

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019048.D
 Acq On : 21 Oct 2020 14:37
 Operator : SY/MD
 Sample : L4483-05 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH3

Quant Time: Oct 22 20:45:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	296432	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274669	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153235	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64972	26.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.26%#
7) Chloroethane-d5	1.58	69	66728	34.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.04%#
11) 1,1-Dichloroethene-d2	2.12	63	116513	25.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.58%#
21) 2-Butanone-d5	3.91	46	147304	86.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.61%
24) Chloroform-d	4.38	84	169483	38.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.32%
26) 1,2-Dichloroethane-d4	5.06	65	120504	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.82%
32) Benzene-d6	5.08	84	317988	39.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.32%
36) 1,2-Dichloropropane-d6	6.09	67	120034	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.64%
41) Toluene-d8	7.34	98	240949	33.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.00%#
43) trans-1,3-Dichloropropene-	7.64	79	44805	35.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.50%
47) 2-Hexanone-d5	8.11	63	74451	78.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.17%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	124139	41.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	123864	39.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.46%#

Target Compounds

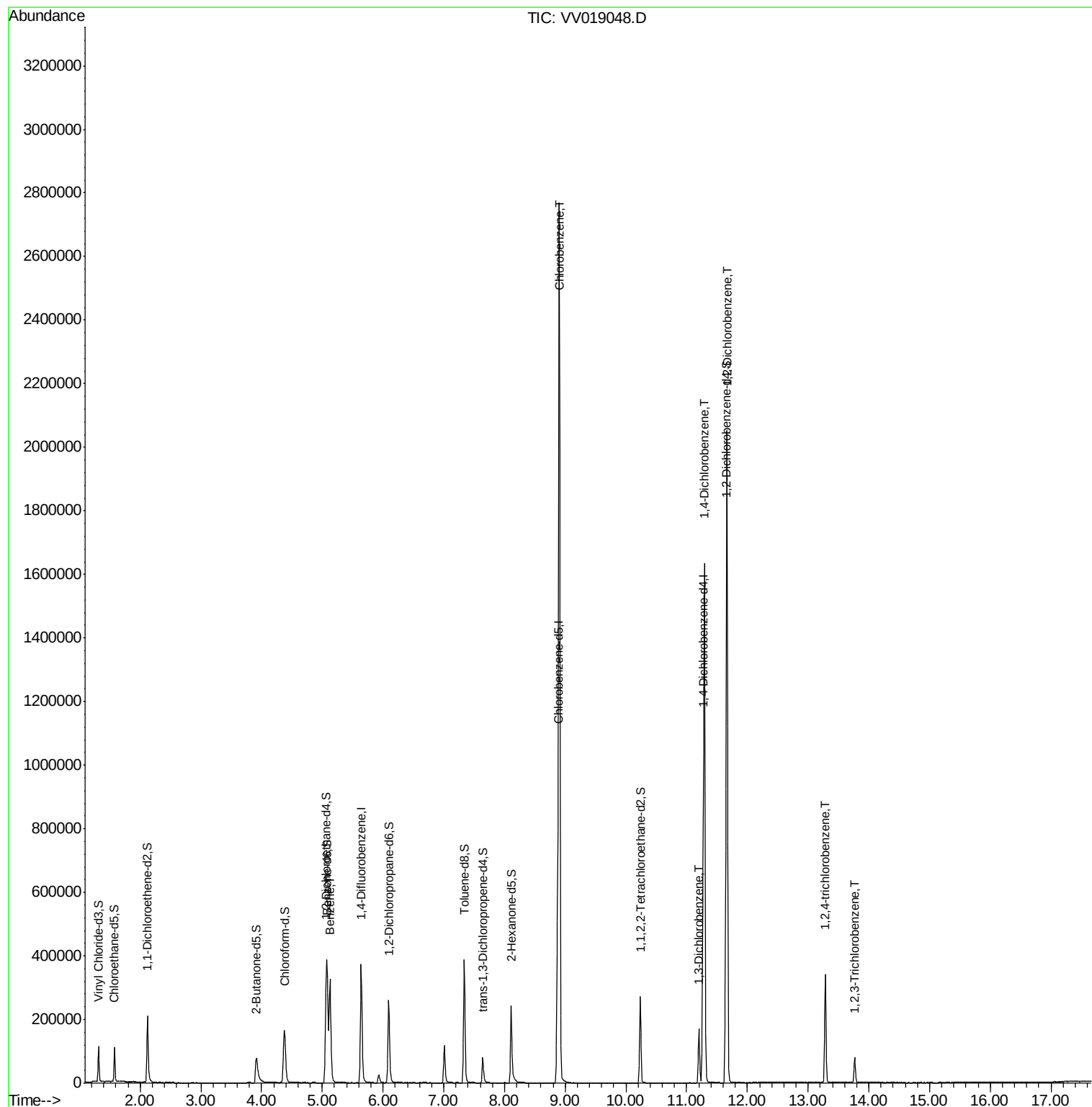
					Ovalue
33) Benzene	5.13	78	310253	36.848	ug/L 100
51) Chlorobenzene	8.90	112	1335167	235.498	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	66132	13.921	ug/L 98
63) 1,4-Dichlorobenzene	11.29	146	578882	115.908	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	736246	153.616	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	98944	33.650	ug/L 100
70) 1,2,3-Trichlorobenzene	13.77	180	24113	8.204	ug/L 96

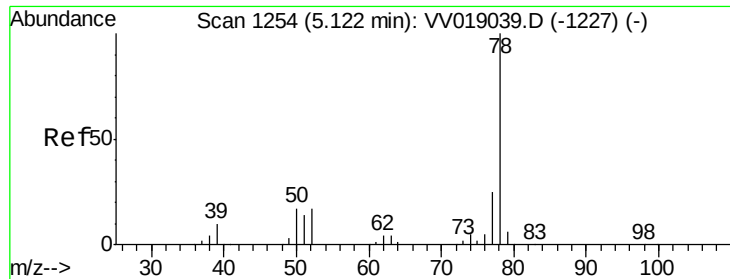
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 36.848 ug/L

RT: 5.13 min Scan# 1255

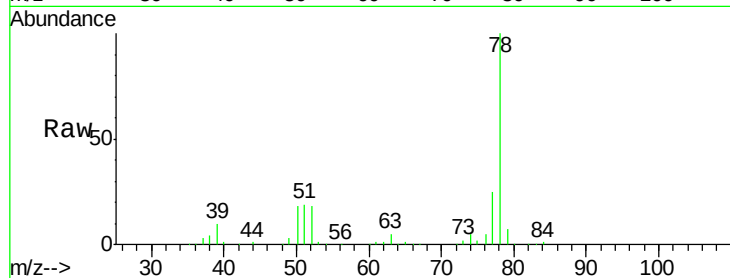
Delta R.T. 0.00 min

Lab File: VV019048.D

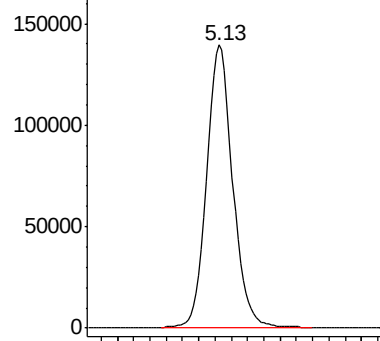
Acq: 21 Oct 2020 14:37

Instrument :
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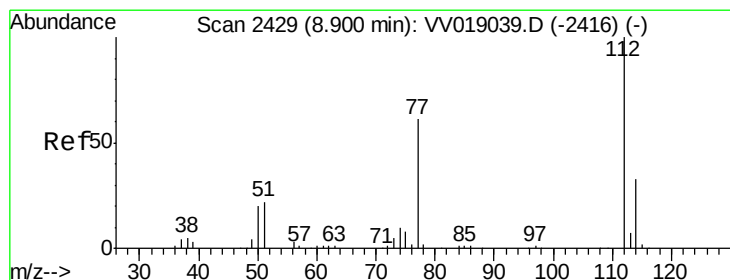
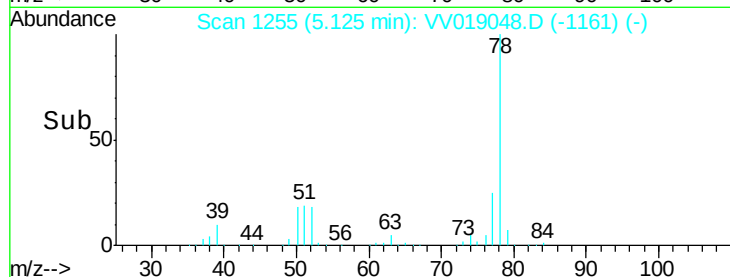
Tgt Ion: 78 Resp: 310253



Abundance Ion 78.00 (77.70 to 78.70): VV0



Time-->



#51

Chlorobenzene

Concen: 235.498 ug/L

RT: 8.90 min Scan# 2429

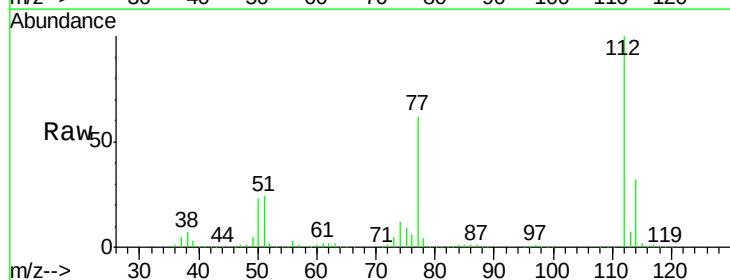
Delta R.T. -0.00 min

Lab File: VV019048.D

Acq: 21 Oct 2020 14:37

Tgt Ion: 112 Resp: 1335167

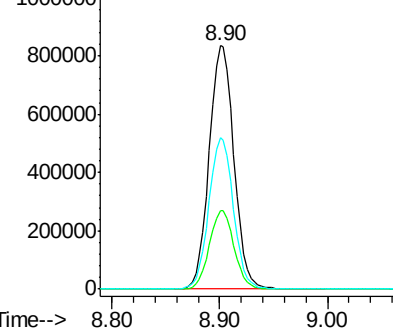
Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.8	40.6
77	62.1	49.2	73.8



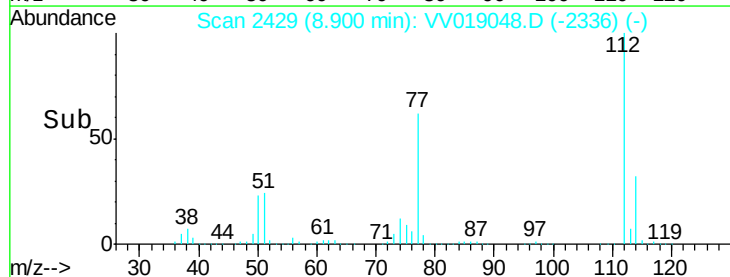
Abundance Ion 112.00 (111.70 to 112.70): V

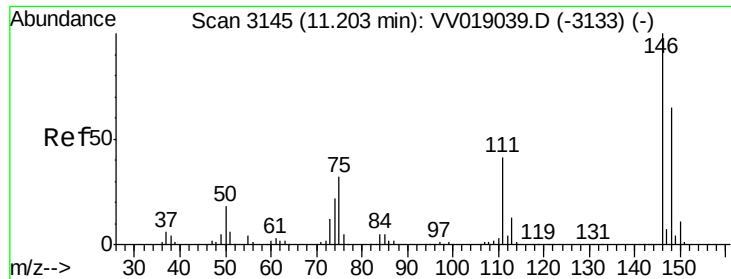
Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0



Time-->





#62

1,3-Dichlorobenzene

Concen: 13.921 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV019048.D

Acq: 21 Oct 2020 14:37

Instrument :

MSVOA_V

ClientSampled :

C0FH3

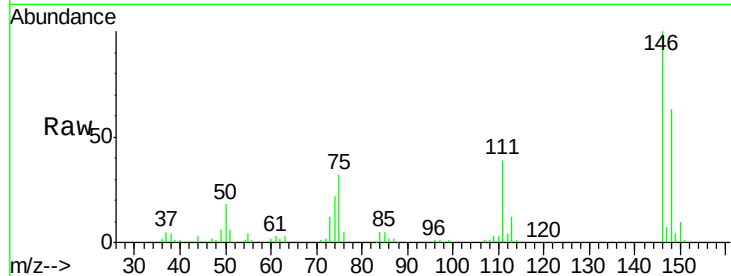
Tot Ion:146 Resp: 66132

Ion Ratio Lower Upper

146 100

111 39.0 28.3 52.7

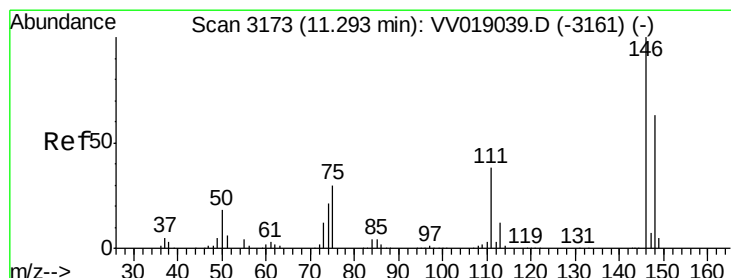
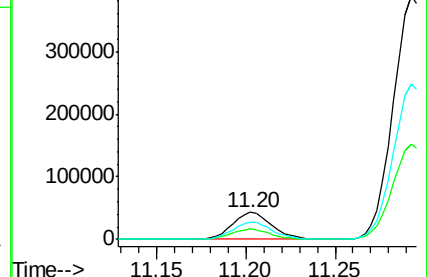
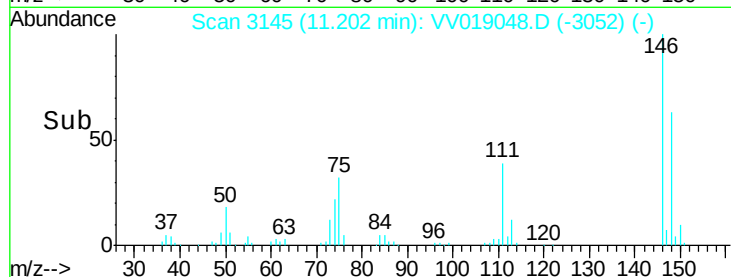
148 62.9 45.1 83.7



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



#63

1,4-Dichlorobenzene

Concen: 115.908 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV019048.D

Acq: 21 Oct 2020 14:37

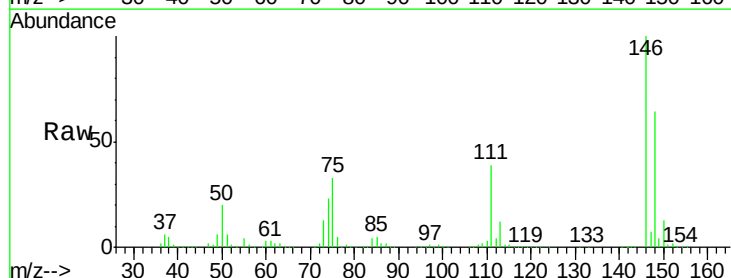
Tgt Ion:146 Resp: 578882

Ion Ratio Lower Upper

146 100

111 39.2 27.5 51.1

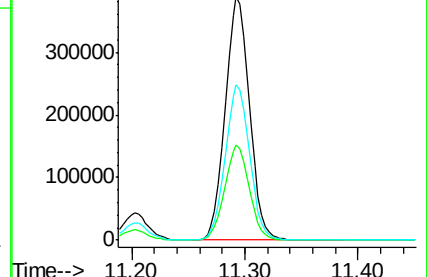
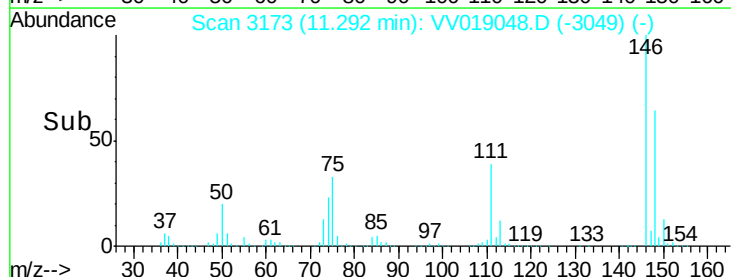
148 63.9 44.1 81.9

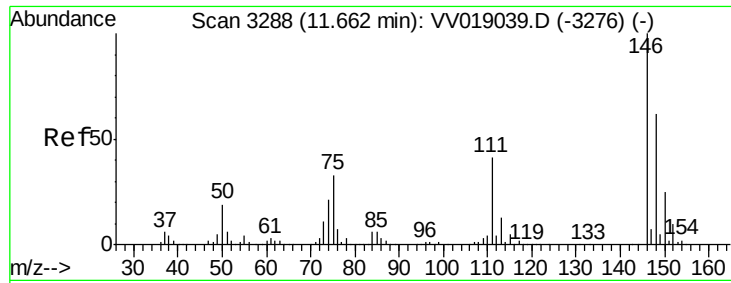


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 153.616 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV019048.D

Acq: 21 Oct 2020 14:37

Instrument :

MSVOA_V

ClientSampleId :

C0FH3

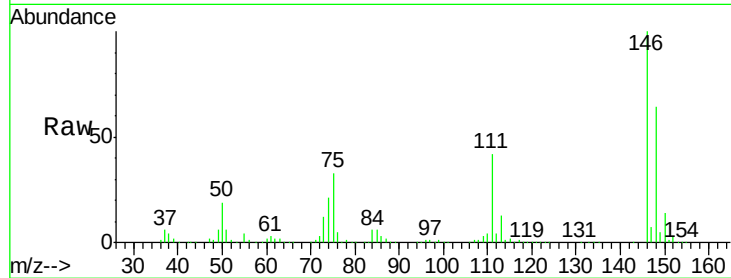
Tot Ion:146 Resp: 736246

Ion Ratio Lower Upper

146 100

111 42.3 33.9 50.9

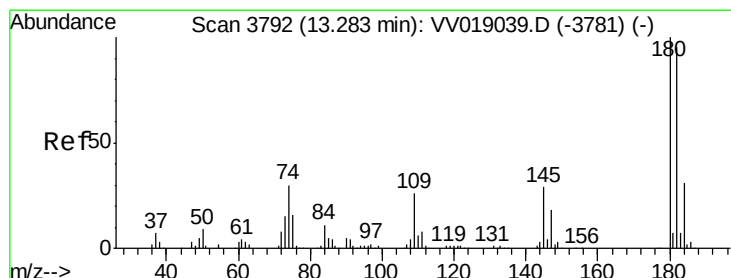
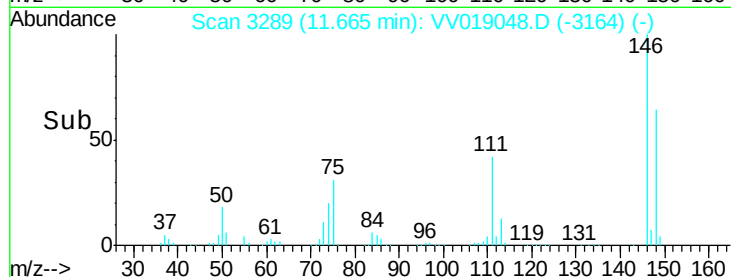
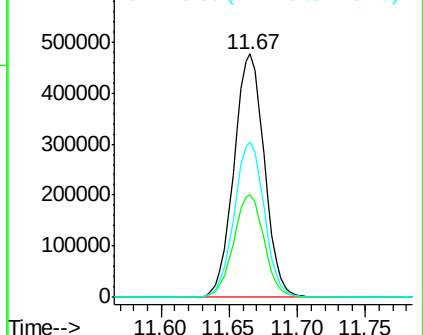
148 63.8 49.8 74.8



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



#68

1,2,4-trichlorobenzene

Concen: 33.650 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. -0.00 min

Lab File: VV019048.D

Acq: 21 Oct 2020 14:37

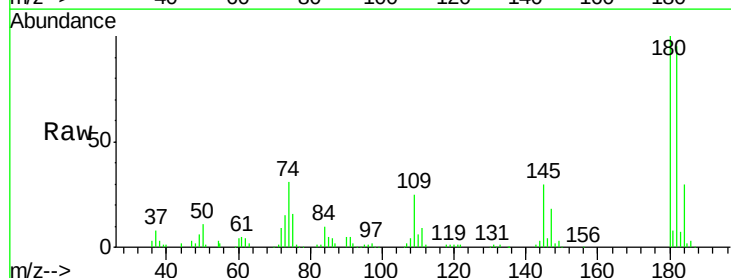
Tgt Ion:180 Resp: 98944

Ion Ratio Lower Upper

180 100

182 96.0 76.5 114.7

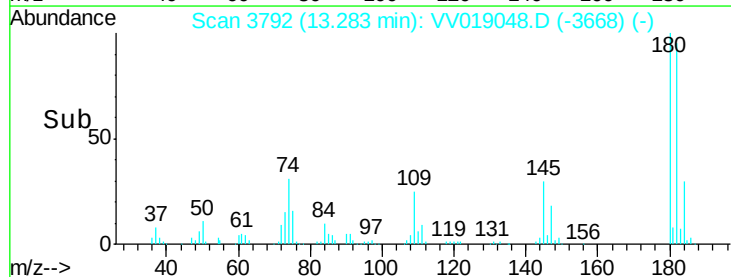
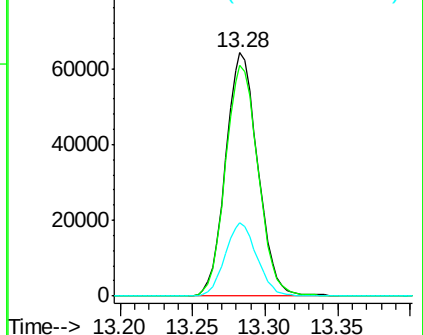
145 29.6 23.7 35.5

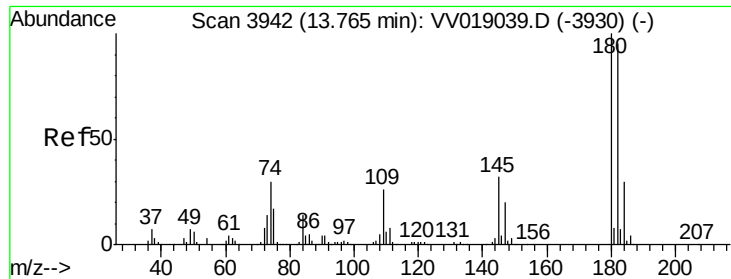


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 8.204 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV019048.D
 Acq: 21 Oct 2020 14:37

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH3

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	91.7	76.8	115.2	
145	31.1	25.4	38.0	

