

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111319\
 Data File : VV013607.D
 Acq On : 13 Nov 2019 16:52
 Operator : SY/MD
 Sample : K5815-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5460

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 11:15:04 AM

Quant Time: Nov 14 06:32:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 14 06:01:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	379051	5.00	ug/L	-0.02
28) Chlorobenzene-d5	8.91	117	335283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	132198	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.36	65	110452	4.54	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.62	69	89008	4.59	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.16	63	139332	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.04	46	243791	55.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.82%
24) Chloroform-d	4.43	84	187666	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.10	65	93121	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.11	84	366392	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.15	67	132477	4.78	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.40	98	321495	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.70	79	43399	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.16	63	187809	45.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91108	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	122010	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

					Ovalue
13) Acetone	2.30	43	10406m	3.691	ug/L
17) Methyl tert-butyl Ether	2.86	73	28511	0.553	ug/L # 95
68) 1,2,4-trichlorobenzene	13.31	180	3076	0.115	ug/L # 91
70) 1,2,3-Trichlorobenzene	13.79	180	2320	0.093	ug/L # 94

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

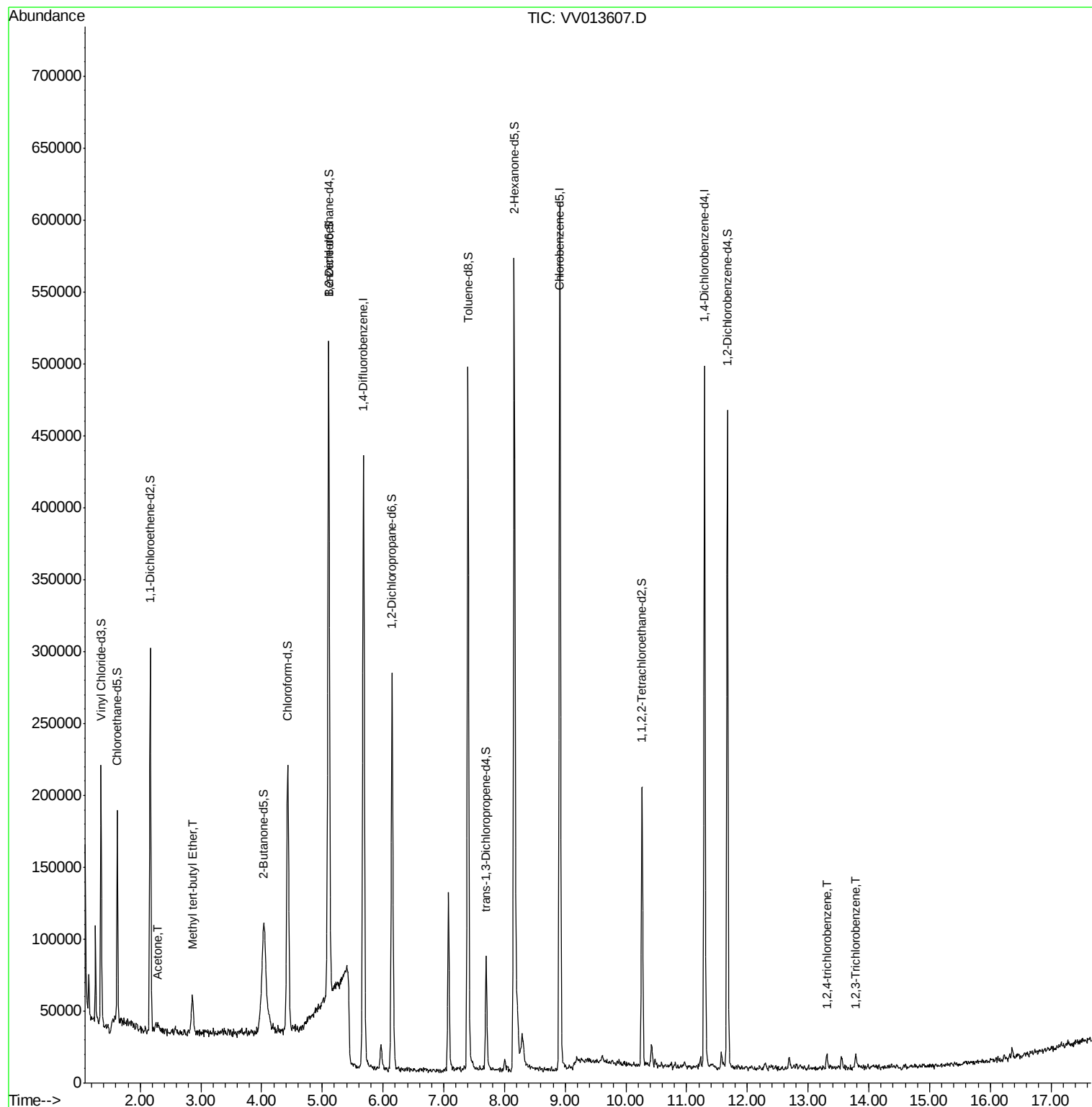
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111319\
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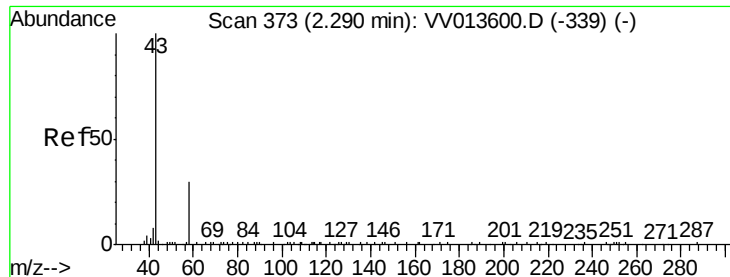
Instrument :
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ClientSampleId :
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Quant Time: Nov 14 06:32:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 06:01:41 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.691 ug/L m

RT: 2.30 min Scan# 376

Delta R.T. 0.01 min

Lab File: VV013607.D

Acq: 13 Nov 2019 16:52

Tot Ion: 43 Resp: 10406

Ion Ratio Lower Upper

43 100

58 3.2 0.0 28.8

Instrument :

MSVOA_V

ClientSampleId :

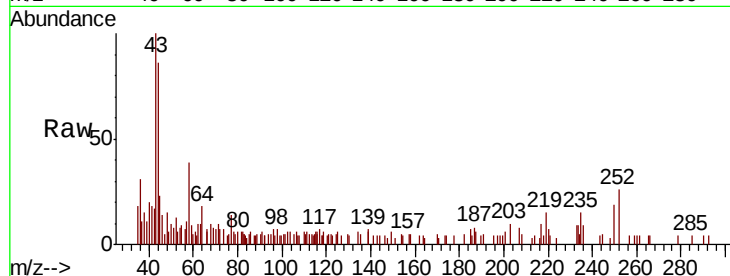
A5460

Manual Integrations

APPROVED

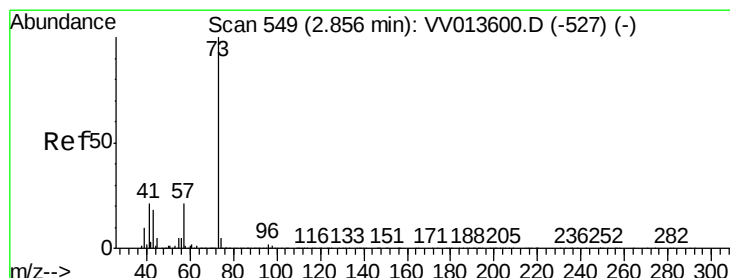
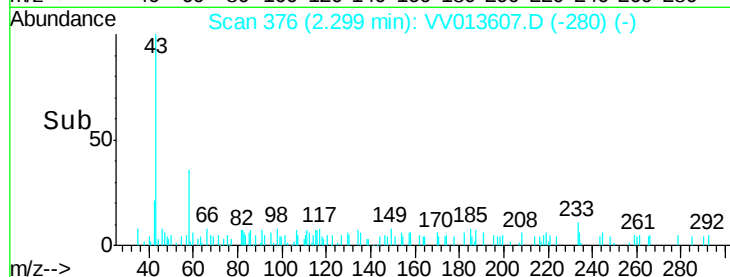
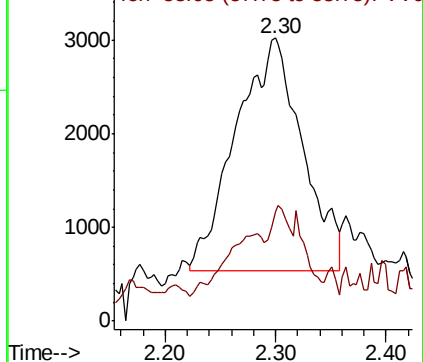
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11/14/2019 11:15:04 AM



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#17

Methyl tert-butyl Ether

Concen: 0.553 ug/L

RT: 2.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: VV013607.D

Acq: 13 Nov 2019 16:52

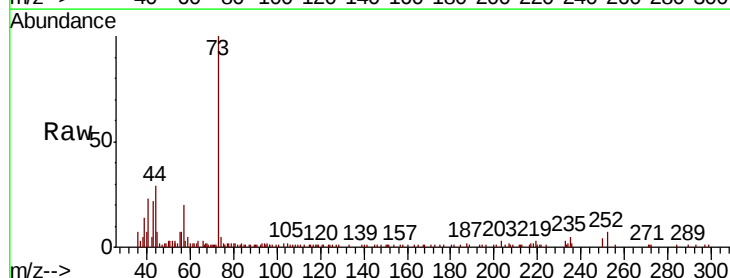
Tgt Ion: 73 Resp: 28511

Ion Ratio Lower Upper

73 100

43 22.4 14.8 22.2#

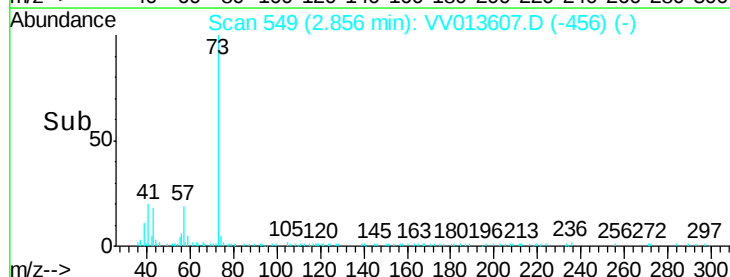
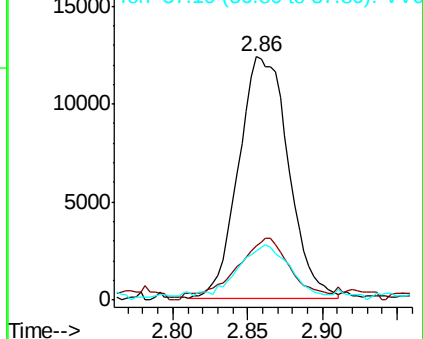
57 21.3 16.3 24.5

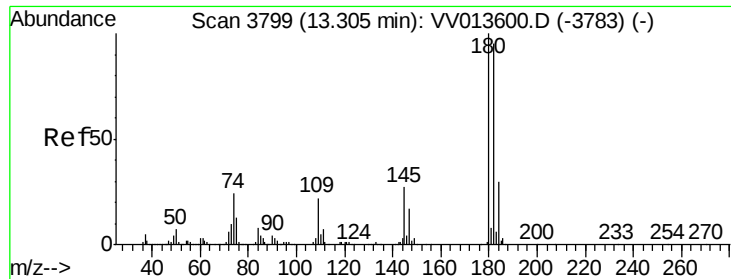


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0





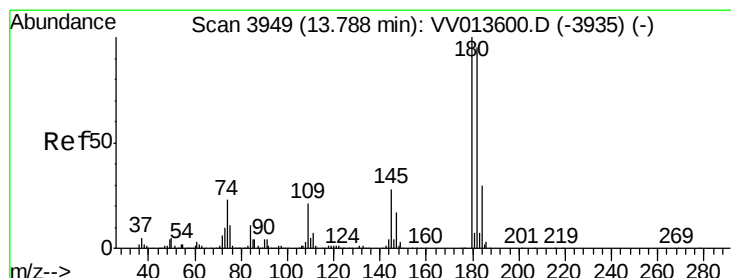
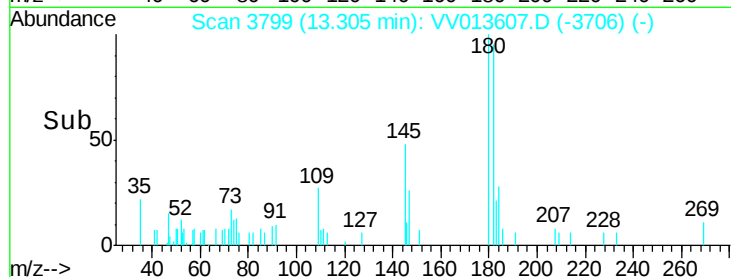
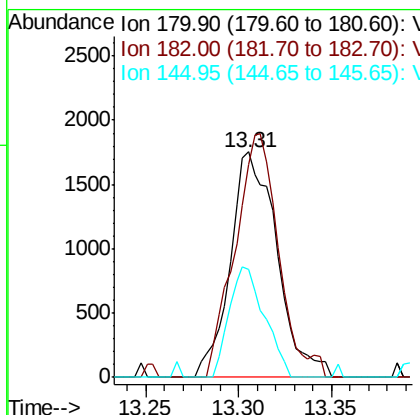
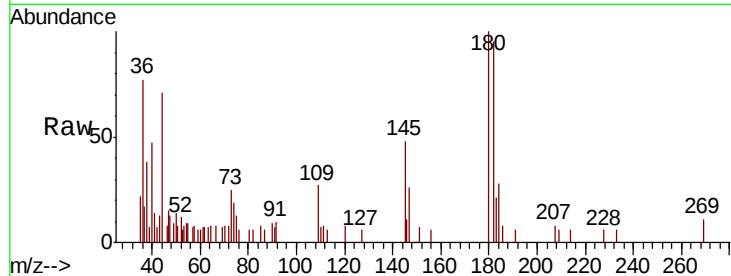
#68
 1,2,4-trichlorobenzene
 Concen: 0.115 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV013607.D
 Acq: 13 Nov 2019 16:52

Instrument :
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Tot Ion	Ratio	Lower	Upper
180	100		
182	100.6	75.7	113.5
145	36.8	21.9	32.9#

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#70
 1,2,3-Trichlorobenzene
 Concen: 0.093 ug/L
 RT: 13.79 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: VV013607.D
 Acq: 13 Nov 2019 16:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.4	113.2
145	39.4	22.6	33.8#

