

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015226.D
 Acq On : 28 Mar 2020 05:33
 Operator : SY/MD
 Sample : L2003-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 07:00:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	672608	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	639873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	282107	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144269	52.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.72%
7) Chloroethane-d5	1.58	69	143367	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.02%
11) 1,1-Dichloroethene-d2	2.12	63	240308	35.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.42%
21) 2-Butanone-d5	3.94	46	223002	68.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.98%
24) Chloroform-d	4.23	84	156	0.02	ug/L	-0.14
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.06	65	199664	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
32) Benzene-d6	5.08	84	570770	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	6.10	67	185990	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.14%
41) Toluene-d8	7.34	98	519069	52.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.56%
43) trans-1,3-Dichloropropene-	7.64	79	93163	41.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.62%
47) 2-Hexanone-d5	8.12	63	177765	72.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	275613	37.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	203910	42.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.74%

Target Compounds

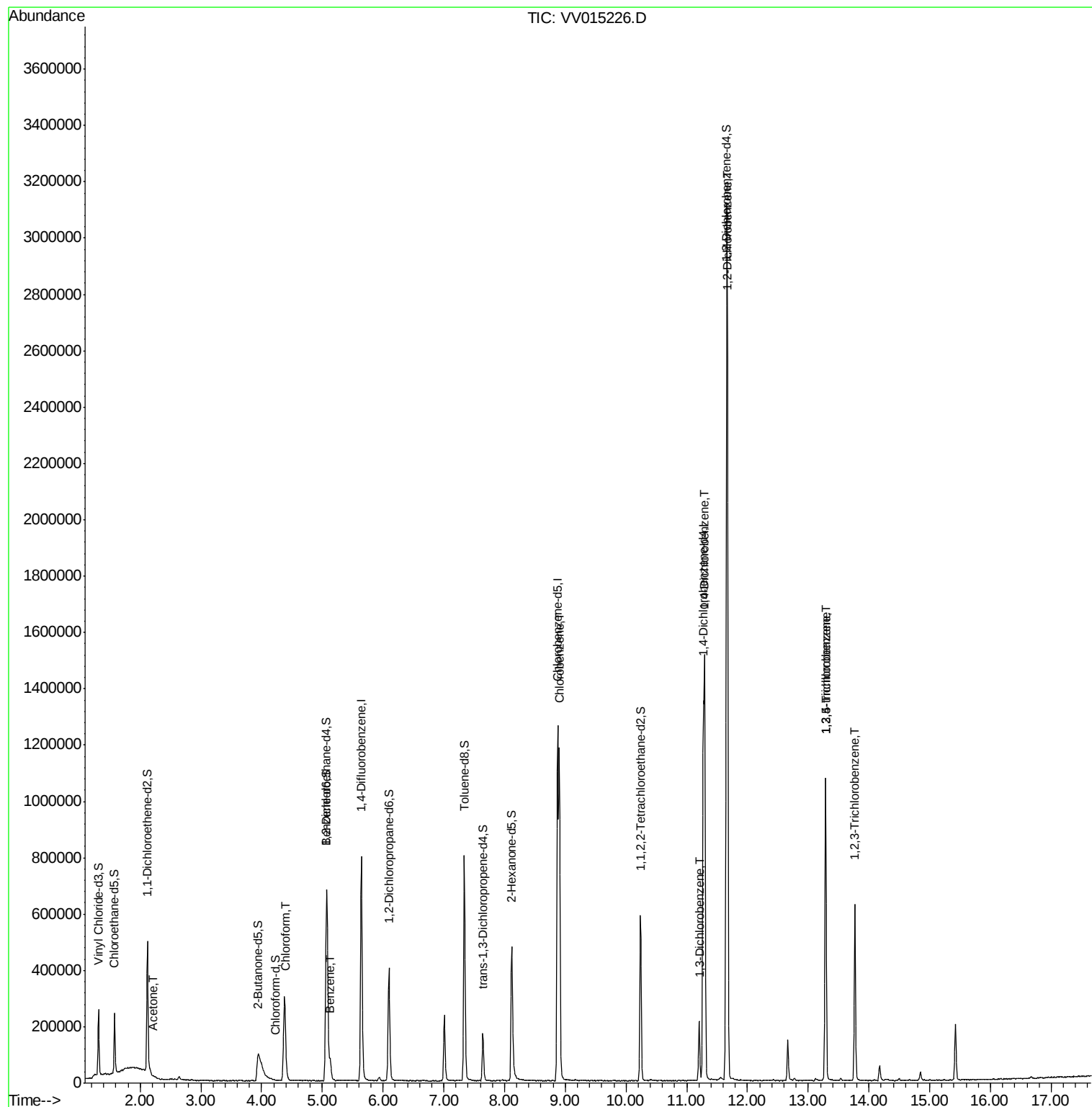
					Ovalue
13) Acetone	2.22	43	5310	2.814	ug/L # 100
25) Chloroform	4.40	83	8627	0.999	ug/L 94
33) Benzene	5.13	78	72226	4.026	ug/L 100
51) Chlorobenzene	8.90	112	596999	46.244	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	74796	8.518	ug/L 97
63) 1,4-Dichlorobenzene	11.30	146	509705	57.754	ug/L 97
65) 1,2-Dichlorobenzene	11.67	146	1061666	117.929	ug/L 99
67) 1,3,5-Trichlorobenzene	13.29	180	275932	49.498	ug/L 98
68) 1,2,4-trichlorobenzene	13.29	180	275932	53.221	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	158178	29.752	ug/L 97

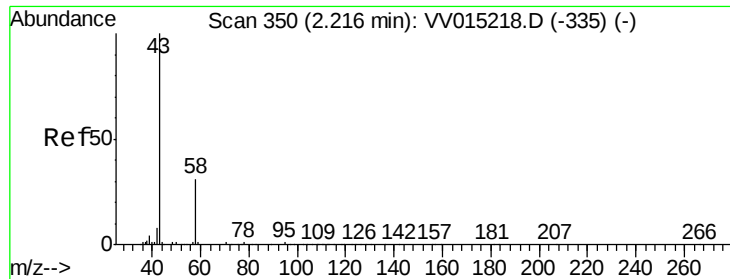
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032720\
Data File : VV015226.D
Acq On : 28 Mar 2020 05:33
Operator : SY/MD
Sample : L2003-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 28 07:00:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 28 05:21:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.814 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV015226.D

Acq: 28 Mar 2020 05:33

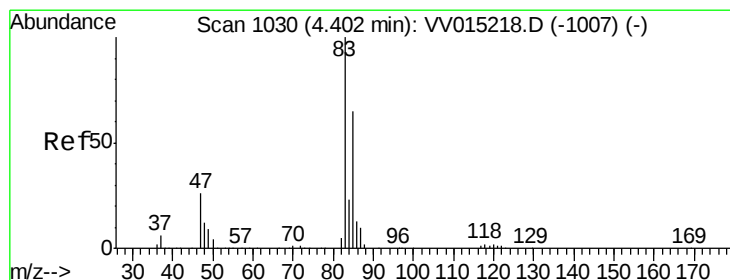
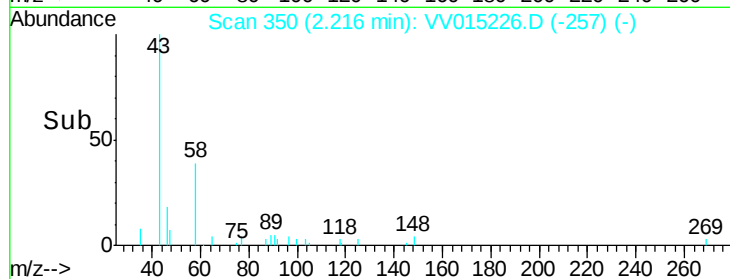
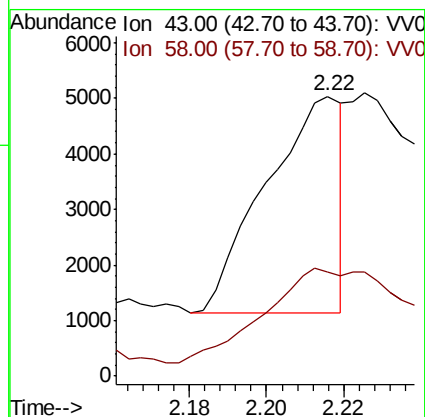
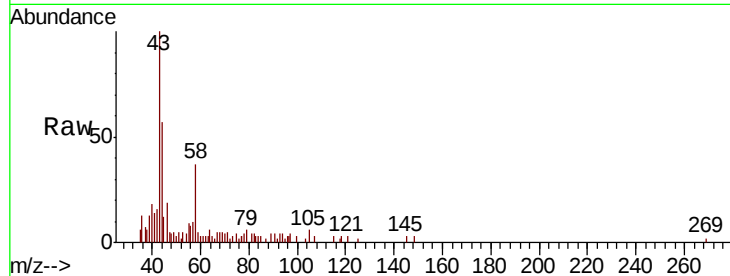
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5310

Ion Ratio Lower Upper

43 100

58 44.5 0.0 0.0#



#25

Chloroform

Concen: 0.999 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV015226.D

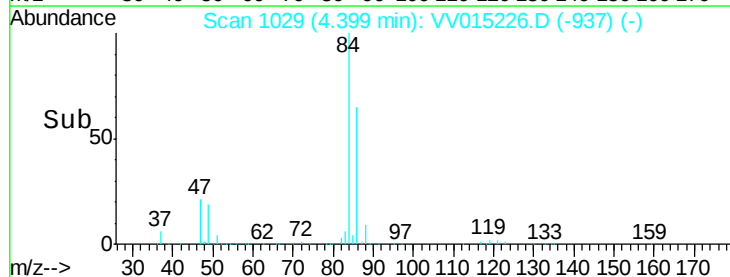
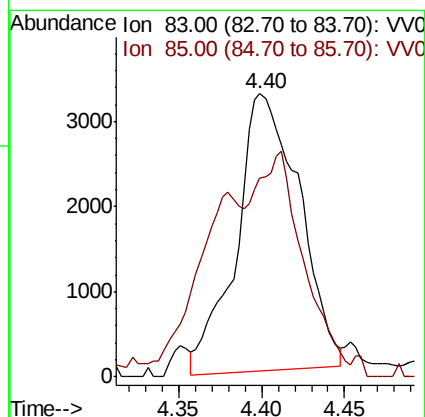
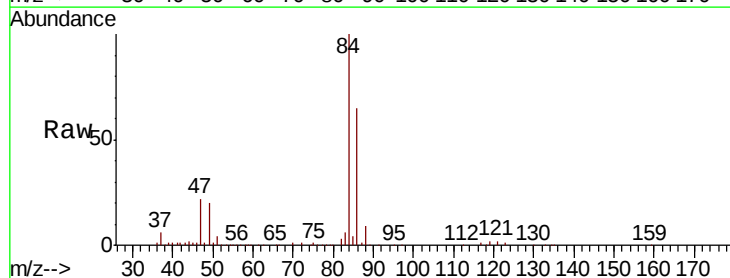
Acq: 28 Mar 2020 05:33

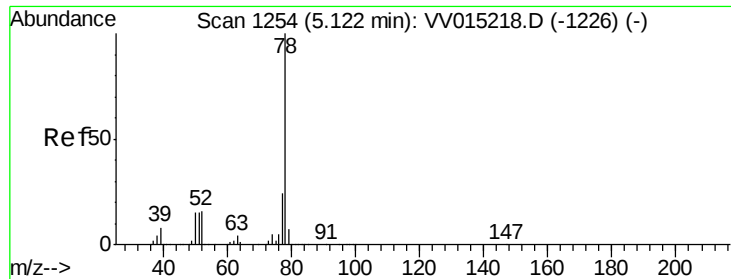
Tgt Ion: 83 Resp: 8627

Ion Ratio Lower Upper

83 100

85 70.4 46.2 85.8

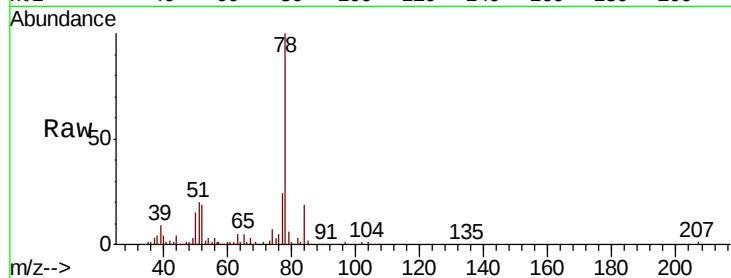




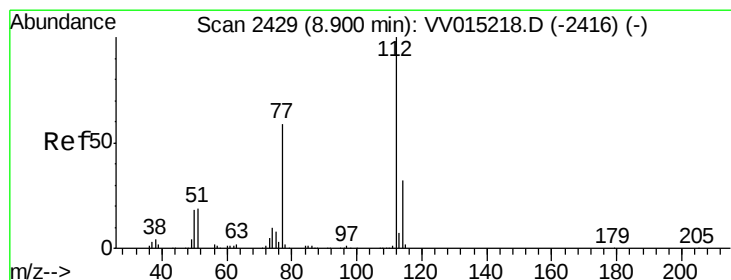
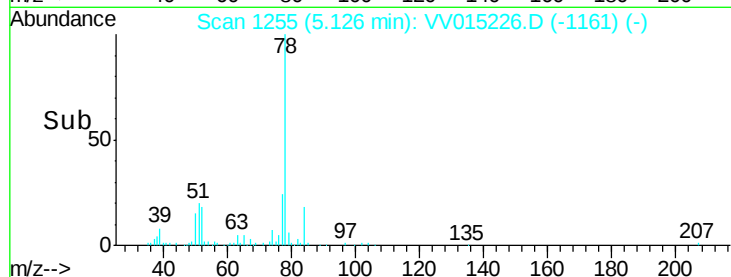
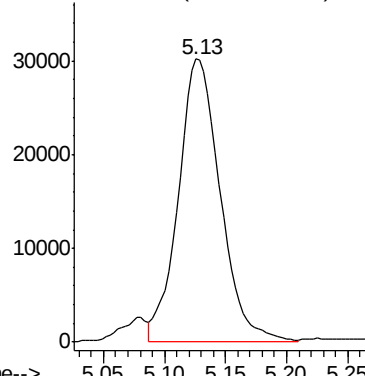
#33
Benzene
Concen: 4.026 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015226.D
Acq: 28 Mar 2020 05:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 72226

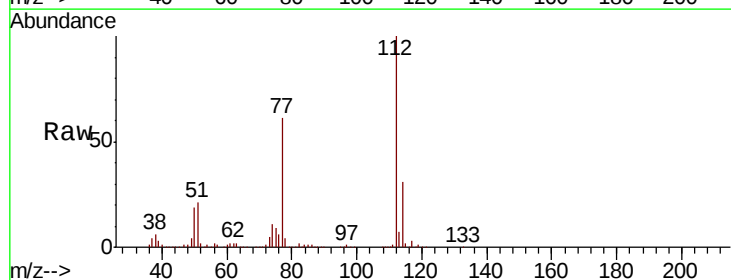


Abundance Ion 78.00 (77.70 to 78.70): VV0

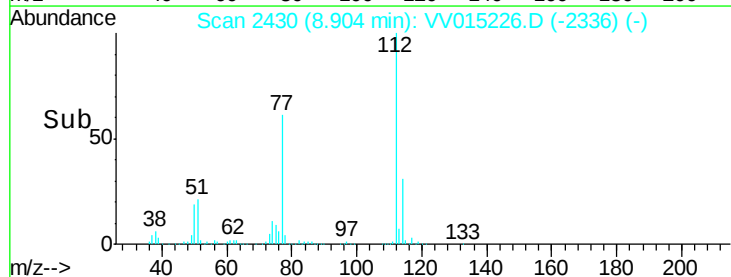
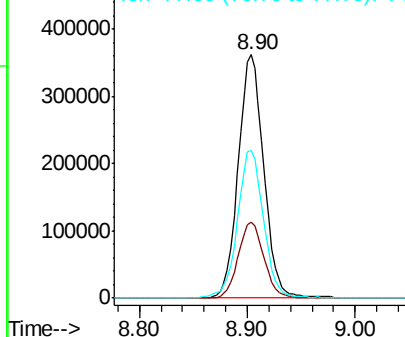


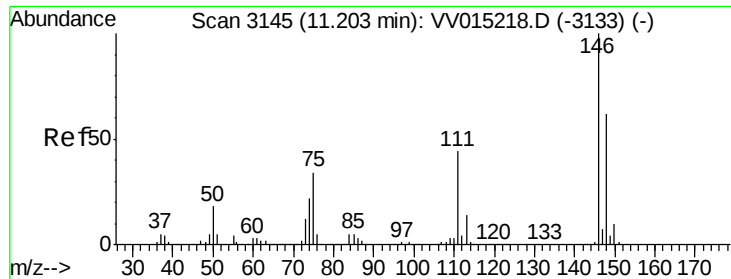
#51
Chlorobenzene
Concen: 46.244 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015226.D
Acq: 28 Mar 2020 05:33

Tgt Ion: 112 Resp: 596999
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.5
77 60.9 48.2 72.2



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

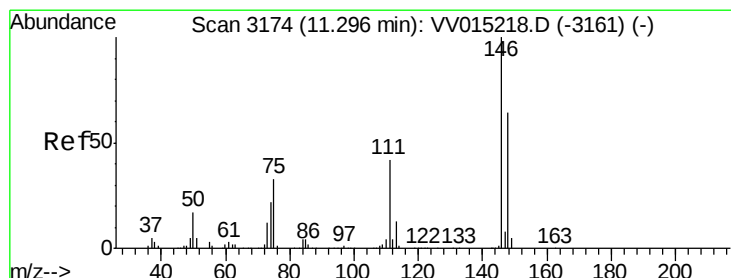
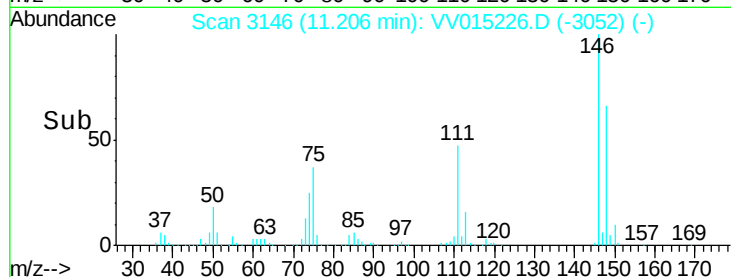
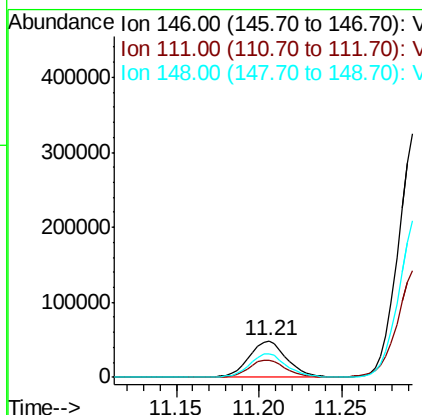
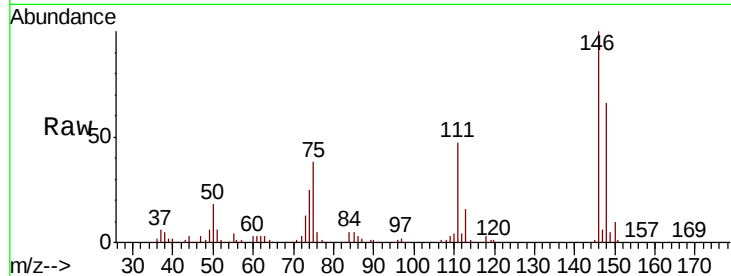




#62
 1,3-Dichlorobenzene
 Concen: 8.518 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV015226.D
 Acq: 28 Mar 2020 05:33

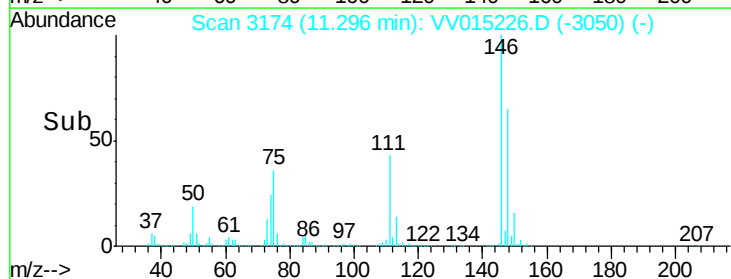
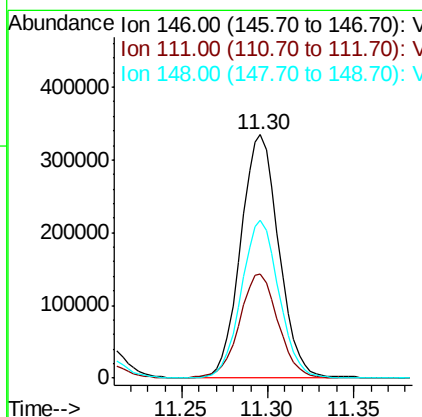
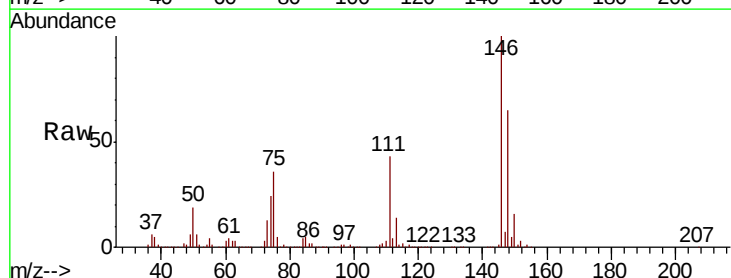
Instrument :
 MSVOA_V
 ClientSampled :

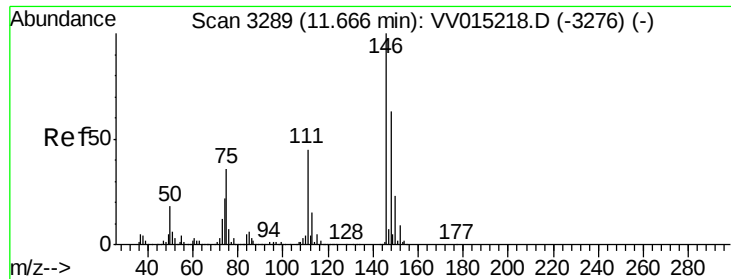
Tot Ion:146 Resp: 74796
 Ion Ratio Lower Upper
 146 100
 111 46.7 32.1 59.7
 148 66.1 44.0 81.6



#63
 1,4-Dichlorobenzene
 Concen: 57.754 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015226.D
 Acq: 28 Mar 2020 05:33

Tgt Ion:146 Resp: 509705
 Ion Ratio Lower Upper
 146 100
 111 42.9 29.4 54.6
 148 64.9 43.6 81.0

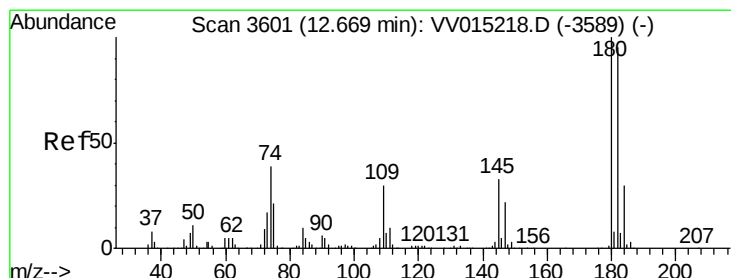
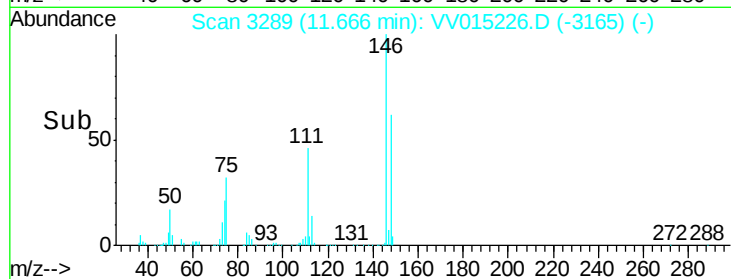
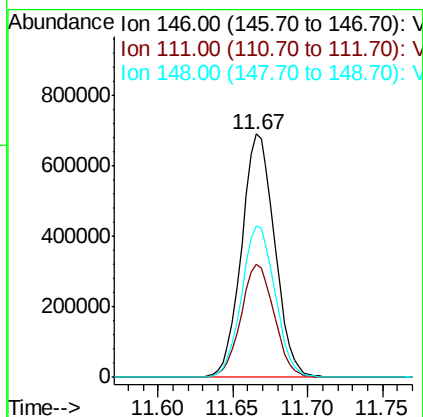
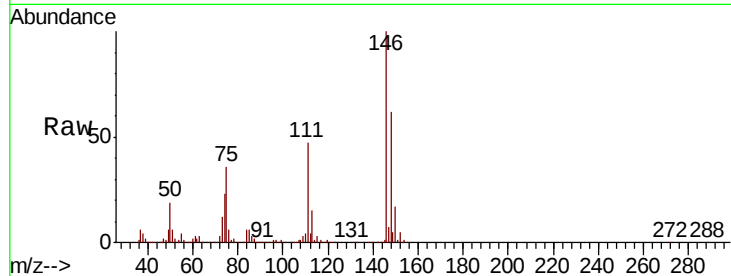




#65
 1,2-Dichlorobenzene
 Concen: 117.929 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015226.D
 Acq: 28 Mar 2020 05:33

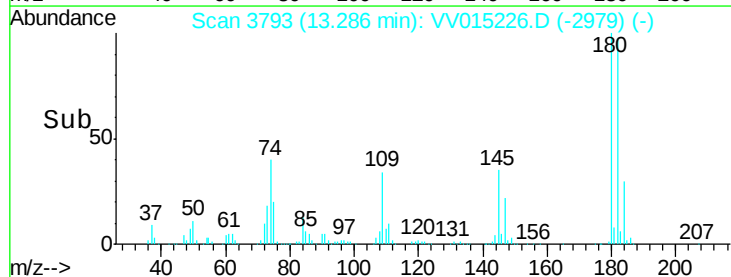
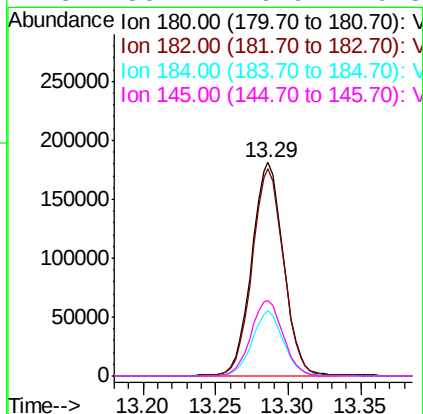
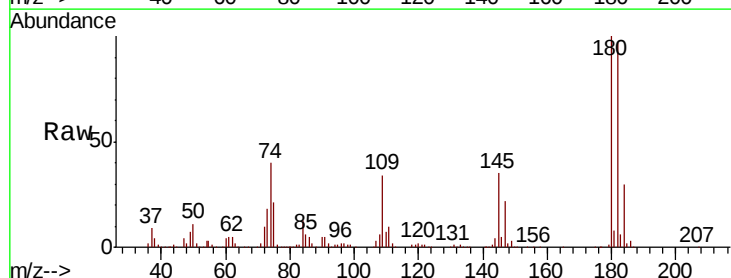
Instrument :
 MSVOA_V
 ClientSampleId :

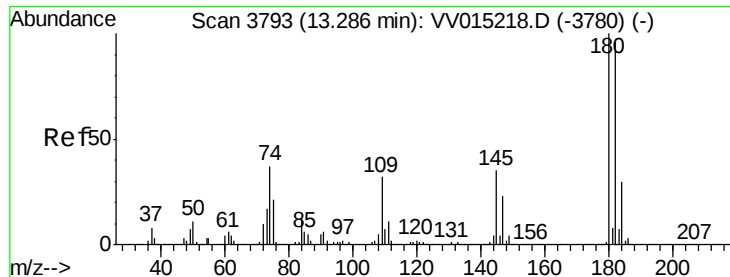
Tot Ion:146 Resp: 1061666
 Ion Ratio Lower Upper
 146 100
 111 46.6 37.6 56.4
 148 61.9 50.6 76.0



#67
 1,3,5-Trichlorobenzene
 Concen: 49.498 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015226.D
 Acq: 28 Mar 2020 05:33

Tgt Ion:180 Resp: 275932
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.4 113.0
 184 30.3 23.8 35.8
 145 36.1 26.9 40.3

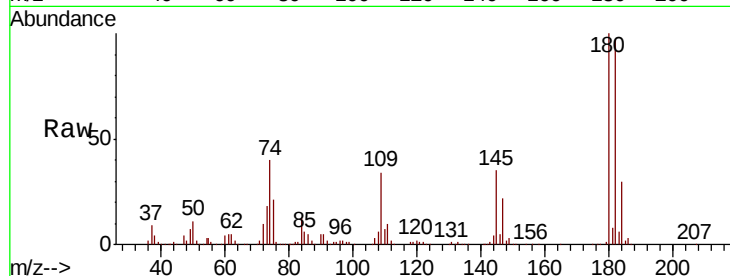




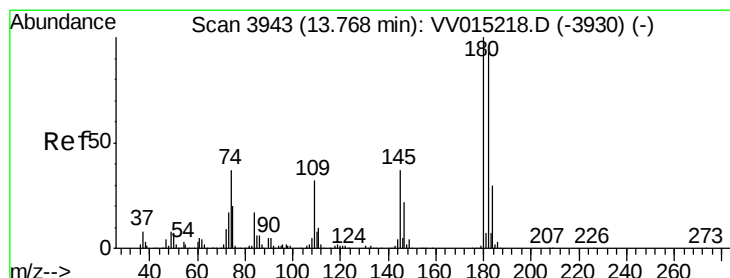
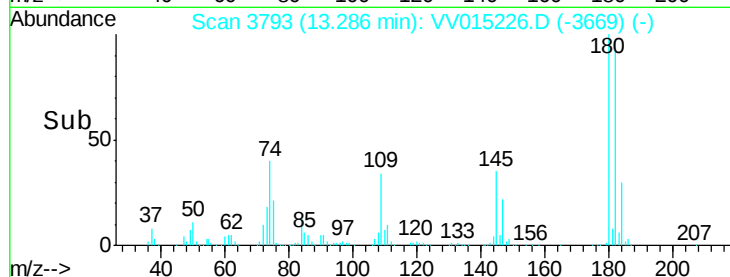
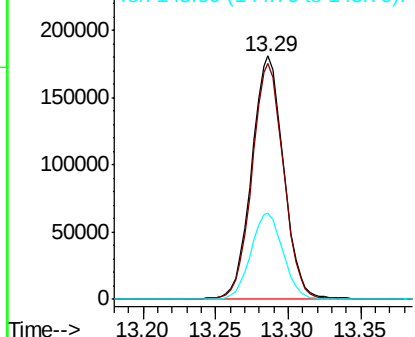
#68
 1,2,4-trichlorobenzene
 Concen: 53.221 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015226.D
 Acq: 28 Mar 2020 05:33

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	180	Resp	275932
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.5	113.3
145	36.1	28.5	42.7

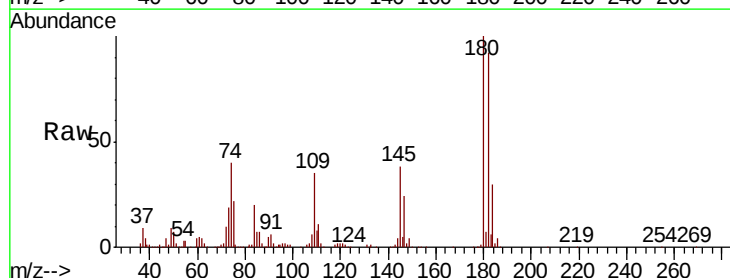


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 29.752 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015226.D
 Acq: 28 Mar 2020 05:33

Tgt Ion	180	Resp	158178
Ion Ratio	Lower	Upper	
180	100		
182	92.1	75.9	113.9
145	37.6	29.0	43.6



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

