

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015183.D
 Acq On : 26 Mar 2020 22:36
 Operator : SY/MD
 Sample : L1968-16DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL6DL

Quant Time: Mar 27 05:44:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	579782	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	554293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	239209	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	197700	63.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.12%
7) Chloroethane-d5	1.58	69	191613	61.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.20%
11) 1,1-Dichloroethene-d2	2.12	63	318036	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.68%
21) 2-Butanone-d5	3.94	46	301942	97.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.49%
24) Chloroform-d	4.38	84	355786	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
26) 1,2-Dichloroethane-d4	5.06	65	246089	54.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.36%
32) Benzene-d6	5.08	84	735414	64.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.00%#
36) 1,2-Dichloropropane-d6	6.10	67	234932	57.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.26%
41) Toluene-d8	7.34	98	698224	67.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	135.16%#
43) trans-1,3-Dichloropropene-	7.64	79	110264	49.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.46%
47) 2-Hexanone-d5	8.12	63	238119	99.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	339983	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	246539	55.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

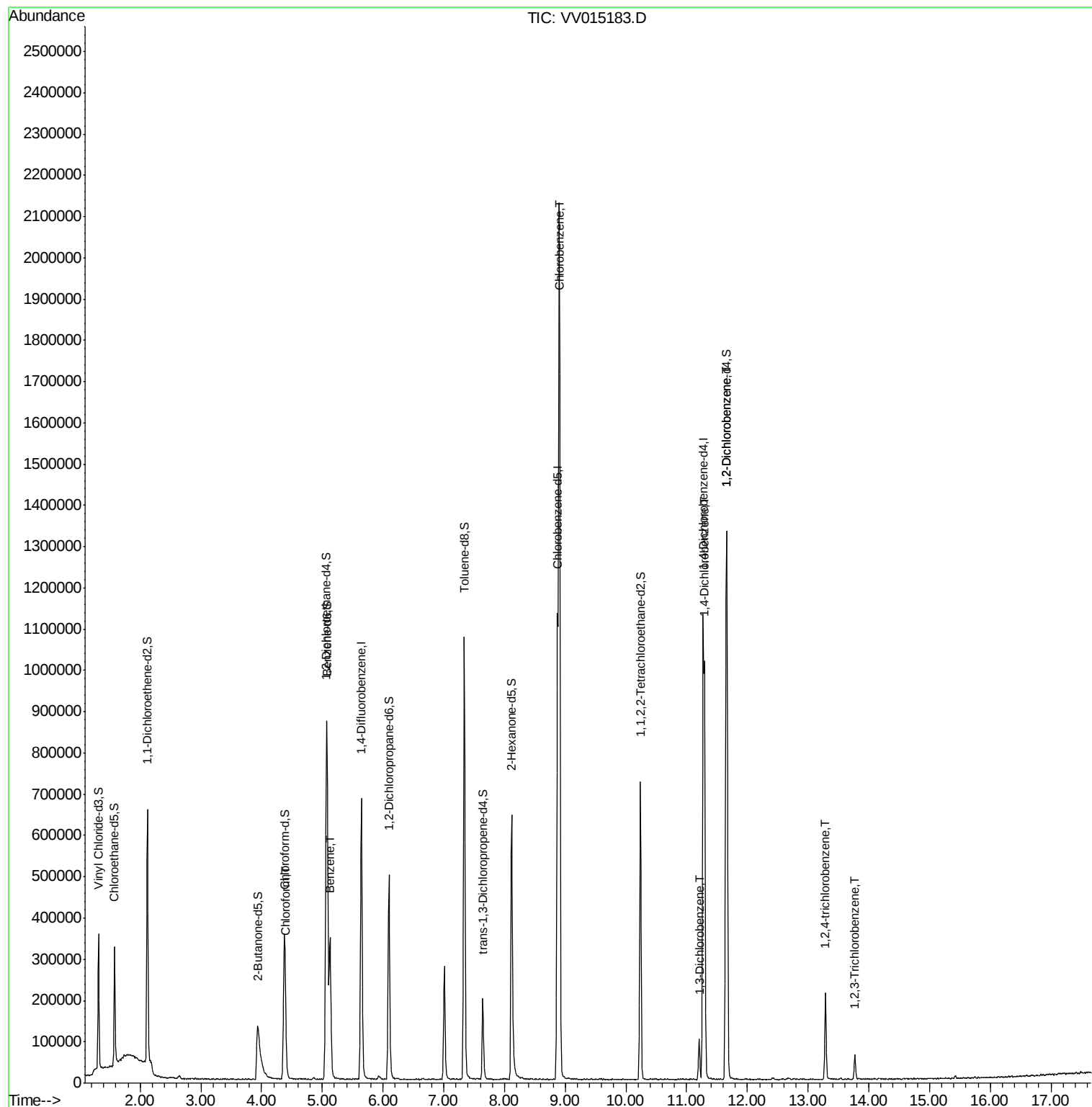
					Ovalue
25) Chloroform	4.40	83	18205	2.354 ug/L	97
33) Benzene	5.13	78	341364	20.686 ug/L	100
51) Chlorobenzene	8.90	112	1092002	92.862 ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	36811	4.590 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	335932	41.462 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	351770	43.259 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	52618	10.749 ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	15478	3.158 ug/L	98

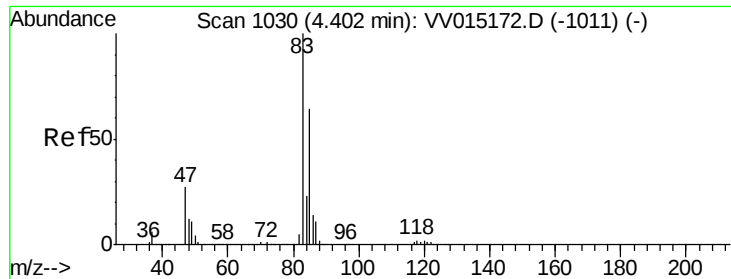
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 2.354 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015183.D

Acq: 26 Mar 2020 22:36

Instrument :

MSVOA_V

ClientSampleId :

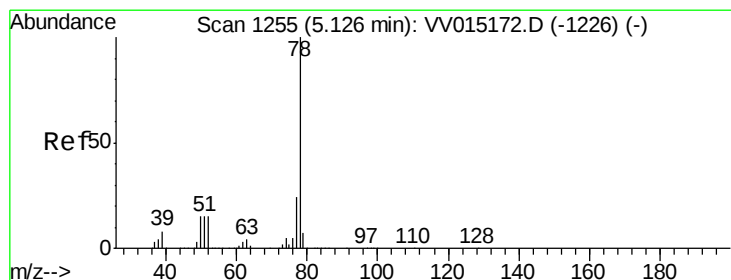
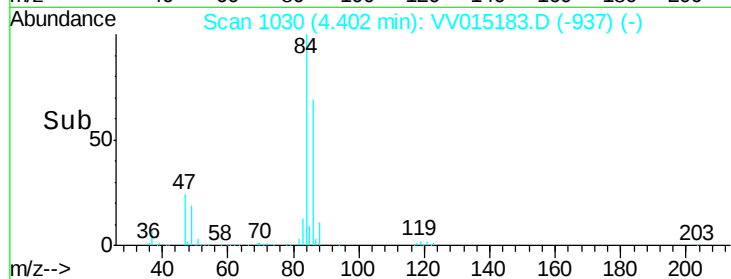
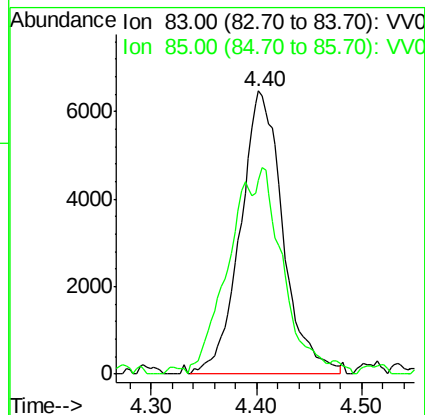
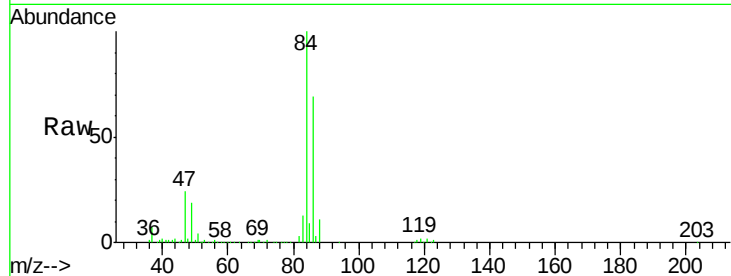
C0DL6DL

Tot Ion: 83 Resp: 18205

Ion Ratio Lower Upper

83 100

85 68.5 46.2 85.8



#33

Benzene

Concen: 20.686 ug/L

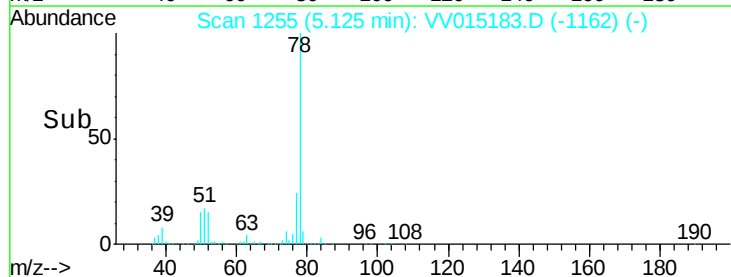
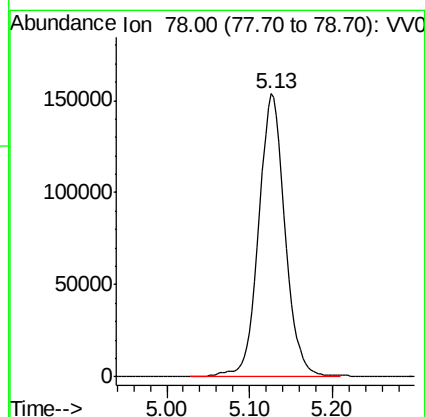
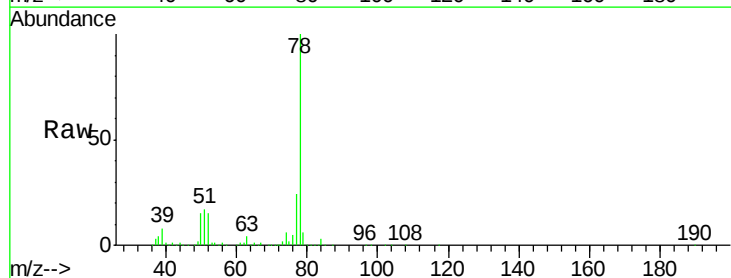
RT: 5.13 min Scan# 1255

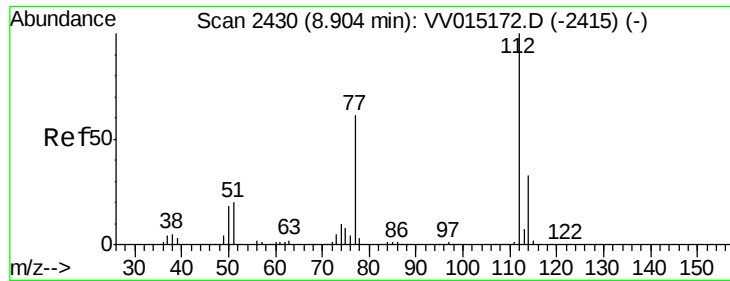
Delta R.T. -0.00 min

Lab File: VV015183.D

Acq: 26 Mar 2020 22:36

Tgt Ion: 78 Resp: 341364





#51

Chlorobenzene

Concen: 92.862 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

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ClientSampleId :

C0DL6DL

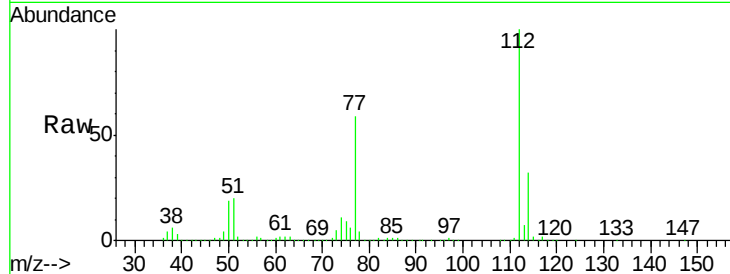
Tot Ion:112 Resp: 1092002

Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

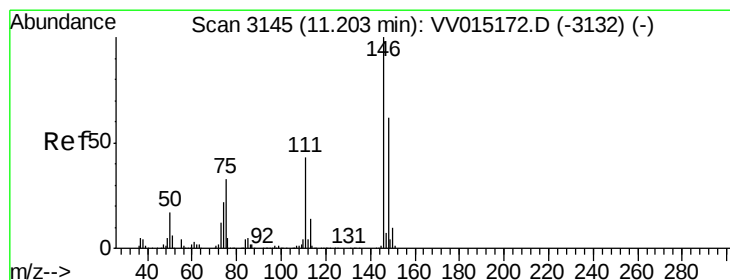
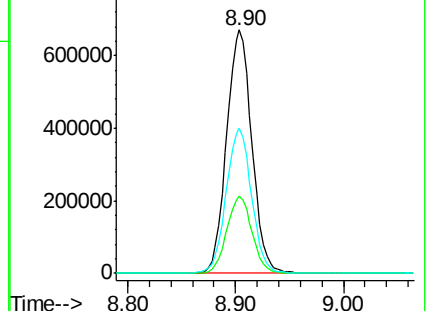
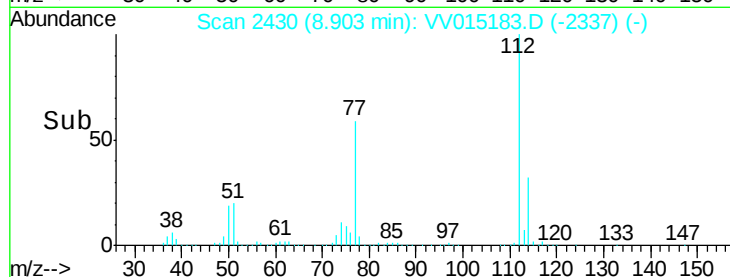
77 59.5 47.3 70.9



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): V



#62

1,3-Dichlorobenzene

Concen: 4.590 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015183.D

Acq: 26 Mar 2020 22:36

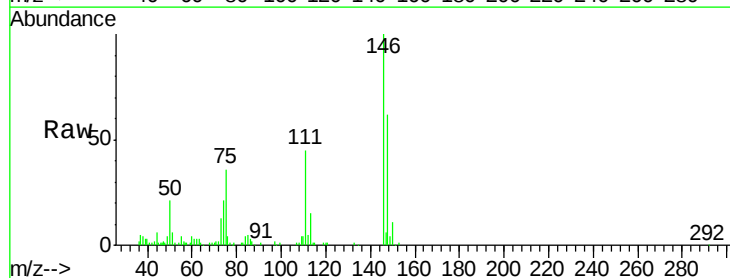
Tgt Ion:146 Resp: 36811

Ion Ratio Lower Upper

146 100

111 44.8 30.5 56.7

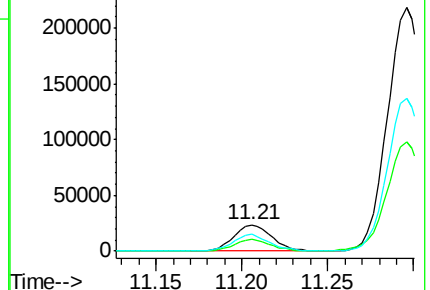
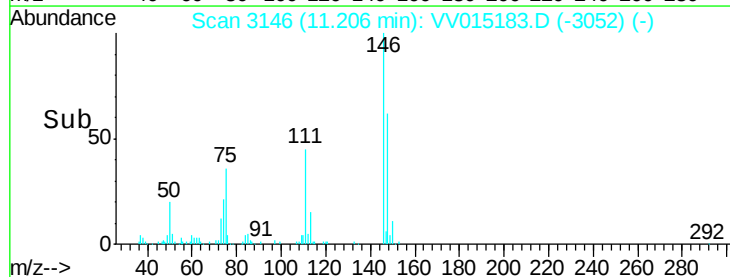
148 62.0 44.0 81.6

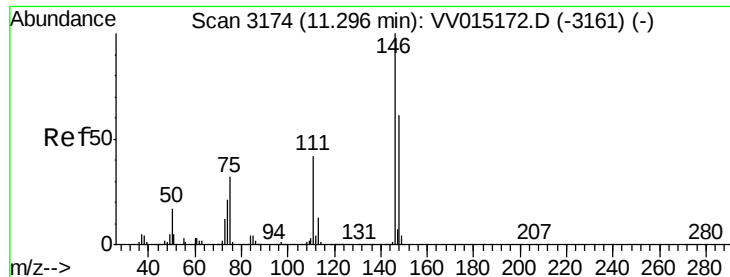


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

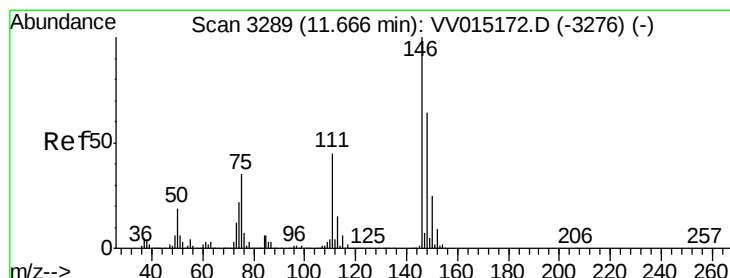
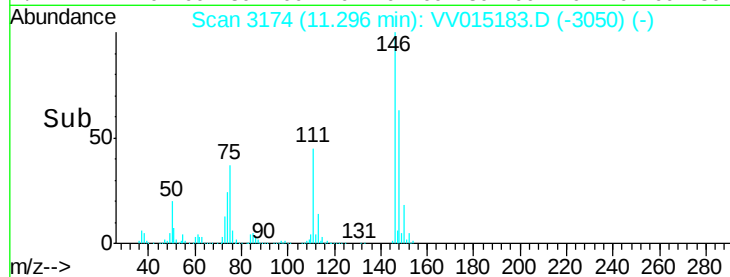
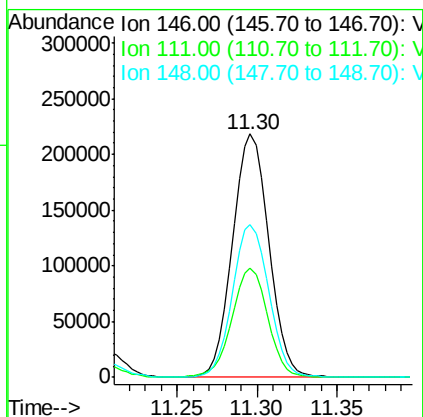
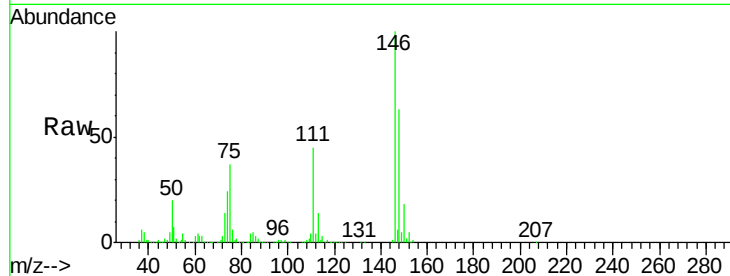




#63
 1,4-Dichlorobenzene
 Concen: 41.462 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015183.D
 Acq: 26 Mar 2020 22:36

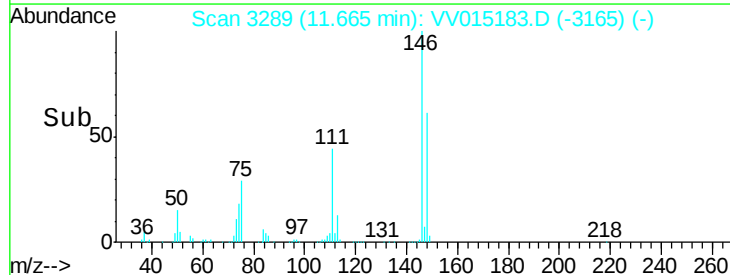
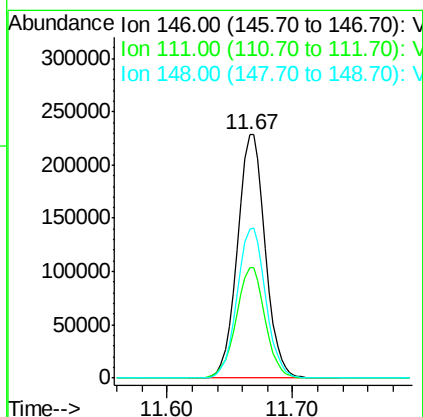
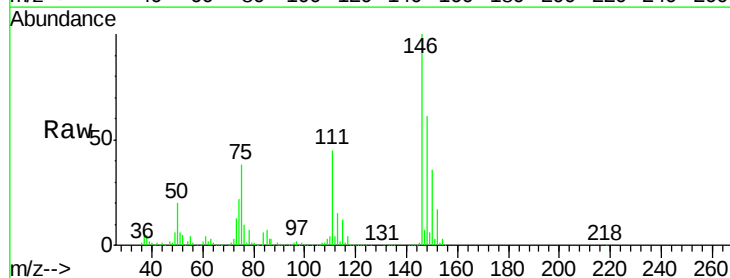
Instrument :
 MSVOA_V
 ClientSampled :
 C0DL6DL

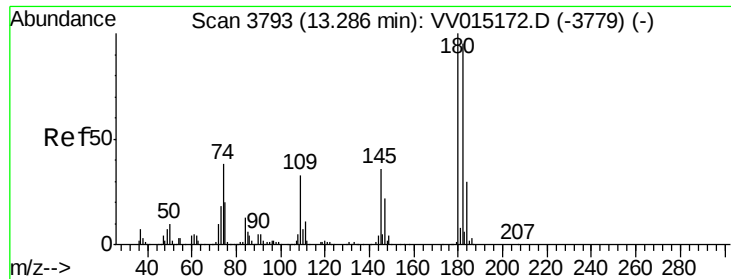
Tot Ion:146 Resp: 335932
 Ion Ratio Lower Upper
 146 100
 111 45.0 29.2 54.2
 148 62.8 44.8 83.2



#65
 1,2-Dichlorobenzene
 Concen: 43.259 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015183.D
 Acq: 26 Mar 2020 22:36

Tgt Ion:146 Resp: 351770
 Ion Ratio Lower Upper
 146 100
 111 45.4 35.4 53.2
 148 61.3 49.7 74.5

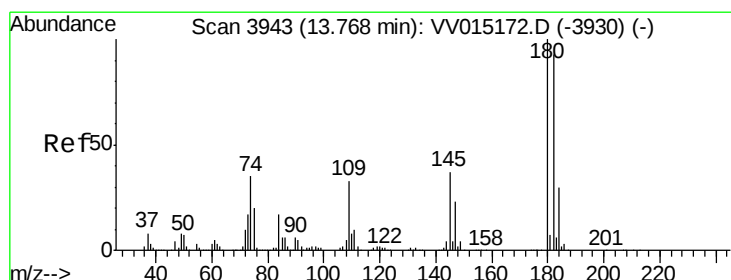
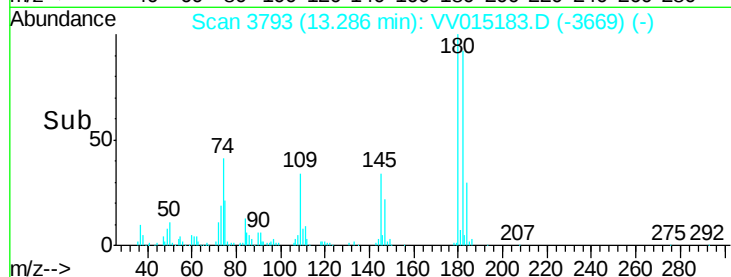
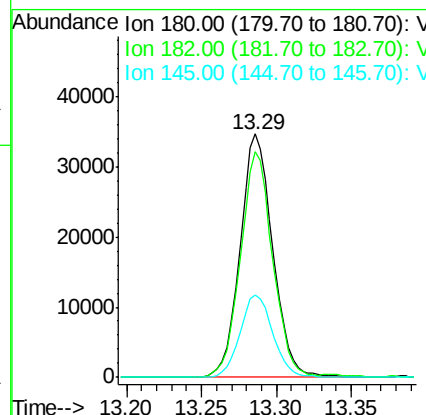
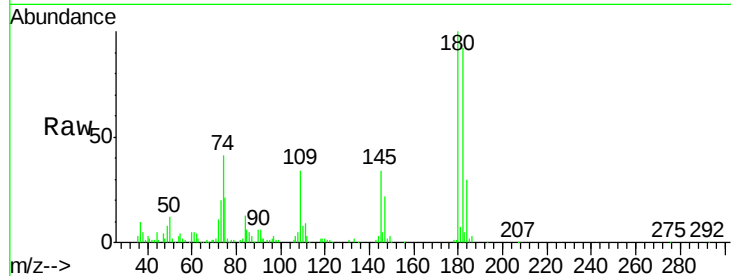




#68
 1,2,4-trichlorobenzene
 Concen: 10.749 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015183.D
 Acq: 26 Mar 2020 22:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL6DL

Tot Ion:180 Resp: 52618
 Ion Ratio Lower Upper
 180 100
 182 91.4 75.2 112.8
 145 34.0 27.5 41.3



#70
 1,2,3-Trichlorobenzene
 Concen: 3.158 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015183.D
 Acq: 26 Mar 2020 22:36

Tgt Ion:180 Resp: 15478
 Ion Ratio Lower Upper
 180 100
 182 91.4 74.6 112.0
 145 38.2 29.9 44.9

