

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120219\
 Data File : VW014200.D
 Acq On : 02 Dec 2019 13:42
 Operator : SY/VA
 Sample : K6089-05RE
 Misc : 4.68G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 02 16:04:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 16:00:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	169989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	108158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	24133	25.00	ug/L	0.00

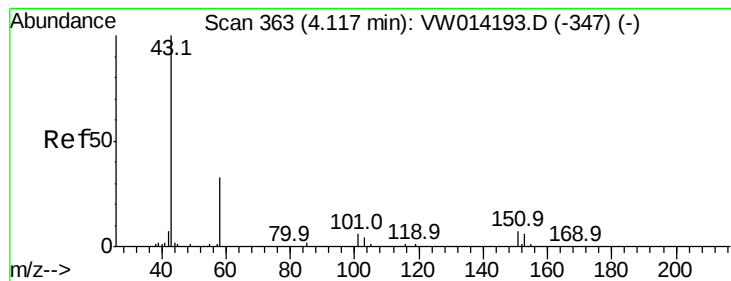
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41836	15.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.72%
7) Chloroethane-d5	2.89	69	48547	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.32%
10) 1,1-Dichloroethene-d2	4.01	63	70831	12.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.92%
20) 2-Butanone-d5	7.07	46	61070	77.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.02%#
24) Chloroform-d	7.64	84	145278	27.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	8.31	65	75899	28.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.52%
29) Benzene-d6	8.27	84	274892	35.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	143.28%#
33) 1,2-Dichloropropane-d6	9.27	67	94871	42.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	168.80%#
37) Toluene-d8	10.32	98	186663	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.60%
38) trans-1,3-Dichloropropene-	10.57	79	19253	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	10.92	63	37369	87.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	175.32%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	74321	43.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	175.12%#
61) 1,2-Dichlorobenzene-d4	13.85	152	28368	29.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.04%

Target Compounds

					Ovalue
13) Acetone	4.12	43	2905	3.623 ug/L	100
27) 1,2-Dichloroethane	8.27	62	707	0.236 ug/L	96
35) Trichloroethene	8.84	95	4762	2.250 ug/L #	2
36) Methylcyclohexane	9.27	83	22799	6.009 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	9975	5.223 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	1490	0.494 ug/L	91
59) 1,2,3-Trichloropropane	13.55	75	2681	2.176 ug/L	99

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



#13

Acetone

Concen: 3.623 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014200.D

Acq: 02 Dec 2019 13:42

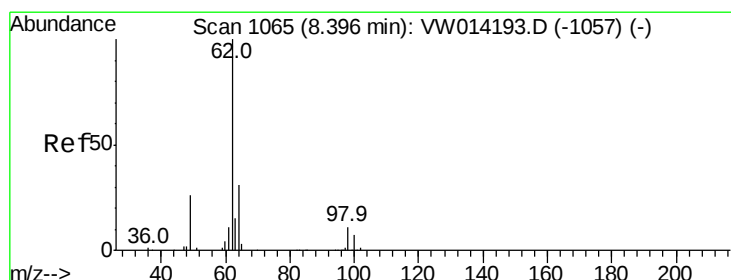
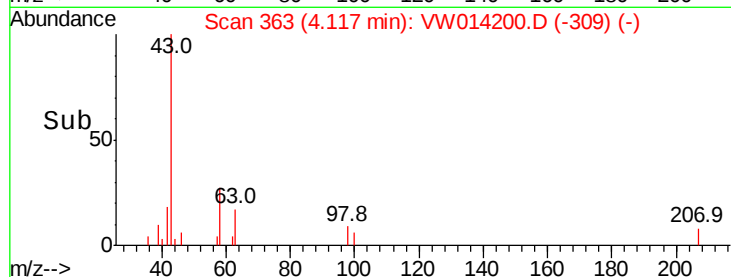
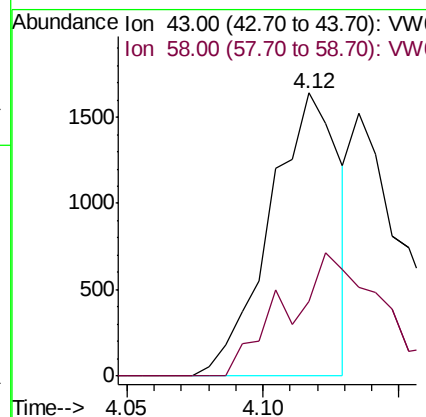
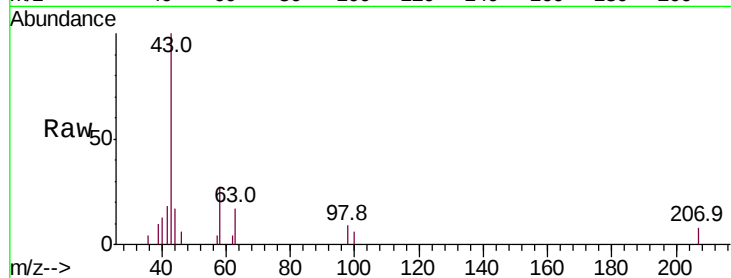
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2905

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.4



#27

1,2-Dichloroethane

Concen: 0.236 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW014200.D

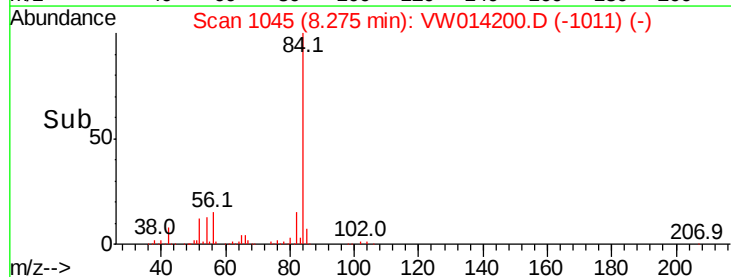
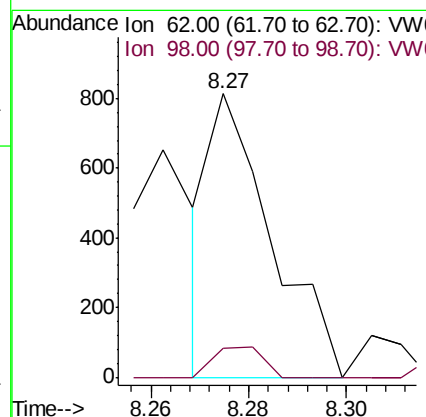
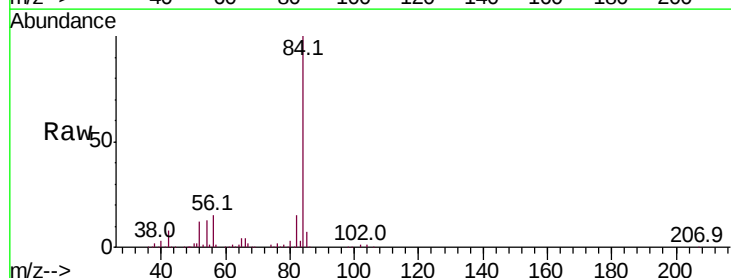
Acq: 02 Dec 2019 13:42

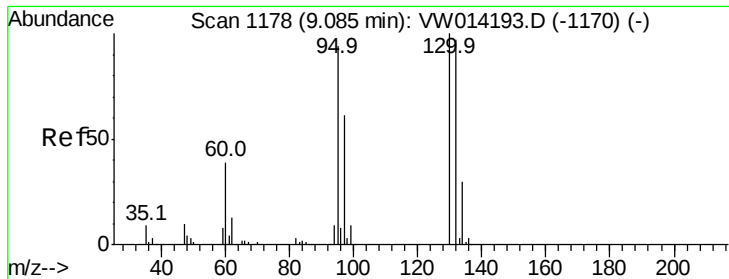
Tgt Ion: 62 Resp: 707

Ion Ratio Lower Upper

62 100

98 10.1 9.3 13.9

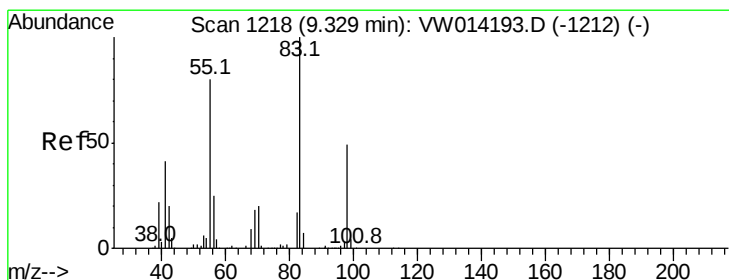
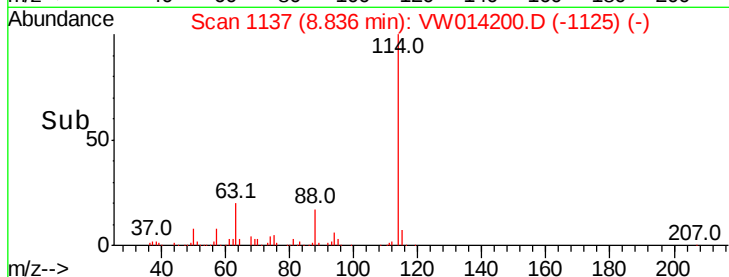
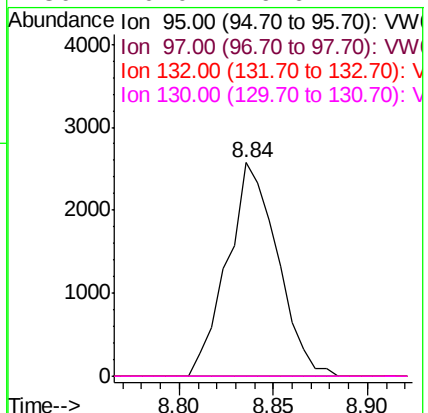
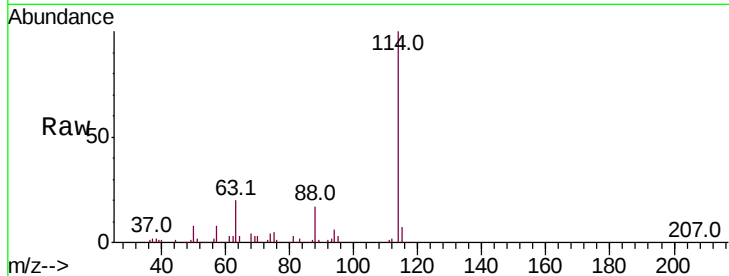




#35
 Trichloroethene
 Concen: 2.250 ug/L
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.26 min
 Lab File: VW014200.D
 Acq: 02 Dec 2019 13:42

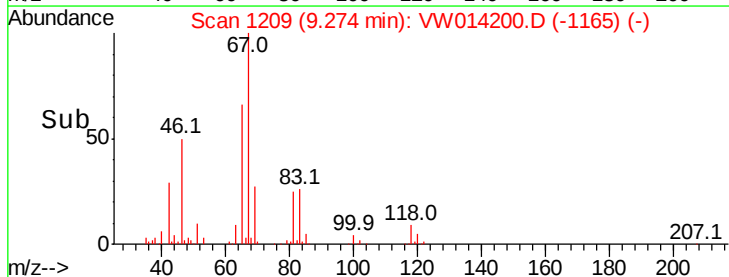
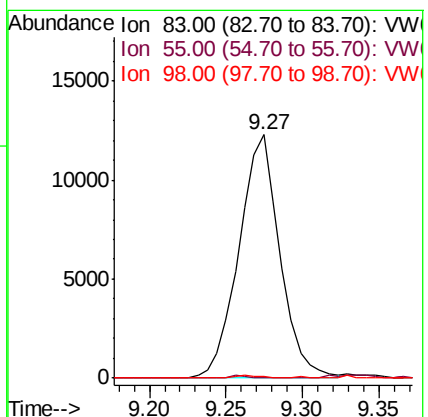
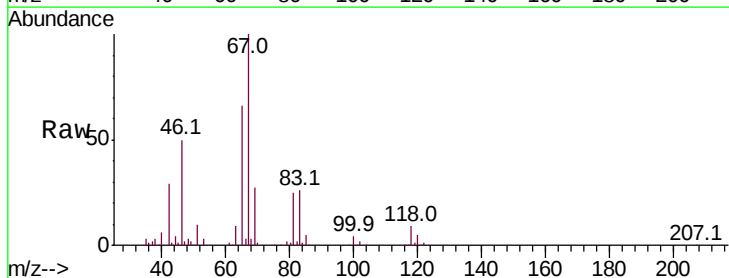
Instrument :
 MSVOA_W
 ClientSampleId :

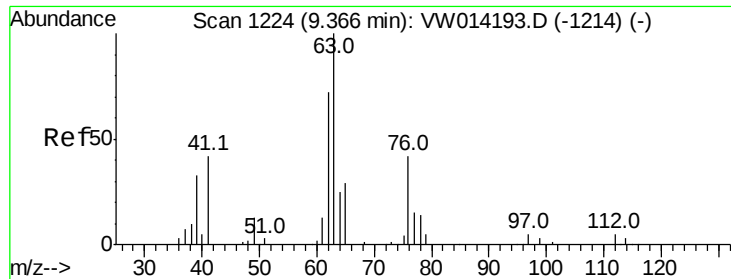
Tot Ion: 95 Resp: 4762
 Ion Ratio Lower Upper
 95 100
 97 1.7 45.1 83.9#
 132 0.0 73.7 136.9#
 130 0.0 76.6 142.2#



#36
 Methylcyclohexane
 Concen: 6.009 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW014200.D
 Acq: 02 Dec 2019 13:42

Tgt Ion: 83 Resp: 22799
 Ion Ratio Lower Upper
 83 100
 55 0.4 59.8 89.8#
 98 0.7 39.5 59.3#

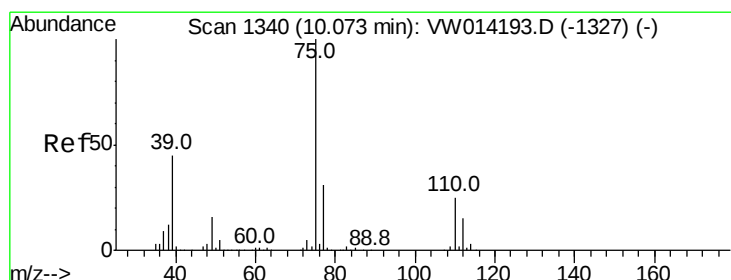
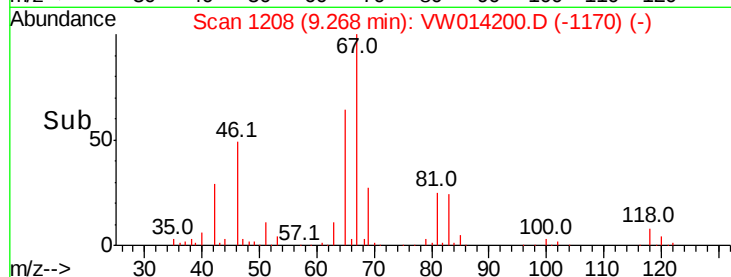
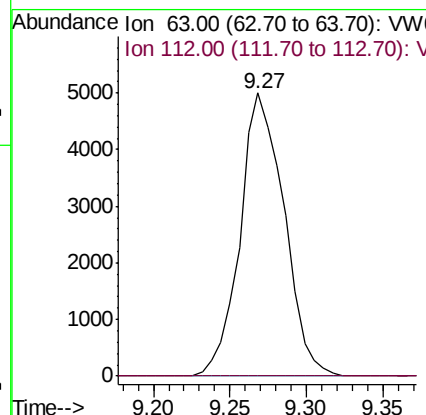
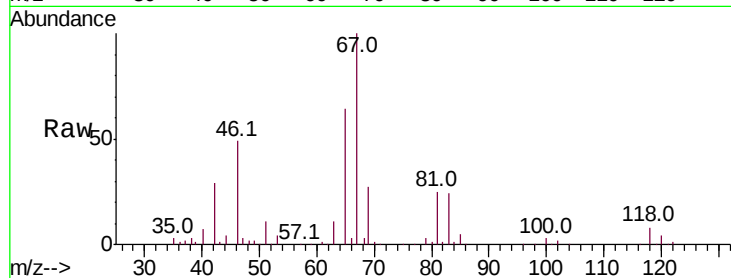




#40
 1,2-Dichloropropane
 Concen: 5.223 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW014200.D
 Acq: 02 Dec 2019 13:42

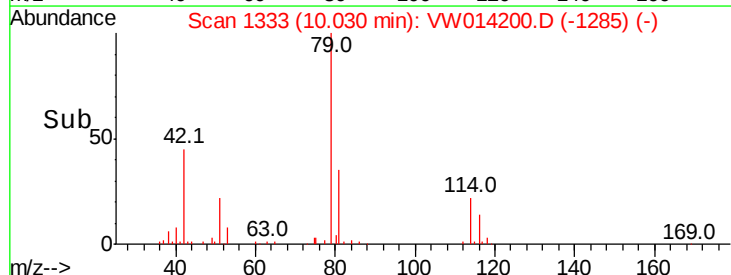
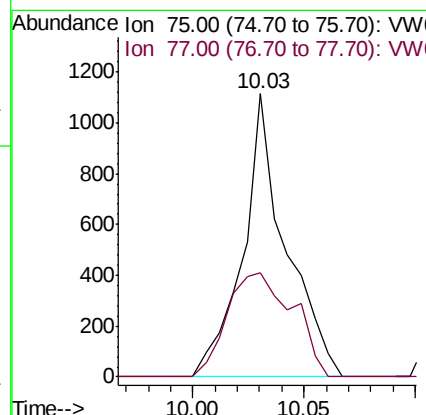
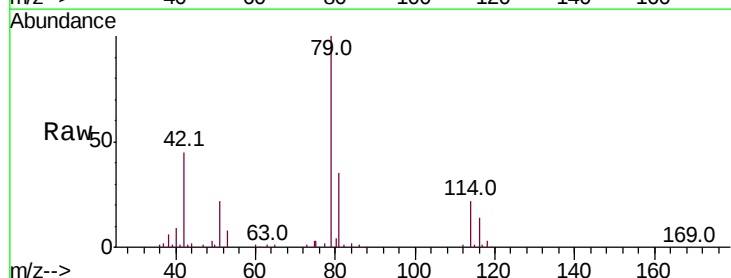
Instrument :
 MSVOA_W
 ClientSampleId :

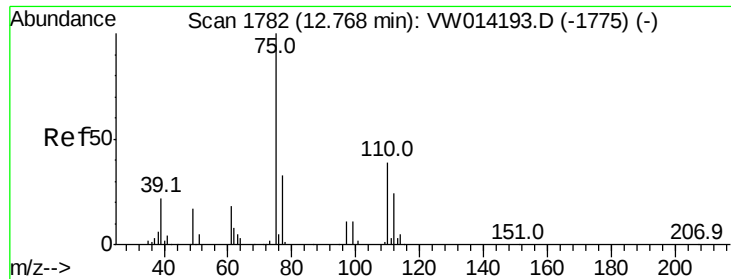
Tot Ion: 63 Resp: 9975
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.494 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW014200.D
 Acq: 02 Dec 2019 13:42

Tgt Ion: 75 Resp: 1490
 Ion Ratio Lower Upper
 75 100
 77 36.7 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 2.176 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014200.D

Acq: 02 Dec 2019 13:42

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 2681

Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9

