

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007821.D
 Acq On : 24 Sep 2018 17:11
 Operator : SY/MD
 Sample : J5012-10 100X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08N2

Quant Time: Sep 25 03:58:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 02:11:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192139	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183269	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106871	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38003	36.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.78%
7) Chloroethane-d5	1.59	69	40463	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.28%
11) 1,1-Dichloroethene-d2	2.14	63	76440	31.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.10%
21) 2-Butanone-d5	3.95	46	61176	88.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.70%
24) Chloroform-d	4.41	84	93338	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
26) 1,2-Dichloroethane-d4	5.09	65	64488	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
32) Benzene-d6	5.11	84	181963	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.13	67	56013	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.06%
41) Toluene-d8	7.36	98	185577	42.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.32%
43) trans-1,3-Dichloropropene-	7.67	79	25477	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.24%
47) 2-Hexanone-d5	8.14	63	44543	81.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.31%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84683	43.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	95538	43.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.92%

Target Compounds

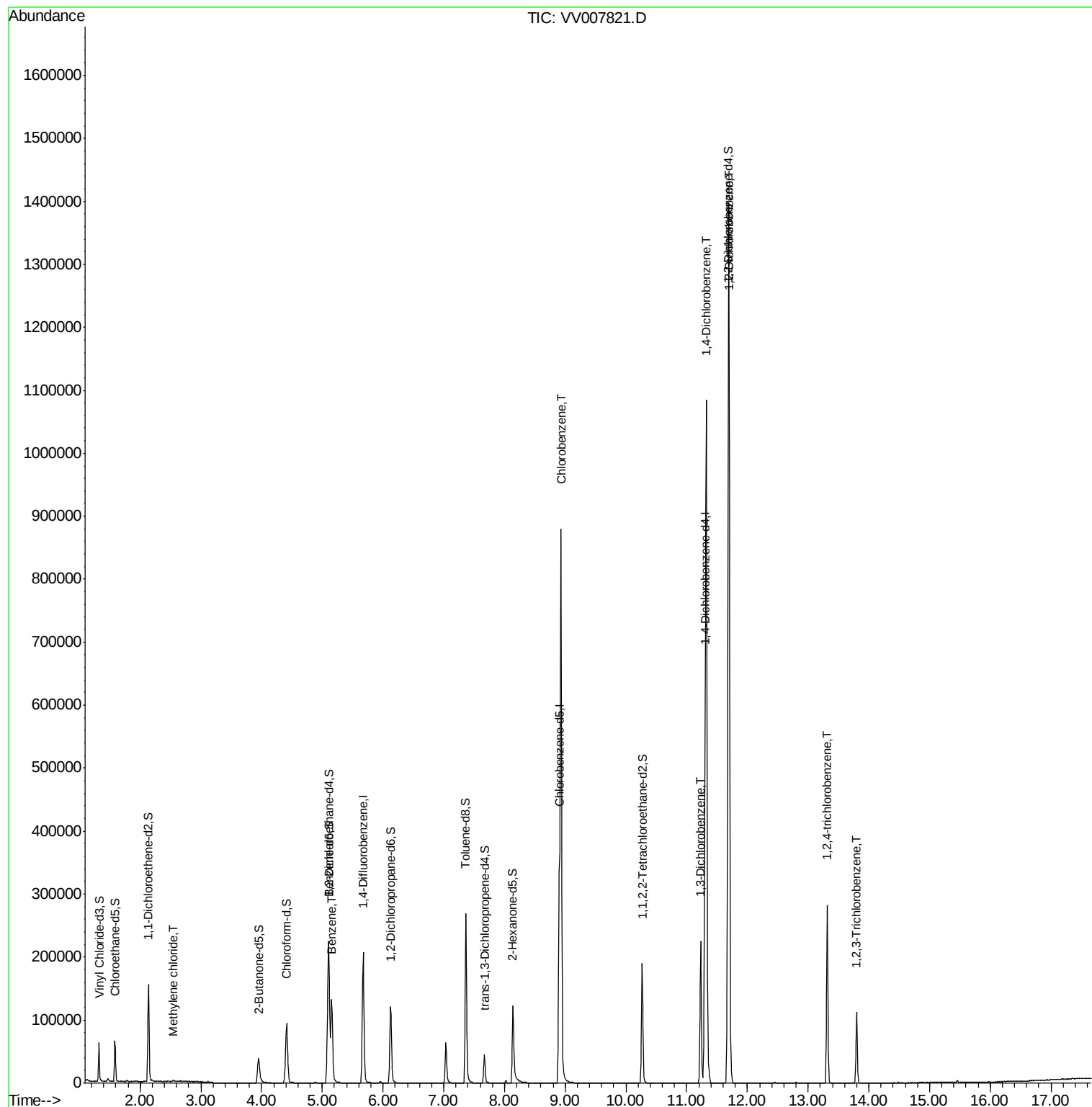
					Ovalue
16) Methylene chloride	2.54	84	797	0.570 ug/L	89
33) Benzene	5.15	78	133182	30.338 ug/L	100
51) Chlorobenzene	8.93	112	488519	130.332 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	100822	29.753 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	457981	130.302 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	571615	166.831 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	93929	36.775 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	37742	14.619 ug/L	98

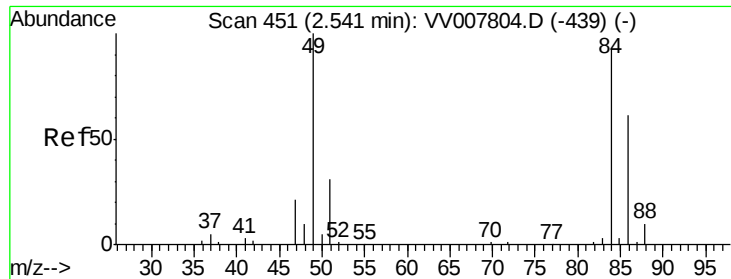
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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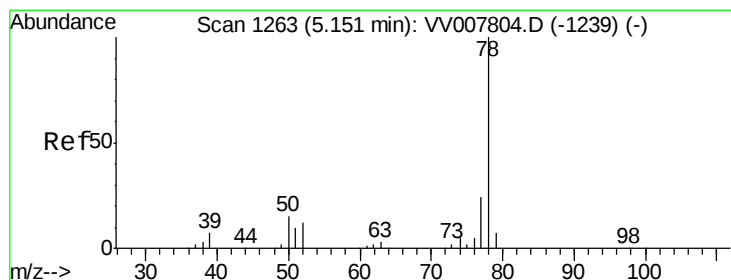
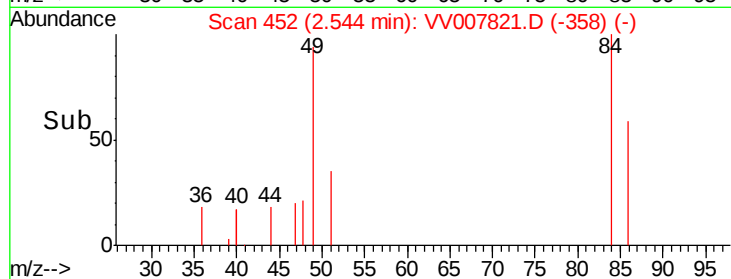
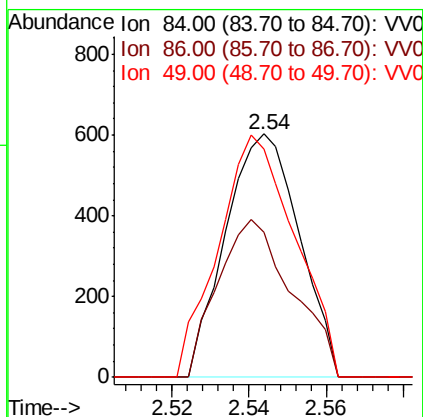
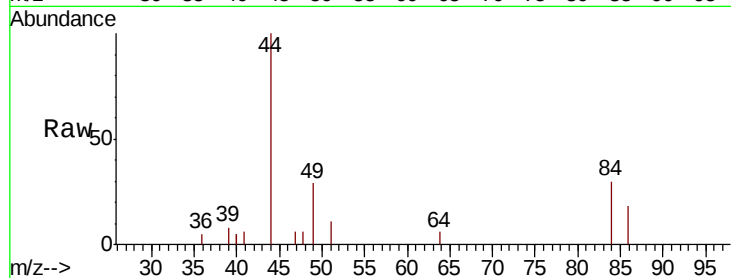




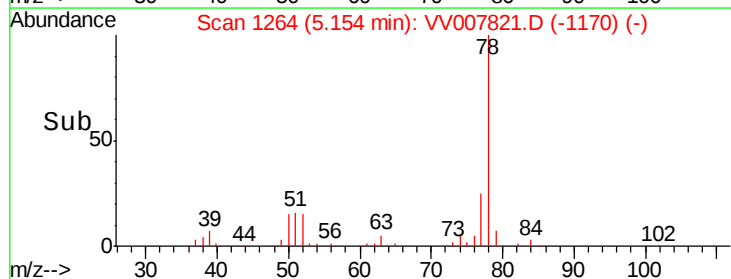
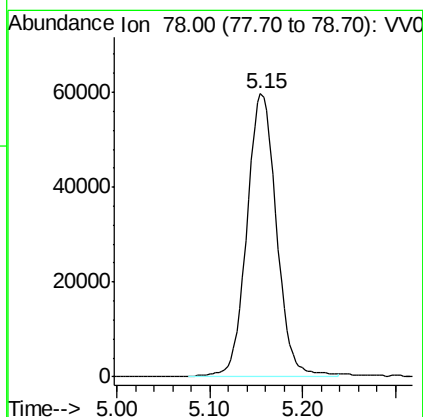
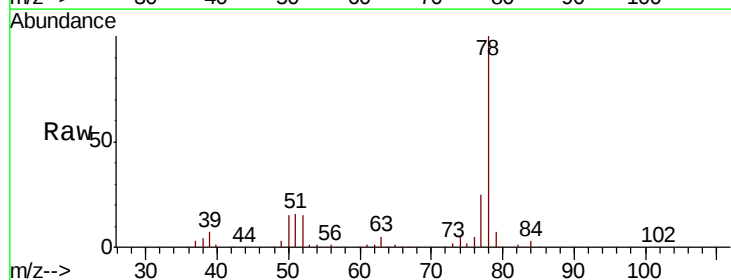
#16
Methvlene chloride
Concen: 0.570 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.00 min
Lab File: VV007821.D
Acq: 24 Sep 2018 17:11

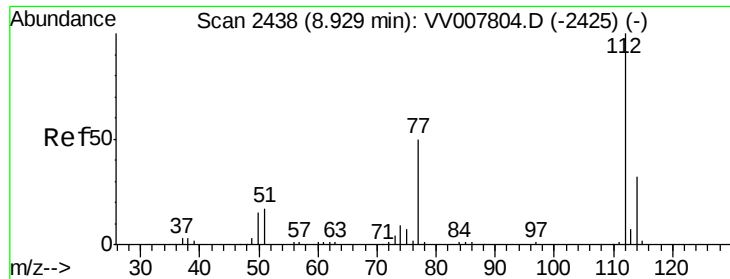
Instrument :
MSVOA_V
ClientSampleId :
C08N2

Tot Ion: 84 Resp: 797
Ion Ratio Lower Upper
84 100
86 59.4 45.4 84.4
49 93.9 75.3 139.9



#33
Benzene
Concen: 30.338 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007821.D
Acq: 24 Sep 2018 17:11
Tgt Ion: 78 Resp: 133182





#51

Chlorobenzene

Concen: 130.332 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007821.D

Acq: 24 Sep 2018 17:11

Instrument :

MSVOA_V

ClientSampleId :

C08N2

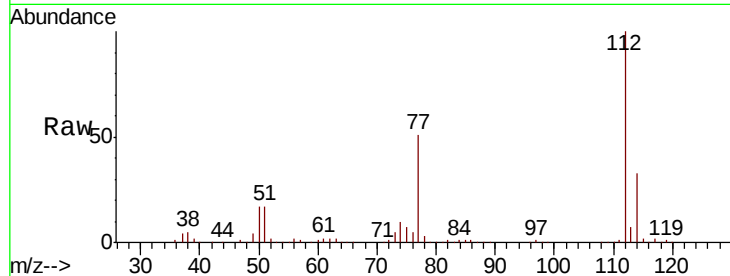
Tot Ion:112 Resp: 488519

Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.3

77 51.3 40.6 60.8

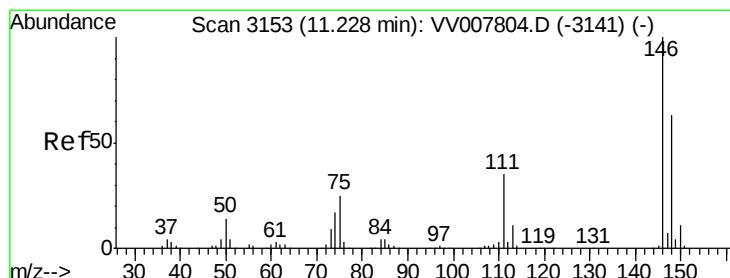
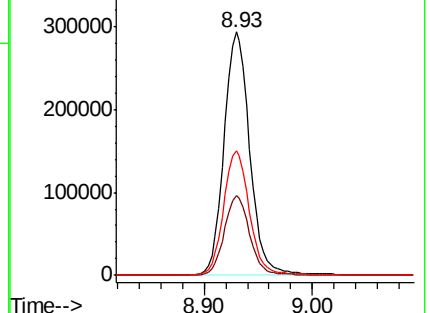
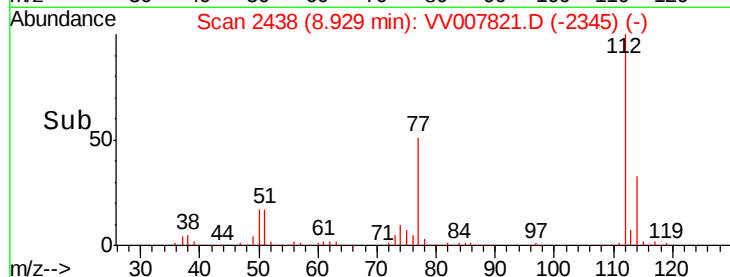


Abundance

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: 29.753 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007821.D

Acq: 24 Sep 2018 17:11

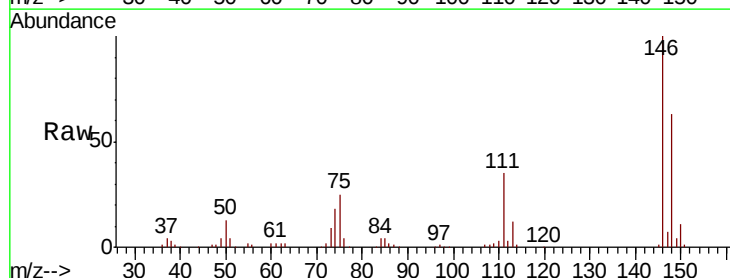
Tgt Ion:146 Resp: 100822

Ion Ratio Lower Upper

146 100

111 34.8 25.1 46.7

148 63.4 45.1 83.9

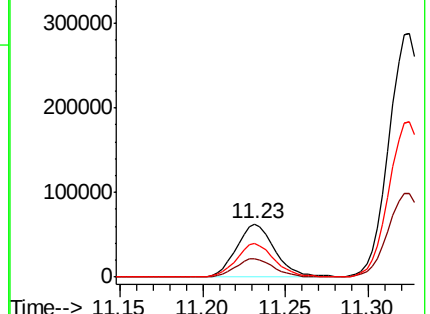
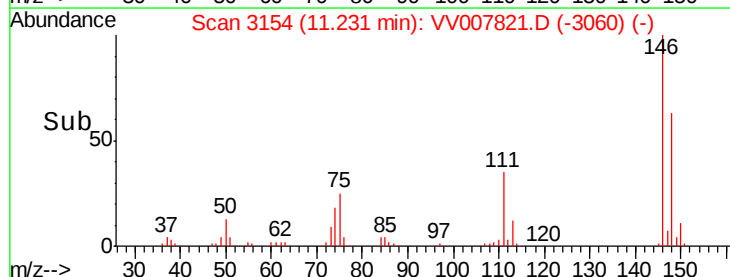


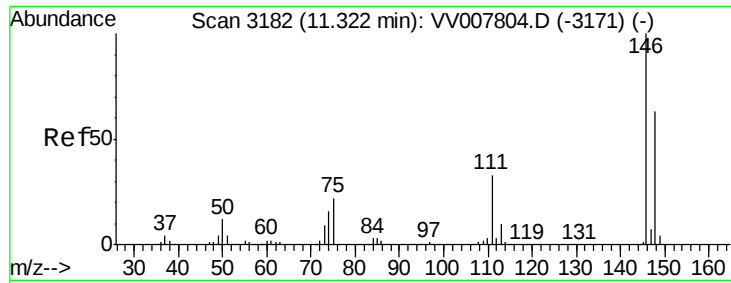
Abundance

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: 130.302 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007821.D

Acq: 24 Sep 2018 17:11

Instrument :

MSVOA_V

ClientSampleId :

C08N2

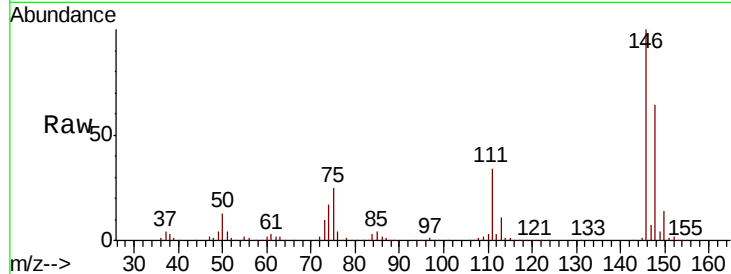
Tot Ion:146 Resp: 457981

Ion Ratio Lower Upper

146 100

111 34.1 24.4 45.4

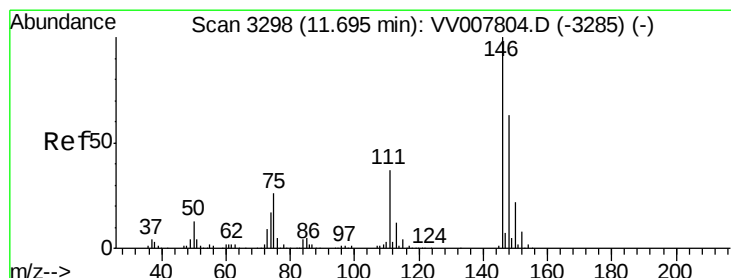
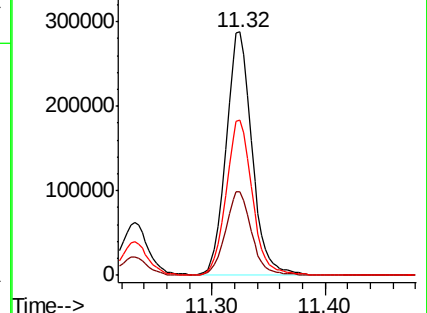
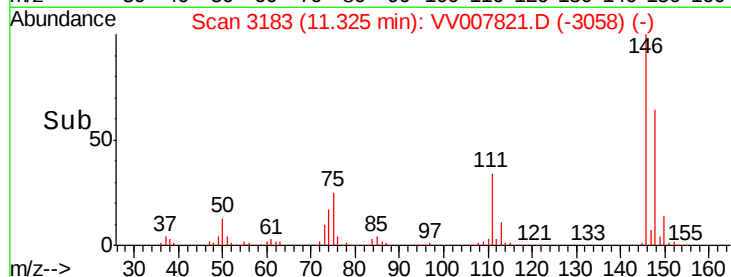
148 63.9 45.1 83.7



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



#65

1,2-Dichlorobenzene

Concen: 166.831 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007821.D

Acq: 24 Sep 2018 17:11

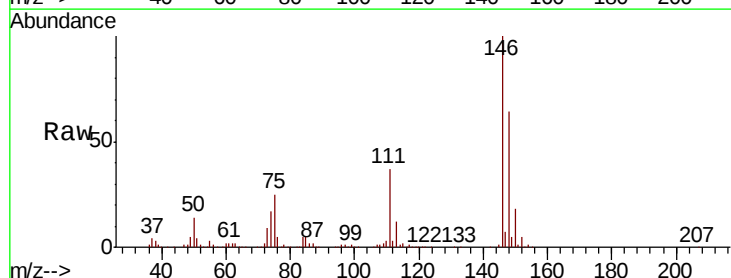
Tgt Ion:146 Resp: 571615

Ion Ratio Lower Upper

146 100

111 36.9 29.8 44.8

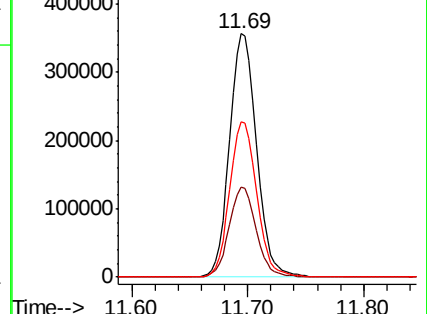
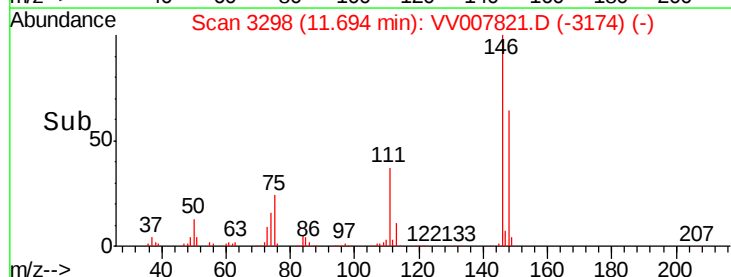
148 63.8 50.8 76.2

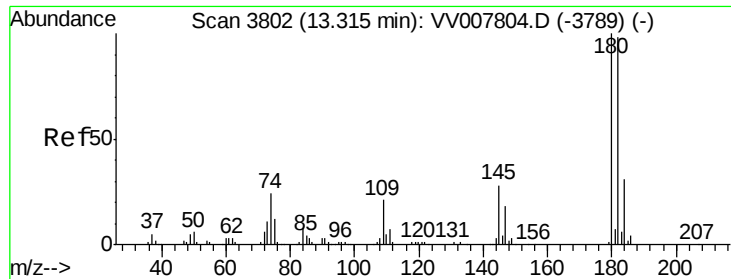


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

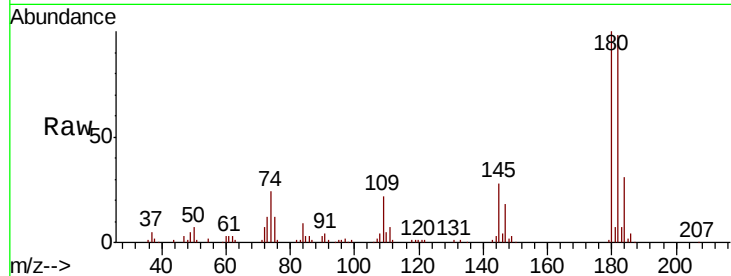




#68
 1,2,4-trichlorobenzene
 Concen: 36.775 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. -0.00 min
 Lab File: VV007821.D
 Acq: 24 Sep 2018 17:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C08N2

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.0	115.6
145	27.4	22.2	33.2

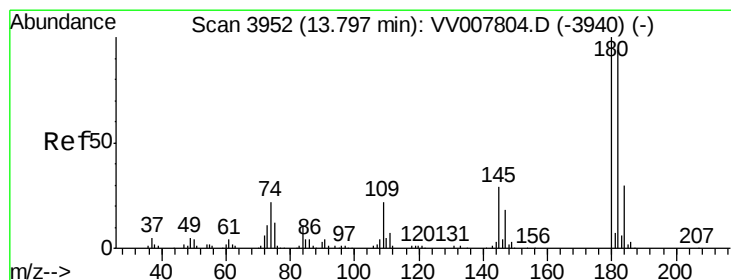
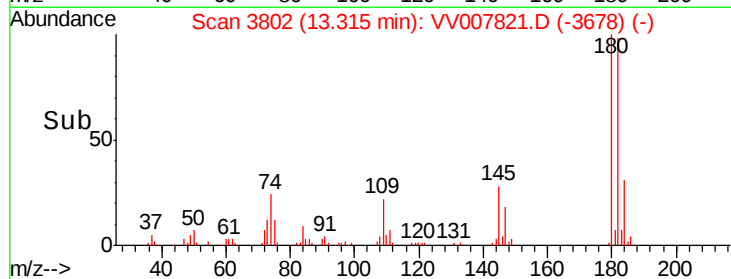
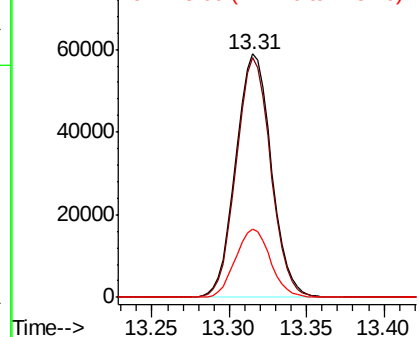


Abundance

Ion 180.00 (179.70 to 180.70): V

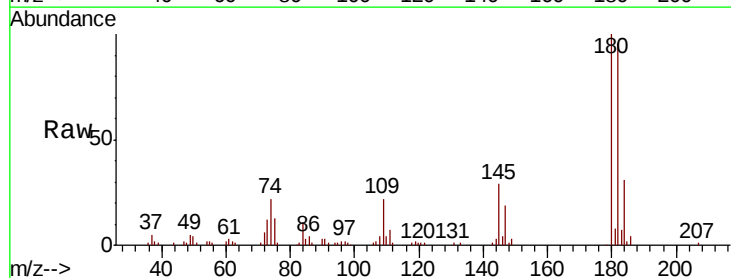
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 14.619 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007821.D
 Acq: 24 Sep 2018 17:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.4	116.2
145	28.6	23.3	34.9



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

