

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032420\
 Data File : VV015116.D
 Acq On : 24 Mar 2020 12:11
 Operator : SY/MD
 Sample : L1941-20DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DM0DL

Quant Time: Mar 25 02:15:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 01:10:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	766720	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	721931	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	357809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	281384	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.46%
7) Chloroethane-d5	1.58	69	248538	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.92%
11) 1,1-Dichloroethene-d2	2.12	63	405599	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	3.93	46	355529	77.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.05%
24) Chloroform-d	4.37	84	438323	40.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.88%
26) 1,2-Dichloroethane-d4	5.05	65	282845	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.00%
32) Benzene-d6	5.07	84	920964	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.24%
36) 1,2-Dichloropropane-d6	6.09	67	288757	40.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.70%
41) Toluene-d8	7.33	98	892430	44.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.04%
43) trans-1,3-Dichloropropene-	7.64	79	155789	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.44%
47) 2-Hexanone-d5	8.11	63	276366	76.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	401950	40.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	337667	42.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.52%

Target Compounds

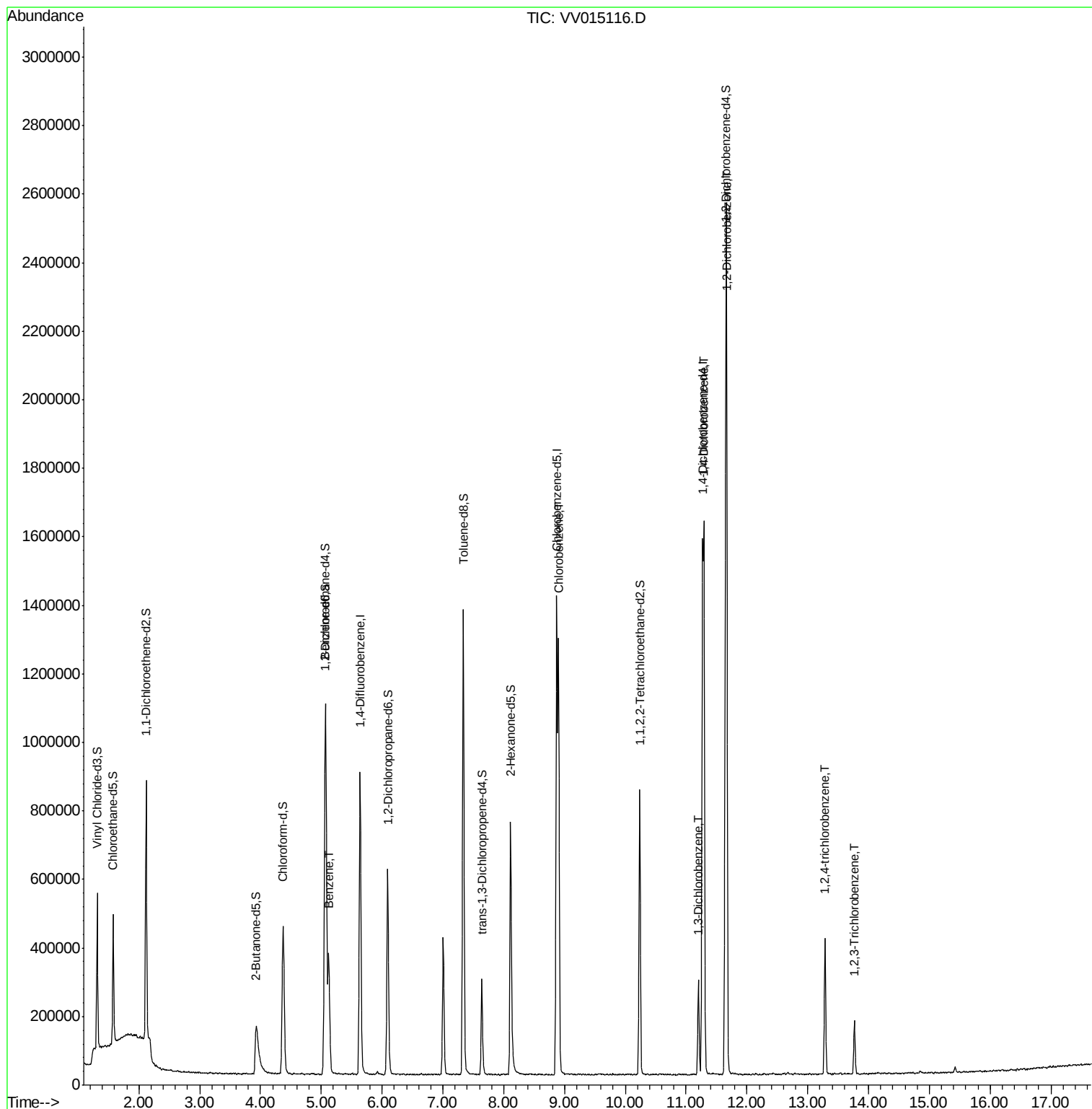
					Ovalue
33) Benzene	5.12	78	354199	16.158	ug/L 100
51) Chlorobenzene	8.90	112	643132	42.926	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	107446	9.033	ug/L 96
63) 1,4-Dichlorobenzene	11.29	146	579570	48.202	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	846907	68.323	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	112881	14.584	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	44125	5.534	ug/L 99

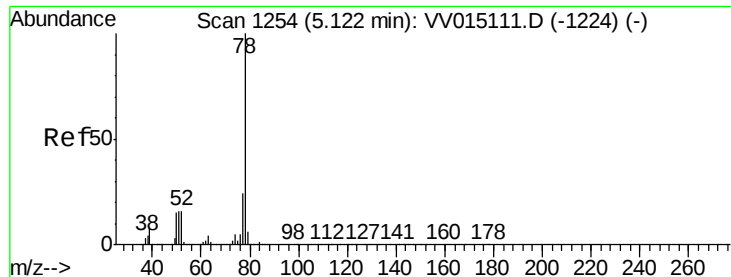
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 16.158 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV015116.D

Acq: 24 Mar 2020 12:11

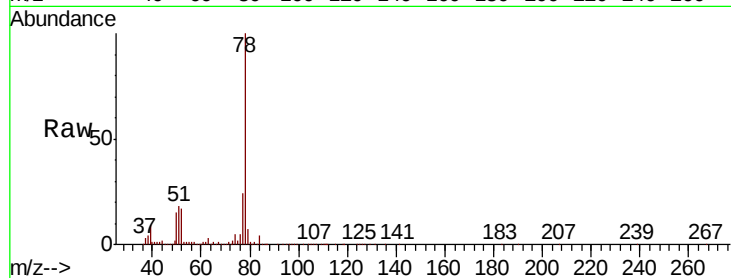
Instrument :

MSVOA_V

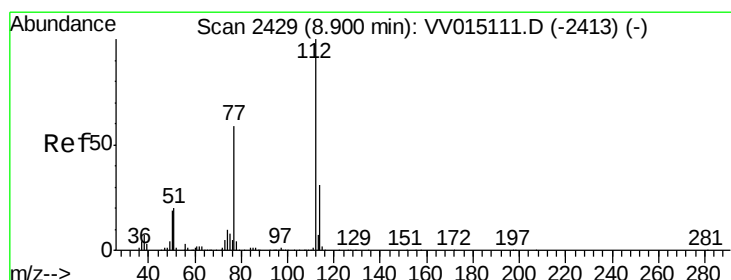
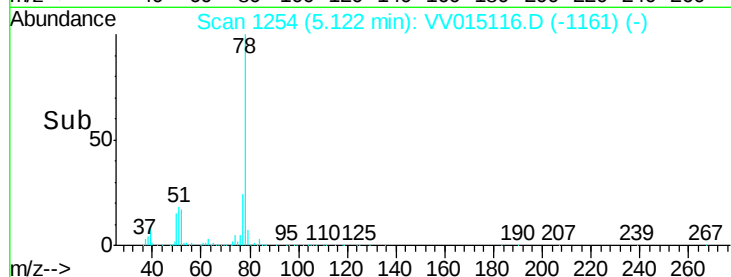
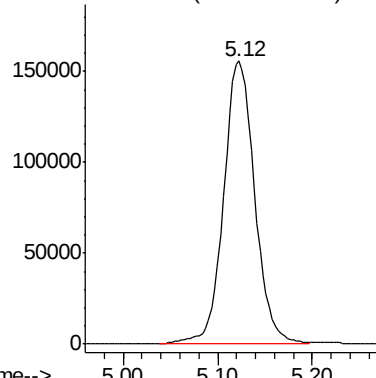
ClientSampleId :

CODMODL

Tgt Ion: 78 Resp: 354199



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 42.926 ug/L

RT: 8.90 min Scan# 2429

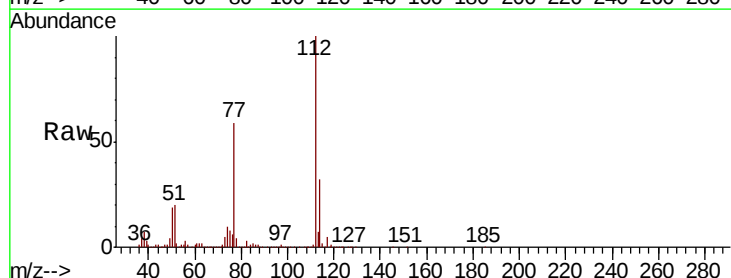
Delta R.T. 0.00 min

Lab File: VV015116.D

Acq: 24 Mar 2020 12:11

Tgt Ion: 112 Resp: 643132

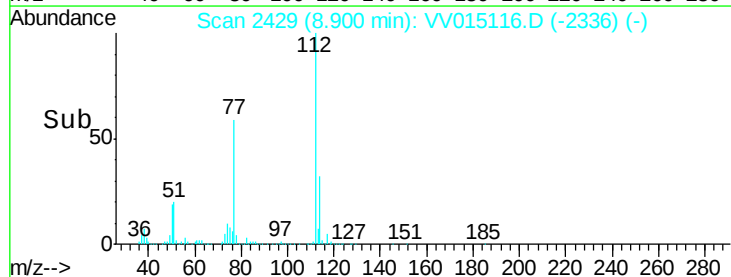
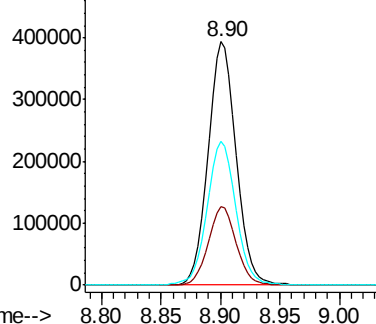
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.3
77	59.2	48.1	72.1

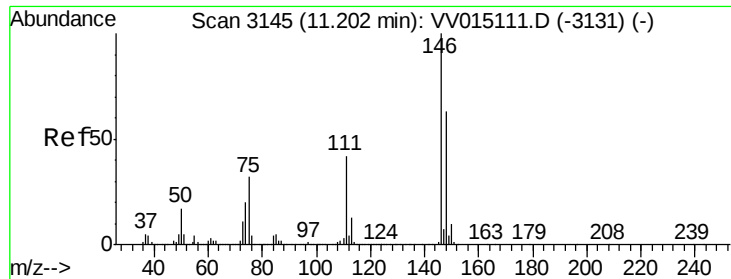


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 9.033 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015116.D

Acq: 24 Mar 2020 12:11

Instrument :

MSVOA_V

ClientSampleId :

C0DM0DL

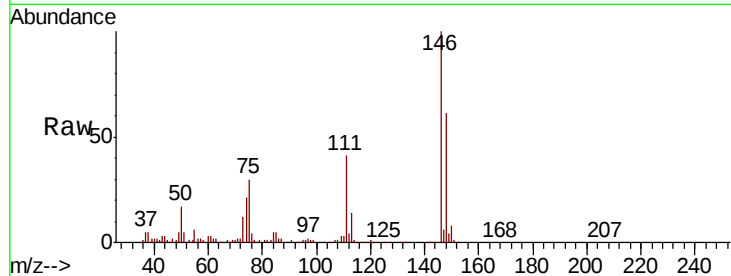
Tot Ion:146 Resp: 107446

Ion Ratio Lower Upper

146 100

111 40.7 29.7 55.1

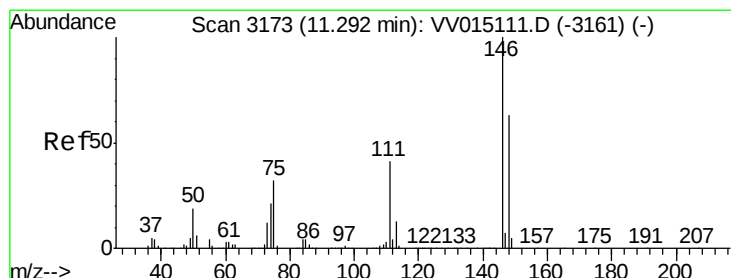
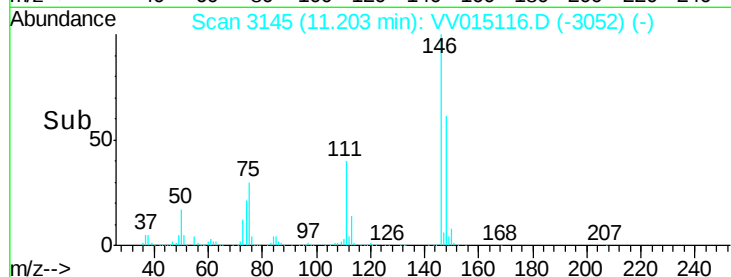
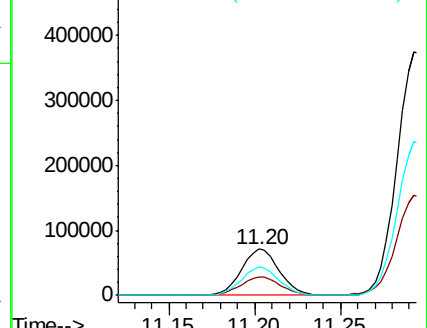
148 61.2 45.3 84.1



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: 48.202 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV015116.D

Acq: 24 Mar 2020 12:11

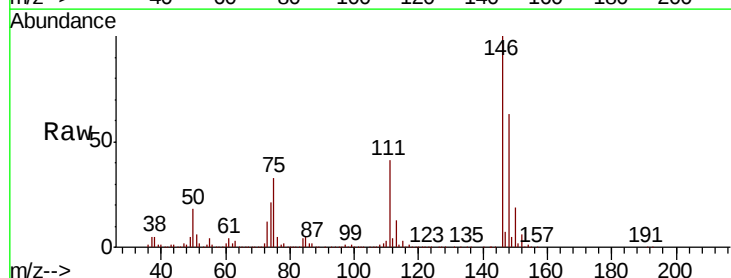
Tgt Ion:146 Resp: 579570

Ion Ratio Lower Upper

146 100

111 40.9 28.2 52.4

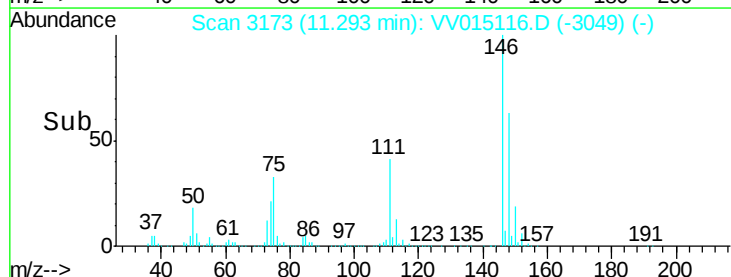
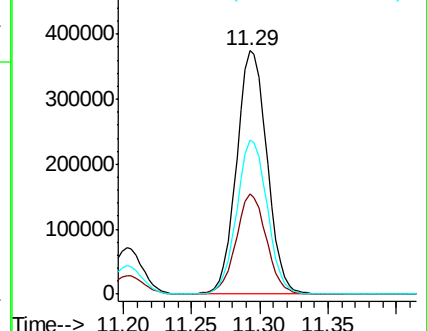
148 63.2 44.9 83.5

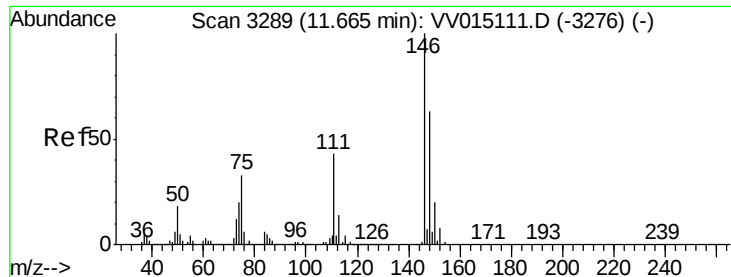


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

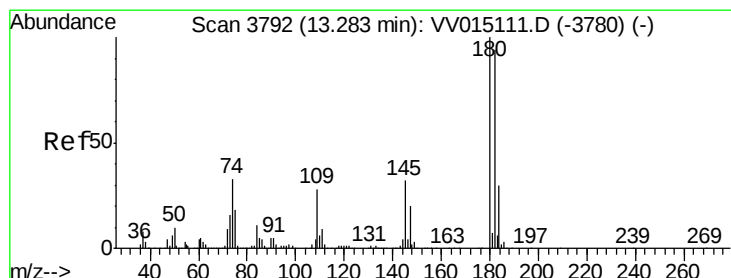
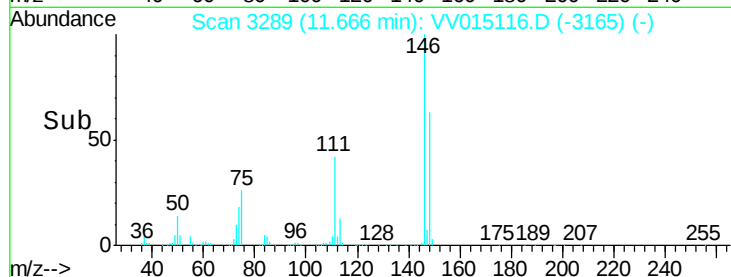
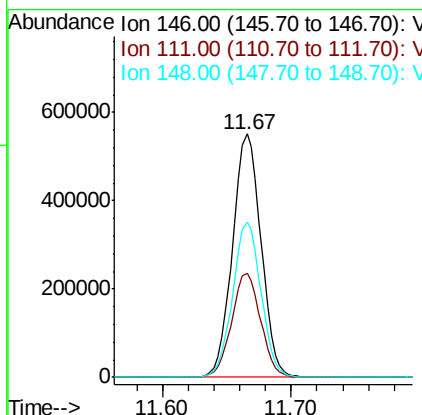
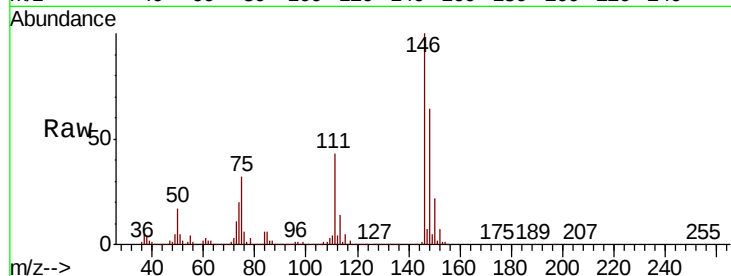




#65
 1,2-Dichlorobenzene
 Concen: 68.323 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015116.D
 Acq: 24 Mar 2020 12:11

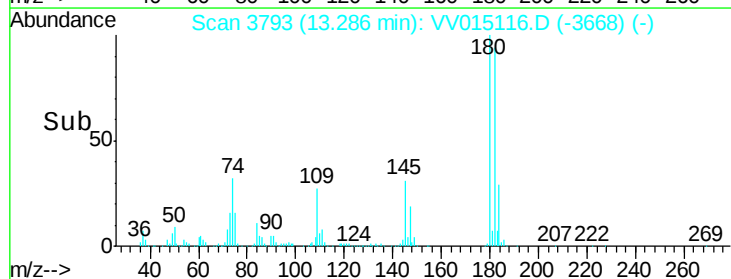
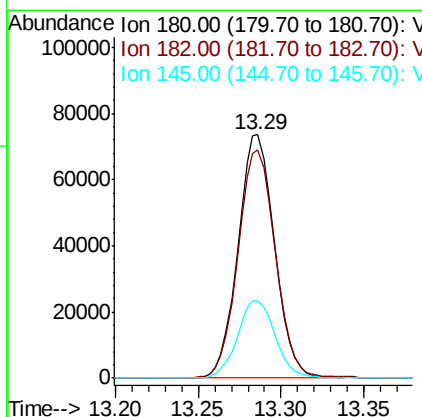
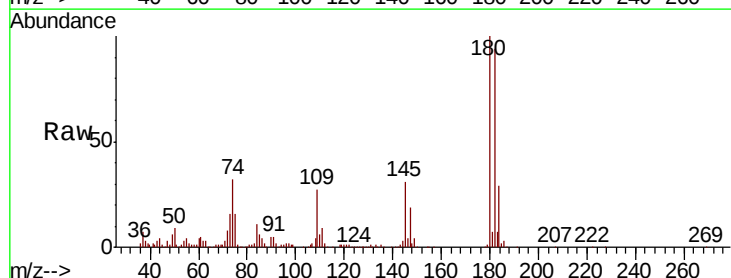
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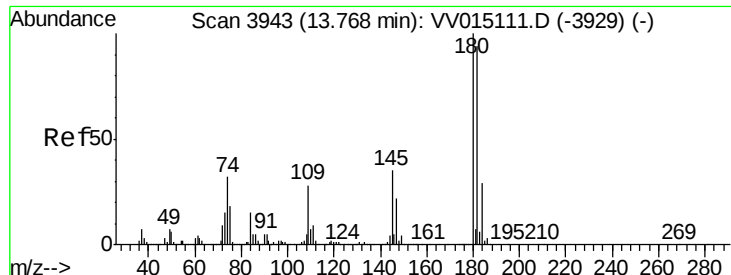
Tot Ion:146 Resp: 846907
 Ion Ratio Lower Upper
 146 100
 111 42.7 35.2 52.8
 148 63.6 50.6 75.8



#68
 1,2,4-trichlorobenzene
 Concen: 14.584 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015116.D
 Acq: 24 Mar 2020 12:11

Tgt Ion:180 Resp: 112881
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.5 113.3
 145 33.0 26.4 39.6





#70

1,2,3-Trichlorobenzene

Concen: 5.534 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV015116.D

Acq: 24 Mar 2020 12:11

Instrument :

MSVOA_V

ClientSampleId :

C0DM0DL

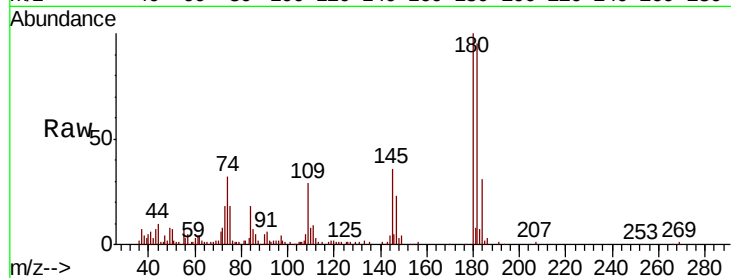
Tot Ion:180 Resp: 44125

Ion Ratio Lower Upper

180 100

182 95.6 76.6 115.0

145 36.5 27.8 41.6



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

