

Data File : VW013793.D
Acq On : 29 Oct 2019 15:09
Operator : SY/VA
Sample : K5535-10
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEK32

Quant Time: Oct 30 07:02:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	310141	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	274477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112952	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101556	26.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.76%
7) Chloroethane-d5	2.89	69	83446	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
10) 1,1-Dichloroethene-d2	4.02	63	150402	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.07	46	59467	43.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.38%
24) Chloroform-d	7.65	84	206649	23.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	8.31	65	107963	23.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.16%
29) Benzene-d6	8.27	84	435424	26.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.60%
33) 1,2-Dichloropropane-d6	9.27	67	130487	26.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.96%
37) Toluene-d8	10.32	98	381839	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.44%
38) trans-1,3-Dichloropropene-	10.58	79	50947	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.72%
39) 2-Hexanone-d5	10.93	63	46396	49.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96816	24.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	97300	24.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.52%

Target Compounds

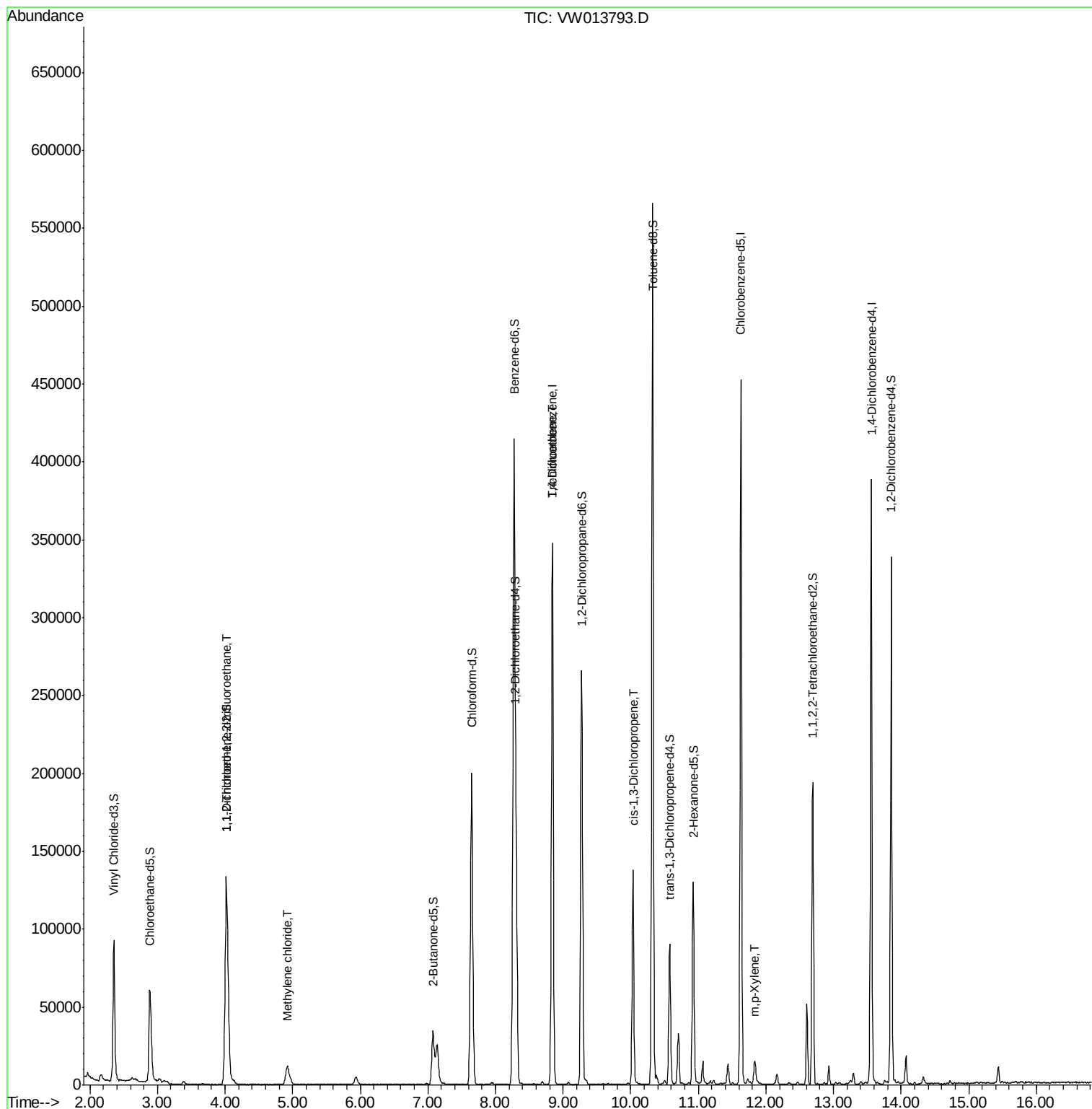
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1774	0.354	ug/L #	17
16) Methylene chloride	4.92	84	10489	1.766	ug/L	96
35) Trichloroethene	8.84	95	8607	1.703	ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3102	0.408	ug/L #	52
54) m,p-Xylene	11.84	106	4254	0.471	ug/L	72

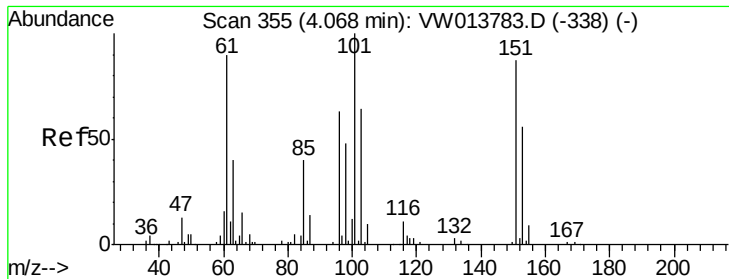
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.354 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

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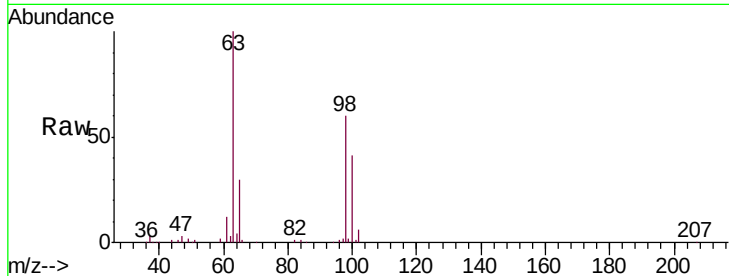
Tgt Ion: 101 Resp: 1774

Ion Ratio Lower Upper

101 100

85 0.0 32.0 48.0#

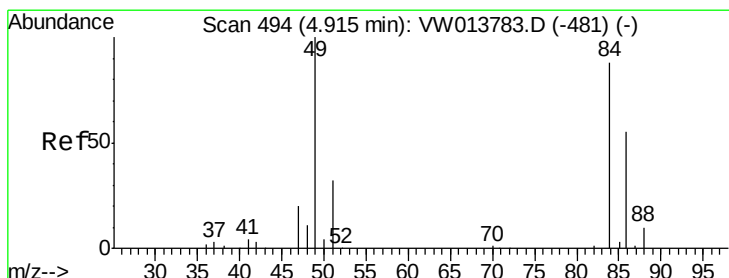
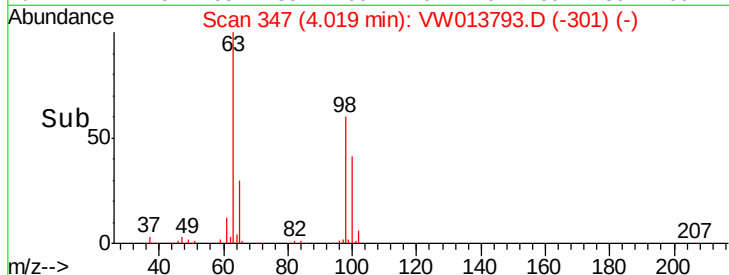
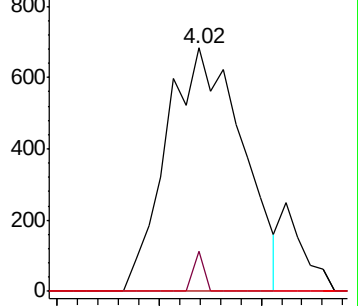
151 0.0 66.9 100.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 1.766 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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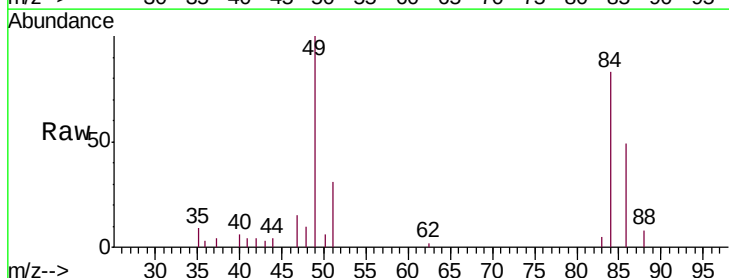
Tgt Ion: 84 Resp: 10489

Ion Ratio Lower Upper

84 100

49 119.8 80.2 148.9

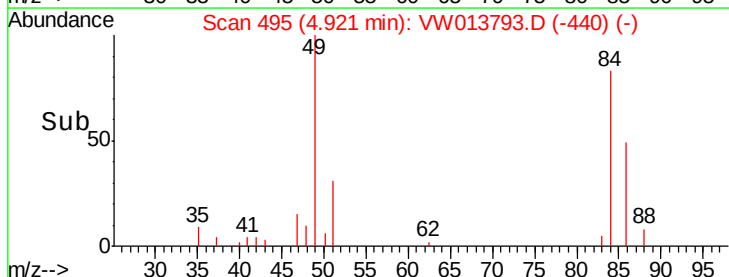
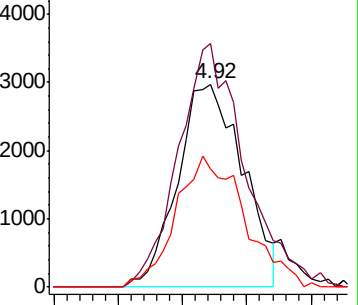
86 58.2 42.7 79.3

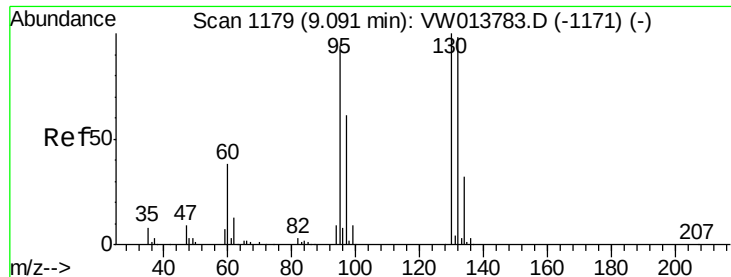


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.703 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 8607

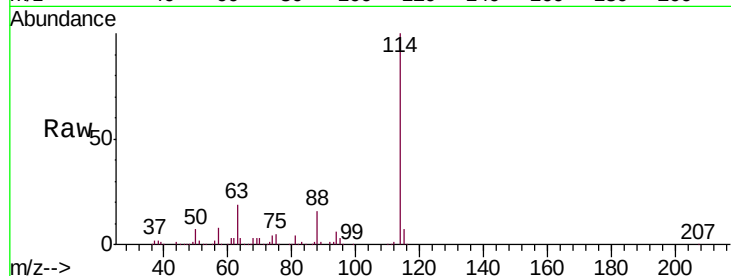
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.5 74.3 138.1#

130 0.0 76.6 142.3#

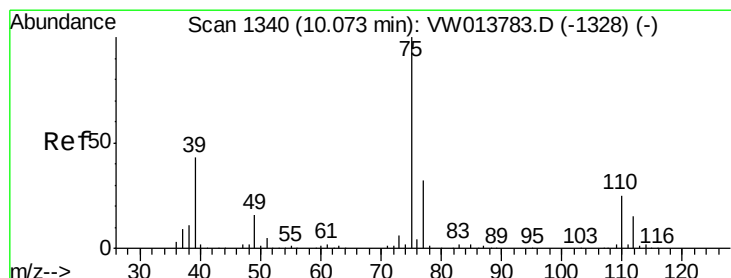
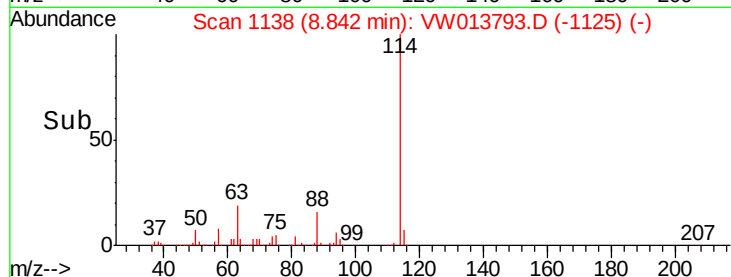
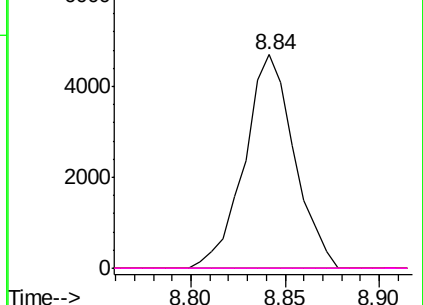


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 0.408 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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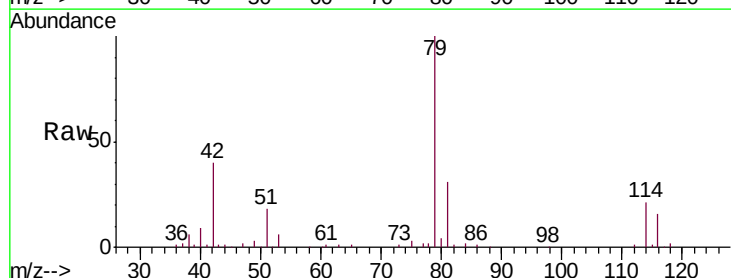
Acq: 29 Oct 2019 15:09

Tgt Ion: 75 Resp: 3102

Ion Ratio Lower Upper

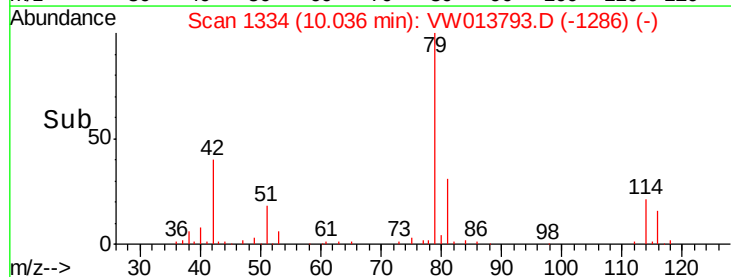
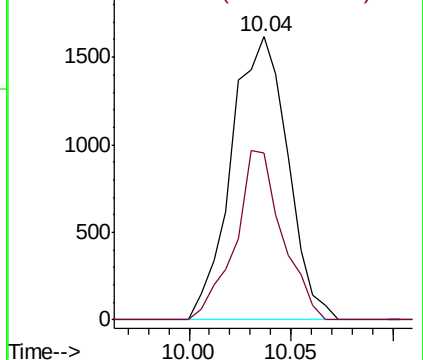
75 100

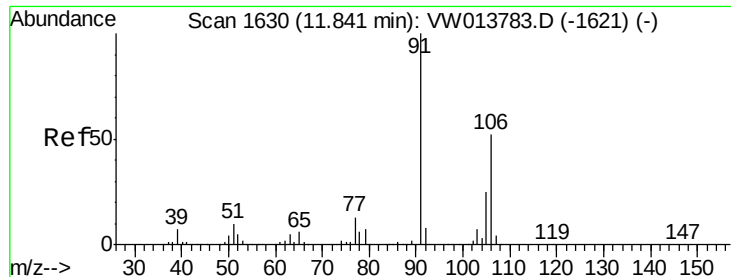
77 58.8 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#54
 m,p-Xylene
 Concen: 0.471 ug/L
 RT: 11.84 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VW013793.D
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 MSVOA_W
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Tgt Ion:106 Resp: 4254
 Ion Ratio Lower Upper
 106 100
 91 154.2 137.7 255.7

