

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080518\
 Data File : VU025869.D
 Acq On : 04 Aug 2018 13:27
 Operator : MD/SY
 Sample : J4340-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F87

Quant Time: Aug 06 01:31:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 06 01:30:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	302152	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140711	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67840	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.66%
7) Chloroethane-d5	1.68	69	59023	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.96%
11) 1,1-Dichloroethene-d2	2.27	63	117001	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	4.18	46	135408	101.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.68%
24) Chloroform-d	4.65	84	171244	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.31	65	119236	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
32) Benzene-d6	5.35	84	332976	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
36) 1,2-Dichloropropane-d6	6.34	67	106177	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.30%
41) Toluene-d8	7.57	98	304622	42.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.12%
43) trans-1,3-Dichloropropene-	7.85	79	54042	43.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.98%
47) 2-Hexanone-d5	8.31	63	98253	97.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.57%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153626	45.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	128968	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%

Target Compounds

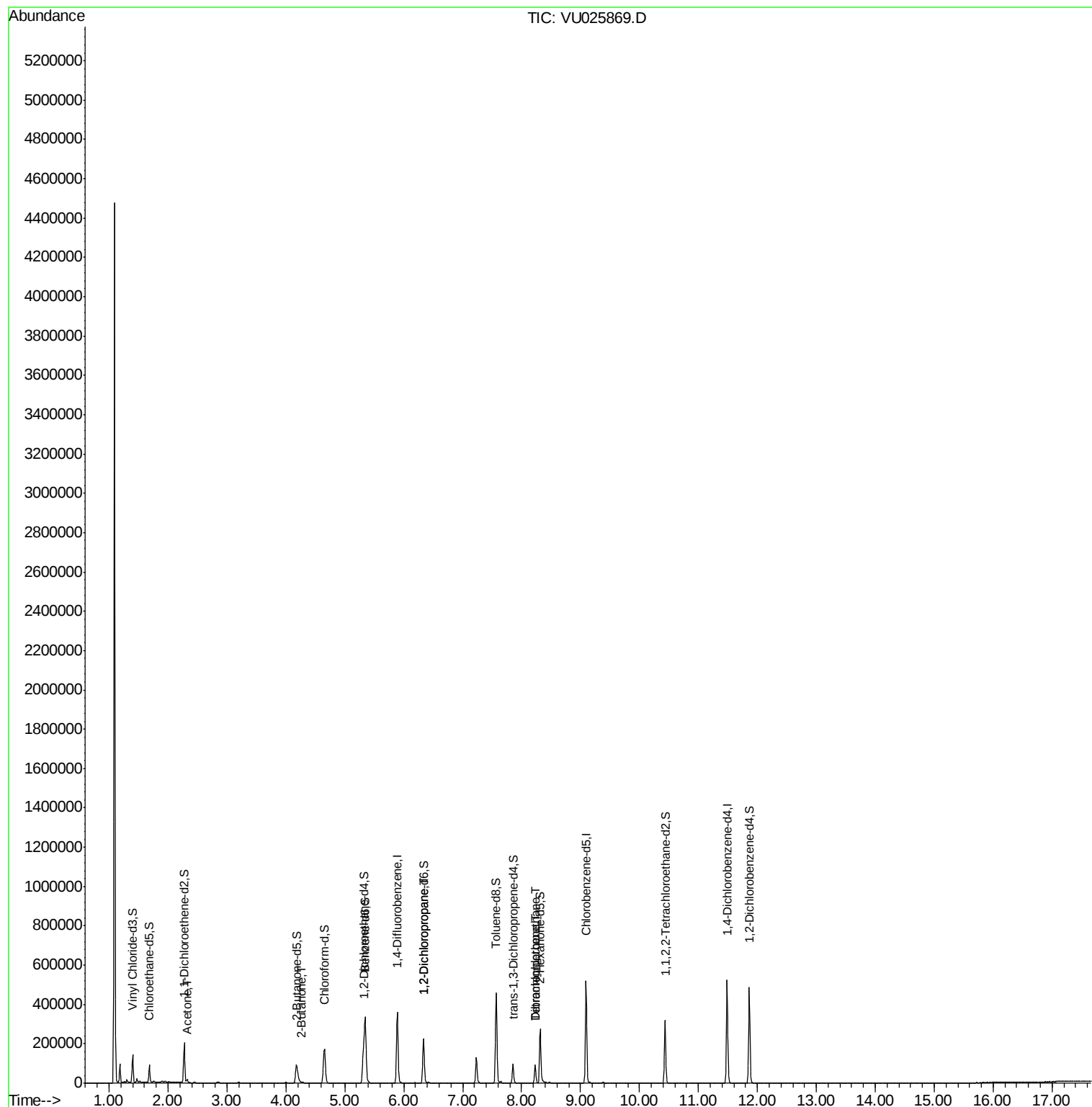
					Qvalue
13) Acetone	2.32	43	18134	11.601 ug/L	99
22) 2-Butanone	4.28	43	2971	1.707 ug/L	93
37) 1,2-Dichloropropane	6.34	63	12258	5.364 ug/L #	88
46) Tetrachloroethene	8.23	164	21020	10.928 ug/L	99
49) Dibromochloromethane	8.23	129	18777	7.303 ug/L #	11

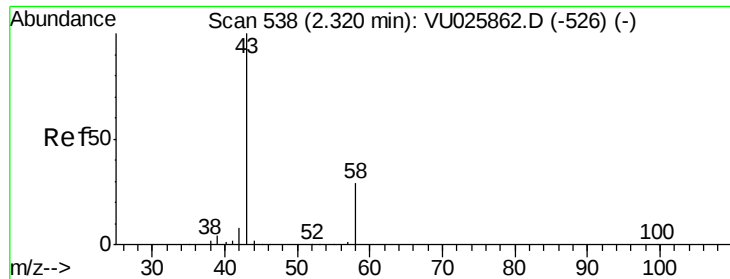
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.601 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025869.D

Acq: 04 Aug 2018 13:27

Instrument :

MSVOA_U

ClientSampleId :

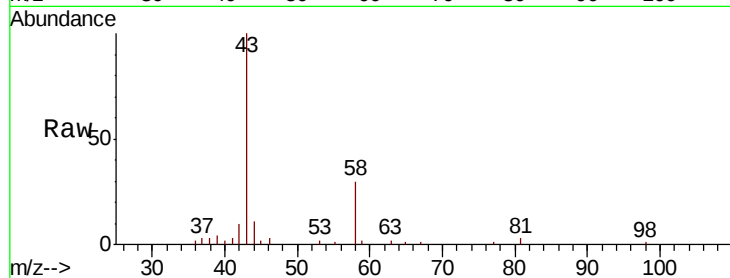
E5F87

Tgt Ion: 43 Resp: 18134

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU025862.D (-526) (-)

Ion 58.00 (57.70 to 58.70): VU025862.D (-526) (-)

12000

10000

8000

6000

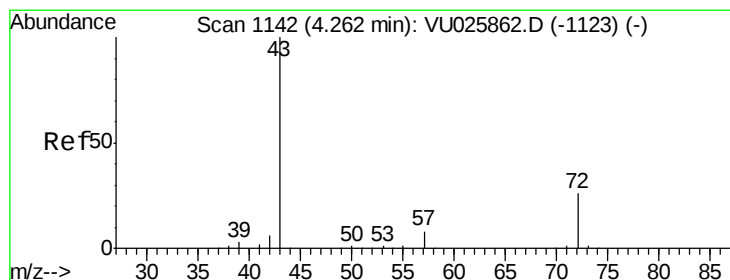
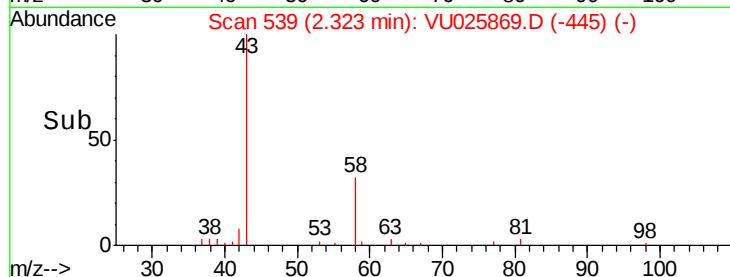
4000

2000

0

2.25 2.30 2.35 2.40

Time-->



#22

2-Butanone

Concen: 1.707 ug/L

RT: 4.28 min Scan# 1147

Delta R.T. 0.02 min

Lab File: VU025869.D

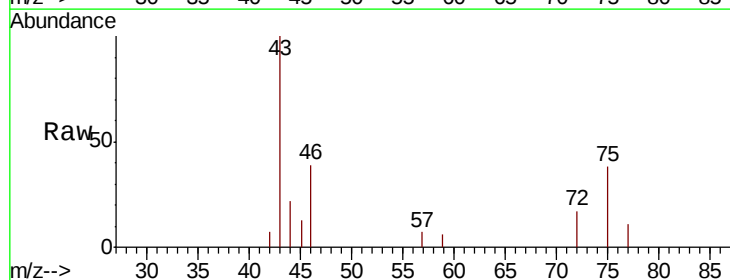
Acq: 04 Aug 2018 13:27

Tgt Ion: 43 Resp: 2971

Ion Ratio Lower Upper

43 100

72 31.0 13.6 40.8



Abundance Ion 43.00 (42.70 to 43.70): VU025862.D (-1123) (-)

Ion 72.00 (71.70 to 72.70): VU025862.D (-1123) (-)

2000

1500

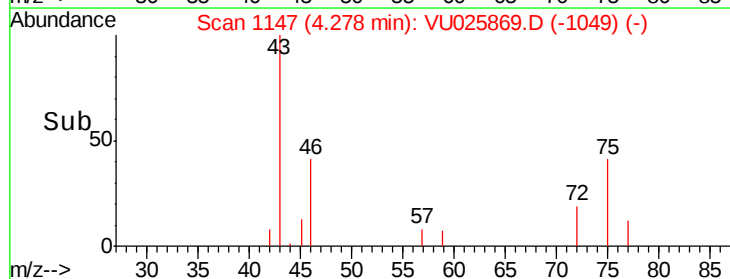
1000

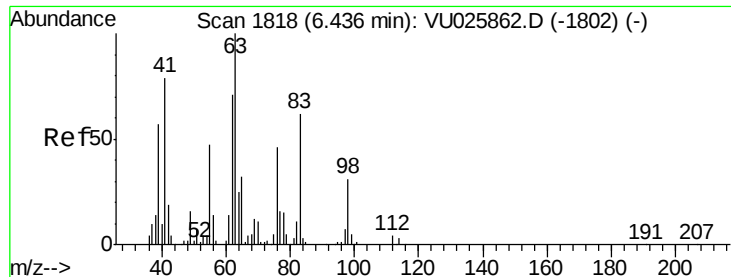
500

0

4.25 4.30

Time-->

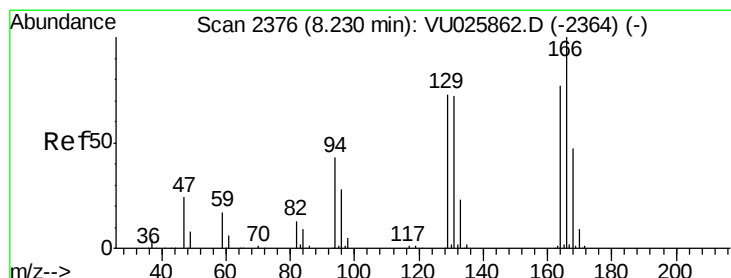
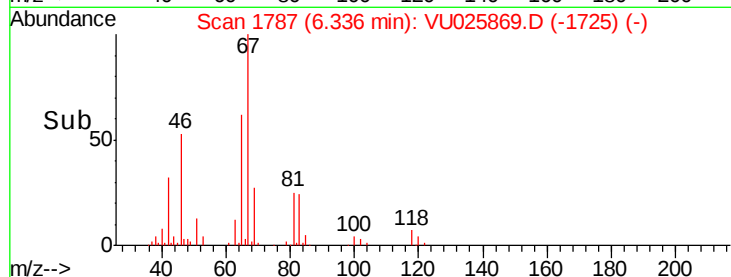
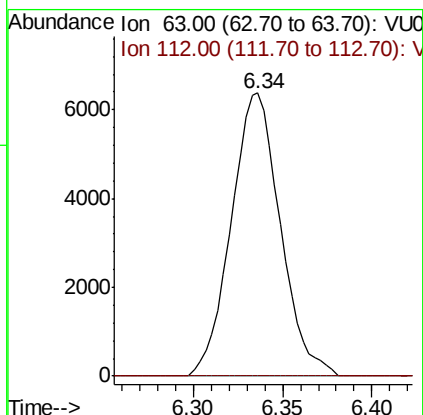
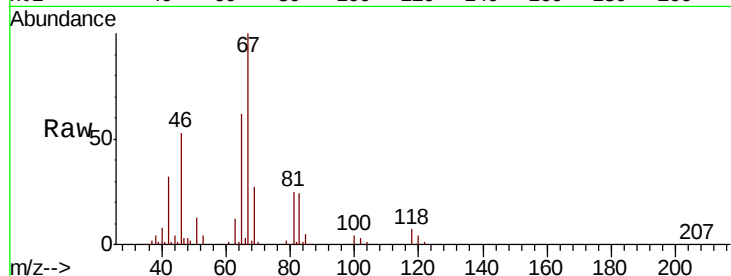




#37
 1,2-Dichloropropane
 Concen: 5.364 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025869.D
 Acq: 04 Aug 2018 13:27

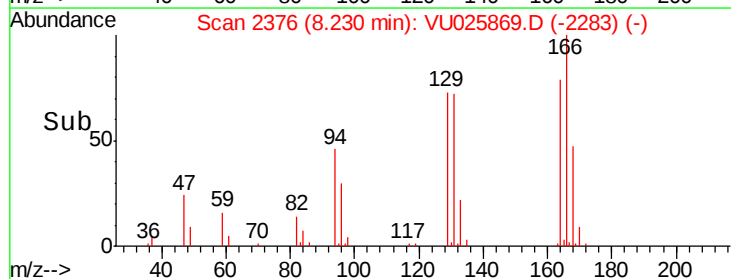
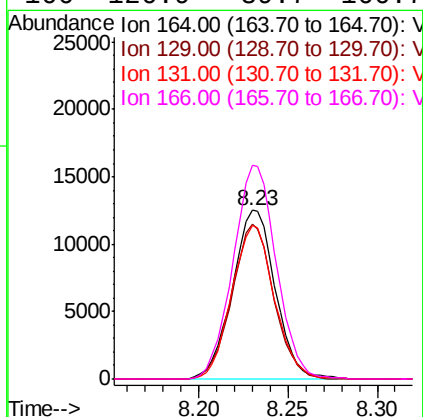
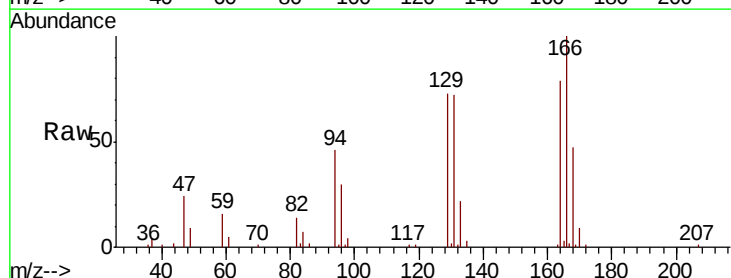
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 MSVOA_U
 ClientSampled :
 E5F87

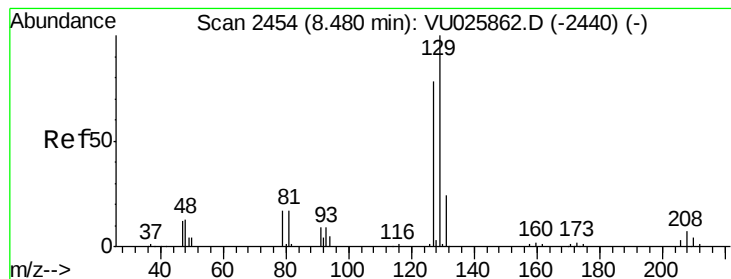
Tgt Ion: 63 Resp: 12258
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#46
 Tetrachloroethene
 Concen: 10.928 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU025869.D
 Acq: 04 Aug 2018 13:27

Tgt Ion: 164 Resp: 21020
 Ion Ratio Lower Upper
 164 100
 129 92.1 65.1 120.9
 131 91.3 62.8 116.6
 166 126.9 89.7 166.7





#49

Dibromochloromethane

Concen: 7.303 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU025869.D

Acq: 04 Aug 2018 13:27

Instrument :

MSVOA_U

ClientSampleId :

E5F87

Tgt Ion:129 Resp: 18777

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

