

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026193.D
 Acq On : 17 Aug 2018 21:01
 Operator : MD/SY
 Sample : J4515-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0346

Quant Time: Aug 18 01:55:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 01:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	123773	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	54939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36169	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.68	69	29242	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.28	63	54497	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.20	46	117732	63.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.16%
24) Chloroform-d	4.65	84	82409	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	5.32	65	45966	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.34	84	153930	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.34	67	50486	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.57	98	132133	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	18849	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.32	63	91048	58.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	43170	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	56923	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

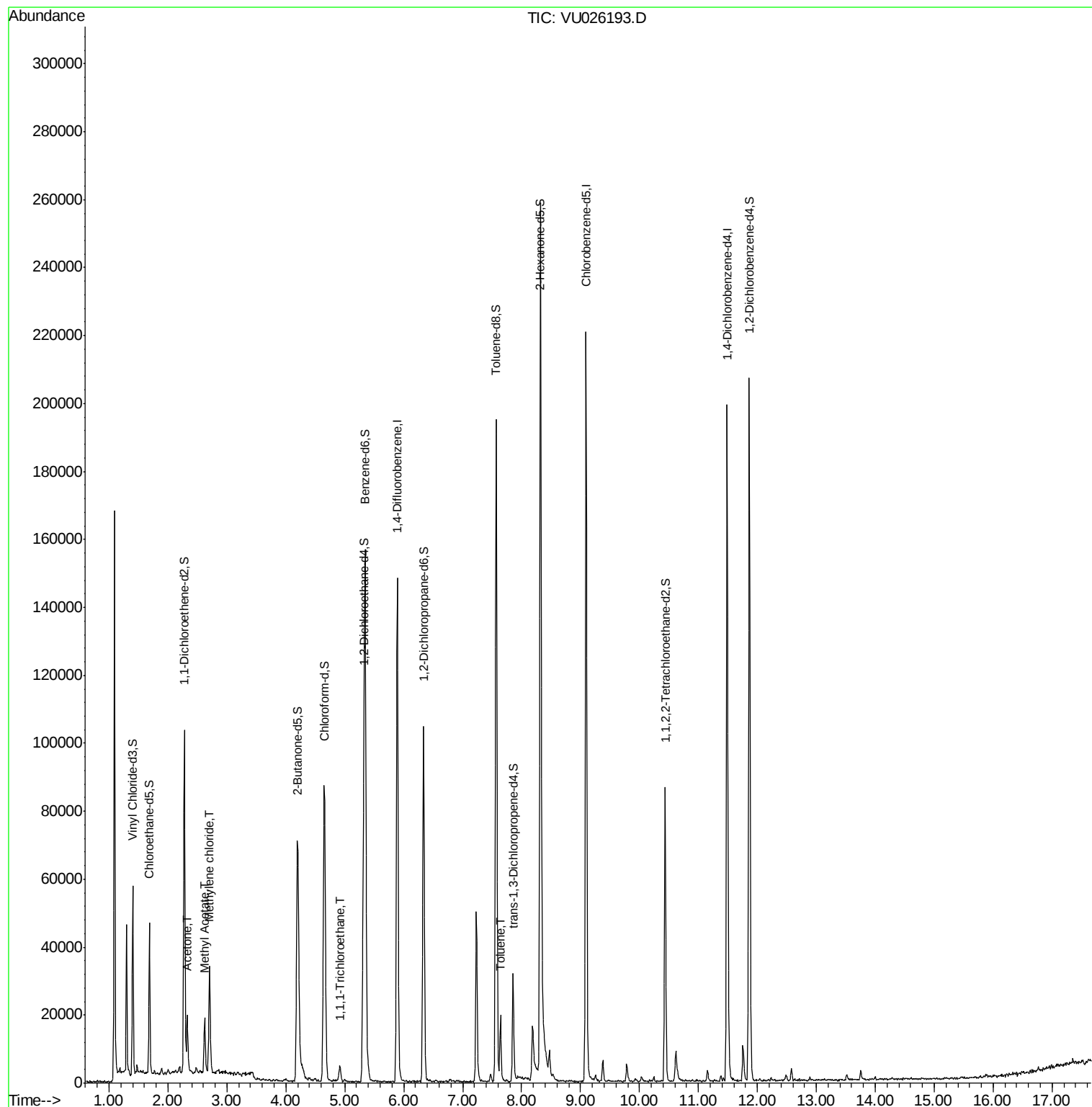
Target Compounds					Ovalue
13) Acetone	2.32	43	17504	14.16	ug/L 98
15) Methyl Acetate	2.62	43	17983	5.40	ug/L 94
16) Methylene chloride	2.70	84	13397	1.57	ug/L 96
29) 1,1,1-Trichloroethane	4.91	97	3702	0.23	ug/L 95
42) Toluene	7.64	91	13398	0.35	ug/L 98

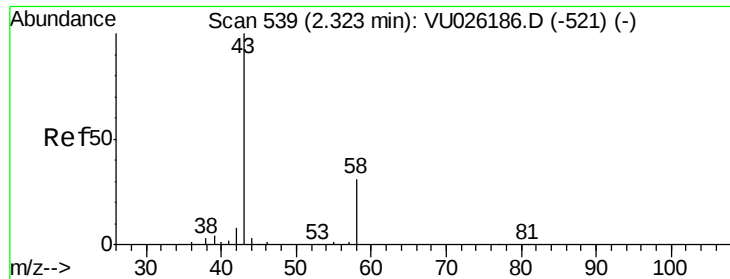
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.16 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026193.D

Acq: 17 Aug 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

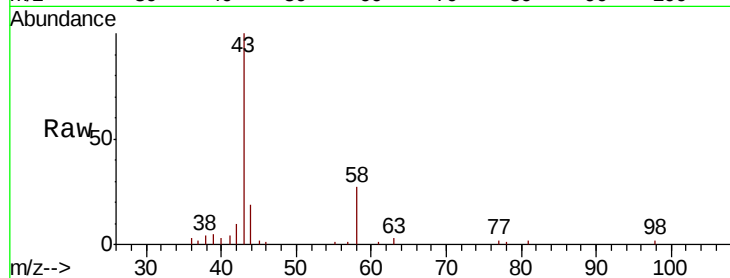
C0346

Tot Ion: 43 Resp: 17504

Ion Ratio Lower Upper

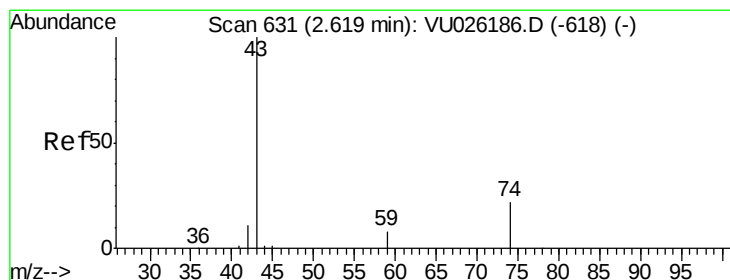
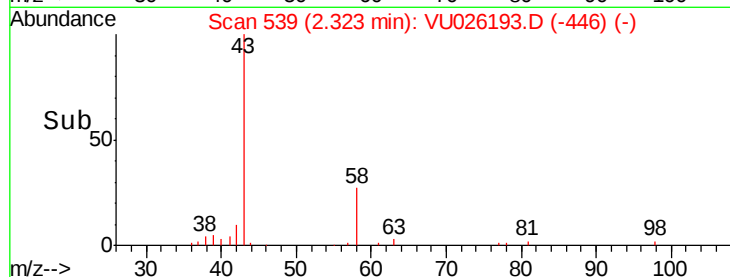
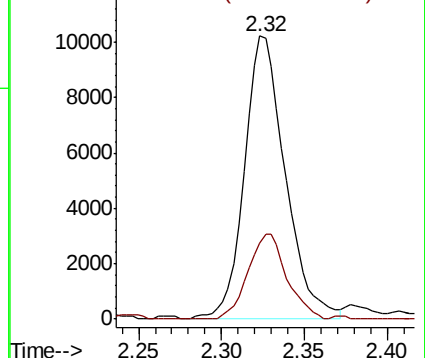
43 100

58 28.4 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 5.40 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU026193.D

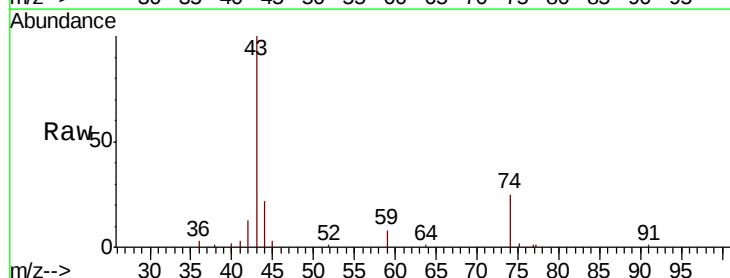
Acq: 17 Aug 2018 21:01

Tgt Ion: 43 Resp: 17983

Ion Ratio Lower Upper

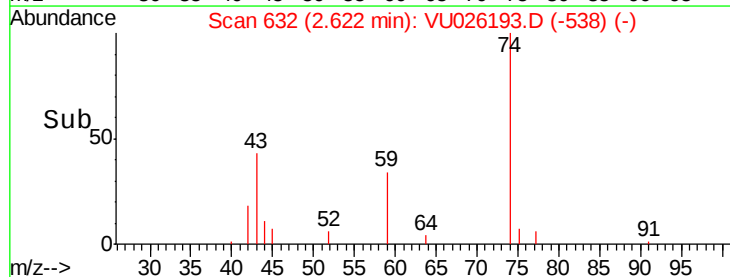
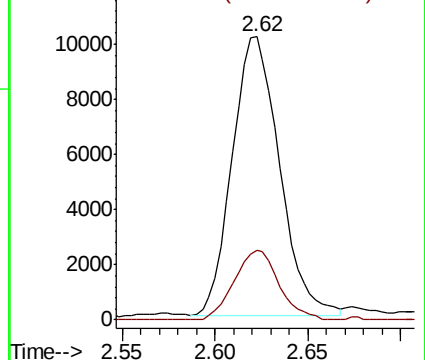
43 100

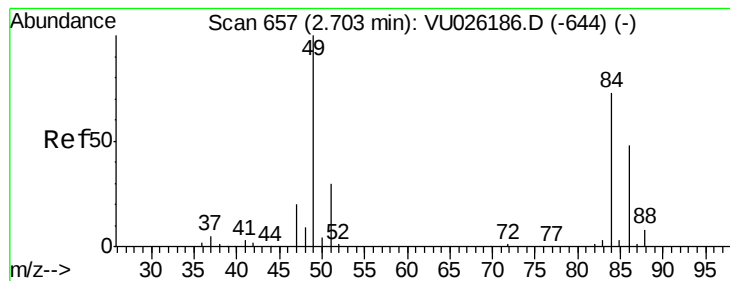
74 23.6 16.6 24.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

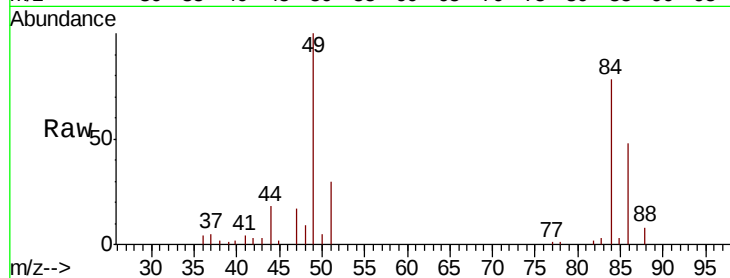




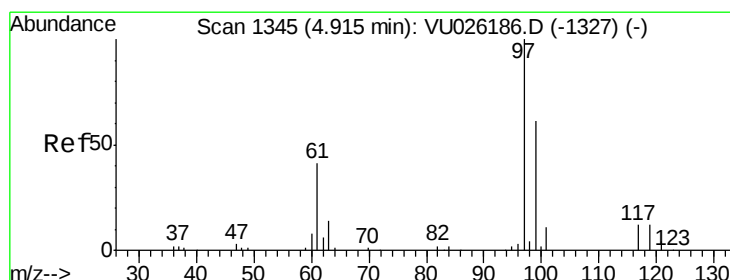
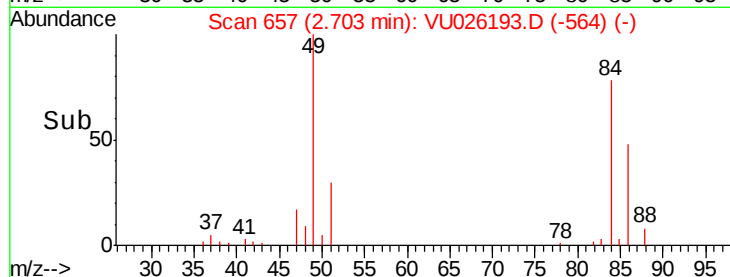
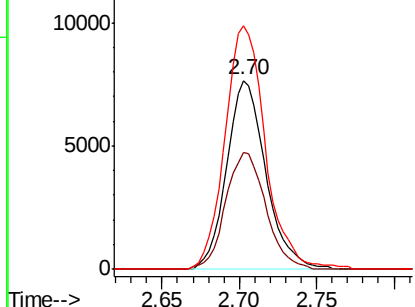
#16
Methvlene chloride
Concen: 1.57 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Instrument :
MSVOA_U
ClientSampled :
C0346

Tot Ion: 84 Resp: 13397
Ion Ratio Lower Upper
84 100
86 61.8 48.6 90.2
49 129.0 89.0 165.4

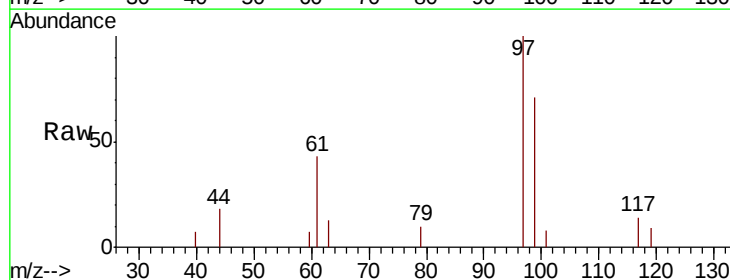


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

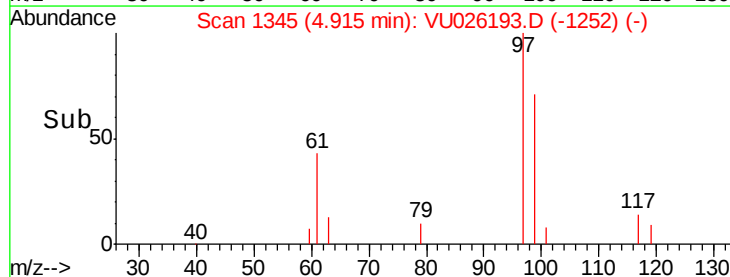
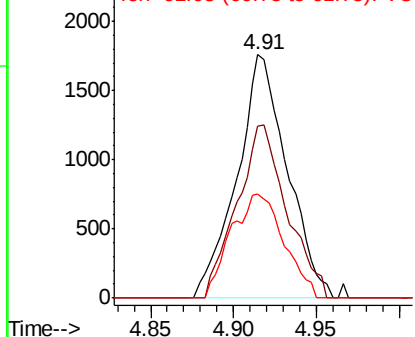


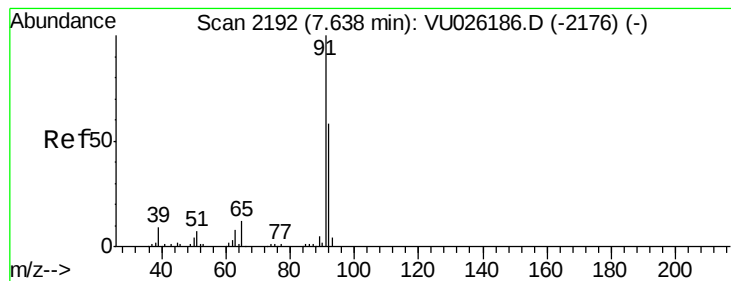
#29
1,1,1-Trichloroethane
Concen: 0.23 ug/L
RT: 4.91 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VU026193.D
Acq: 17 Aug 2018 21:01

Tgt Ion: 97 Resp: 3702
Ion Ratio Lower Upper
97 100
99 70.7 52.3 78.5
61 44.8 35.0 52.6



Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0





#42

Toluene

Concen: 0.35 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU026193.D

Acq: 17 Aug 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

C0346

Tot Ion: 91 Resp: 13398

Ion Ratio Lower Upper

91 100

92 58.6 40.0 74.4

