

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014800.D
 Acq On : 10 Mar 2020 14:08
 Operator : SY/MD
 Sample : L1834-17DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL0DL

Quant Time: Mar 11 03:25:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 01:57:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	416912	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	401439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199239	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101956	36.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.28%
7) Chloroethane-d5	1.58	69	86011	38.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.12%
11) 1,1-Dichloroethene-d2	2.12	63	137912	29.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.84%#
21) 2-Butanone-d5	3.94	46	180285	85.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.68%
24) Chloroform-d	4.38	84	233899	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.06	65	160141	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
32) Benzene-d6	5.08	84	483150	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
36) 1,2-Dichloropropane-d6	6.10	67	151211	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.08%
41) Toluene-d8	7.34	98	457558	44.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.14%
43) trans-1,3-Dichloropropene-	7.64	79	68343	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.68%
47) 2-Hexanone-d5	8.12	63	147540	94.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.59%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	210228	43.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	187688	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%

Target Compounds

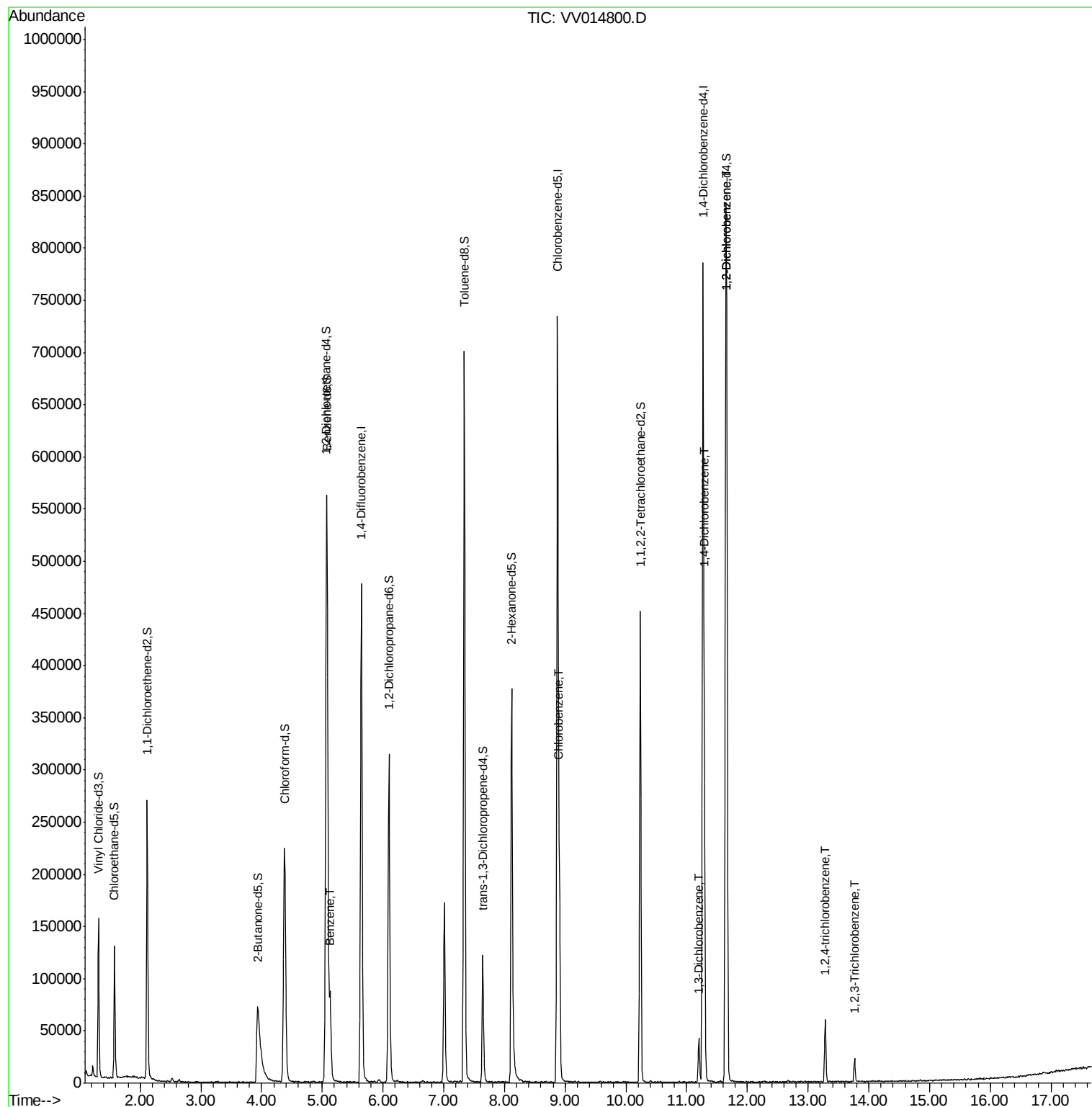
					Ovalue
33) Benzene	5.13	78	79014	6.794	ug/L 100
51) Chlorobenzene	8.90	112	110537	13.390	ug/L 97
62) 1,3-Dichlorobenzene	11.20	146	18215	2.827	ug/L 97
63) 1,4-Dichlorobenzene	11.29	146	114913	17.703	ug/L 99
65) 1,2-Dichlorobenzene	11.66	146	216111	33.691	ug/L 98
68) 1,2,4-trichlorobenzene	13.28	180	18329	4.002	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	7604	1.666	ug/L 96

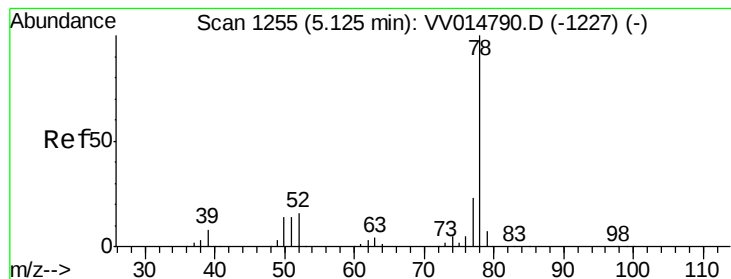
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 11 01:57:25 2020
Response via : Initial Calibration





#33

Benzene

Concen: 6.794 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VV014800.D

Acq: 10 Mar 2020 14:08

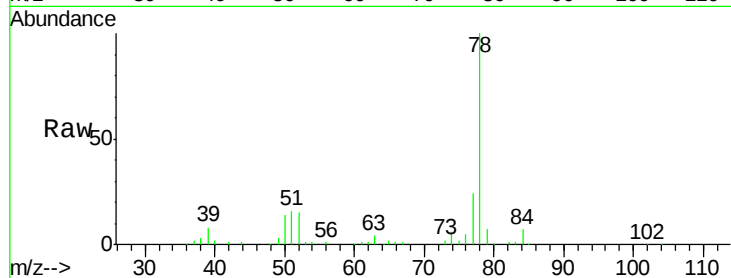
Instrument :

MSVOA_V

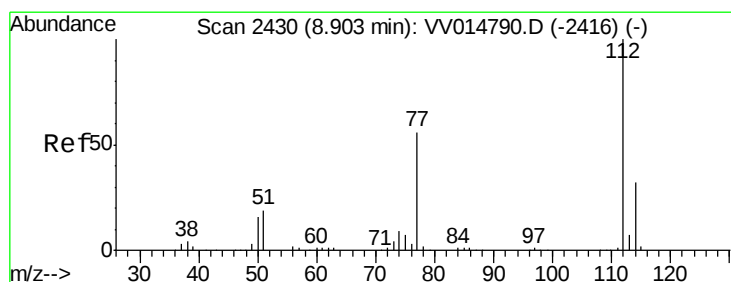
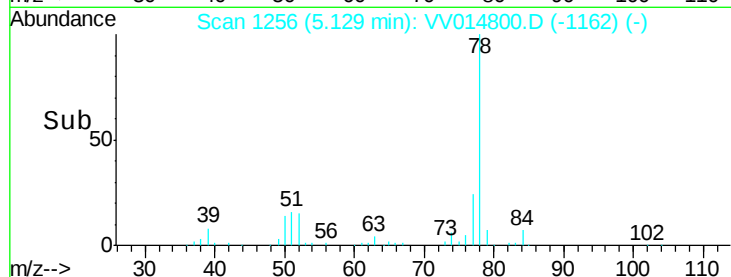
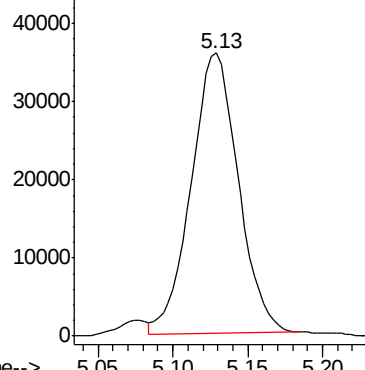
ClientSampleId :

C0DL0DL

Tgt Ion: 78 Resp: 79014



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 13.390 ug/L

RT: 8.90 min Scan# 2430

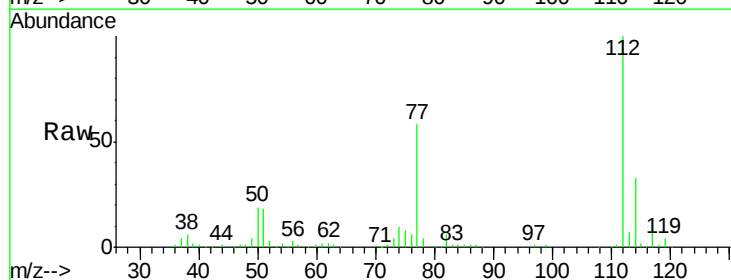
Delta R.T. 0.00 min

Lab File: VV014800.D

Acq: 10 Mar 2020 14:08

Tgt Ion: 112 Resp: 110537

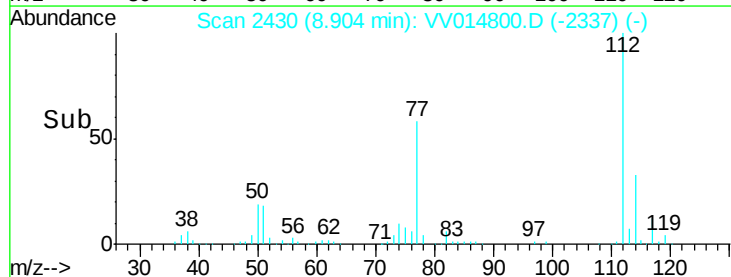
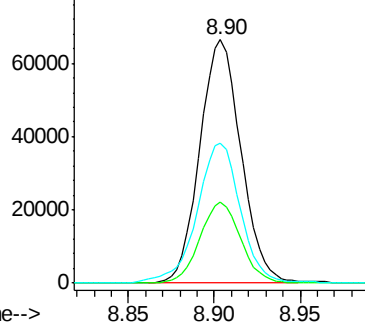
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.1	41.1
77	57.7	47.8	71.8

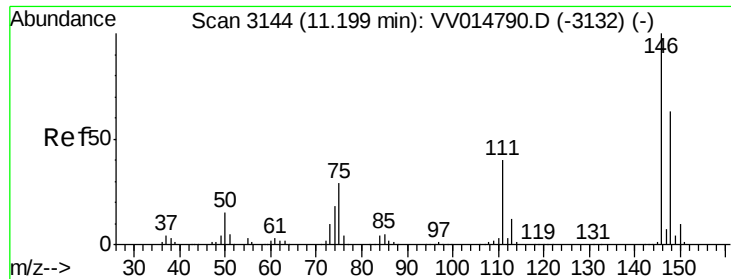


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

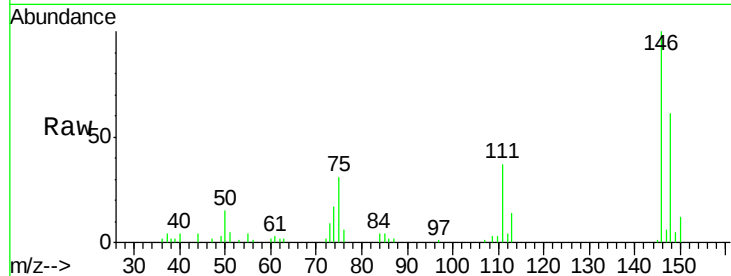




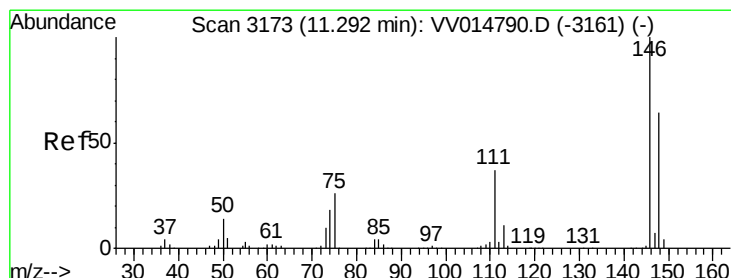
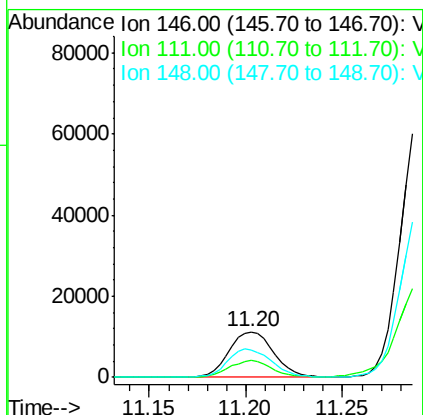
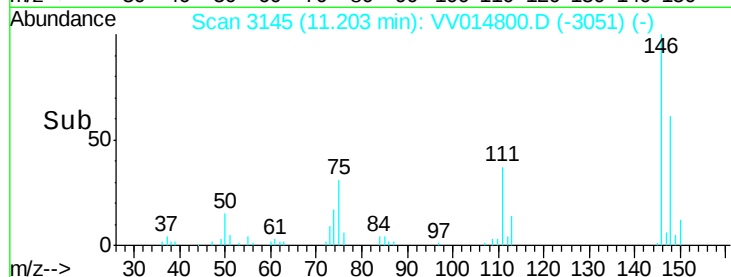
#62
 1,3-Dichlorobenzene
 Concen: 2.827 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV014800.D
 Acq: 10 Mar 2020 14:08

Instrument :
 MSVOA_V
 ClientSampled :
 C0DL0DL

Tot Ion:146 Resp: 18215
 Ion Ratio Lower Upper
 146 100
 111 36.7 27.2 50.4
 148 61.2 44.2 82.2

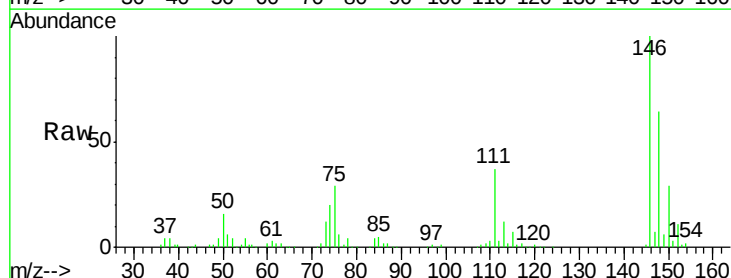


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

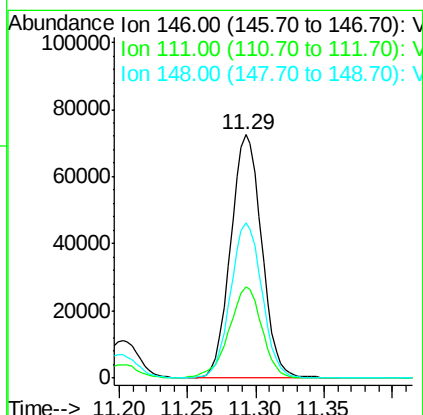
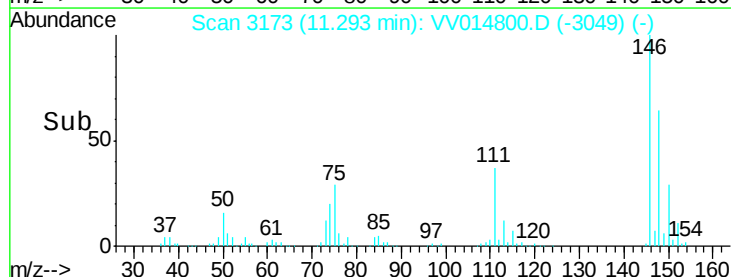


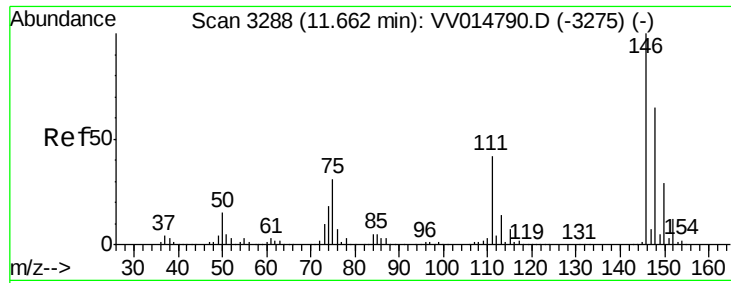
#63
 1,4-Dichlorobenzene
 Concen: 17.703 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014800.D
 Acq: 10 Mar 2020 14:08

Tgt Ion:146 Resp: 114913
 Ion Ratio Lower Upper
 146 100
 111 37.5 26.3 48.9
 148 63.7 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: 33.691 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. 0.00 min

Lab File: VV014800.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_V

ClientSampleId :

C0DL0DL

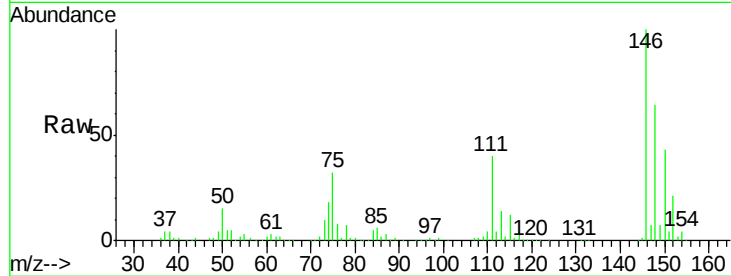
Tot Ion:146 Resp: 216111

Ion Ratio Lower Upper

146 100

111 39.9 33.9 50.9

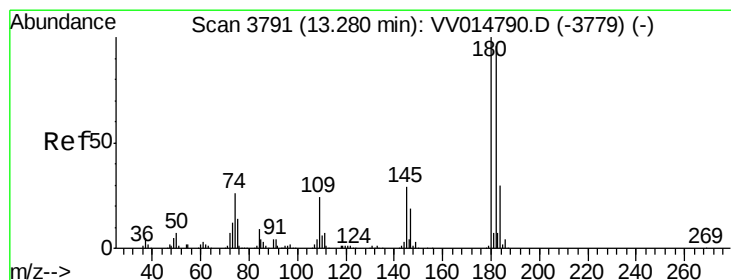
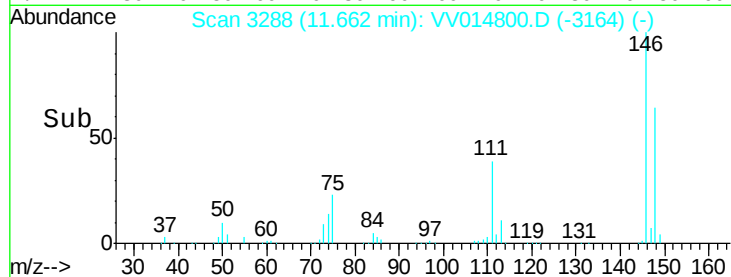
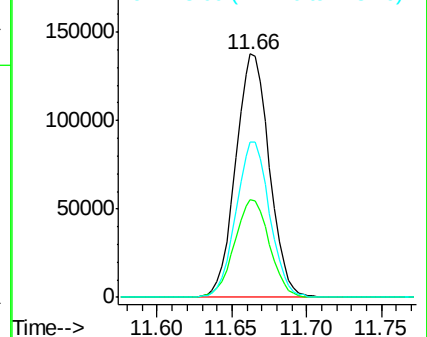
148 63.9 51.4 77.0



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: 4.002 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VV014800.D

Acq: 10 Mar 2020 14:08

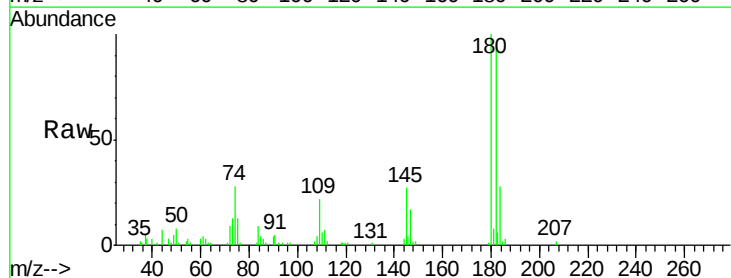
Tgt Ion:180 Resp: 18329

Ion Ratio Lower Upper

180 100

182 95.9 76.6 114.8

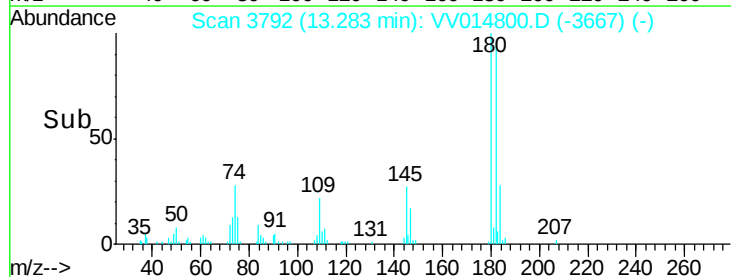
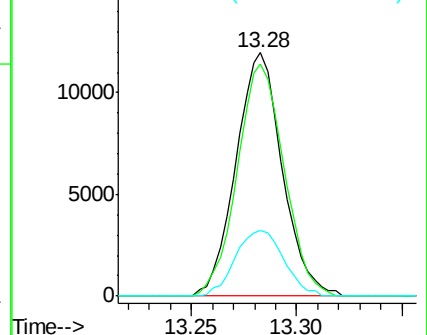
145 28.1 23.4 35.0

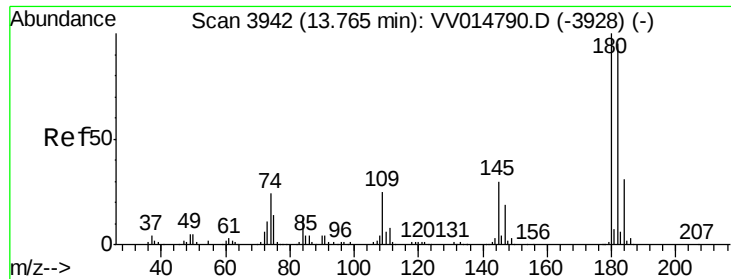


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 1.666 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014800.D
 Acq: 10 Mar 2020 14:08

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL0DL

Tot Ion:180 Resp: 7604
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.5 114.7
 145 26.7 25.0 37.4

