

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015036.D
 Acq On : 19 Mar 2020 00:27
 Operator : SY/MD
 Sample : L1941-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL8

Quant Time: Mar 19 05:55:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 04:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326604	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79733	52.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.50%
7) Chloroethane-d5	1.58	69	64703	54.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.14%
11) 1,1-Dichloroethene-d2	2.12	63	103324	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.24%
21) 2-Butanone-d5	3.94	46	95182	92.00	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	4.38	84	198753	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
26) 1,2-Dichloroethane-d4	5.06	65	128724	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
32) Benzene-d6	5.08	84	405647	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
36) 1,2-Dichloropropane-d6	6.10	67	119140	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.50%
41) Toluene-d8	7.34	98	396035	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%
43) trans-1,3-Dichloropropene-	7.64	79	56977	47.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.28%
47) 2-Hexanone-d5	8.12	63	102343	99.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.27%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	169023	50.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	174375	53.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.70%

Target Compounds

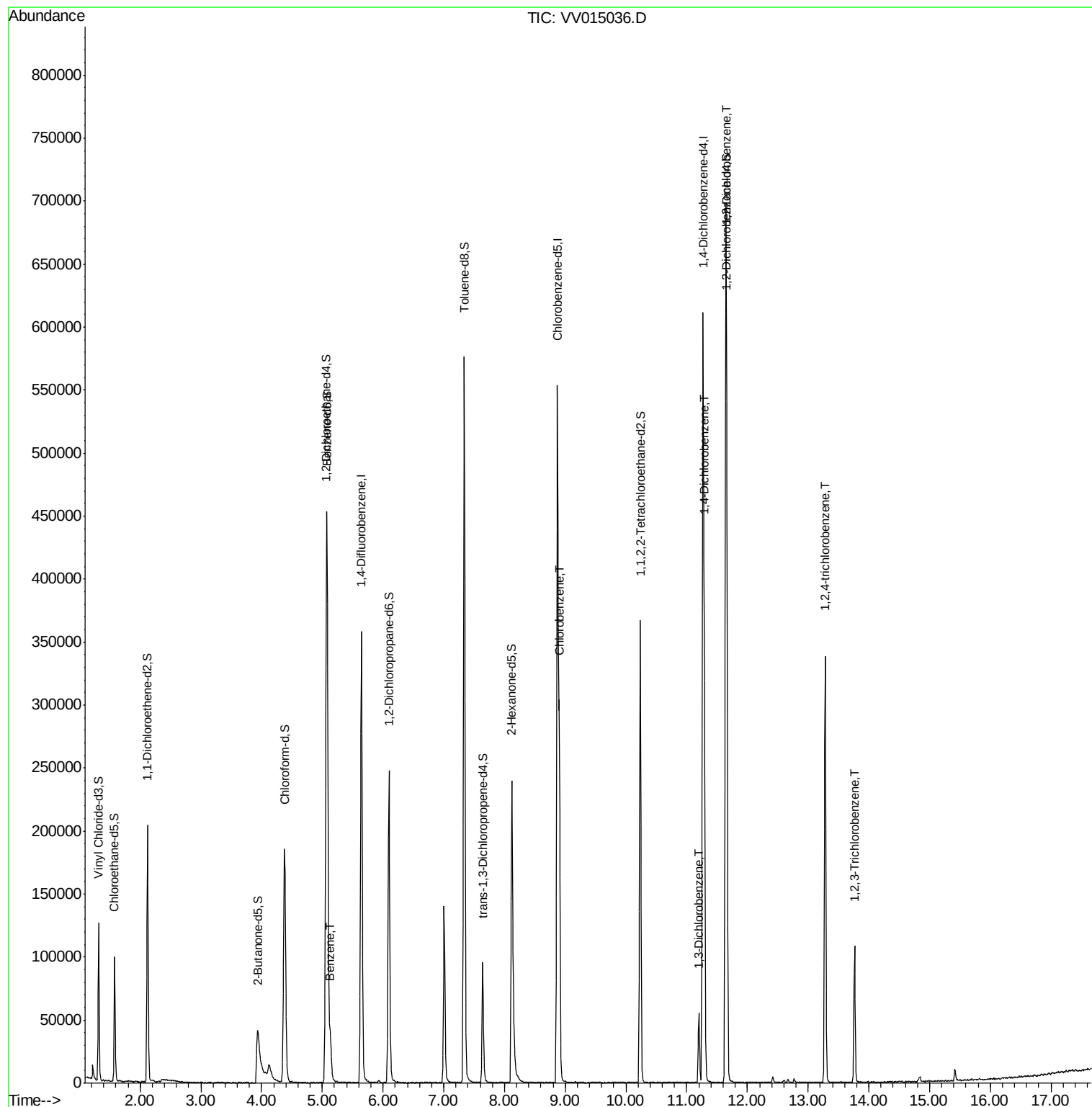
					Ovalue
33) Benzene	5.13	78	37831	4.796	ug/L 100
51) Chlorobenzene	8.90	112	159132	25.380	ug/L 100
62) 1,3-Dichlorobenzene	11.20	146	25335	5.169	ug/L 98
63) 1,4-Dichlorobenzene	11.29	146	137905	27.032	ug/L 97
65) 1,2-Dichlorobenzene	11.66	146	146379	28.119	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	114332	32.016	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	36874	10.510	ug/L 99

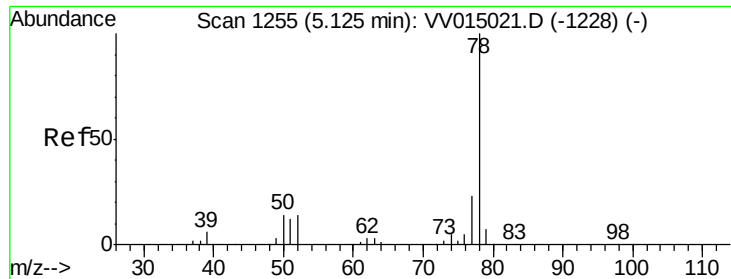
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031820\
Data File : VV015036.D
Acq On : 19 Mar 2020 00:27
Operator : SY/MD
Sample : L1941-18
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DL8

Quant Time: Mar 19 05:55:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration





#33

Benzene

Concen: 4.796 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV015036.D

Acq: 19 Mar 2020 00:27

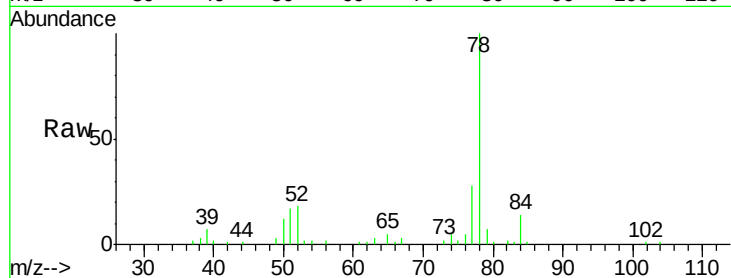
Instrument :

MSVOA_V

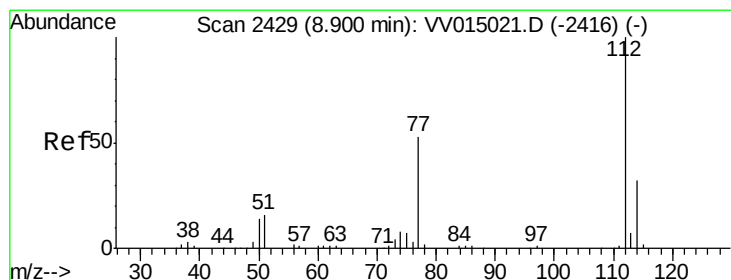
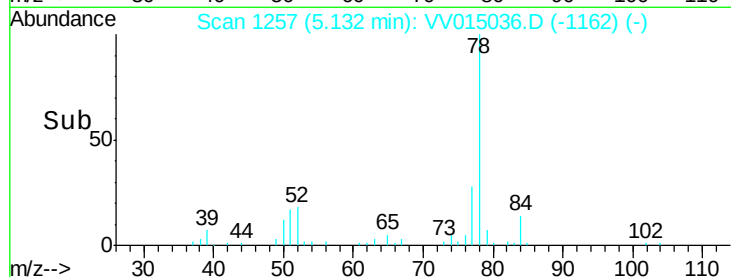
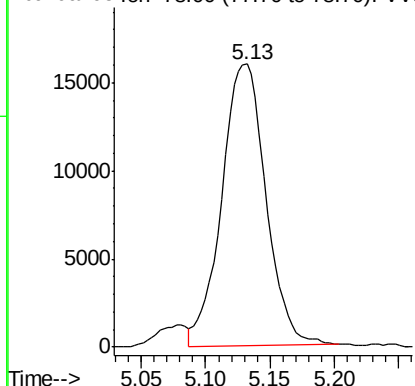
ClientSampleId :

C0DL8

Tgt Ion: 78 Resp: 37831



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 25.380 ug/L

RT: 8.90 min Scan# 2429

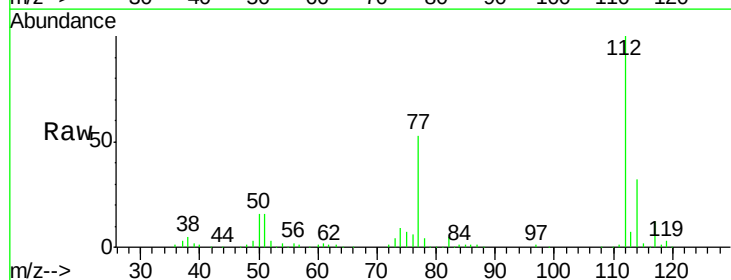
Delta R.T. 0.00 min

Lab File: VV015036.D

Acq: 19 Mar 2020 00:27

Tgt Ion: 112 Resp: 159132

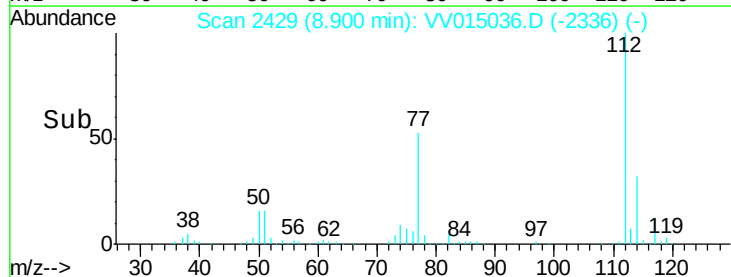
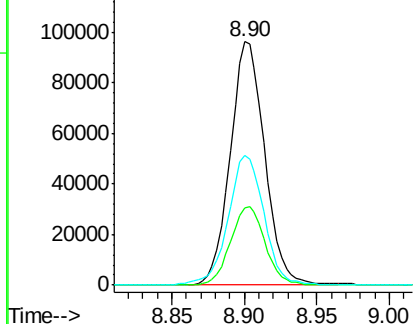
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.4	41.6
77	53.5	42.9	64.3

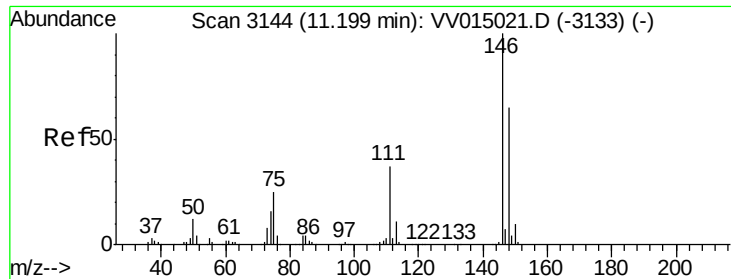


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

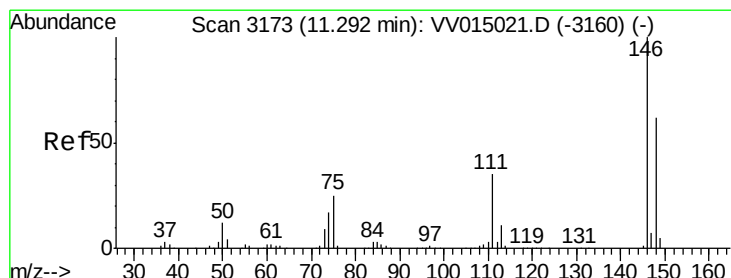
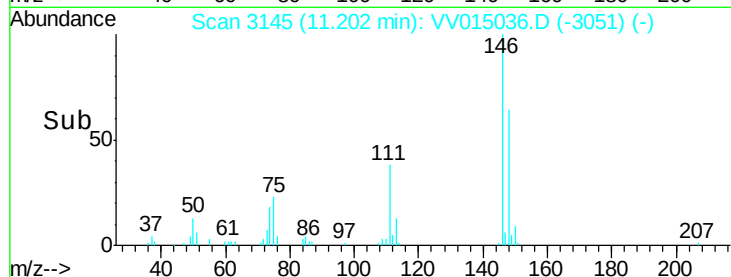
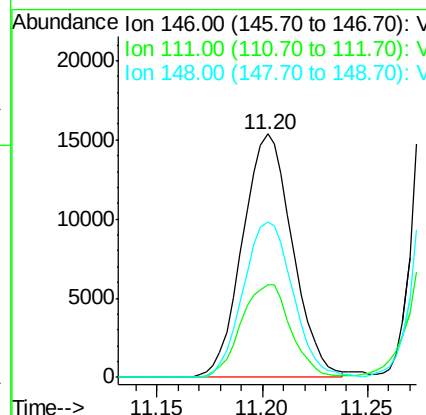
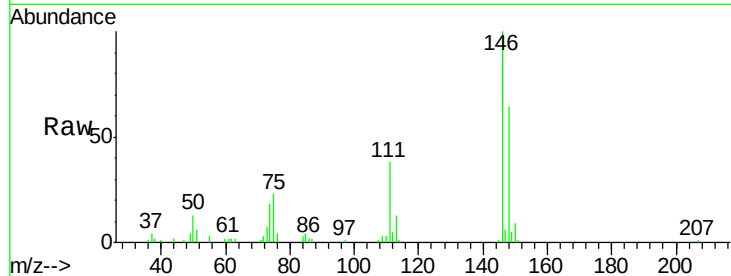




#62
 1,3-Dichlorobenzene
 Concen: 5.169 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

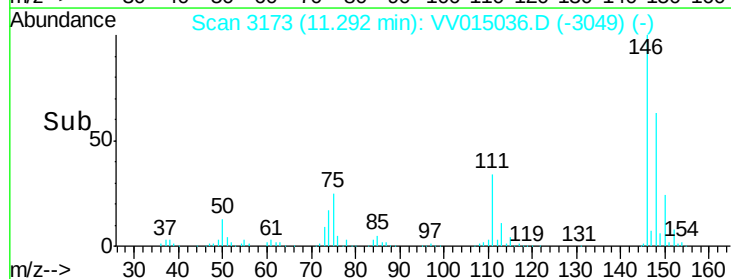
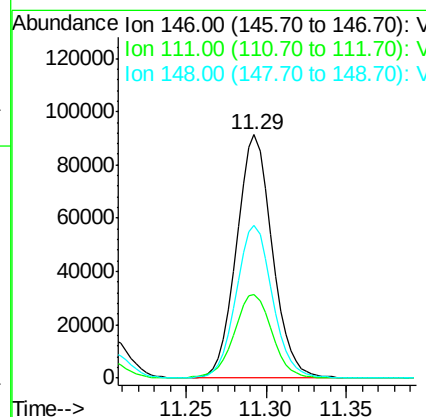
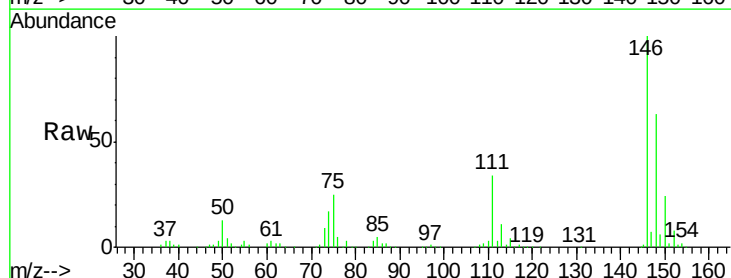
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL8

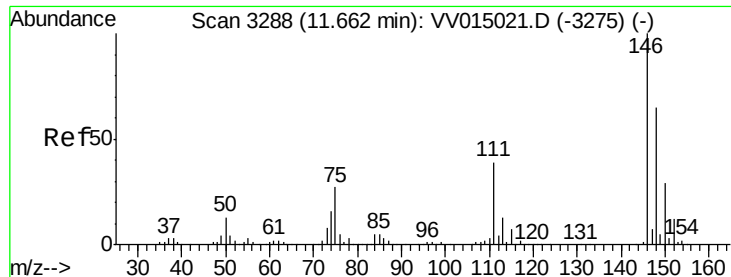
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	25.7	47.7
148	63.8	45.4	84.4



#63
 1,4-Dichlorobenzene
 Concen: 27.032 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.3	25.8	48.0
148	62.9	45.7	84.9

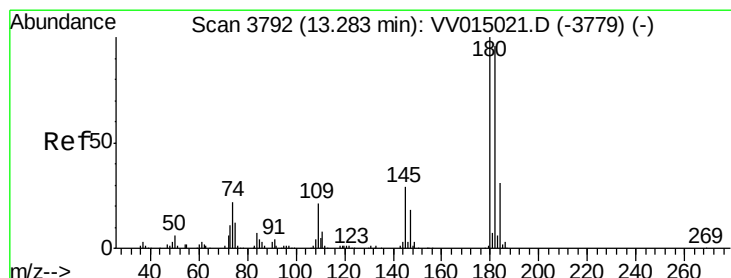
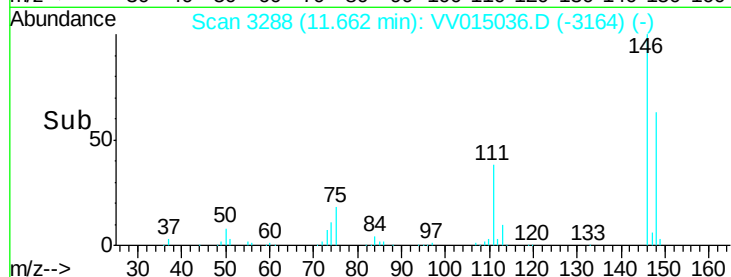
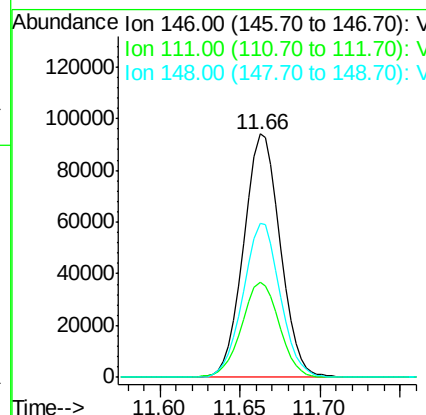
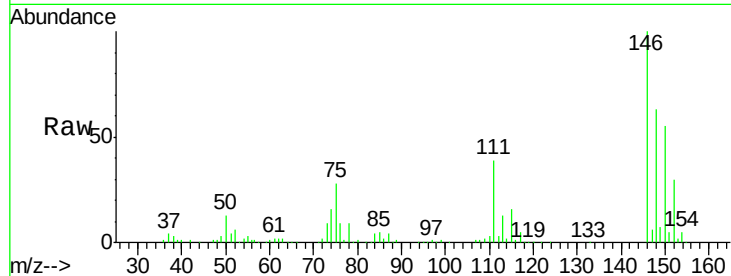




#65
 1,2-Dichlorobenzene
 Concen: 28.119 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

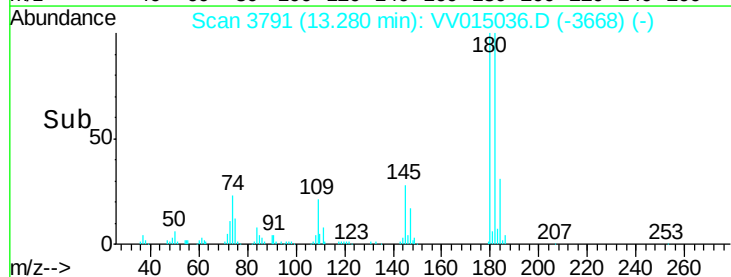
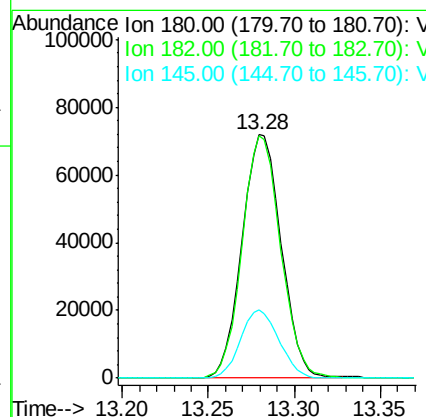
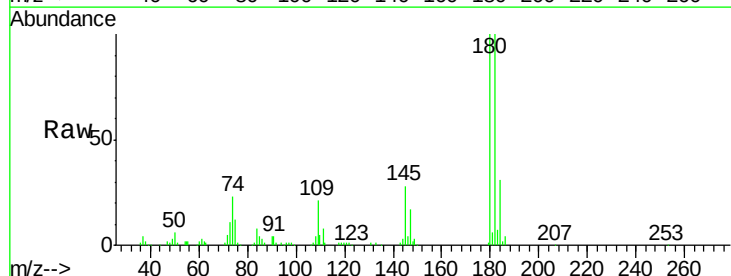
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL8

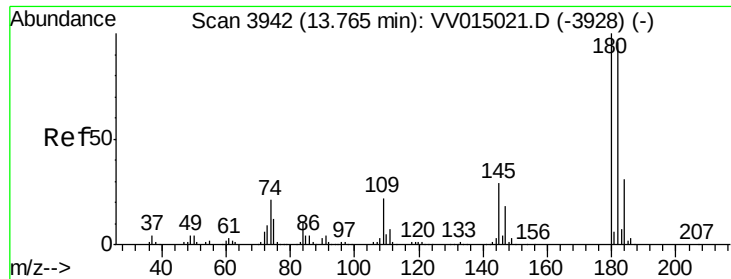
Tot Ion:146 Resp: 146379
 Ion Ratio Lower Upper
 146 100
 111 39.1 31.5 47.3
 148 63.2 51.7 77.5



#68
 1,2,4-trichlorobenzene
 Concen: 32.016 ug/L
 RT: 13.28 min Scan# 3791
 Delta R.T. -0.00 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

Tgt Ion:180 Resp: 114332
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.3 114.5
 145 27.6 22.2 33.4





#70
 1,2,3-Trichlorobenzene
 Concen: 10.510 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV015036.D
 Acq: 19 Mar 2020 00:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL8

Tot Ion:180	Resp:	36874
Ion	Ratio	Lower Upper
180	100	
182	93.8	75.5 113.3
145	28.8	23.5 35.3

