.5



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

