

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112618\
 Data File : VV008712.D
 Acq On : 26 Nov 2018 14:00
 Operator : SY/MD
 Sample : J6036-01
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0923

Manual Integrations
 APPROVED

apatel
 11/27/2018 1:58:05 PM

Quant Time: Nov 29 10:33:21 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	262168	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	244175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82210	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.90%
7) Chloroethane-d5	1.57	69	61336	60.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.42%
11) 1,1-Dichloroethene-d2	2.13	63	117463	38.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.96%
21) 2-Butanone-d5	3.93	46	143975	95.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.51%
24) Chloroform-d	4.41	84	184961	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.08	65	122187	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.98%
32) Benzene-d6	5.10	84	386968	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.12	67	121468	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.32%
41) Toluene-d8	7.36	98	348283	51.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.18%
43) trans-1,3-Dichloropropene-	7.67	79	52686	49.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.22%
47) 2-Hexanone-d5	8.13	63	102287	95.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155403	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.68	152	131054m	53.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

					Ovalue
13) Acetone	2.19	43	25386	17.019	ug/L 96
51) Chlorobenzene	8.93	112	213171	41.043	ug/L 93
62) 1,3-Dichlorobenzene	11.23	146	21897	5.834	ug/L 96
63) 1,4-Dichlorobenzene	11.32	146	165841	43.356	ug/L 97
65) 1,2-Dichlorobenzene	11.69	146	1038109	267.975	ug/L 96
68) 1,2,4-trichlorobenzene	13.31	180	104644	52.773	ug/L 97
70) 1,2,3-Trichlorobenzene	13.80	180	62084	30.449	ug/L 98

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

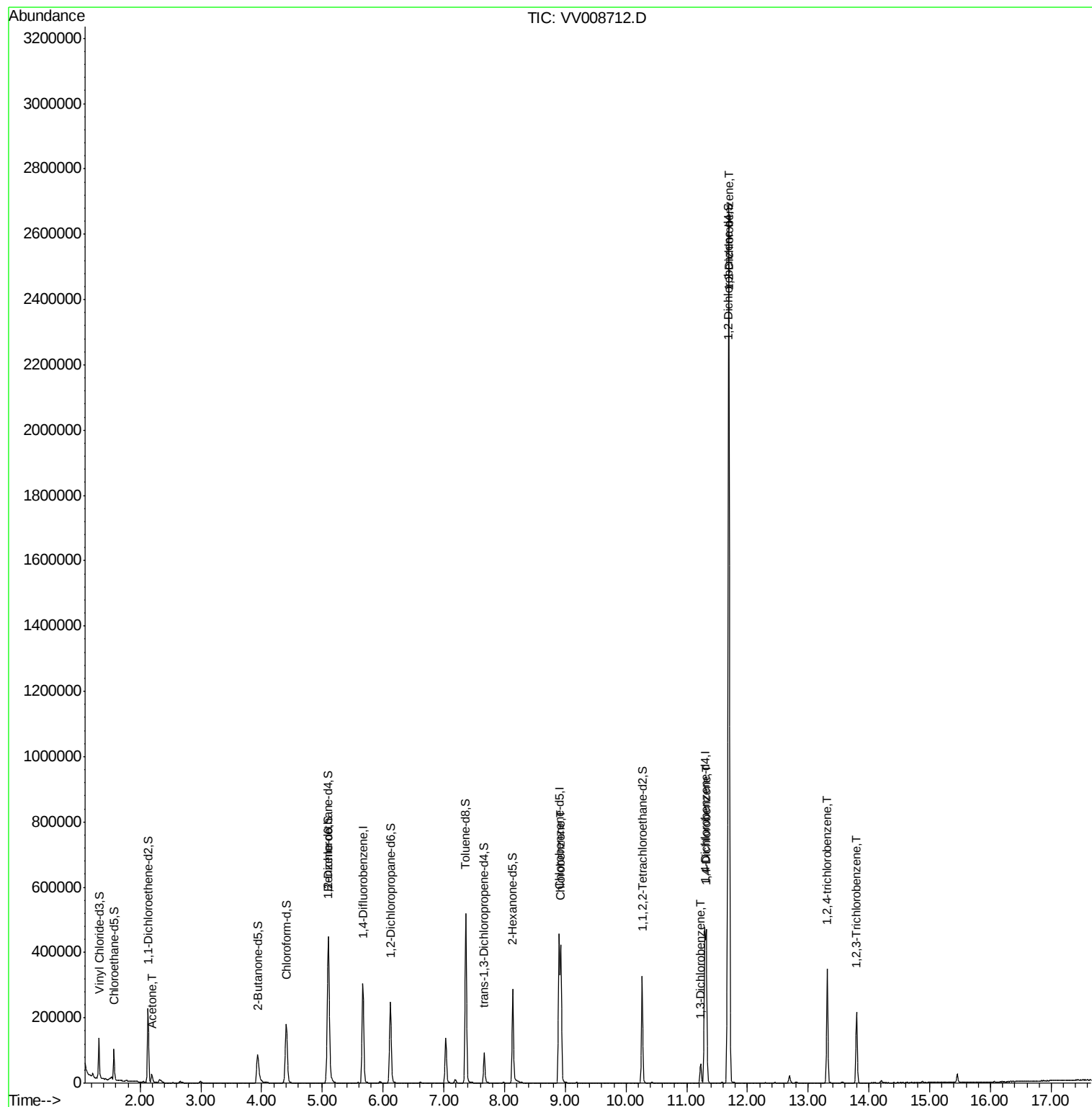
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112618\
Data File : VV008712.D
Acq On : 26 Nov 2018 14:00
Operator : SY/MD
Sample : J6036-01
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

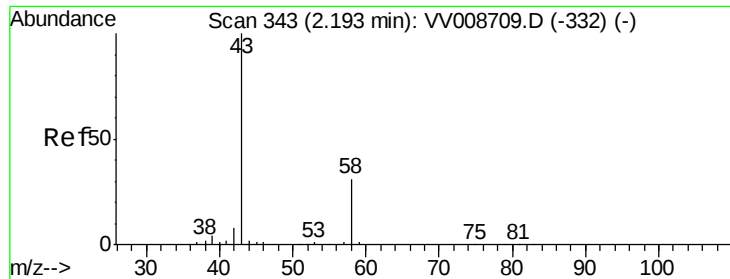
Instrument :
MSVOA_V
ClientSampleId :
C0923

Manual Integrations
APPROVED

apatel
11/27/2018 1:58:05 PM

Quant Time: Nov 29 10:33:21 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





#13

Acetone

Concen: 17.019 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

Instrument :

MSVOA_V

ClientSampled :

C0923

Tot Ion: 43 Resp: 25386

Ion Ratio Lower Upper

43 100

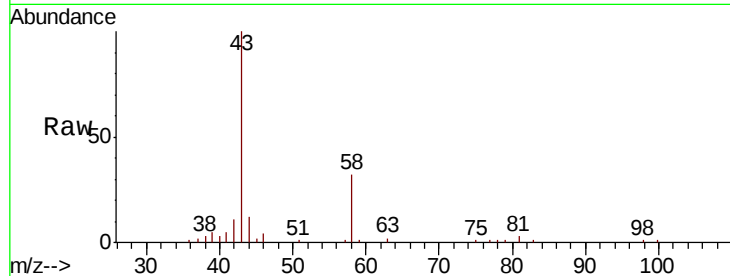
58 29.4 0.0 62.8

Manual Integrations

APPROVED

apatel

11/27/2018 1:58:05 PM



Abundance Ion 43.00 (42.70 to 43.70): VV008712.D (-250) (-)

Ion 58.00 (57.70 to 58.70): VV008712.D (-250) (-)

15000

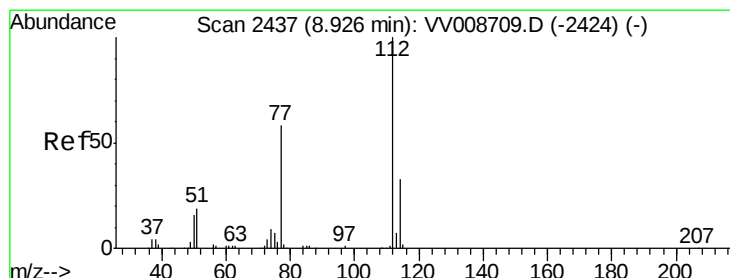
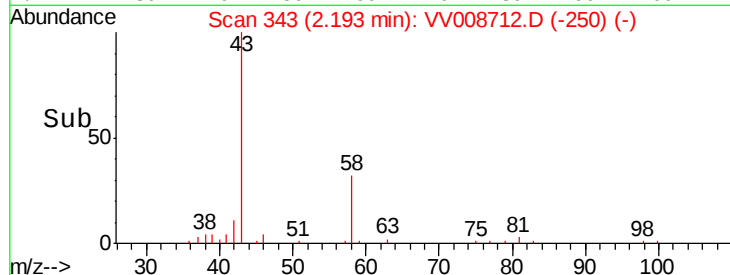
10000

5000

0

Time-->

2.10 2.15 2.20 2.25



#51

Chlorobenzene

Concen: 41.043 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

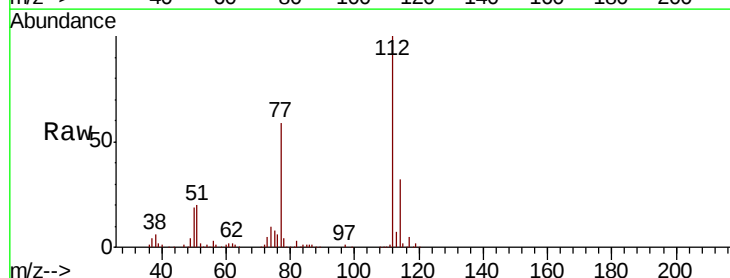
Tgt Ion: 112 Resp: 213171

Ion Ratio Lower Upper

112 100

114 32.3 22.9 42.5

77 59.4 53.8 80.6



Abundance Ion 112.00 (111.70 to 112.70): VV008712.D (-2344) (-)

Ion 114.00 (113.70 to 114.70): VV008712.D (-2344) (-)

Ion 77.00 (76.70 to 77.70): VV008712.D (-2344) (-)

150000

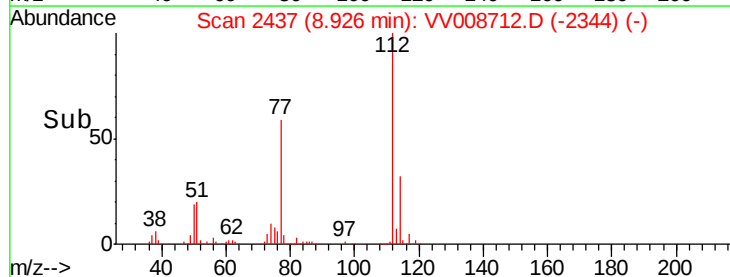
100000

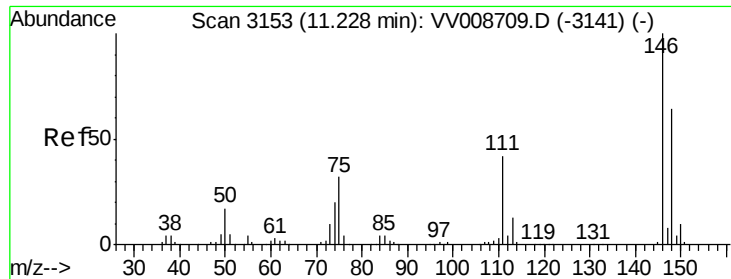
50000

0

Time-->

8.85 8.90 8.95 9.00





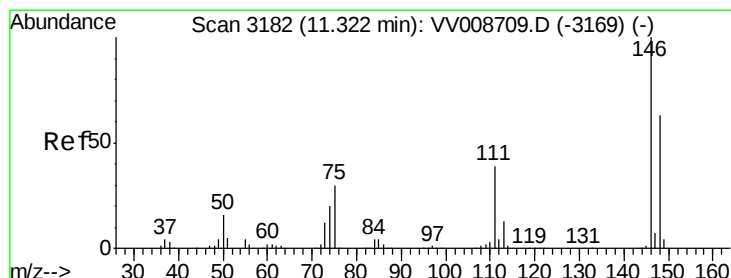
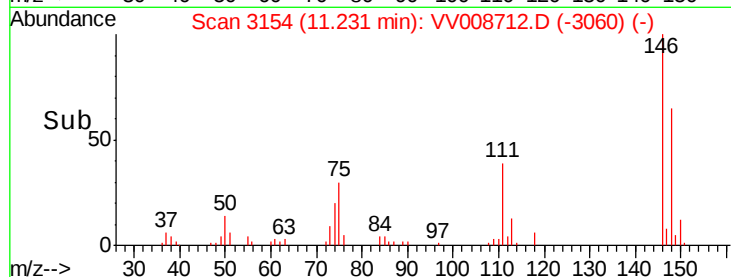
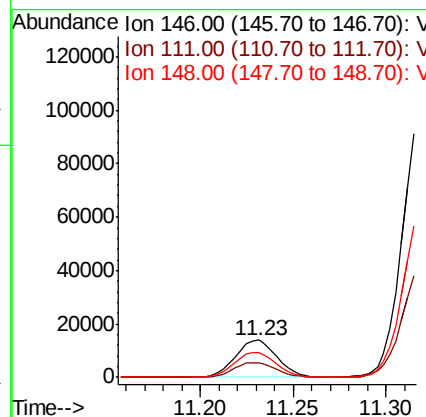
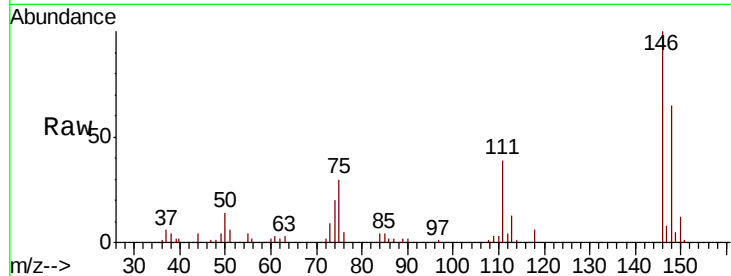
#62
 1,3-Dichlorobenzene
 Concen: 5.834 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0923

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	27.9	51.7
148	65.1	42.7	79.3

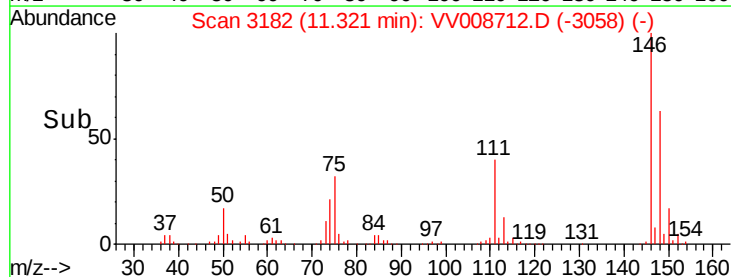
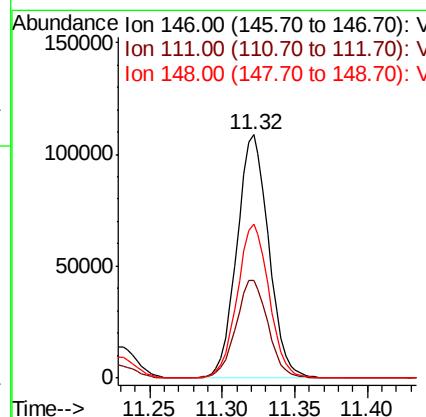
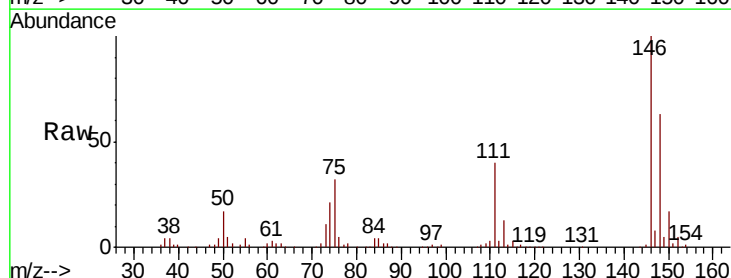
Manual Integrations
 APPROVED

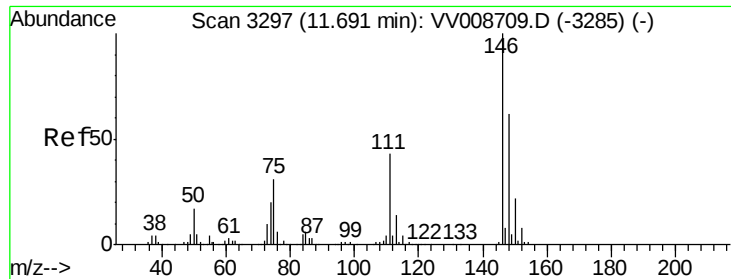
apatel
 11/27/2018 1:58:05 PM



#63
 1,4-Dichlorobenzene
 Concen: 43.356 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	27.7	51.5
148	63.3	46.4	86.2





#65

1,2-Dichlorobenzene

Concen: 267.975 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

Instrument :

MSVOA_V

ClientSampleId :

C0923

Tot Ion:146 Resp: 1038109

Ion Ratio Lower Upper

146 100

111 42.2 36.5 54.7

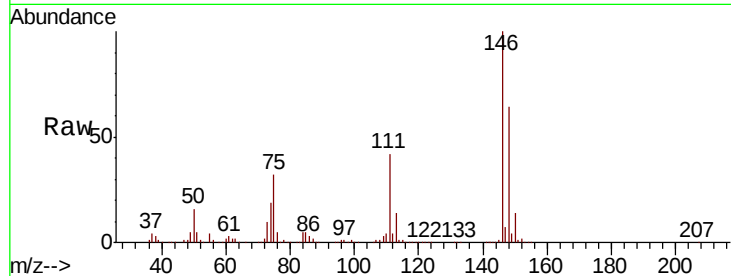
148 63.8 48.7 73.1

Manual Integrations

APPROVED

apatel

11/27/2018 1:58:05 PM

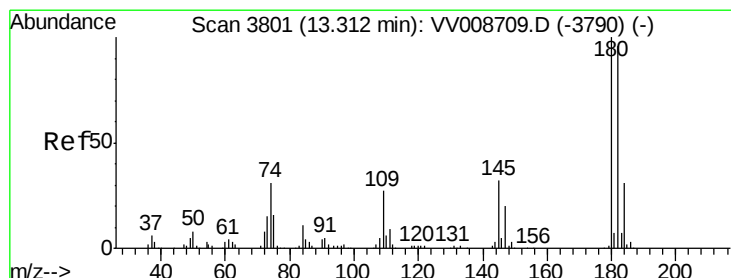
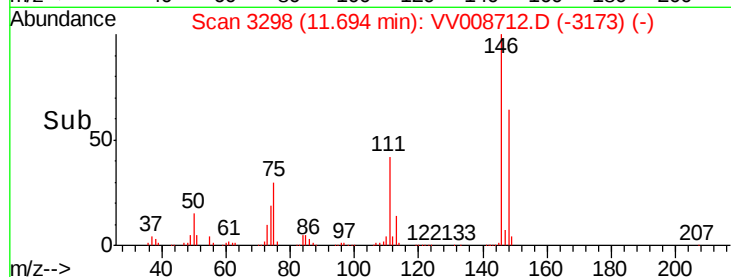
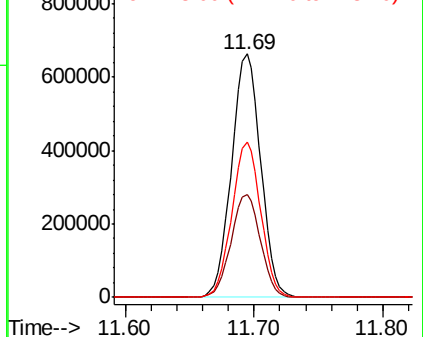


Abundance

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: 52.773 ug/L

RT: 13.31 min Scan# 3801

Delta R.T. -0.00 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

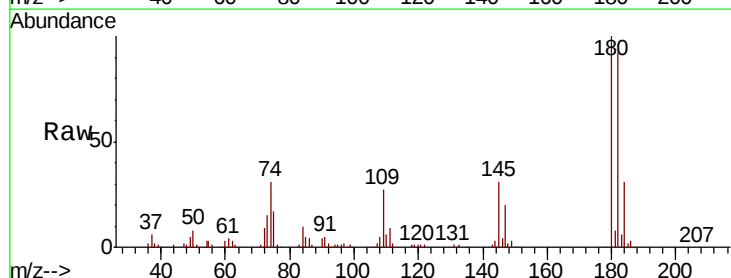
Tgt Ion:180 Resp: 104644

Ion Ratio Lower Upper

180 100

182 93.5 75.7 113.5

145 31.3 28.0 42.0

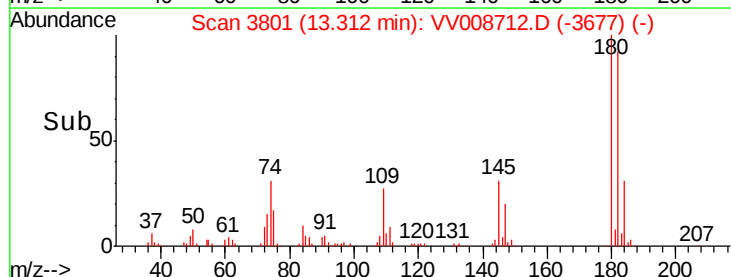
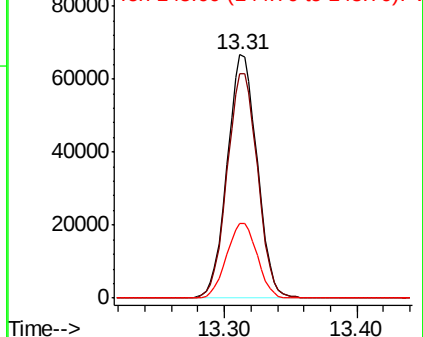


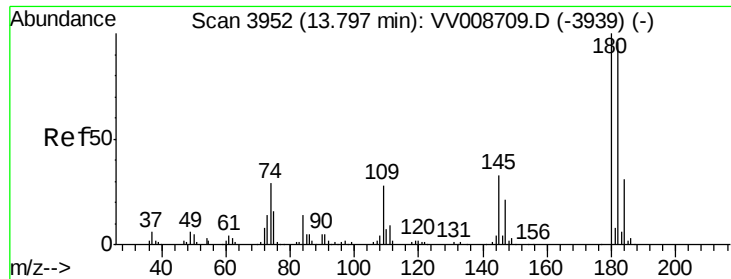
Abundance

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: 30.449 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0923

Tot Ion:	180	Resp:	62084
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.5	116.3
145	33.7	28.9	43.3

Manual Integrations
 APPROVED

apatel
 11/27/2018 1:58:05 PM

