

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018026.D
 Acq On : 17 Aug 2020 15:12
 Operator : SY/MD
 Sample : L3684-05DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F94DL

Quant Time: Aug 18 02:47:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	270029	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266521	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129281	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88664	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.06%
7) Chloroethane-d5	1.58	69	74755	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.70%
11) 1,1-Dichloroethene-d2	2.12	63	133747	33.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.88%
21) 2-Butanone-d5	3.91	46	112179	83.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.13%
24) Chloroform-d	4.38	84	159224	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.90%
26) 1,2-Dichloroethane-d4	5.06	65	109560	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
32) Benzene-d6	5.08	84	323615	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
36) 1,2-Dichloropropane-d6	6.09	67	104936	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.40%
41) Toluene-d8	7.34	98	284999	43.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.30%
43) trans-1,3-Dichloropropene-	7.64	79	46156	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.76%
47) 2-Hexanone-d5	8.11	63	55535	72.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	126359	40.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	120539	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%

Target Compounds

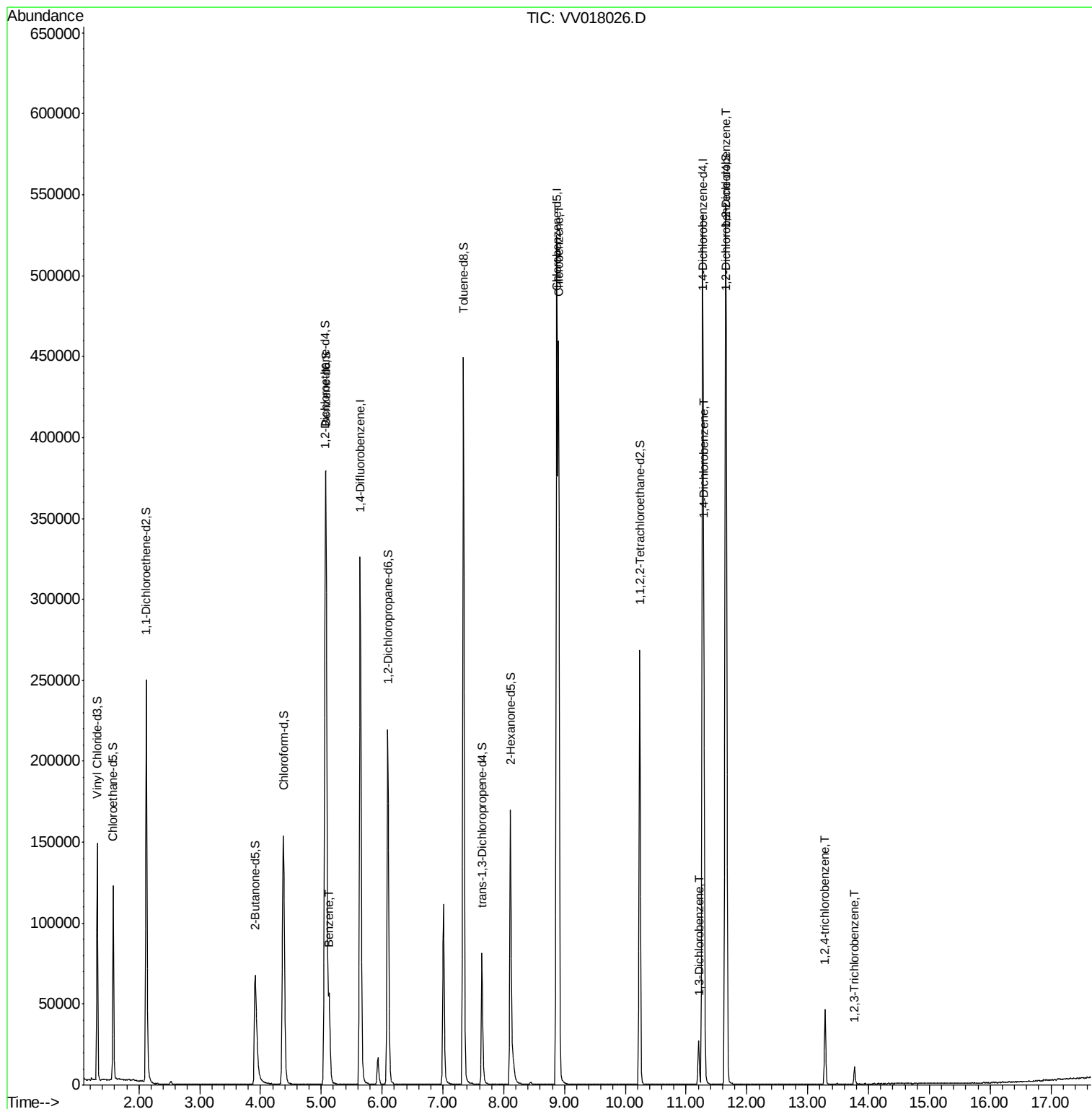
					Ovalue
33) Benzene	5.13	78	55908	6.780 ug/L	100
51) Chlorobenzene	8.90	112	229624	41.495 ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	10854	2.640 ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	85703	20.293 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	113097	26.728 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	14135	5.148 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	3671	1.315 ug/L	98

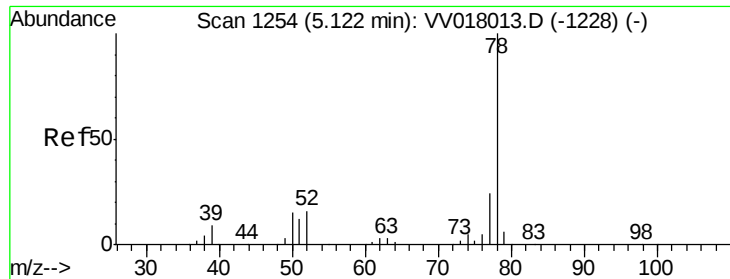
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration





#33

Benzene

Concen: 6.780 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV018026.D

Acq: 17 Aug 2020 15:12

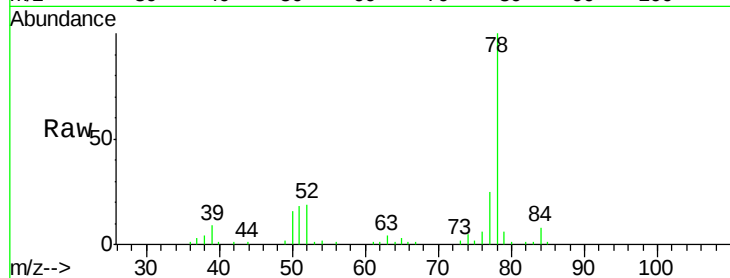
Instrument :

MSVOA_V

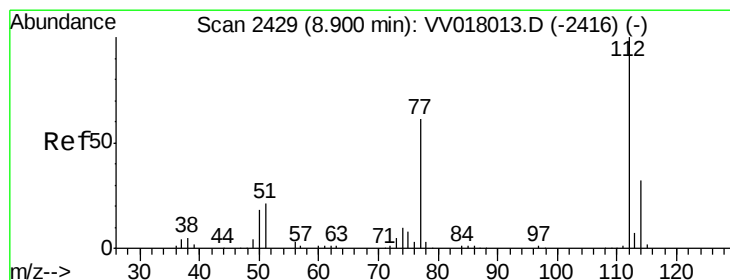
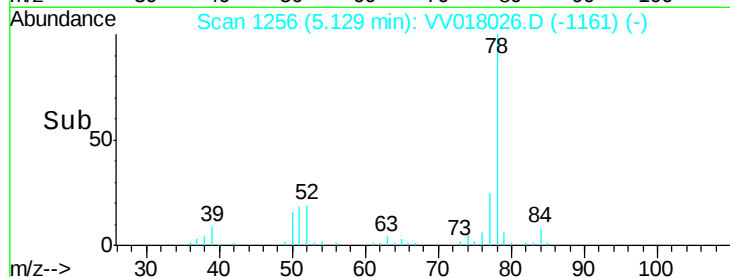
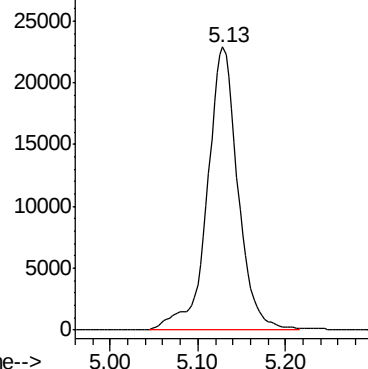
ClientSampleId :

C0F94DL

Tgt Ion: 78 Resp: 55908



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 41.495 ug/L

RT: 8.90 min Scan# 2430

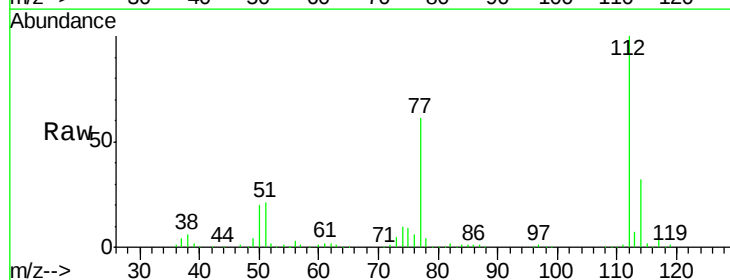
Delta R.T. 0.00 min

Lab File: VV018026.D

Acq: 17 Aug 2020 15:12

Tgt Ion: 112 Resp: 229624

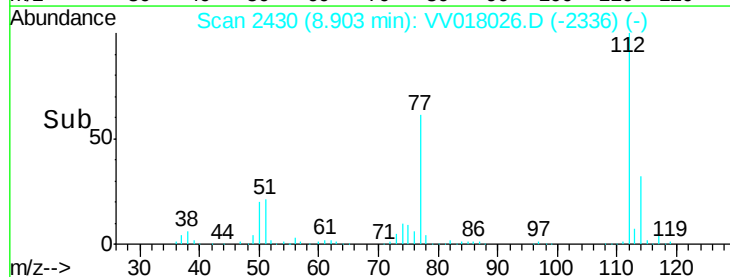
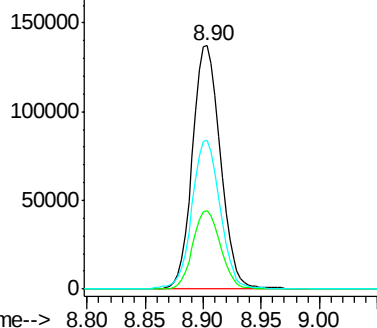
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.3
77	61.3	49.4	74.2

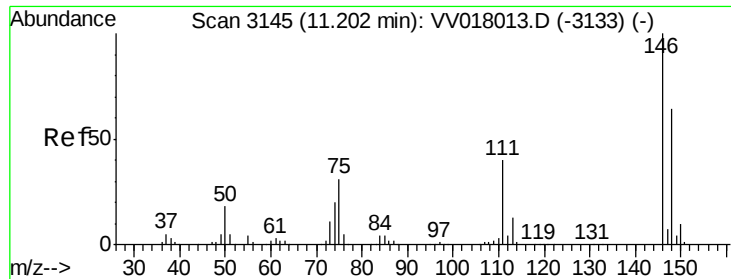


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

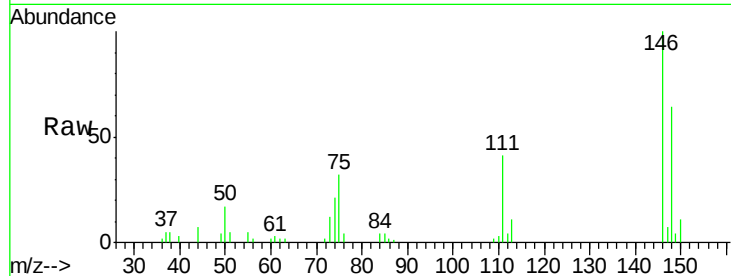




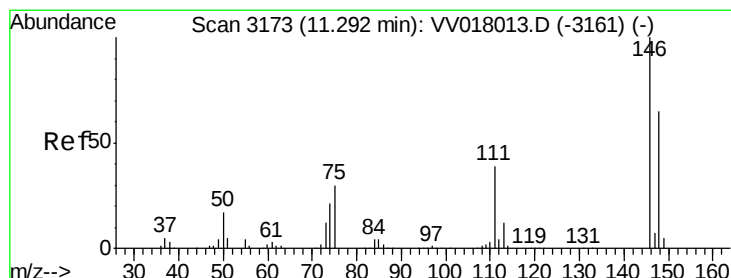
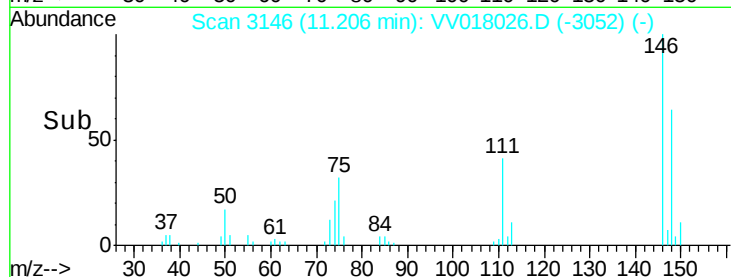
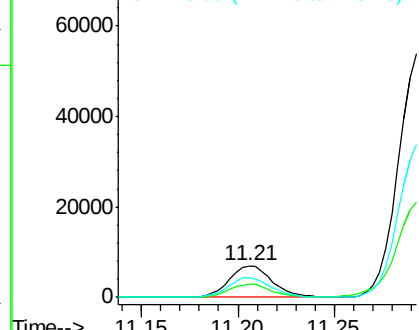
#62
 1,3-Dichlorobenzene
 Concen: 2.640 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV018026.D
 Acq: 17 Aug 2020 15:12

Instrument :
 MSVOA_V
 ClientSampled :
 C0F94DL

Tot Ion:146 Resp: 10854
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.8 53.4
 148 63.8 44.9 83.5

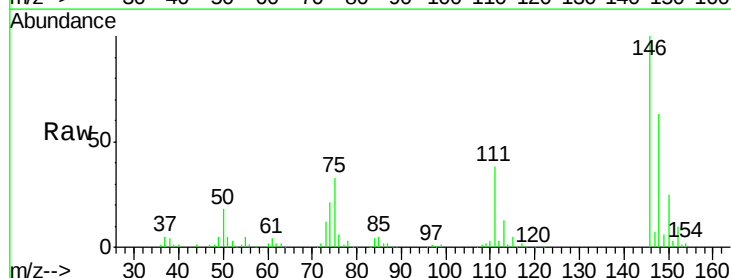


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

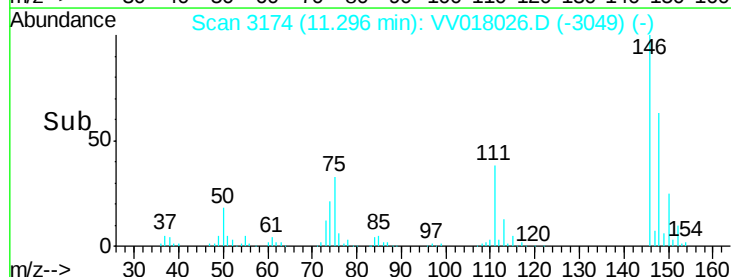
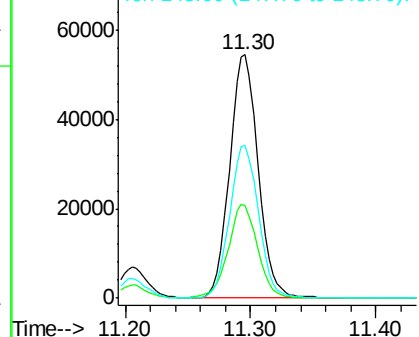


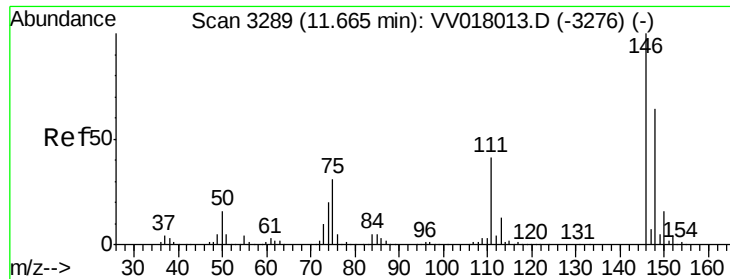
#63
 1,4-Dichlorobenzene
 Concen: 20.293 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV018026.D
 Acq: 17 Aug 2020 15:12

Tgt Ion:146 Resp: 85703
 Ion Ratio Lower Upper
 146 100
 111 37.8 28.0 52.0
 148 62.8 44.2 82.2



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: 26.728 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV018026.D

Acq: 17 Aug 2020 15:12

Instrument :

MSVOA_V

ClientSampleId :

C0F94DL

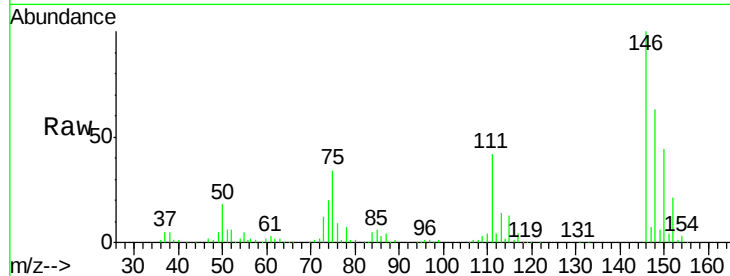
Tot Ion:146 Resp: 113097

Ion Ratio Lower Upper

146 100

111 42.0 34.2 51.4

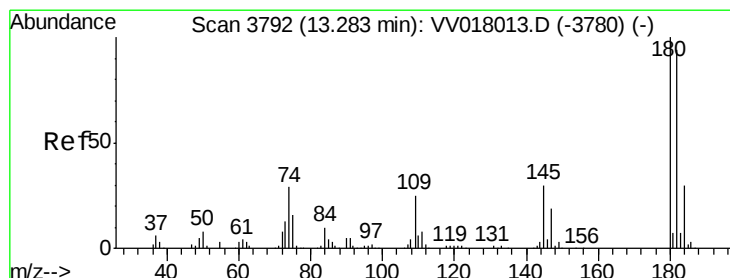
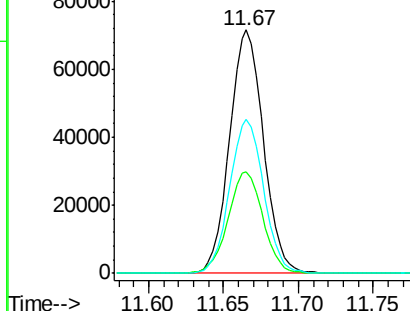
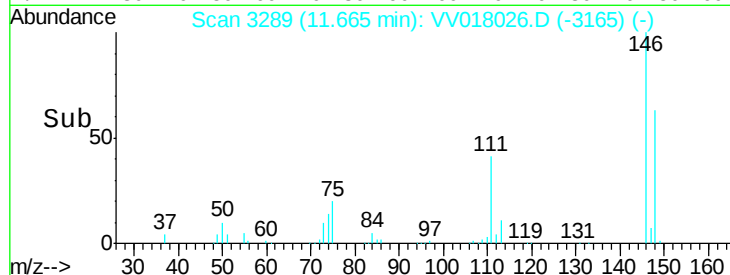
148 63.5 50.6 76.0



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: 5.148 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV018026.D

Acq: 17 Aug 2020 15:12

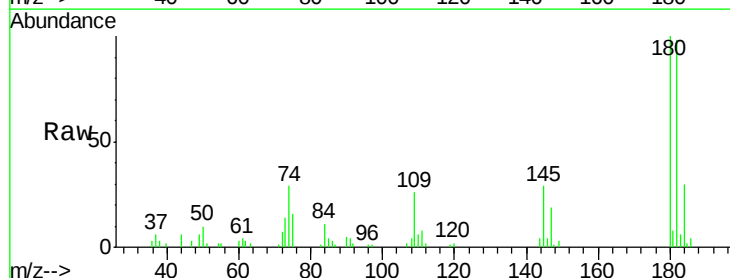
Tgt Ion:180 Resp: 14135

Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

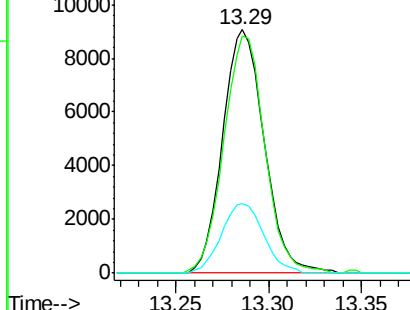
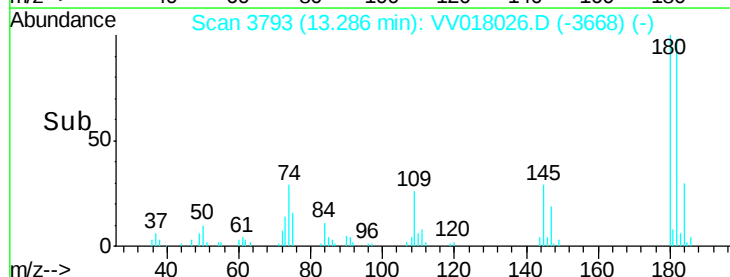
145 28.8 24.0 36.0

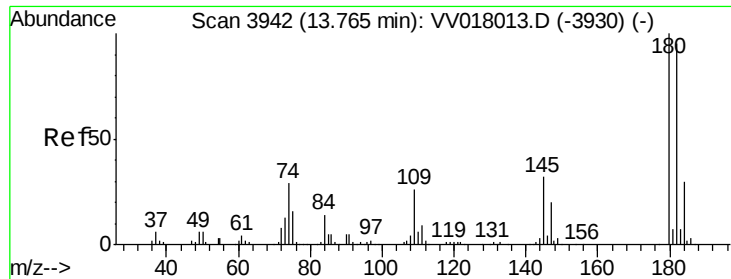


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 1.315 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV018026.D

Acq: 17 Aug 2020 15:12

Instrument :

MSVOA_V

ClientSampleId :

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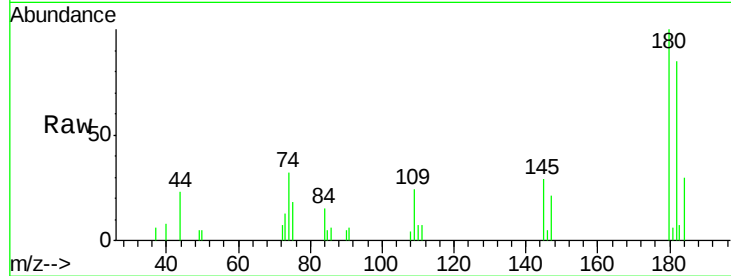
Tot Ion:180 Resp: 3671

Ion Ratio Lower Upper

180 100

182 92.6 76.5 114.7

145 32.7 26.0 39.0



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

