

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015040.D
 Acq On : 19 Mar 2020 02:04
 Operator : SY/MD
 Sample : VIBLK71
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK71

Quant Time: Mar 19 06:54:46 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	354709	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344859	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170249	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113972	68.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	137.54%#
7) Chloroethane-d5	1.58	69	90996	70.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	140.04%#
11) 1,1-Dichloroethene-d2	2.12	63	119705	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.52%
21) 2-Butanone-d5	3.93	46	100216	89.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.19%
24) Chloroform-d	4.38	84	207138	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	5.06	65	138291	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.54%
32) Benzene-d6	5.08	84	429784	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
36) 1,2-Dichloropropane-d6	6.09	67	124378	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	7.34	98	418989	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%
43) trans-1,3-Dichloropropene-	7.64	79	62441	48.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.56%
47) 2-Hexanone-d5	8.12	63	112108	101.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.61%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	178640	49.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.16%
64) 1,2-Dichlorobenzene-d4	11.64	152	174804	51.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.30%

Target Compounds

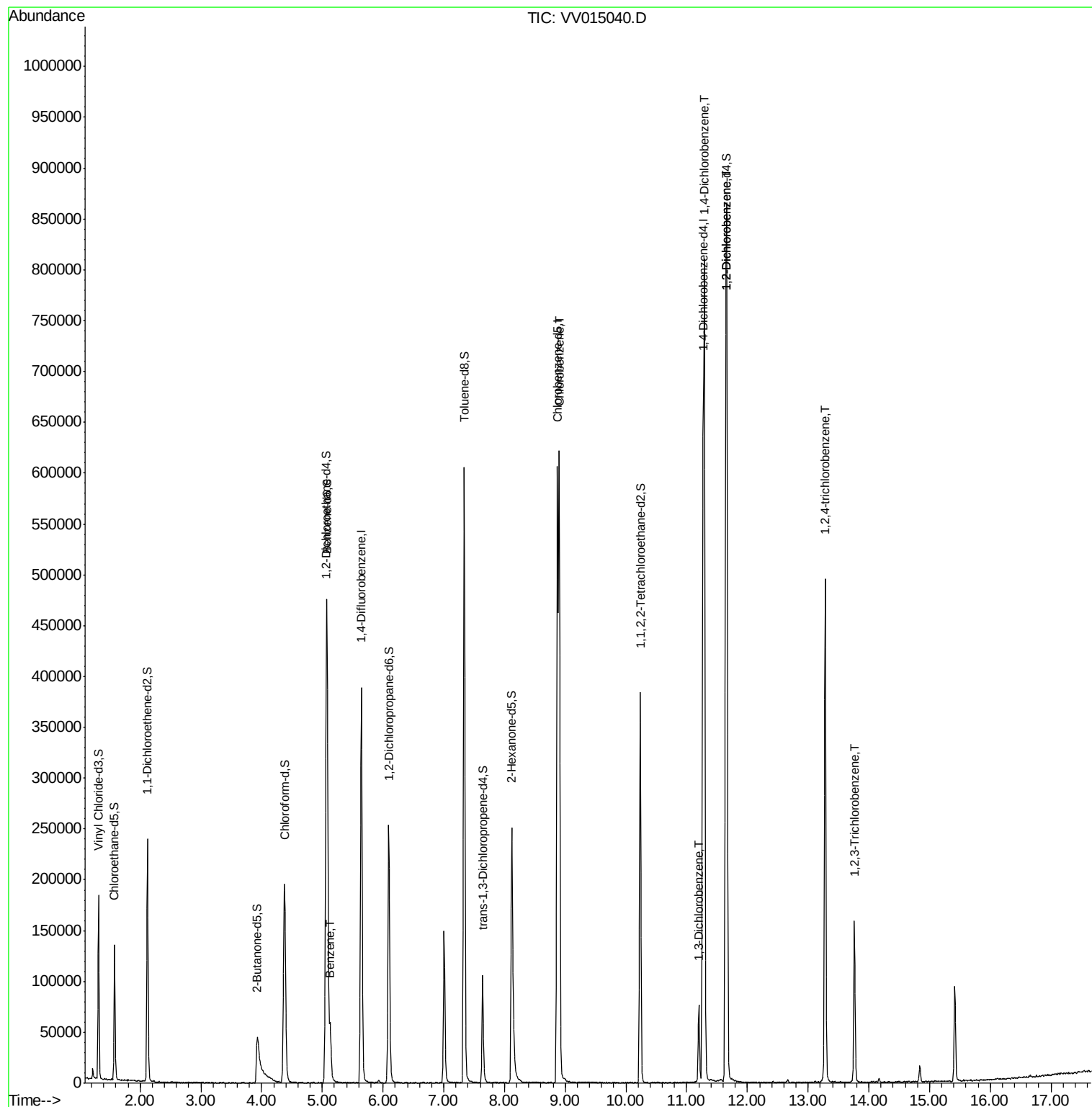
					Ovalue
33) Benzene	5.13	78	57680	6.833	ug/L 100
51) Chlorobenzene	8.90	112	340093	50.685	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	33015	6.443	ug/L 98
63) 1,4-Dichlorobenzene	11.29	146	330332	61.927	ug/L 98
65) 1,2-Dichlorobenzene	11.66	146	295673	54.321	ug/L 98
68) 1,2,4-trichlorobenzene	13.28	180	166778	44.666	ug/L 98
70) 1,2,3-Trichlorobenzene	13.76	180	54987	14.990	ug/L 99

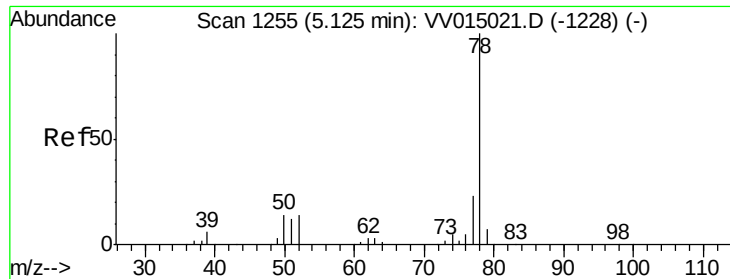
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 6.833 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VV015040.D

Acq: 19 Mar 2020 02:04

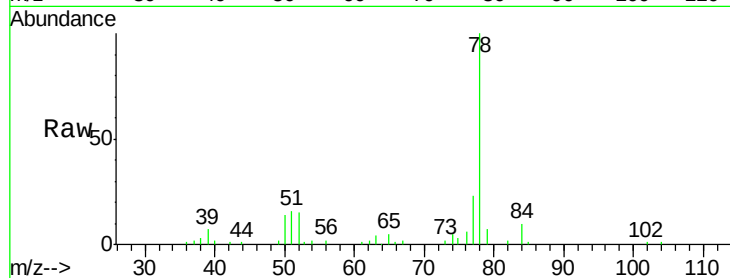
Instrument :

MSVOA_V

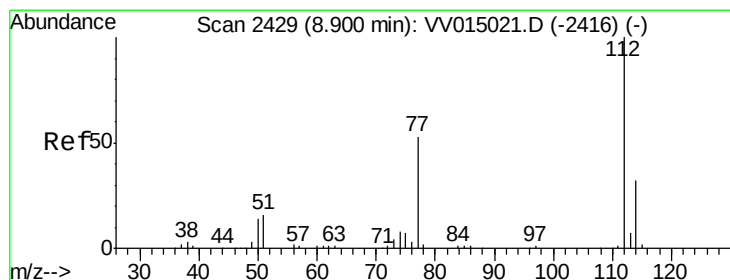
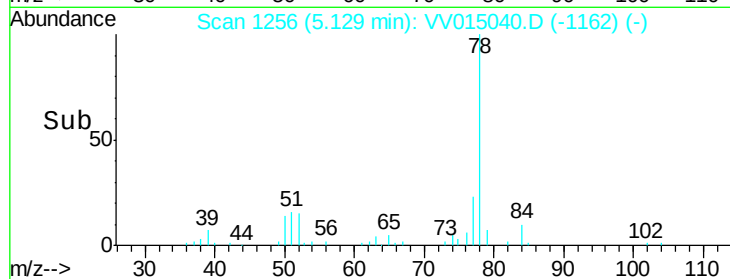
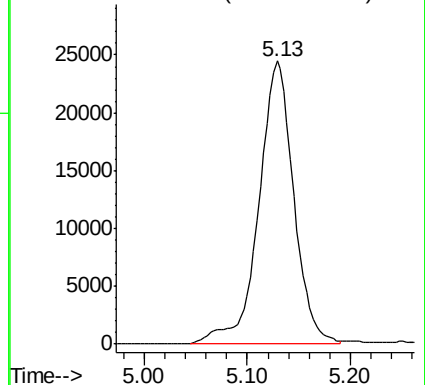
ClientSampleId :

VIBLK71

Tgt Ion: 78 Resp: 57680



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 50.685 ug/L

RT: 8.90 min Scan# 2429

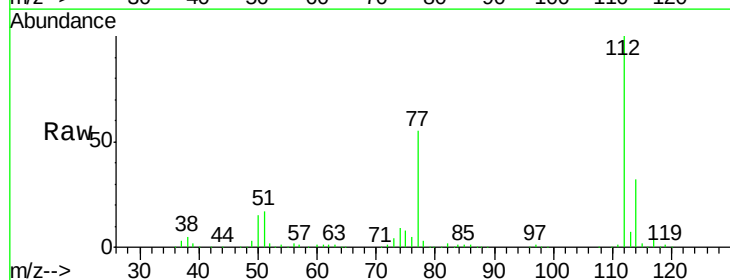
Delta R.T. 0.00 min

Lab File: VV015040.D

Acq: 19 Mar 2020 02:04

Tgt Ion: 112 Resp: 340093

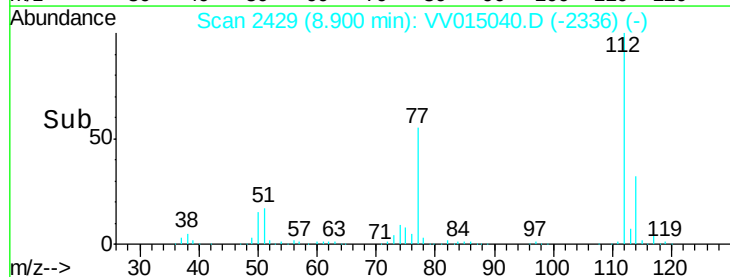
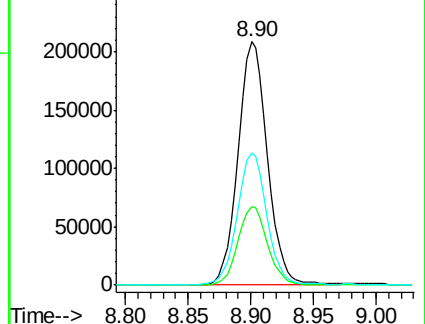
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.4	41.6
77	54.6	42.9	64.3

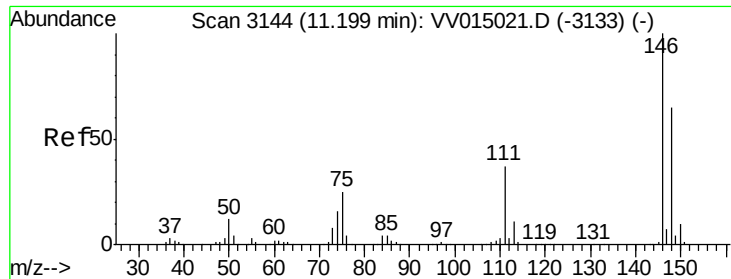


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

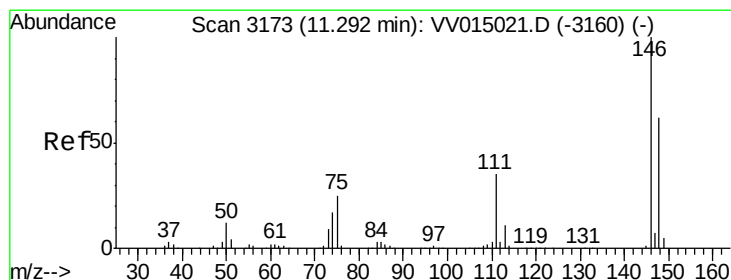
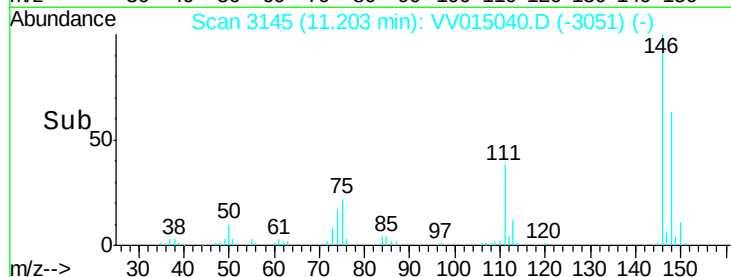
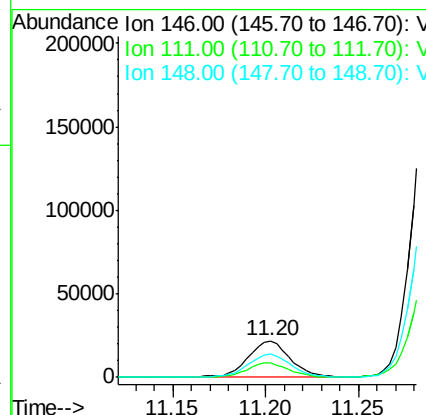
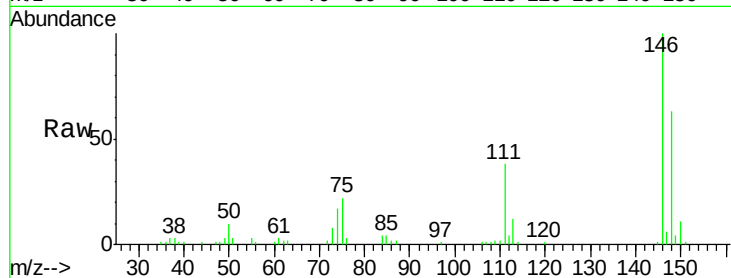




#62
 1,3-Dichlorobenzene
 Concen: 6.443 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV015040.D
 Acq: 19 Mar 2020 02:04

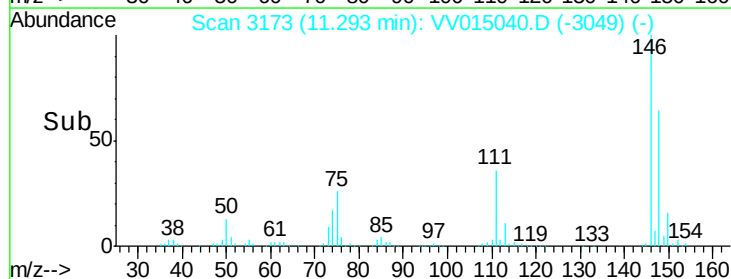
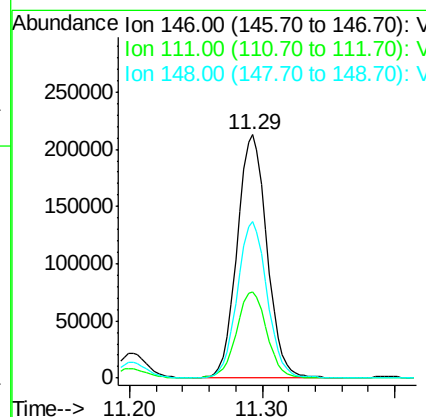
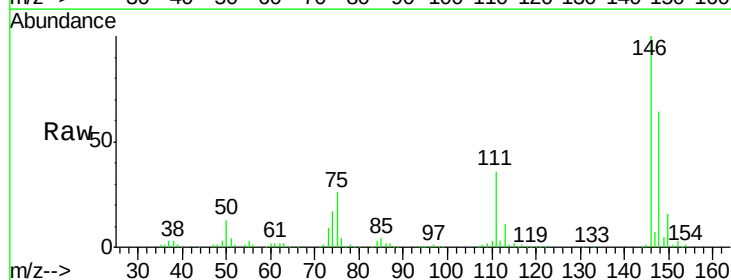
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 VIBLK71

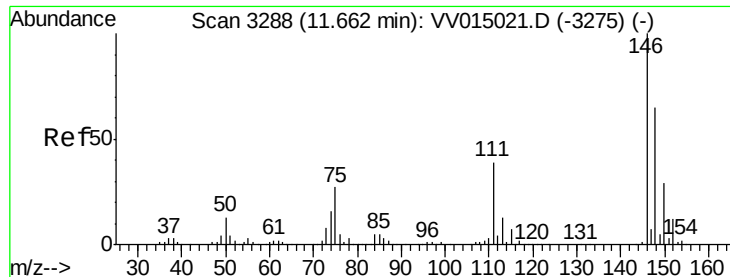
Tot Ion:146 Resp: 33015
 Ion Ratio Lower Upper
 146 100
 111 38.0 25.7 47.7
 148 62.9 45.4 84.4



#63
 1,4-Dichlorobenzene
 Concen: 61.927 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015040.D
 Acq: 19 Mar 2020 02:04

Tgt Ion:146 Resp: 330332
 Ion Ratio Lower Upper
 146 100
 111 35.5 25.8 48.0
 148 64.5 45.7 84.9

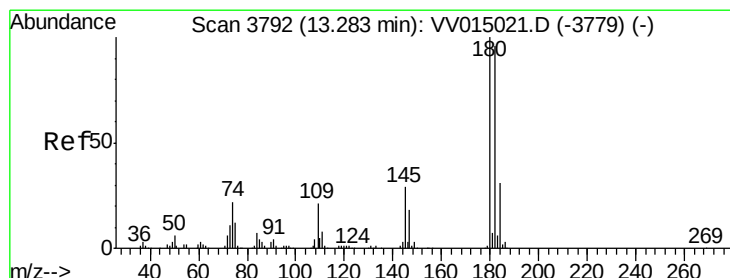
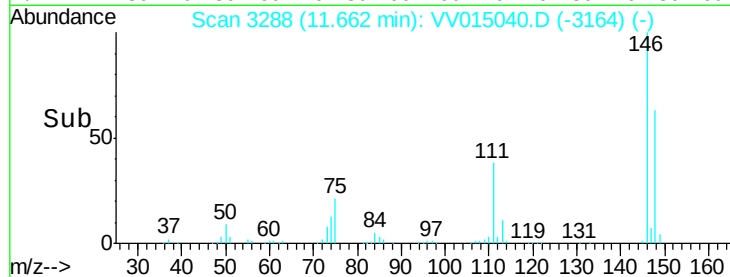
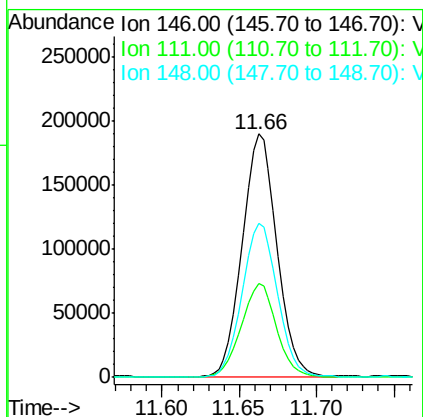
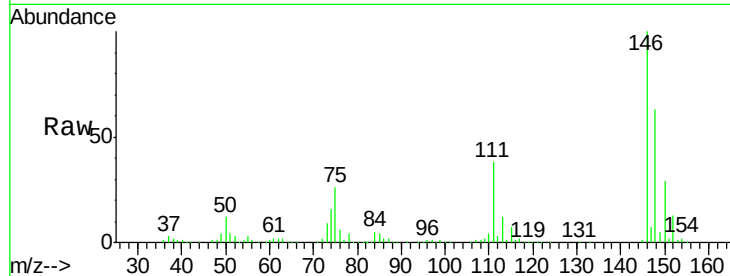




#65
 1,2-Dichlorobenzene
 Concen: 54.321 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV015040.D
 Acq: 19 Mar 2020 02:04

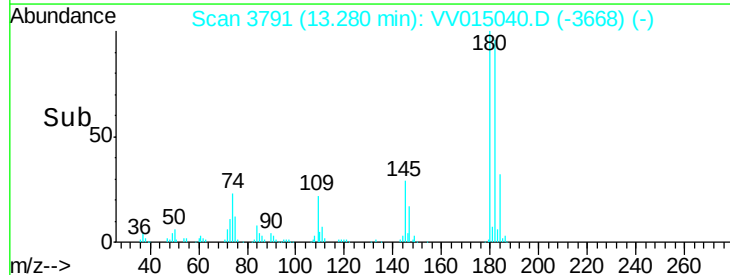
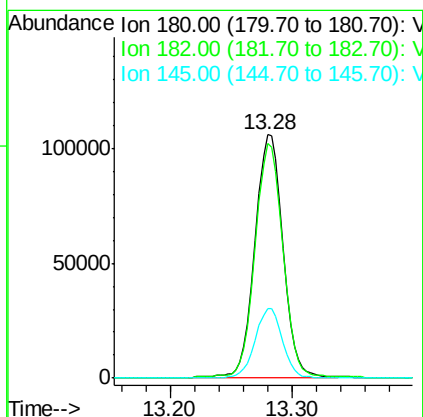
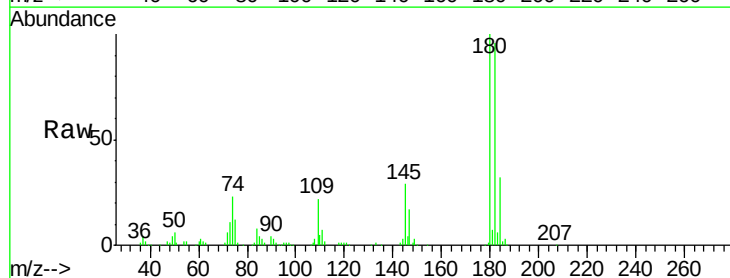
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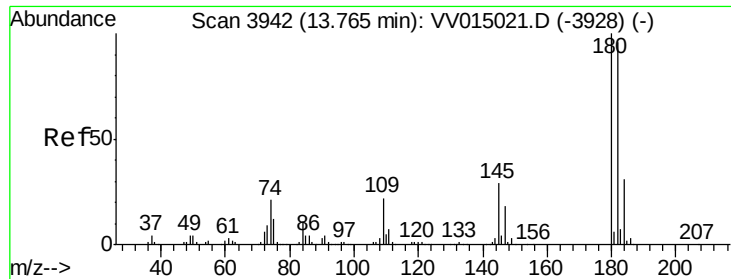
Tot Ion:146 Resp: 295673
 Ion Ratio Lower Upper
 146 100
 111 38.3 31.5 47.3
 148 63.1 51.7 77.5



#68
 1,2,4-trichlorobenzene
 Concen: 44.666 ug/L
 RT: 13.28 min Scan# 3791
 Delta R.T. -0.00 min
 Lab File: VV015040.D
 Acq: 19 Mar 2020 02:04

Tgt Ion:180 Resp: 166778
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.3 114.5
 145 28.3 22.2 33.4





#70
 1,2,3-Trichlorobenzene
 Concen: 14.990 ug/L
 RT: 13.76 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VV015040.D
 Acq: 19 Mar 2020 02:04

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK71

Tot Ion	Ion	Ratio	Lower	Upper
180	180	100		
182	182	95.9	75.5	113.3
145	145	29.9	23.5	35.3

