

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012743.D
 Acq On : 13 Sep 2019 22:22
 Operator : SY/MD
 Sample : K4707-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Sep 14 02:00:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 14 00:19:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	781752	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	719954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	287790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205496	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.76%
7) Chloroethane-d5	1.58	69	191115	48.20	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	303101	35.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.34%
21) 2-Butanone-d5	3.92	46	466251	101.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.48%
24) Chloroform-d	4.40	84	519602	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
26) 1,2-Dichloroethane-d4	5.08	65	332438	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
32) Benzene-d6	5.10	84	984580	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
36) 1,2-Dichloropropane-d6	6.12	67	351533	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.72%
41) Toluene-d8	7.36	98	849019	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%
43) trans-1,3-Dichloropropene-	7.66	79	136056	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.34%
47) 2-Hexanone-d5	8.13	63	244168	93.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.87%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	409266	47.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.38%
64) 1,2-Dichlorobenzene-d4	11.67	152	364955	55.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.12%

Target Compounds

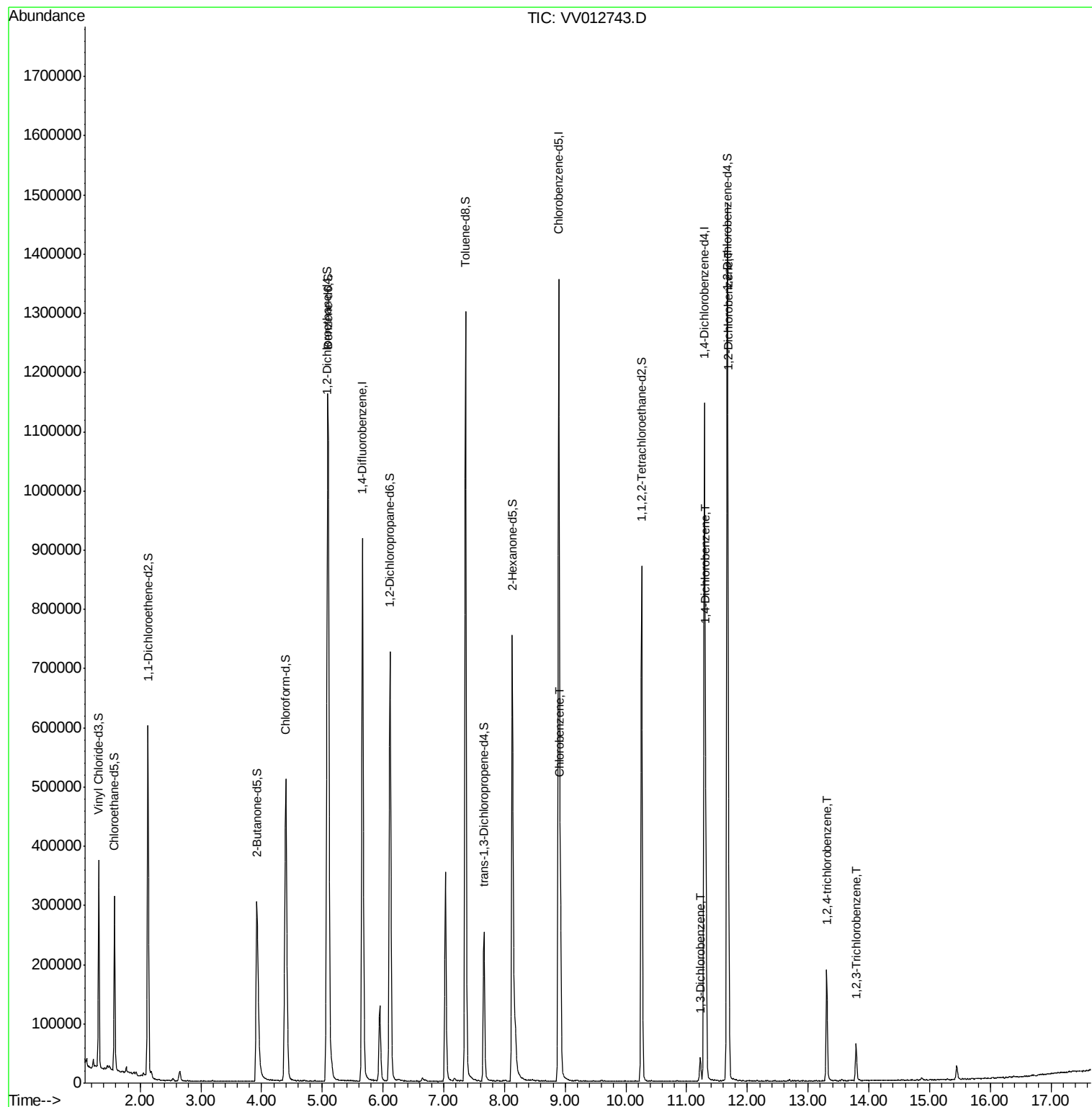
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	8.92	112	149600	10.737	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	16845	1.895	ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	166392	18.248	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	156783	16.775	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	60162	10.843	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	19472	3.233	ug/L	99

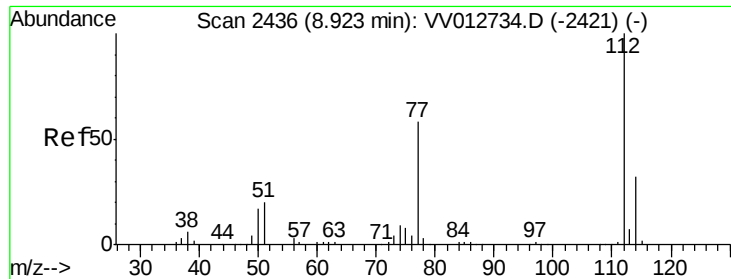
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 14 00:19:14 2019
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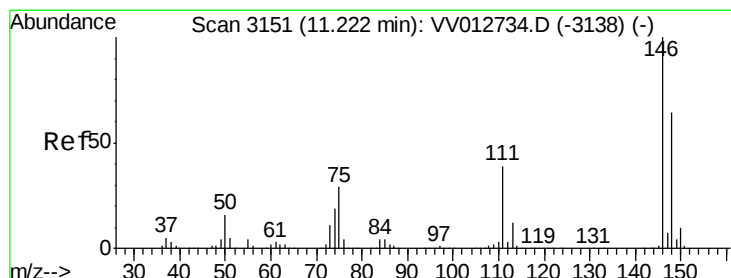
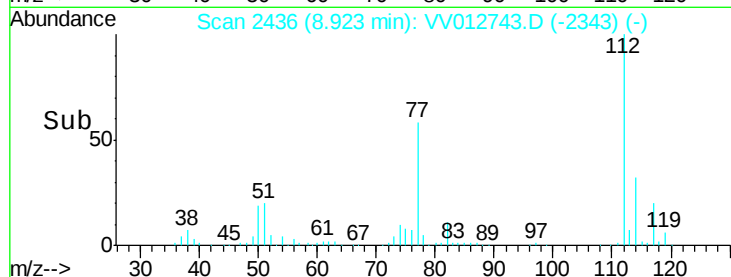
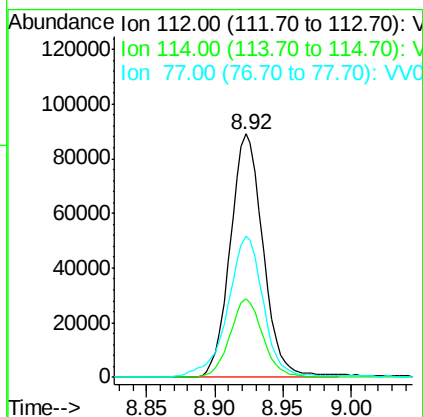
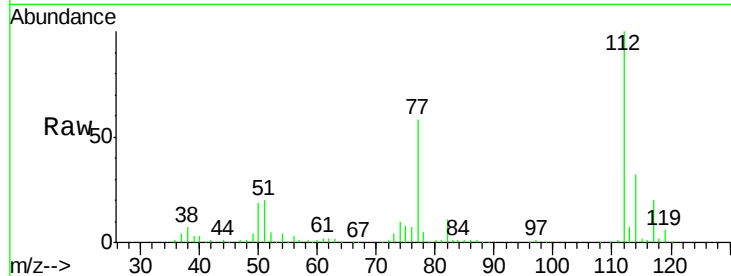




#51
Chlorobenzene
Concen: 10.737 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV012743.D
Acq: 13 Sep 2019 22:22

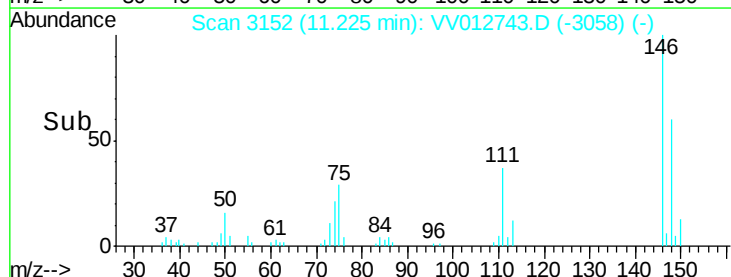
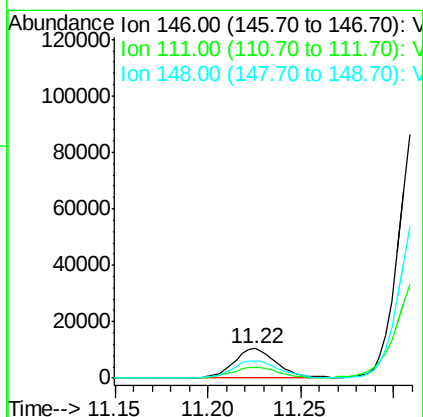
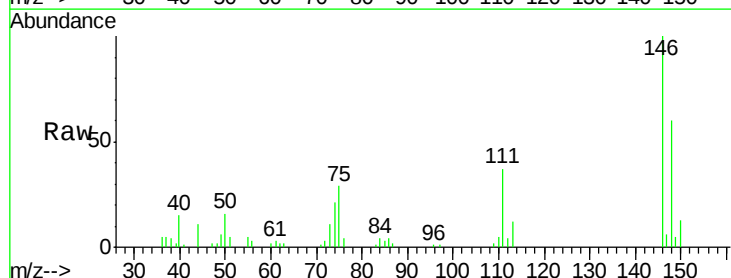
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

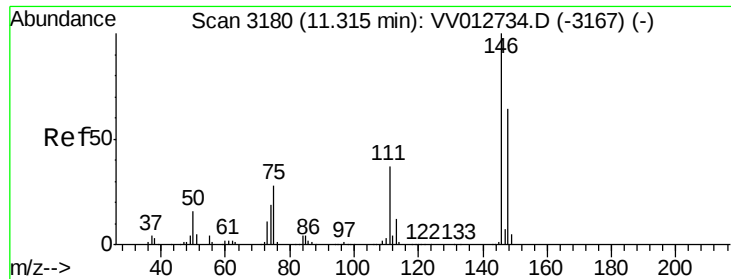
Tot Ion:112 Resp: 149600
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 57.9 46.7 70.1



#62
1,3-Dichlorobenzene
Concen: 1.895 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV012743.D
Acq: 13 Sep 2019 22:22

Tgt Ion:146 Resp: 16845
Ion Ratio Lower Upper
146 100
111 36.6 27.2 50.6
148 59.7 45.2 84.0

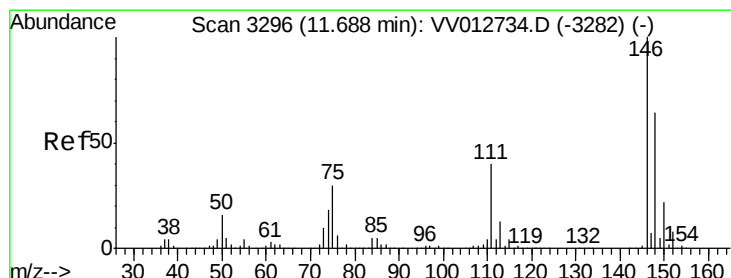
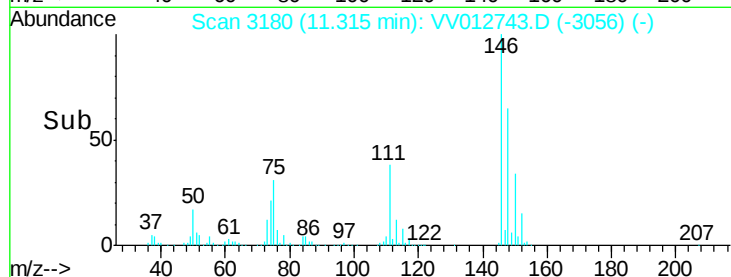
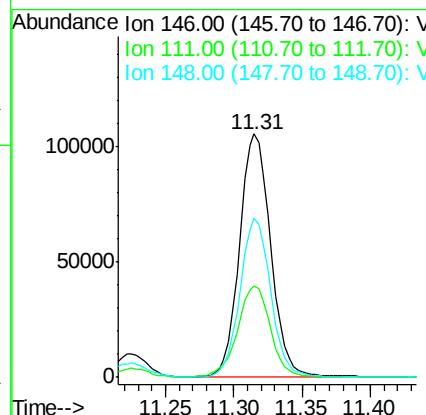
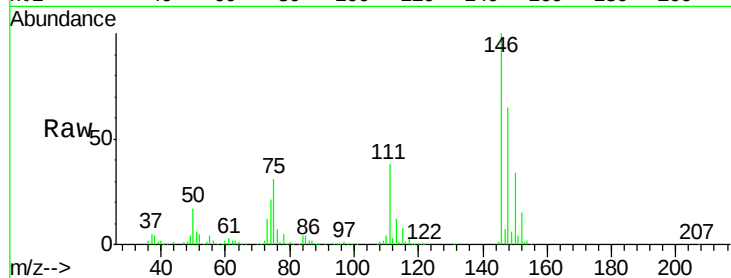




#63
 1,4-Dichlorobenzene
 Concen: 18.248 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: VV012743.D
 Acq: 13 Sep 2019 22:22

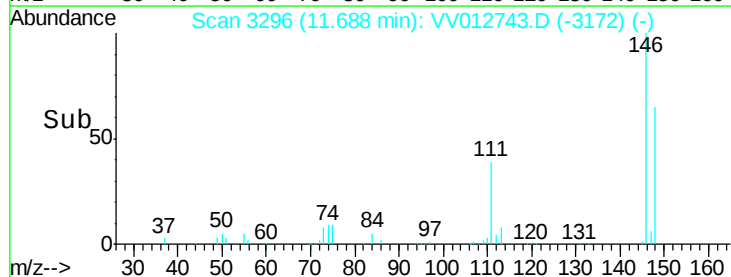
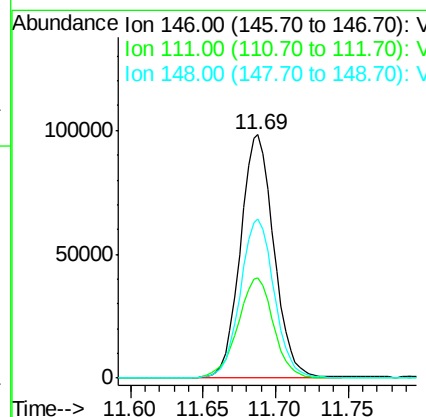
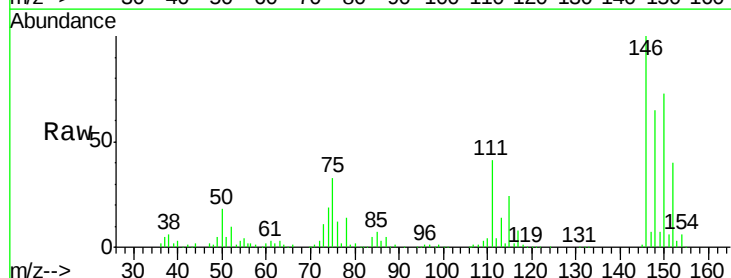
Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

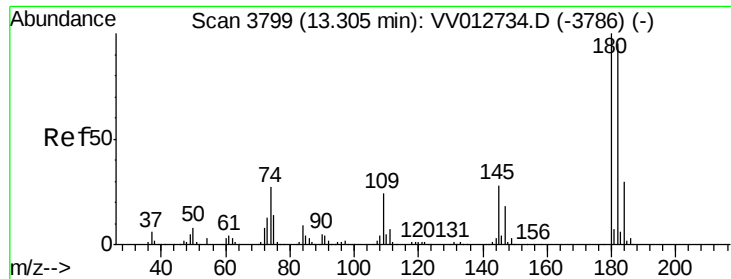
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	26.2	48.8
148	65.1	45.0	83.6



#65
 1,2-Dichlorobenzene
 Concen: 16.775 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: VV012743.D
 Acq: 13 Sep 2019 22:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	32.2	48.2
148	65.4	51.5	77.3

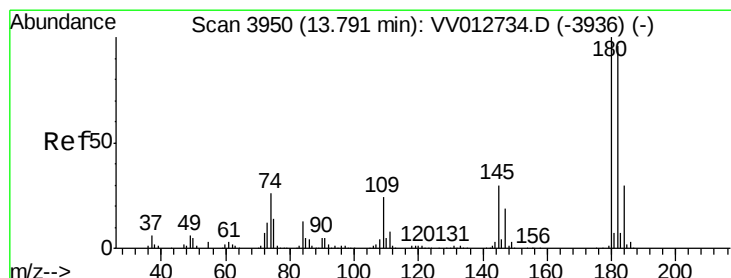
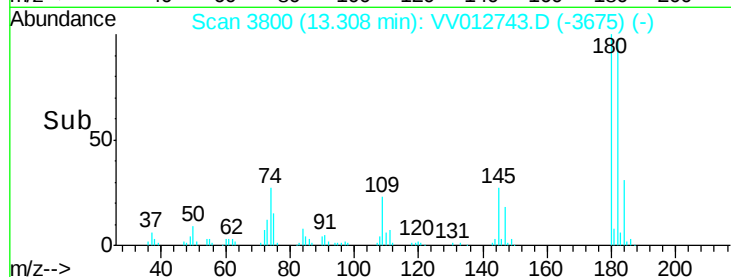
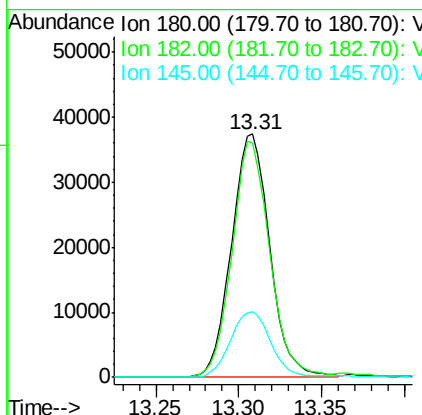
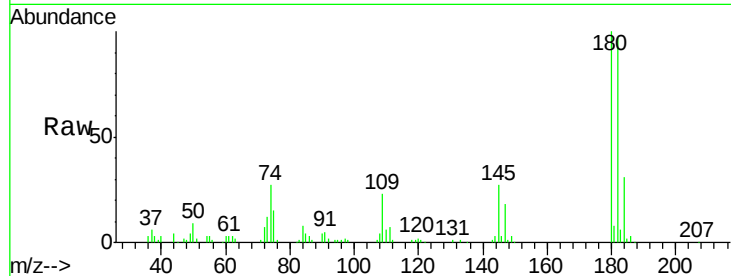




#68
 1,2,4-trichlorobenzene
 Concen: 10.843 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV012743.D
 Acq: 13 Sep 2019 22:22

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tot Ion:180 Resp: 60162
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.8 115.2
 145 28.2 23.0 34.4



#70
 1,2,3-Trichlorobenzene
 Concen: 3.233 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VV012743.D
 Acq: 13 Sep 2019 22:22

Tgt Ion:180 Resp: 19472
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.6 113.4
 145 31.2 24.2 36.2

