

Data File : VW014358.D
Acq On : 13 Dec 2019 19:00
Operator : SY/VA
Sample : K6279-01
Misc : 4.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEX7

Quant Time: Dec 14 04:33:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	874951	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	745782	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	259773	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	268505	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
7) Chloroethane-d5	2.88	69	216193	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	4.01	63	375726	16.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.24%
20) 2-Butanone-d5	7.07	46	94332	27.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.64%
24) Chloroform-d	7.64	84	524217	23.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	8.40	65	380	0.03	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	1055930	24.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.64%
33) 1,2-Dichloropropane-d6	9.27	67	339918	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.32	98	871896	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.24%
38) trans-1,3-Dichloropropene-	10.57	79	99930	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.84%
39) 2-Hexanone-d5	10.92	63	67341	25.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	218092	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	234238	23.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.40%

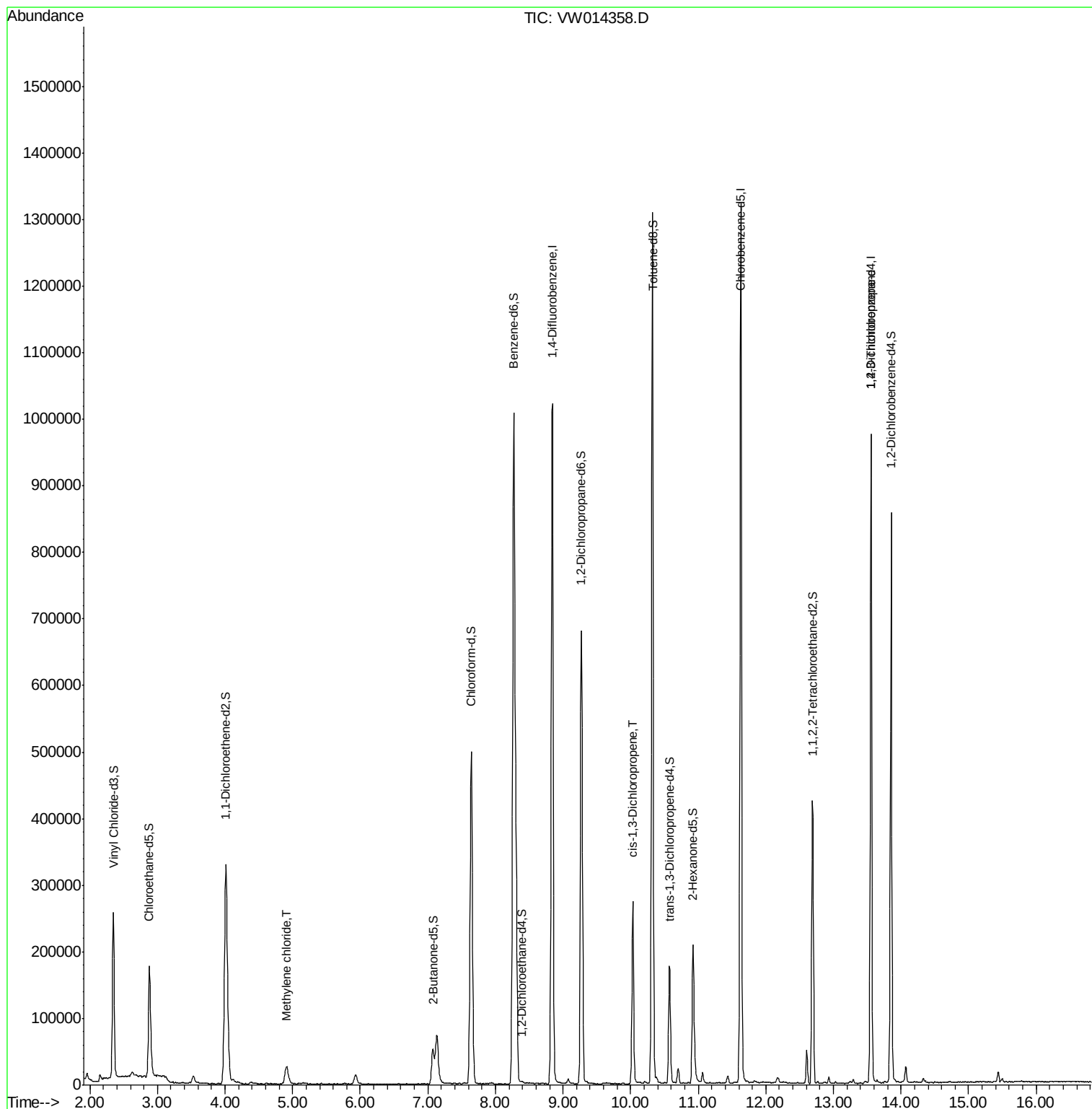
Target Compounds						Qvalue
16) Methylene chloride	4.91	84	22384	1.669	ug/L	97
42) cis-1,3-Dichloropropene	10.03	75	6490	0.357	ug/L #	77
59) 1,2,3-Trichloropropane	13.55	75	29664	3.538	ug/L	93

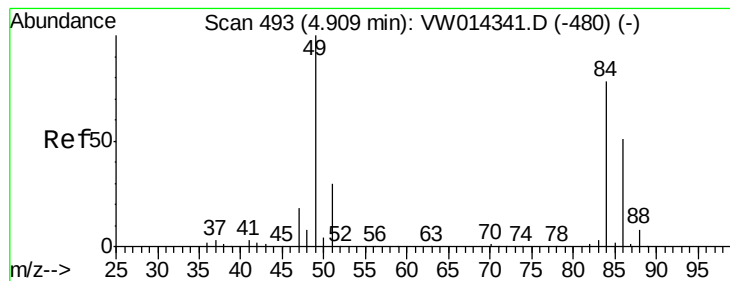
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.669 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

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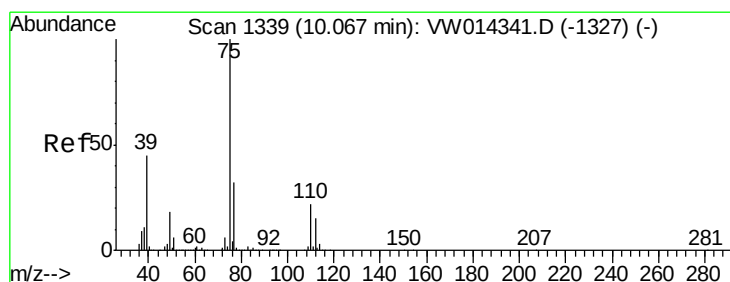
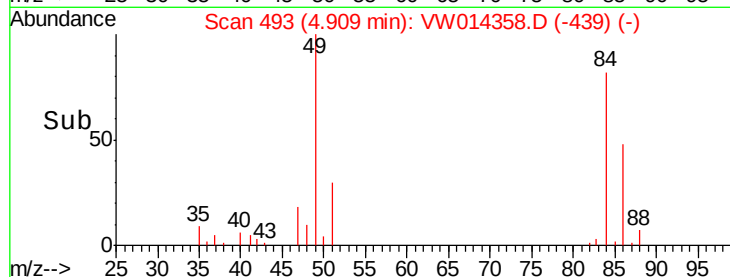
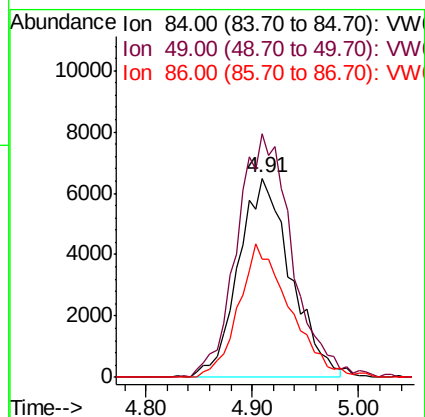
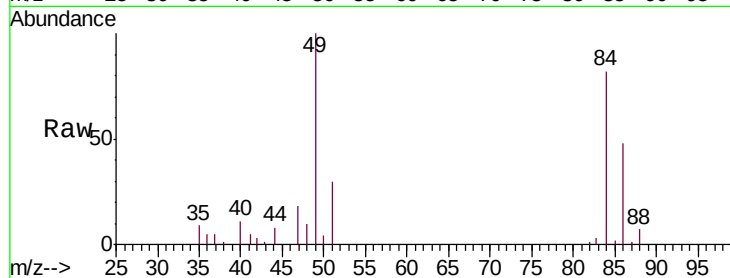
Tgt Ion: 84 Resp: 22384

Ion Ratio Lower Upper

84 100

49 122.2 84.2 156.4

86 59.0 43.7 81.1



#42

cis-1,3-Dichloropropene

Concen: 0.357 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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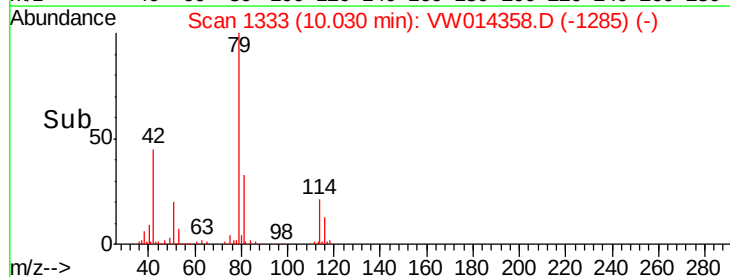
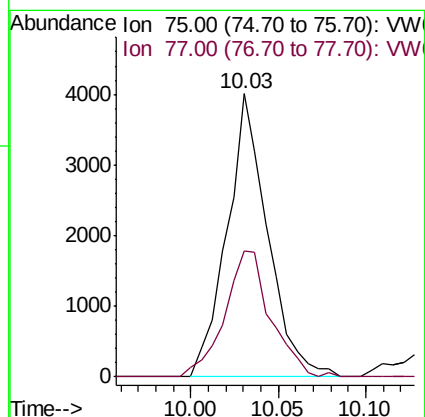
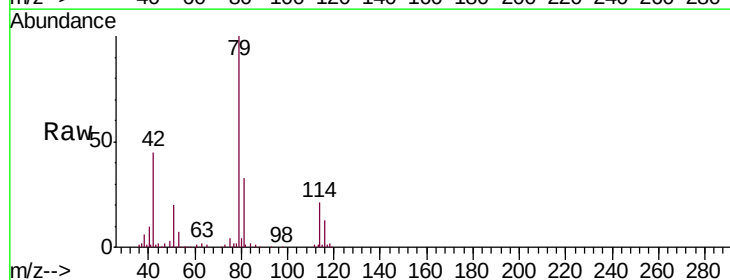
Acq: 13 Dec 2019 19:00

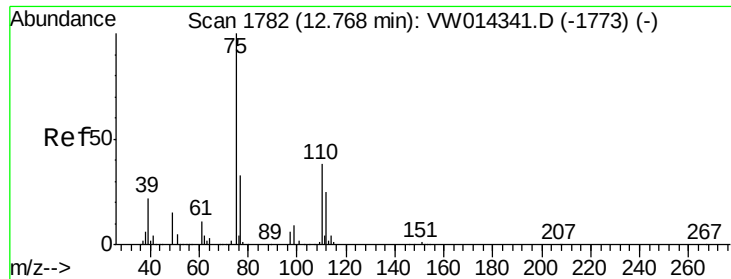
Tgt Ion: 75 Resp: 6490

Ion Ratio Lower Upper

75 100

77 44.4 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 3.538 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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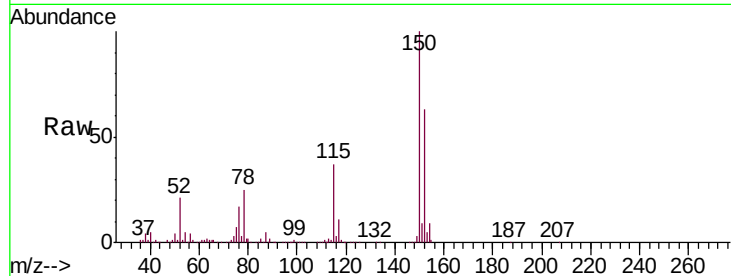
BFEX7

Tgt Ion: 75 Resp: 29664

Ion Ratio Lower Upper

75 100

77 36.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

