

Data File : VU032896.D
Acq On : 20 Jun 2019 12:37
Operator : JC/SP
Sample : K3414-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALN1

Quant Time: Jun 21 05:31:48 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	90654	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	91957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24138	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.68	69	22170	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	41067	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.19	46	100384	61.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.06%
24) Chloroform-d	4.64	84	57553	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.31	65	34148	6.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.80%
32) Benzene-d6	5.33	84	107292	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.32	67	36608	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.56	98	95843	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	14831	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.31	63	74504	49.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32180	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	42442	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

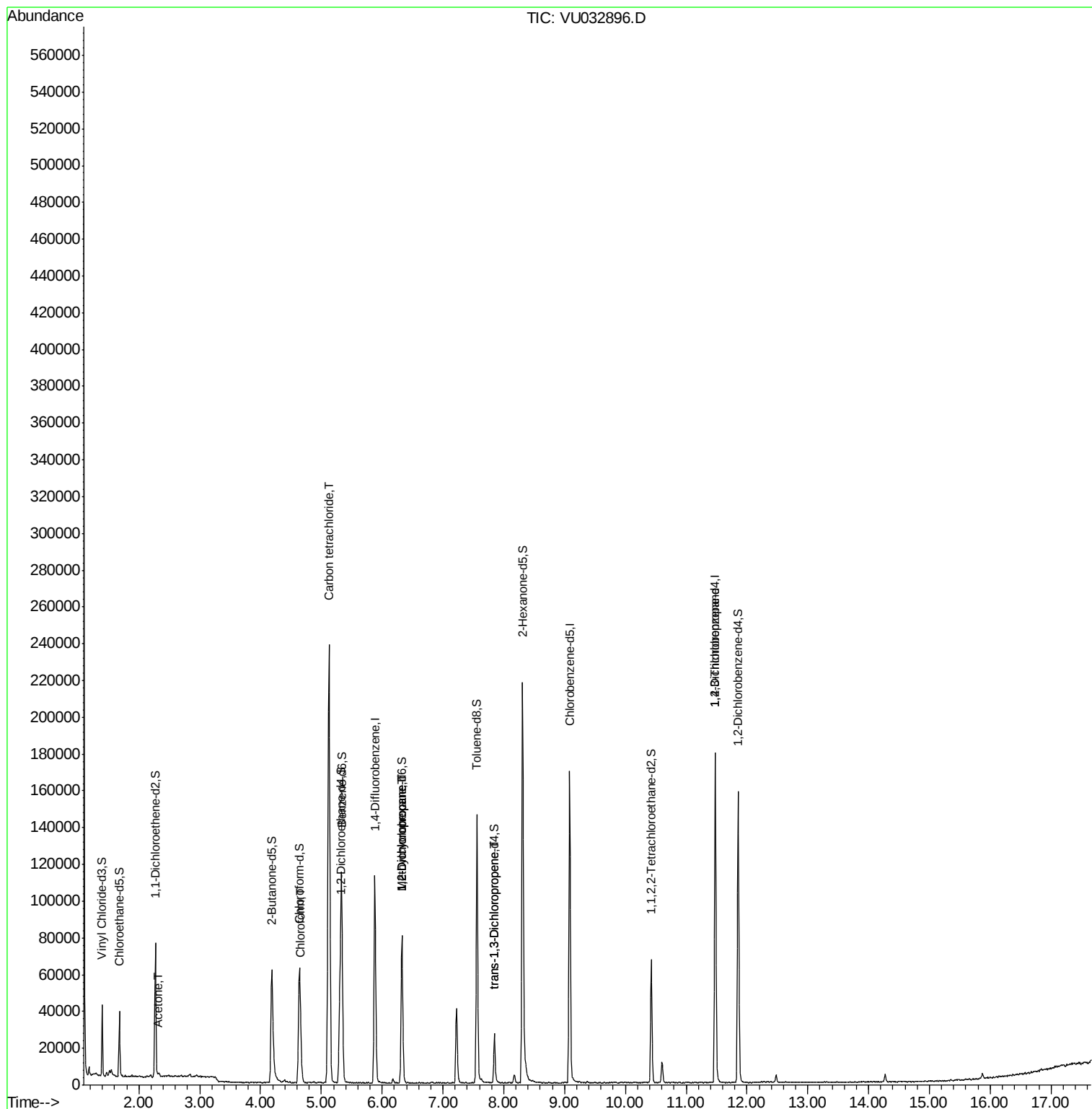
					Qvalue
13) Acetone	2.32	43	1636	1.281	ug/L 99
25) Chloroform	4.67	83	8145	0.717	ug/L 93
31) Carbon tetrachloride	5.13	117	164379	16.134	ug/L 99
35) Methylcyclohexane	6.32	83	8220	0.655	ug/L # 19
37) 1,2-Dichloropropane	6.32	63	4288	0.611	ug/L # 89
44) trans-1,3-Dichloropropene	7.85	75	713	0.083	ug/L # 71
59) 1,2,3-Trichloropropene	11.48	75	6103	1.325	ug/L # 85

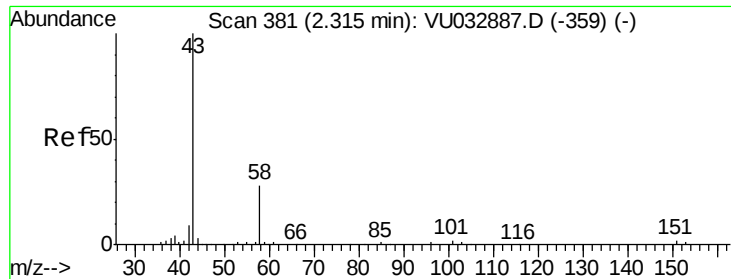
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.281 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032896.D

Acq: 20 Jun 2019 12:37

Instrument :

MSVOA_U

ClientSampled :

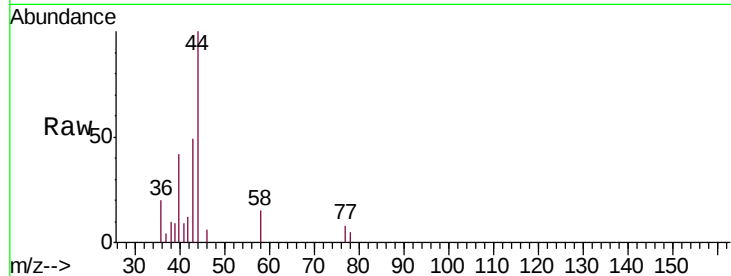
GALN1

Tgt Ion: 43 Resp: 1636

Ion Ratio Lower Upper

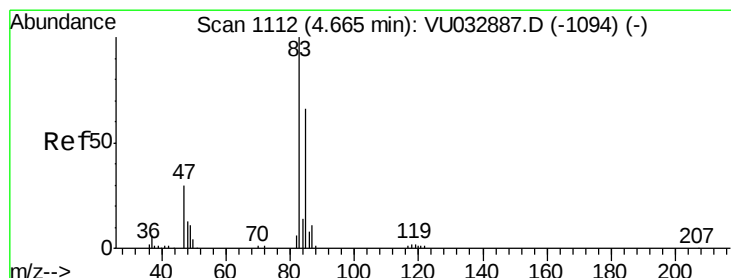
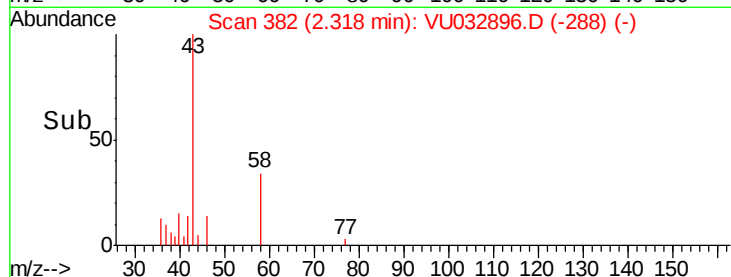
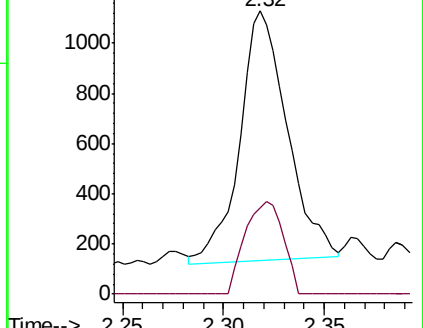
43 100

58 30.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032887.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU032887.D (-359) (-)



#25

Chloroform

Concen: 0.717 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU032896.D

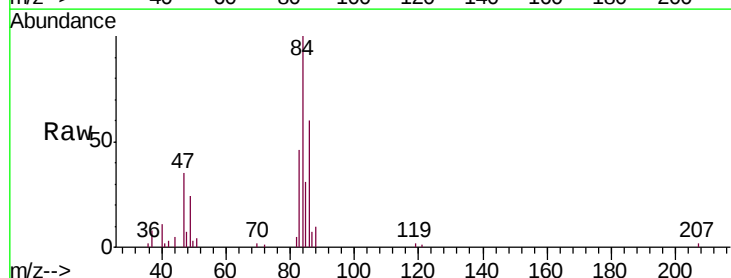
Acq: 20 Jun 2019 12:37

Tgt Ion: 83 Resp: 8145

Ion Ratio Lower Upper

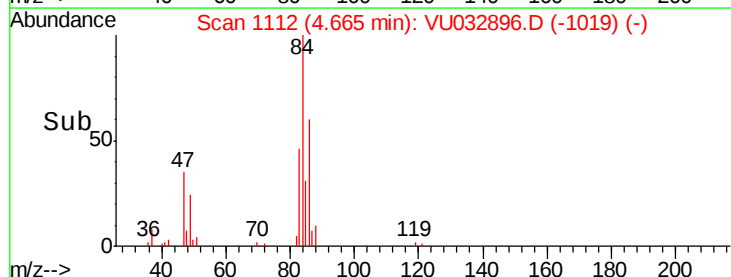
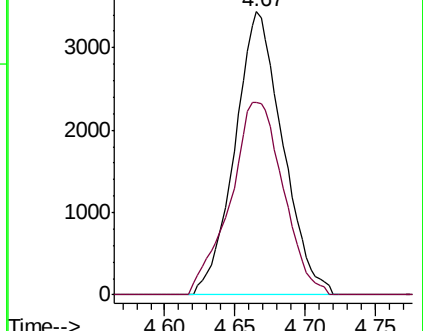
83 100

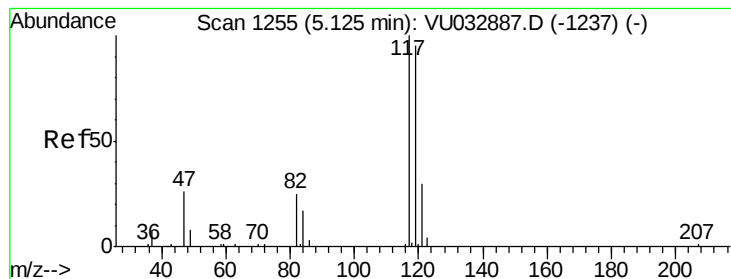
85 67.9 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU032887.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU032887.D (-1094) (-)





#31

Carbon tetrachloride

Concen: 16.134 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU032896.D

Acq: 20 Jun 2019 12:37

Instrument :

MSVOA_U

ClientSampleId :

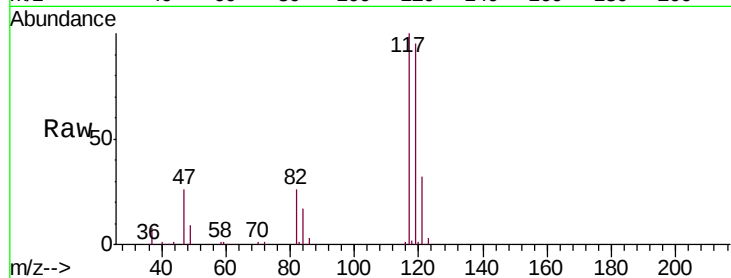
GALN1

Tgt Ion: 117 Resp: 164379

Ion Ratio Lower Upper

117 100

119 96.6 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.13

80000

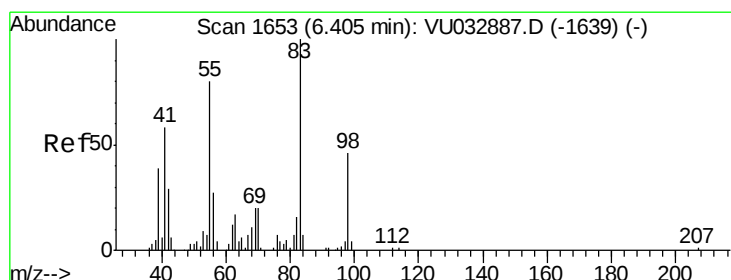
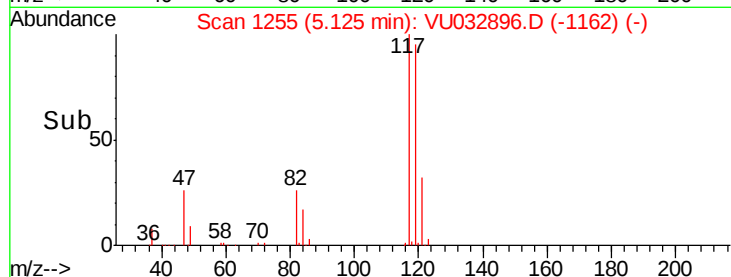
60000

40000

20000

0

Time--> 5.00 5.10 5.20



#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032896.D

Acq: 20 Jun 2019 12:37

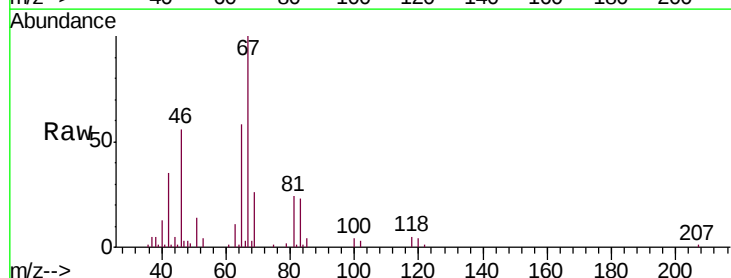
Tgt Ion: 83 Resp: 8220

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

98 0.5 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

6000

5000

4000

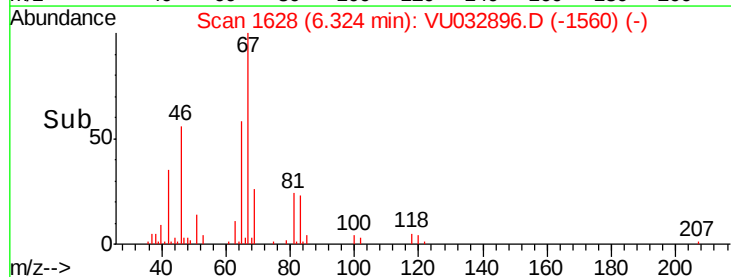
3000

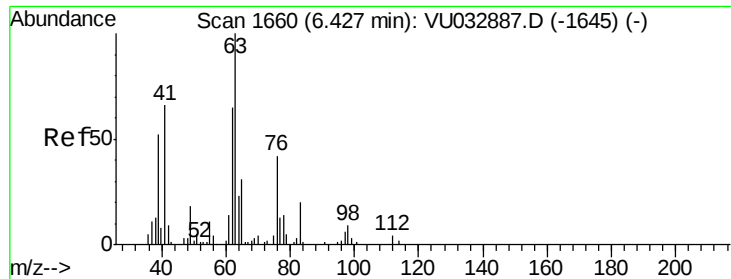
2000

1000

0

Time--> 6.25 6.30 6.35

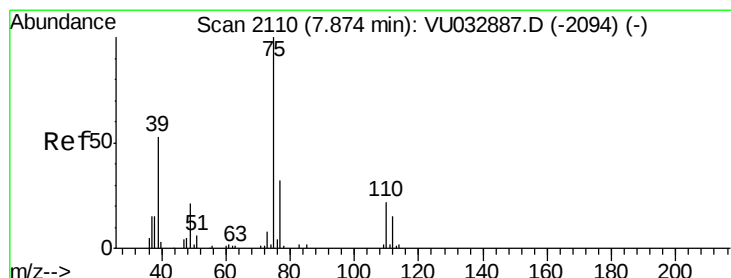
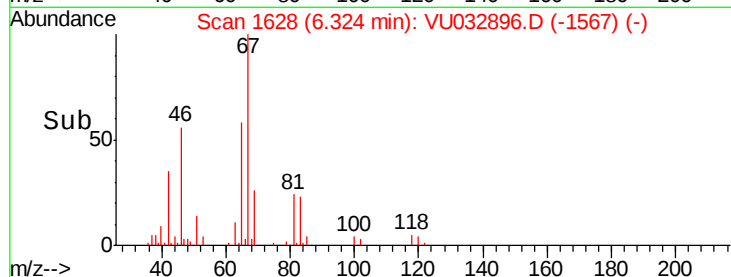
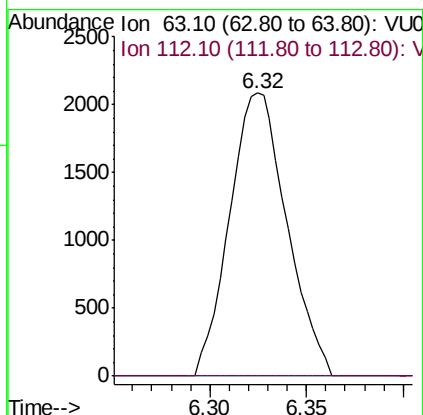
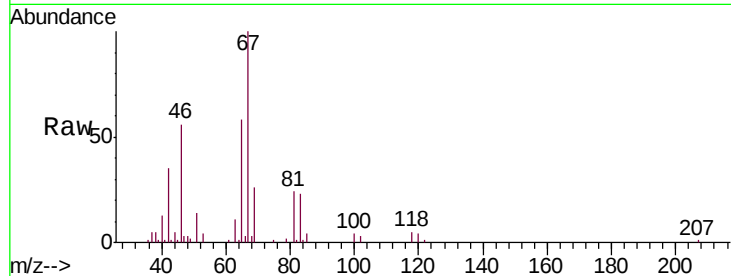




#37
 1,2-Dichloropropane
 Concen: 0.611 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032896.D
 Acq: 20 Jun 2019 12:37

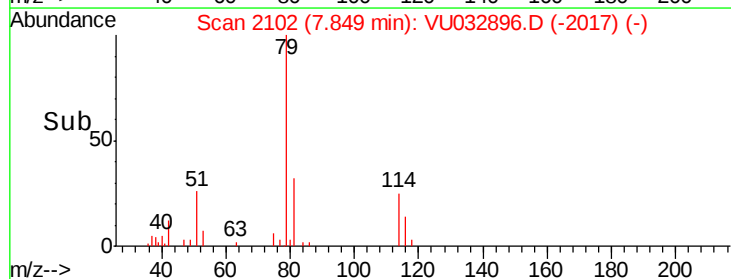
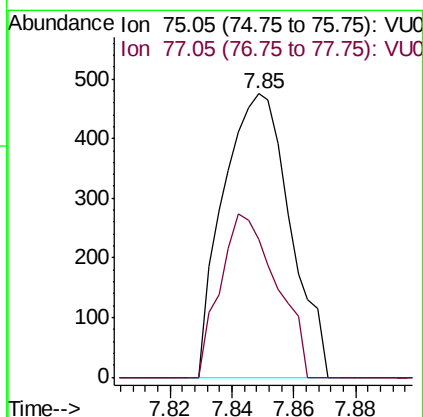
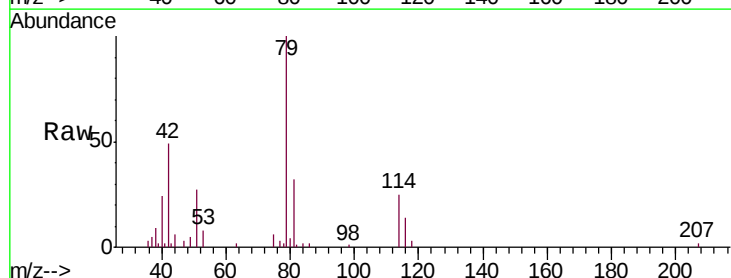
Instrument :
 MSVOA_U
 ClientSampleId :
 GALN1

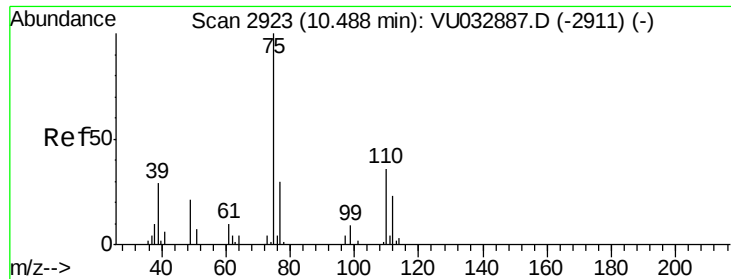
Tgt Ion: 63 Resp: 4288
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032896.D
 Acq: 20 Jun 2019 12:37

Tgt Ion: 75 Resp: 713
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 1.325 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032896.D

Acq: 20 Jun 2019 12:37

Instrument :

MSVOA_U

ClientSampleId :

GALN1

Tgt Ion: 75 Resp: 6103

Ion Ratio Lower Upper

75 100

77 39.7 25.3 37.9#

