

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016565.D
 Acq On : 15 Sep 2020 19:59
 Operator : SY/VA
 Sample : L4024-03
 Misc : 4.29G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J1

Quant Time: Sep 16 04:38:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 04:36:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	700657	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	623147	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	281807	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	177021	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.40%
7) Chloroethane-d5	2.91	69	145322	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.96%
10) 1,1-Dichloroethene-d2	4.03	63	282020	18.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.40%
20) 2-Butanone-d5	7.09	46	70463	38.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.22%
24) Chloroform-d	7.66	84	369670	25.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	8.31	65	185227	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.48%
29) Benzene-d6	8.28	84	731309	26.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.68%
33) 1,2-Dichloropropane-d6	9.28	67	196787	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.92%
37) Toluene-d8	10.33	98	708497	25.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.08%
38) trans-1,3-Dichloropropene-	10.58	79	89219	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.93	63	56576	41.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139646	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	241849	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%

Target Compounds

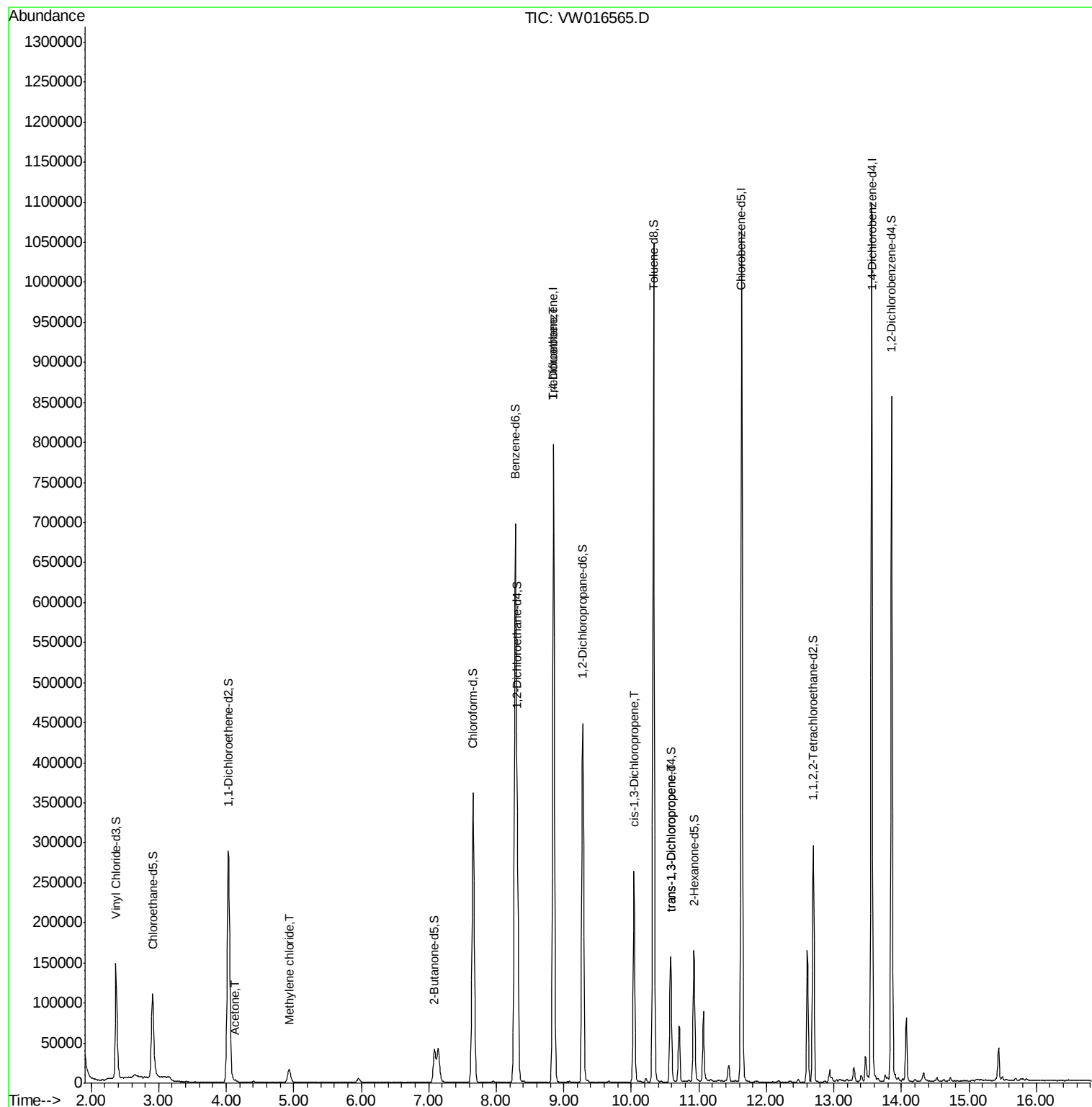
					Ovalue
13) Acetone	4.14	43	3319	2.291 ug/L	82
16) Methylene chloride	4.93	84	7695	0.712 ug/L	97
35) Trichloroethene	8.85	95	21230	2.197 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	7636	0.575 ug/L #	75
45) trans-1,3-Dichloropropene	10.59	75	4430	0.384 ug/L	84

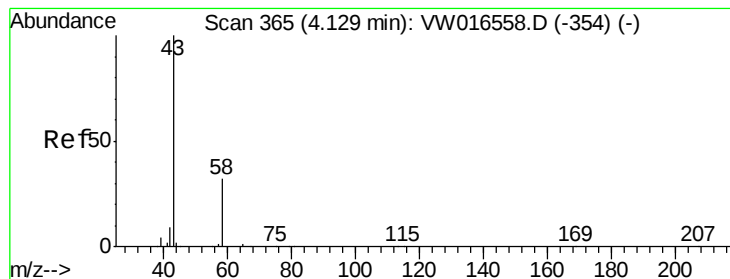
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091520\
Data File : VW016565.D
Acq On : 15 Sep 2020 19:59
Operator : SY/VA
Sample : L4024-03
Misc : 4.29G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3J1

Quant Time: Sep 16 04:38:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 16 04:36:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.291 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016565.D

Acq: 15 Sep 2020 19:59

Instrument :

MSVOA_W

ClientSampled :

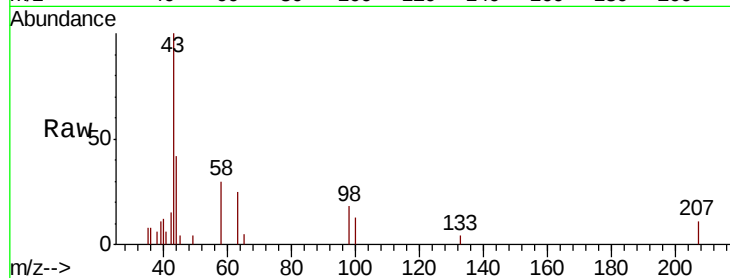
BG3J1

Tot Ion: 43 Resp: 3319

Ion Ratio Lower Upper

43 100

58 20.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1500

1000

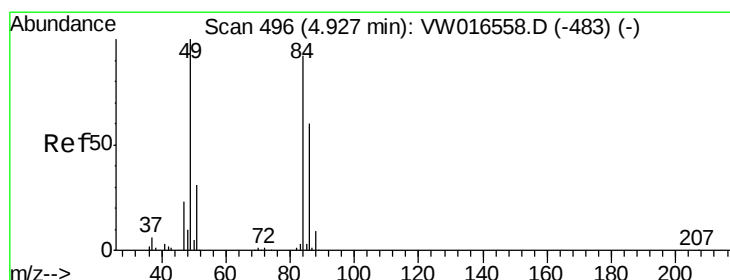
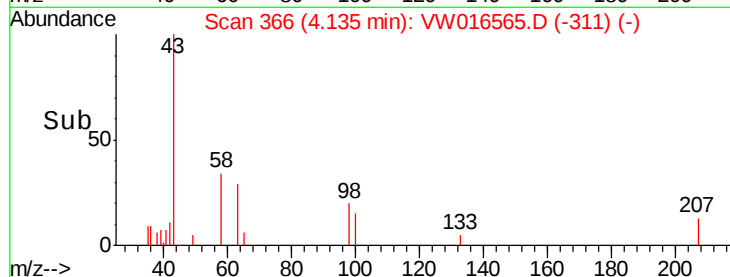
500

0

Time-->

4.05 4.10 4.15 4.20

4.14



#16

Methylene chloride

Concen: 0.712 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016565.D

Acq: 15 Sep 2020 19:59

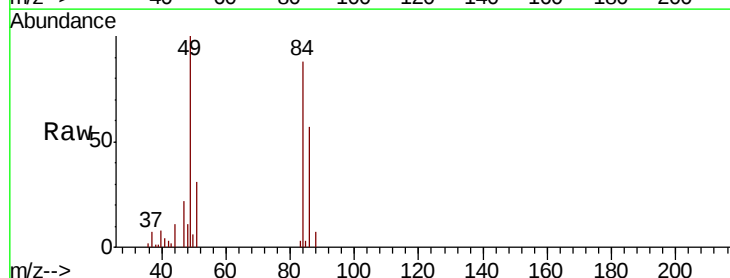
Tgt Ion: 84 Resp: 7695

Ion Ratio Lower Upper

84 100

49 113.2 76.0 141.2

86 64.9 45.6 84.6



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

6000

5000

4000

3000

2000

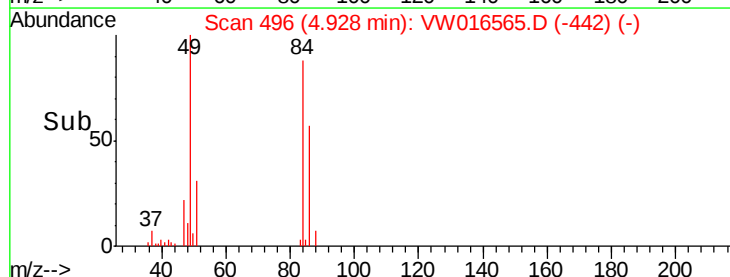
1000

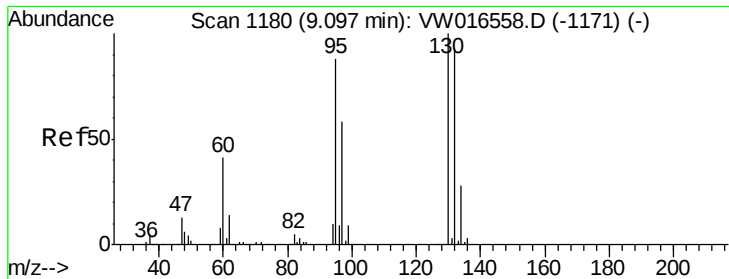
0

Time-->

4.85 4.90 4.95

4.93





#35

Trichloroethene

Concen: 2.197 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016565.D

Acq: 15 Sep 2020 19:59

Instrument :

MSVOA_W

ClientSampleId :

BG3J1

Tot Ion: 95 Resp: 21230

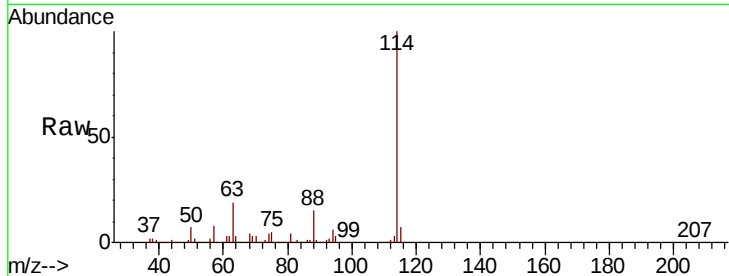
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.1 73.3 136.1#

130 0.0 77.5 143.9#

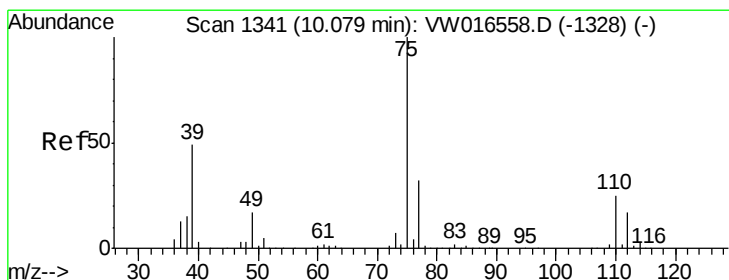
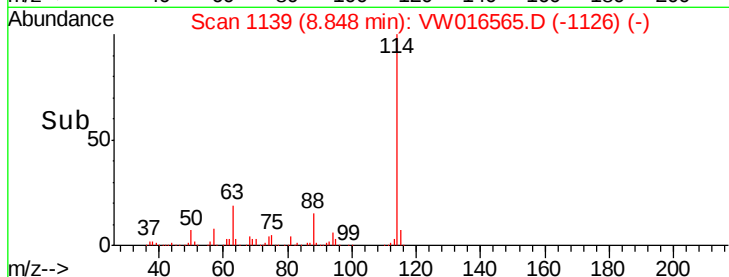
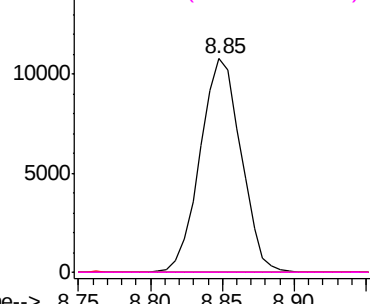


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW016565.D

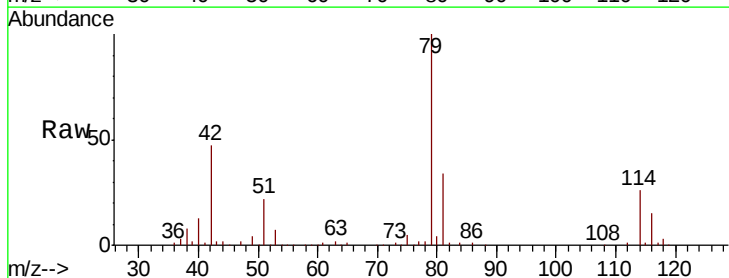
Acq: 15 Sep 2020 19:59

Tgt Ion: 75 Resp: 7636

Ion Ratio Lower Upper

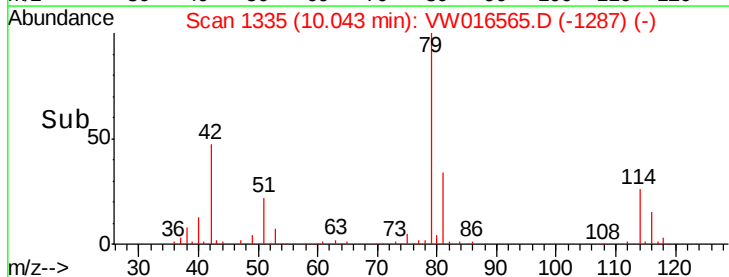
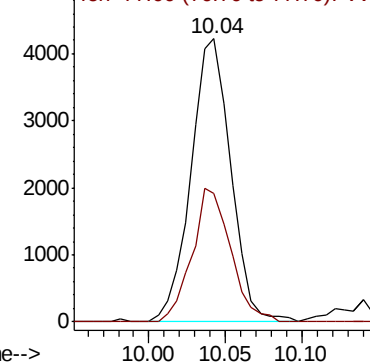
75 100

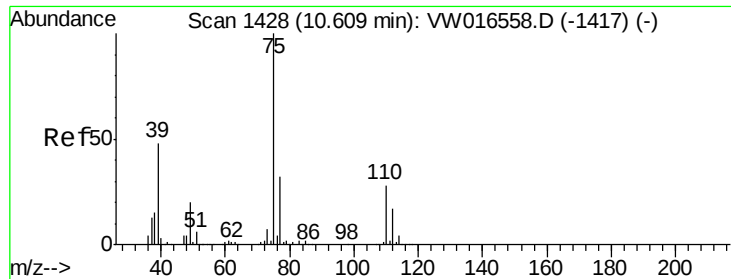
77 45.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.384 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016565.D

Acq: 15 Sep 2020 19:59

Instrument :

MSVOA_W

ClientSampleId :

BG3J1

Tot Ion: 75 Resp: 4430

Ion Ratio Lower Upper

75 100

77 41.3 22.5 41.9

