

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013792.D
 Acq On : 29 Oct 2019 14:42
 Operator : SY/VA
 Sample : K5535-09
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK31

Quant Time: Oct 30 06:34:09 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	351410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137314	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105744	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
7) Chloroethane-d5	2.89	69	85792	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.28%
10) 1,1-Dichloroethene-d2	4.03	63	159518	16.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.00%
20) 2-Butanone-d5	7.07	46	65633	42.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.12%
24) Chloroform-d	7.65	84	221083	22.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	8.31	65	119065	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.64%
29) Benzene-d6	8.27	84	471645	24.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.00%
33) 1,2-Dichloropropane-d6	9.27	67	141081	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.32	98	424485	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.64%
38) trans-1,3-Dichloropropene-	10.58	79	57658	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.92%
39) 2-Hexanone-d5	10.92	63	52248	47.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.06%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	107101	22.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	110166	22.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.80%

Target Compounds

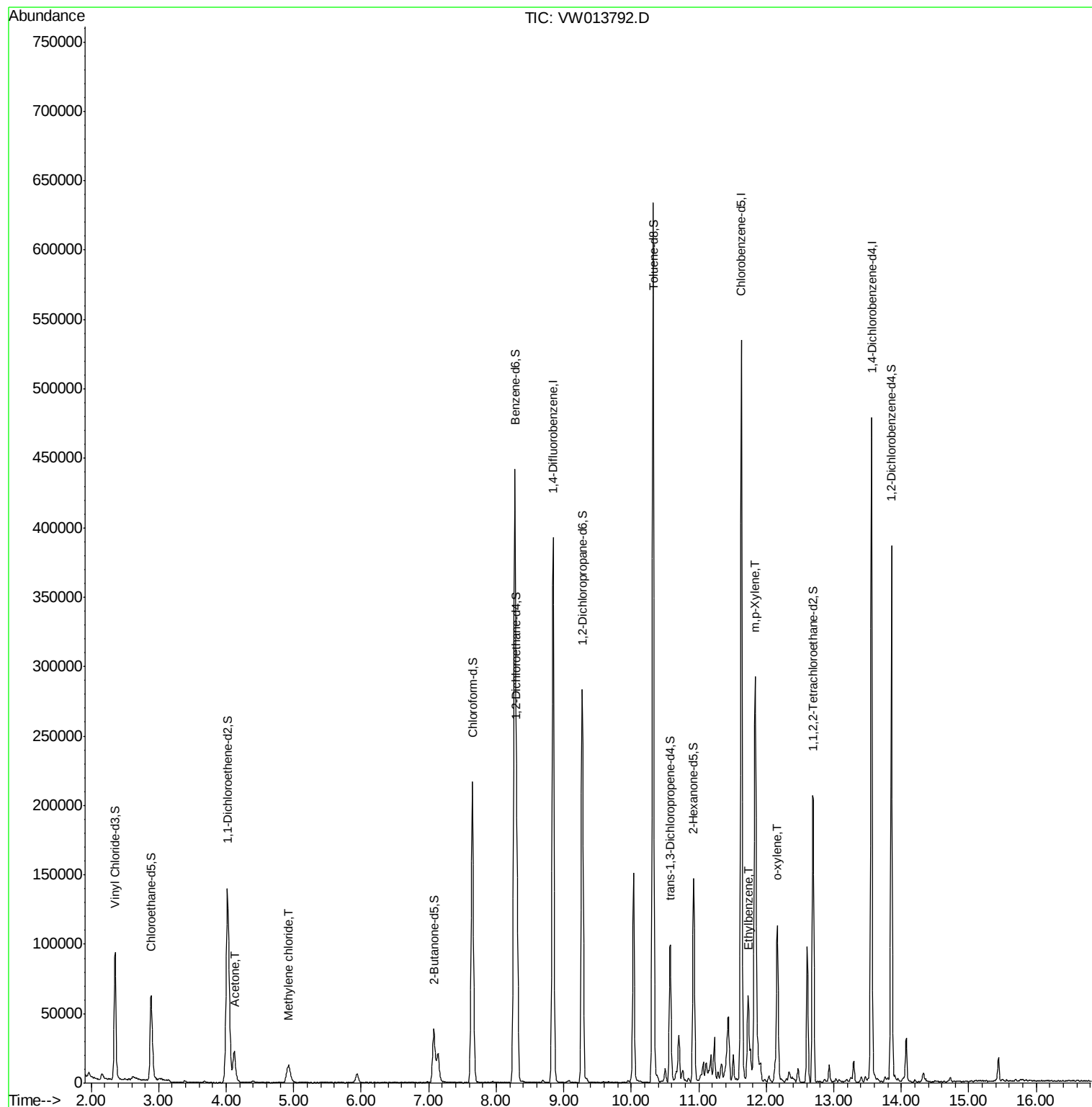
					Ovalue
13) Acetone	4.12	43	38684	22.602	ug/L 97
16) Methylene chloride	4.93	84	13336	1.982	ug/L 83
53) Ethylbenzene	11.73	91	41806	1.532	ug/L 98
54) m,p-Xylene	11.83	106	85756	8.131	ug/L 97
55) o-xylene	12.16	106	30189	3.016	ug/L 97

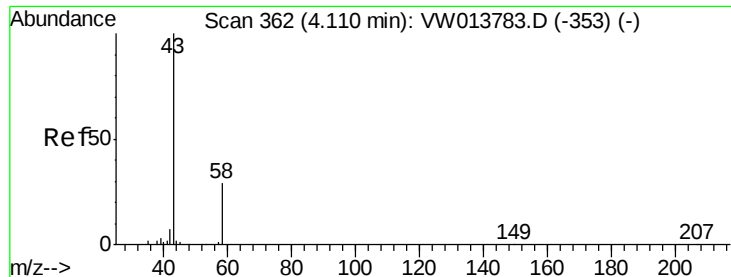
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 22.602 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 29 Oct 2019 14:42

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MSVOA_W

ClientSampleId :

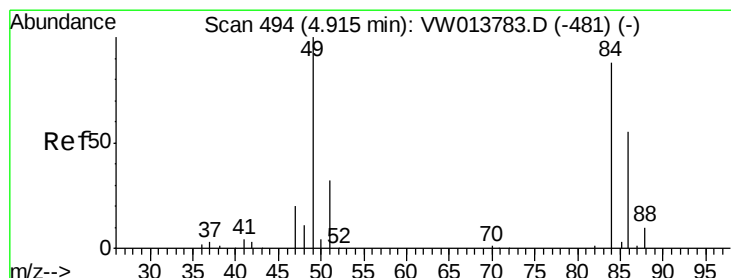
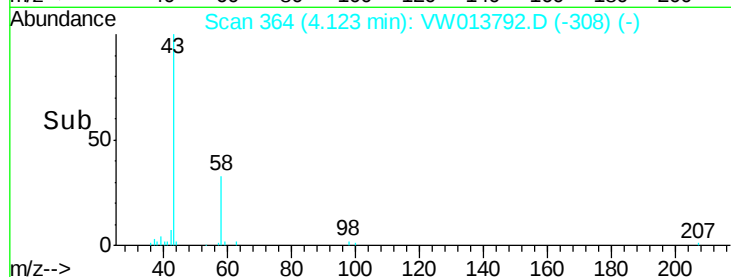
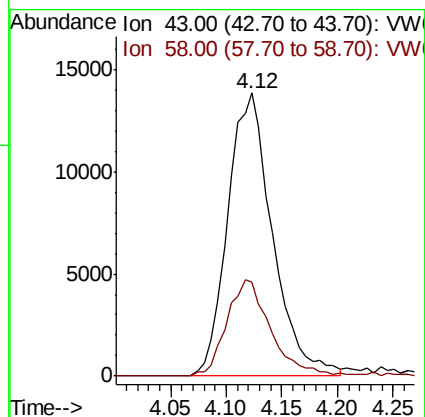
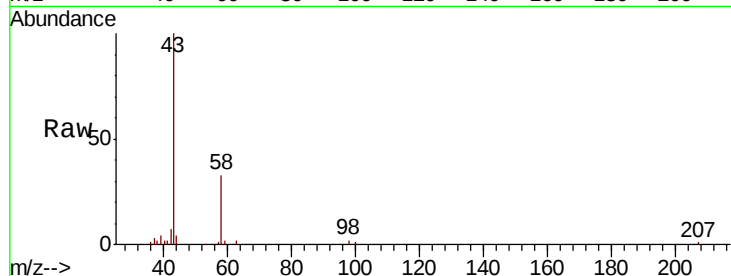
BEK31

Tot Ion: 43 Resp: 38684

Ion Ratio Lower Upper

43 100

58 33.4 0.0 70.4



#16

Methylene chloride

Concen: 1.982 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW013792.D

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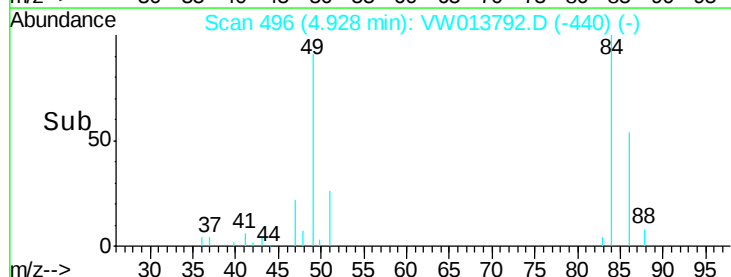
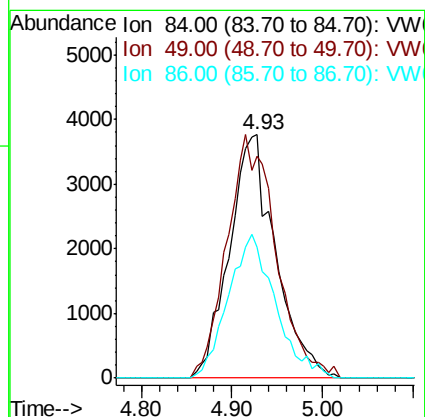
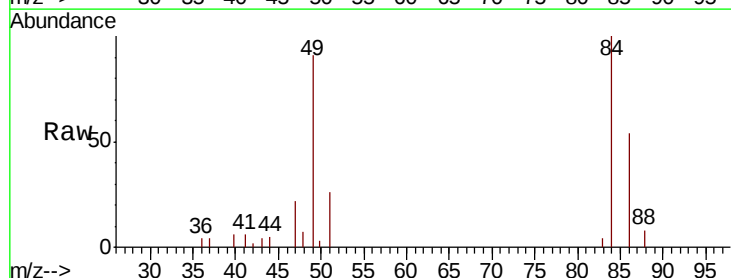
Tgt Ion: 84 Resp: 13336

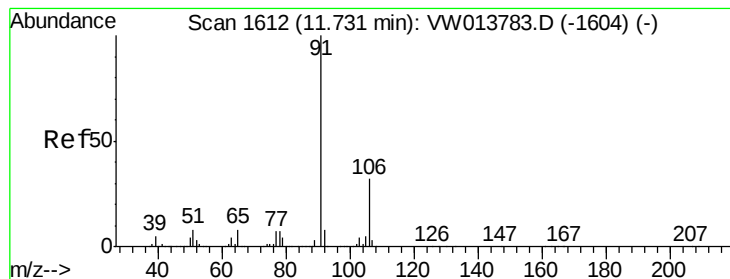
Ion Ratio Lower Upper

84 100

49 91.1 80.2 148.9

86 53.9 42.7 79.3





#53

Ethylbenzene

Concen: 1.532 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

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Acq: 29 Oct 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

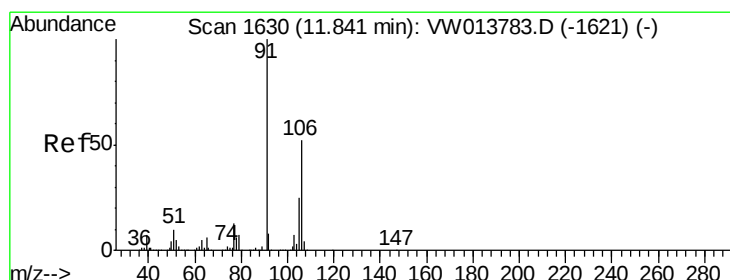
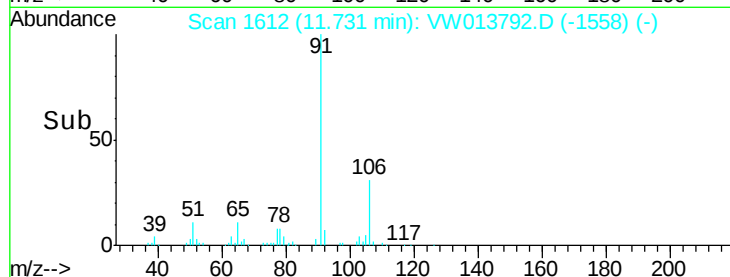
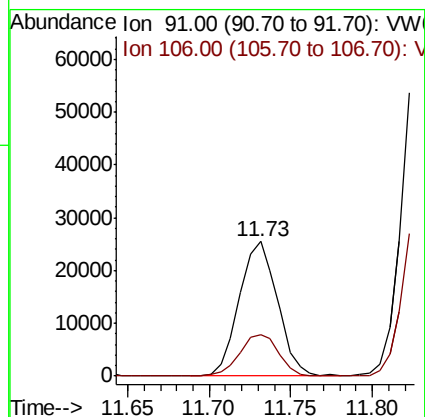
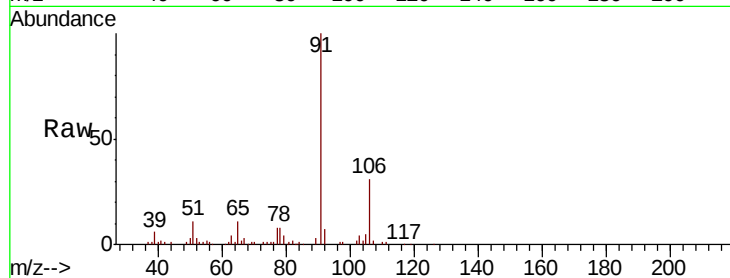
BEK31

Tot Ion: 91 Resp: 41806

Ion Ratio Lower Upper

91 100

106 30.9 22.3 41.3



#54

m,p-Xylene

Concen: 8.131 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW013792.D

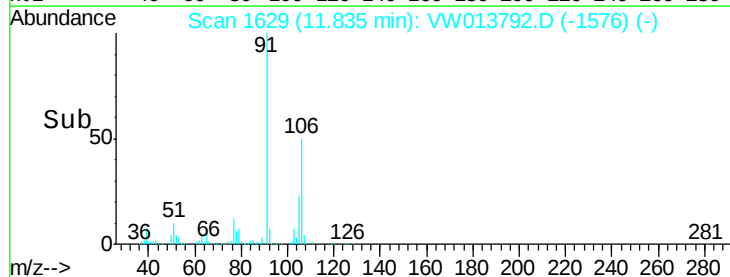
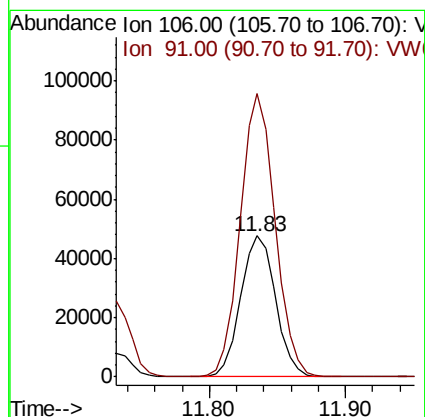
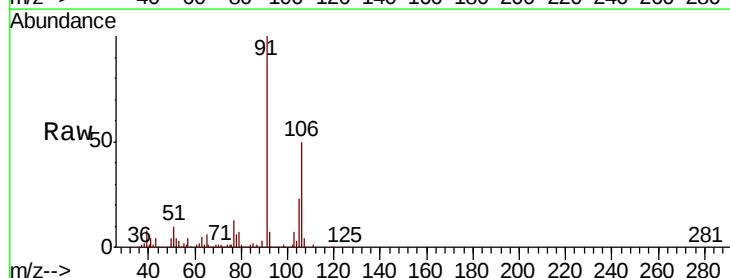
Acq: 29 Oct 2019 14:42

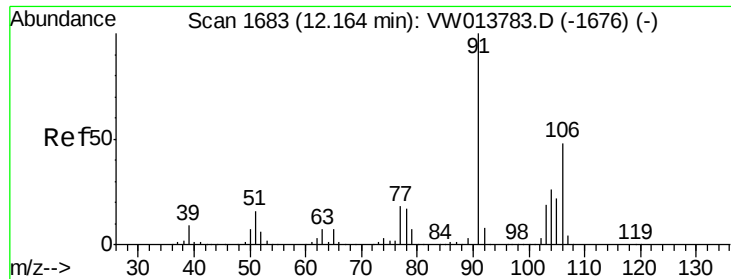
Tgt Ion: 106 Resp: 85756

Ion Ratio Lower Upper

106 100

91 201.0 137.7 255.7





#55
o-xylene
Concen: 3.016 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013792.D
Acq: 29 Oct 2019 14:42

Instrument :
MSVOA_W
ClientSampleId :
BEK31

Tot Ion:106 Resp: 30189
Ion Ratio Lower Upper
106 100
91 202.4 144.8 269.0

