

Data File : VU032920.D
Acq On : 20 Jun 2019 23:16
Operator : JC/SP
Sample : K3414-18DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALN4DL

Quant Time: Jun 21 07:41:56 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	86272	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87167	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	21303	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.68	69	19364	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.27	63	35116	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.19	46	92958	59.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.76%
24) Chloroform-d	4.64	84	50841	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.30	65	30441	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.33	84	93499	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.32	67	31537	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.56	98	82824	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.85	79	12417	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.31	63	66977	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29406	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	36590	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

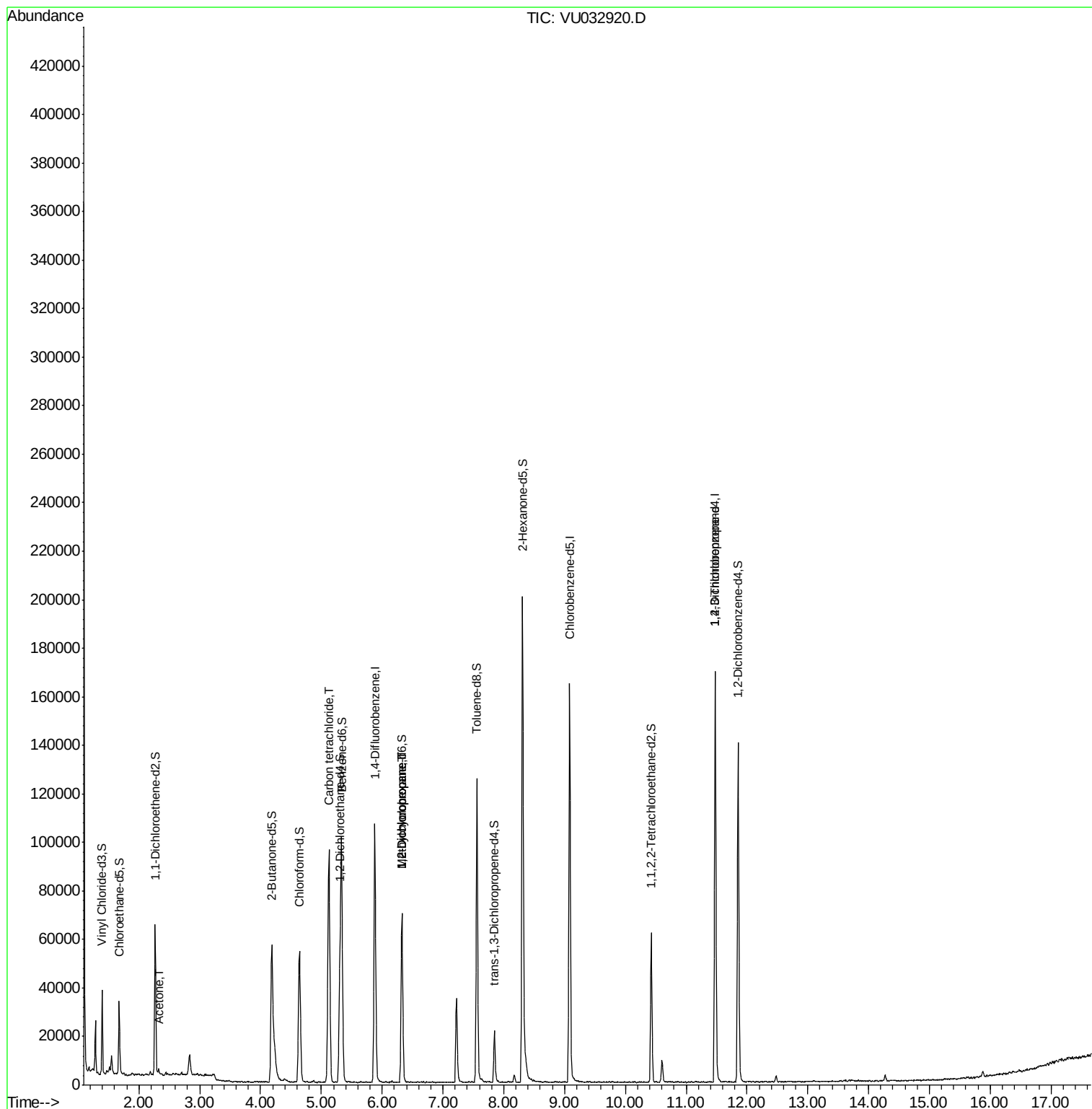
					Qvalue
13) Acetone	2.32	43	1465	1.206 ug/L	99
31) Carbon tetrachloride	5.13	117	67005	6.938 ug/L	100
35) Methylcyclohexane	6.32	83	7026	0.591 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	3798	0.571 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	5687	1.302 ug/L	92

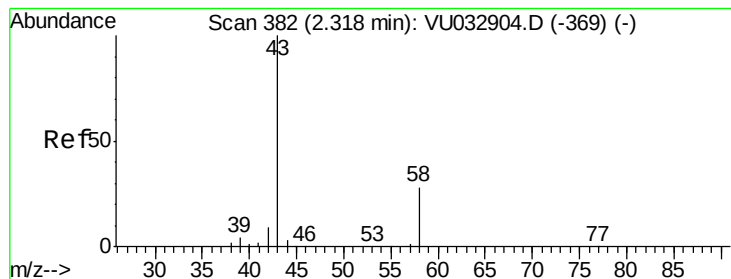
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.206 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032920.D

Acq: 20 Jun 2019 23:16

Instrument :

MSVOA_U

ClientSampleId :

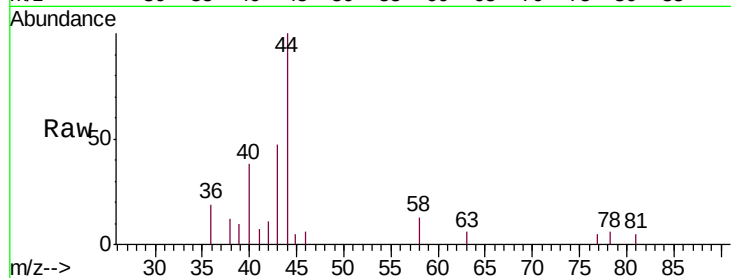
GALN4DL

Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

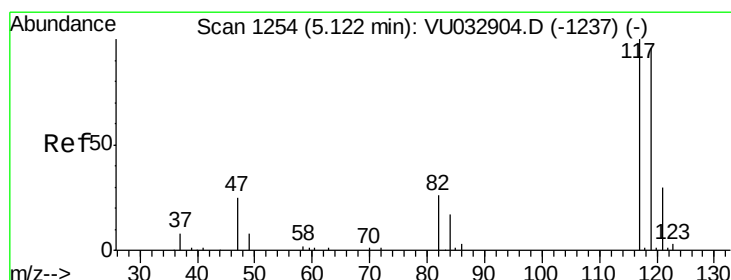
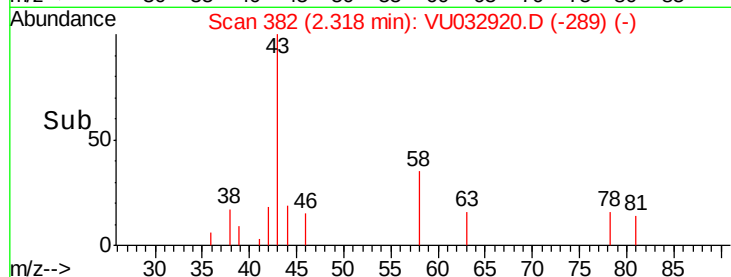
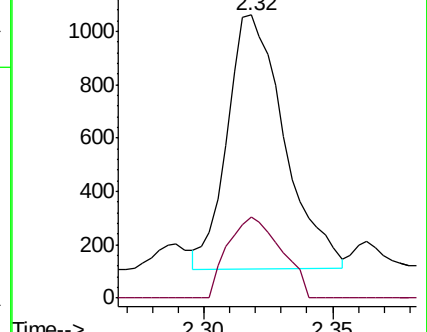
43 100

58 30.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032920.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032920.D (-289) (-)



#31

Carbon tetrachloride

Concen: 6.938 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU032920.D

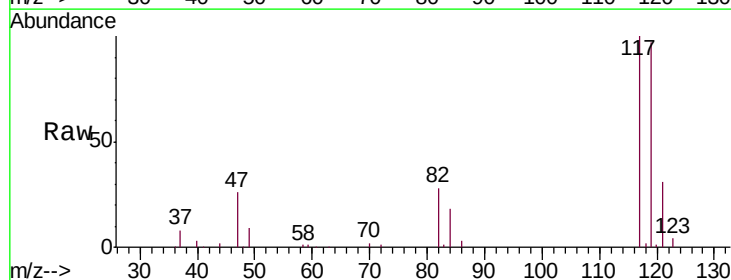
Acq: 20 Jun 2019 23:16

Tgt Ion: 117 Resp: 67005

Ion Ratio Lower Upper

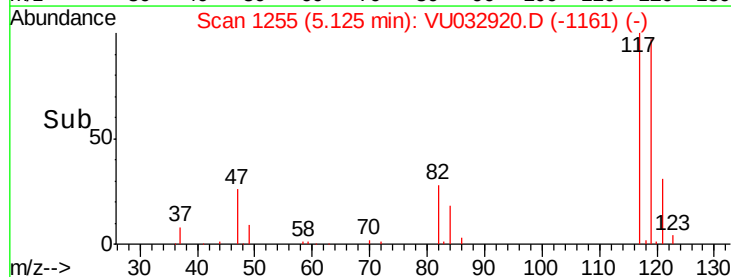
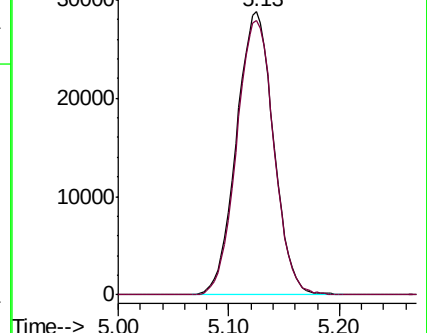
117 100

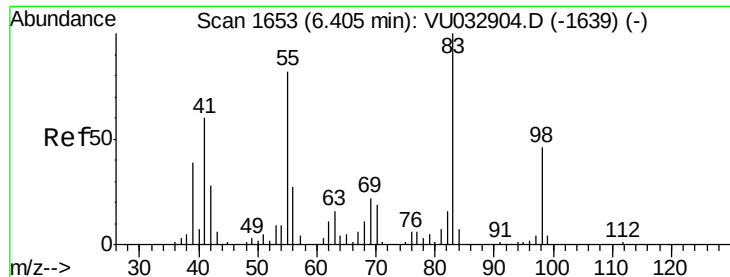
119 97.2 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): VU032920.D (-1161) (-)

Ion 118.90 (118.60 to 119.60): VU032920.D (-1161) (-)

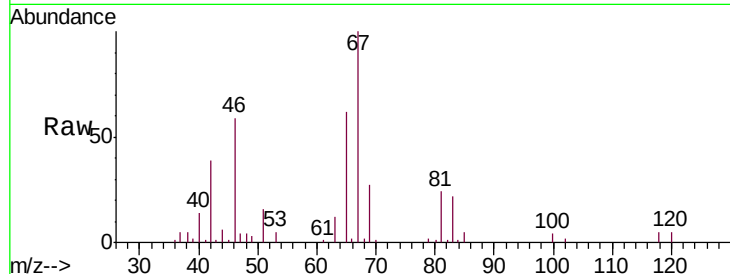




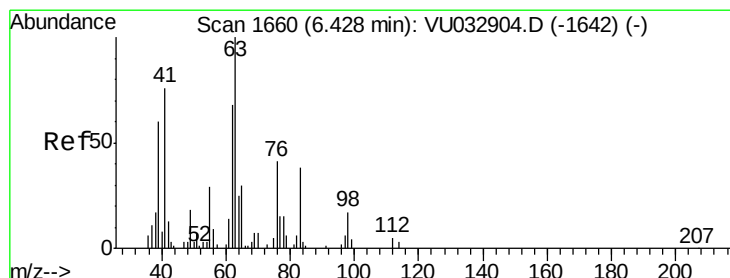
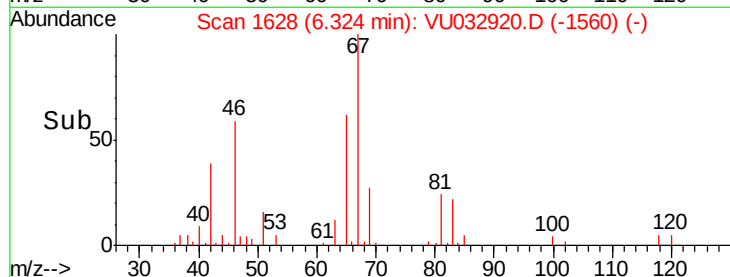
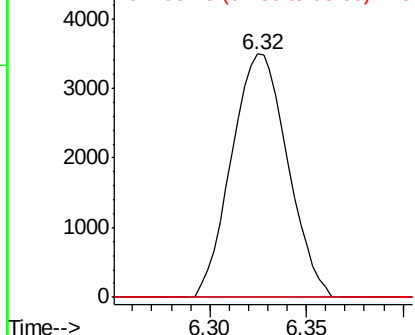
#35
Methylcyclohexane
Concen: 0.591 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
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Instrument :
MSVOA_U
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Tgt Ion: 83 Resp: 7026
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.0 37.8 56.8#

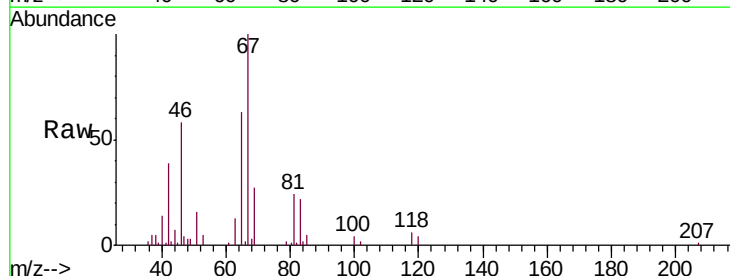


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

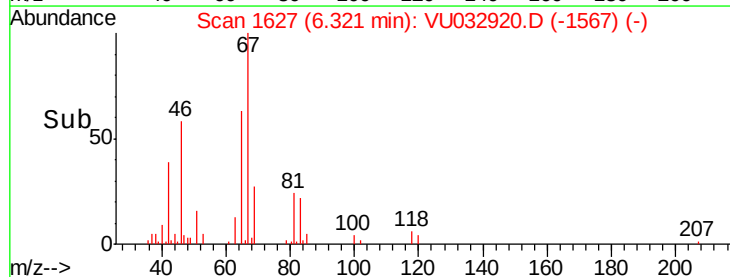
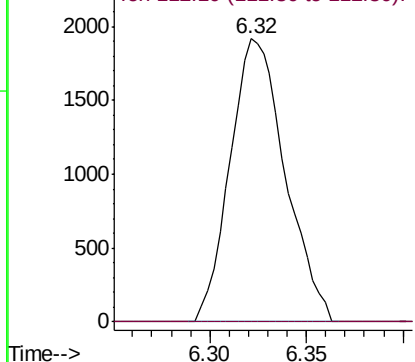


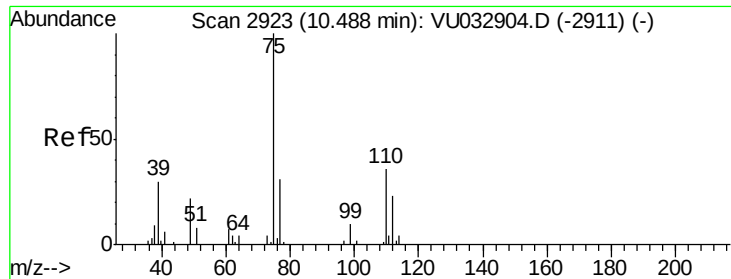
#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032920.D
Acq: 20 Jun 2019 23:16

Tgt Ion: 63 Resp: 3798
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 1.302 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032920.D

Acq: 20 Jun 2019 23:16

Instrument :

MSVOA_U

ClientSampleId :

GALN4DL

Tgt Ion: 75 Resp: 5687

Ion Ratio Lower Upper

75 100

77 36.2 25.3 37.9

