

Data File : VU029641.D
Acq On : 22 Feb 2019 23:35
Operator : JC/SP
Sample : K1581-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB628

Quant Time: Feb 23 00:06:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	458525	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	444664	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217886	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109869	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.40%
7) Chloroethane-d5	1.68	69	102014	34.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.30%#
11) 1,1-Dichloroethene-d2	2.27	63	159241	24.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.50%#
21) 2-Butanone-d5	4.17	46	189373	92.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.62%
24) Chloroform-d	4.65	84	229981	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.31	65	148299	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
32) Benzene-d6	5.34	84	470882	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.16%
36) 1,2-Dichloropropane-d6	6.33	67	149170	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.62%
41) Toluene-d8	7.56	98	433021	37.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.84%#
43) trans-1,3-Dichloropropene-	7.85	79	67492	37.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.60%
47) 2-Hexanone-d5	8.31	63	161157	85.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	239540	42.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	191619	40.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.62%

Target Compounds

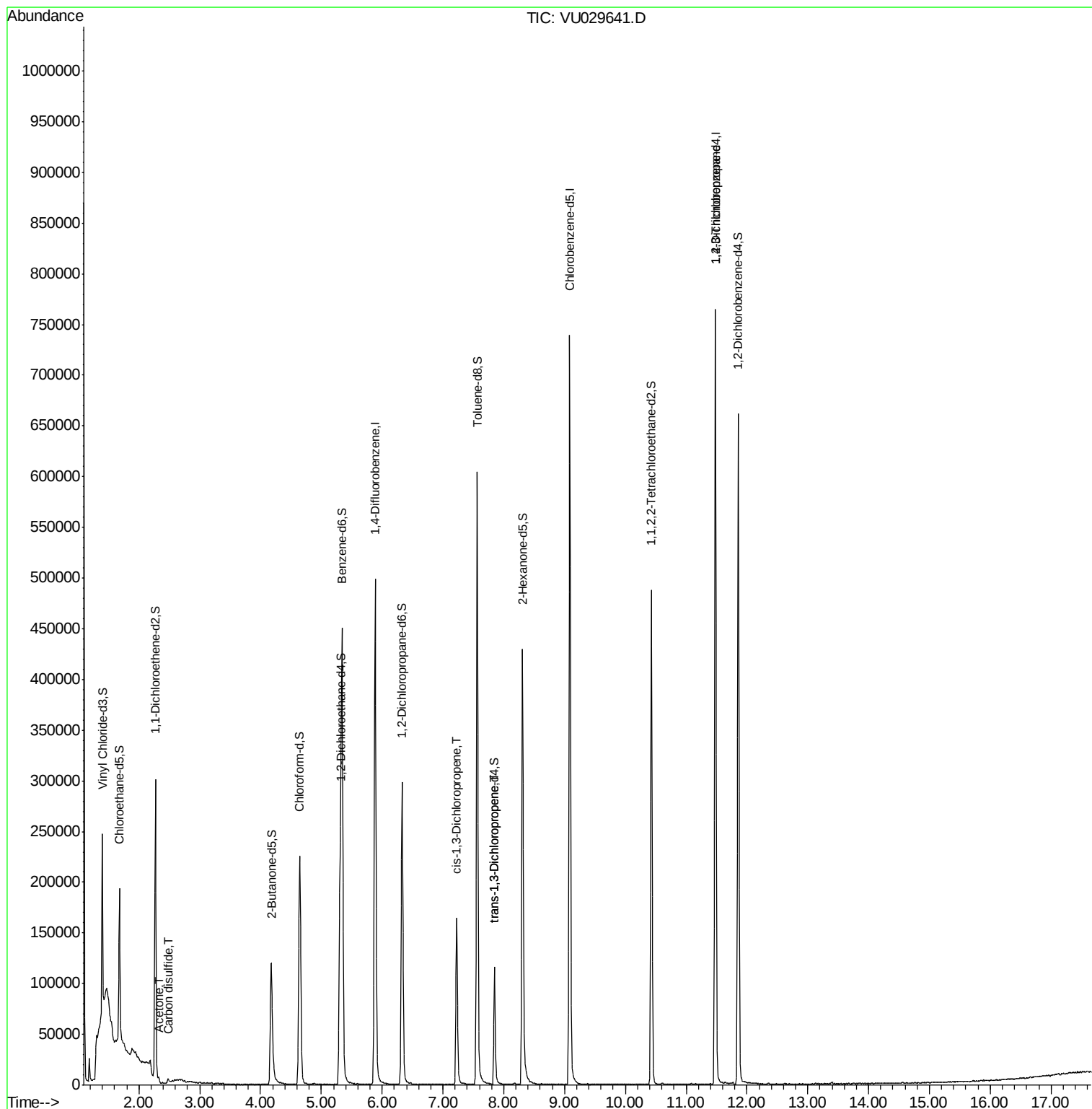
					Qvalue
13) Acetone	2.32	43	3054	1.398 ug/L	88
14) Carbon disulfide	2.48	76	7409	0.932 ug/L	96
39) cis-1,3-Dichloropropene	7.23	75	4137	0.857 ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	2480	0.545 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	21844	5.119 ug/L	90

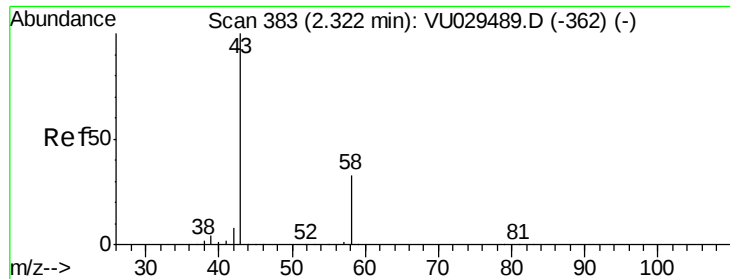
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.398 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029641.D

Acq: 22 Feb 2019 23:35

Instrument :

MSVOA_U

ClientSampleId :

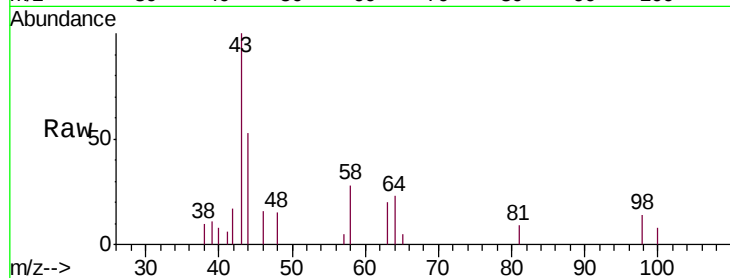
DB628

Tgt Ion: 43 Resp: 3054

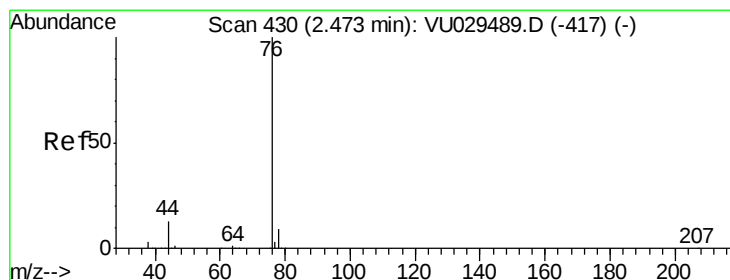
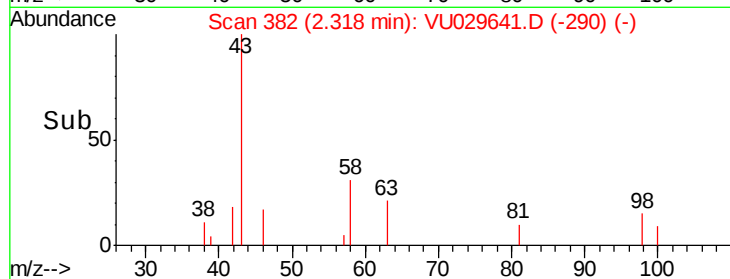
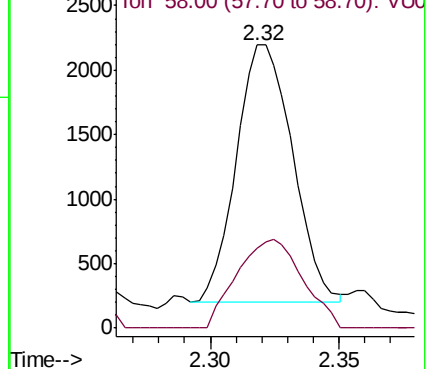
Ion Ratio Lower Upper

43 100

58 39.9 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029489.D (-362) (-)



#14

Carbon disulfide

Concen: 0.932 ug/L

RT: 2.48 min Scan# 432

Delta R.T. 0.00 min

Lab File: VU029641.D

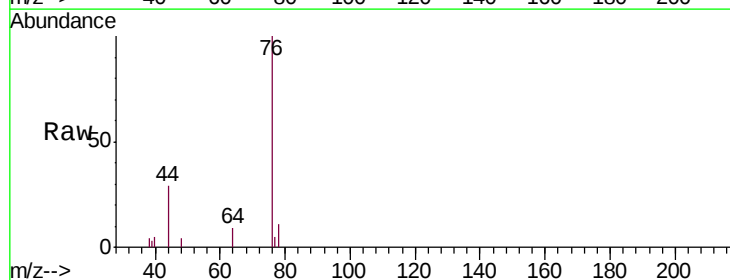
Acq: 22 Feb 2019 23:35

Tgt Ion: 76 Resp: 7409

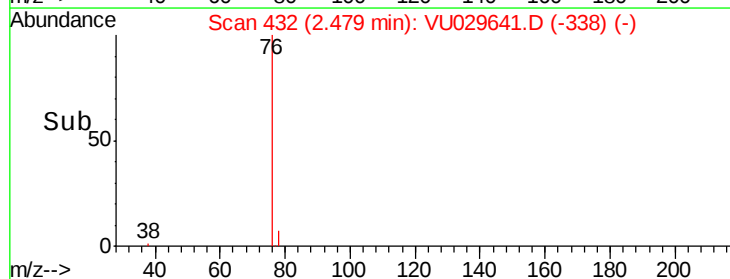
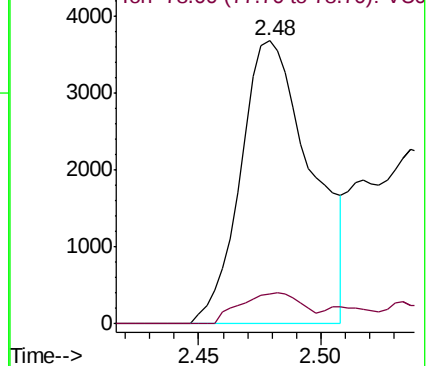
Ion Ratio Lower Upper

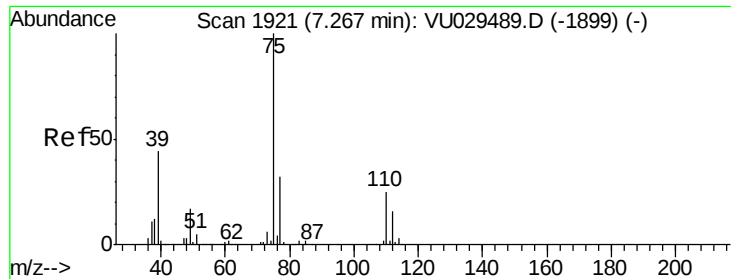
76 100

78 10.8 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU029489.D (-417) (-)

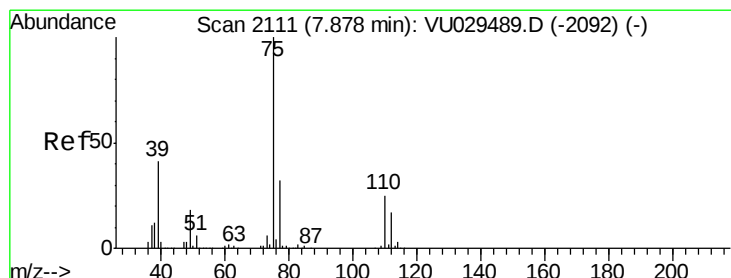
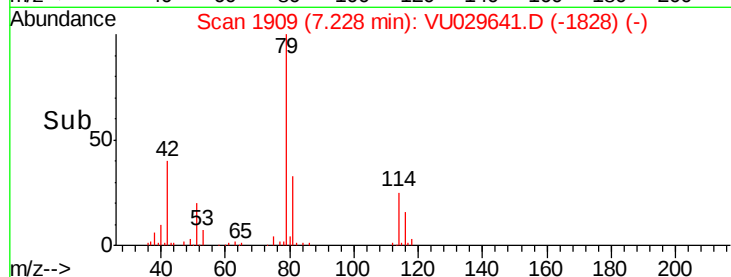
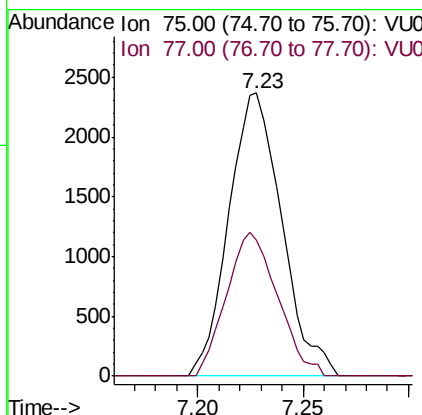
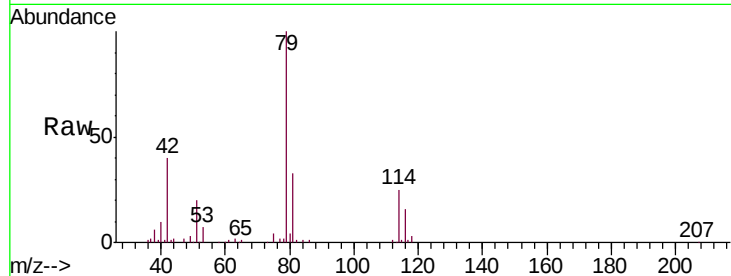




#39
 cis-1,3-Dichloropropene
 Concen: 0.857 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029641.D
 Acq: 22 Feb 2019 23:35

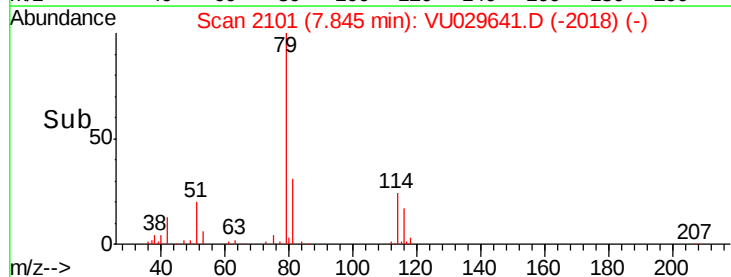
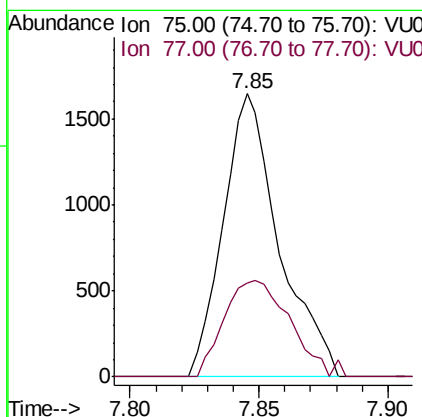
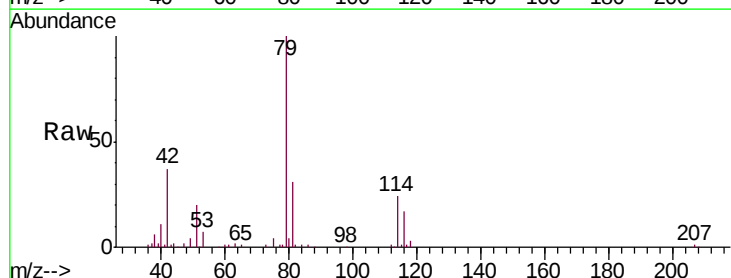
Instrument :
 MSVOA_U
 ClientSampled :
 DB628

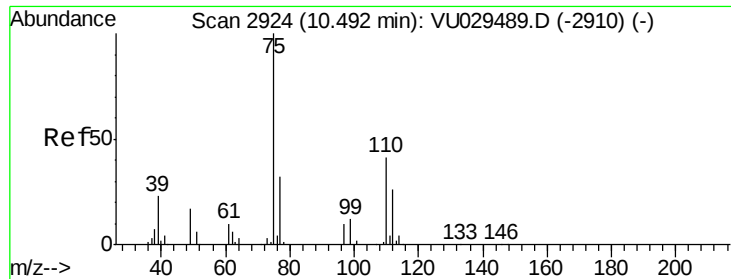
Tgt Ion: 75 Resp: 4137
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.545 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU029641.D
 Acq: 22 Feb 2019 23:35

Tgt Ion: 75 Resp: 2480
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 5.119 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029641.D

Acq: 22 Feb 2019 23:35

Instrument :

MSVOA_U

ClientSampleId :

DB628

Tgt Ion: 75 Resp: 21844

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5

