

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120220\
 Data File : VV019453.D
 Acq On : 02 Dec 2020 17:02
 Operator : SY/MD
 Sample : L4921-05DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FW4DL

Quant Time: Dec 03 07:05:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 03 05:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	361845	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	363069	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174612	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137854	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.28%
7) Chloroethane-d5	1.58	69	131291	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.28%
11) 1,1-Dichloroethene-d2	2.12	63	229434	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	3.90	46	237644	107.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.89%
24) Chloroform-d	4.37	84	283878	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
26) 1,2-Dichloroethane-d4	5.05	65	197824	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
32) Benzene-d6	5.07	84	548785	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
36) 1,2-Dichloropropane-d6	6.09	67	188455	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.54%
41) Toluene-d8	7.33	98	466203	48.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.96%
43) trans-1,3-Dichloropropene-	7.64	79	83843	48.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.20%
47) 2-Hexanone-d5	8.10	63	133012	94.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.52%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	217973	47.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.30%
64) 1,2-Dichlorobenzene-d4	11.64	152	182407	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

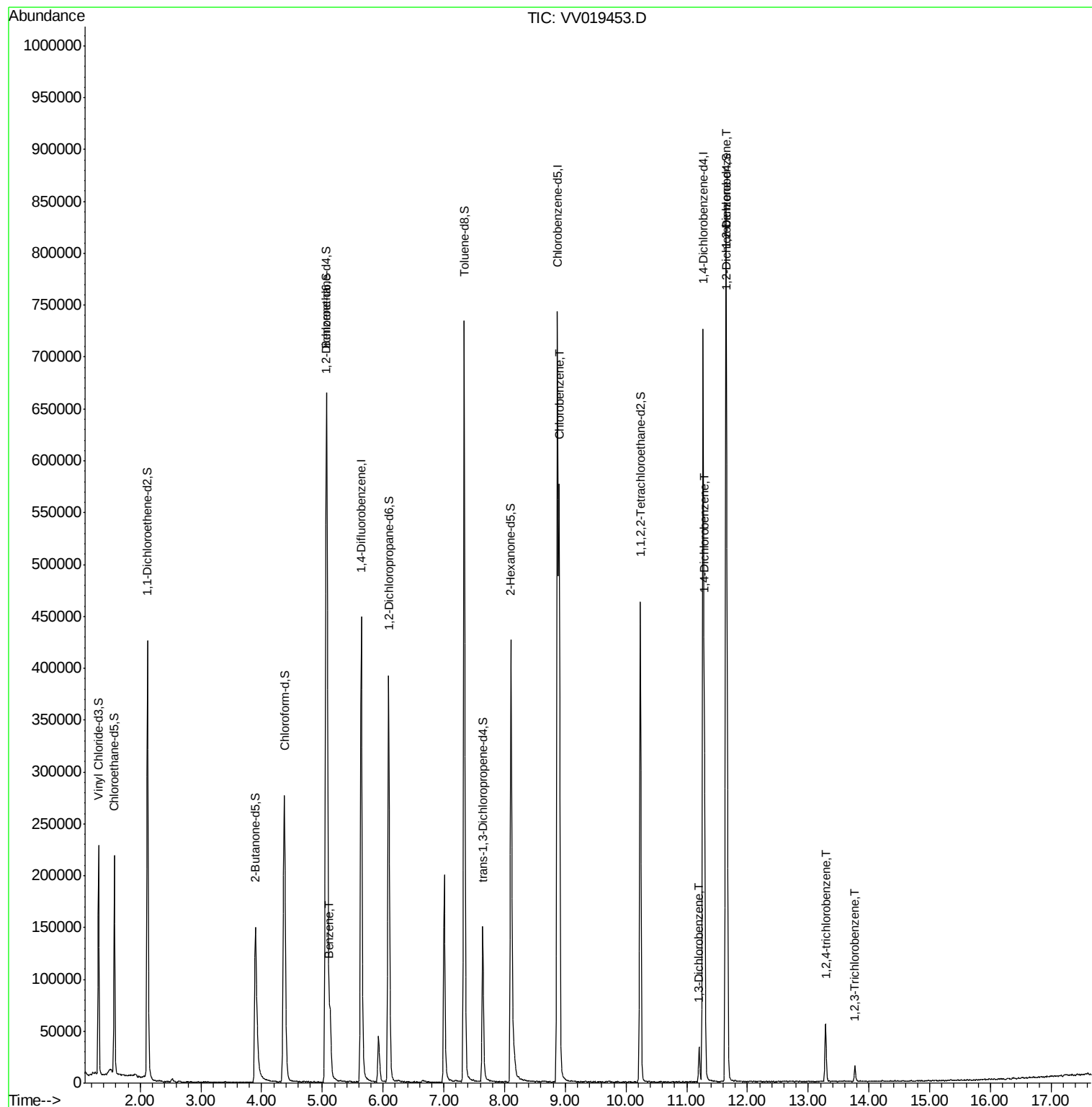
					Ovalue
33) Benzene	5.13	78	66046	6.079	ug/L 100
51) Chlorobenzene	8.90	112	277133	37.271	ug/L 100
62) 1,3-Dichlorobenzene	11.20	146	13220	2.602	ug/L 98
63) 1,4-Dichlorobenzene	11.29	146	105175	19.699	ug/L 97
65) 1,2-Dichlorobenzene	11.66	146	136768	26.224	ug/L 96
68) 1,2,4-trichlorobenzene	13.29	180	16690	5.098	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	4930	1.441	ug/L 91

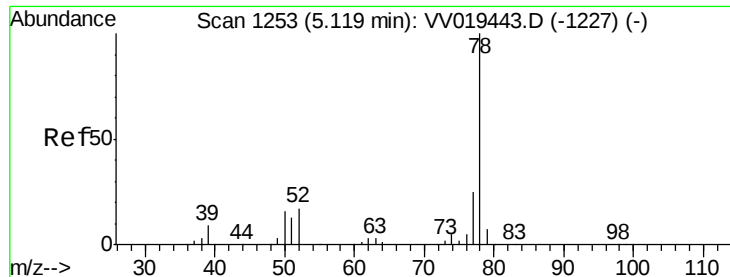
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 03 05:50:19 2020
Response via : Initial Calibration





#33

Benzene

Concen: 6.079 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VV019453.D

Acq: 02 Dec 2020 17:02

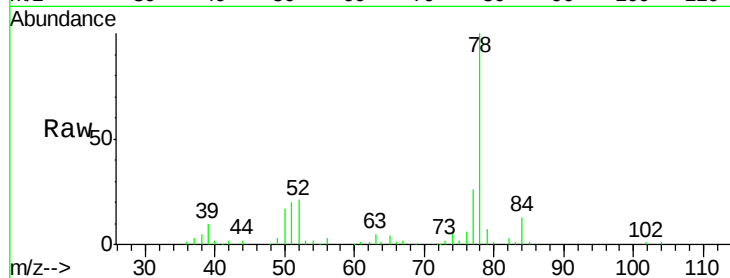
Instrument :

MSVOA_V

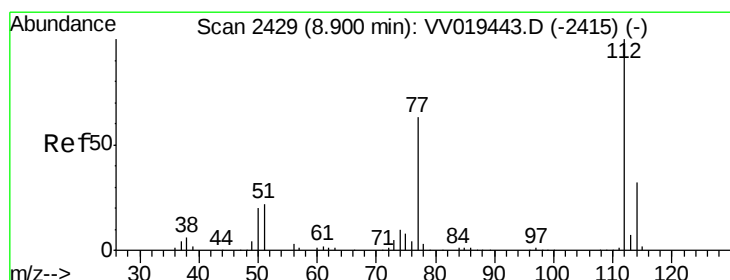
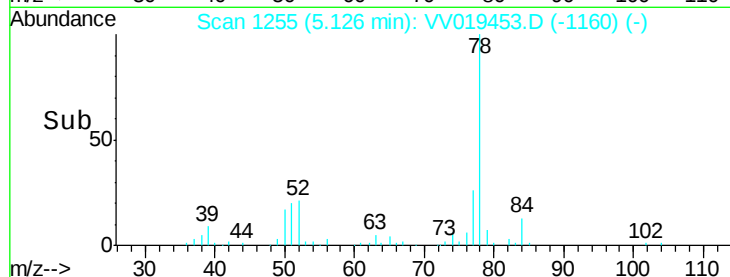
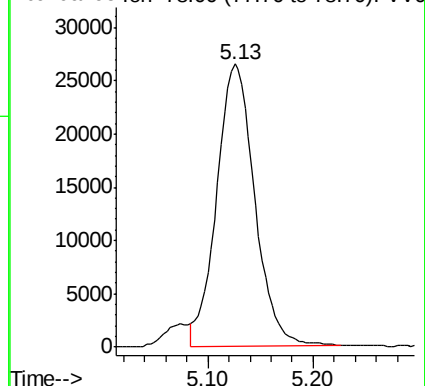
ClientSampleId :

C0FW4DL

Tgt Ion: 78 Resp: 66046



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 37.271 ug/L

RT: 8.90 min Scan# 2429

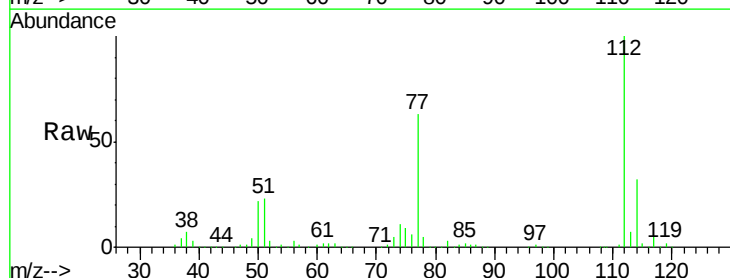
Delta R.T. 0.00 min

Lab File: VV019453.D

Acq: 02 Dec 2020 17:02

Tgt Ion: 112 Resp: 277133

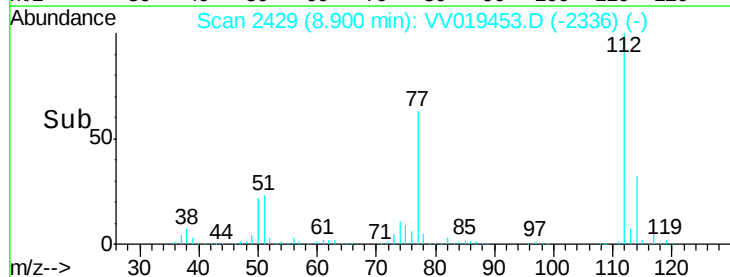
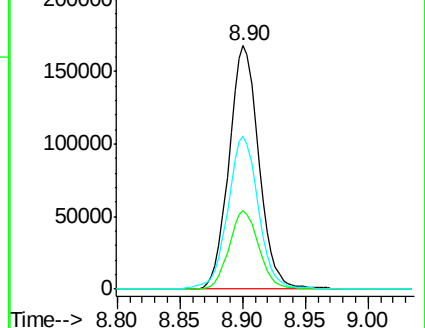
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	63.0	50.3	75.5

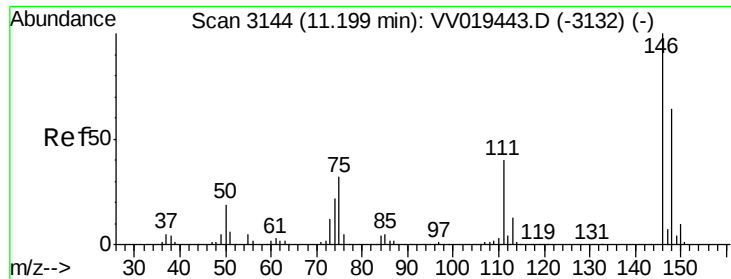


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

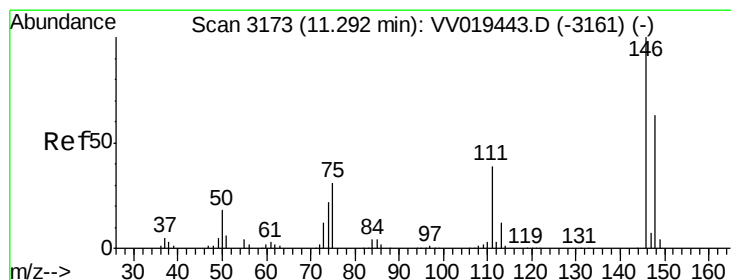
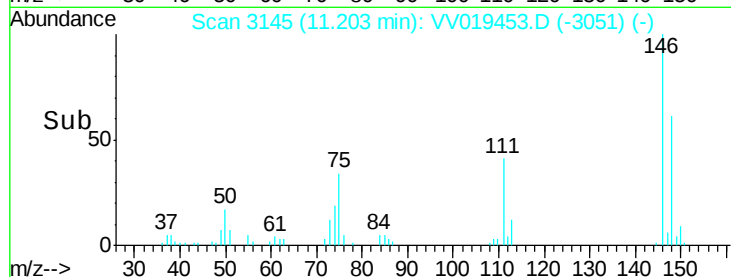
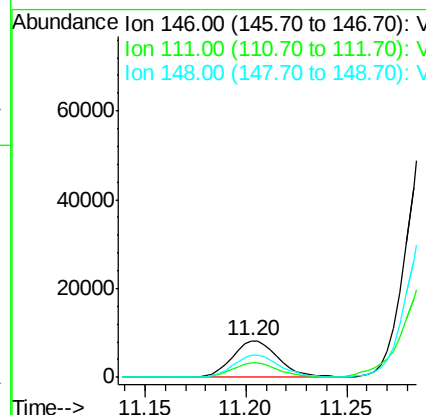
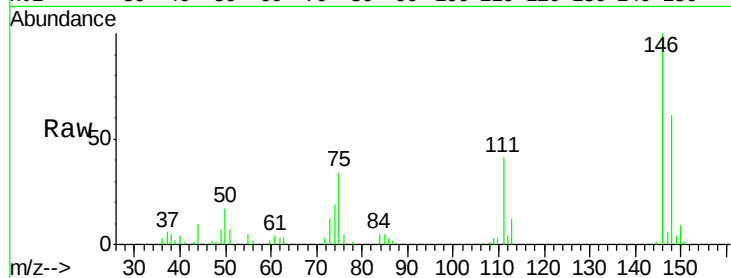




#62
 1,3-Dichlorobenzene
 Concen: 2.602 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV019453.D
 Acq: 02 Dec 2020 17:02

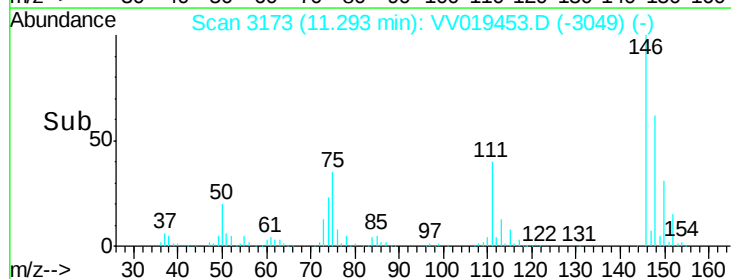
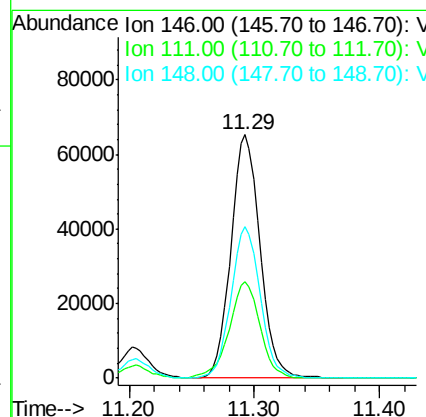
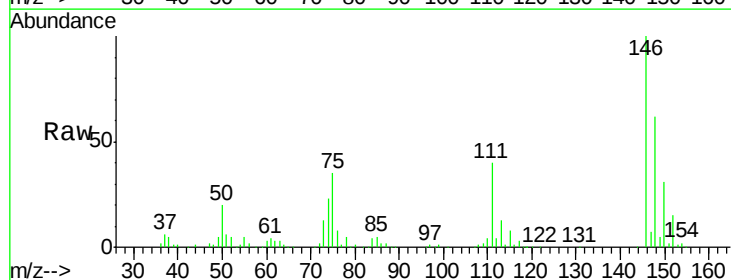
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FW4DL

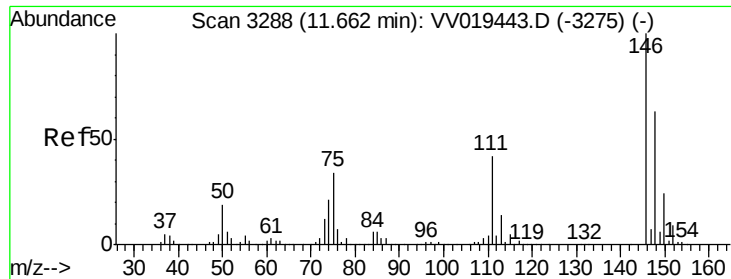
Tot Ion:146 Resp: 13220
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.9 51.7
 148 61.1 44.4 82.5



#63
 1,4-Dichlorobenzene
 Concen: 19.699 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV019453.D
 Acq: 02 Dec 2020 17:02

Tgt Ion:146 Resp: 105175
 Ion Ratio Lower Upper
 146 100
 111 39.8 26.7 49.7
 148 62.0 45.2 84.0





#65

1,2-Dichlorobenzene

Concen: 26.224 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. 0.00 min

Lab File: VV019453.D

Acq: 02 Dec 2020 17:02

Instrument :

MSVOA_V

ClientSampled :

C0FW4DL

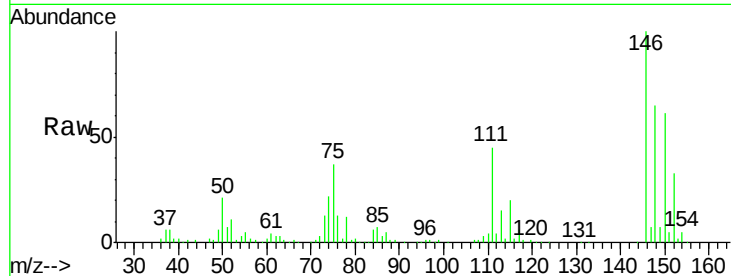
Tot Ion:146 Resp: 136768

Ion Ratio Lower Upper

146 100

111 45.0 33.8 50.8

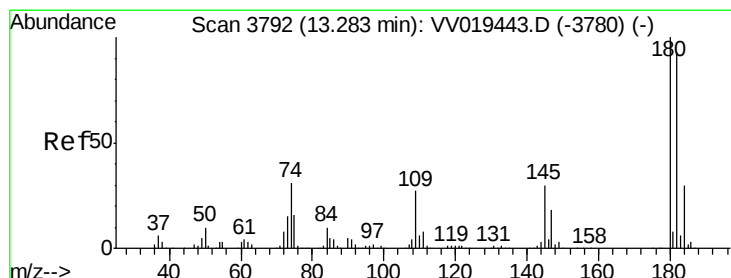
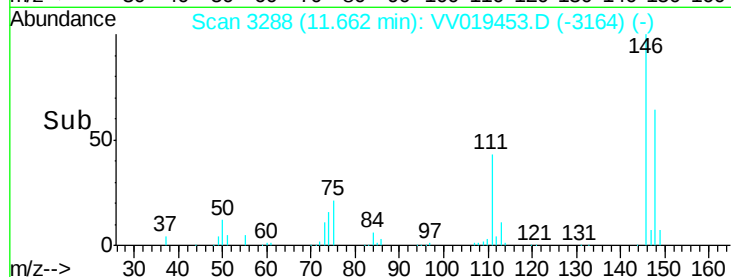
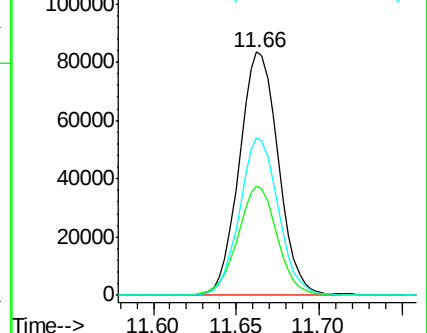
148 64.8 49.8 74.8



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: 5.098 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV019453.D

Acq: 02 Dec 2020 17:02

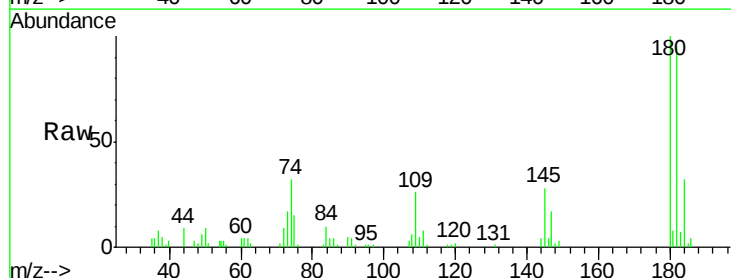
Tgt Ion:180 Resp: 16690

Ion Ratio Lower Upper

180 100

182 94.5 76.3 114.5

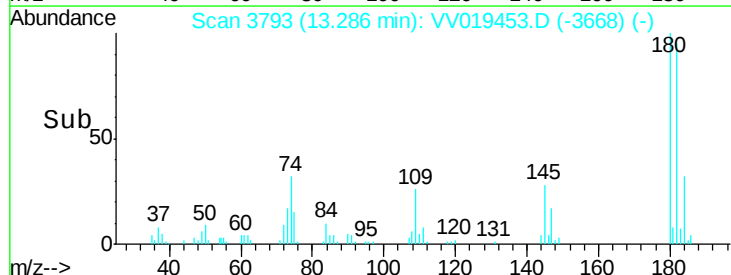
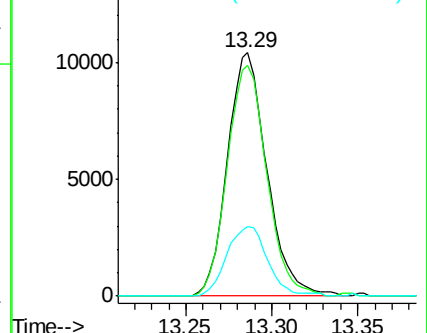
145 29.4 23.4 35.2

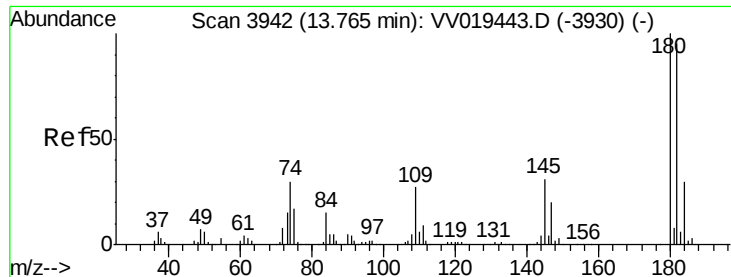


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 1.441 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV019453.D

Acq: 02 Dec 2020 17:02

Instrument :

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ClientSampleId :

C0FW4DL

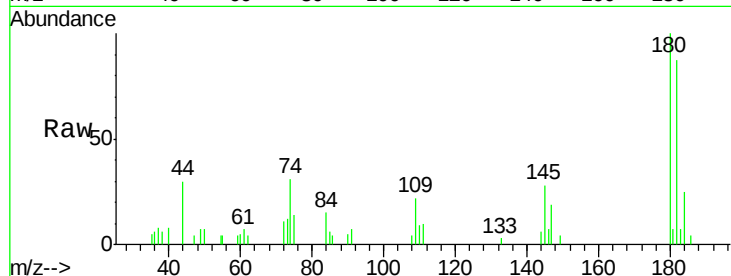
Tot Ion:180 Resp: 4930

Ion Ratio Lower Upper

180 100

182 86.8 76.6 115.0

145 26.9 25.0 37.6



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

