

Data File : VU032895.D
Acq On : 20 Jun 2019 12:13
Operator : JC/SP
Sample : K3414-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALNO

Quant Time: Jun 21 05:31:40 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	91208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	90781	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24252	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.68	69	21467	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.27	63	40487	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.19	46	97373	58.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.68%
24) Chloroform-d	4.64	84	57062	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.31	65	33373	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.20%
32) Benzene-d6	5.33	84	105614	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.32	67	35043	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.56	98	93976	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	14142	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.31	63	71882	48.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30915	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	41592	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

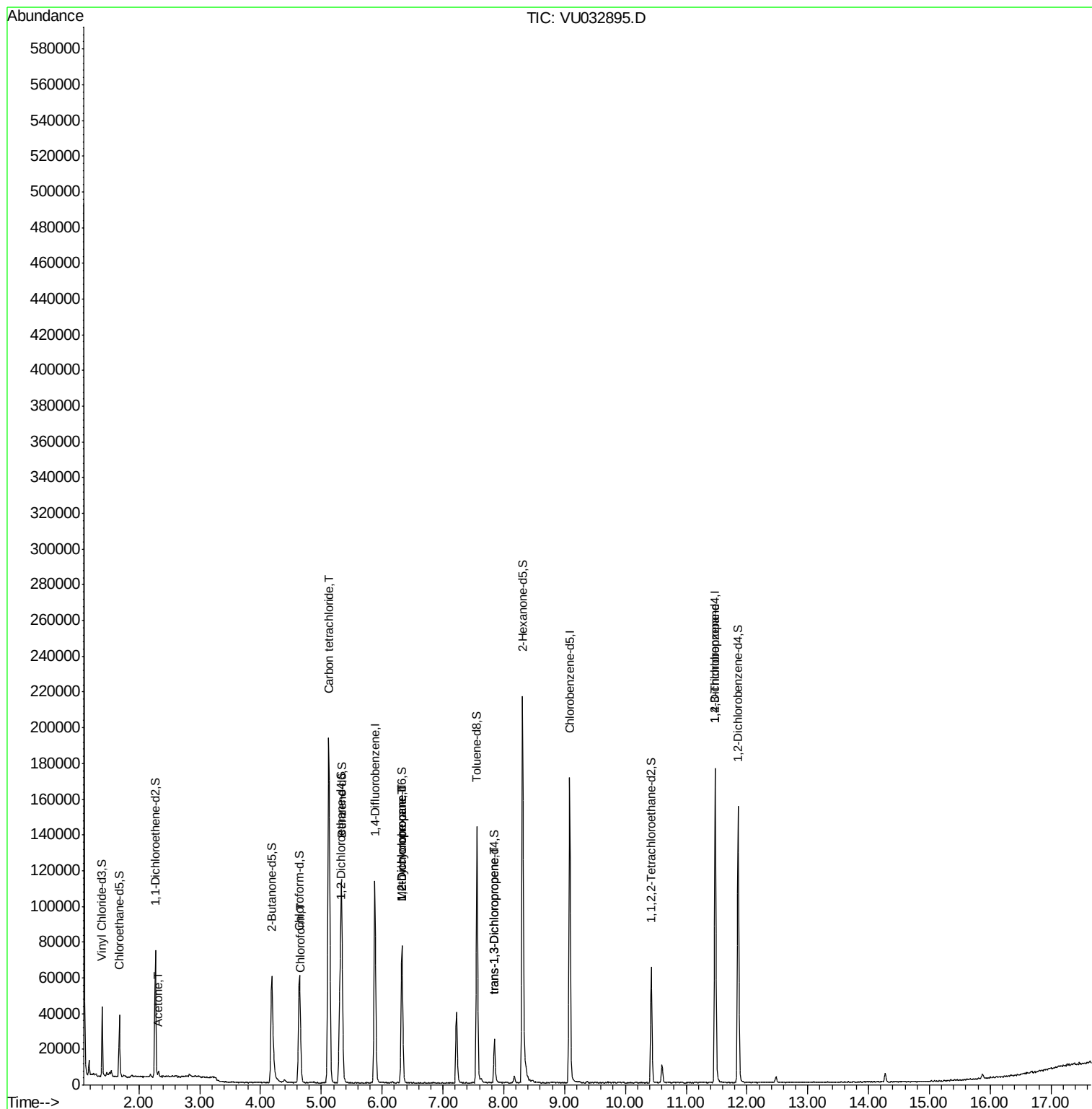
					Qvalue
13) Acetone	2.32	43	2407	1.874	ug/L 92
25) Chloroform	4.67	83	1808	0.158	ug/L 99
31) Carbon tetrachloride	5.12	117	134549	13.377	ug/L 99
35) Methylcyclohexane	6.32	83	8151	0.658	ug/L # 19
37) 1,2-Dichloropropane	6.32	63	4418	0.638	ug/L # 89
44) trans-1,3-Dichloropropene	7.85	75	746	0.088	ug/L # 81
59) 1,2,3-Trichloropropane	11.48	75	5784	1.272	ug/L # 84

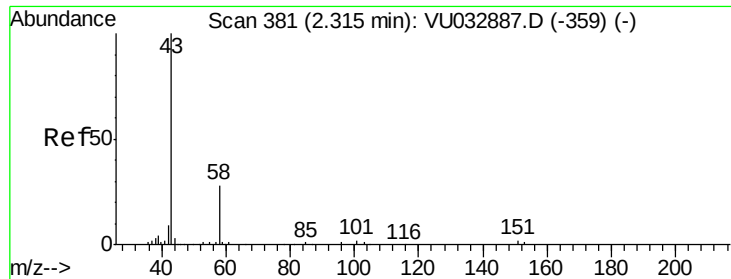
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.874 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

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MSVOA_U

ClientSampleId :

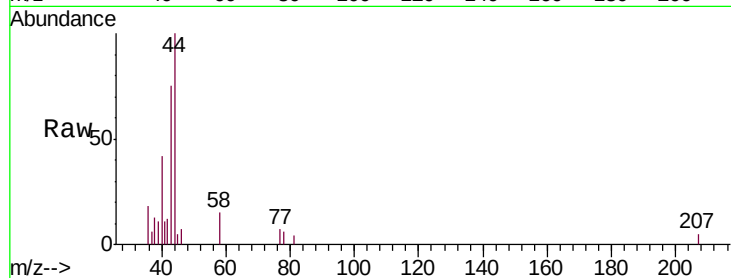
GALN0

Tgt Ion: 43 Resp: 2407

Ion Ratio Lower Upper

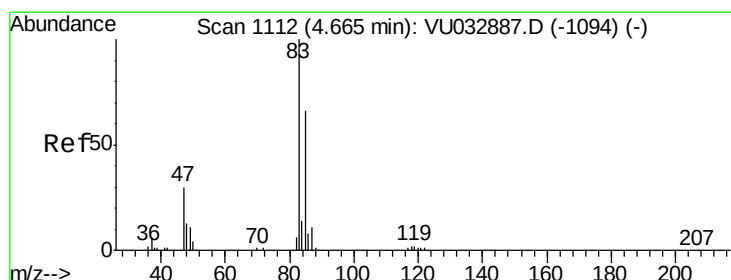
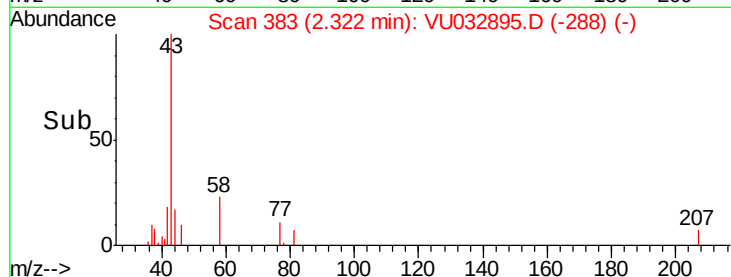
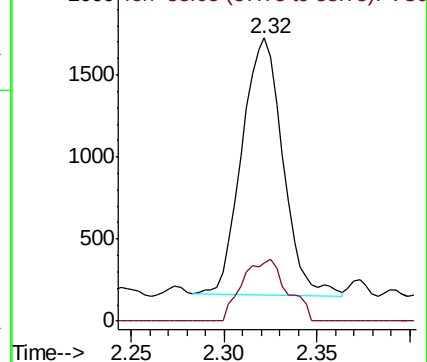
43 100

58 26.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.158 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

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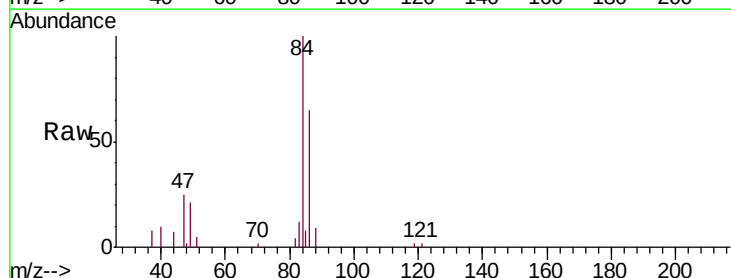
Acq: 20 Jun 2019 12:13

Tgt Ion: 83 Resp: 1808

Ion Ratio Lower Upper

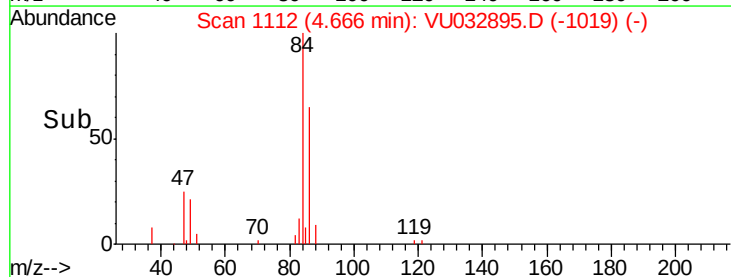
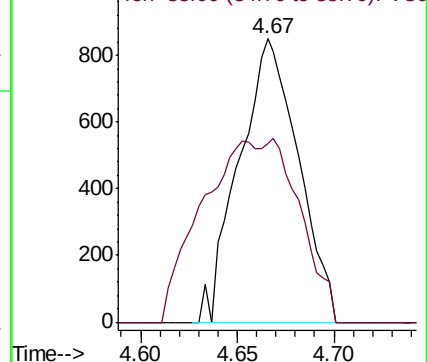
83 100

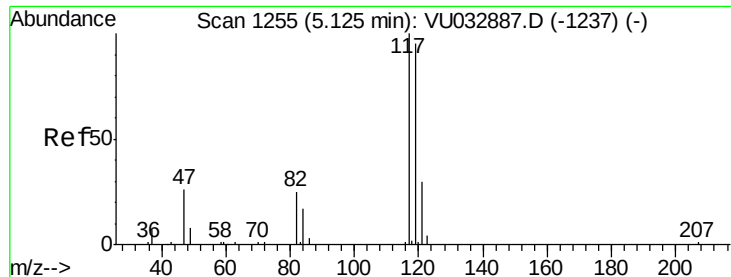
85 63.3 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#31

Carbon tetrachloride

Concen: 13.377 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

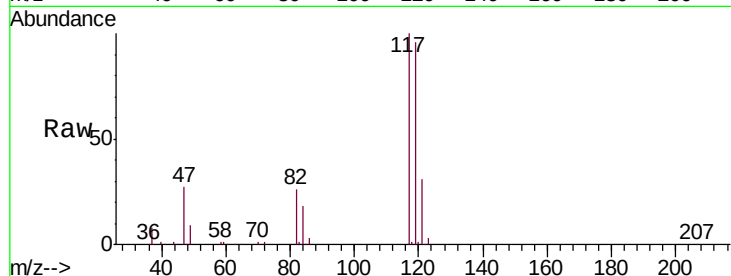
GALN0

Tgt Ion:117 Resp: 134549

Ion Ratio Lower Upper

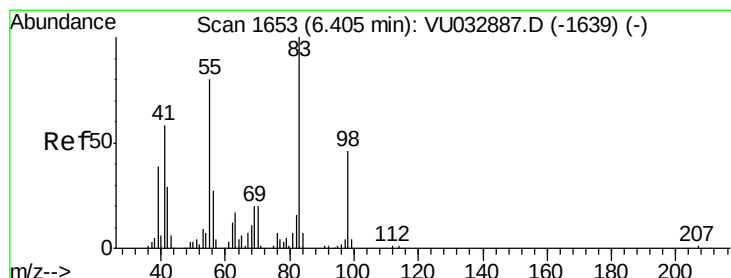
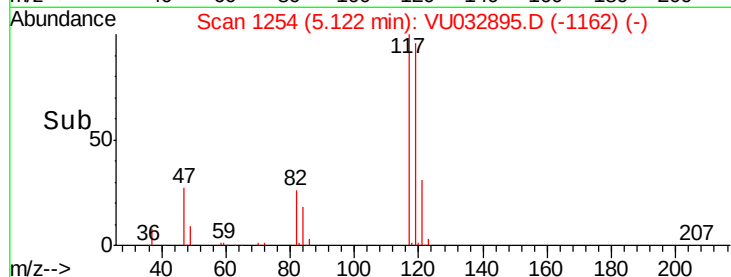
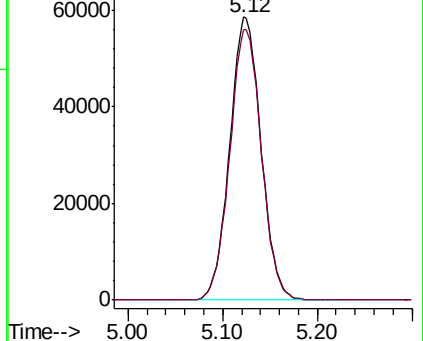
117 100

119 96.4 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: 0.658 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.08 min

Lab File: VU032895.D

Acq: 20 Jun 2019 12:13

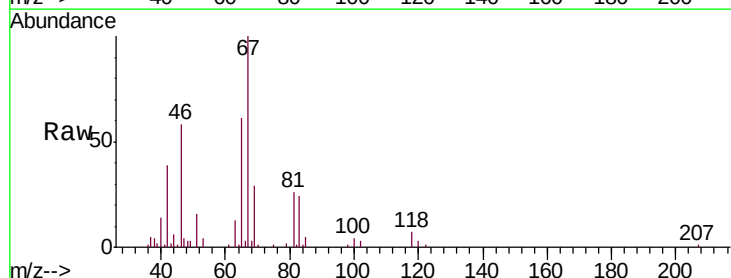
Tgt Ion: 83 Resp: 8151

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

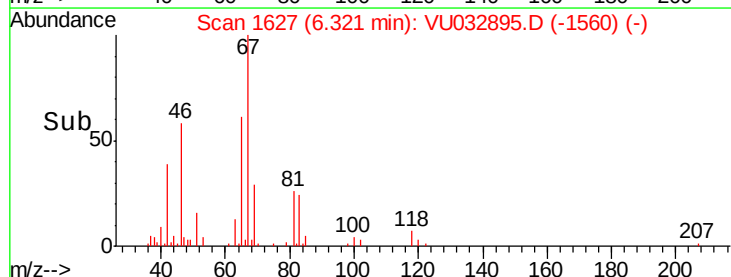
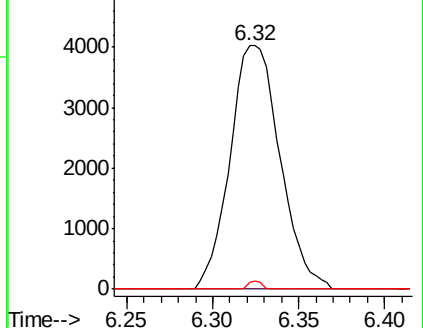
98 0.9 37.8 56.8#

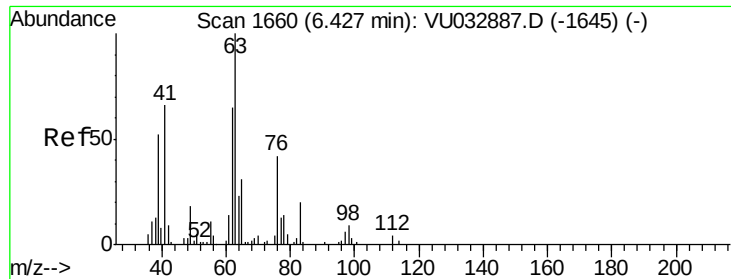


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

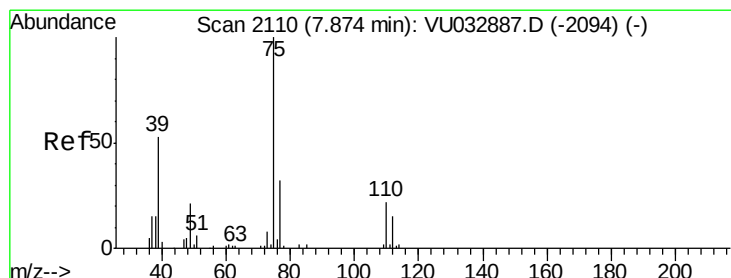
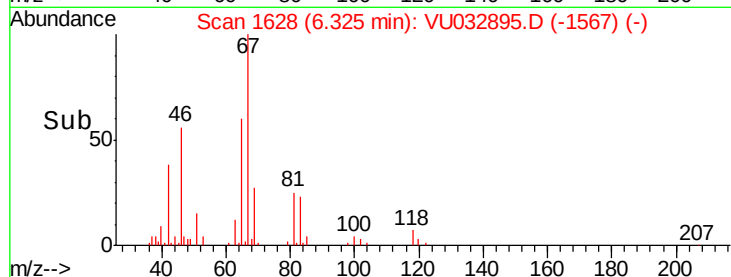
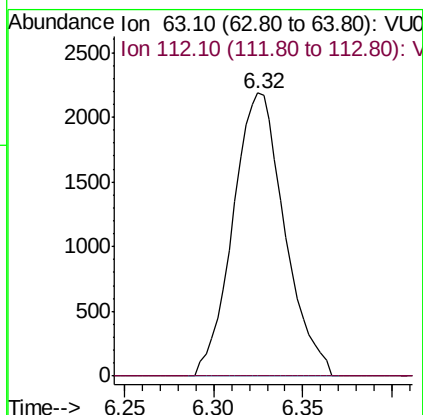
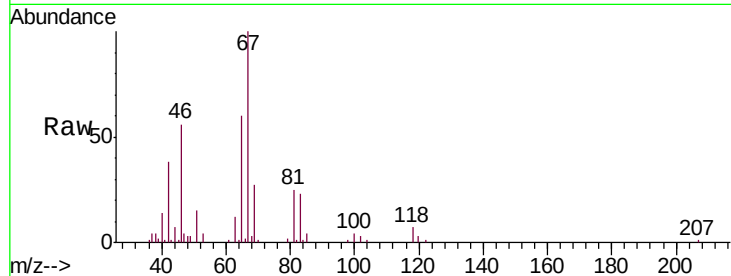




#37
 1,2-Dichloropropane
 Concen: 0.638 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032895.D
 Acq: 20 Jun 2019 12:13

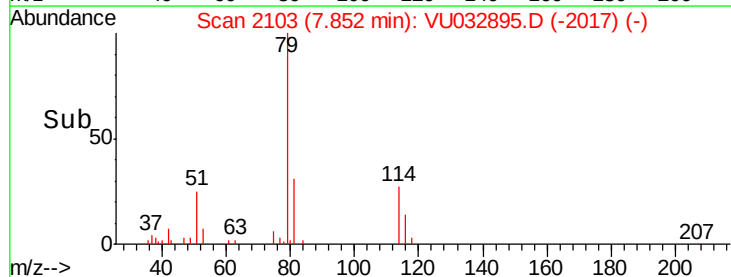
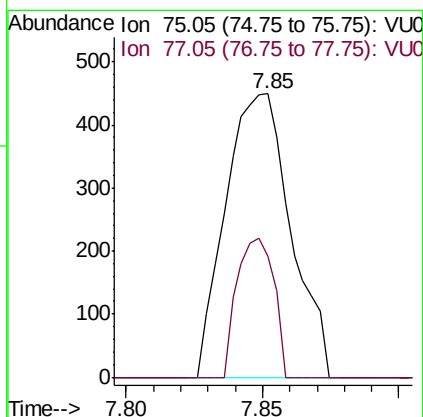
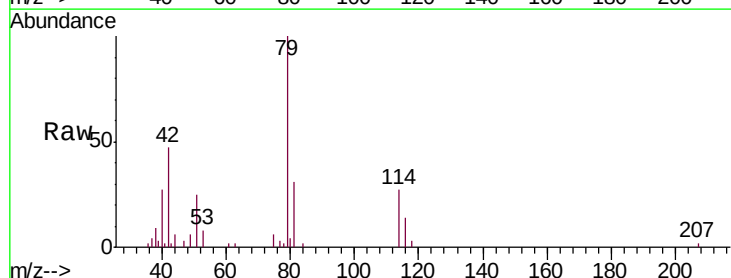
Instrument :
 MSVOA_U
 ClientSampleId :
 GALN0

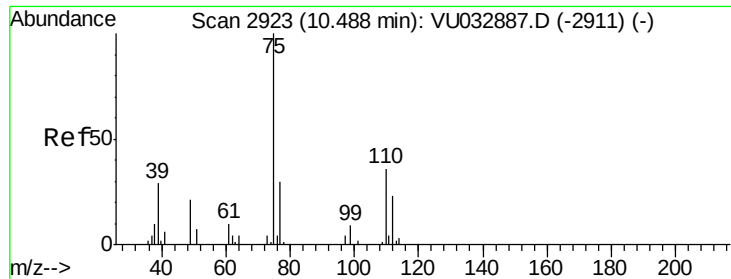
Tgt Ion: 63 Resp: 4418
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: VU032895.D
 Acq: 20 Jun 2019 12:13

Tgt Ion: 75 Resp: 746
 Ion Ratio Lower Upper
 75 100
 77 42.8 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 1.272 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032895.D

Acq: 20 Jun 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

GALNO

Tgt Ion: 75 Resp: 5784

Ion Ratio Lower Upper

75 100

77 40.3 25.3 37.9#

