

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013749.D
 Acq On : 25 Oct 2019 15:40
 Operator : SY/VA
 Sample : K5549-05
 Misc : 2.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ58

Manual Integrations
 APPROVED

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 10/28/2019 9:41:20 AM

Quant Time: Oct 26 05:28:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	392600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390116	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220562	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133427	27.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.80%
7) Chloroethane-d5	2.89	69	111222	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.96%
10) 1,1-Dichloroethene-d2	4.02	63	207957	19.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.20%
20) 2-Butanone-d5	7.08	46	92469	53.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.34%
24) Chloroform-d	7.65	84	282813	25.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.96%
26) 1,2-Dichloroethane-d4	8.31	65	157609	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	8.27	84	608188	25.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.80%
33) 1,2-Dichloropropane-d6	9.27	67	185416	26.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.96%
37) Toluene-d8	10.32	98	565967	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.72%
38) trans-1,3-Dichloropropene-	10.58	79	82415	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.40%
39) 2-Hexanone-d5	10.93	63	80548	60.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159849	27.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	210167	26.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.84%

Target Compounds					Ovalue
13) Acetone	4.14	43	6501	3.400 ug/L	68
15) Methyl Acetate	4.68	43	9425m	3.017 ug/L	
44) Toluene	10.39	91	27887	0.927 ug/L	100

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

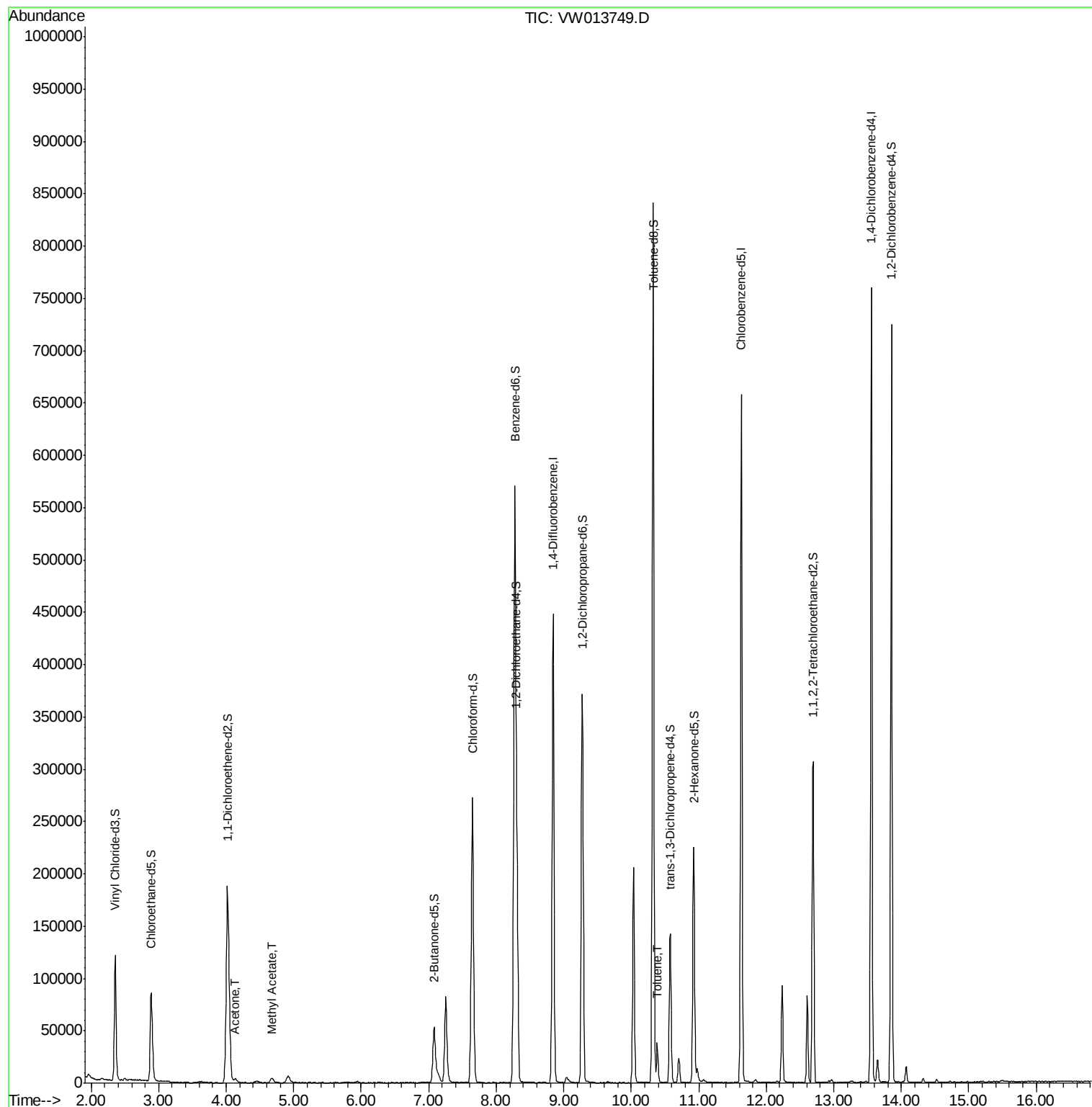
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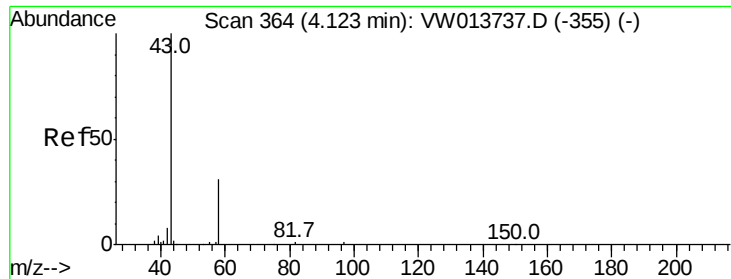
Instrument :
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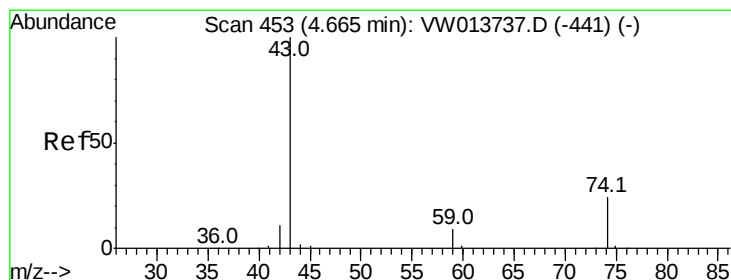
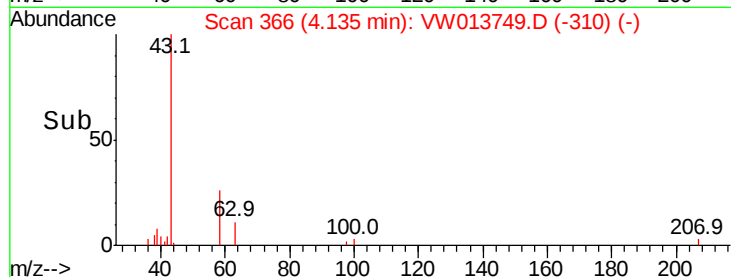
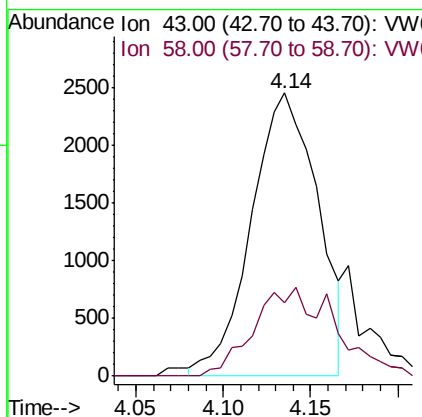
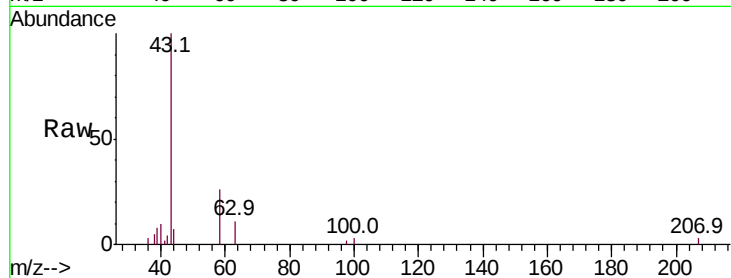
#13
Acetone
Concen: 3.400 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW013749.D
Acq: 25 Oct 2019 15:40

Instrument :
MSVOA_W
ClientSampleId :
GAQ58

Tot Ion: 43 Resp: 6501
Ion Ratio Lower Upper
43 100
58 16.7 0.0 70.4

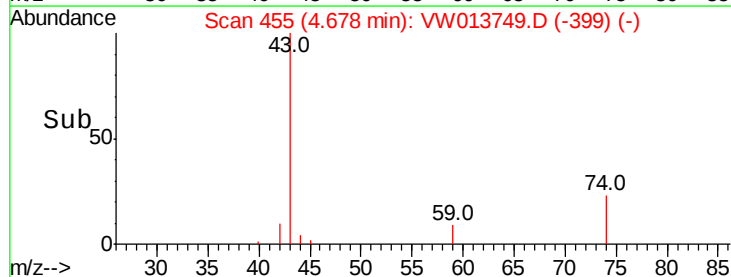
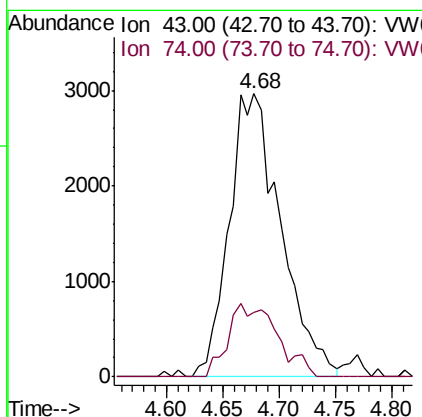
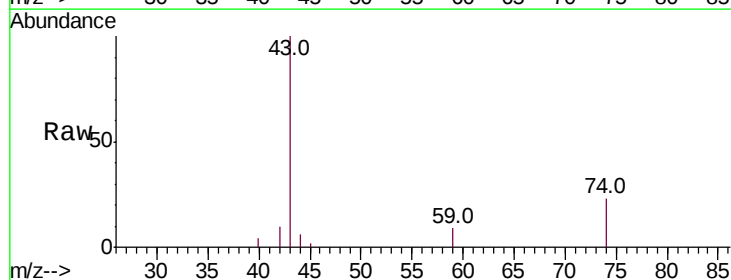
Manual Integrations
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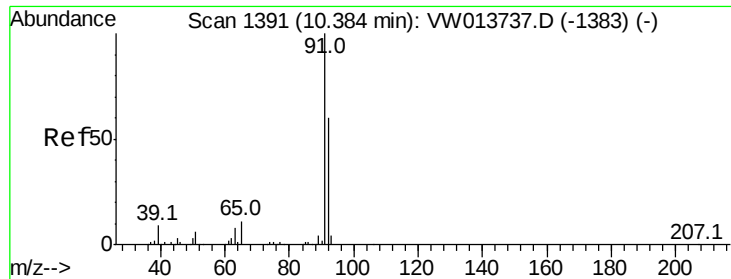
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#15
Methyl Acetate
Concen: 3.017 ug/L m
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013749.D
Acq: 25 Oct 2019 15:40

Tgt Ion: 43 Resp: 9425
Ion Ratio Lower Upper
43 100
74 5.8 19.2 28.8#





#44
Toluene
Concen: 0.927 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW013749.D
Acq: 25 Oct 2019 15:40

Instrument :
MSVOA_W
ClientSampleId :
GAQ58

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.3	42.0	78.0

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