

Data File : VU032915.D
Acq On : 20 Jun 2019 21:15
Operator : JC/SP
Sample : K3414-19DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALN5DL

Quant Time: Jun 21 07:41:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	82309	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	83549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	19652	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.68	69	18383	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.27	63	33554	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.19	46	89217	59.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.48%
24) Chloroform-d	4.64	84	48564	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.30	65	29982	5.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.80%
32) Benzene-d6	5.33	84	88552	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.32	67	29419	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.56	98	77937	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.85	79	11867	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.31	63	64428	47.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28215	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	35264	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

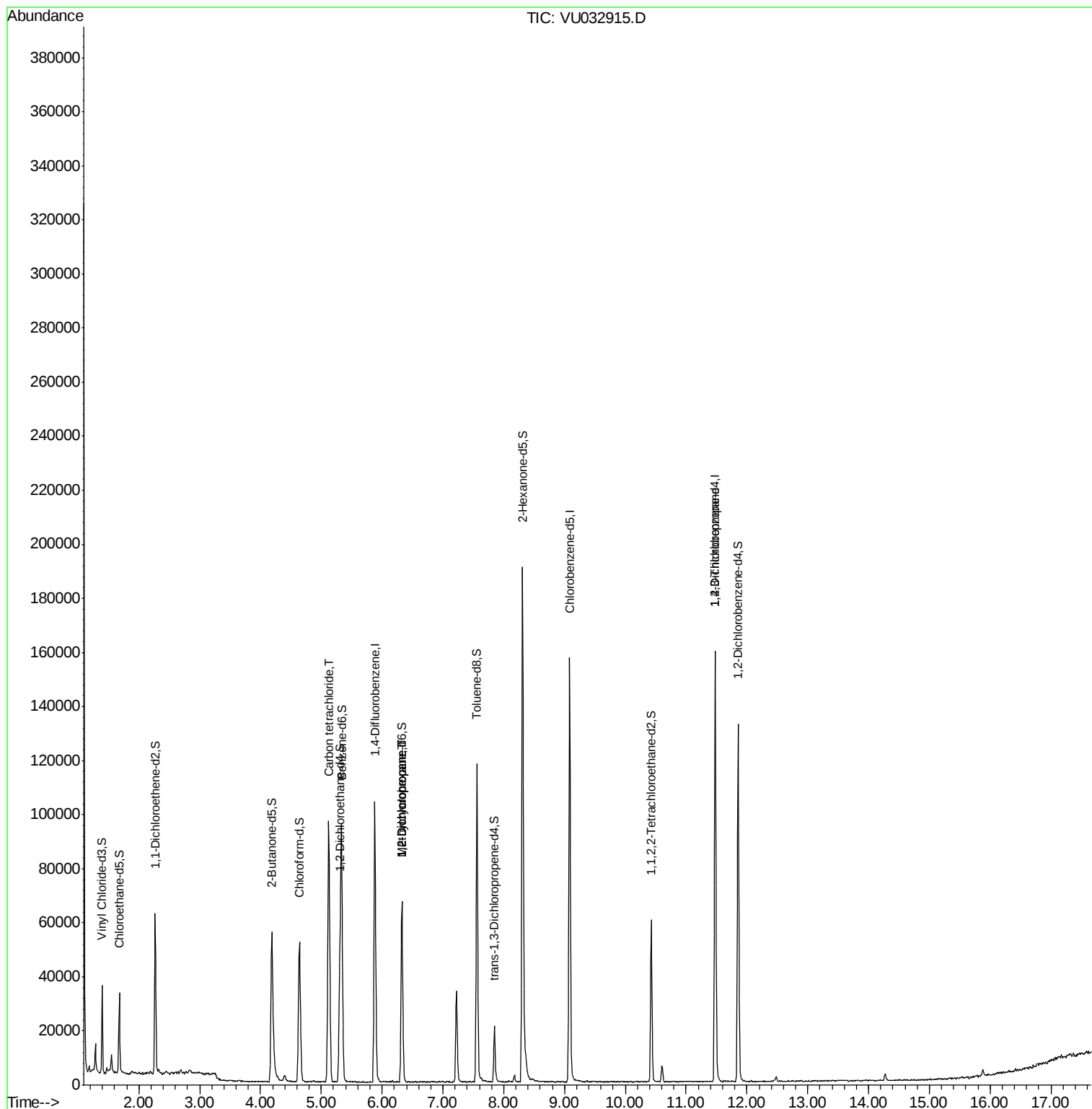
					Qvalue
31) Carbon tetrachloride	5.12	117	66997	7.238 ug/L	99
35) Methylcyclohexane	6.32	83	6932	0.608 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	3631	0.570 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	5536	1.323 ug/L	91

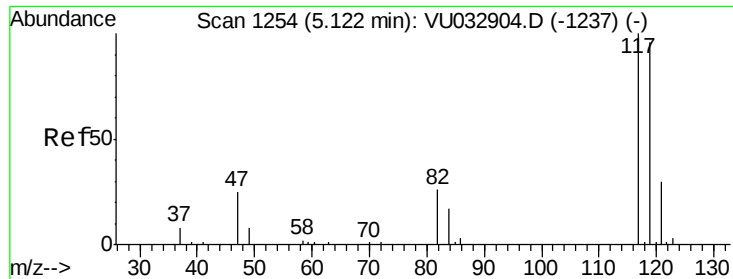
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#31

Carbon tetrachloride

Concen: 7.238 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

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Acq: 20 Jun 2019 21:15

Instrument :

MSVOA_U

ClientSampleId :

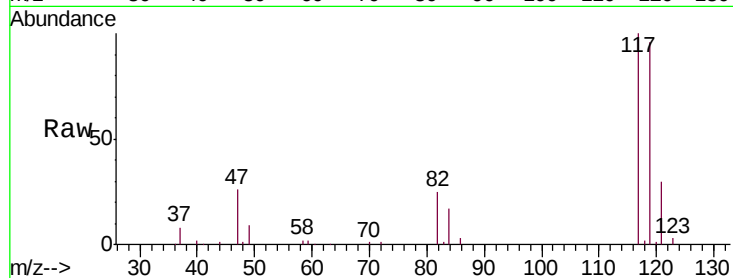
GALN5DL

Tgt Ion: 117 Resp: 66997

Ion Ratio Lower Upper

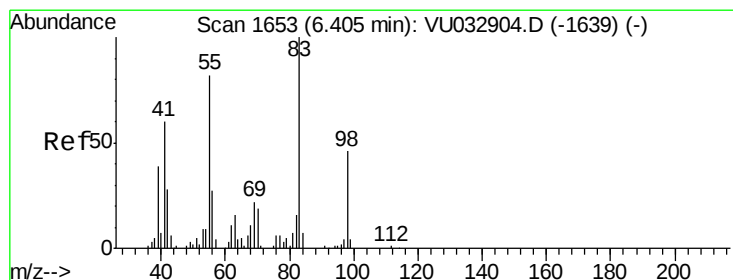
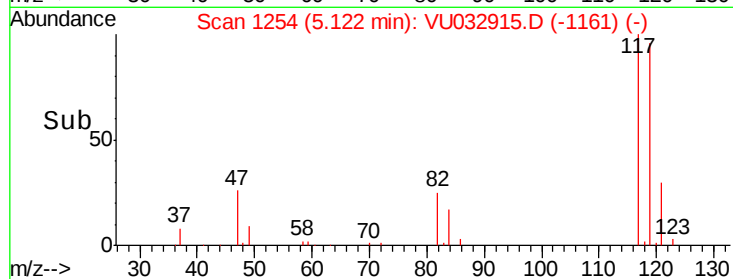
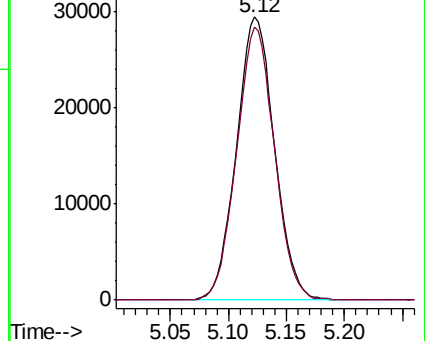
117 100

119 95.8 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.608 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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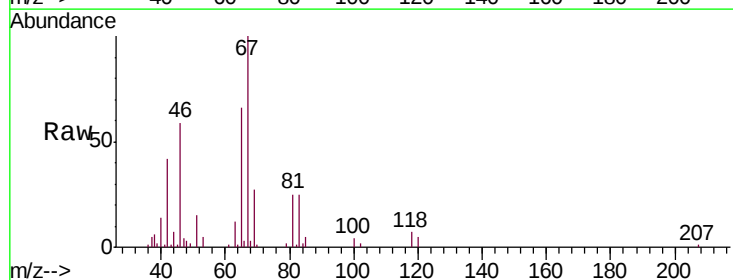
Tgt Ion: 83 Resp: 6932

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

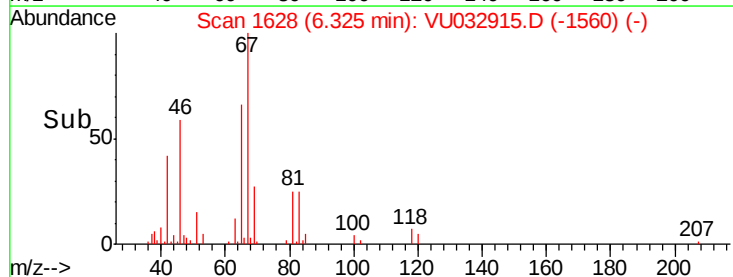
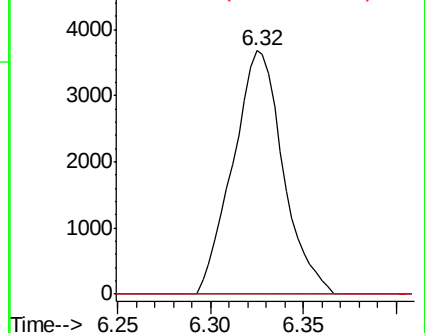
98 0.0 37.8 56.8#

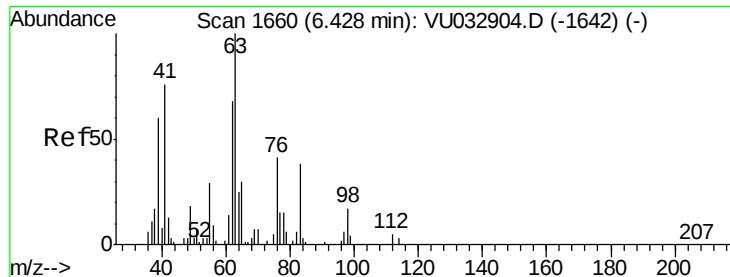


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

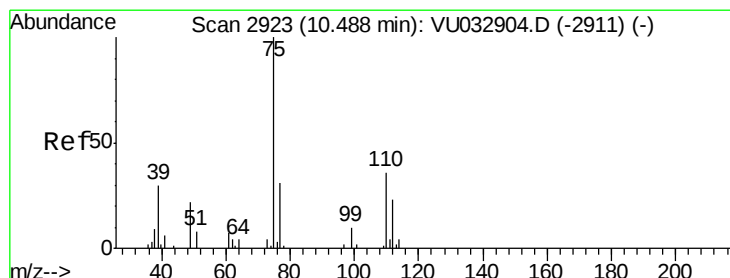
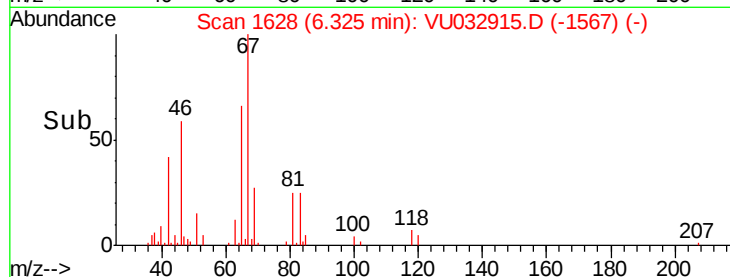
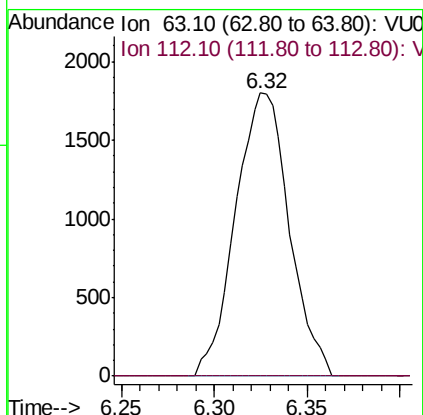
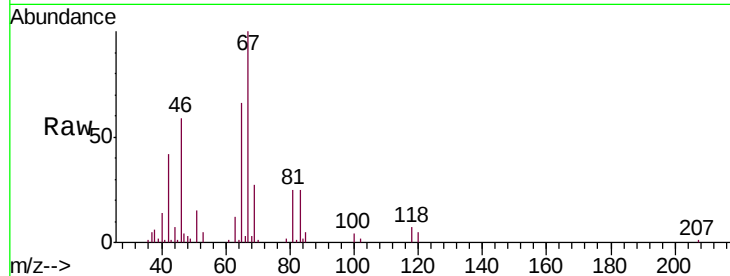




#37
 1,2-Dichloropropane
 Concen: 0.570 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 3631
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.323 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032915.D
 Acq: 20 Jun 2019 21:15

Tgt Ion: 75 Resp: 5536
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.3 37.9

