

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016334.D
 Acq On : 24 Aug 2020 16:41
 Operator : SY/VA
 Sample : L3782-06RE
 Misc : 6.07G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK3RE

Quant Time: Aug 25 05:44:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 05:29:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	284697	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228243	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	60688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50616	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
7) Chloroethane-d5	2.89	69	43441	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
10) 1,1-Dichloroethene-d2	4.01	63	94600	13.10	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.40%
20) 2-Butanone-d5	7.08	46	34296	39.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.34%
24) Chloroform-d	7.65	84	157224	21.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.72%
26) 1,2-Dichloroethane-d4	8.31	65	79358	20.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.00%
29) Benzene-d6	8.27	84	293011	22.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.96%
33) 1,2-Dichloropropane-d6	9.27	67	86425	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.32	98	246342	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.96%
38) trans-1,3-Dichloropropene-	10.58	79	36234	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	10.93	63	31920	56.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62989	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	52343	22.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.96%

Target Compounds

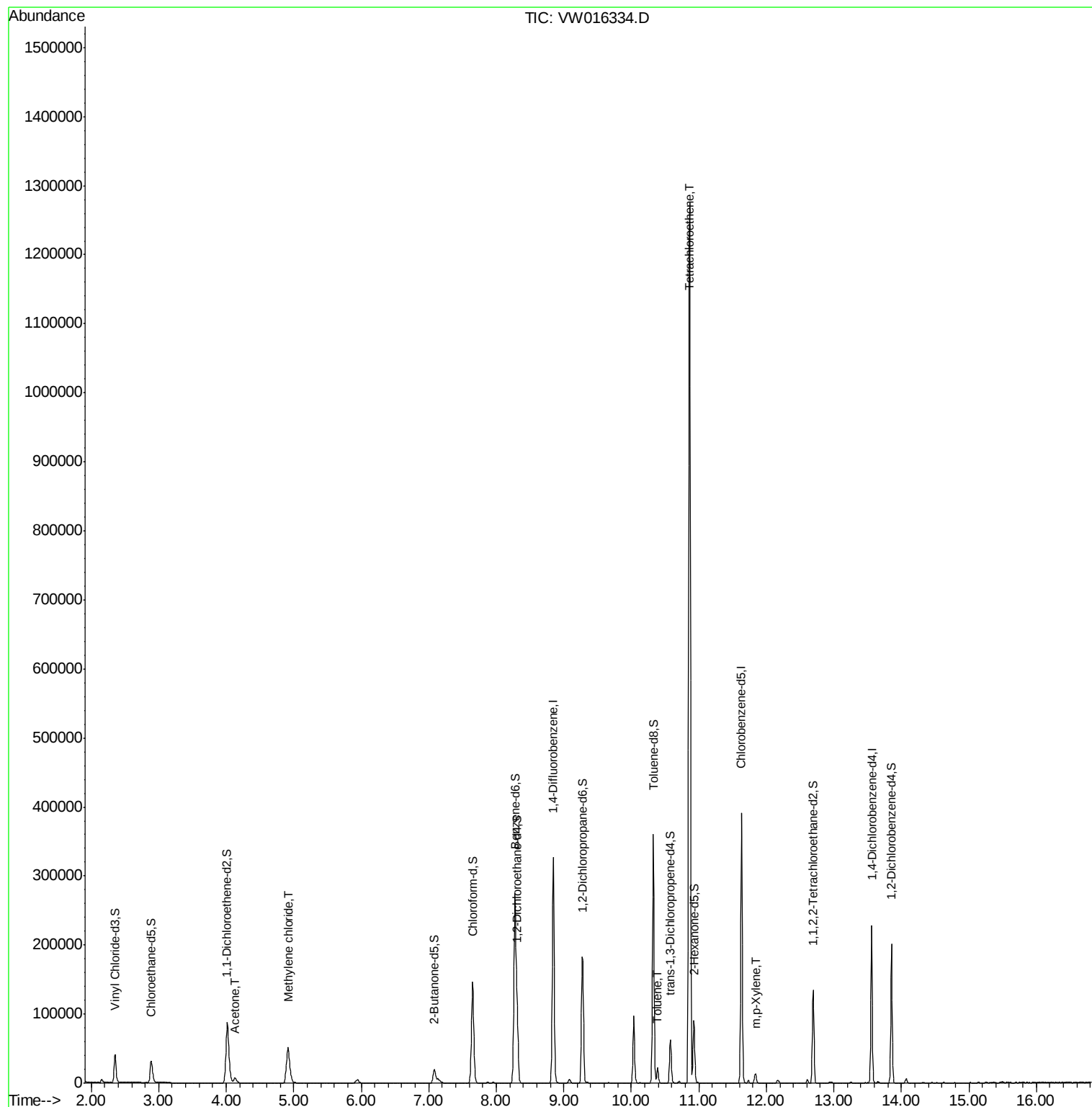
					Ovalue
13) Acetone	4.13	43	13111	18.275	ug/L 99
16) Methylene chloride	4.92	84	48436	9.203	ug/L 96
44) Toluene	10.38	91	16756	1.175	ug/L 96
47) Tetrachloroethene	10.87	164	299425	102.435	ug/L 90
54) m,p-Xylene	11.84	106	4672	0.742	ug/L 93

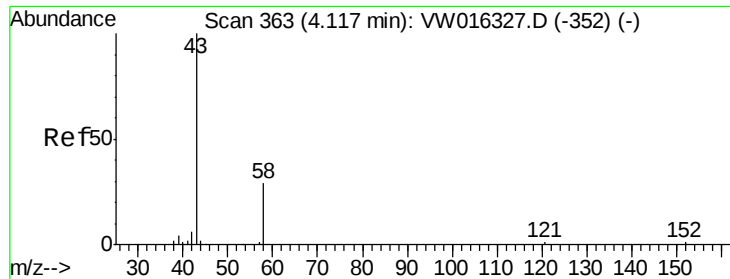
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.275 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 24 Aug 2020 16:41

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MSVOA_W

ClientSampleId :

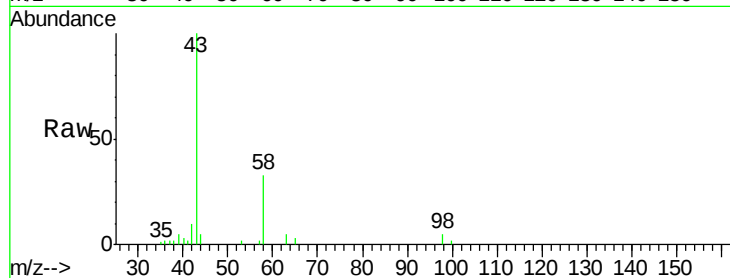
BFSK3RE

Tot Ion: 43 Resp: 13111

Ion Ratio Lower Upper

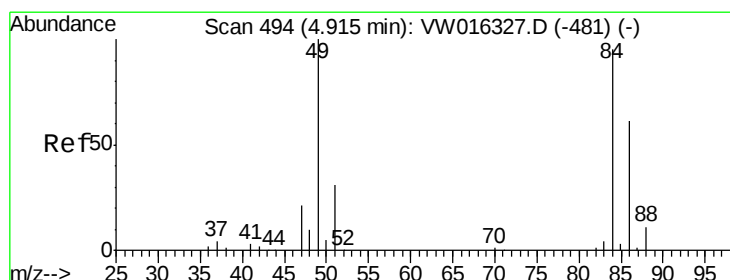
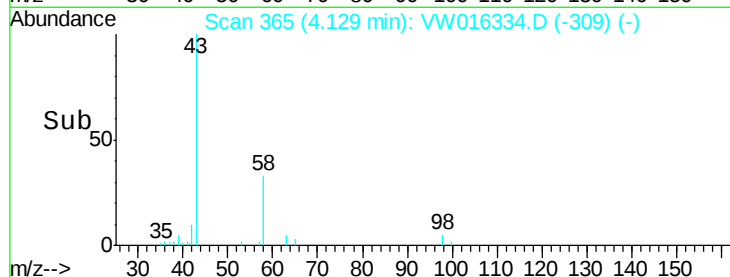
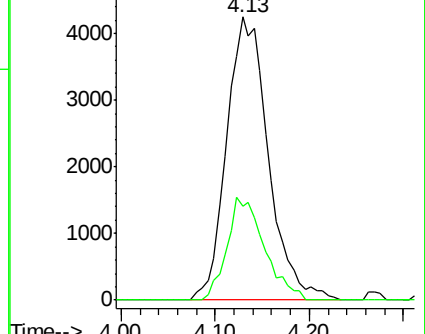
43 100

58 32.4 0.0 63.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 9.203 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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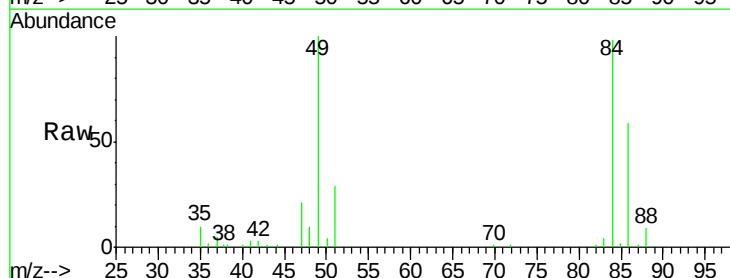
Tgt Ion: 84 Resp: 48436

Ion Ratio Lower Upper

84 100

49 102.3 75.3 139.9

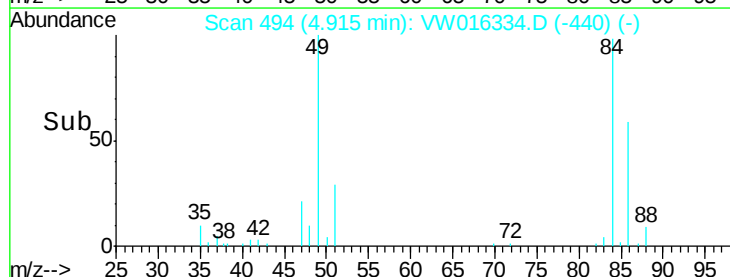
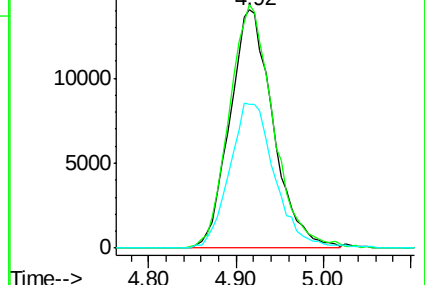
86 60.7 43.3 80.3

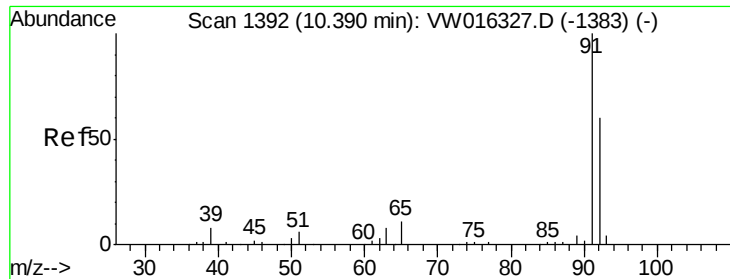


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44

Toluene

Concen: 1.175 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

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ClientSampleId :

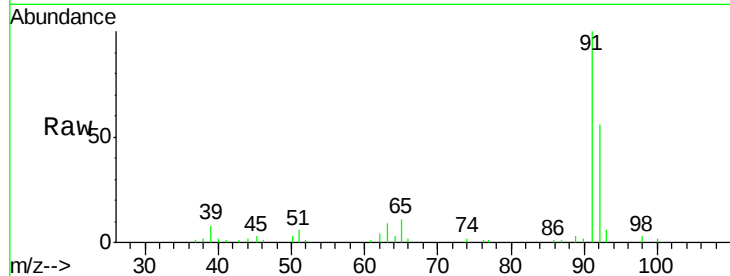
BFSK3RE

Tot Ion: 91 Resp: 16756

Ion Ratio Lower Upper

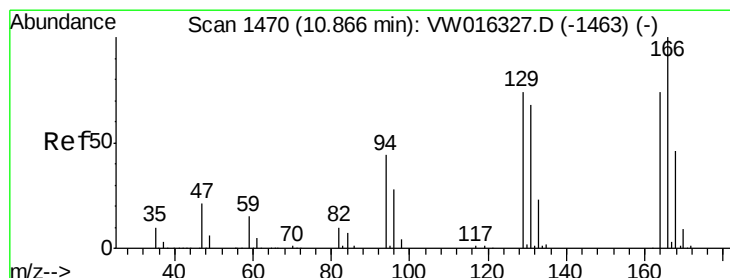
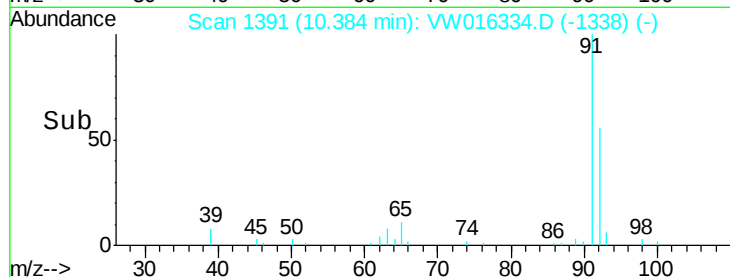
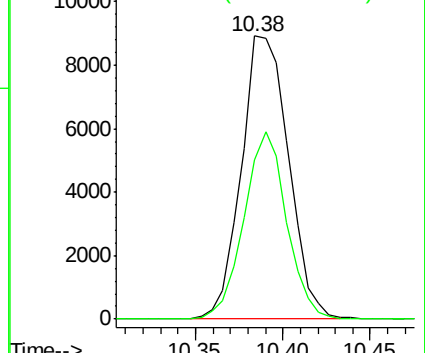
91 100

92 56.4 41.5 77.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#47

Tetrachloroethene

Concen: 102.435 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016334.D

Acq: 24 Aug 2020 16:41

Tgt Ion: 164 Resp: 299425

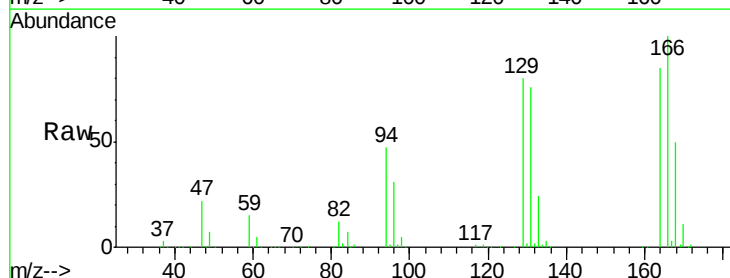
Ion Ratio Lower Upper

164 100

129 93.6 71.5 132.7

131 89.3 67.4 125.2

166 117.3 92.5 171.9

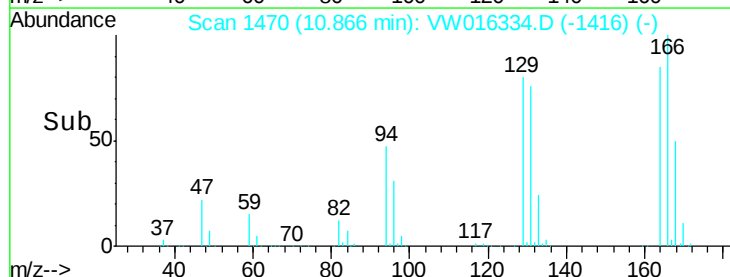
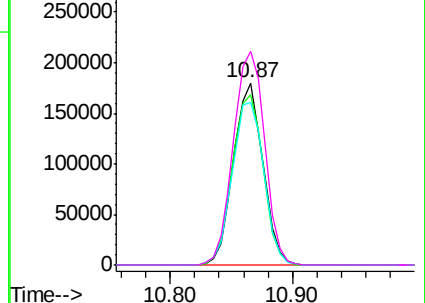


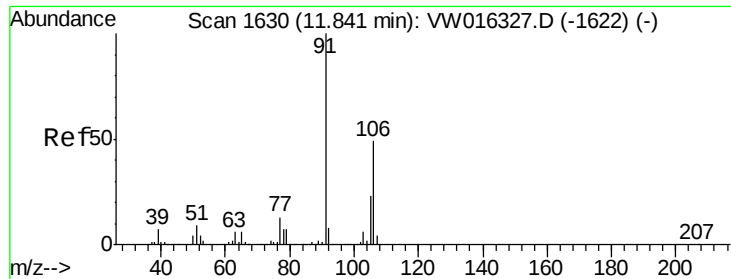
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#54
 m,p-Xylene
 Concen: 0.742 ug/L
 RT: 11.84 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VW016334.D
 Acq: 24 Aug 2020 16:41

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK3RE

Tot Ion:106 Resp: 4672
 Ion Ratio Lower Upper
 106 100
 91 187.3 138.8 257.8

