

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005362.D
 Acq On : 13 Sep 2018 21:11
 Operator : SY/AP
 Sample : J4885-02MS
 Misc : 2.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H2TS2MS

Quant Time: Sep 14 06:57:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	319261	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	308324	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	144345	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86772	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
7) Chloroethane-d5	2.89	69	69908	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.32%
10) 1,1-Dichloroethene-d2	4.03	63	168308	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.32%
20) 2-Butanone-d5	7.09	46	47324	34.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.20%
24) Chloroform-d	7.65	84	166788	28.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.04%
26) 1,2-Dichloroethane-d4	8.31	65	105329	27.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.64%
29) Benzene-d6	8.28	84	335245	27.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.32%
33) 1,2-Dichloropropane-d6	9.28	67	101112	28.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.48%
37) Toluene-d8	10.33	98	343929	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.72%
38) trans-1,3-Dichloropropene-	10.59	79	46810	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.92%
39) 2-Hexanone-d5	10.93	63	40952	37.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83021	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	126145	29.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.48%

Target Compounds

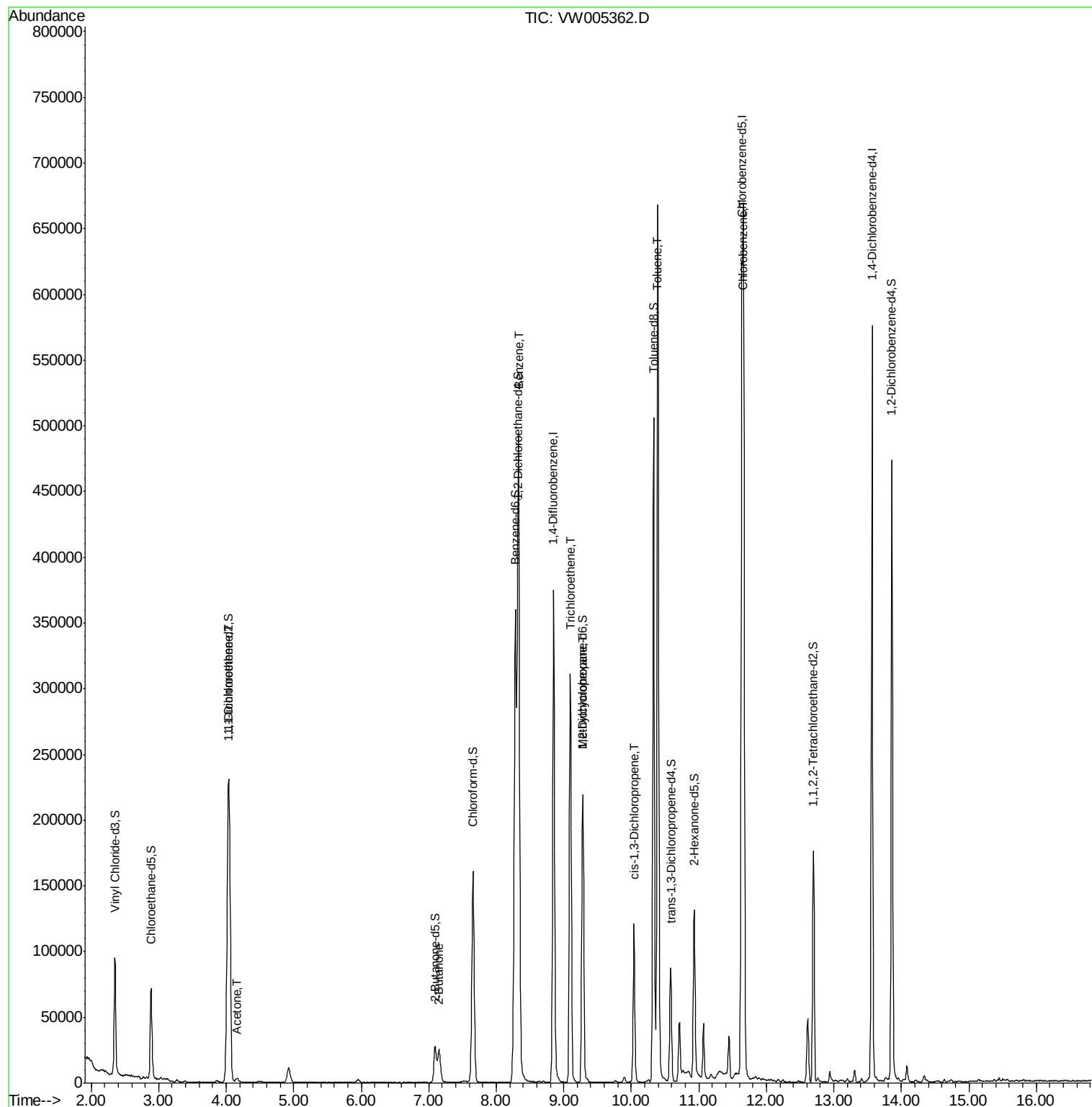
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	86735	24.964	ug/L	92
13) Acetone	4.15	43	3439	2.639	ug/L	61
21) 2-Butanone	7.15	43	1217	0.609	ug/L #	62
34) Benzene	8.33	78	425023	24.743	ug/L	100
35) Trichloroethene	9.10	95	106504	23.361	ug/L	98
36) Methylcyclohexane	9.28	83	24399	3.083	ug/L #	17
42) cis-1,3-Dichloropropene	10.04	75	3095	0.494	ug/L #	67
44) Toluene	10.40	91	504599	25.638	ug/L	99
52) Chlorobenzene	11.66	112	316601	24.651	ug/L	96

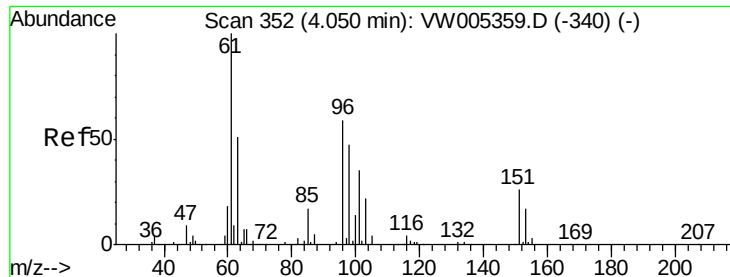
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 14 06:56:14 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.964 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW005362.D

Acq: 13 Sep 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

H2TS2MS

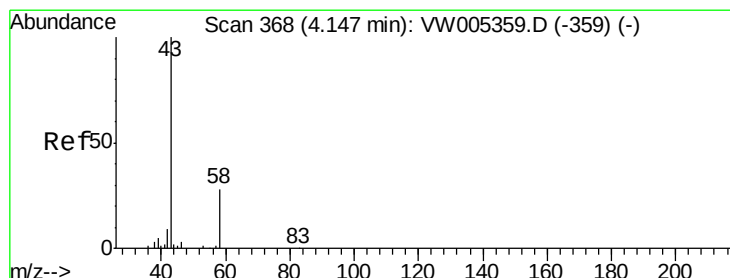
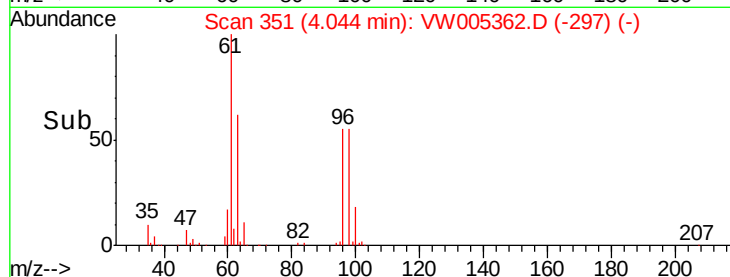
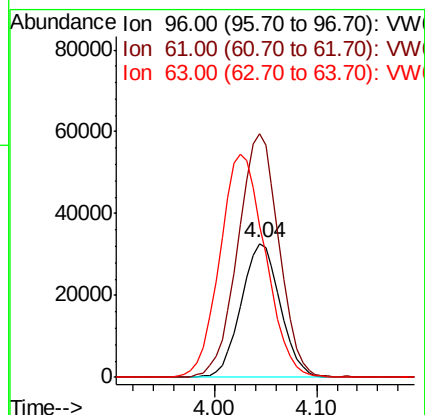
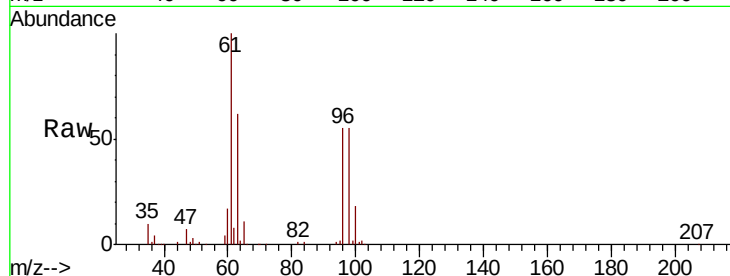
Tgt Ion: 96 Resp: 86735

Ion Ratio Lower Upper

96 100

61 182.2 123.3 229.1

63 113.4 69.4 128.8



#13

Acetone

Concen: 2.639 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005362.D

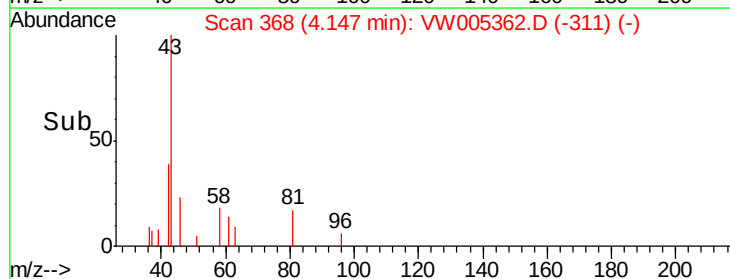
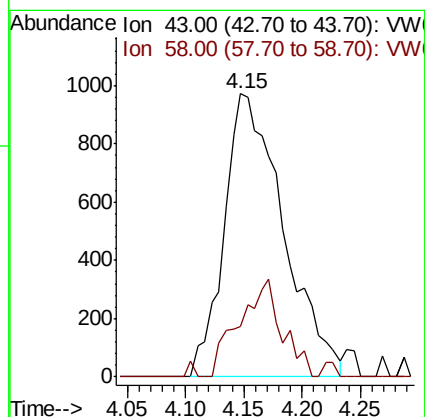
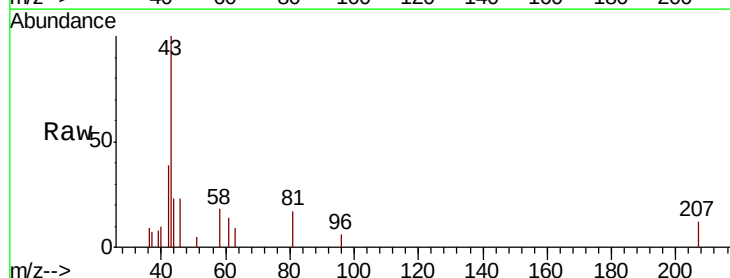
Acq: 13 Sep 2018 21:11

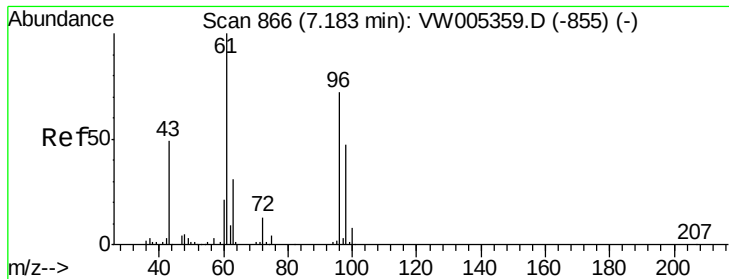
Tgt Ion: 43 Resp: 3439

Ion Ratio Lower Upper

43 100

58 8.3 0.0 57.6





#21

2-Butanone

Concen: 0.609 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005362.D

Acq: 13 Sep 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

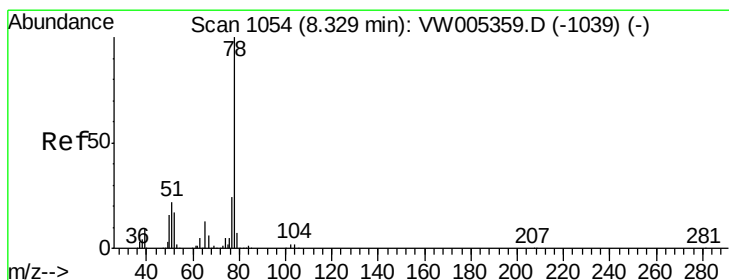
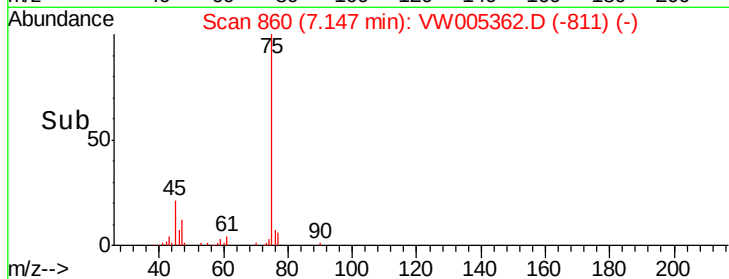
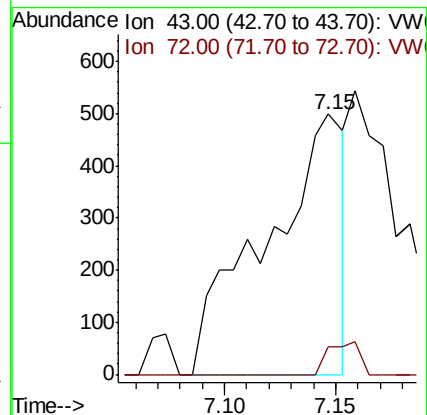
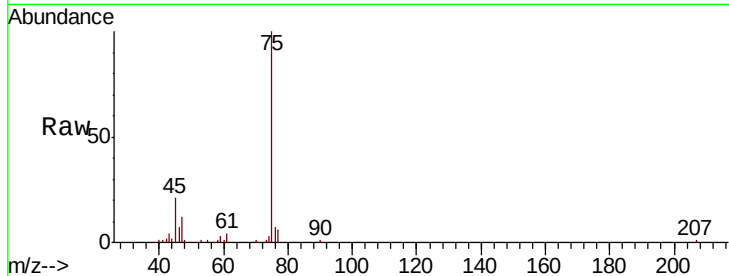
H2TS2MS

Tgt Ion: 43 Resp: 1217

Ion Ratio Lower Upper

43 100

72 5.0 11.8 35.4#



#34

Benzene

Concen: 24.743 ug/L

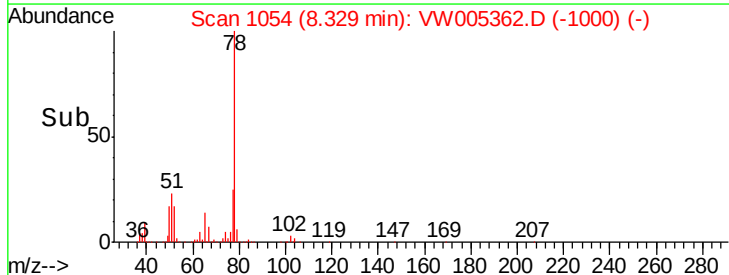
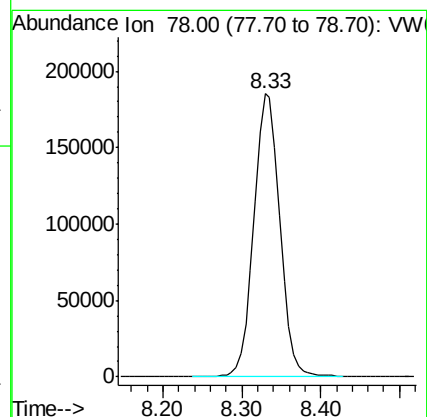
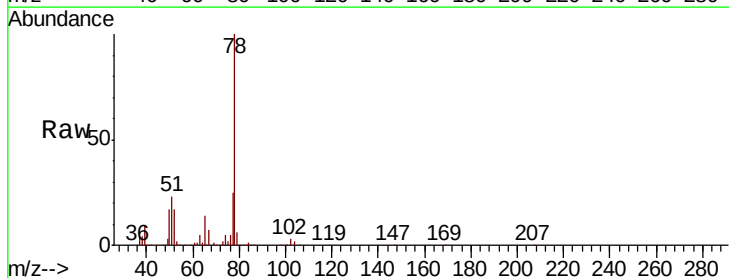
RT: 8.33 min Scan# 1054

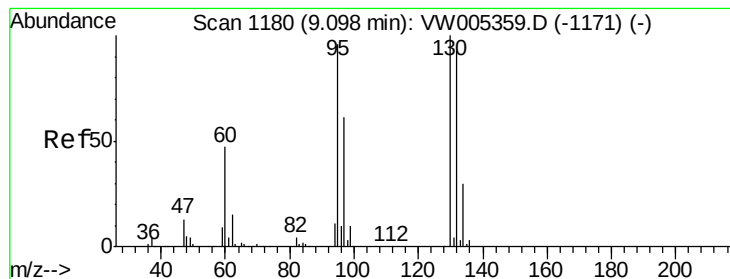
Delta R.T. 0.00 min

Lab File: VW005362.D

Acq: 13 Sep 2018 21:11

Tgt Ion: 78 Resp: 425023





#35

Trichloroethene

Concen: 23.361 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW005362.D

Acq: 13 Sep 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

H2TS2MS

Tgt Ion: 95 Resp: 106504

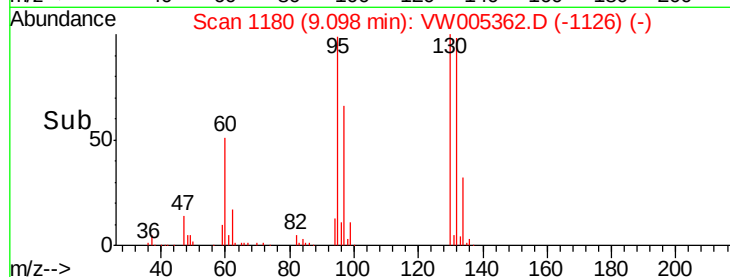
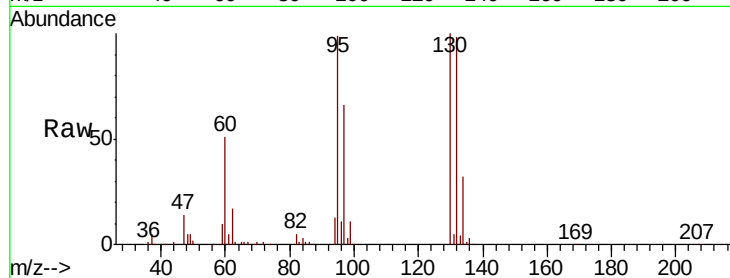
Ion Ratio Lower Upper

95 100

97 64.6 45.0 83.6

132 97.6 67.2 124.8

130 100.6 68.8 127.8



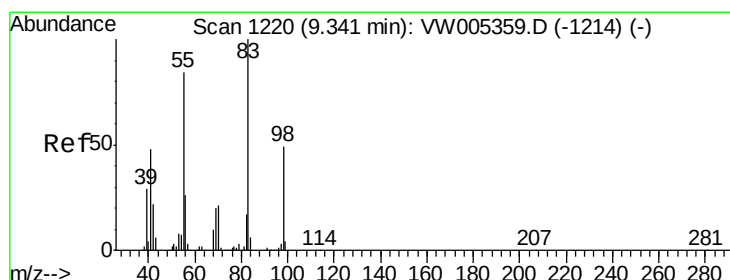
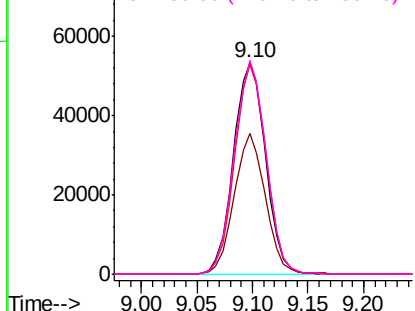
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 3.083 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW005362.D

Acq: 13 Sep 2018 21:11

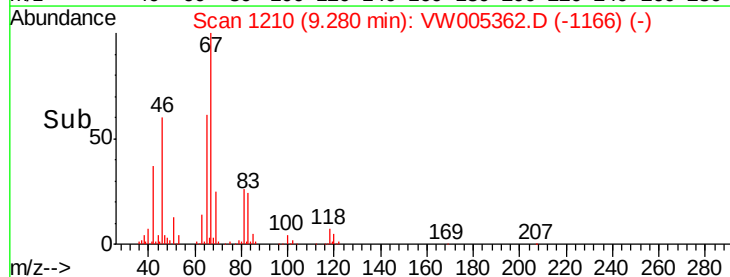
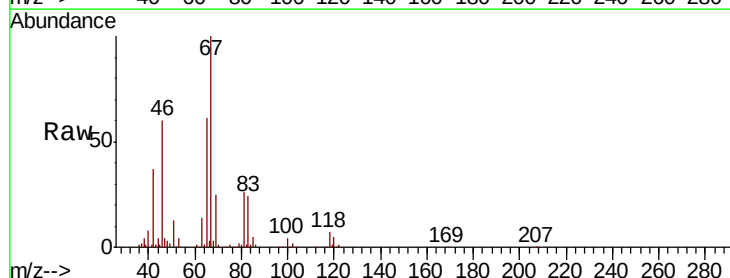
Tgt Ion: 83 Resp: 24399

Ion Ratio Lower Upper

83 100

55 0.3 66.4 99.6#

98 2.0 37.3 55.9#

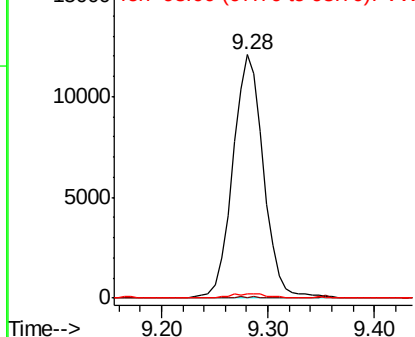


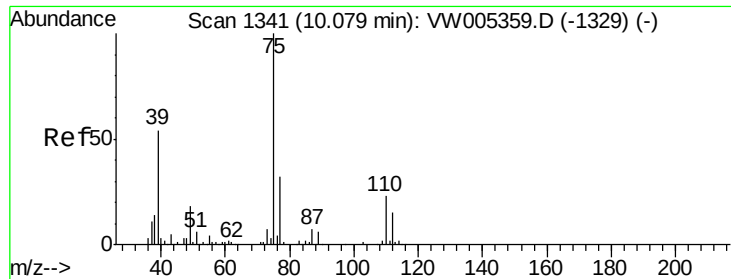
Abundance

Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

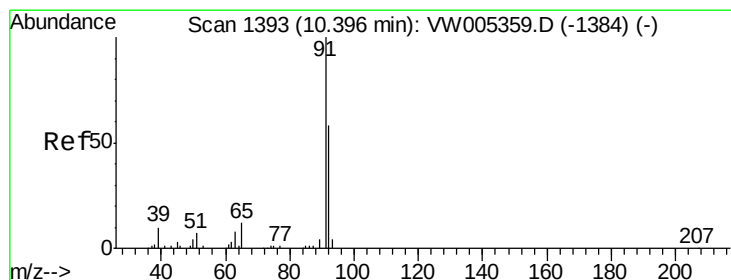
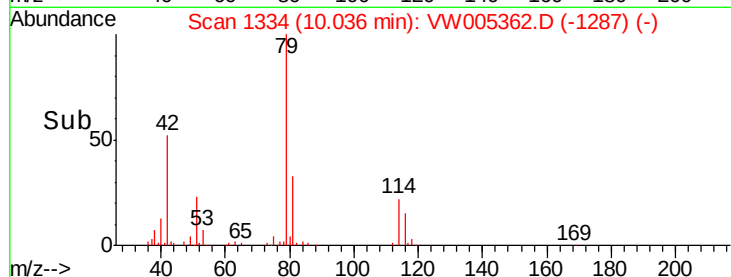
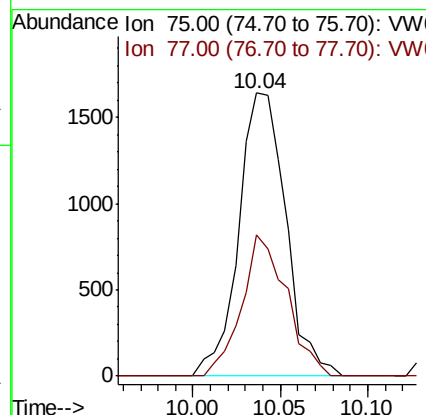
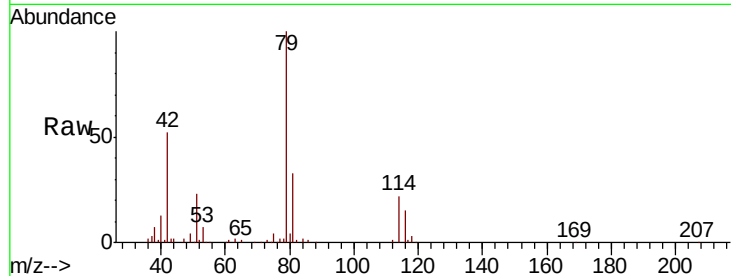




#42
 cis-1,3-Dichloropropene
 Concen: 0.494 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW005362.D
 Acq: 13 Sep 2018 21:11

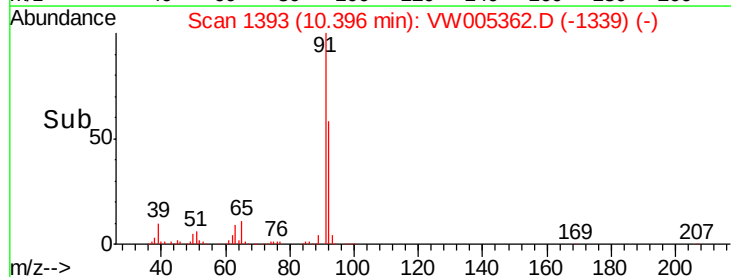
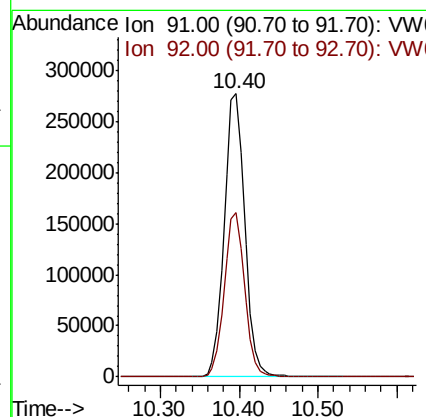
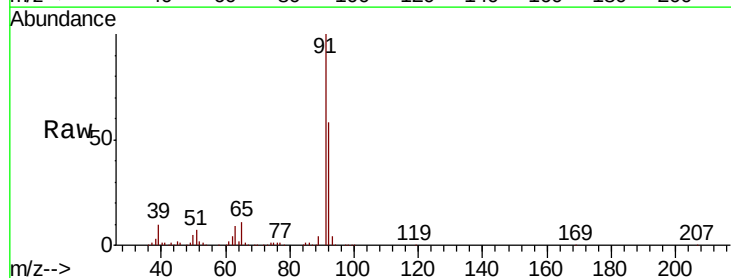
Instrument :
 MSVOA_W
 ClientSampleId :
 H2TS2MS

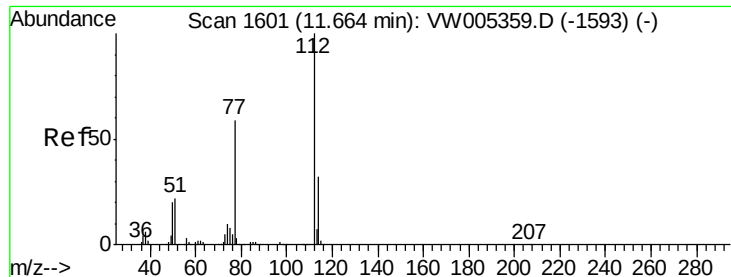
Tgt Ion: 75 Resp: 3095
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.3 41.3#



#44
 Toluene
 Concen: 25.638 ug/L
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW005362.D
 Acq: 13 Sep 2018 21:11

Tgt Ion: 91 Resp: 504599
 Ion Ratio Lower Upper
 91 100
 92 57.8 39.8 74.0





#52

Chlorobenzene

Concen: 24.651 ug/L

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005362.D

Acq: 13 Sep 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

H2TS2MS

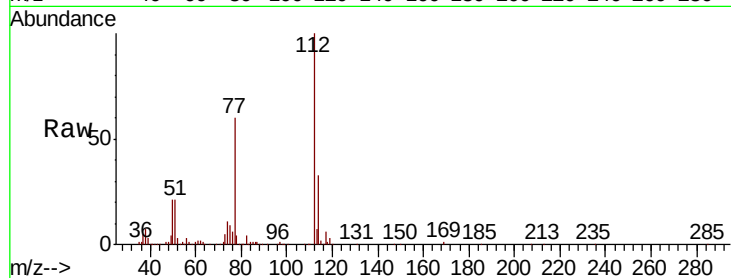
Tgt Ion:112 Resp: 316601

Ion Ratio Lower Upper

112 100

77 60.0 45.1 67.7

114 32.7 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): V

250000 Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

