

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015371.D
 Acq On : 02 Apr 2020 13:59
 Operator : SY/MD
 Sample : L2005-03 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DE4

Quant Time: Apr 03 02:44:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	706368	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	689368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	321604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	226499	35.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.52%
7) Chloroethane-d5	1.58	69	208698	38.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.14%
11) 1,1-Dichloroethene-d2	2.12	63	349659	30.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.78%
21) 2-Butanone-d5	3.94	46	316546	94.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.03%
24) Chloroform-d	4.38	84	427629	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.06	65	280171	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
32) Benzene-d6	5.07	84	902421	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
36) 1,2-Dichloropropane-d6	6.09	67	272541	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.08%
41) Toluene-d8	7.34	98	859521	42.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.68%
43) trans-1,3-Dichloropropene-	7.64	79	138254	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.96%
47) 2-Hexanone-d5	8.12	63	248902	87.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	389905	43.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	333274	45.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.10%

Target Compounds

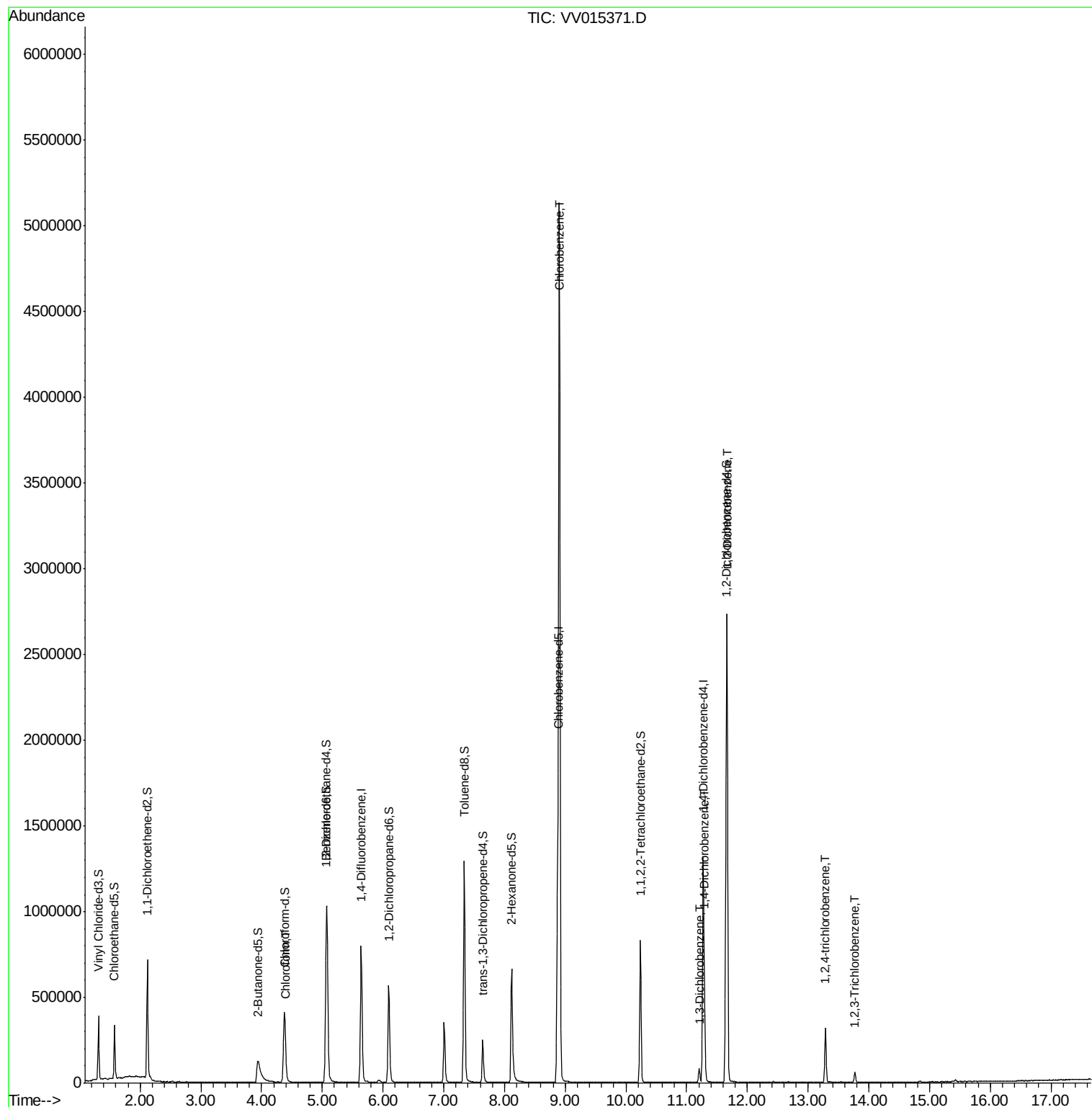
					Ovalue
25) Chloroform	4.41	83	13062	1.372	ug/L 100
51) Chlorobenzene	8.90	112	2740700	184.409	ug/L 97
62) 1,3-Dichlorobenzene	11.21	146	33748	3.117	ug/L 97
63) 1,4-Dichlorobenzene	11.30	146	167501	15.254	ug/L 97
65) 1,2-Dichlorobenzene	11.67	146	950089	86.035	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	92462	14.107	ug/L 97
70) 1,2,3-Trichlorobenzene	13.77	180	16535	2.449	ug/L 100

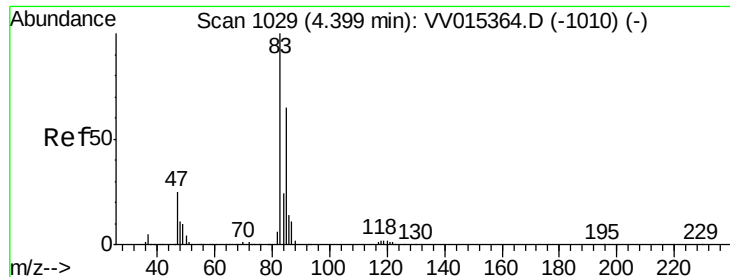
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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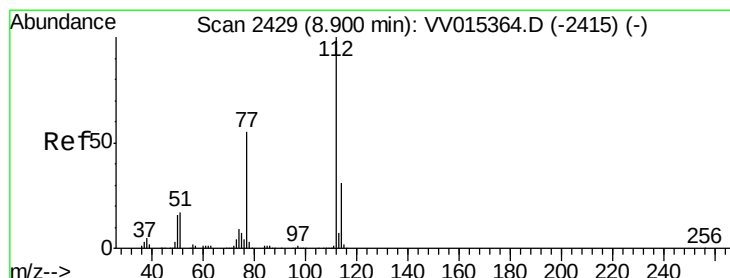
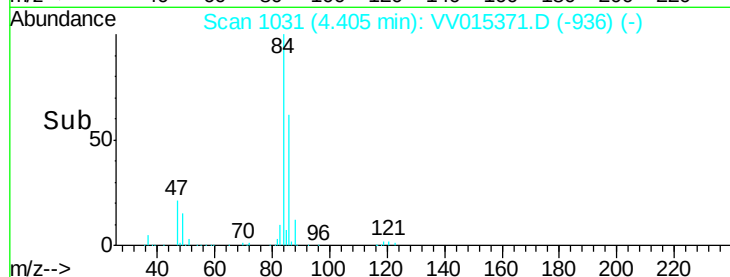
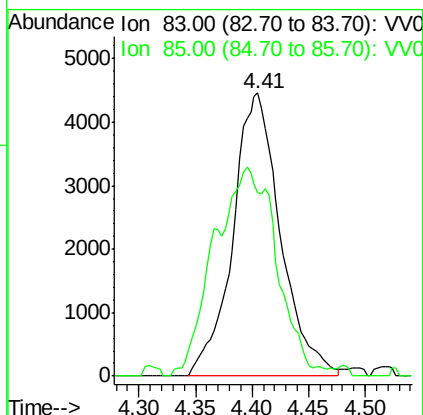
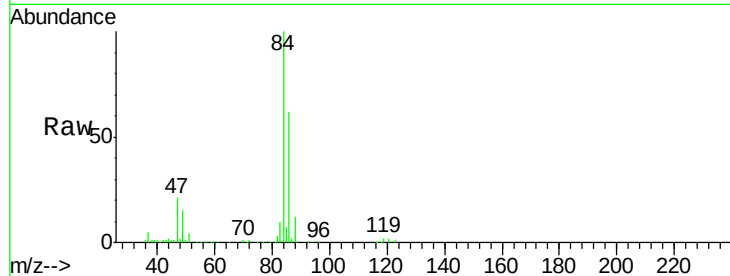




#25
Chloroform
Concen: 1.372 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015371.D
Acq: 02 Apr 2020 13:59

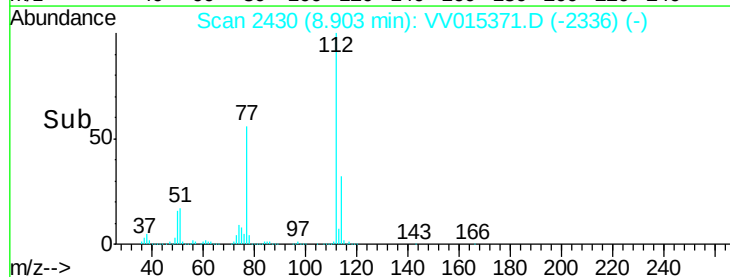
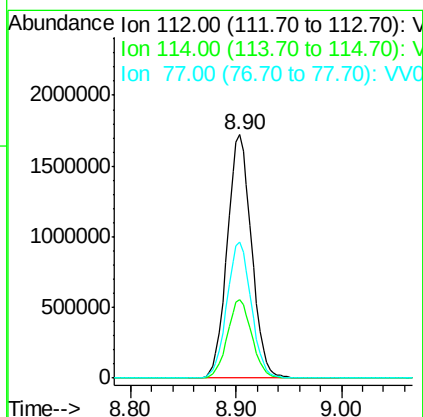
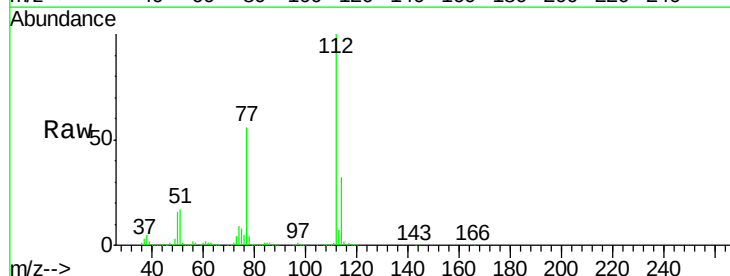
Instrument :
MSVOA_V
ClientSampleId :
C0DE4

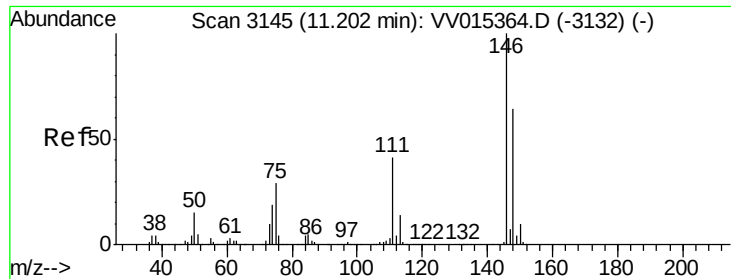
Tot Ion: 83 Resp: 13062
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.9



#51
Chlorobenzene
Concen: 184.409 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015371.D
Acq: 02 Apr 2020 13:59

Tgt Ion: 112 Resp: 2740700
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.4
77 55.6 46.2 69.2





#62

1,3-Dichlorobenzene

Concen: 3.117 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015371.D

Acq: 02 Apr 2020 13:59

Instrument :

MSVOA_V

ClientSampleId :

C0DE4

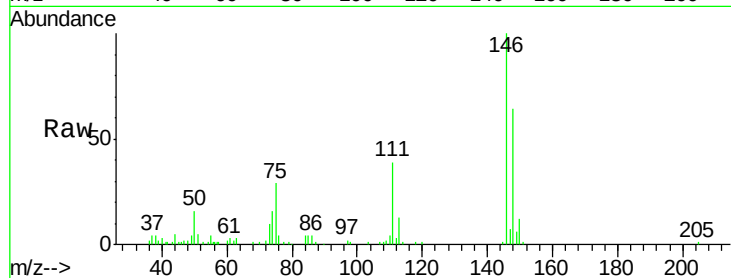
Tot Ion:146 Resp: 33748

Ion Ratio Lower Upper

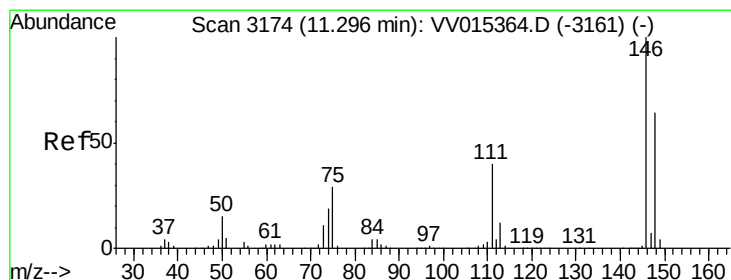
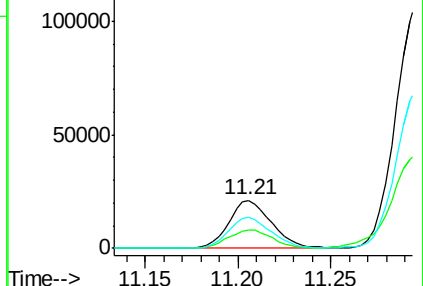
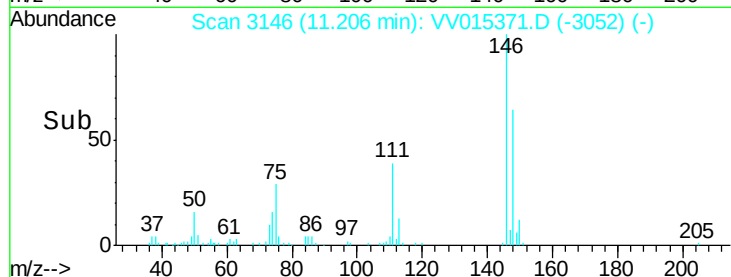
146 100

111 38.7 30.2 56.2

148 64.0 44.7 83.1



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: 15.254 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015371.D

Acq: 02 Apr 2020 13:59

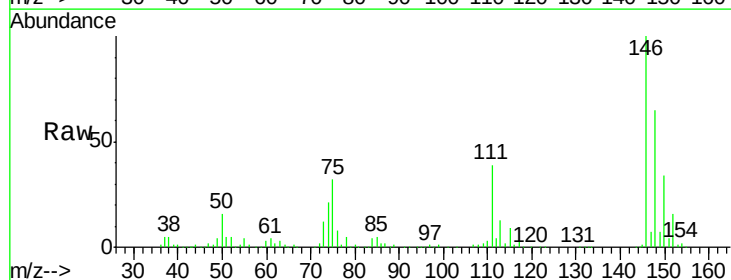
Tgt Ion:146 Resp: 167501

Ion Ratio Lower Upper

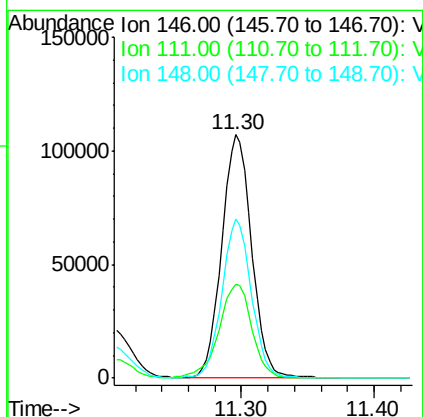
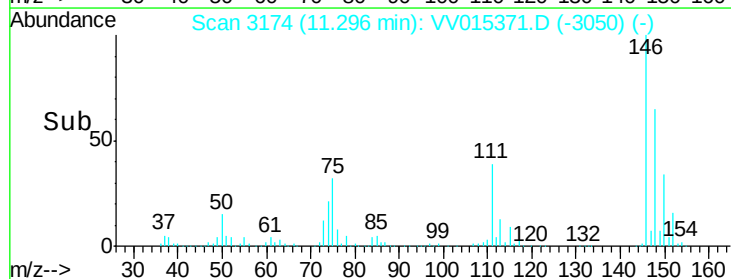
146 100

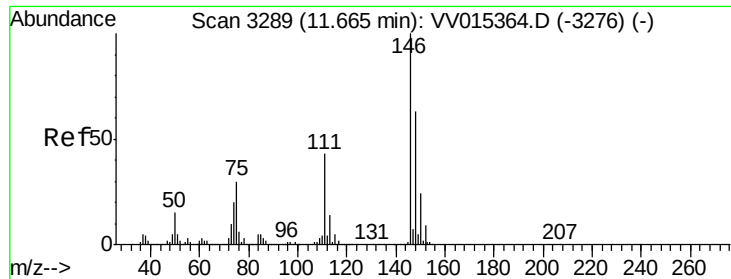
111 38.8 29.3 54.5

148 65.2 44.7 82.9



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

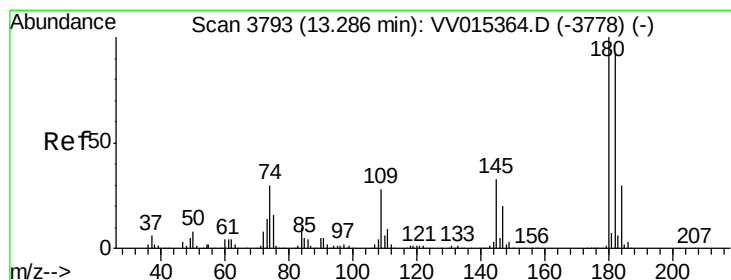
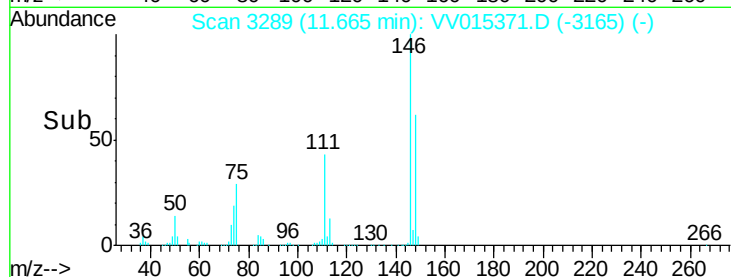
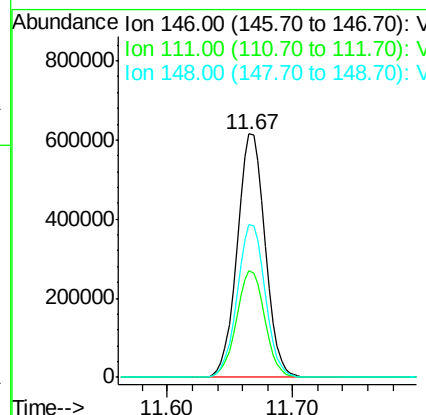
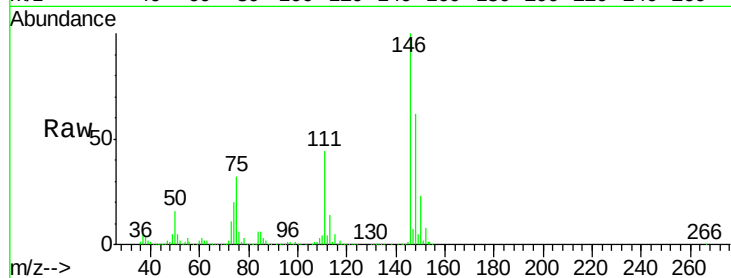




#65
 1,2-Dichlorobenzene
 Concen: 86.035 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015371.D
 Acq: 02 Apr 2020 13:59

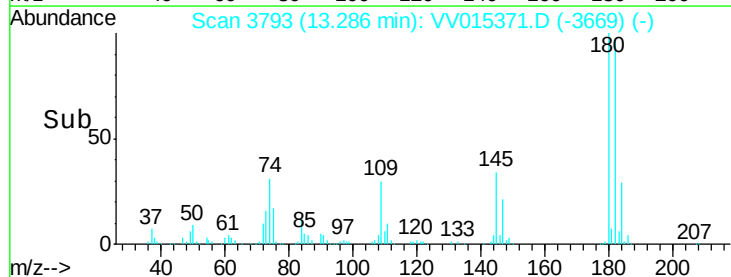
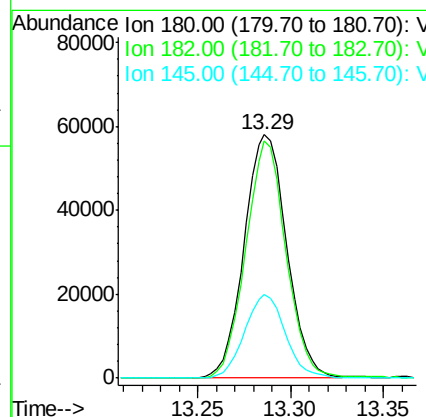
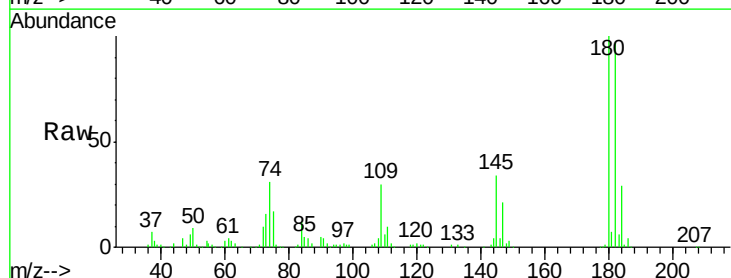
Instrument :
 MSVOA_V
 ClientSampled :
 CODE4

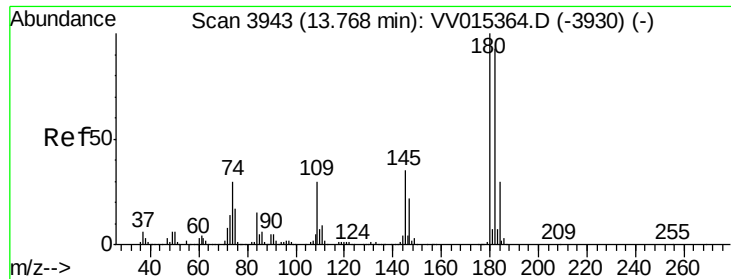
Tot Ion:146 Resp: 950089
 Ion Ratio Lower Upper
 146 100
 111 43.7 35.1 52.7
 148 62.5 51.0 76.4



#68
 1,2,4-trichlorobenzene
 Concen: 14.107 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015371.D
 Acq: 02 Apr 2020 13:59

Tgt Ion:180 Resp: 92462
 Ion Ratio Lower Upper
 180 100
 182 92.1 75.8 113.8
 145 32.8 27.7 41.5

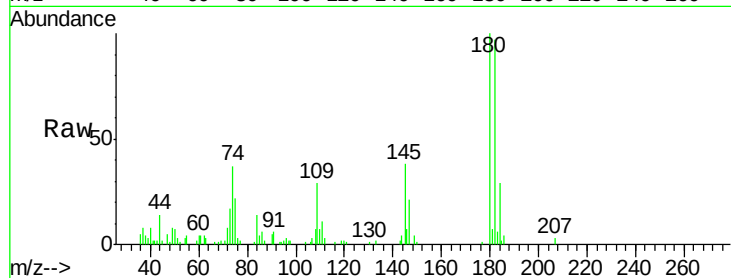




#70
 1,2,3-Trichlorobenzene
 Concen: 2.449 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015371.D
 Acq: 02 Apr 2020 13:59

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DE4

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	35.2	28.2	42.4



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

