

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009469.D
 Acq On : 26 Mar 2019 16:18
 Operator : SY/VA
 Sample : K2044-06RE
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T6RE

Quant Time: Apr 08 10:58:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	353715	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	247699	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	56285	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91854	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.92%
7) Chloroethane-d5	2.89	69	100566	20.33	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.32%
10) 1,1-Dichloroethene-d2	4.01	63	147849	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	7.08	46	61188	35.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.00%
24) Chloroform-d	7.64	84	229724	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	8.31	65	133953	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	8.27	84	395766	28.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.88%
33) 1,2-Dichloropropane-d6	9.27	67	127256	31.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.08%#
37) Toluene-d8	10.32	98	292964	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.76%
38) trans-1,3-Dichloropropene-	10.57	79	44056	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.52%
39) 2-Hexanone-d5	10.93	63	39695	39.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87729	21.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	47797	22.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.60%

Target Compounds

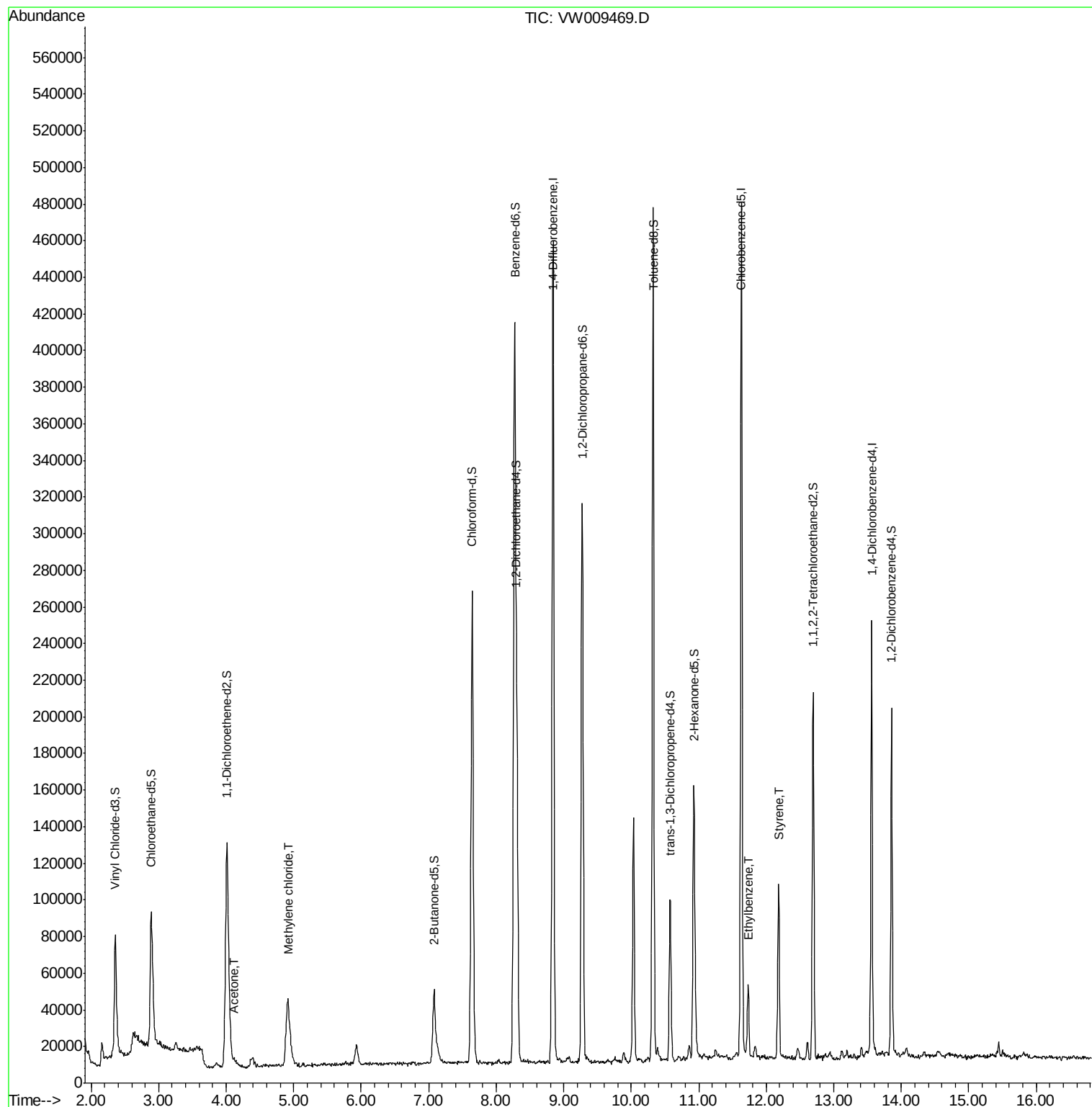
					Ovalue
13) Acetone	4.12	43	4599	3.208 ug/L	82
16) Methylene chloride	4.92	84	33882	6.569 ug/L	96
53) Ethylbenzene	11.73	91	24921	1.495 ug/L	95
56) Styrene	12.18	104	40653	3.857 ug/L	97

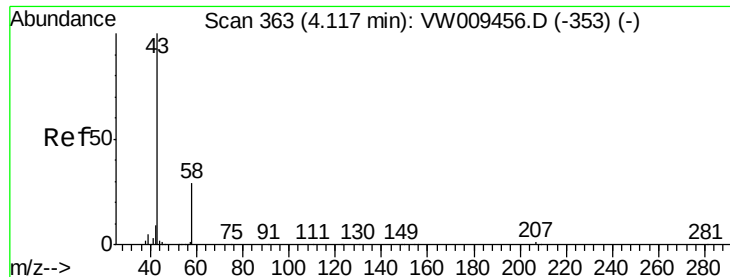
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.208 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 26 Mar 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

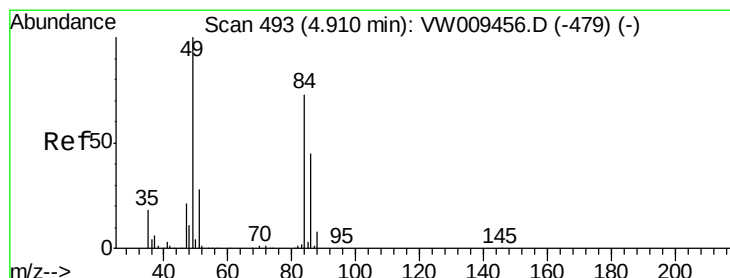
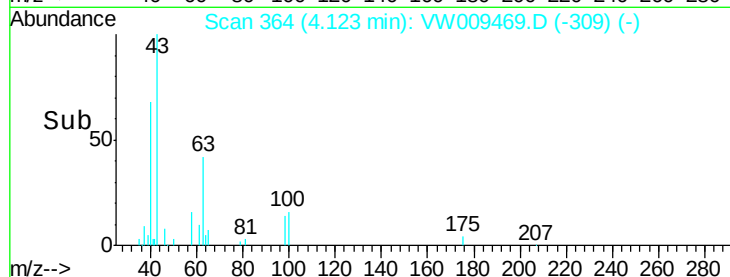
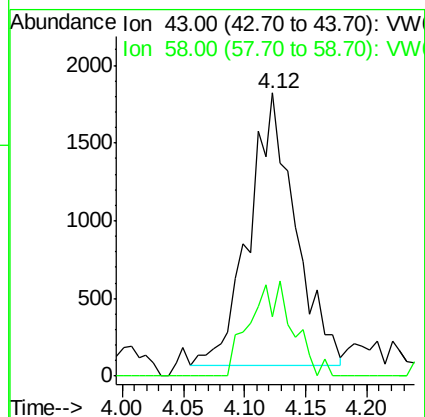
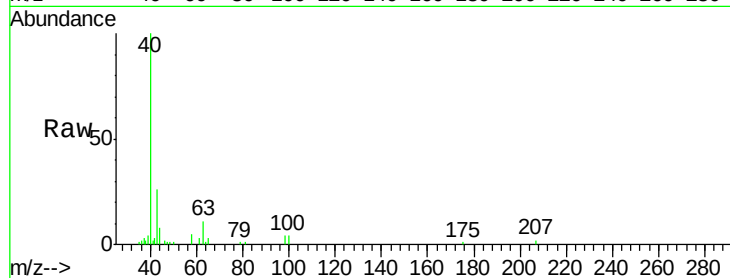
BF5T6RE

Tot Ion: 43 Resp: 4599

Ion Ratio Lower Upper

43 100

58 18.4 0.0 56.2



#16

Methylene chloride

Concen: 6.569 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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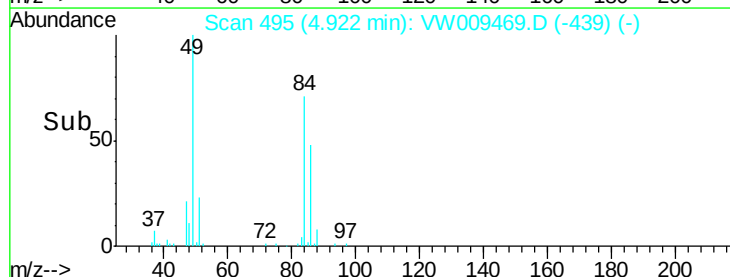
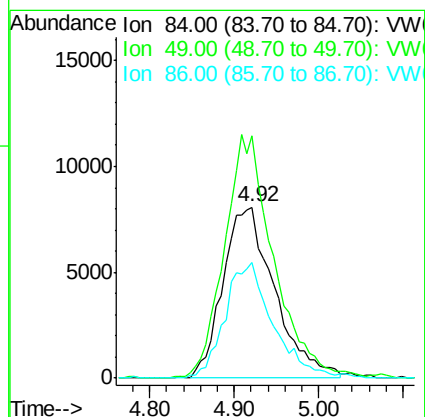
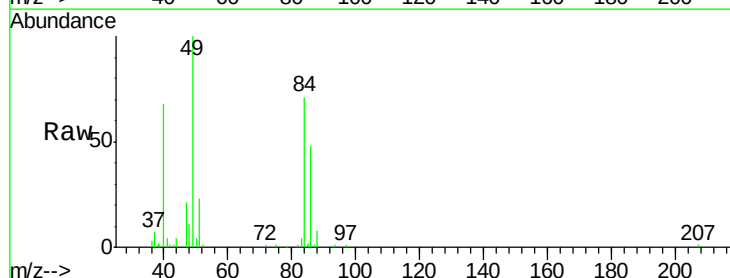
Tgt Ion: 84 Resp: 33882

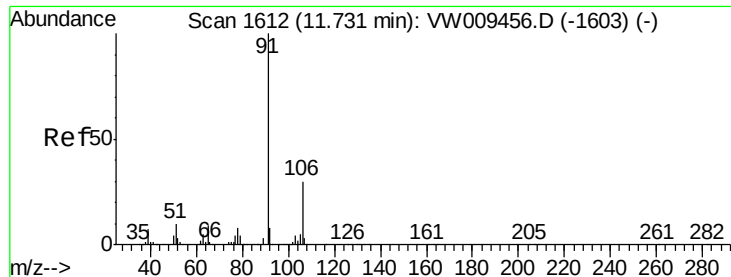
Ion Ratio Lower Upper

84 100

49 141.4 96.0 178.2

86 67.3 44.4 82.5





#53

Ethylbenzene

Concen: 1.495 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

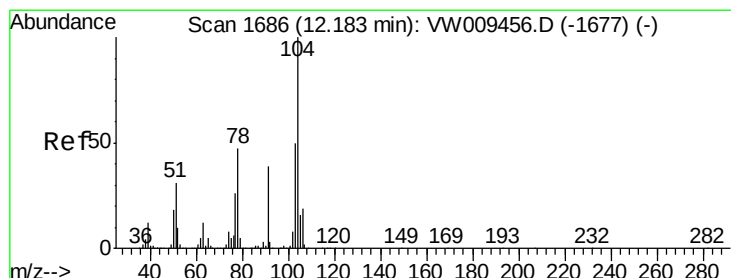
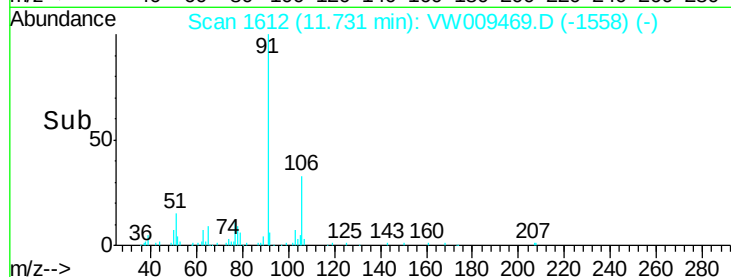
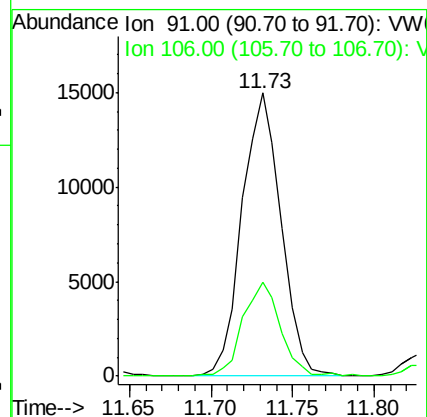
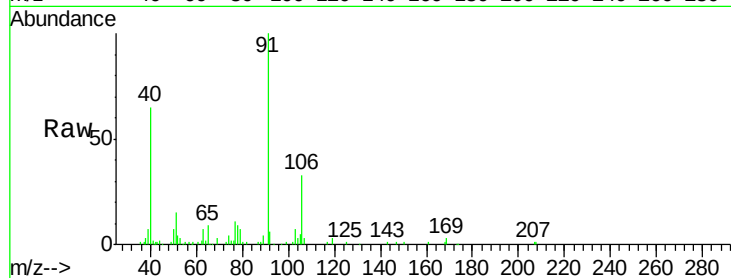
BF5T6RE

Tot Ion: 91 Resp: 24921

Ion Ratio Lower Upper

91 100

106 33.0 21.0 39.0



#56

Styrene

Concen: 3.857 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW009469.D

Acq: 26 Mar 2019 16:18

Tgt Ion: 104 Resp: 40653

Ion Ratio Lower Upper

104 100

78 42.2 30.9 57.3

