

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019079.D
 Acq On : 22 Oct 2020 19:47
 Operator : SY/MD
 Sample : L4483-05 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH3

Quant Time: Oct 23 07:38:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308858	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294870	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146562	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	121146	43.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.36%
7) Chloroethane-d5	1.58	69	102783	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.02%
11) 1,1-Dichloroethene-d2	2.12	63	188543	35.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.76%
21) 2-Butanone-d5	3.91	46	173002	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	4.37	84	220609	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
26) 1,2-Dichloroethane-d4	5.05	65	155901	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.07	84	440255	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
36) 1,2-Dichloropropane-d6	6.09	67	142790	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.74%
41) Toluene-d8	7.34	98	367190	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%
43) trans-1,3-Dichloropropene-	7.64	79	67067	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.60%
47) 2-Hexanone-d5	8.11	63	114169	89.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.87%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	174396	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	148007	48.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.30%

Target Compounds

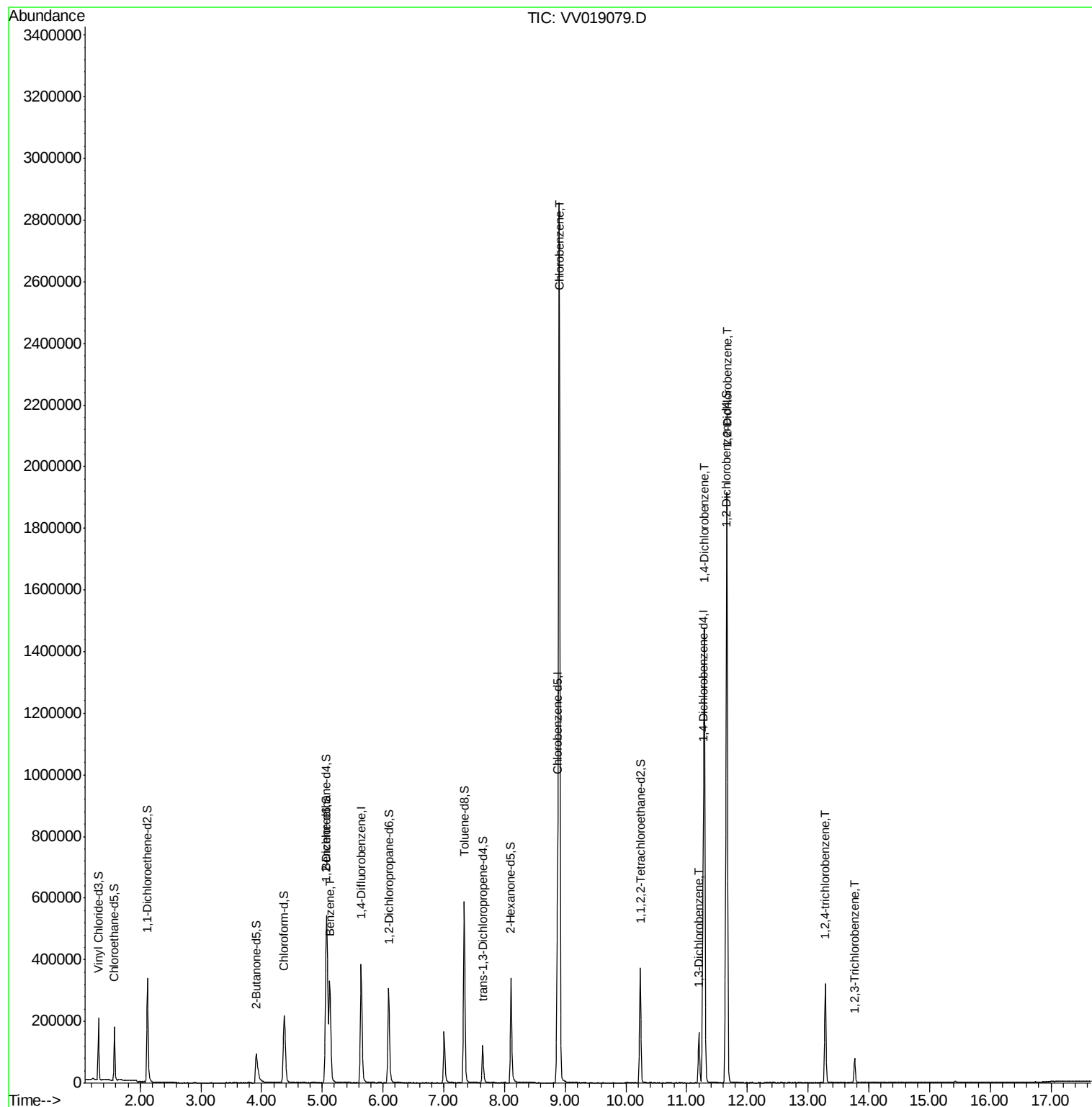
					Ovalue
33) Benzene	5.13	78	315652	34.968	ug/L 100
51) Chlorobenzene	8.90	112	1398700	235.366	ug/L 100
62) 1,3-Dichlorobenzene	11.20	146	64490	14.663	ug/L 96
63) 1,4-Dichlorobenzene	11.29	146	532181	115.796	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	670607	151.223	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	95370	33.676	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	23940	8.343	ug/L 98

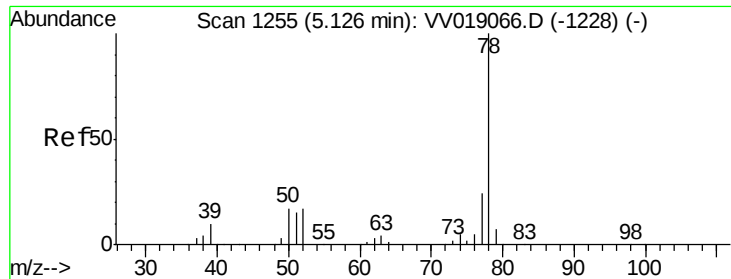
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 13:54:49 2020
Response via : Initial Calibration





#33

Benzene

Concen: 34.968 ug/L

RT: 5.13 min Scan# 1255

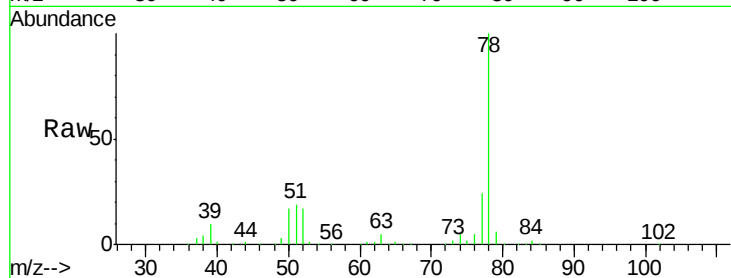
Delta R.T. -0.00 min

Lab File: VV019079.D

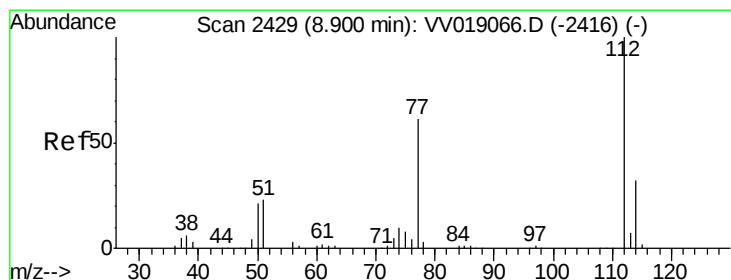
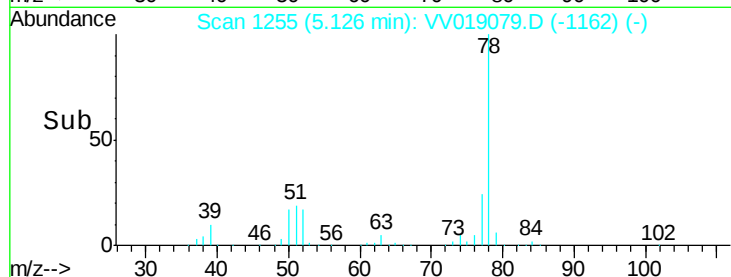
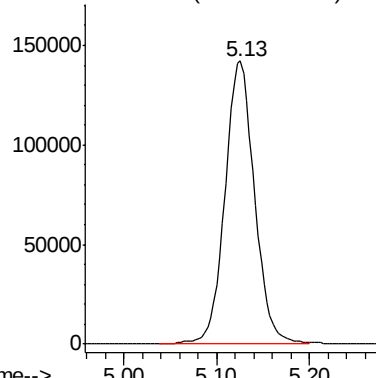
Acq: 22 Oct 2020 19:47

Instrument :
MSVOA_V
ClientSampled :
C0FH3

Tgt Ion: 78 Resp: 315652



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 235.366 ug/L

RT: 8.90 min Scan# 2429

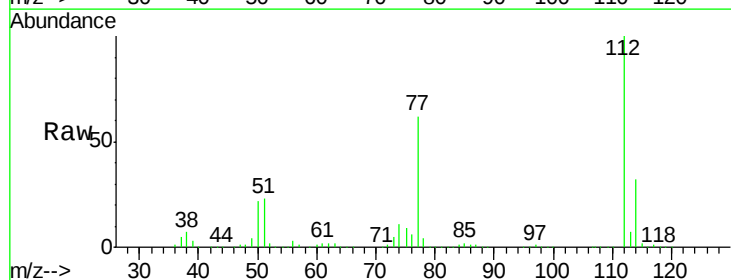
Delta R.T. -0.00 min

Lab File: VV019079.D

Acq: 22 Oct 2020 19:47

Tgt Ion: 112 Resp: 1398700

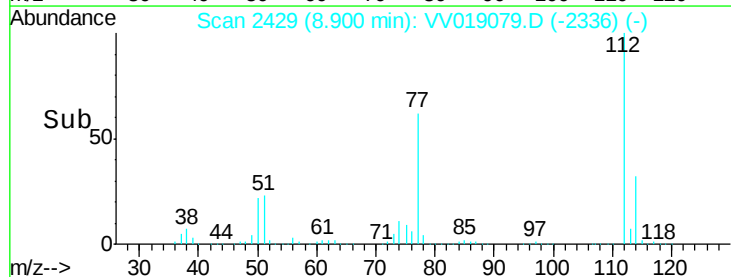
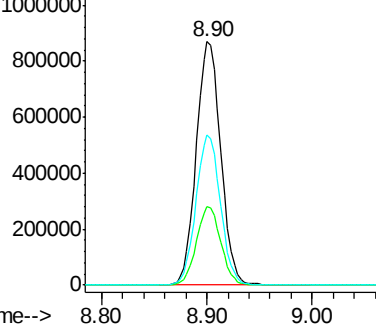
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.2	41.2
77	61.5	49.1	73.7

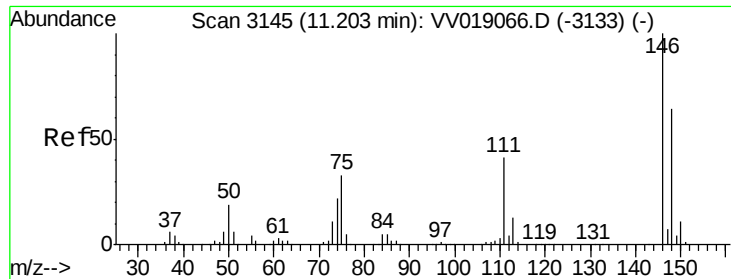


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 14.663 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV019079.D

Acq: 22 Oct 2020 19:47

Instrument :

MSVOA_V

ClientSampleId :

C0FH3

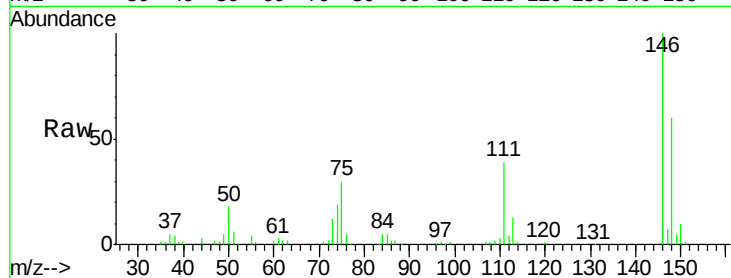
Tot Ion:146 Resp: 64490

Ion Ratio Lower Upper

146 100

111 39.1 28.8 53.4

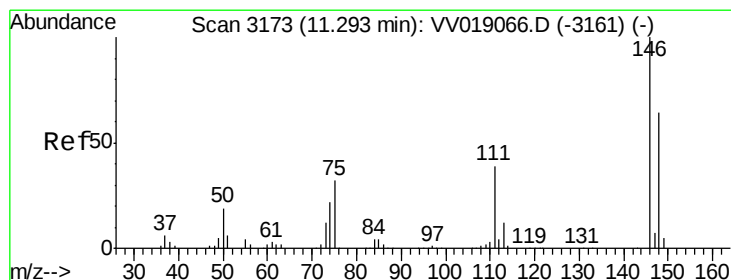
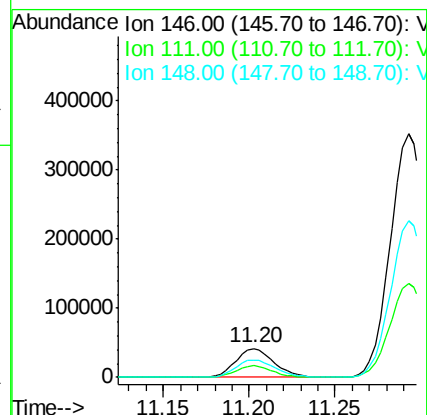
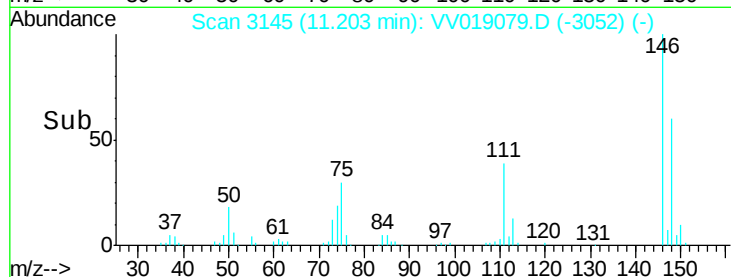
148 59.9 44.5 82.7



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: 115.796 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV019079.D

Acq: 22 Oct 2020 19:47

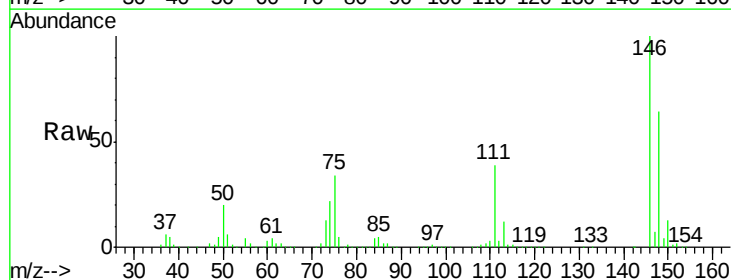
Tgt Ion:146 Resp: 532181

Ion Ratio Lower Upper

146 100

111 38.7 27.8 51.6

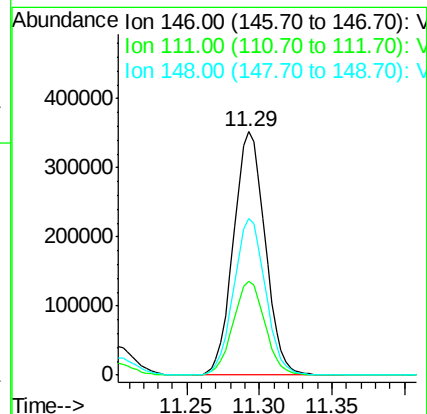
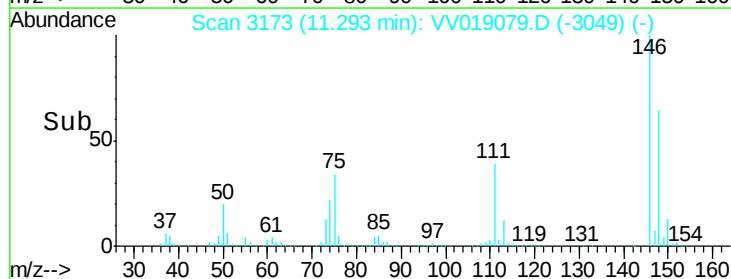
148 64.5 45.1 83.9

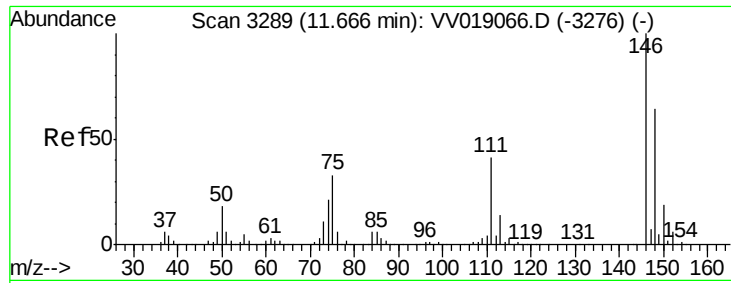


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 151.223 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV019079.D

Acq: 22 Oct 2020 19:47

Instrument :

MSVOA_V

ClientSampled :

C0FH3

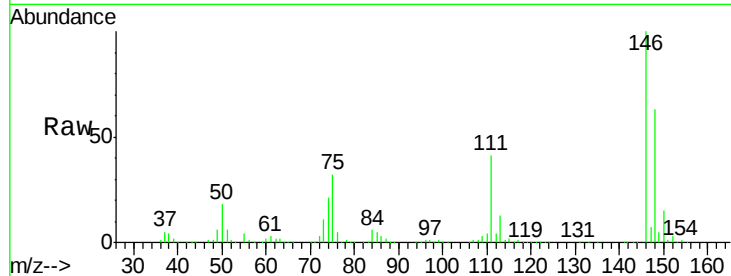
Tot Ion:146 Resp: 670607

Ion Ratio Lower Upper

146 100

111 41.3 33.3 49.9

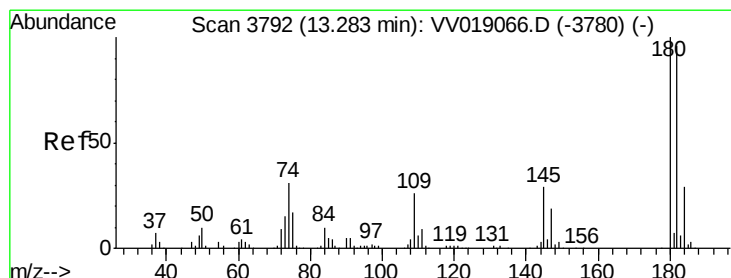
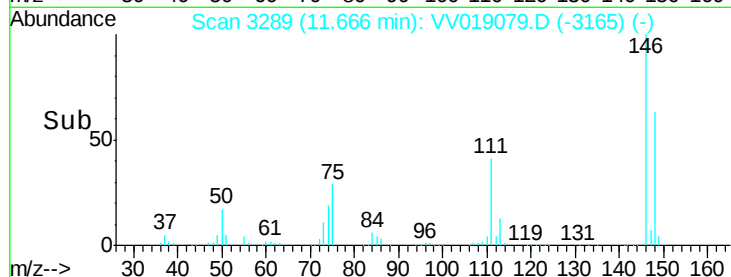
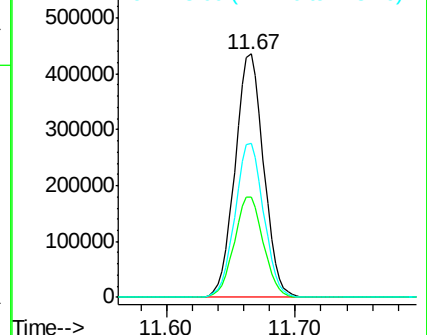
148 63.4 51.1 76.7



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



#68

1,2,4-trichlorobenzene

Concen: 33.676 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. -0.00 min

Lab File: VV019079.D

Acq: 22 Oct 2020 19:47

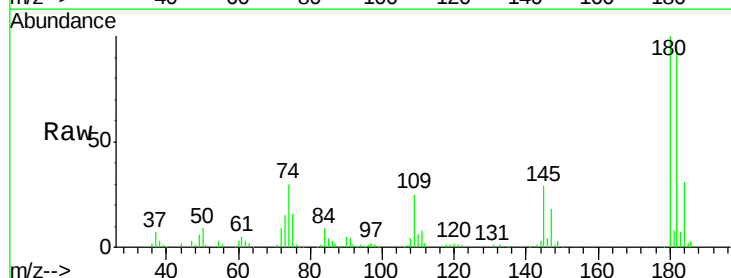
Tgt Ion:180 Resp: 95370

Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.2

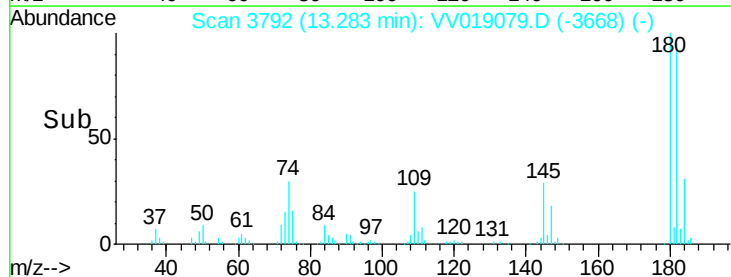
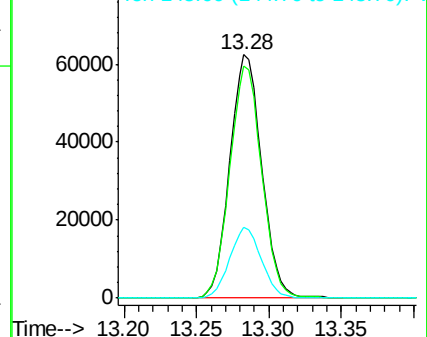
145 28.8 23.7 35.5

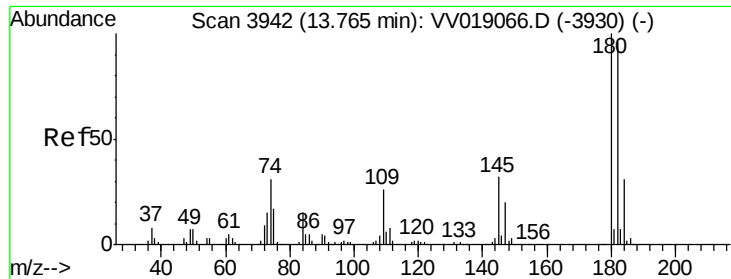


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 8.343 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV019079.D
 Acq: 22 Oct 2020 19:47

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH3

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.9	115.3
145	31.0	25.6	38.4

