

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014958.D
 Acq On : 16 Mar 2020 20:08
 Operator : SY/MD
 Sample : L1940-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA6

Quant Time: Mar 18 05:13:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 03:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352941	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99735	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.84%
7) Chloroethane-d5	1.58	69	79561	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.12%
11) 1,1-Dichloroethene-d2	2.12	63	123173	34.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.28%
21) 2-Butanone-d5	3.93	46	108543	75.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.71%
24) Chloroform-d	4.38	84	217881	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
26) 1,2-Dichloroethane-d4	5.06	65	144504	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
32) Benzene-d6	5.08	84	446377	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.10	67	134140	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.46%
41) Toluene-d8	7.34	98	434222	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%
43) trans-1,3-Dichloropropene-	7.64	79	64616	43.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.48%
47) 2-Hexanone-d5	8.12	63	118210	93.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185960	45.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	183352	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

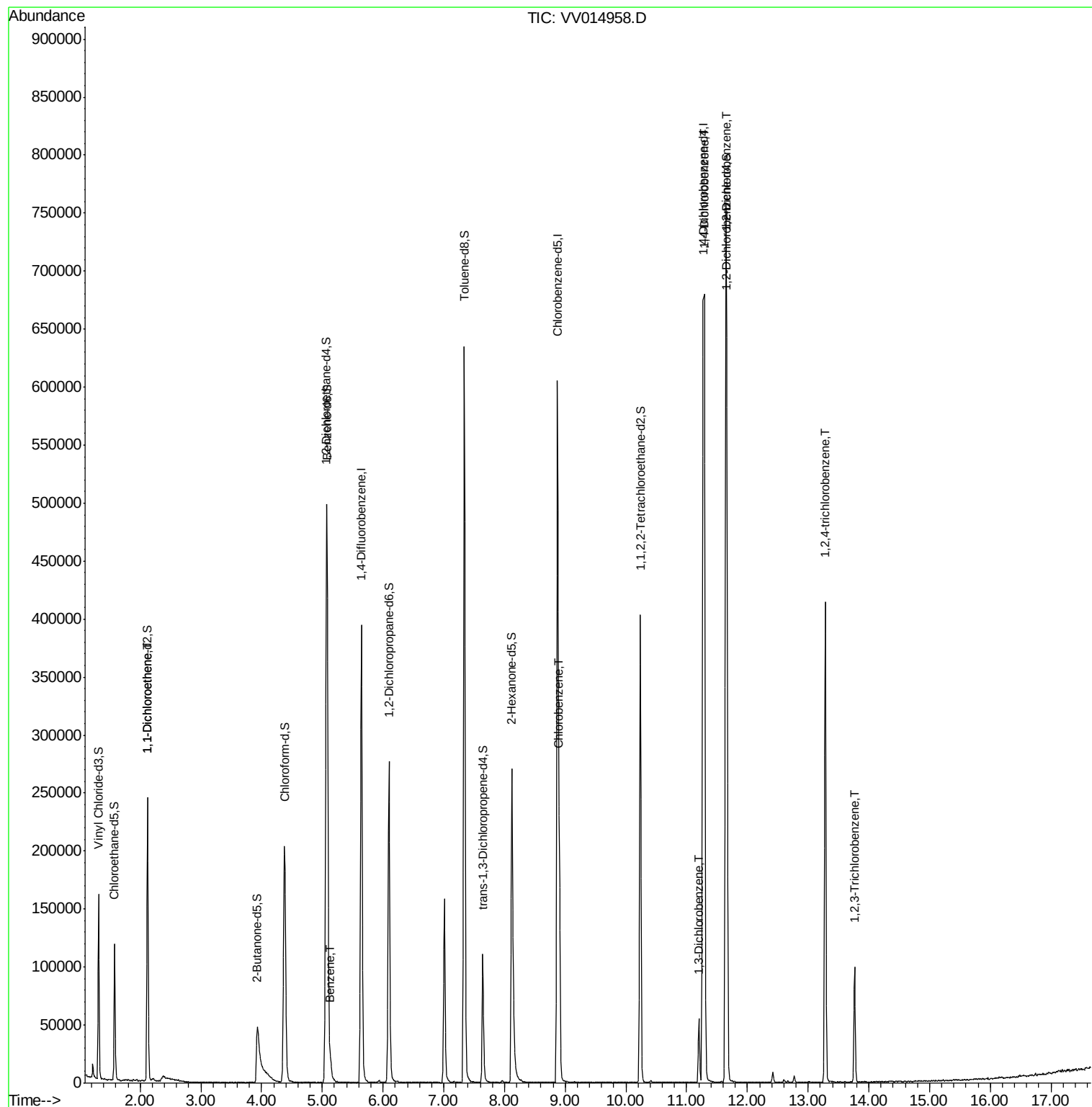
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	1213	0.731	ug/L	# 1
33) Benzene	5.13	78	16827	1.805	ug/L	100
51) Chlorobenzene	8.90	112	112835	15.620	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	23710	4.221	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	264021	46.657	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	172980	30.826	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	136377	34.740	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	32363	8.328	ug/L	99

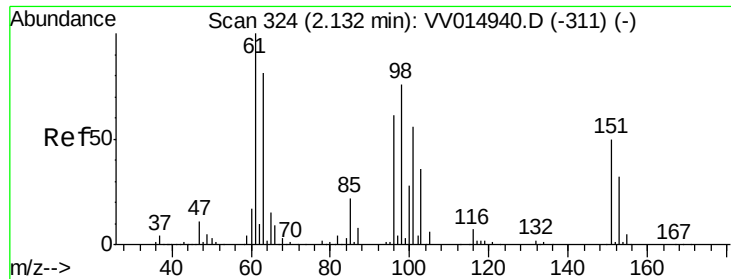
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031620\
Data File : VV014958.D
Acq On : 16 Mar 2020 20:08
Operator : SY/MD
Sample : L1940-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DA6

Quant Time: Mar 18 05:13:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 03:17:46 2020
Response via : Initial Calibration

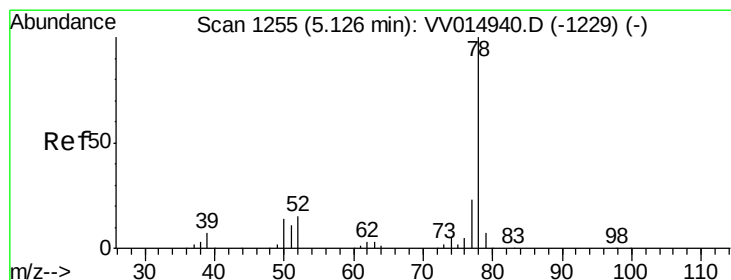
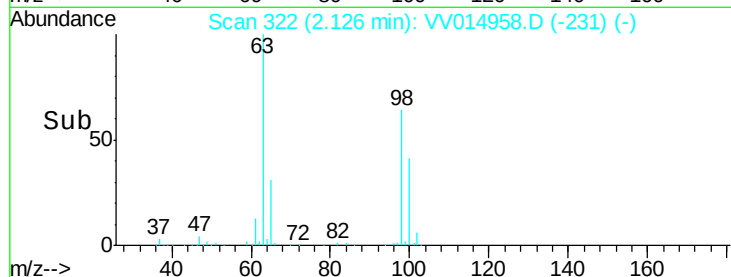
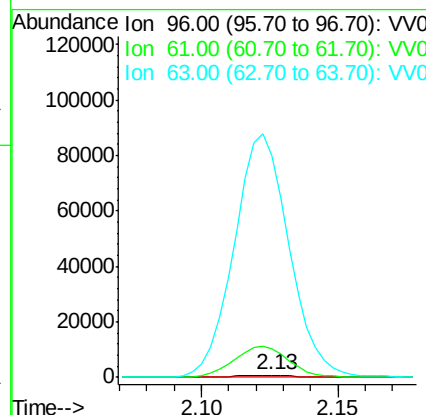
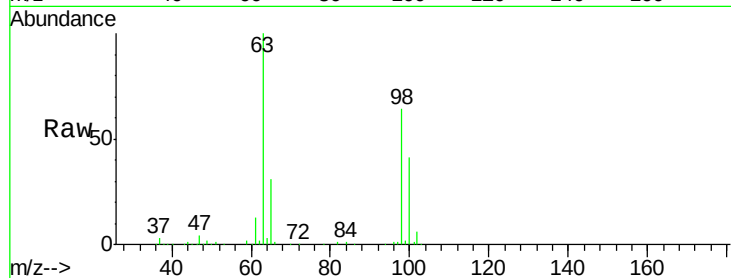




#12
 1,1-Dichloroethene
 Concen: 0.731 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV014958.D
 Acq: 16 Mar 2020 20:08

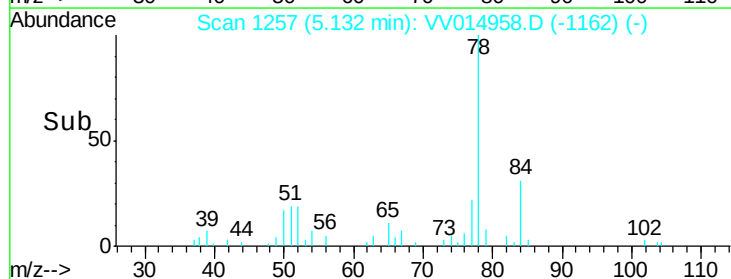
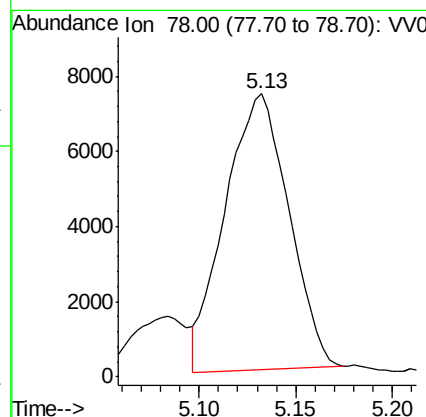
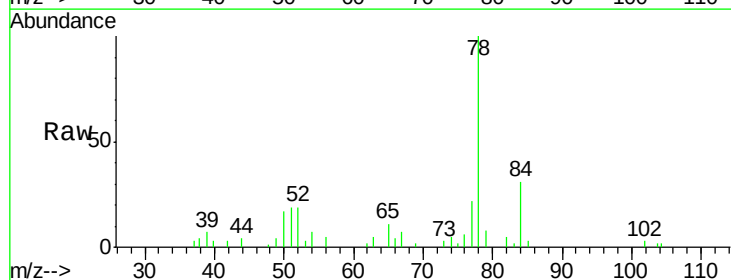
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA6

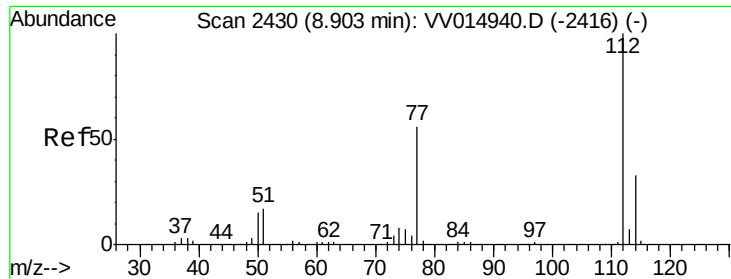
Tot Ion: 96 Resp: 1213
 Ion Ratio Lower Upper
 96 100
 61 1260.2 115.7 214.9#
 63 9907.5 99.2 184.2#



#33
 Benzene
 Concen: 1.805 ug/L
 RT: 5.13 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: VV014958.D
 Acq: 16 Mar 2020 20:08

Tgt Ion: 78 Resp: 16827

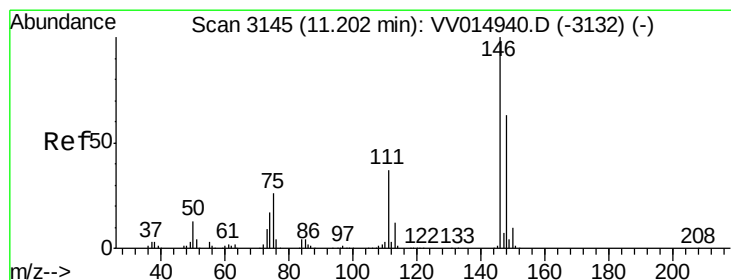
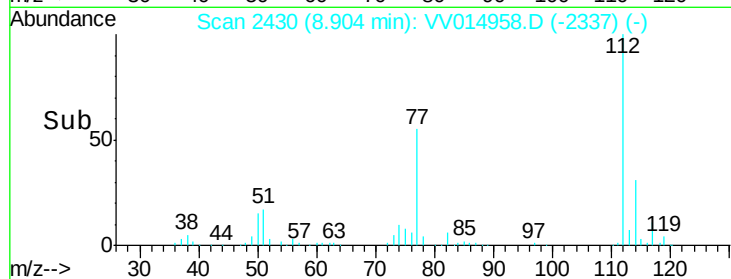
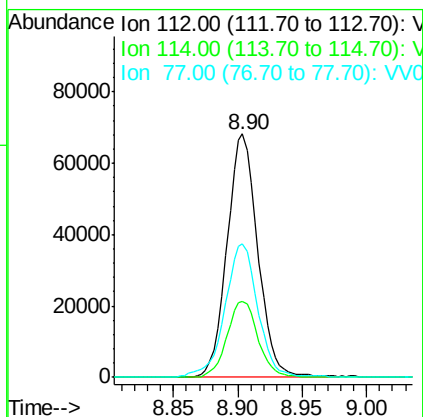
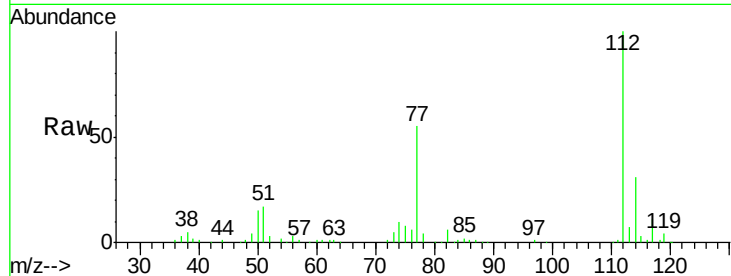




#51
Chlorobenzene
Concen: 15.620 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014958.D
Acq: 16 Mar 2020 20:08

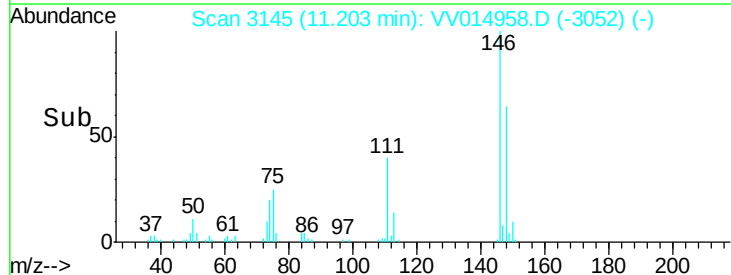
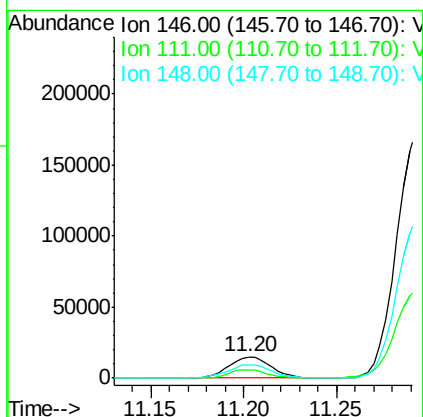
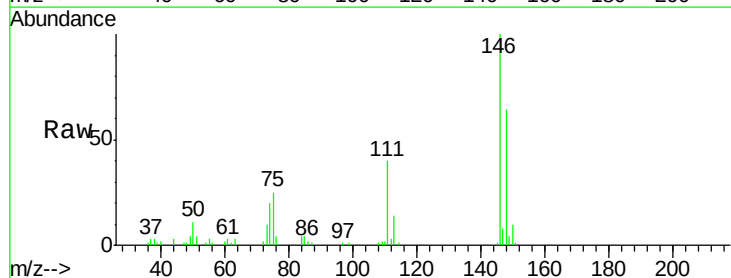
Instrument :
MSVOA_V
ClientSampleId :
C0DA6

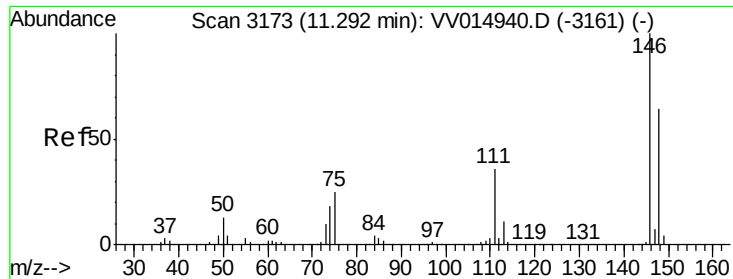
Tot Ion:112 Resp: 112835
Ion Ratio Lower Upper
112 100
114 31.4 22.8 42.4
77 54.9 44.5 66.7



#62
1,3-Dichlorobenzene
Concen: 4.221 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV014958.D
Acq: 16 Mar 2020 20:08

Tgt Ion:146 Resp: 23710
Ion Ratio Lower Upper
146 100
111 40.5 26.5 49.3
148 63.6 45.4 84.2

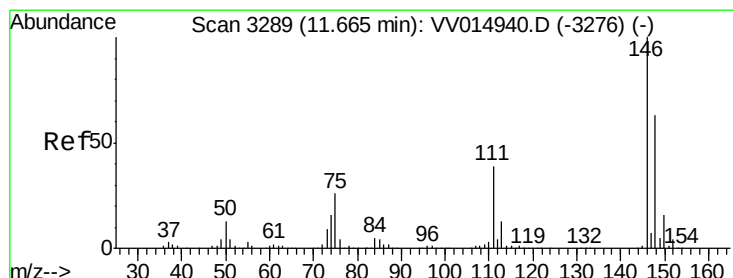
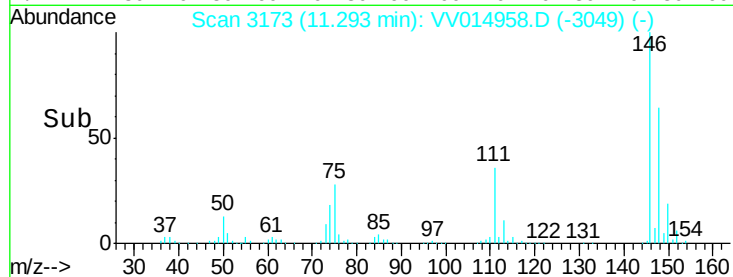
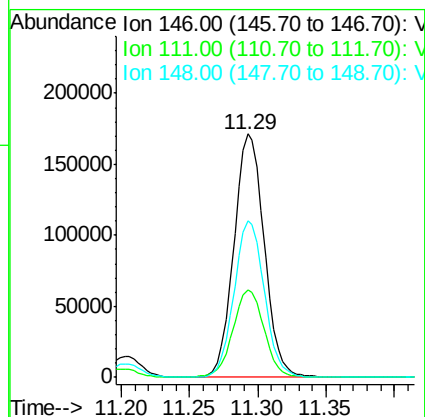
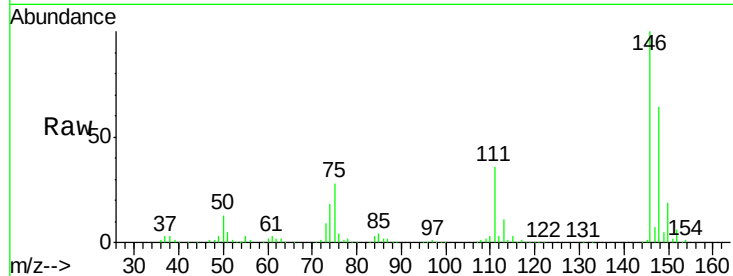




#63
 1,4-Dichlorobenzene
 Concen: 46.657 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014958.D
 Acq: 16 Mar 2020 20:08

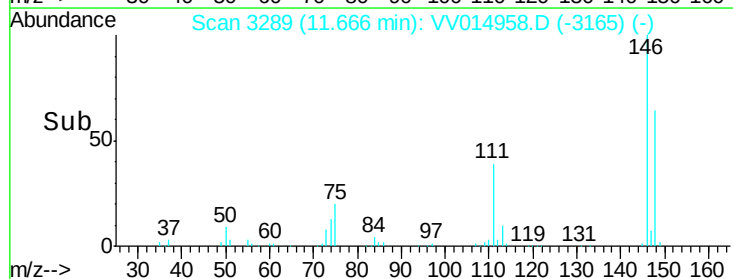
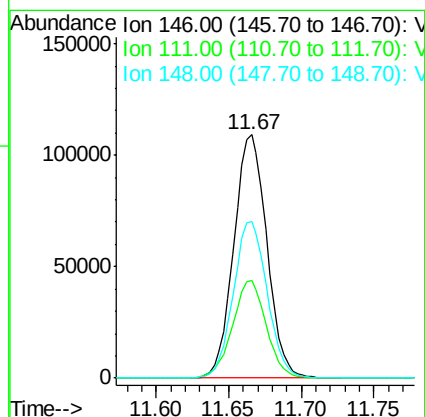
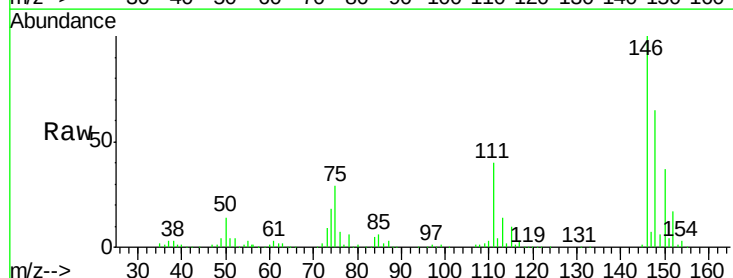
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA6

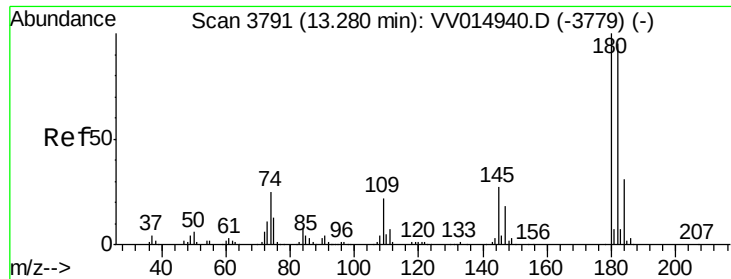
Tot Ion:146 Resp: 264021
 Ion Ratio Lower Upper
 146 100
 111 36.2 26.0 48.2
 148 64.1 46.1 85.5



#65
 1,2-Dichlorobenzene
 Concen: 30.826 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014958.D
 Acq: 16 Mar 2020 20:08

Tgt Ion:146 Resp: 172980
 Ion Ratio Lower Upper
 146 100
 111 40.2 31.6 47.4
 148 64.5 52.2 78.4

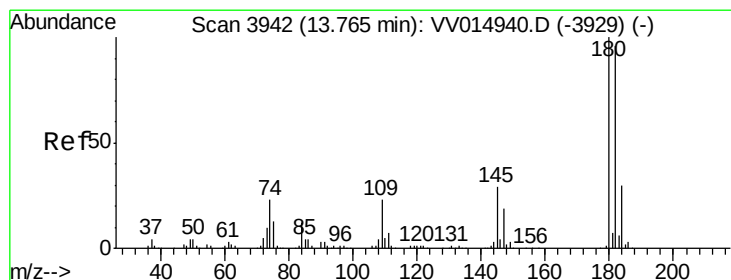
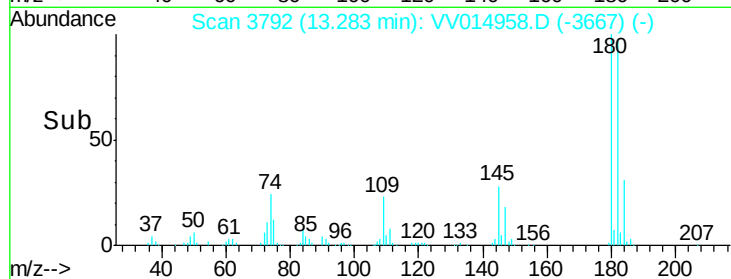
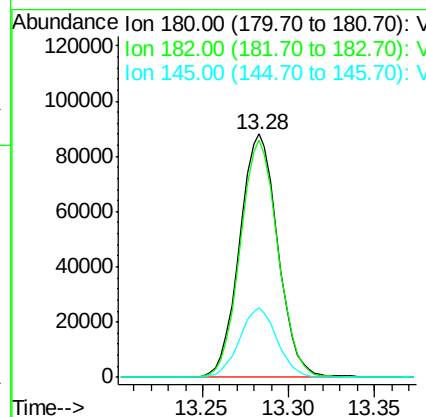
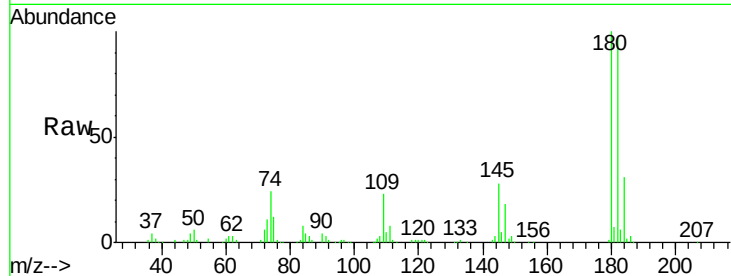




#68
 1,2,4-trichlorobenzene
 Concen: 34.740 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014958.D
 Acq: 16 Mar 2020 20:08

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA6

Tot Ion:180 Resp: 136377
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.3 114.5
 145 27.9 23.1 34.7



#70
 1,2,3-Trichlorobenzene
 Concen: 8.328 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014958.D
 Acq: 16 Mar 2020 20:08

Tgt Ion:180 Resp: 32363
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.2 114.4
 145 29.9 24.1 36.1

