

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014810.D
 Acq On : 30 Jan 2020 13:55
 Operator : SY/VA
 Sample : L1271-11
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT02

Manual Integrations
 APPROVED

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 1/31/2020 4:22:29 PM

Quant Time: Jan 31 01:33:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 01:08:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	147917	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	144076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	38849	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54080	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
7) Chloroethane-d5	2.89	69	51606	25.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.68%
10) 1,1-Dichloroethene-d2	4.01	63	81221	19.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.64%
20) 2-Butanone-d5	7.08	46	30852	46.38	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.76%
24) Chloroform-d	7.65	84	110707	27.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.44%
26) 1,2-Dichloroethane-d4	8.30	65	66809	30.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.52%
29) Benzene-d6	8.27	84	206769	22.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.20%
33) 1,2-Dichloropropane-d6	9.27	67	73276	26.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.00%
37) Toluene-d8	10.32	98	156484	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.48%
38) trans-1,3-Dichloropropene-	10.58	79	25420	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.52%
39) 2-Hexanone-d5	10.93	63	18424	34.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	49839	22.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	36012	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
13) Acetone	4.12	43	5435m	7.628	ug/L
16) Methylene chloride	4.91	84	10777	4.311	ug/L
44) Toluene	10.38	91	14688	1.567	ug/L
56) Styrene	12.18	104	1981	0.325	ug/L #

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

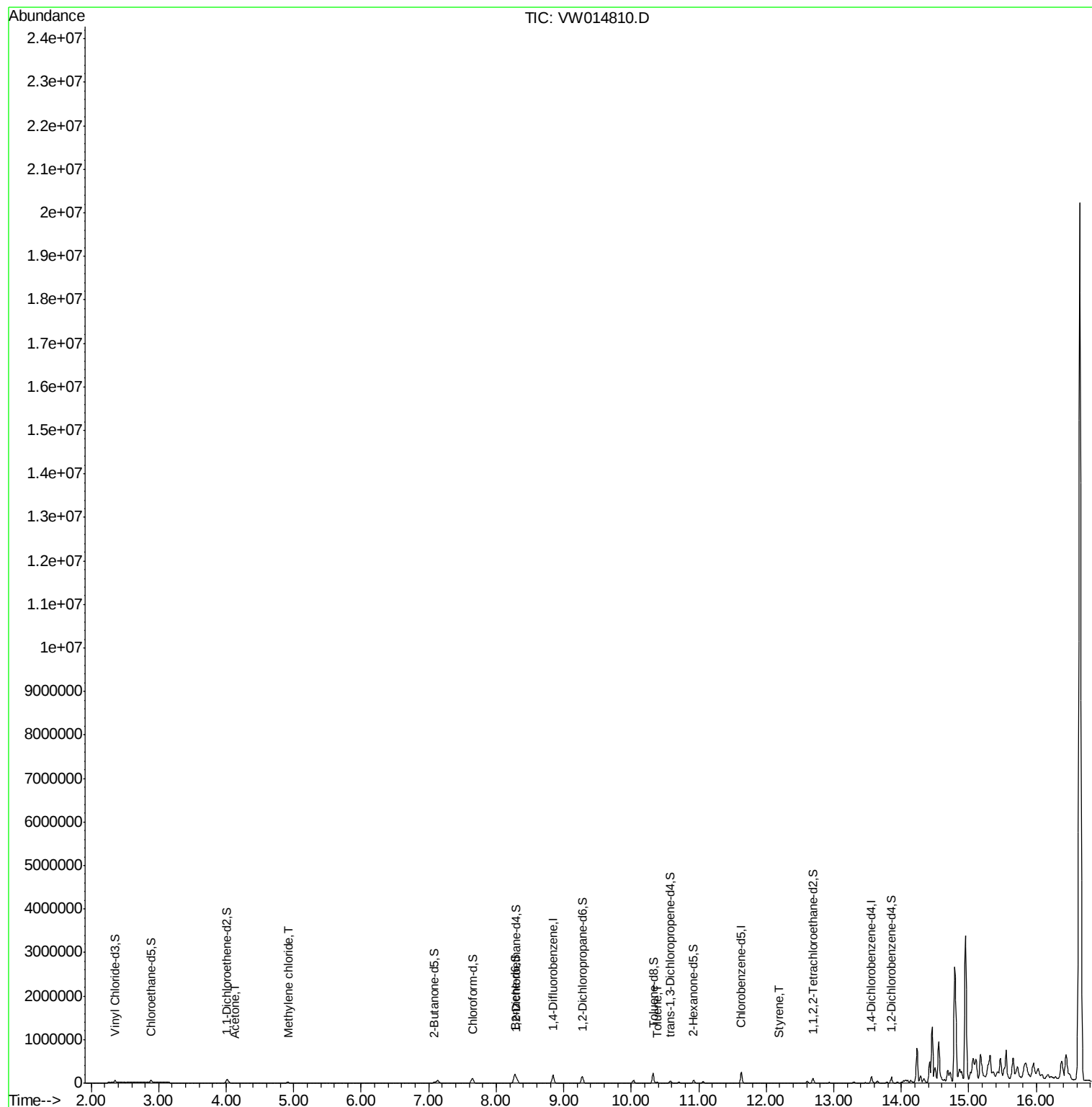
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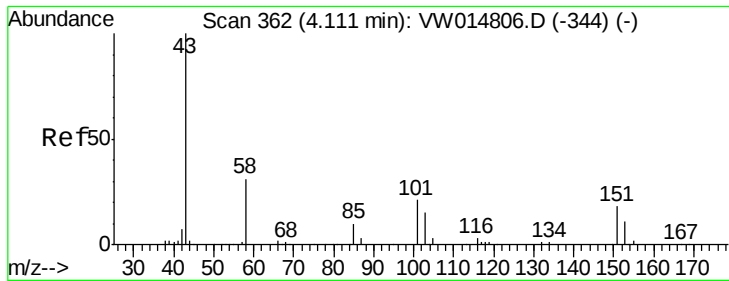
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Jan 31 01:08:17 2020
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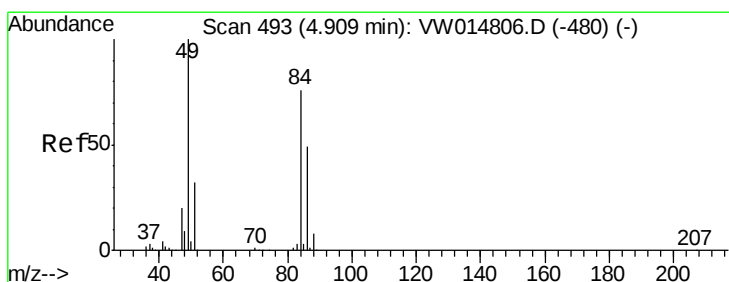
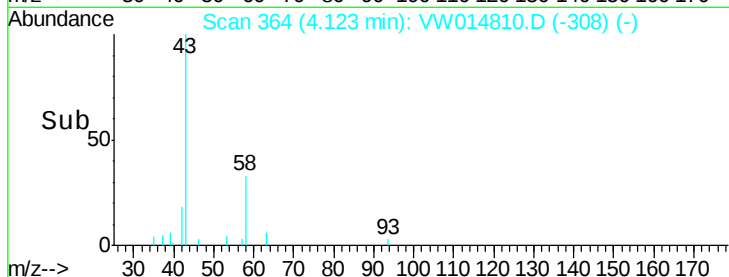
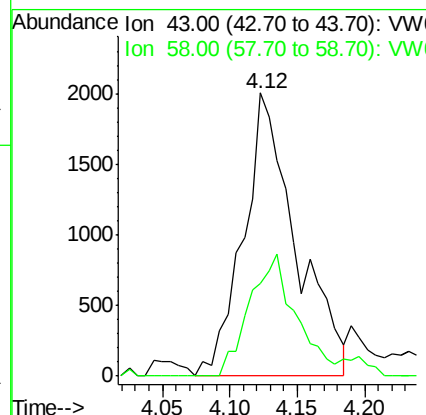
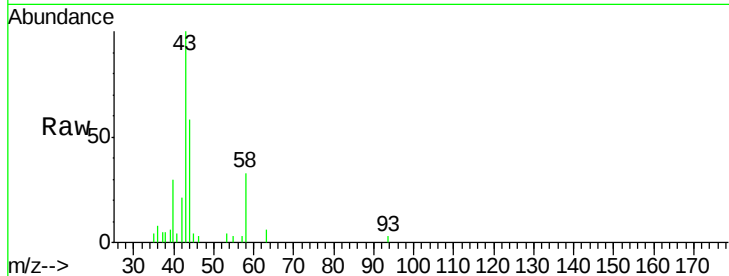
#13
Acetone
Concen: 7.628 ug/L m
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
GAT02

Tot Ion	43	Resp	5435
Ion Ratio	100	Lower	Upper
43	100	0.0	64.6
58	38.0		

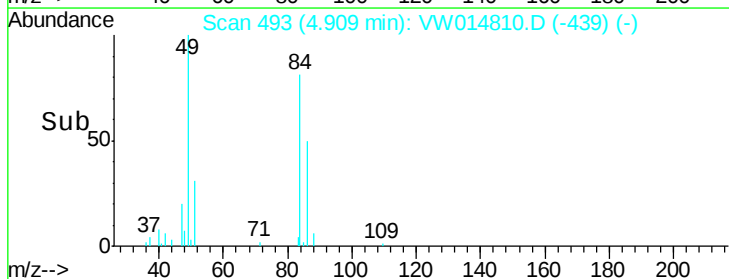
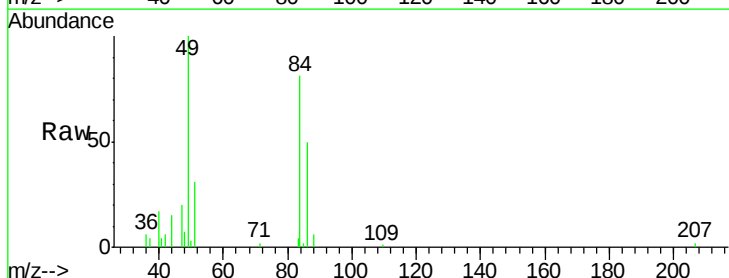
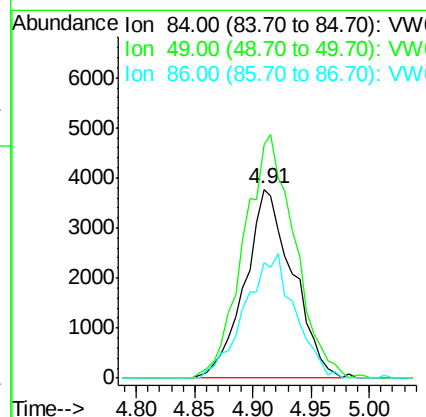
Manual Integrations
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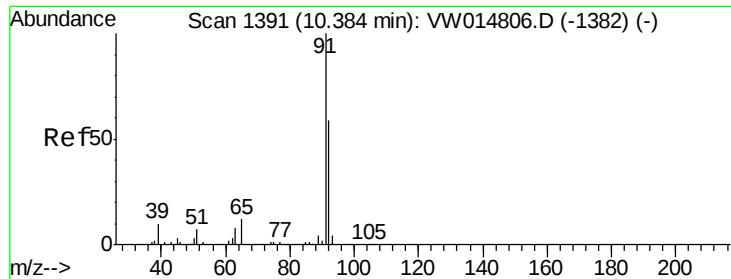
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#16
Methylene chloride
Concen: 4.311 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Tgt Ion	84	Resp	10777
Ion Ratio	100	Lower	Upper
84	100	90.9	168.7
49	123.6		
86	61.5	43.5	80.7





#44

Toluene

Concen: 1.567 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014810.D

Acq: 30 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

GAT02

Tot Ion: 91 Resp: 14688

Ion Ratio Lower Upper

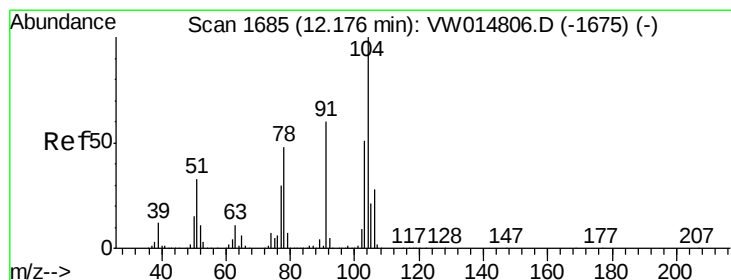
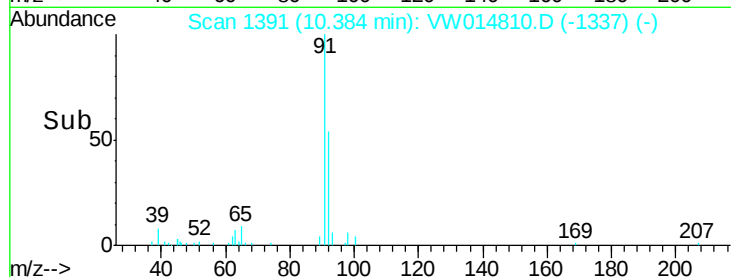
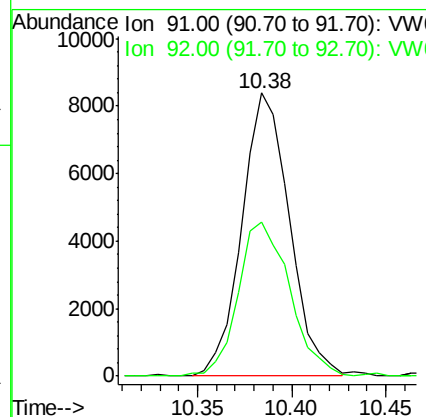
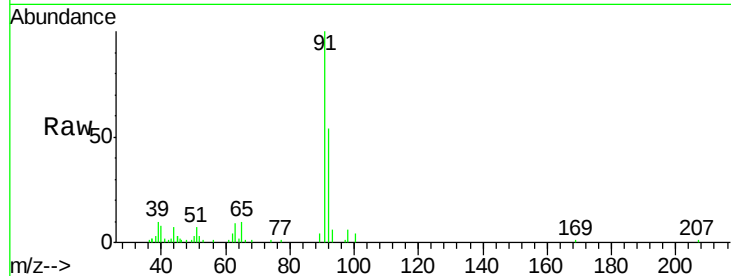
91 100

92 54.3 40.7 75.7

Manual Integrations
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#56

Styrene

Concen: 0.325 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VW014810.D

Acq: 30 Jan 2020 13:55

Tgt Ion: 104 Resp: 1981

Ion Ratio Lower Upper

104 100

78 29.0 32.0 59.4#

