

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
 Data File : VU032402.D
 Acq On : 03 Jun 2019 18:57
 Operator : JC/SP
 Sample : K3081-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE6

Quant Time: Jun 04 08:59:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 08:55:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	106977	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	98997	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41742	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.68	69	35921	3.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.80%
11) 1,1-Dichloroethene-d2	2.27	63	66780	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.20	46	113094	48.40	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.80%
24) Chloroform-d	4.64	84	68738	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	39690	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.33	84	129937	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.33	67	44781	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.56	98	122114	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	19429	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.31	63	91715	48.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35193	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	41557	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

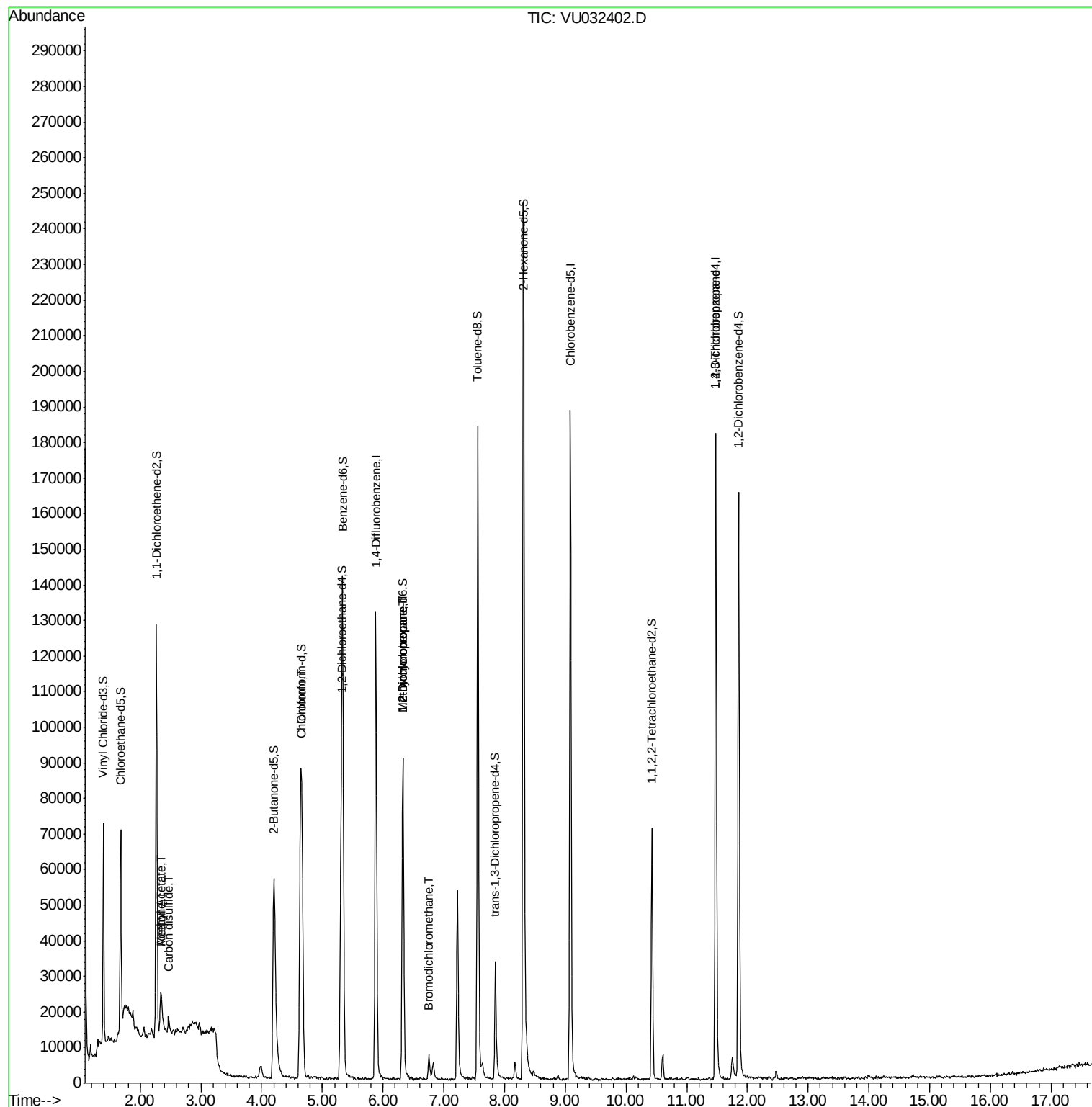
					Qvalue
13) Acetone	2.34	43	18964	4.858	ug/L 100
14) Carbon disulfide	2.47	76	5593	0.114	ug/L # 90
15) Methyl Acetate	2.34	43	16187	1.730	ug/L # 54
25) Chloroform	4.67	83	52329	1.865	ug/L 100
35) Methylcyclohexane	6.33	83	10463	0.400	ug/L # 19
37) 1,2-Dichloropropane	6.33	63	4590	0.292	ug/L # 90
38) Bromodichloromethane	6.76	83	4672	0.226	ug/L 88
59) 1,2,3-Trichloropropane	11.48	75	6283	0.614	ug/L 90

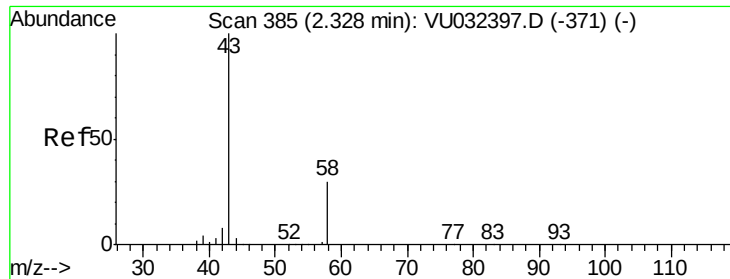
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.858 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: VU032402.D

Acq: 03 Jun 2019 18:57

Instrument :

MSVOA_U

ClientSampleId :

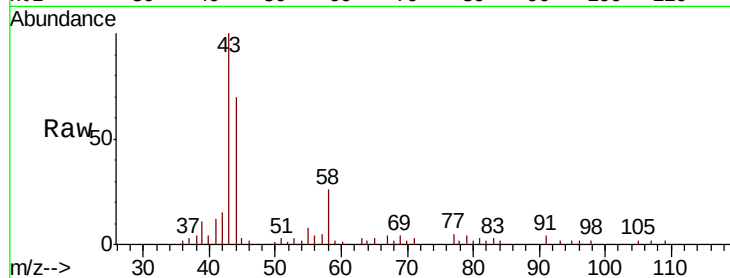
GALE6

Tgt Ion: 43 Resp: 18964

Ion Ratio Lower Upper

43 100

58 31.0 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VU032402.D (-292) (-)

Ion 58.05 (57.75 to 58.75): VU032402.D (-292) (-)

2.34

8000

6000

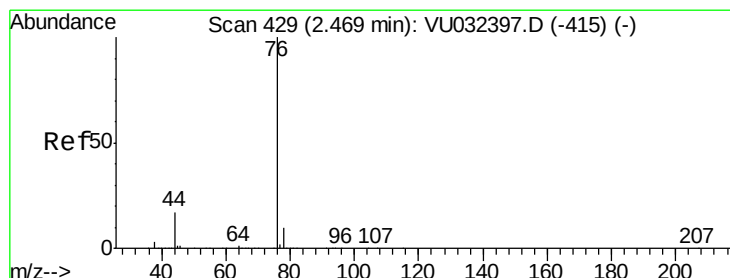
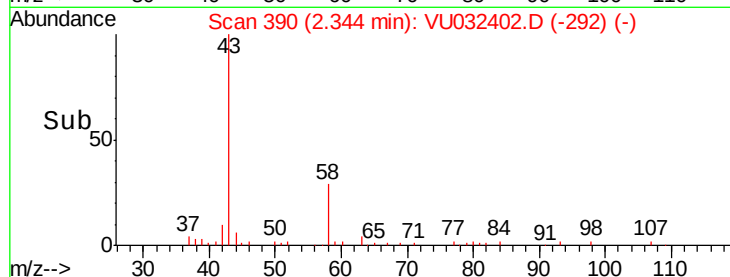
4000

2000

0

Time-->

2.30 2.40



#14

Carbon disulfide

Concen: 0.114 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032402.D

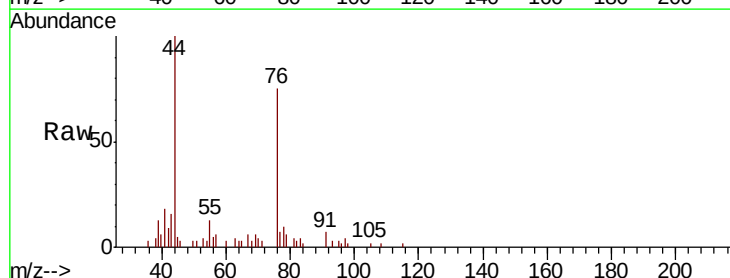
Acq: 03 Jun 2019 18:57

Tgt Ion: 76 Resp: 5593

Ion Ratio Lower Upper

76 100

78 13.0 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VU032402.D (-336) (-)

Ion 78.00 (77.70 to 78.70): VU032402.D (-336) (-)

2.47

4000

3000

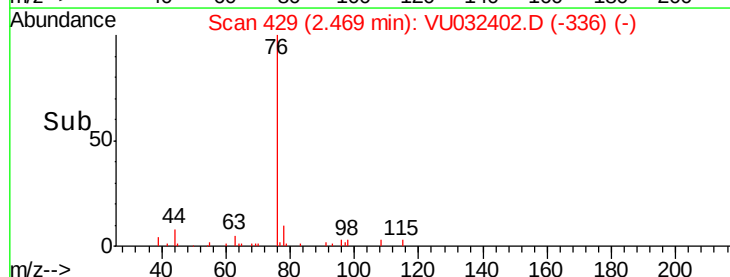
2000

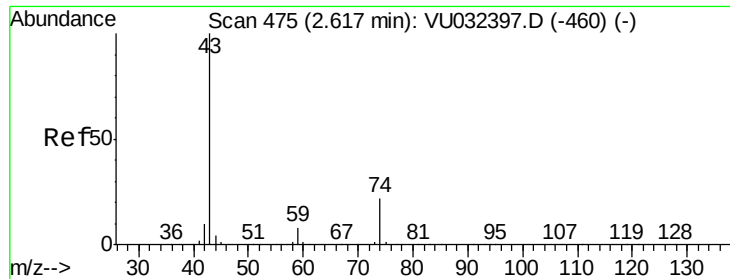
1000

0

Time-->

2.40 2.45 2.50





#15

Methyl Acetate

Concen: 1.730 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.27 min

Lab File: VU032402.D

Acq: 03 Jun 2019 18:57

Instrument :

MSVOA_U

ClientSampleId :

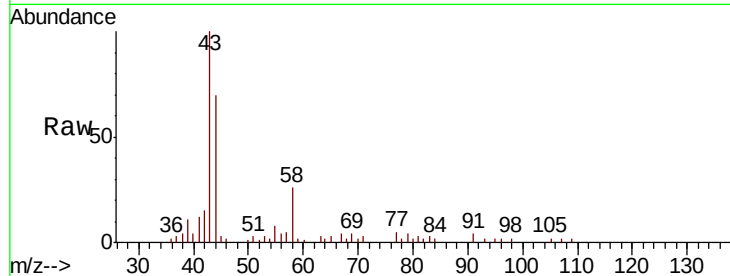
GALE6

Tgt Ion: 43 Resp: 16187

Ion Ratio Lower Upper

43 100

74 0.0 17.7 26.5#



Abundance Ion 43.05 (42.75 to 43.75): VU032397.D (-460) (-)

Ion 74.05 (73.75 to 74.75): VU032397.D (-460) (-)

2.34

8000

6000

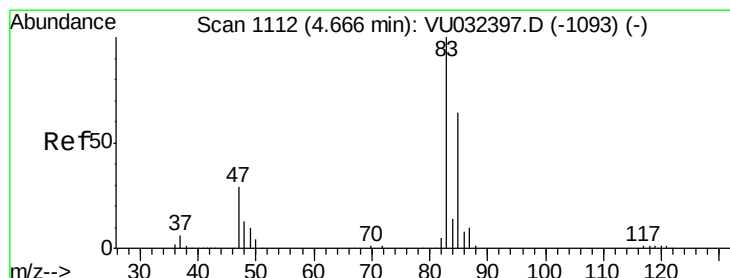
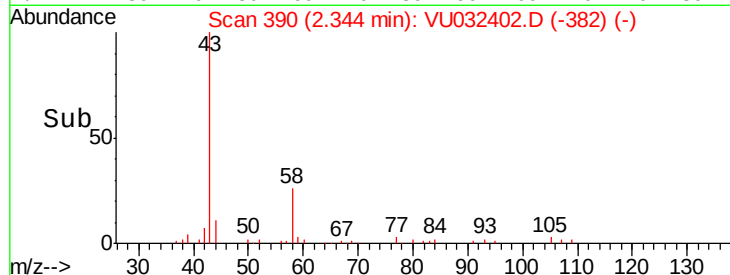
4000

2000

0

Time-->

2.30 2.35 2.40 2.45



#25

Chloroform

Concen: 1.865 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU032402.D

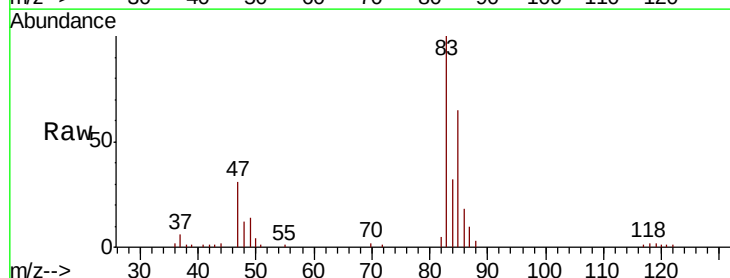
Acq: 03 Jun 2019 18:57

Tgt Ion: 83 Resp: 52329

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU032397.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU032397.D (-1093) (-)

4.67

25000

20000

15000

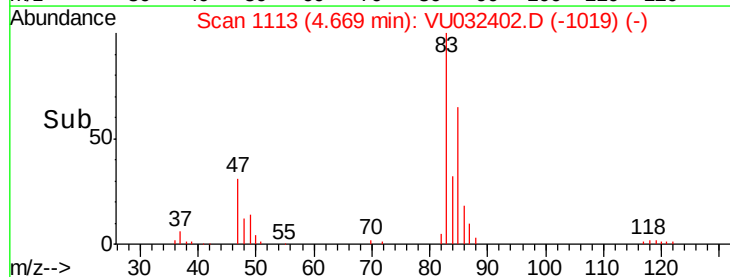
10000

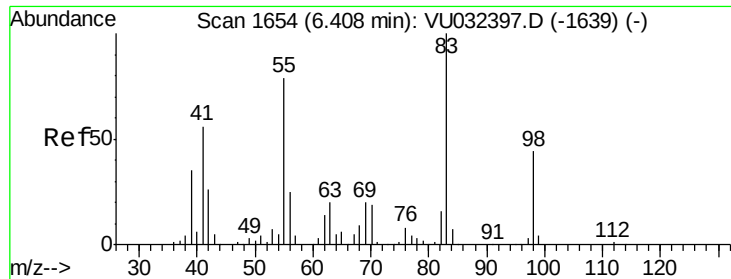
5000

0

Time-->

4.55 4.60 4.65 4.70 4.75

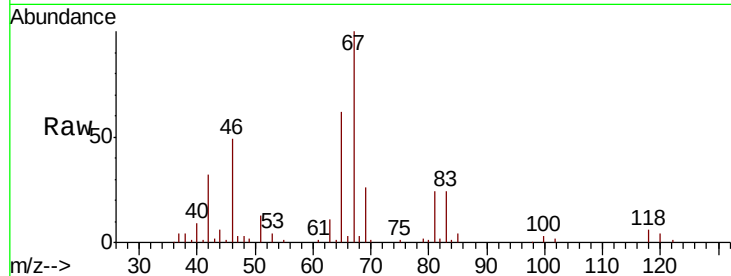




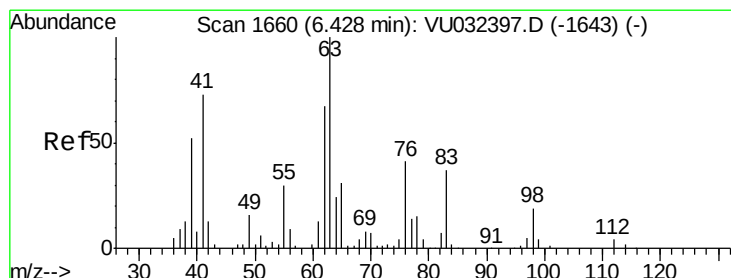
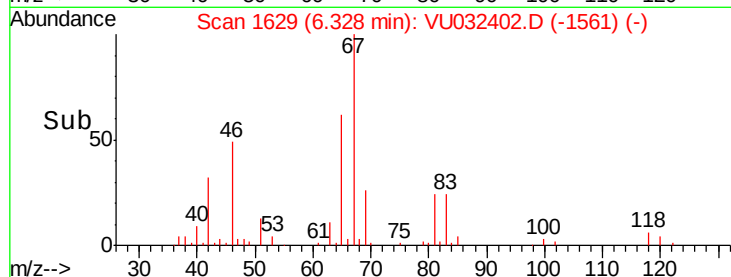
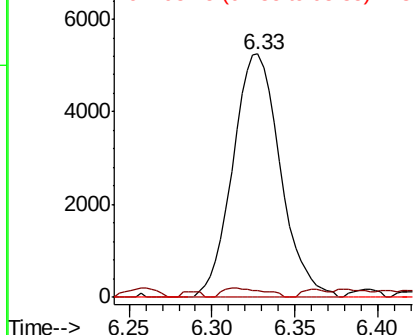
#35
Methylcyclohexane
Concen: 0.400 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032402.D
Acq: 03 Jun 2019 18:57

Instrument :
MSVOA_U
ClientSampleId :
GALE6

Tgt Ion: 83 Resp: 10463
Ion Ratio Lower Upper
83 100
55 3.2 64.7 97.1#
98 0.0 35.9 53.9#

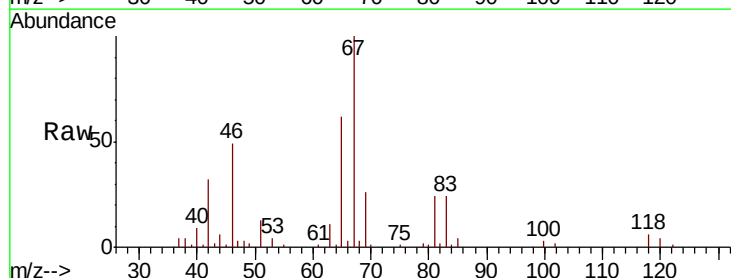


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

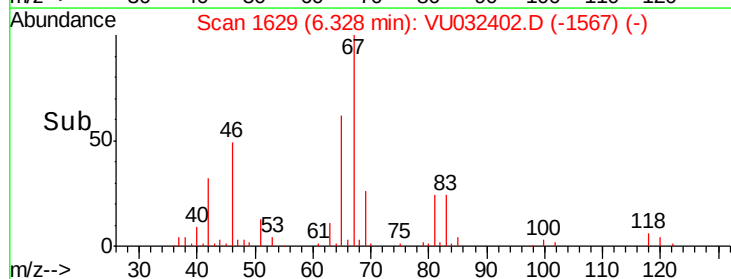
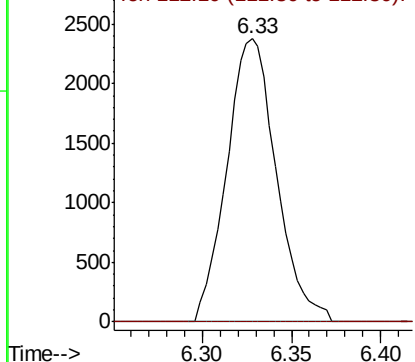


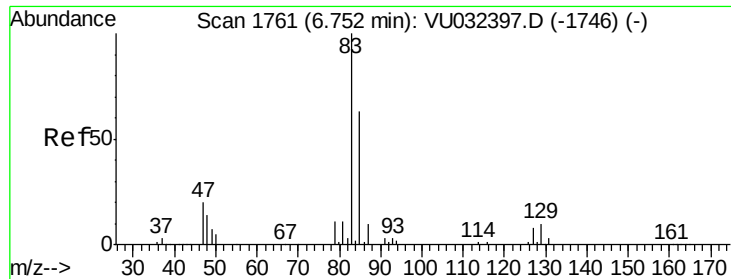
#37
1,2-Dichloropropane
Concen: 0.292 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032402.D
Acq: 03 Jun 2019 18:57

Tgt Ion: 63 Resp: 4590
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



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





#38

Bromodichloromethane

Concen: 0.226 ug/L

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU032402.D

Acq: 03 Jun 2019 18:57

Instrument :

MSVOA_U

ClientSampleId :

GALE6

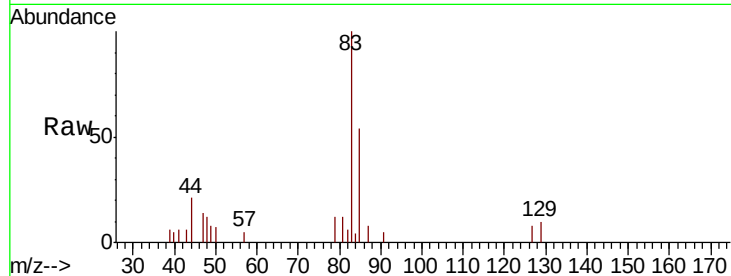
Tgt Ion: 83 Resp: 4672

Ion Ratio Lower Upper

83 100

85 53.9 45.4 84.4

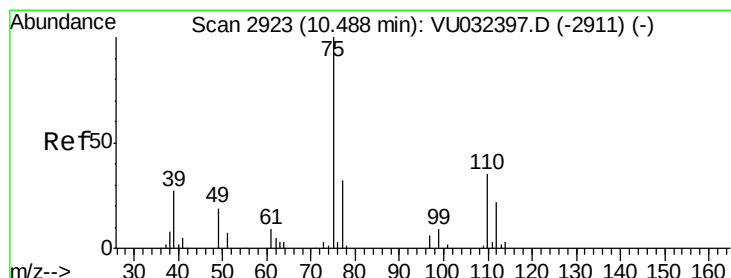
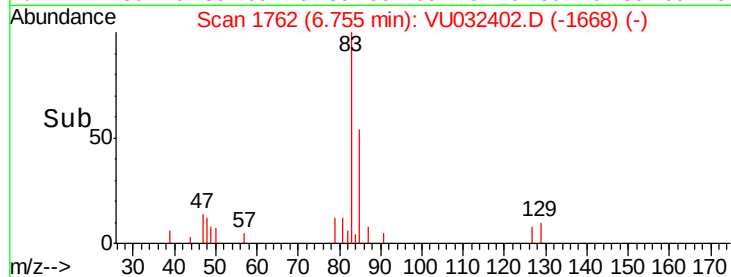
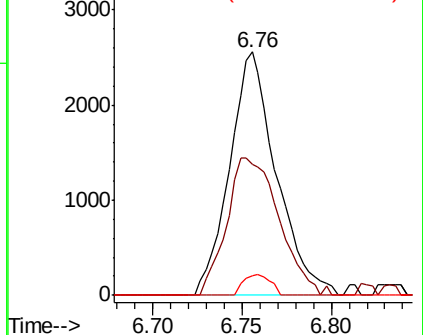
127 8.2 6.5 9.7



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.614 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032402.D

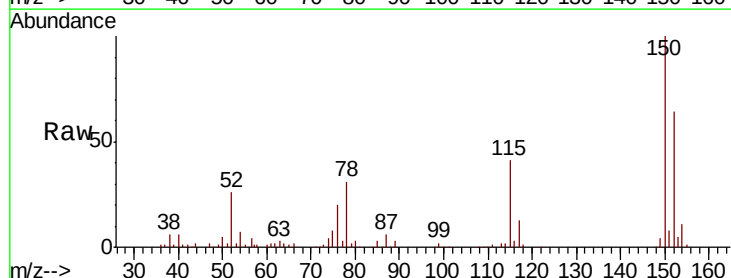
Acq: 03 Jun 2019 18:57

Tgt Ion: 75 Resp: 6283

Ion Ratio Lower Upper

75 100

77 38.2 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

