

Data File : VU032899.D
Acq On : 20 Jun 2019 13:50
Operator : JC/SP
Sample : K3414-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALN4

Quant Time: Jun 21 05:32:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 05:28:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	90840	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90944	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45601	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23333	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.68	69	21306	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.27	63	39984	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.18	46	97973	59.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.88%
24) Chloroform-d	4.64	84	55754	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.30	65	33286	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.33	84	102625	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.32	67	35313	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.56	98	94188	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.85	79	13681	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.31	63	70258	47.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32589	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	41106	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

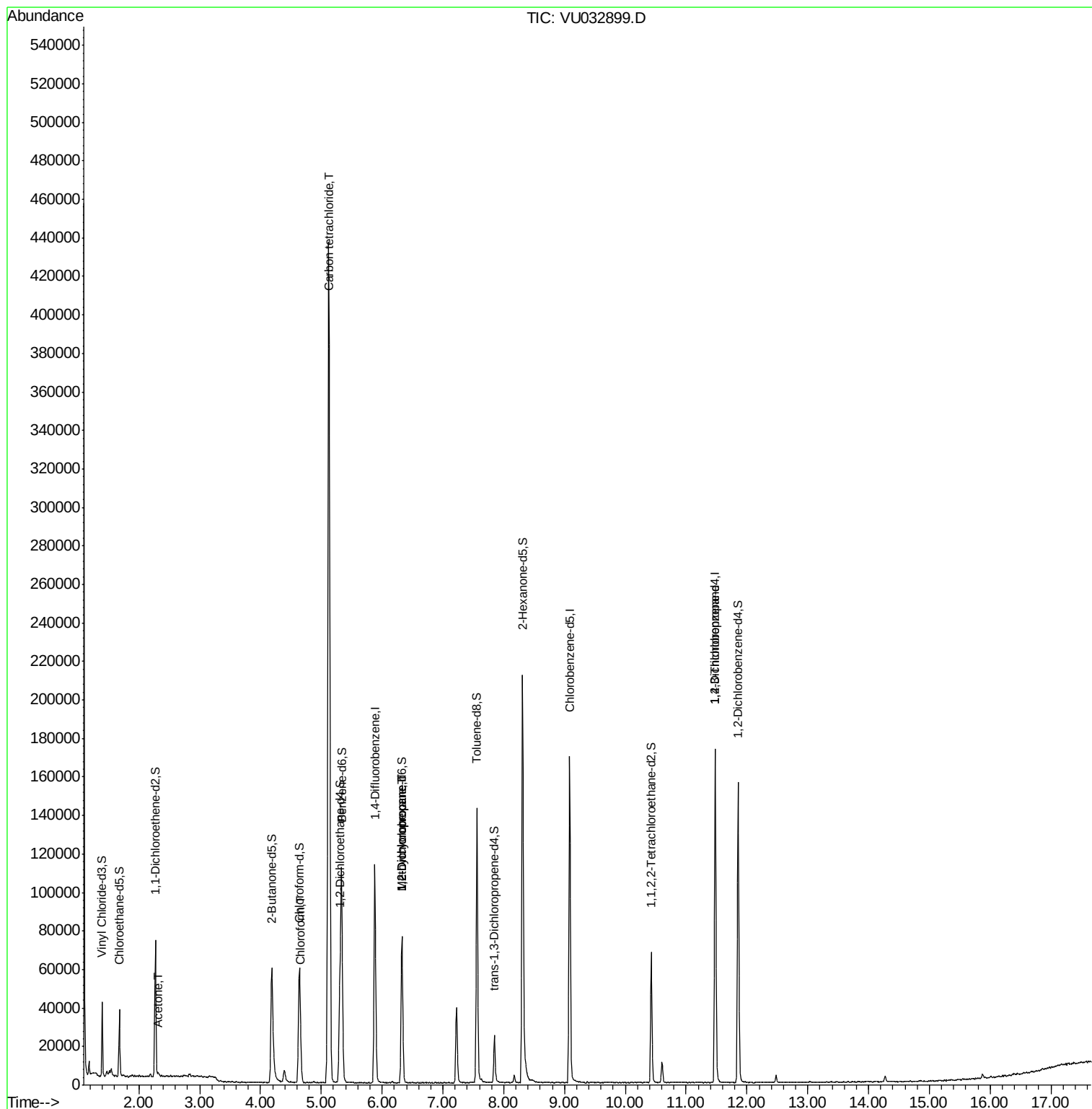
						Qvalue
13) Acetone	2.32	43	1752	1.369	ug/L	90
25) Chloroform	4.67	83	3161	0.278	ug/L	97
31) Carbon tetrachloride	5.12	117	304301	30.200	ug/L	99
35) Methylcyclohexane	6.32	83	7909	0.638	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4047	0.583	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	5861	1.287	ug/L	90

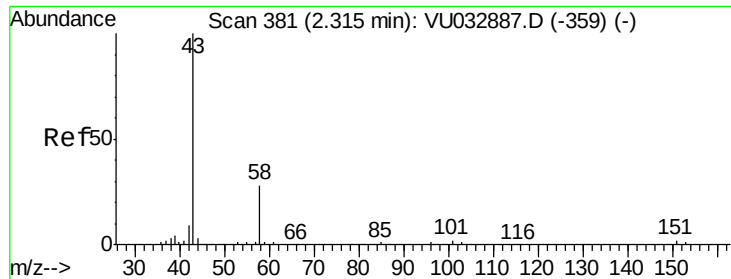
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.369 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Acq: 20 Jun 2019 13:50

Instrument :

MSVOA_U

ClientSampleId :

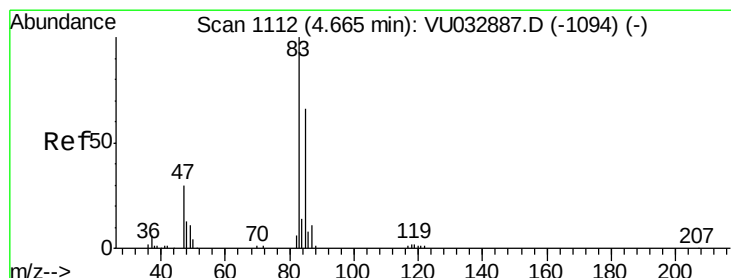
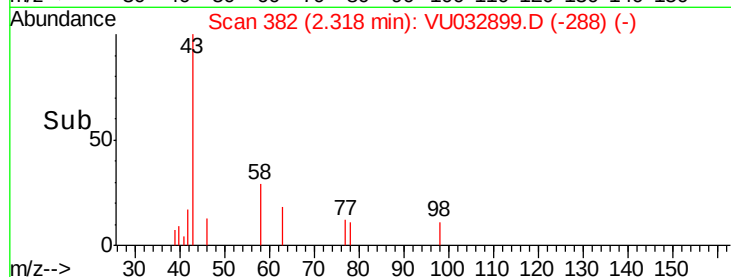
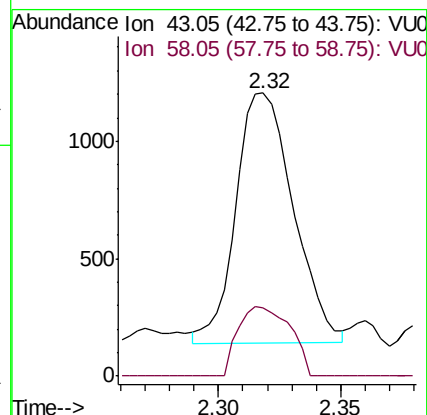
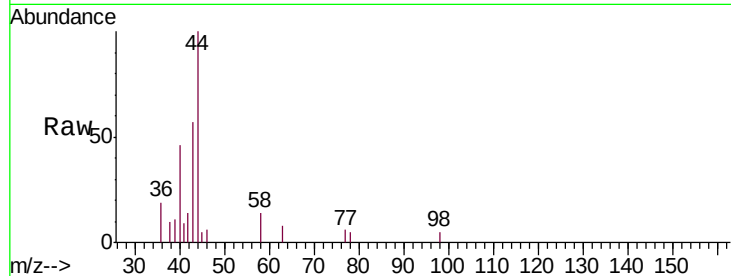
GALN4

Tgt Ion: 43 Resp: 1752

Ion Ratio Lower Upper

43 100

58 25.1 0.0 60.8



#25

Chloroform

Concen: 0.278 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

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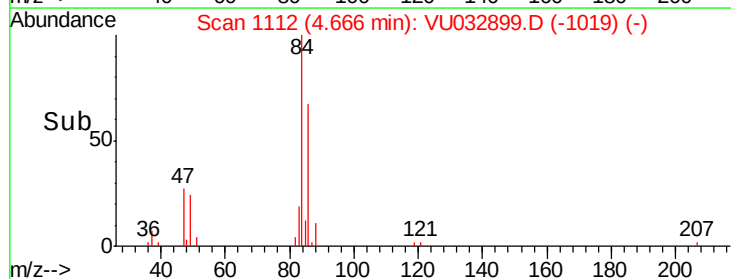
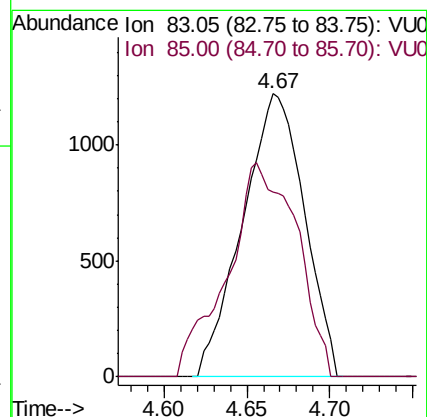
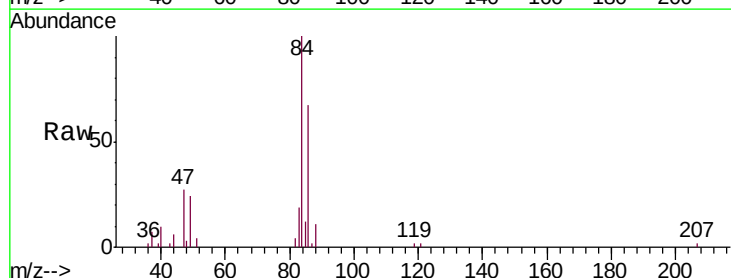
Acq: 20 Jun 2019 13:50

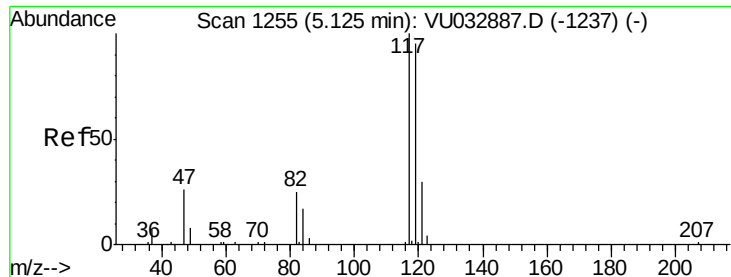
Tgt Ion: 83 Resp: 3161

Ion Ratio Lower Upper

83 100

85 65.1 43.8 81.3





#31

Carbon tetrachloride

Concen: 30.200 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VU032899.D

Acq: 20 Jun 2019 13:50

Instrument :

MSVOA_U

ClientSampled :

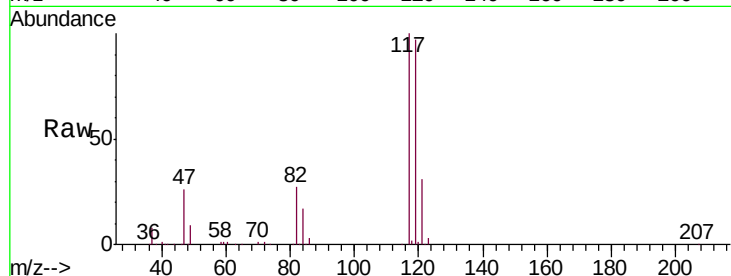
GALN4

Tgt Ion:117 Resp: 304301

Ion Ratio Lower Upper

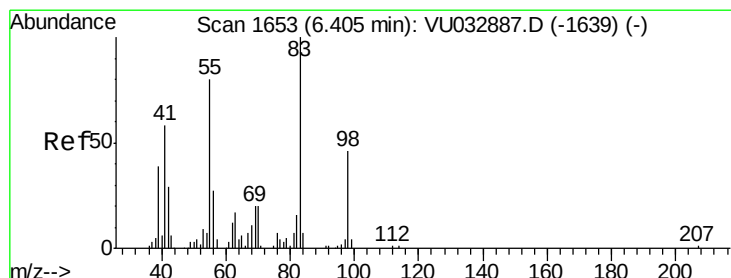
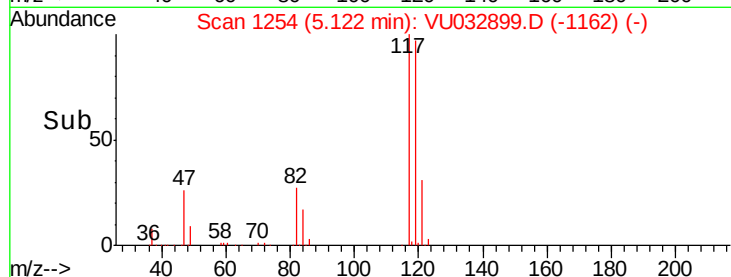
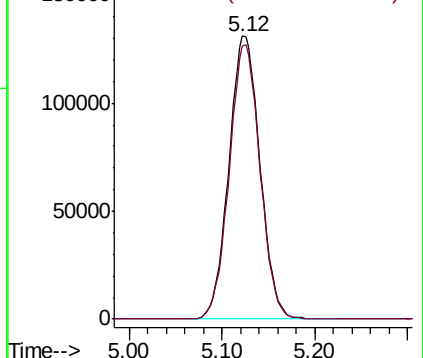
117 100

119 95.9 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: 0.638 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032899.D

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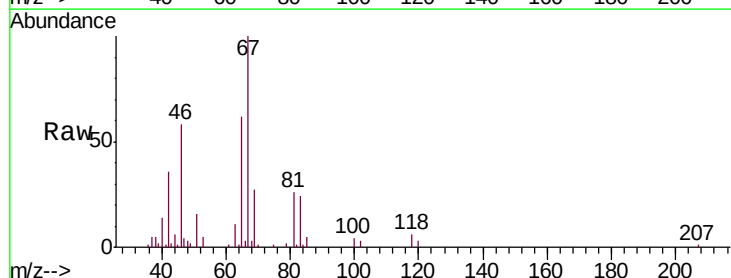
Tgt Ion: 83 Resp: 7909

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

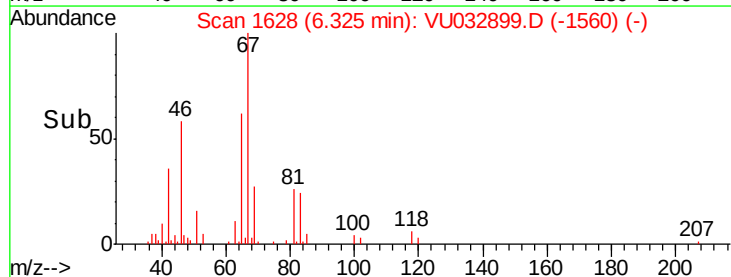
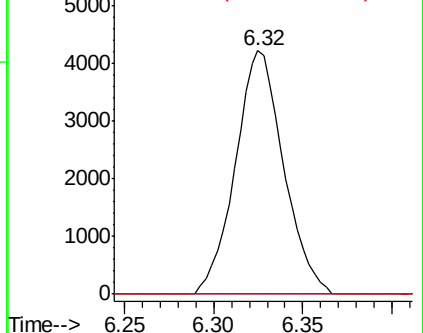
98 0.0 37.8 56.8#

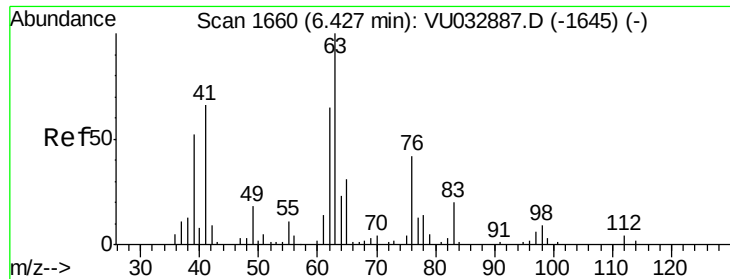


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

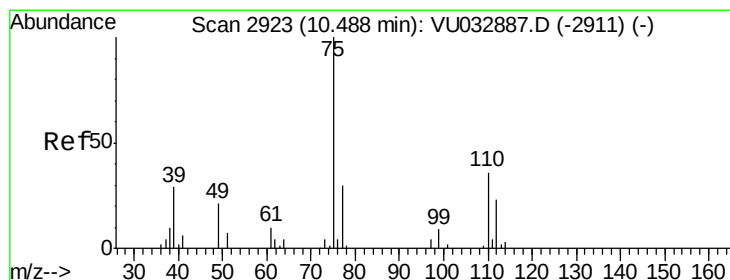
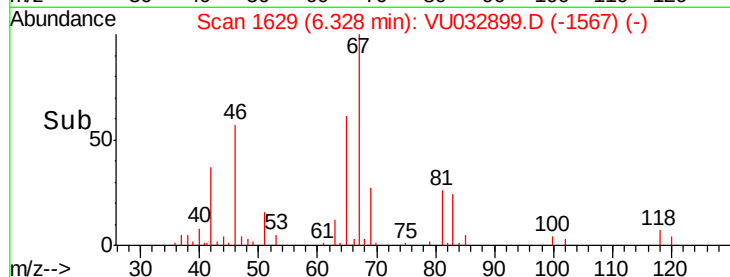
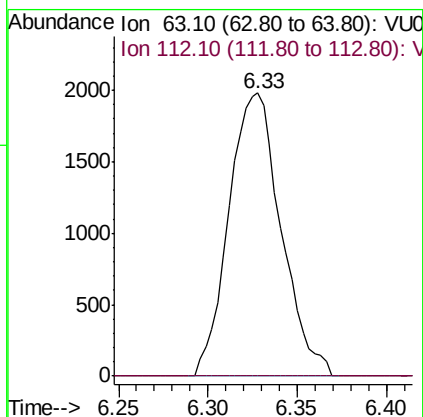
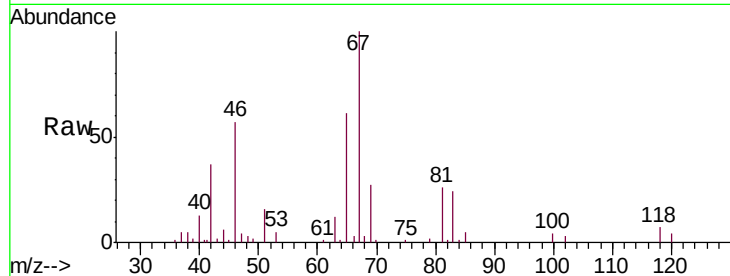




#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032899.D
 Acq: 20 Jun 2019 13:50

Instrument :
 MSVOA_U
 ClientSampled :
 GALN4

Tgt Ion: 63 Resp: 4047
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.287 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032899.D
 Acq: 20 Jun 2019 13:50

Tgt Ion: 75 Resp: 5861
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.3 37.9

