

Data File : VU032723.D
Acq On : 14 Jun 2019 15:11
Operator : JC/SP
Sample : VU0614WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK01

Quant Time: Jun 14 23:52:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	109678	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	102378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29970	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.67	69	26337	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	47778	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.18	46	97187	48.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.66%
24) Chloroform-d	4.64	84	64000	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.30	65	36839	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.33	84	125226	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.32	67	42006	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.56	98	113683	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	16897	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.31	63	83142	49.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35162	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	48364	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

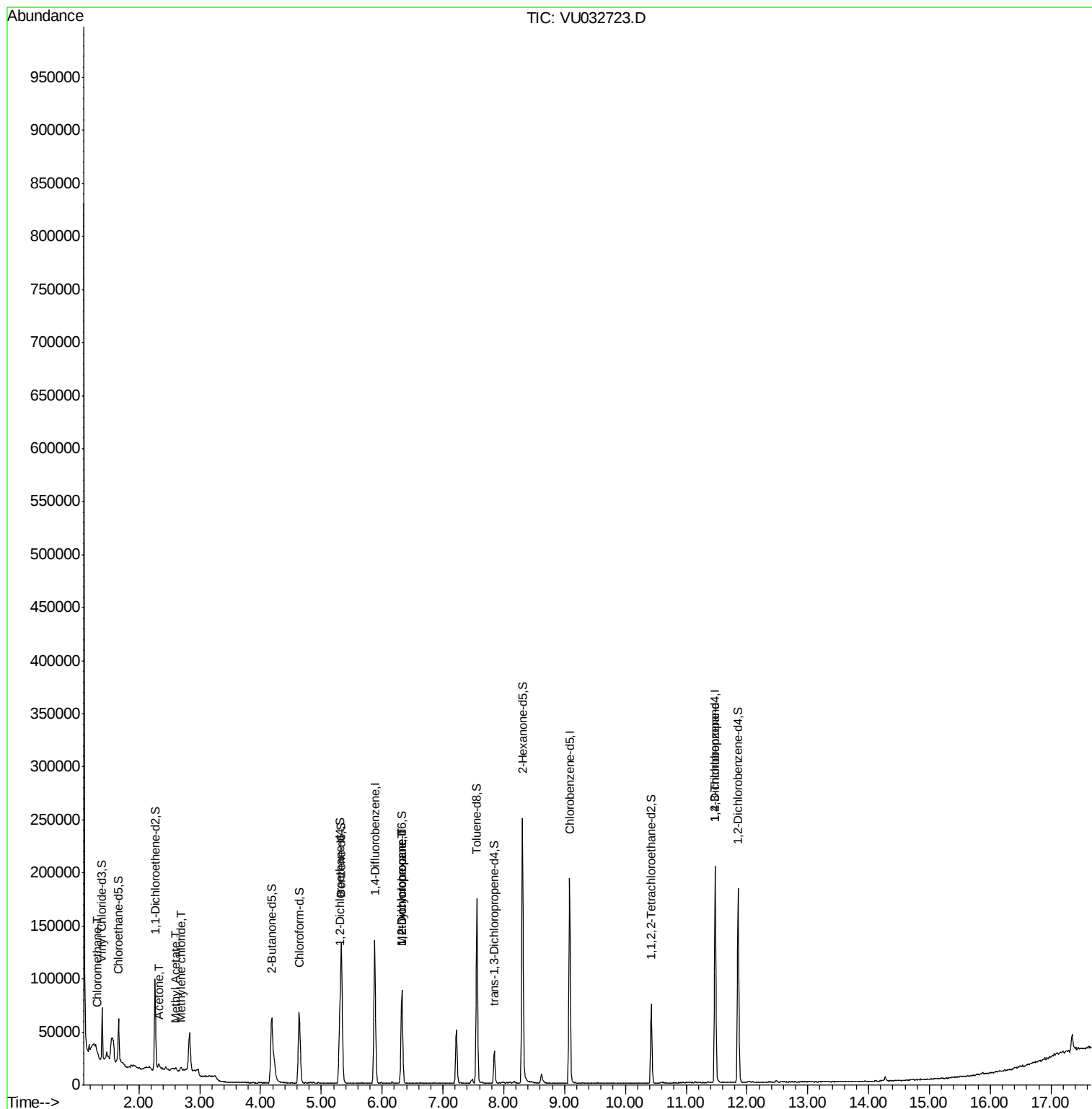
					Qvalue
3) Chloromethane	1.33	50	1388	0.142 ug/L	92
13) Acetone	2.32	43	2933	1.899 ug/L	96
15) Methyl Acetate	2.61	43	1104	0.260 ug/L #	86
16) Methylene chloride	2.69	84	1142	0.148 ug/L	95
35) Methylcyclohexane	6.32	83	9536	0.683 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4668	0.598 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	6741	1.314 ug/L #	85

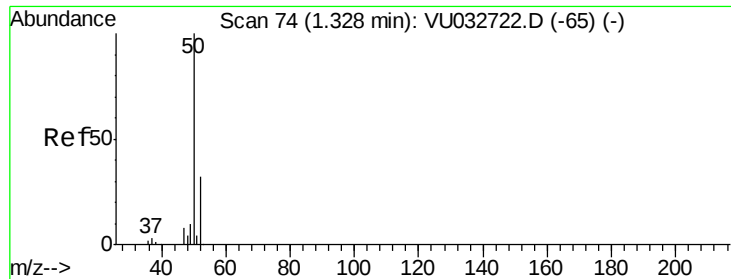
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.142 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

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Acq: 14 Jun 2019 15:11

Instrument :

MSVOA_U

ClientSampleId :

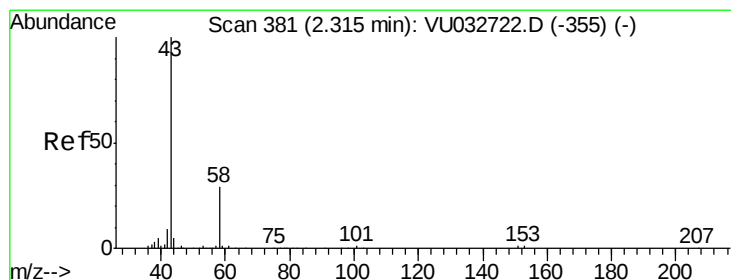
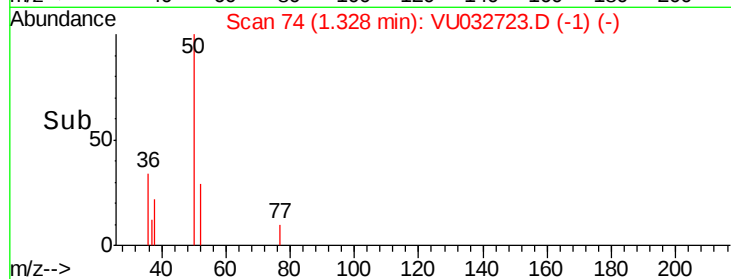
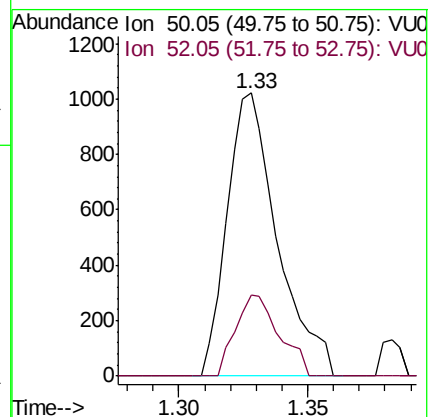
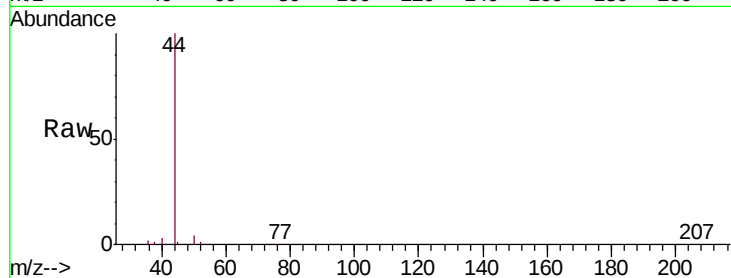
VBLK01

Tgt Ion: 50 Resp: 1388

Ion Ratio Lower Upper

50 100

52 28.6 23.2 43.2



#13

Acetone

Concen: 1.899 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032723.D

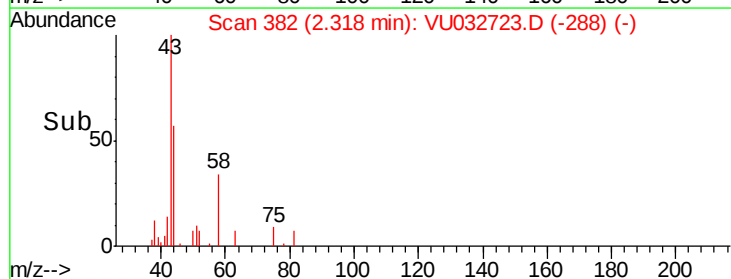
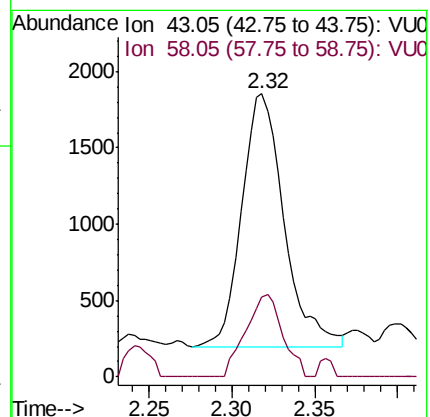
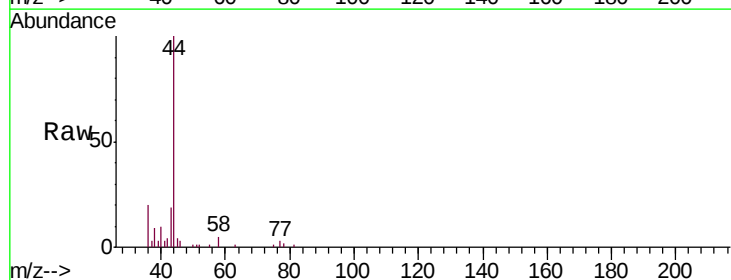
Acq: 14 Jun 2019 15:11

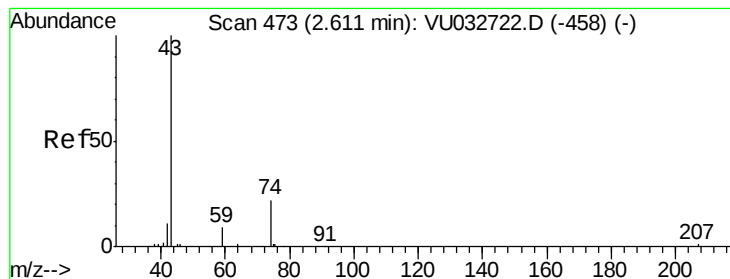
Tgt Ion: 43 Resp: 2933

Ion Ratio Lower Upper

43 100

58 28.3 0.0 60.8





#15

Methyl Acetate

Concen: 0.260 ug/L

RT: 2.61 min Scan# 473

Delta R.T. -0.00 min

Lab File: VU032723.D

Acq: 14 Jun 2019 15:11

Instrument :

MSVOA_U

ClientSampled :

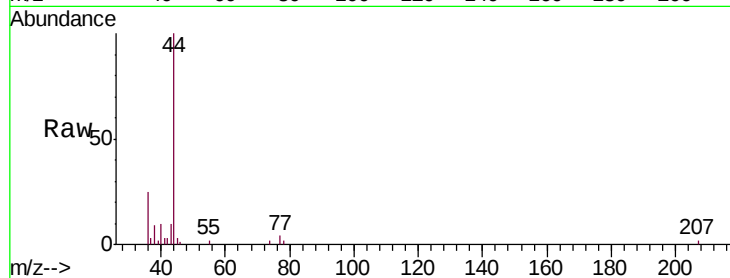
VBLK01

Tgt Ion: 43 Resp: 1104

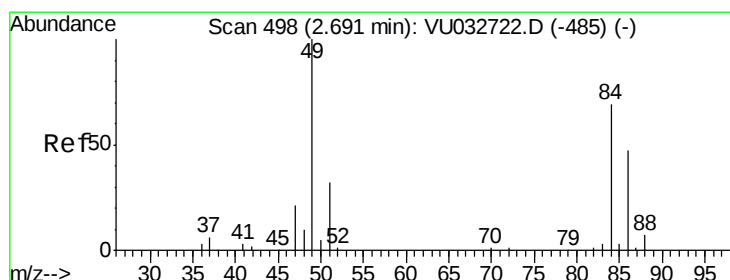
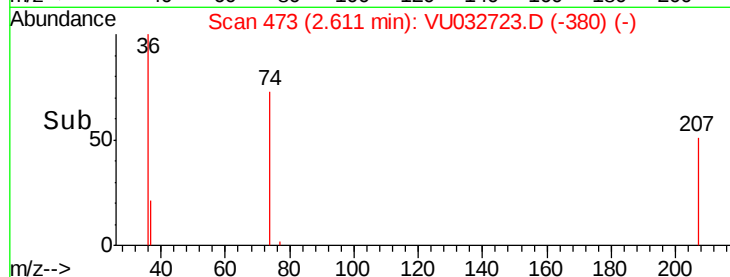
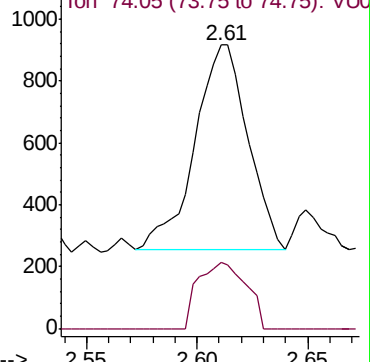
Ion Ratio Lower Upper

43 100

74 29.1 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032723.D (-380) (-)



#16

Methylene chloride

Concen: 0.148 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032723.D

Acq: 14 Jun 2019 15:11

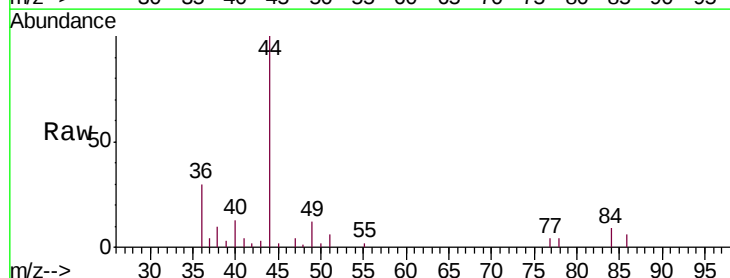
Tgt Ion: 84 Resp: 1142

Ion Ratio Lower Upper

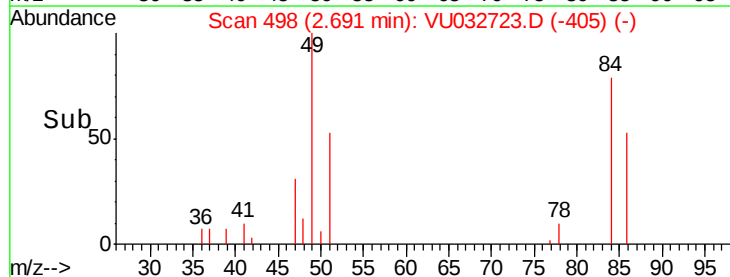
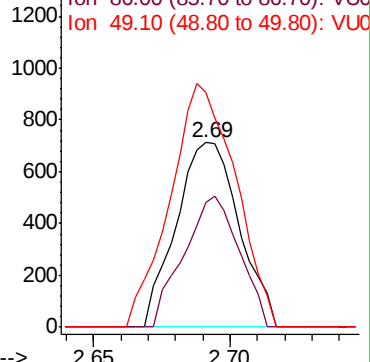
84 100

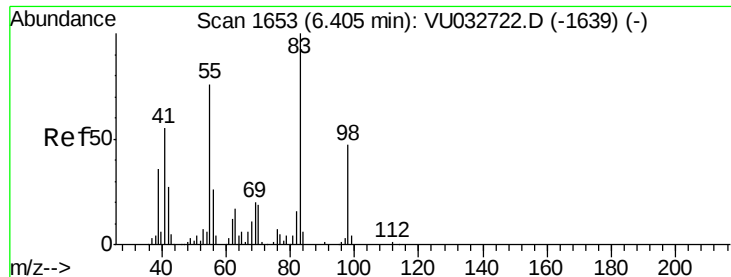
86 67.3 47.2 87.6

49 127.2 95.9 178.1



Abundance Ion 84.05 (83.75 to 84.75): VU032723.D (-405) (-)





#35

Methylcyclohexane

Concen: 0.683 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032723.D

Acq: 14 Jun 2019 15:11

Instrument :

MSVOA_U

ClientSampleId :

VBLK01

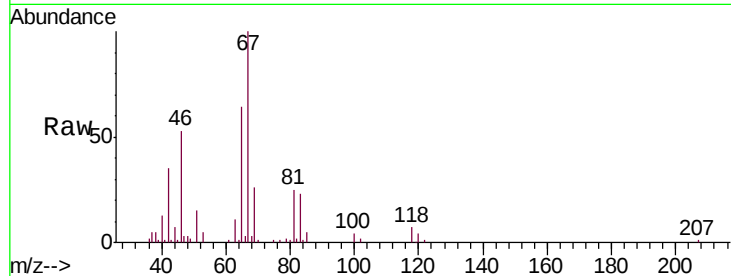
Tgt Ion: 83 Resp: 9536

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

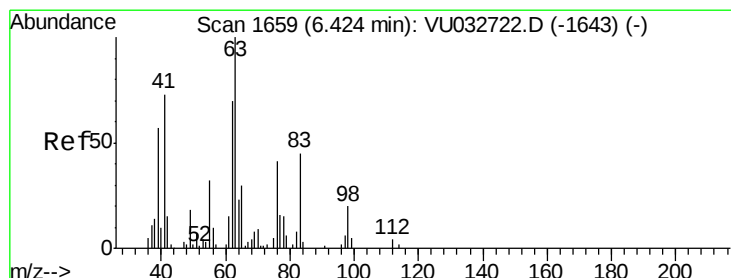
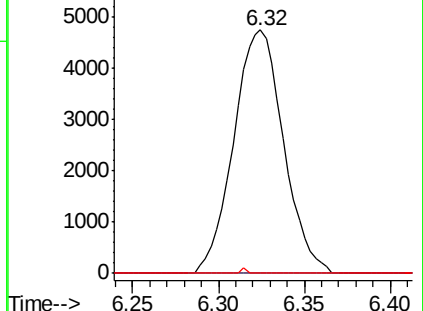
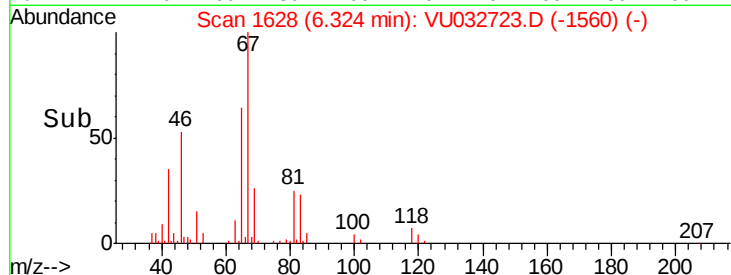
98 0.2 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032723.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032723.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032723.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU032723.D

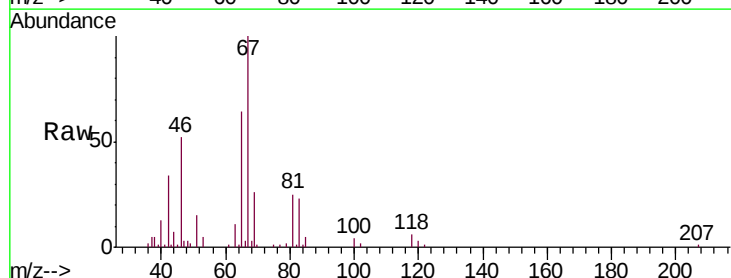
Acq: 14 Jun 2019 15:11

Tgt Ion: 63 Resp: 4668

Ion Ratio Lower Upper

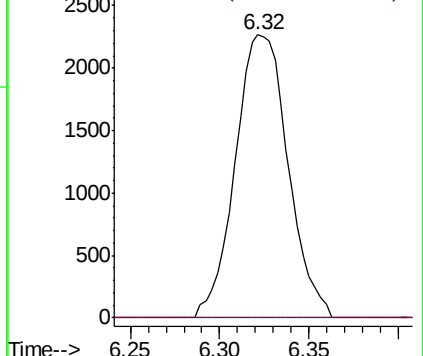
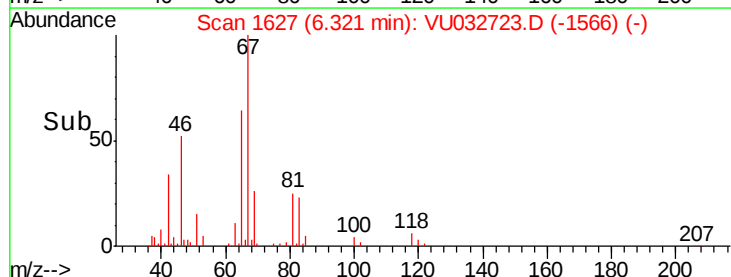
63 100

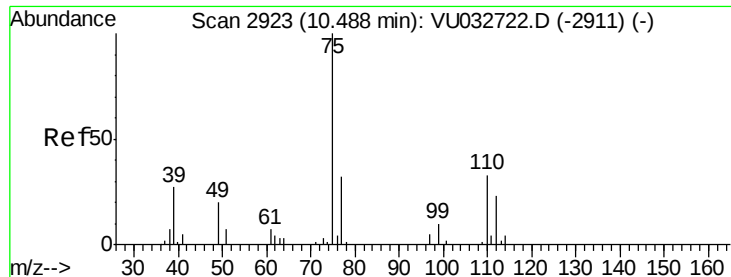
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032723.D (-1566) (-)

Ion 112.10 (111.80 to 112.80): VU032723.D (-1566) (-)





#59

1,2,3-Trichloropropane

Concen: 1.314 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032723.D

Acq: 14 Jun 2019 15:11

Instrument :

MSVOA_U

ClientSampleId :

VBLK01

Tgt Ion: 75 Resp: 6741

Ion Ratio Lower Upper

75 100

77 39.7 25.3 37.9#

