

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032520\
 Data File : VV015145.D
 Acq On : 25 Mar 2020 19:42
 Operator : SY/MD
 Sample : L1968-10 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CODE0

Quant Time: Mar 26 02:22:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 02:00:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	581086	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	555970	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	243132	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210613	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.70%
7) Chloroethane-d5	1.58	69	194413	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.34%
11) 1,1-Dichloroethene-d2	2.12	63	321759	33.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.24%
21) 2-Butanone-d5	3.94	46	317164	99.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.48%
24) Chloroform-d	4.38	84	366377	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	5.06	65	248964	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
32) Benzene-d6	5.08	84	726867	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
36) 1,2-Dichloropropane-d6	6.10	67	237957	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.54%
41) Toluene-d8	7.34	98	680168	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%
43) trans-1,3-Dichloropropene-	7.64	79	116413	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.56%
47) 2-Hexanone-d5	8.11	63	252258	99.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	348507	46.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	246663	45.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.72%

Target Compounds

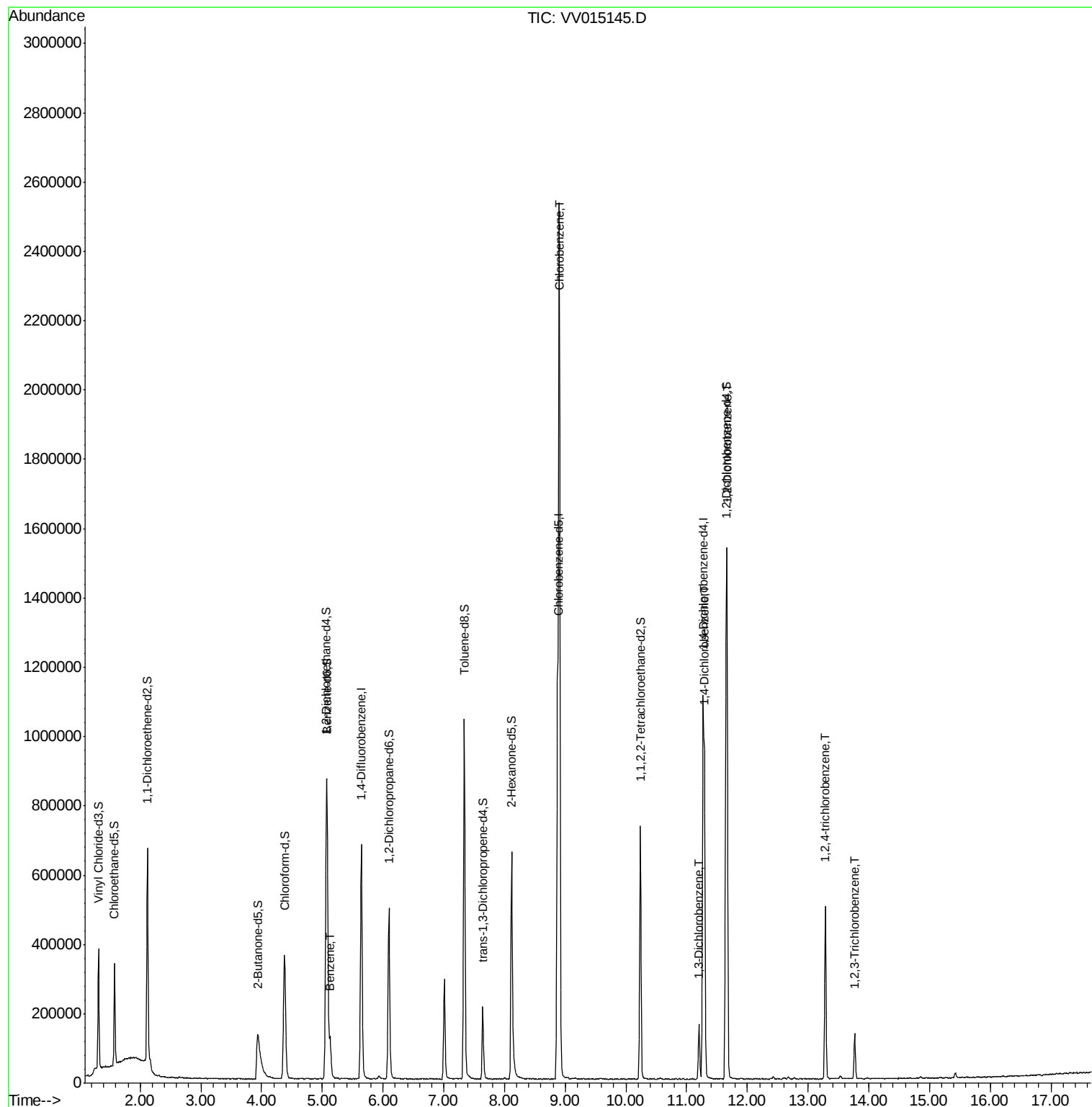
						Qvalue
33) Benzene	5.13	78	113482	7.93	ug/L	100
51) Chlorobenzene	8.90	112	1281998	124.29	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	58381	8.20	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	315139	43.44	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	467232	65.03	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	127388	28.19	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	33730	7.51	ug/L	98

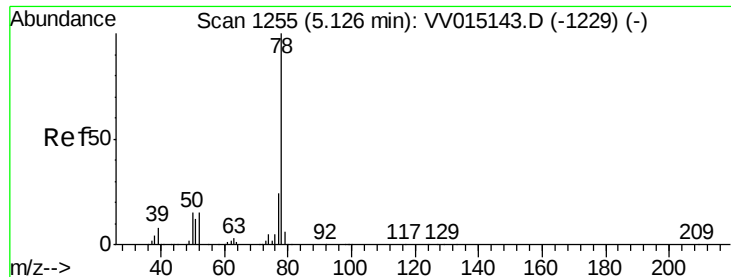
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032520\
Data File : VV015145.D
Acq On : 25 Mar 2020 19:42
Operator : SY/MD
Sample : L1968-10 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DE0

Quant Time: Mar 26 02:22:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 02:00:02 2020
Response via : Initial Calibration





#33

Benzene

Concen: 7.93 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV015145.D

Acq: 25 Mar 2020 19:42

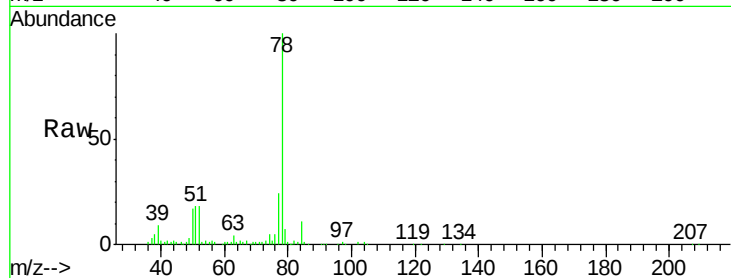
Instrument :

MSVOA_V

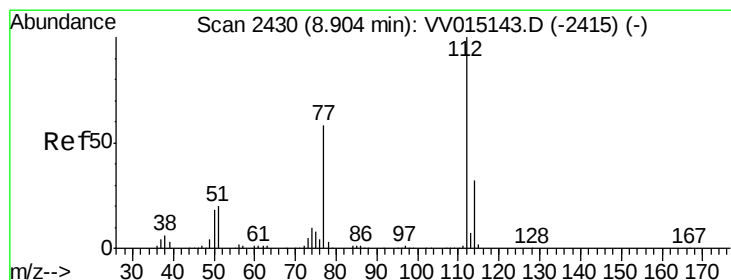
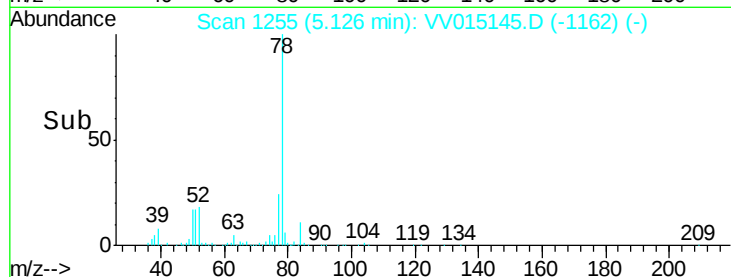
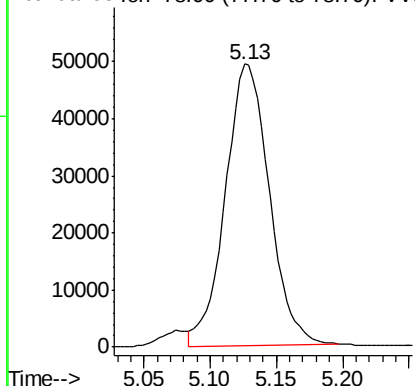
ClientSampleId :

C0DE0

Tgt Ion: 78 Resp: 113482



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 124.29 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

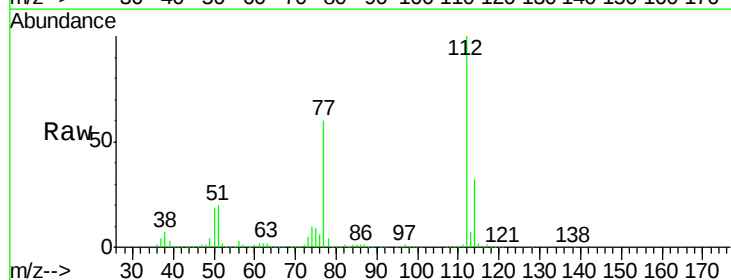
Lab File: VV015145.D

Acq: 25 Mar 2020 19:42

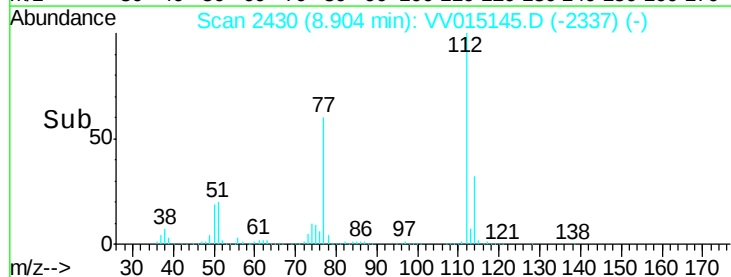
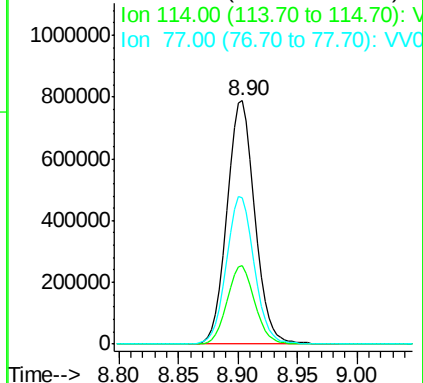
Tgt Ion: 112 Resp: 1281998

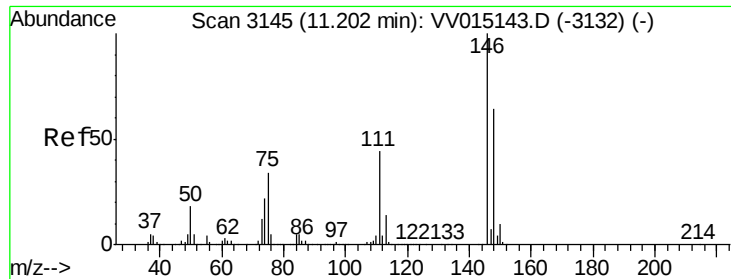
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.0	40.8
77	60.3	47.2	70.8

112	100		
114	32.1	22.0	40.8
77	60.3	47.2	70.8



Abundance Ion 112.00 (111.70 to 112.70): V





#62

1,3-Dichlorobenzene

Concen: 8.20 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015145.D

Acq: 25 Mar 2020 19:42

Instrument :

MSVOA_V

ClientSampleId :

C0DE0

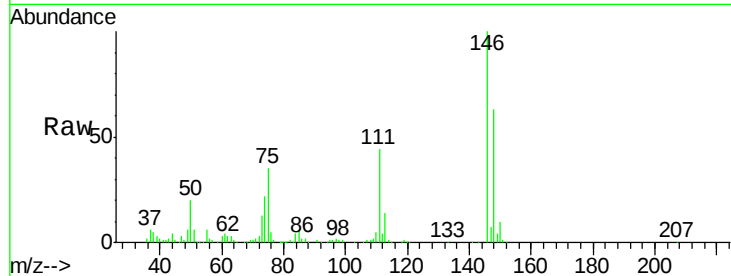
Tgt Ion:146 Resp: 58381

Ion Ratio Lower Upper

146 100

111 44.4 29.3 54.5

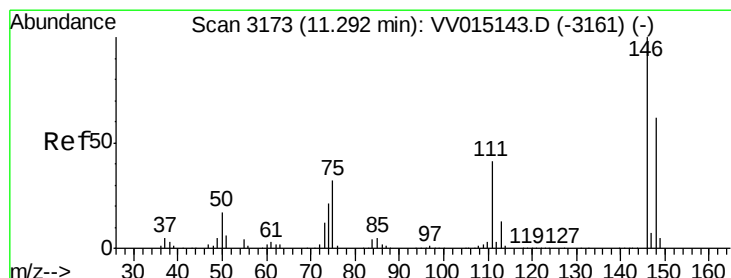
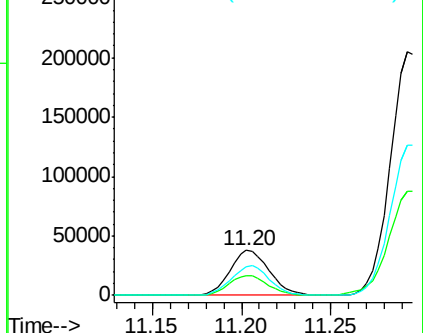
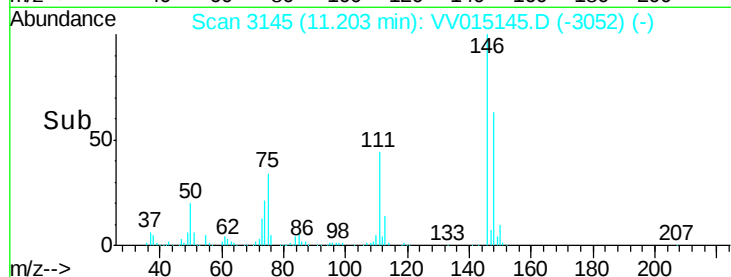
148 62.7 44.7 82.9



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: 43.44 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV015145.D

Acq: 25 Mar 2020 19:42

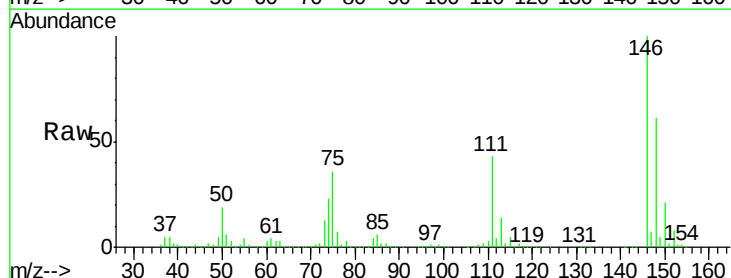
Tgt Ion:146 Resp: 315139

Ion Ratio Lower Upper

146 100

111 42.8 28.4 52.8

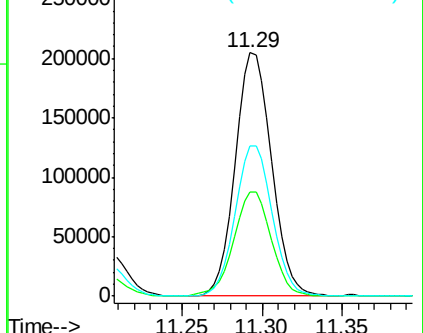
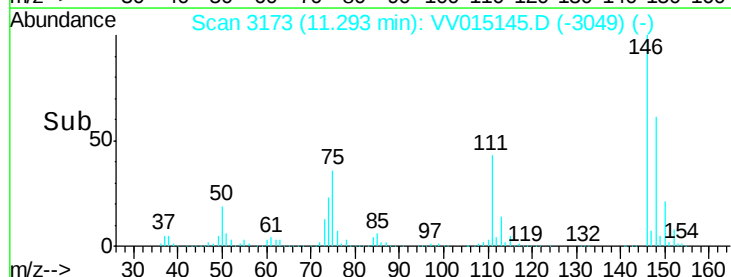
148 61.4 44.0 81.8

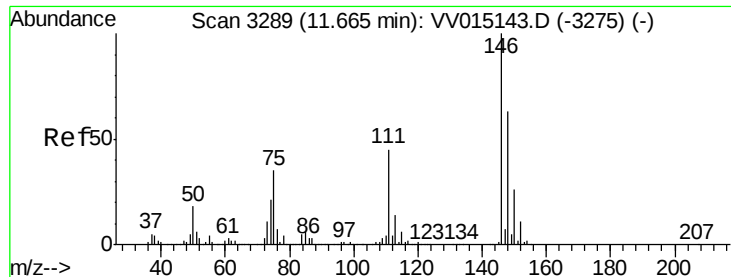


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 65.03 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015145.D

Acq: 25 Mar 2020 19:42

Instrument :

MSVOA_V

ClientSampleId :

CODE0

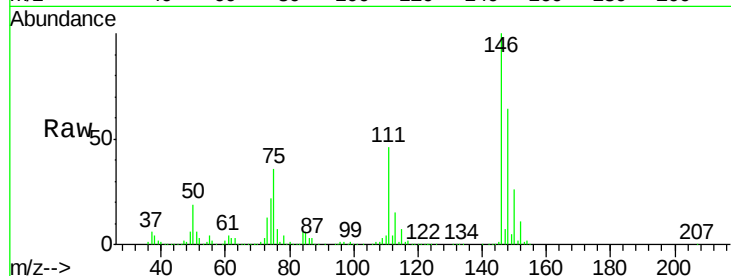
Tgt Ion:146 Resp: 467232

Ion Ratio Lower Upper

146 100

111 45.5 35.4 53.2

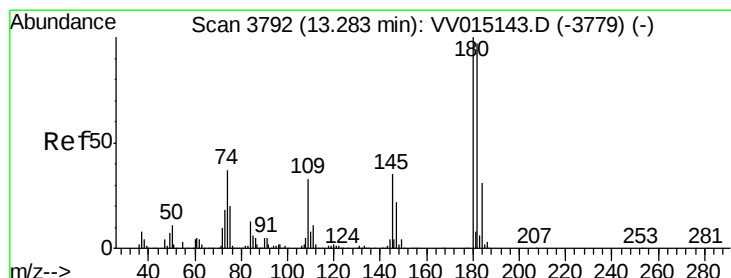
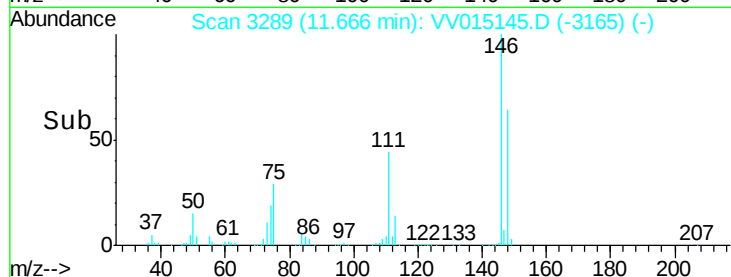
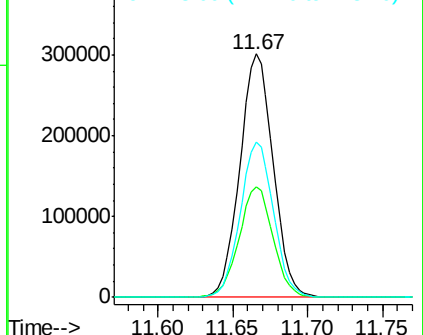
148 63.6 49.7 74.5



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: 28.19 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VV015145.D

Acq: 25 Mar 2020 19:42

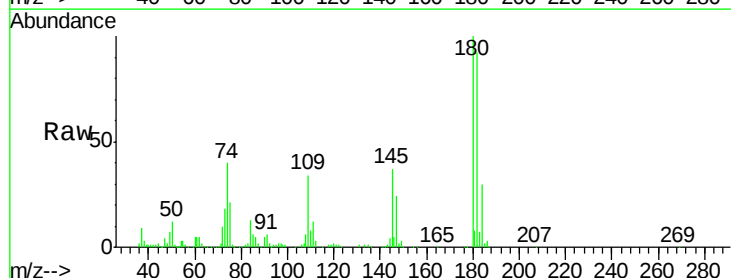
Tgt Ion:180 Resp: 127388

Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

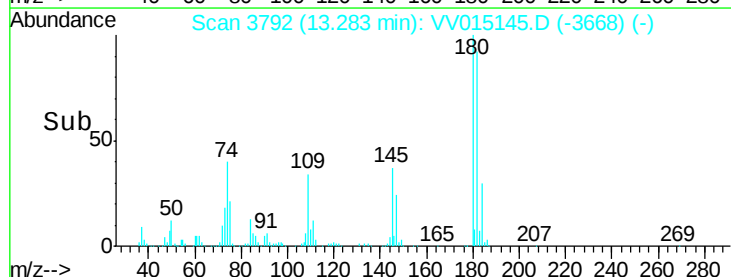
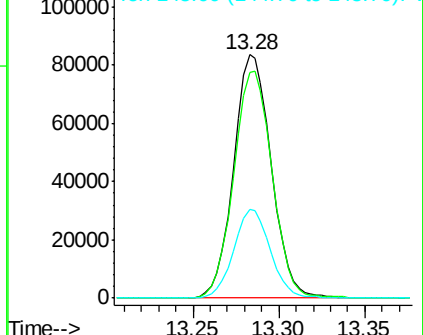
145 35.6 26.6 40.0

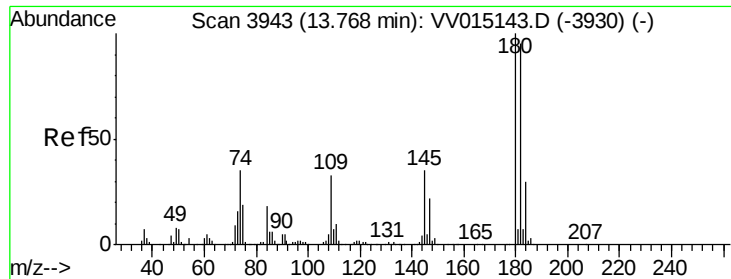


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 7.51 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015145.D
 Acq: 25 Mar 2020 19:42

Instrument :
 MSVOA_V
 ClientSampleId :
 CODE0

Tgt Ion:180 Resp: 33730
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.3 114.5
 145 38.1 29.6 44.4

