

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007783.D
 Acq On : 23 Sep 2018 13:04
 Operator : SY/MD
 Sample : J5013-03 500X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R7

Quant Time: Sep 24 07:47:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179311	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93214	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34819	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.46%
7) Chloroethane-d5	1.59	69	37396	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.46%
11) 1,1-Dichloroethene-d2	2.14	63	72596	31.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.20%
21) 2-Butanone-d5	3.95	46	57014	88.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.58%
24) Chloroform-d	4.41	84	87190	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.58%
26) 1,2-Dichloroethane-d4	5.09	65	59421	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
32) Benzene-d6	5.11	84	176565	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
36) 1,2-Dichloropropane-d6	6.13	67	52048	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.72%
41) Toluene-d8	7.37	98	179853	42.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.66%
43) trans-1,3-Dichloropropene-	7.67	79	21518	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.92%
47) 2-Hexanone-d5	8.14	63	41432	79.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78573	42.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	87443	45.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

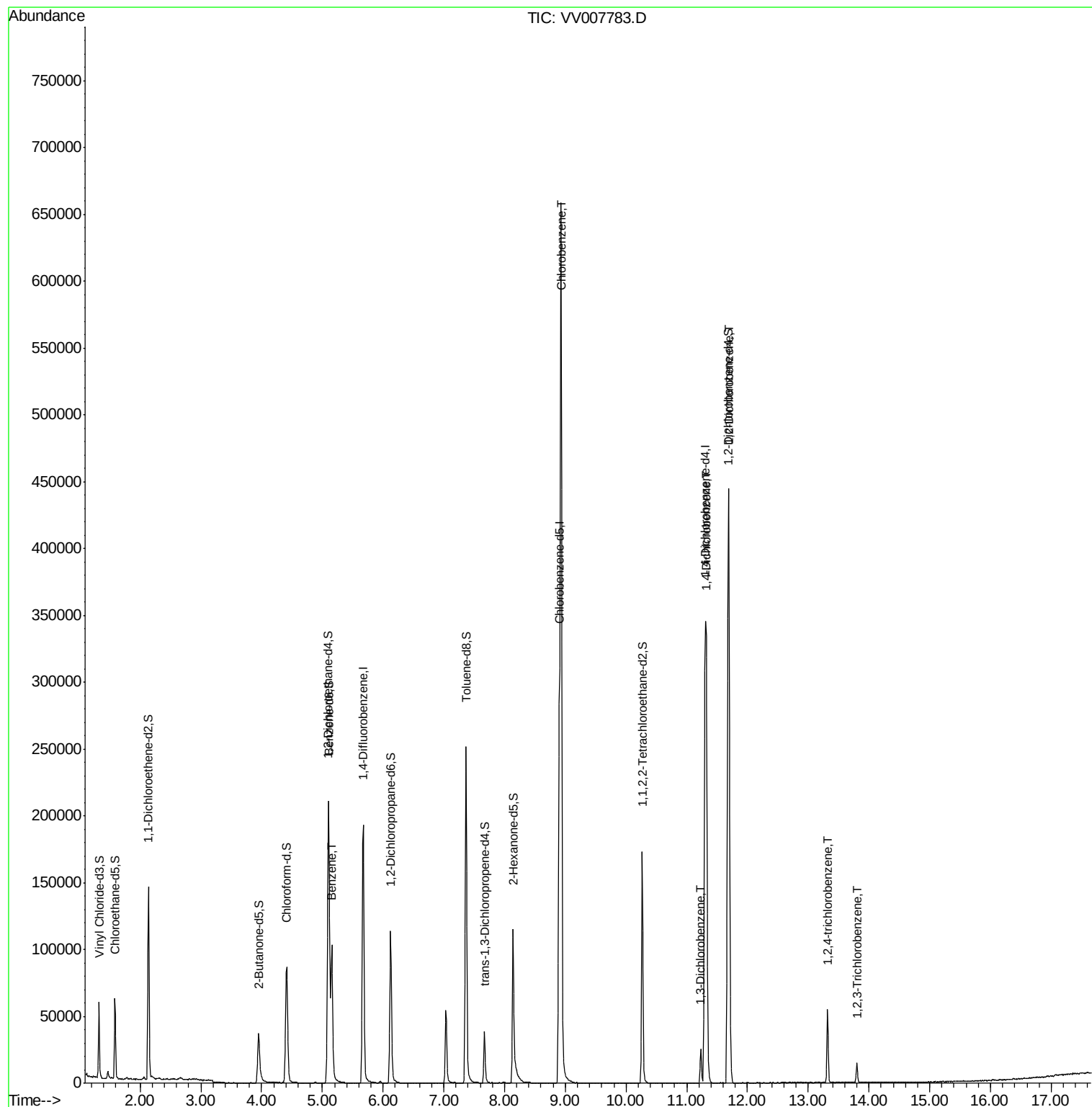
					Ovalue
33) Benzene	5.15	78	94954	22.674	ug/L 100
51) Chlorobenzene	8.93	112	367406	102.753	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	11664	3.946	ug/L 97
63) 1,4-Dichlorobenzene	11.32	146	129948	42.389	ug/L 100
65) 1,2-Dichlorobenzene	11.69	146	156128	52.244	ug/L 100
68) 1,2,4-trichlorobenzene	13.32	180	19206	8.621	ug/L 99
70) 1,2,3-Trichlorobenzene	13.80	180	5393	2.395	ug/L 100

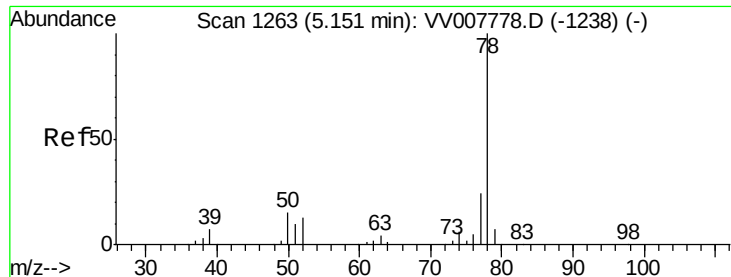
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 22.674 ug/L

RT: 5.15 min Scan# 1264

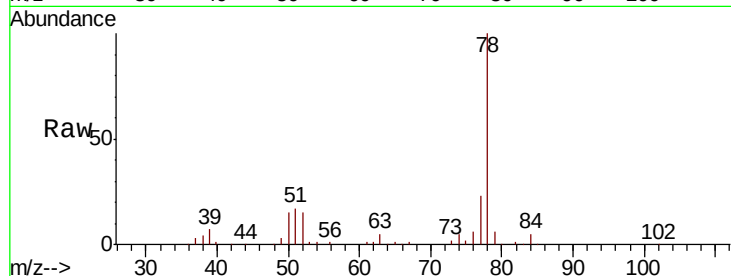
Delta R.T. 0.00 min

Lab File: VV007783.D

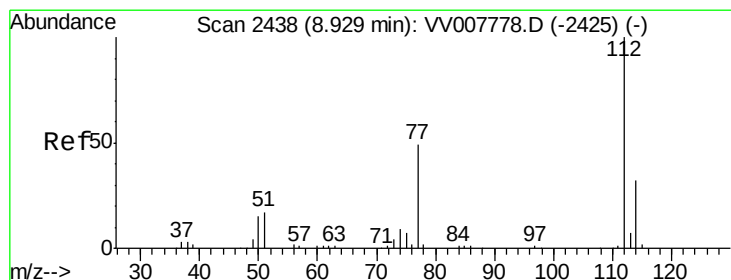
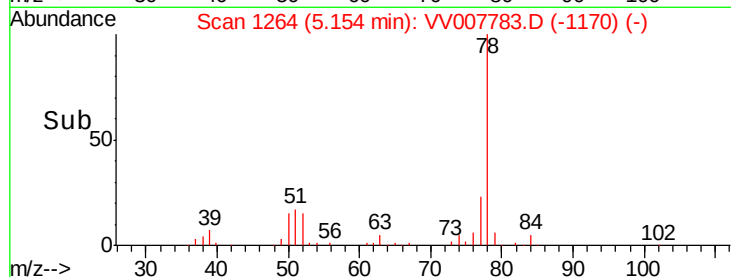
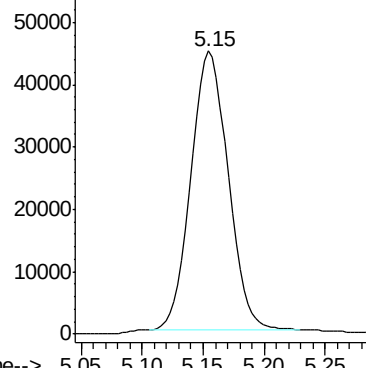
Acq: 23 Sep 2018 13:04

Instrument :
MSVOA_V
ClientSampled :
C08R7

Tgt Ion: 78 Resp: 94954



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 102.753 ug/L

RT: 8.93 min Scan# 2438

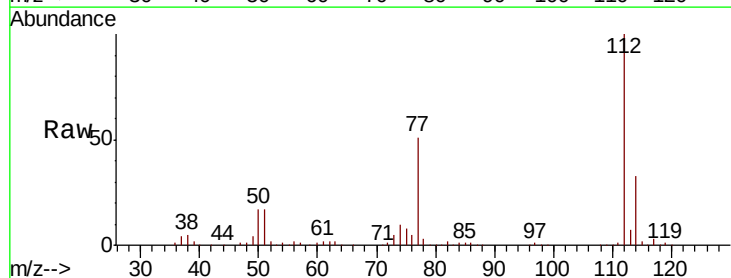
Delta R.T. 0.00 min

Lab File: VV007783.D

Acq: 23 Sep 2018 13:04

Tgt Ion: 112 Resp: 367406

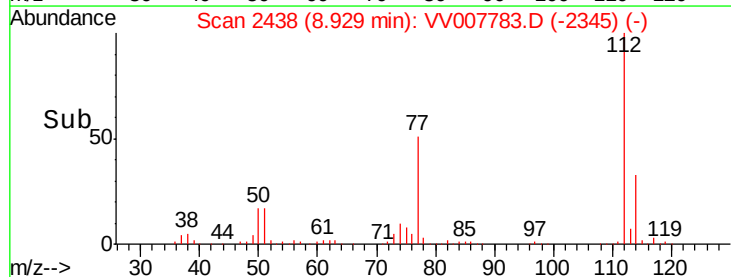
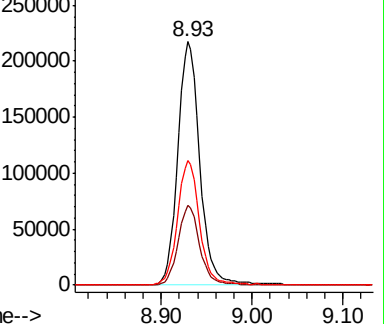
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.3
77	51.1	40.6	60.8

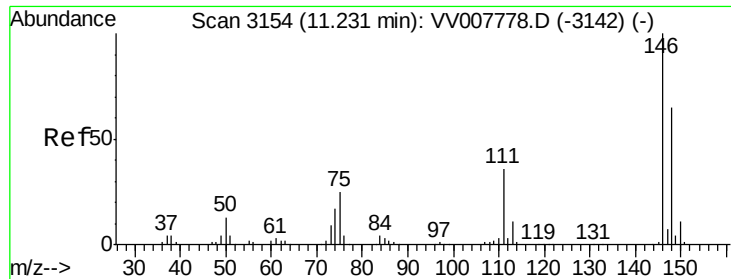


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

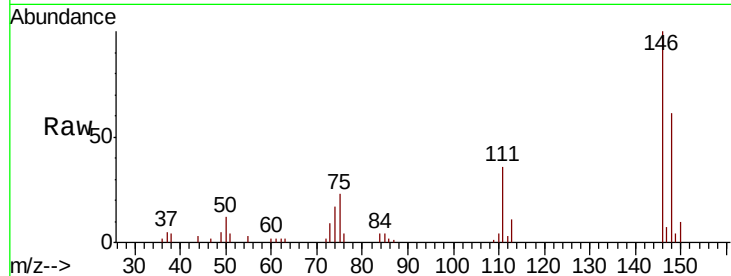




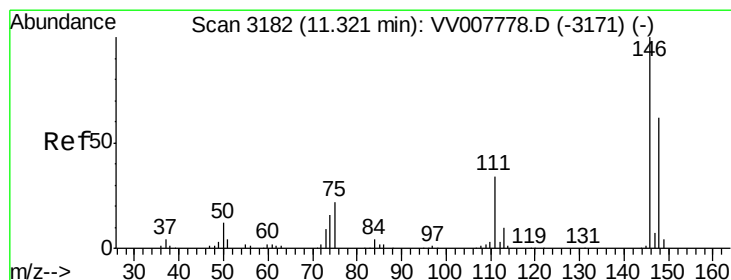
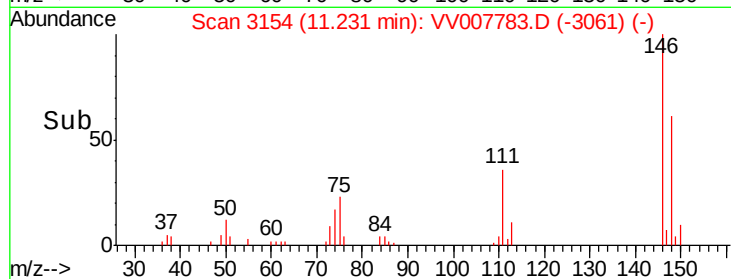
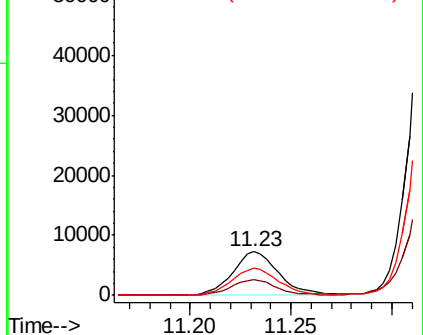
#62
 1,3-Dichlorobenzene
 Concen: 3.946 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

Instrument :
 MSVOA_V
 ClientSampled :
 C08R7

Tot Ion:146 Resp: 11664
 Ion Ratio Lower Upper
 146 100
 111 35.7 25.1 46.7
 148 61.4 45.1 83.9

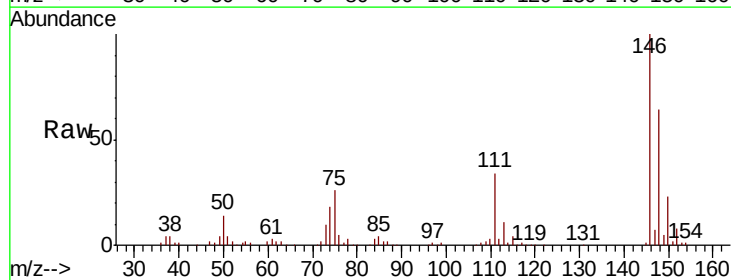


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

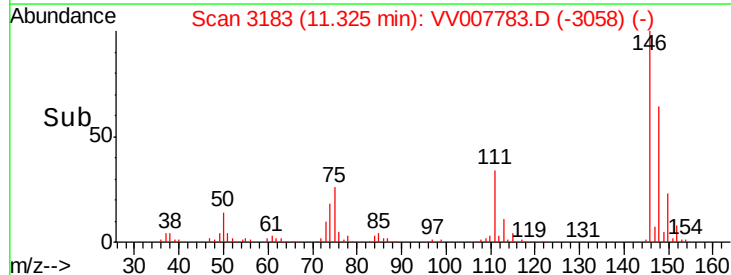
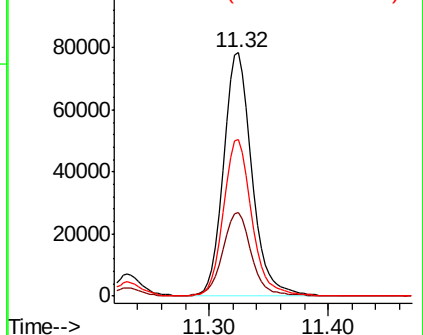


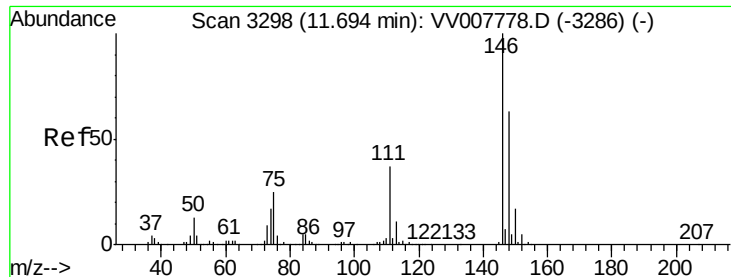
#63
 1,4-Dichlorobenzene
 Concen: 42.389 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

Tgt Ion:146 Resp: 129948
 Ion Ratio Lower Upper
 146 100
 111 34.3 24.4 45.4
 148 64.4 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

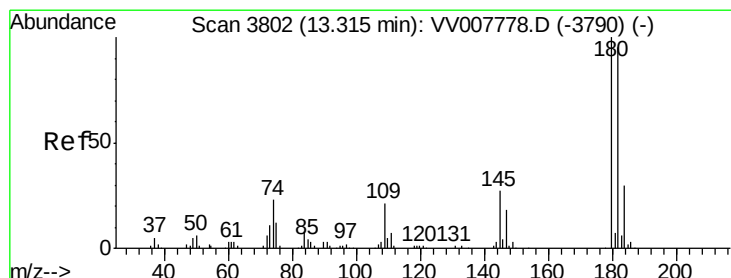
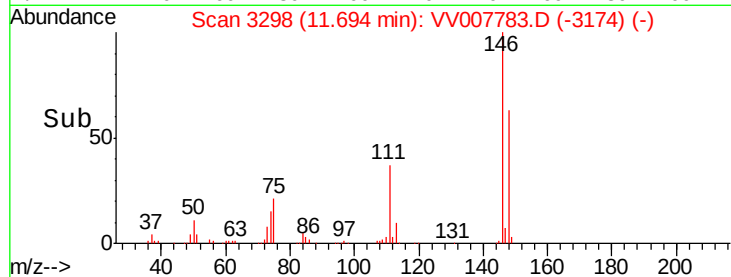
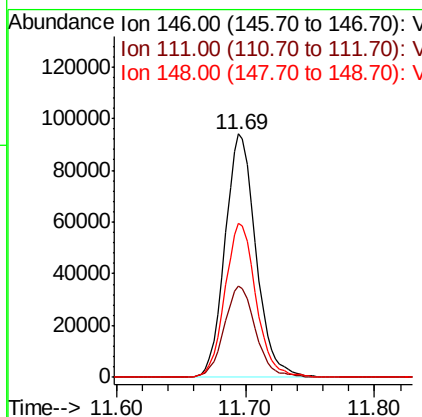
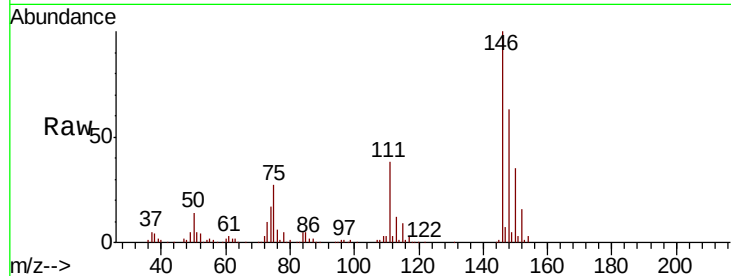




#65
 1,2-Dichlorobenzene
 Concen: 52.244 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

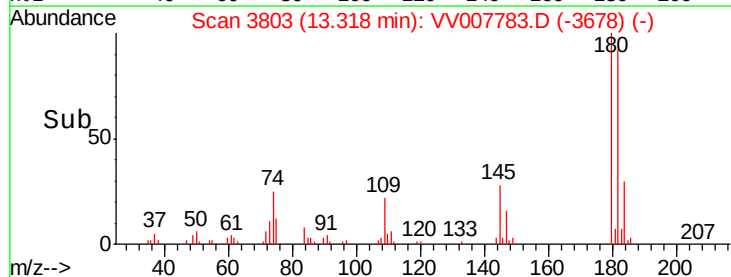
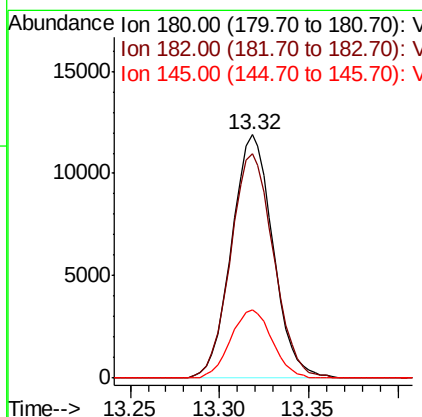
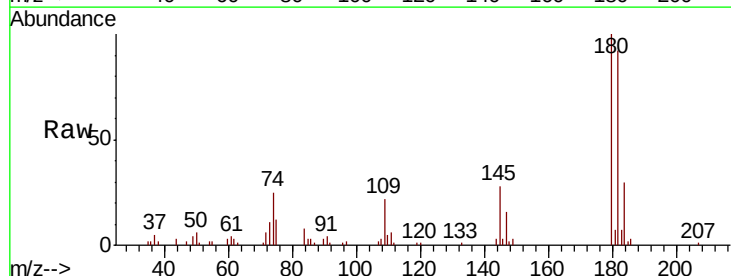
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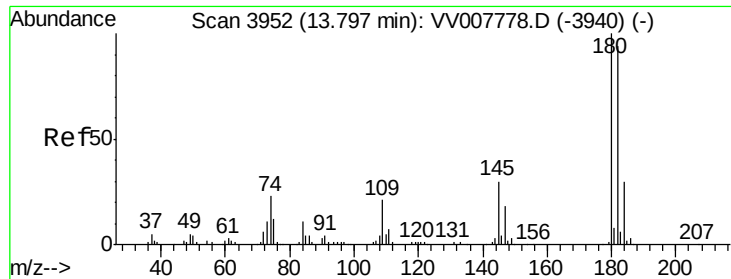
Tot Ion:146 Resp: 156128
 Ion Ratio Lower Upper
 146 100
 111 37.6 29.8 44.8
 148 63.4 50.8 76.2



#68
 1,2,4-trichlorobenzene
 Concen: 8.621 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

Tgt Ion:180 Resp: 19206
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.6
 145 28.0 22.2 33.2

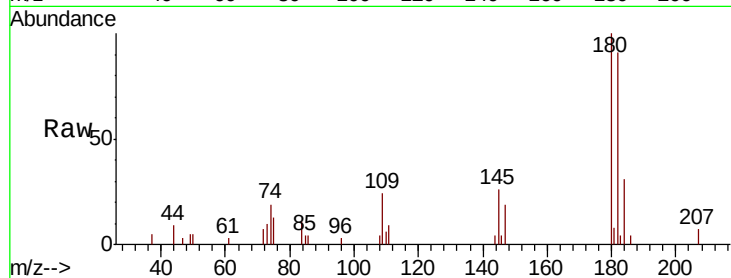




#70
 1,2,3-Trichlorobenzene
 Concen: 2.395 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R7

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.4	116.2
145	29.0	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

