

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007874.D
 Acq On : 25 Sep 2018 23:49
 Operator : SY/MD
 Sample : J5036-05 100X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08W9

Quant Time: Sep 26 13:12:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201570	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107665	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54912	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.92%
7) Chloroethane-d5	1.59	69	51040	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.56%
11) 1,1-Dichloroethene-d2	2.14	63	93604	34.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.54%
21) 2-Butanone-d5	3.95	46	90986	106.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.84%
24) Chloroform-d	4.41	84	112693	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	5.09	65	88157	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.11	84	246639	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
36) 1,2-Dichloropropane-d6	6.13	67	77714	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.36	98	241831	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.67	79	33536	42.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.60%
47) 2-Hexanone-d5	8.14	63	69543	98.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.89%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	111665	45.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	114968	48.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.08%

Target Compounds

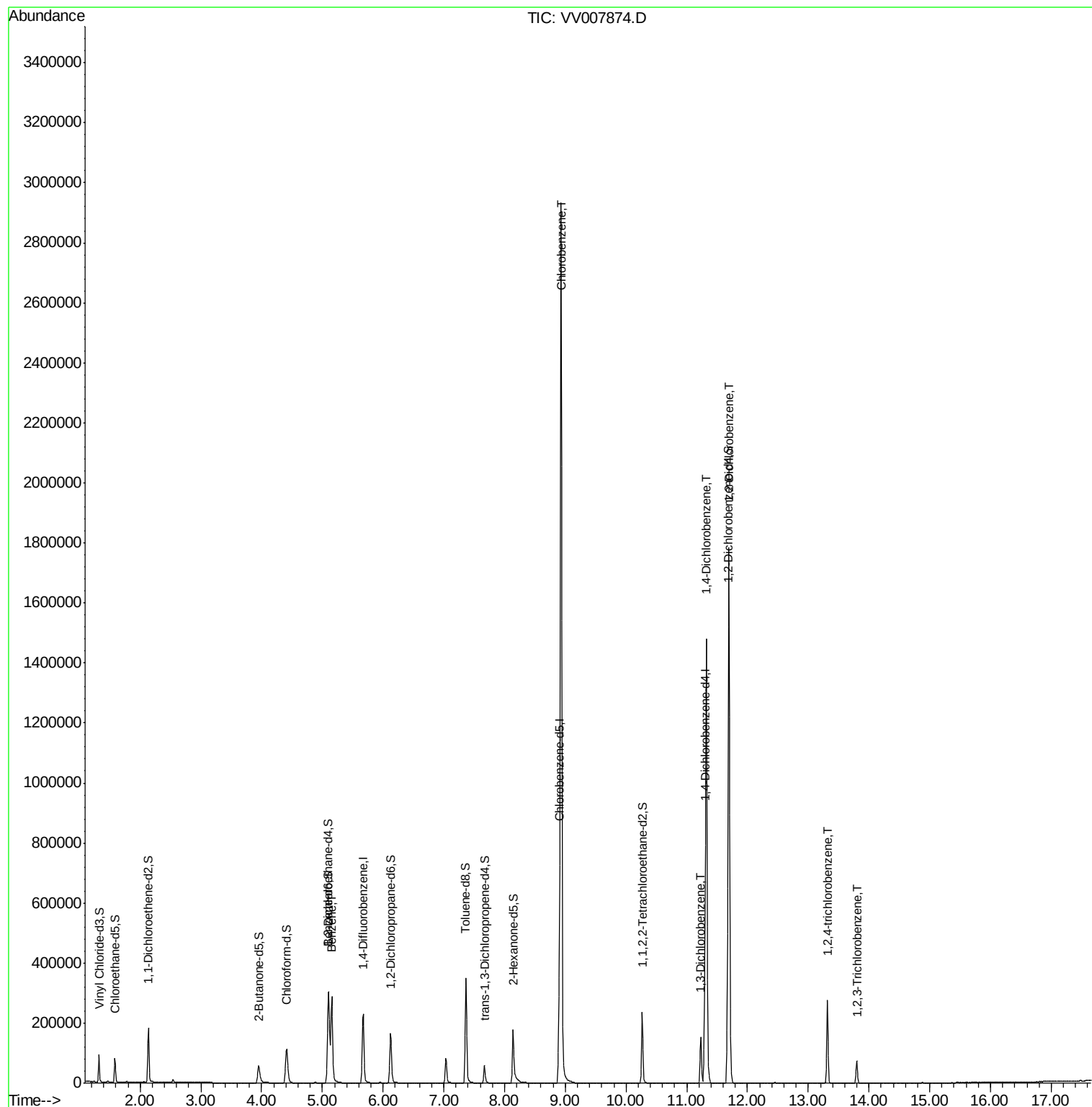
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.15	78	280944	52.618	ug/L	100
51) Chlorobenzene	8.93	112	1582650	380.095	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	66742	19.812	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	602227	168.229	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	708280	202.610	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	90684	37.845	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	23363	9.630	ug/L	98

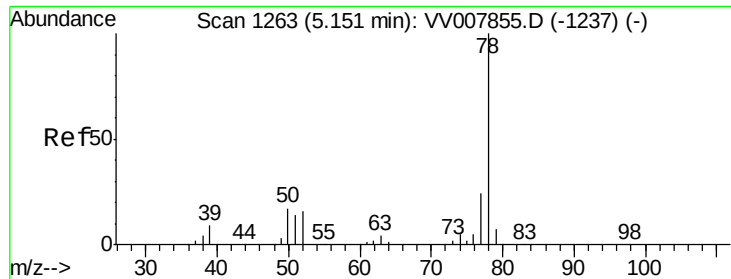
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 52.618 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

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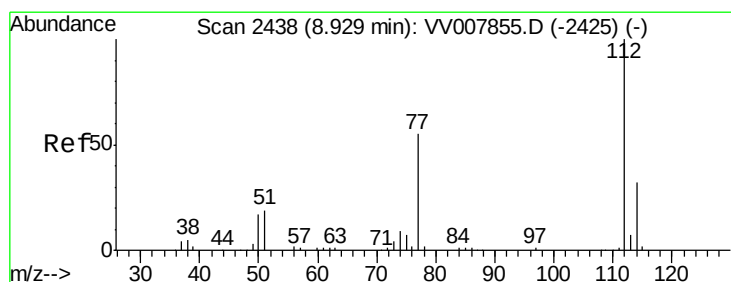
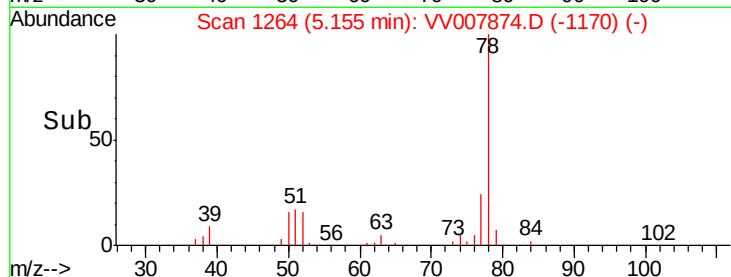
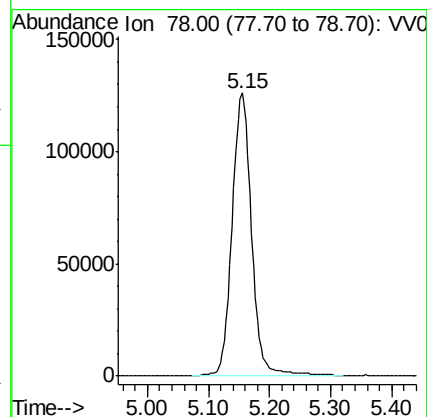
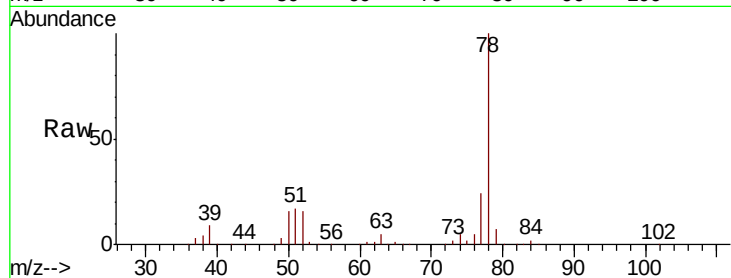
Instrument :

MSVOA_V

ClientSampleId :

C08W9

Tgt Ion: 78 Resp: 280944



#51

Chlorobenzene

Concen: 380.095 ug/L

RT: 8.93 min Scan# 2438

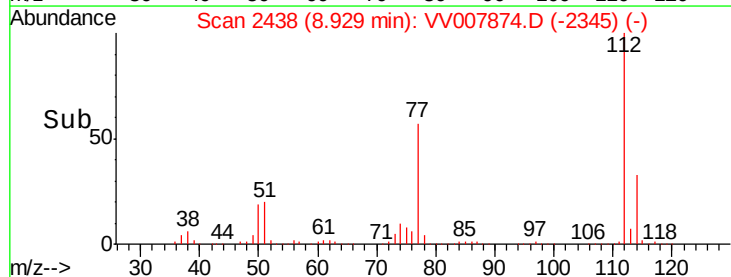
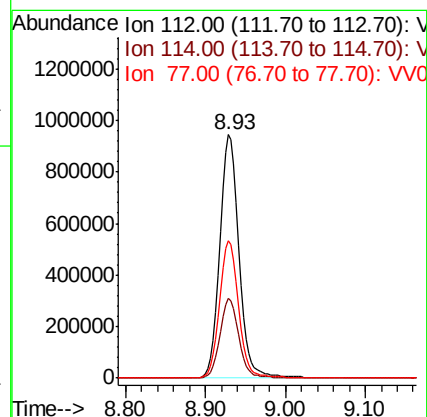
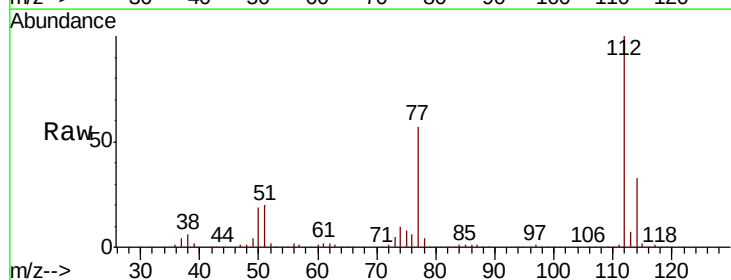
Delta R.T. 0.00 min

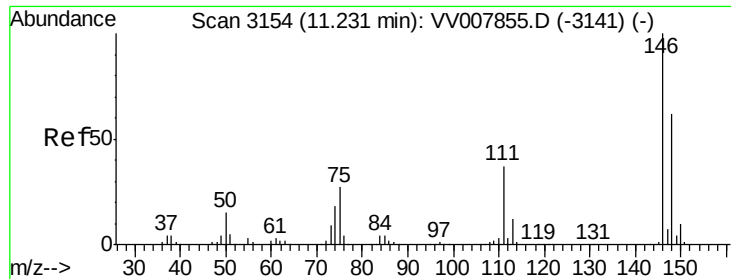
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Tgt Ion: 112 Resp: 1582650

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.5
77	56.6	45.2	67.8





#62

1,3-Dichlorobenzene

Concen: 19.812 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007874.D

Acq: 25 Sep 2018 23:49

Instrument :

MSVOA_V

ClientSampleId :

C08W9

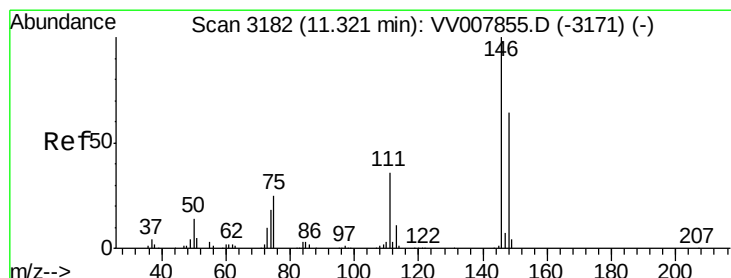
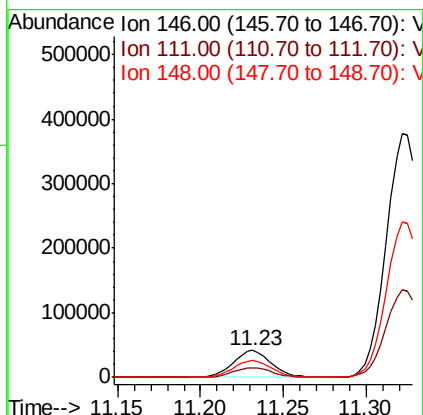
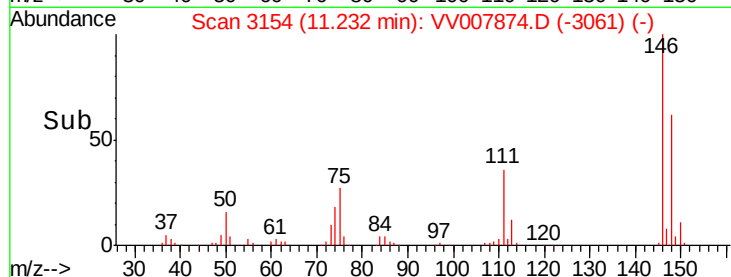
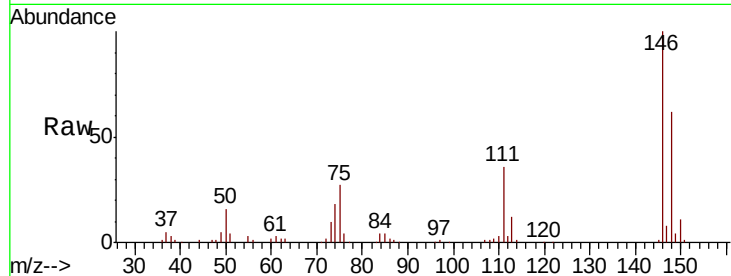
Tot Ion:146 Resp: 66742

Ion Ratio Lower Upper

146 100

111 36.3 25.6 47.4

148 61.8 45.4 84.2



#63

1,4-Dichlorobenzene

Concen: 168.229 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV007874.D

Acq: 25 Sep 2018 23:49

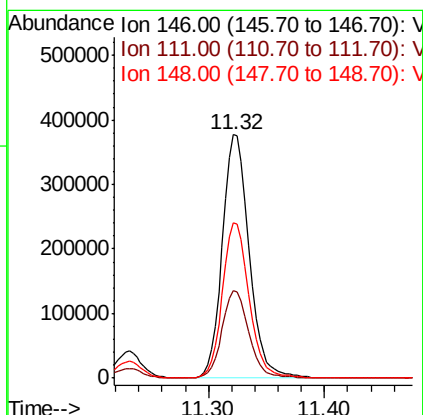
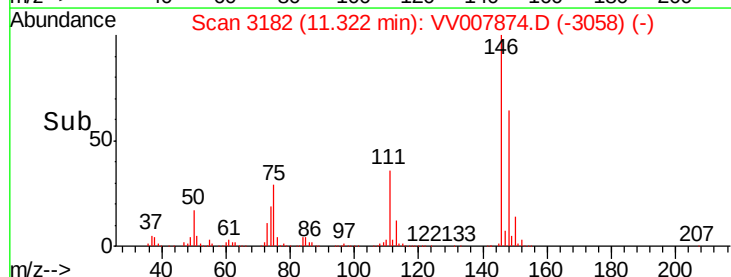
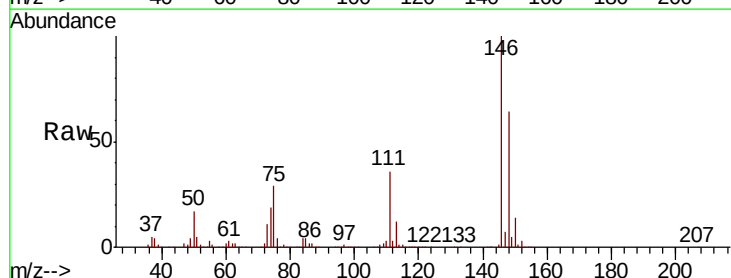
Tgt Ion:146 Resp: 602227

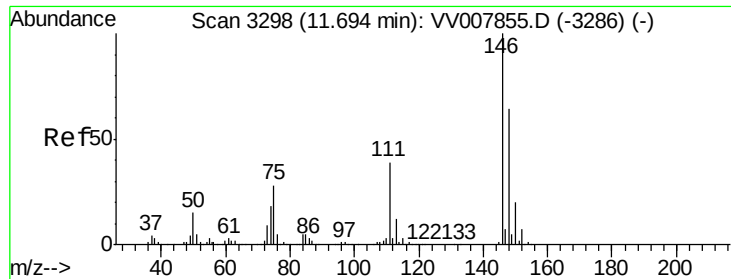
Ion Ratio Lower Upper

146 100

111 36.0 25.2 46.8

148 64.0 44.2 82.0





#65

1,2-Dichlorobenzene

Concen: 202.610 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007874.D

Acq: 25 Sep 2018 23:49

Instrument :

MSVOA_V

ClientSampleId :

C08W9

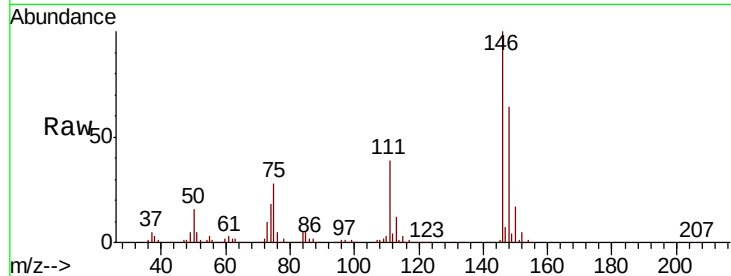
Tot Ion:146 Resp: 708280

Ion Ratio Lower Upper

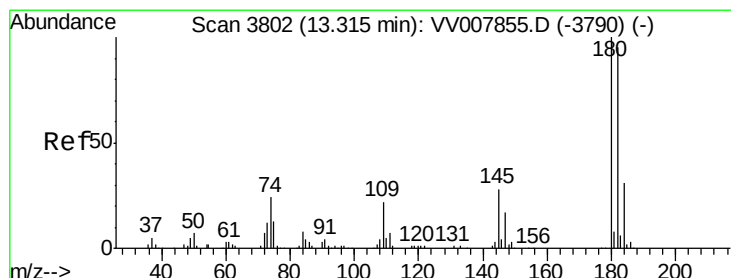
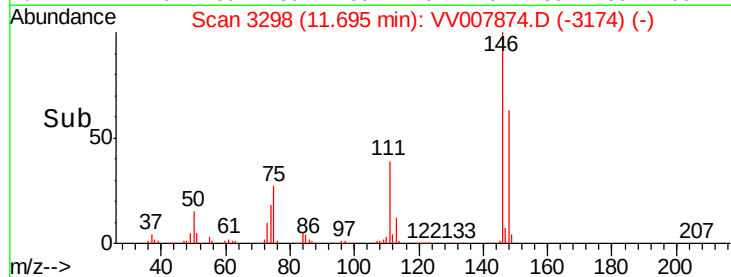
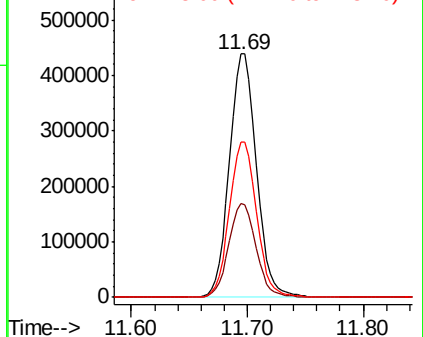
146 100

111 38.8 31.2 46.8

148 63.6 51.5 77.3



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



#68

1,2,4-trichlorobenzene

Concen: 37.845 ug/L

RT: 13.32 min Scan# 3802

Delta R.T. 0.00 min

Lab File: VV007874.D

Acq: 25 Sep 2018 23:49

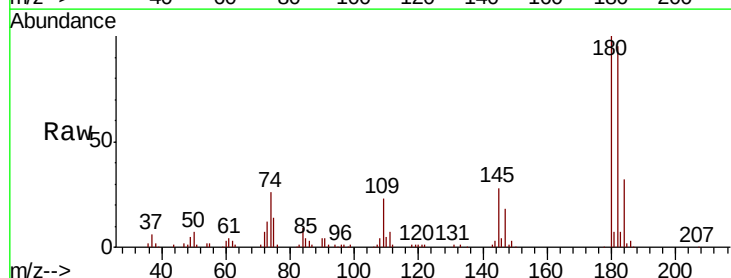
Tgt Ion:180 Resp: 90684

Ion Ratio Lower Upper

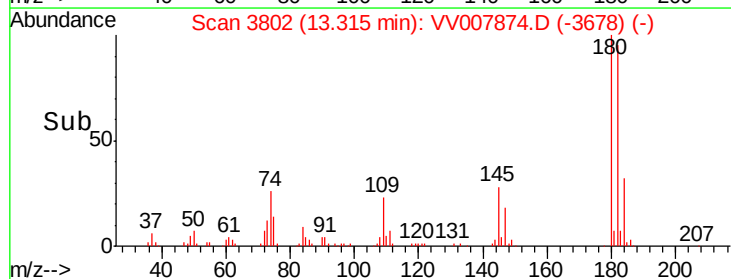
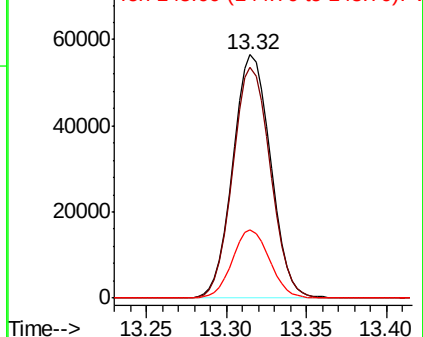
180 100

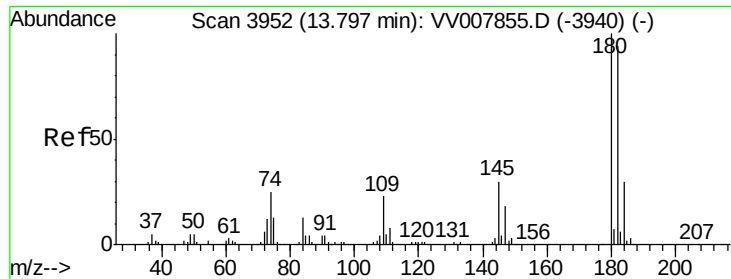
182 94.9 76.6 115.0

145 27.7 22.7 34.1



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: 9.630 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007874.D
 Acq: 25 Sep 2018 23:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C08W9

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	98.2	76.7	115.1	
145	30.2	23.6	35.4	

