

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U110619\
 Data File : VU035647.D
 Acq On : 06 Nov 2019 15:11
 Operator : JC/SP
 Sample : K5716-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE894

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 8:35:12 AM

Quant Time: Nov 07 06:13:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 04:46:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	627532	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	609948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	175897	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	168379	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.44%
7) Chloroethane-d5	1.94	69	161998	40.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.04%
11) 1,1-Dichloroethene-d2	2.60	63	229794m	29.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.30%#
21) 2-Butanone-d5	4.69	46	268877	90.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.82%
24) Chloroform-d	5.12	84	357955	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
26) 1,2-Dichloroethane-d4	5.75	65	223555	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
32) Benzene-d6	5.77	84	728485	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	6.74	67	244839	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.98%
41) Toluene-d8	7.93	98	662410	44.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.34%
43) trans-1,3-Dichloropropene-	8.21	79	106822	44.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.96%
47) 2-Hexanone-d5	8.68	63	169738	85.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.90%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	330687	45.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	177031	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds					Qvalue
13) Acetone	2.67	43	17265	6.628 ug/L	96
22) 2-Butanone	4.78	43	10263	2.985 ug/L	99
46) Tetrachloroethene	8.58	164	5721	1.570 ug/L	81

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

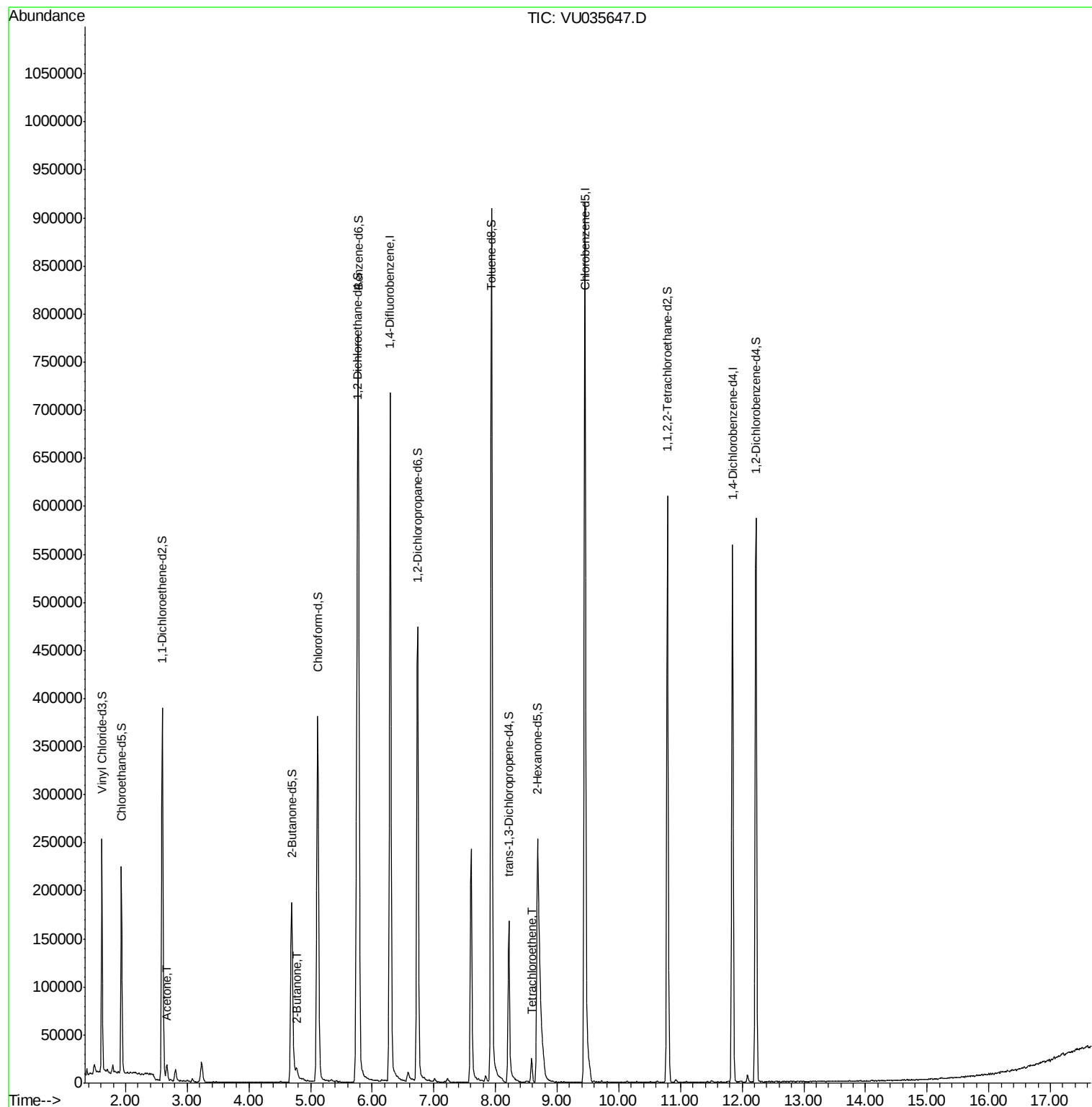
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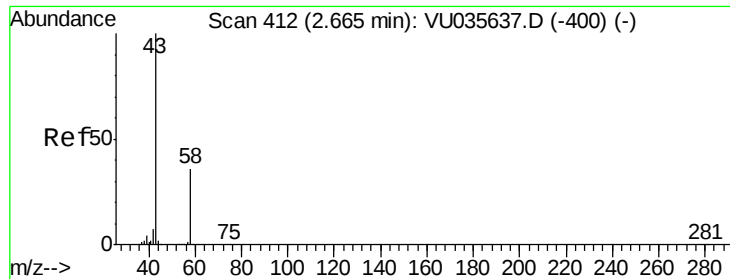
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#13

Acetone

Concen: 6.628 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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Acq: 06 Nov 2019 15:11

Instrument :

MSVOA_U

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BE894

Tgt Ion: 43 Resp: 17265

Ion Ratio Lower Upper

43 100

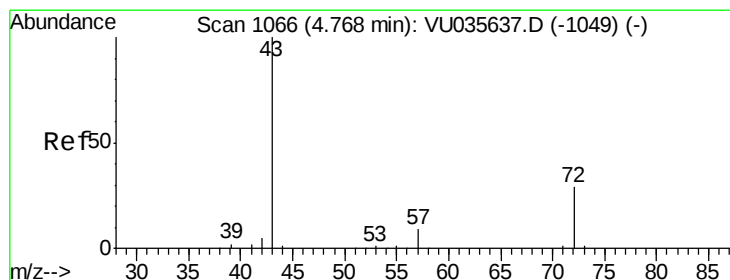
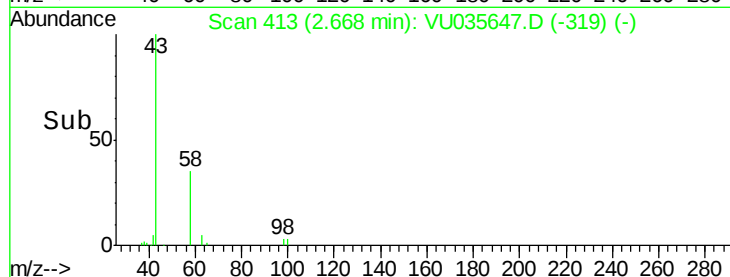
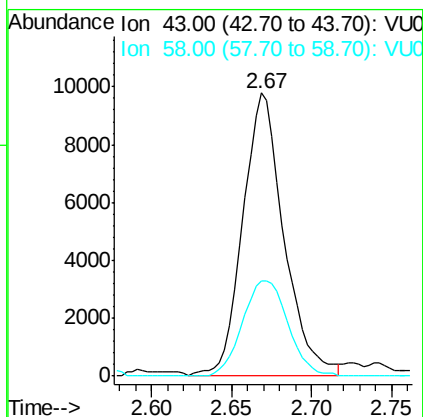
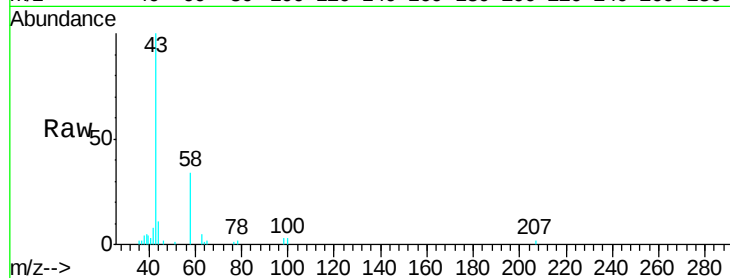
58 37.1 0.0 70.0

Manual Integrations

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#22

2-Butanone

Concen: 2.985 ug/L

RT: 4.78 min Scan# 1069

Delta R.T. 0.01 min

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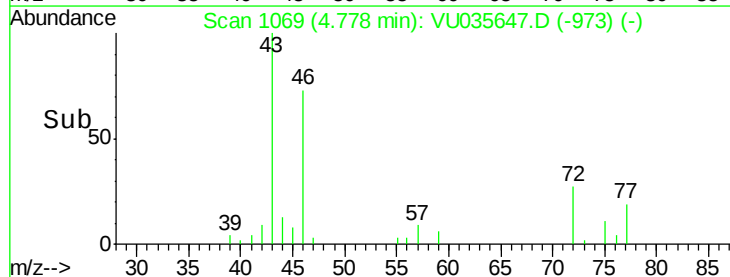
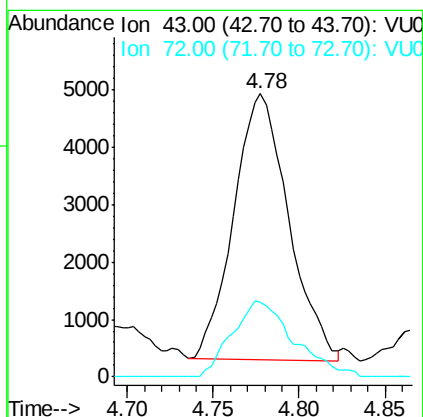
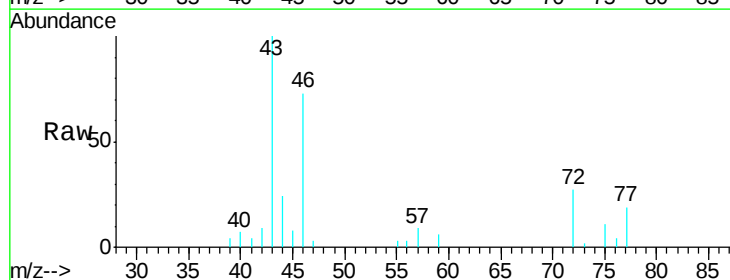
Acq: 06 Nov 2019 15:11

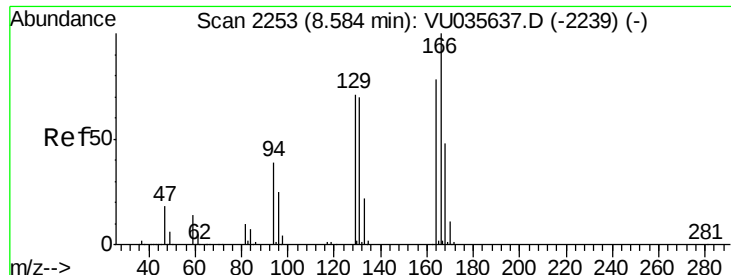
Tgt Ion: 43 Resp: 10263

Ion Ratio Lower Upper

43 100

72 26.2 13.5 40.4





#46

Tetrachloroethene

Concen: 1.570 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035647.D

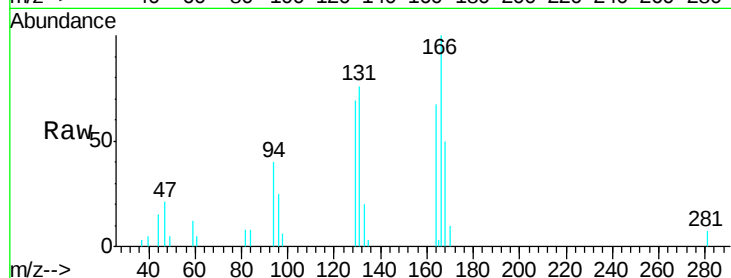
Acq: 06 Nov 2019 15:11

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Tgt Ion:164 Resp: 5721

Ion Ratio Lower Upper

164 100

129 103.0 64.1 119.1

131 112.9 63.1 117.1

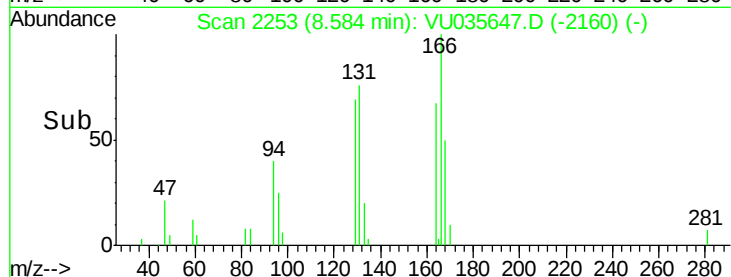
166 148.4 88.5 164.3

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

