

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
 Data File : VU032404.D
 Acq On : 03 Jun 2019 19:46
 Operator : JC/SP
 Sample : K3081-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE5

Quant Time: Jun 04 08:59:40 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	106175	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	99724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44923	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41708	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.67	69	33616	3.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.00%#
11) 1,1-Dichloroethene-d2	2.27	63	66855	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.18	46	103384	44.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.16%
24) Chloroform-d	4.64	84	66935	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.31	65	38642	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.33	84	130781	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.32	67	43765	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.56	98	124450	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.85	79	18947	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.31	63	83957	43.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34190	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	41146	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

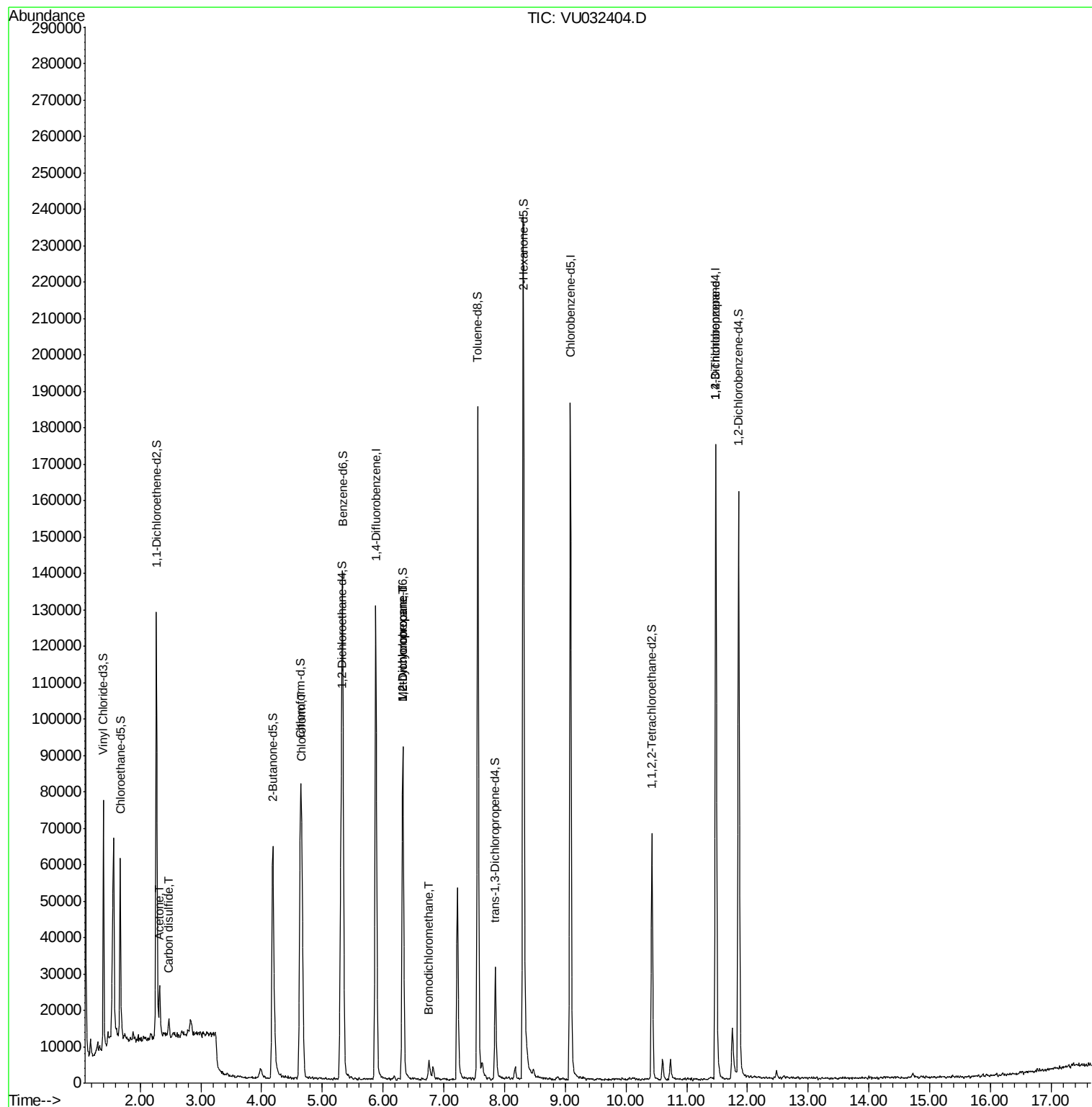
					Qvalue
13) Acetone	2.32	43	14514	3.746	ug/L 97
14) Carbon disulfide	2.47	76	5158	0.106	ug/L # 90
25) Chloroform	4.67	83	41422	1.487	ug/L 99
35) Methylcyclohexane	6.32	83	9920	0.377	ug/L # 17
37) 1,2-Dichloropropane	6.32	63	5000	0.315	ug/L # 90
38) Bromodichloromethane	6.75	83	3536	0.170	ug/L 96
59) 1,2,3-Trichloropropane	11.48	75	6188	0.601	ug/L # 80

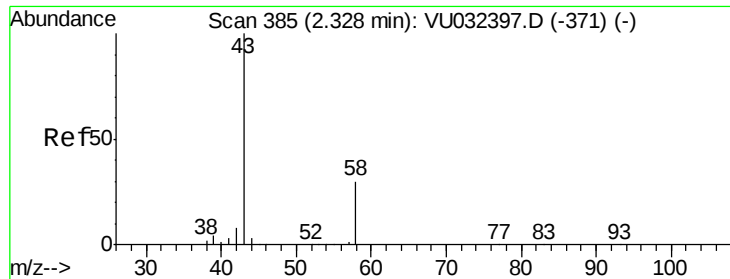
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.746 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU032404.D

Acq: 03 Jun 2019 19:46

Instrument :

MSVOA_U

ClientSampled :

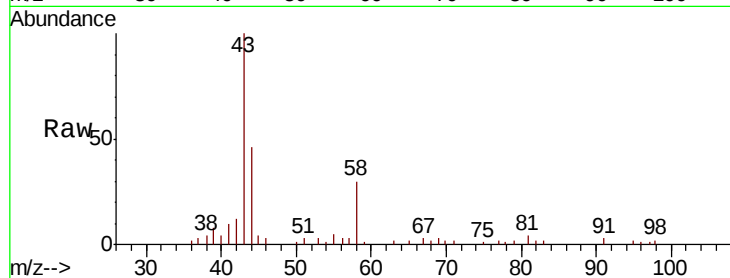
GALE5

Tgt Ion: 43 Resp: 14514

Ion Ratio Lower Upper

43 100

58 32.7 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VU032397.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU032397.D (-371) (-)

2.32

10000

8000

6000

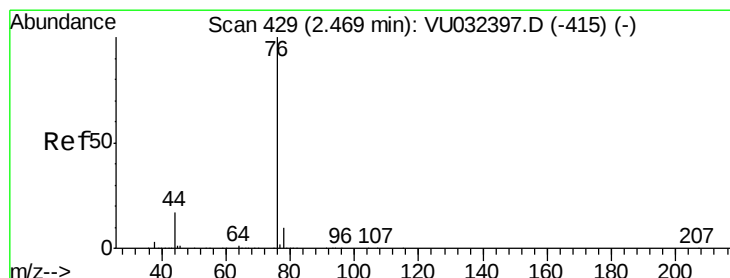
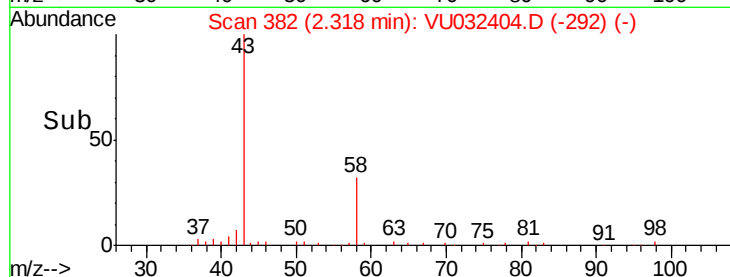
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon disulfide

Concen: 0.106 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032404.D

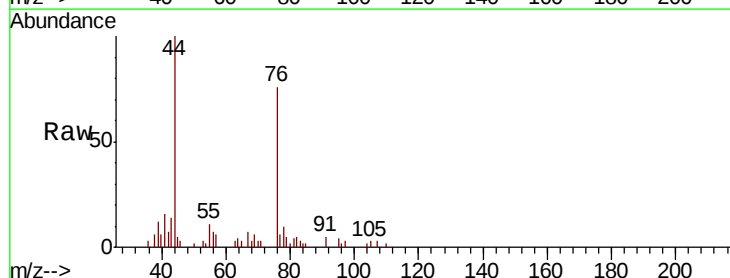
Acq: 03 Jun 2019 19:46

Tgt Ion: 76 Resp: 5158

Ion Ratio Lower Upper

76 100

78 13.0 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VU032397.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU032397.D (-415) (-)

2.47

4000

3000

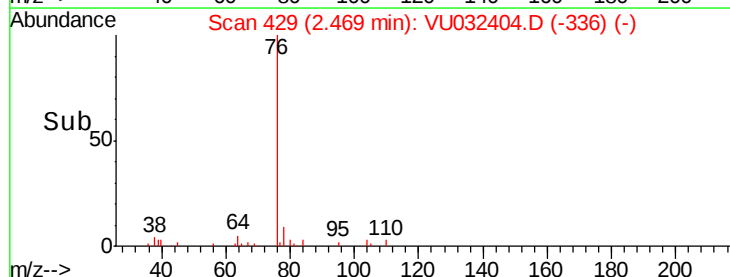
2000

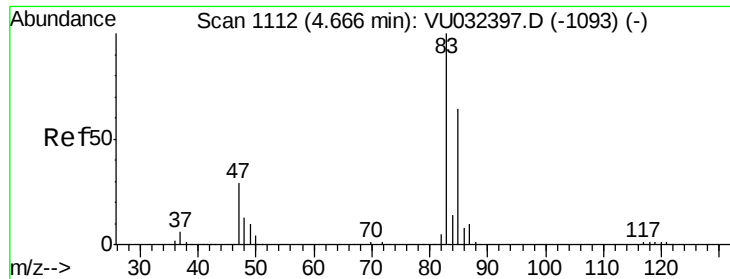
1000

0

Time-->

2.45 2.50

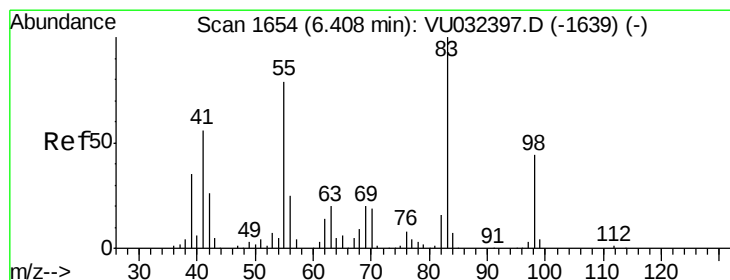
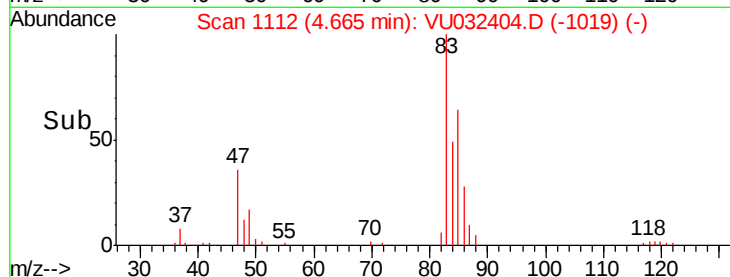
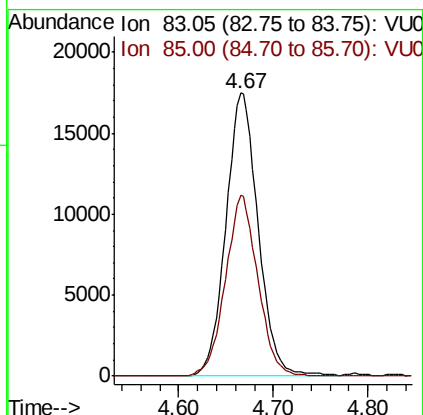
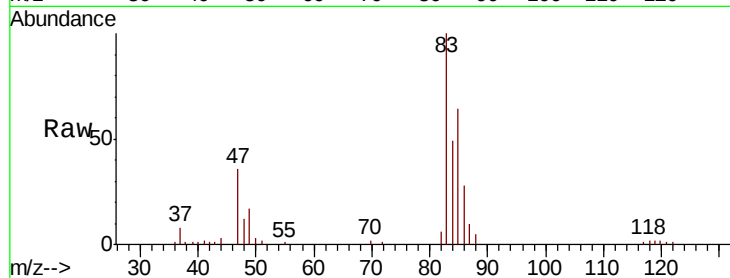




#25
Chloroform
Concen: 1.487 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032404.D
Acq: 03 Jun 2019 19:46

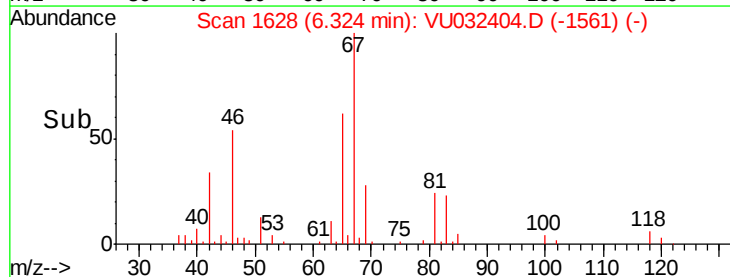
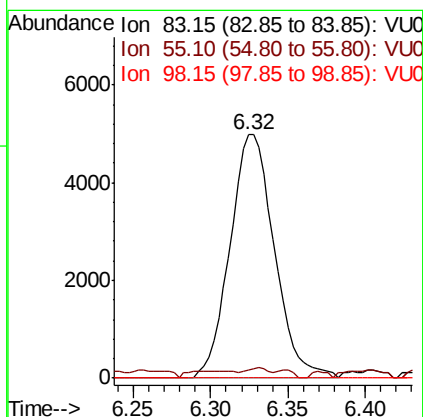
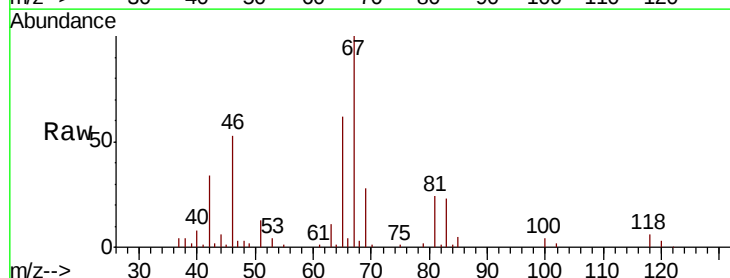
Instrument :
MSVOA_U
ClientSampleId :
GALE5

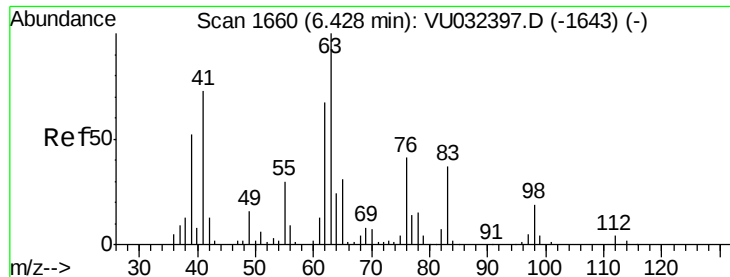
Tgt Ion: 83 Resp: 41422
Ion Ratio Lower Upper
83 100
85 64.1 45.3 84.1



#35
Methylcyclohexane
Concen: 0.377 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032404.D
Acq: 03 Jun 2019 19:46

Tgt Ion: 83 Resp: 9920
Ion Ratio Lower Upper
83 100
55 0.7 64.7 97.1#
98 0.0 35.9 53.9#

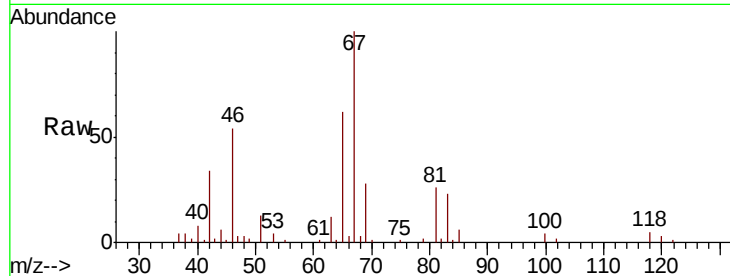




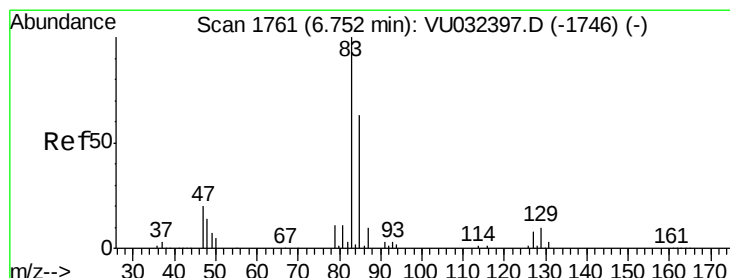
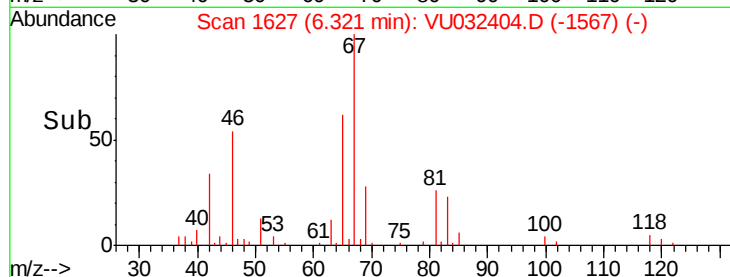
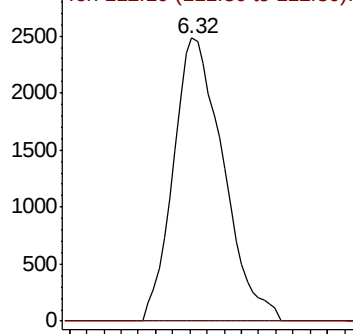
#37
 1,2-Dichloropropane
 Concen: 0.315 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032404.D
 Acq: 03 Jun 2019 19:46

Instrument :
 MSVOA_U
 ClientSampled :
 GALE5

Tgt Ion: 63 Resp: 5000
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#

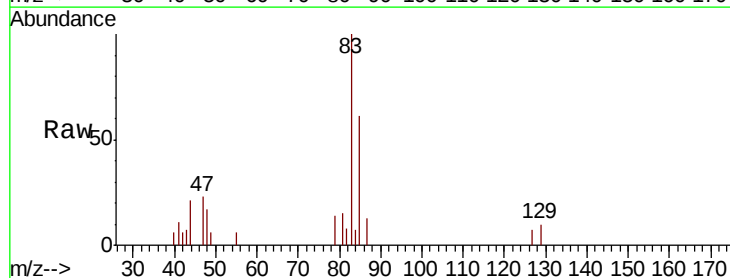


Abundance Ion 63.10 (62.80 to 63.80): VU032404.D (-1627) (-)
 Ion 112.10 (111.80 to 112.80): VU032404.D (-1627) (-)

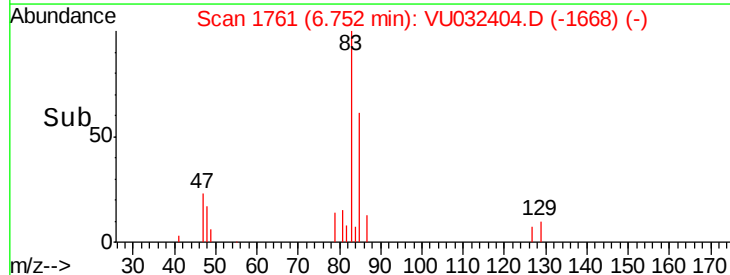
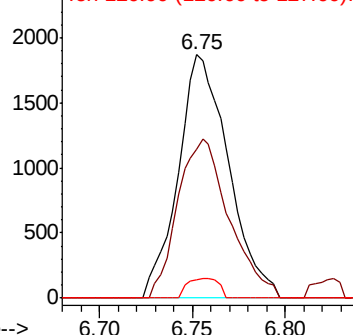


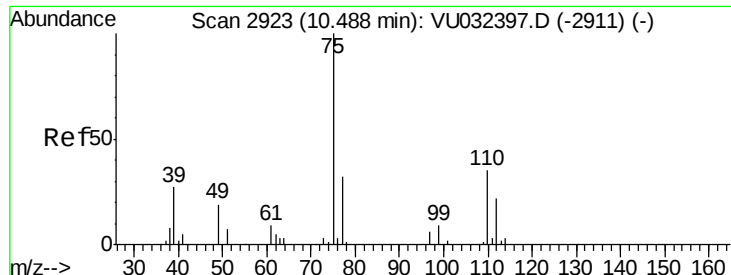
#38
 Bromodichloromethane
 Concen: 0.170 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: VU032404.D
 Acq: 03 Jun 2019 19:46

Tgt Ion: 83 Resp: 3536
 Ion Ratio Lower Upper
 83 100
 85 61.3 45.4 84.4
 127 7.5 6.5 9.7



Abundance Ion 82.95 (82.65 to 83.65): VU032404.D (-1761) (-)
 Ion 85.00 (84.70 to 85.70): VU032404.D (-1761) (-)
 Ion 126.90 (126.60 to 127.60): VU032404.D (-1761) (-)





#59

1,2,3-Trichloropropane

Concen: 0.601 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032404.D

Acq: 03 Jun 2019 19:46

Instrument :

MSVOA_U

ClientSampleId :

GALE5

Tgt Ion: 75 Resp: 6188

Ion Ratio Lower Upper

75 100

77 43.7 26.1 39.1#

