

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017207.D
 Acq On : 27 Jun 2020 02:20
 Operator : SY/MD
 Sample : L3118-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F78

Quant Time: Jun 27 04:51:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344008	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162649	50.00	ug/L	0.00

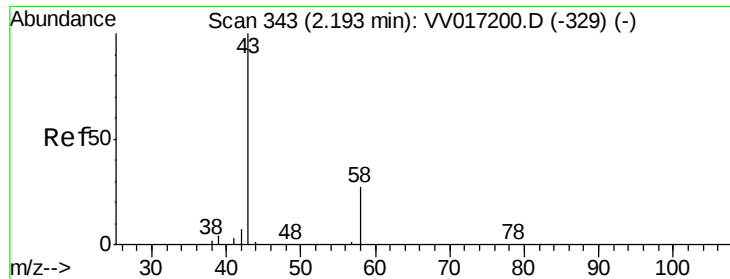
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94289	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.68%
7) Chloroethane-d5	1.58	69	63961	43.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.82%
11) 1,1-Dichloroethene-d2	2.12	63	149115	36.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.16%
21) 2-Butanone-d5	3.91	46	157621	87.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.73%
24) Chloroform-d	4.38	84	219258	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
26) 1,2-Dichloroethane-d4	5.06	65	160011	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
32) Benzene-d6	5.08	84	415849	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
36) 1,2-Dichloropropane-d6	6.09	67	125907	41.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.80%
41) Toluene-d8	7.34	98	380941	43.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.12%
43) trans-1,3-Dichloropropene-	7.64	79	62993	40.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.50%
47) 2-Hexanone-d5	8.11	63	101585	77.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164938	41.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	165109	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%

Target Compounds

					Ovalue
13) Acetone	2.19	43	15051	12.715	ug/L 91
51) Chlorobenzene	8.90	112	76265	11.207	ug/L 97
62) 1,3-Dichlorobenzene	11.21	146	12596	2.445	ug/L 97
63) 1,4-Dichlorobenzene	11.30	146	119002	22.703	ug/L 100
65) 1,2-Dichlorobenzene	11.67	146	510144	98.814	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	129075	36.632	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	101755	29.514	ug/L 100

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



#13

Acetone

Concen: 12.715 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017207.D

Acq: 27 Jun 2020 02:20

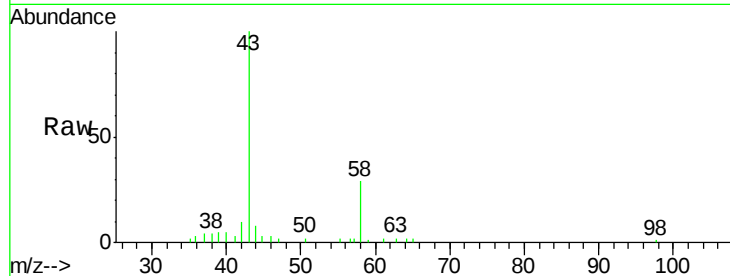
Instrument :
MSVOA_V
ClientSampleId :
C0F78

Tot Ion: 43 Resp: 15051

Ion Ratio Lower Upper

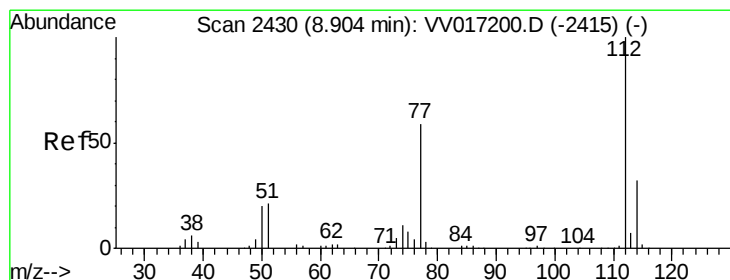
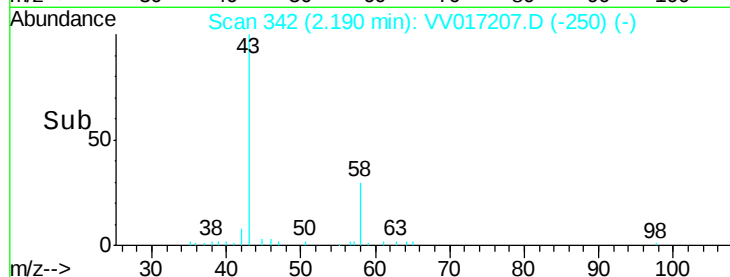
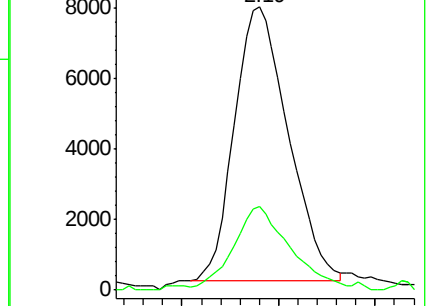
43 100

58 32.2 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017207.D (-250) (-)

Ion 58.00 (57.70 to 58.70): VV017207.D (-250) (-)



#51

Chlorobenzene

Concen: 11.207 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV017207.D

Acq: 27 Jun 2020 02:20

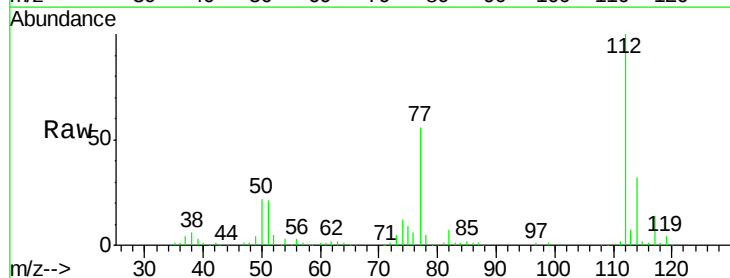
Tgt Ion: 112 Resp: 76265

Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.3

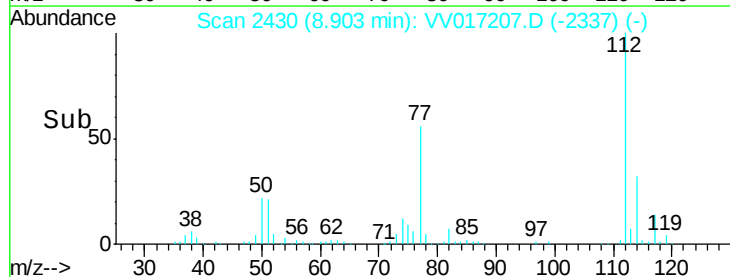
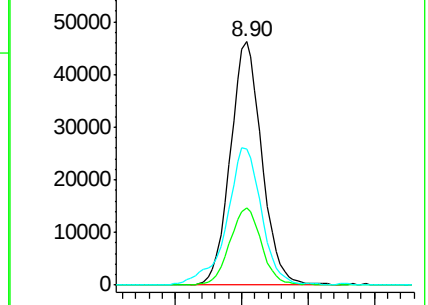
77 56.1 47.9 71.9

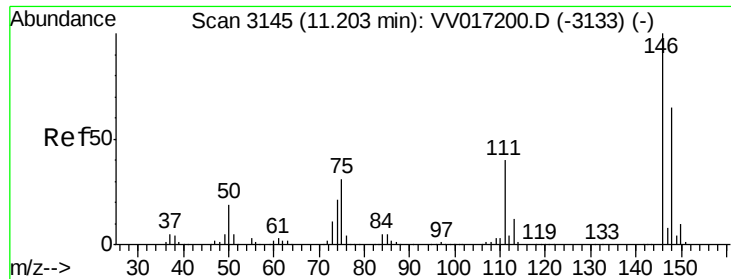


Abundance Ion 112.00 (111.70 to 112.70): VV017207.D (-2337) (-)

Ion 114.00 (113.70 to 114.70): VV017207.D (-2337) (-)

Ion 77.00 (76.70 to 77.70): VV017207.D (-2337) (-)

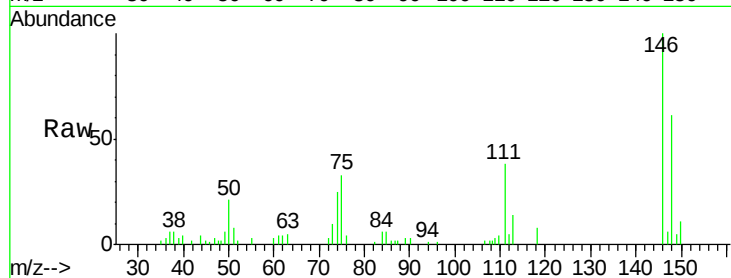




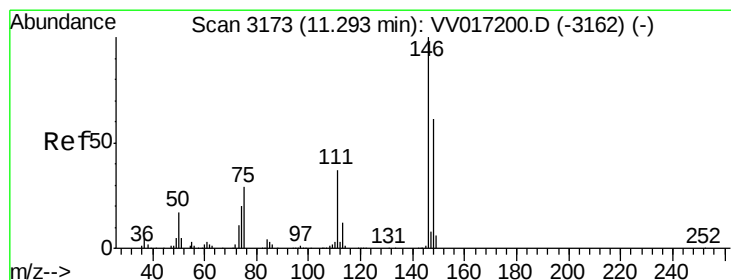
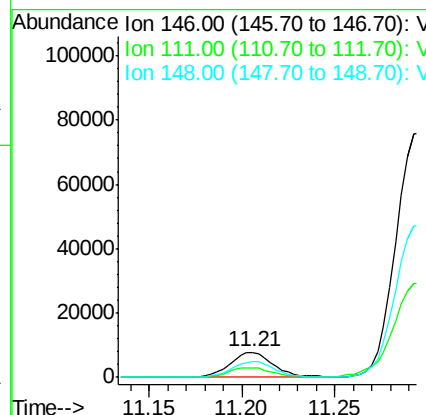
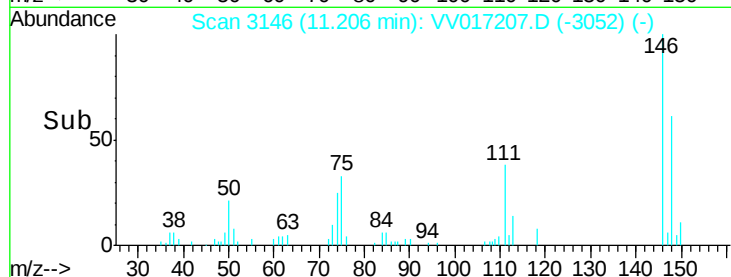
#62
 1,3-Dichlorobenzene
 Concen: 2.445 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV017207.D
 Acq: 27 Jun 2020 02:20

Instrument :
 MSVOA_V
 ClientSampled :
 C0F78

Tot Ion:146 Resp: 12596
 Ion Ratio Lower Upper
 146 100
 111 38.3 28.3 52.7
 148 61.5 44.2 82.2

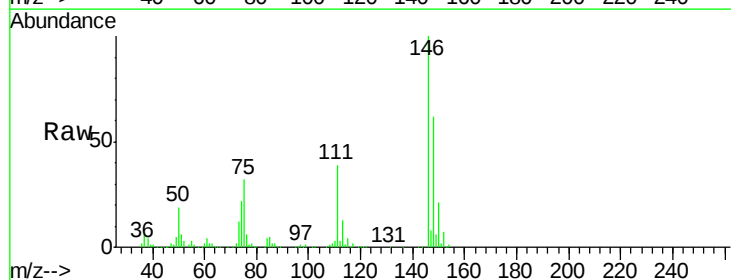


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

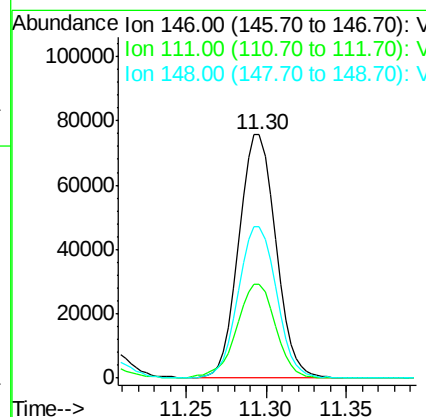
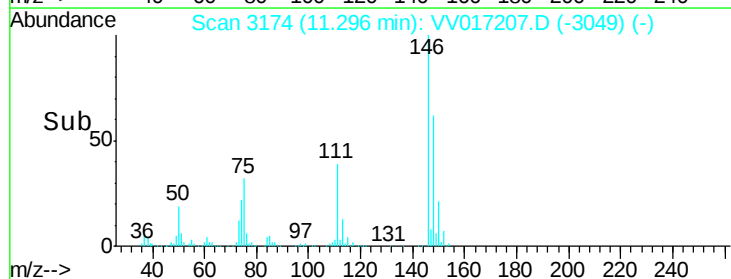


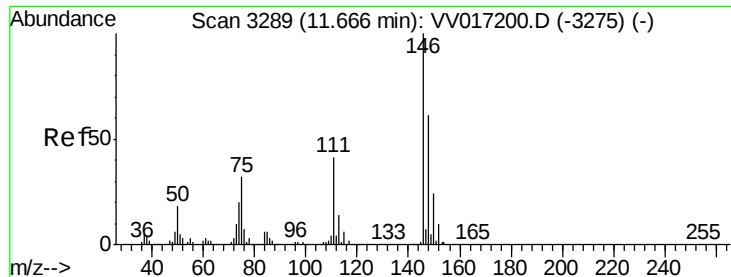
#63
 1,4-Dichlorobenzene
 Concen: 22.703 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV017207.D
 Acq: 27 Jun 2020 02:20

Tgt Ion:146 Resp: 119002
 Ion Ratio Lower Upper
 146 100
 111 38.5 26.7 49.7
 148 62.0 43.5 80.9



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

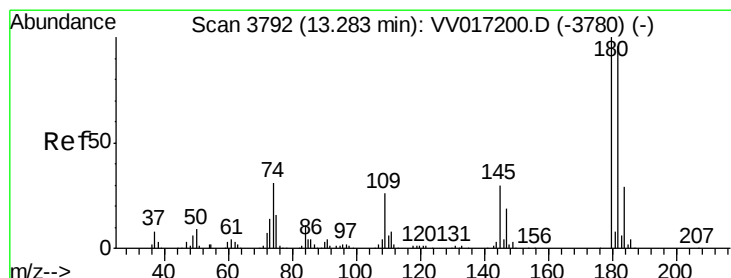
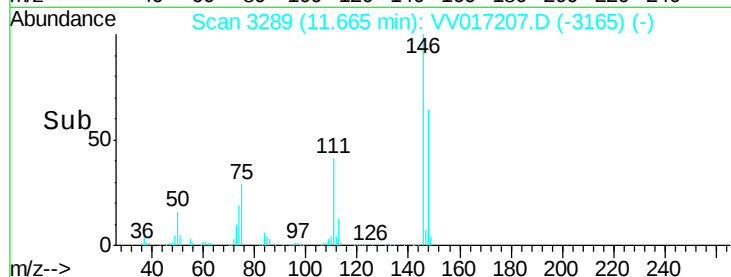
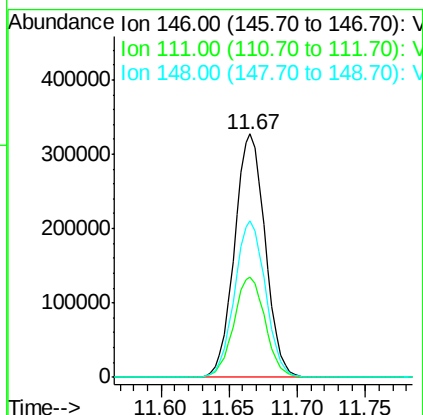
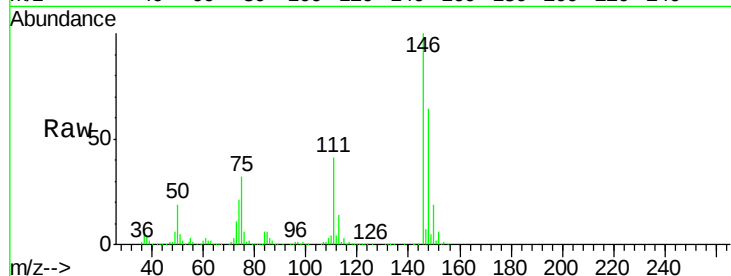




#65
 1,2-Dichlorobenzene
 Concen: 98.814 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV017207.D
 Acq: 27 Jun 2020 02:20

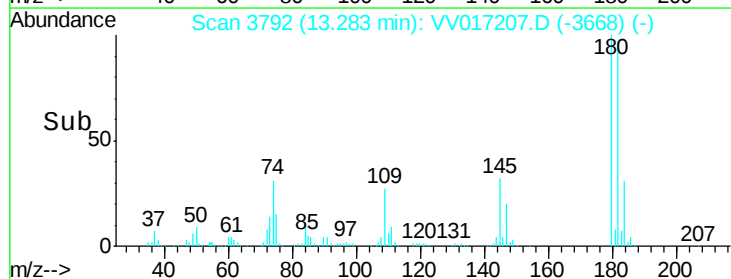
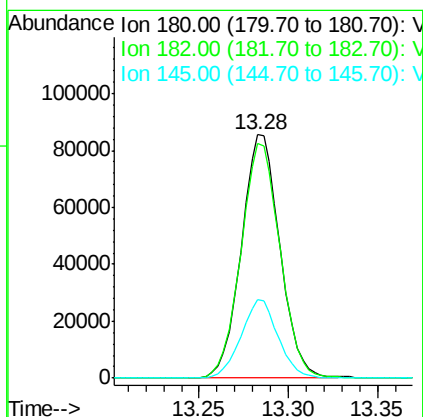
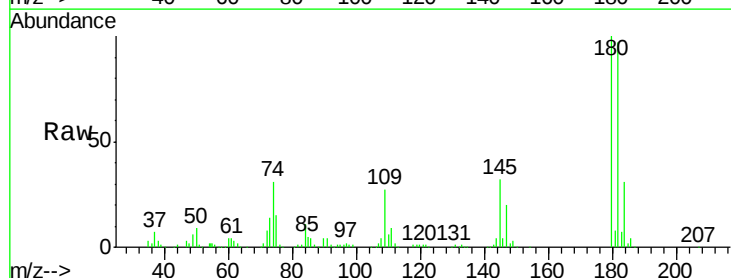
Instrument :
 MSVOA_V
 ClientSampleId :
 C0F78

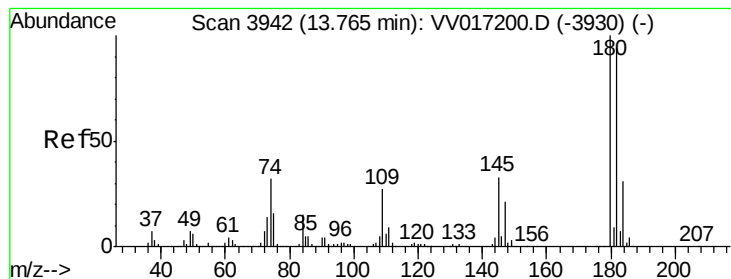
Tot Ion:146 Resp: 510144
 Ion Ratio Lower Upper
 146 100
 111 41.3 33.7 50.5
 148 64.2 50.7 76.1



#68
 1,2,4-trichlorobenzene
 Concen: 36.632 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV017207.D
 Acq: 27 Jun 2020 02:20

Tgt Ion:180 Resp: 129075
 Ion Ratio Lower Upper
 180 100
 182 97.9 76.9 115.3
 145 31.2 25.2 37.8





#70

1,2,3-Trichlorobenzene

Concen: 29.514 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV017207.D

Acq: 27 Jun 2020 02:20

Instrument :

MSVOA_V

ClientSampleId :

C0F78

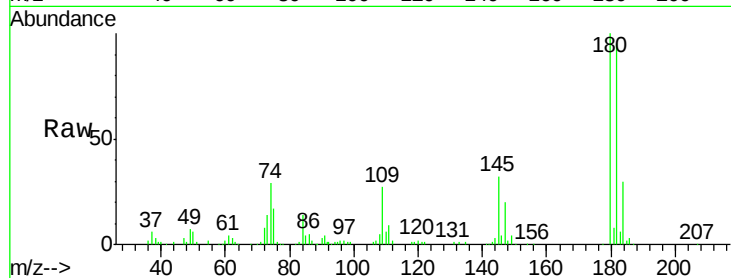
Tot Ion:180 Resp: 101755

Ion Ratio Lower Upper

180 100

182 95.3 76.5 114.7

145 32.6 26.1 39.1



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

