

Data File : VU029751.D
Acq On : 01 Mar 2019 09:50
Operator : JC/SP
Sample : VU0301WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK45

Quant Time: Mar 01 22:14:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	234411	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226405	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110275	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73672	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.68	69	70786	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.27	63	114322	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.19	46	213215	61.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.20%
24) Chloroform-d	4.65	84	148874	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.31	65	82540	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.34	84	330645	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
36) 1,2-Dichloropropane-d6	6.33	67	100330	5.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.60%
41) Toluene-d8	7.56	98	291925	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.85	79	35019	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.31	63	204720	60.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85538	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	122535	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

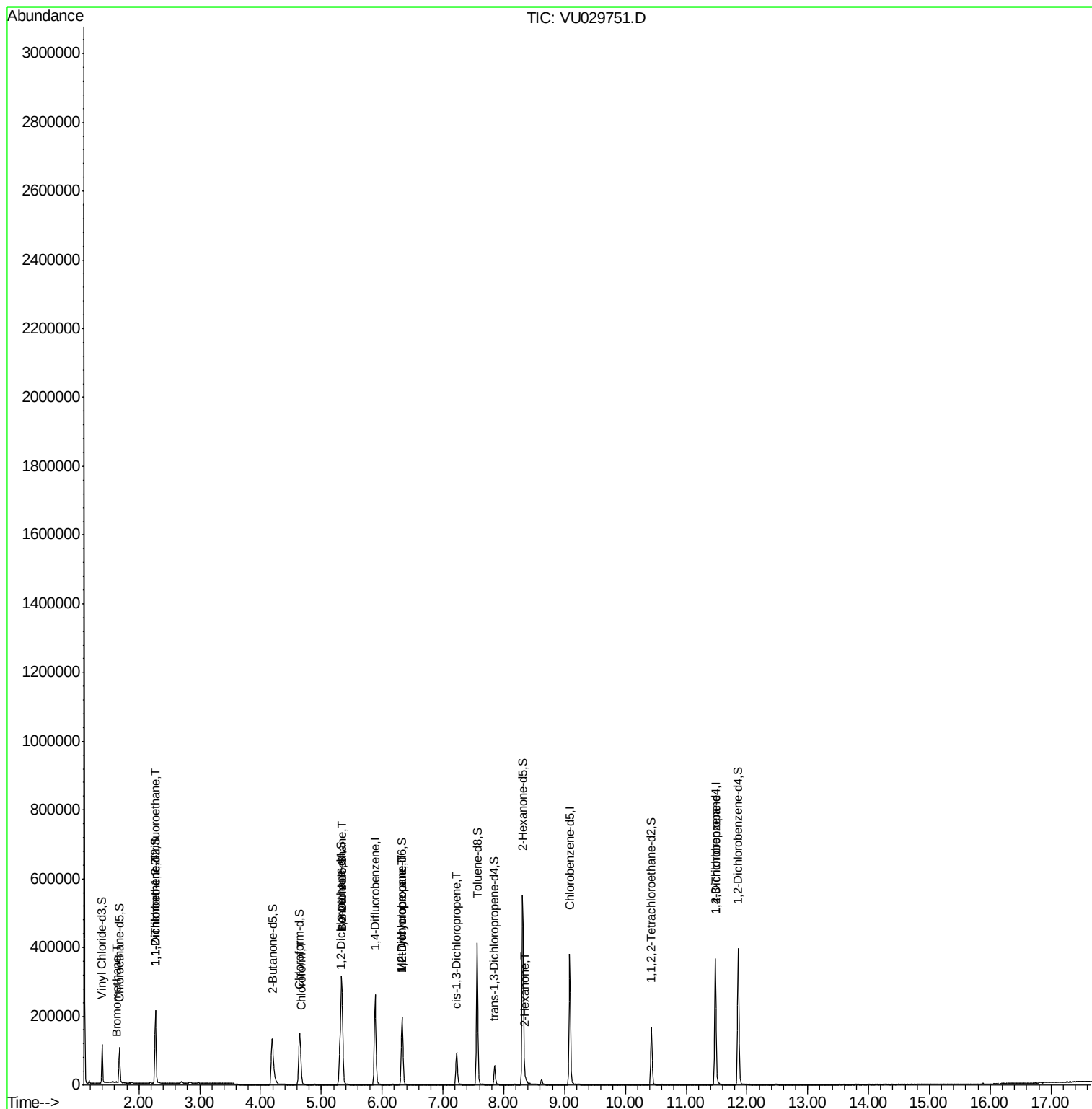
					Qvalue
6) Bromomethane	1.63	94	864	0.078 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1174	0.064 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1068	0.061 ug/L #	1
25) Chloroform	4.67	83	8494	0.288 ug/L	97
27) 1,2-Dichloroethane	5.33	62	1787	0.103 ug/L #	74
35) Methylcyclohexane	6.33	83	23395	0.864 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	10241	0.679 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2455	0.111 ug/L #	65
48) 2-Hexanone	8.36	43	2976	0.480 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	10801	1.073 ug/L #	88

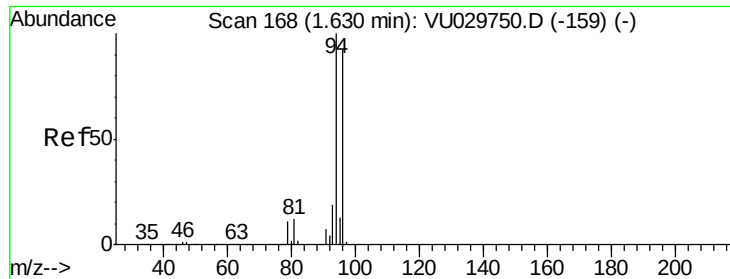
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029751.D
Acq On : 01 Mar 2019 09:50
Operator : JC/SP
Sample : VU0301WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK45

Quant Time: Mar 01 22:14:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.078 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

Lab File: VU029751.D

Acq: 01 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

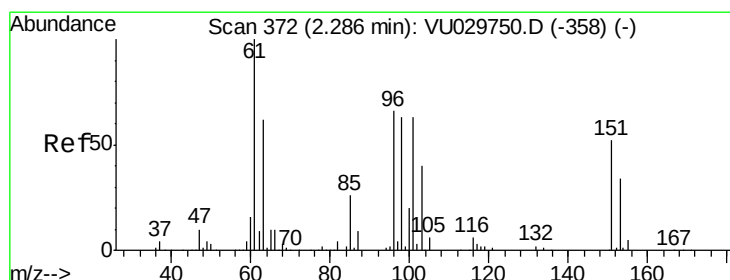
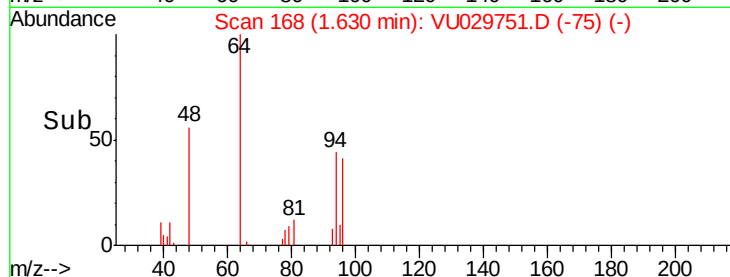
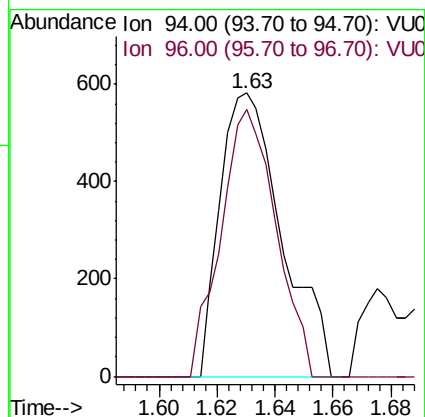
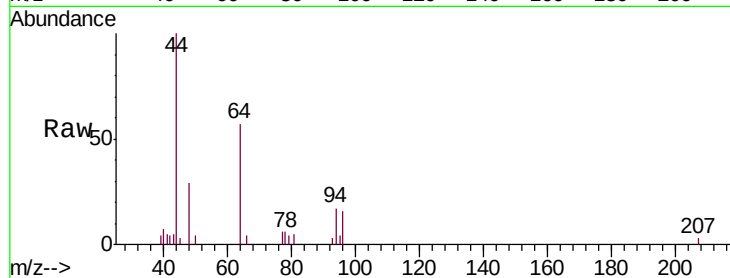
VBLK45

Tgt Ion: 94 Resp: 864

Ion Ratio Lower Upper

94 100

96 94.2 66.0 122.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.064 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029751.D

Acq: 01 Mar 2019 09:50

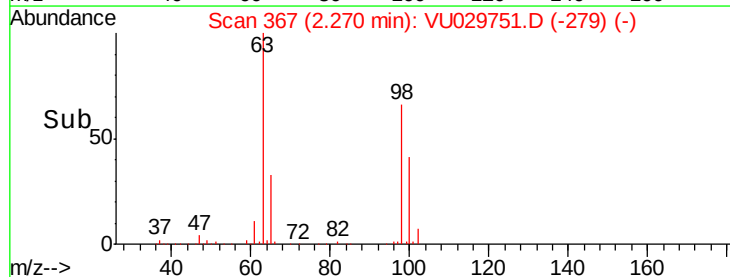
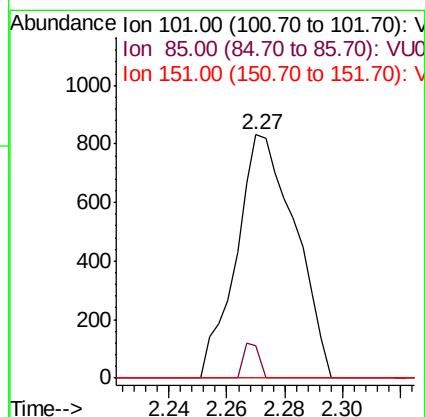
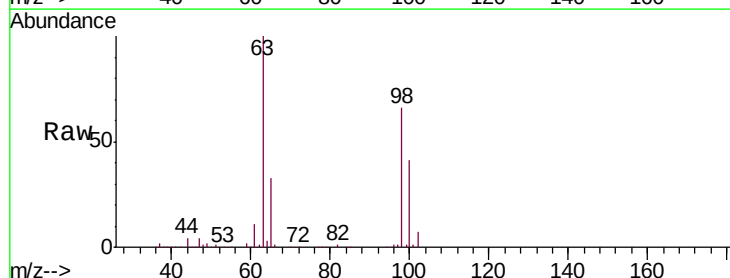
Tgt Ion: 101 Resp: 1174

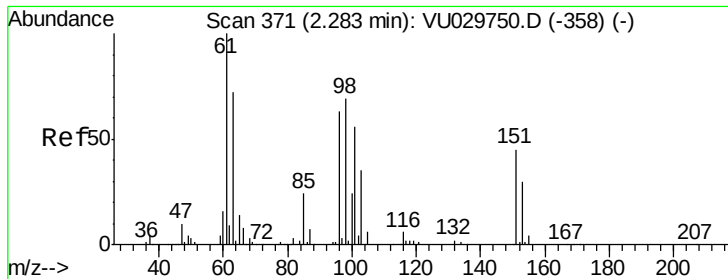
Ion Ratio Lower Upper

101 100

85 3.7 32.8 49.2#

151 0.0 65.9 98.9#





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029751.D

Acq: 01 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VBLK45

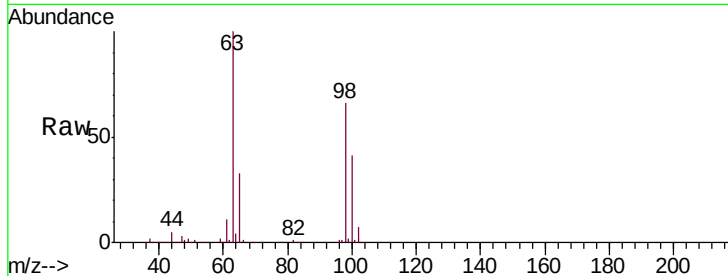
Tgt Ion: 96 Resp: 1068

Ion Ratio Lower Upper

96 100

61 1299.5 111.3 206.7#

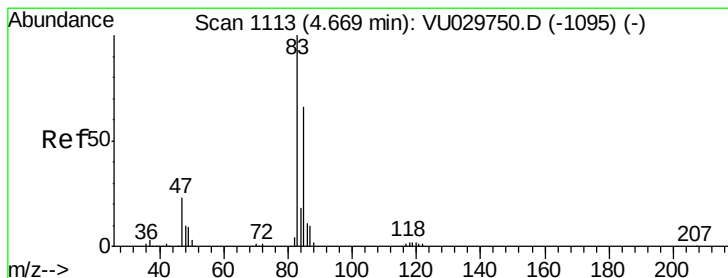
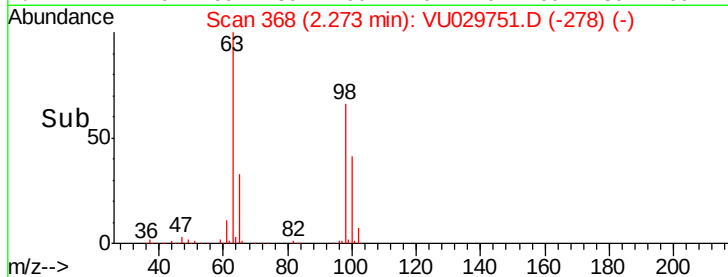
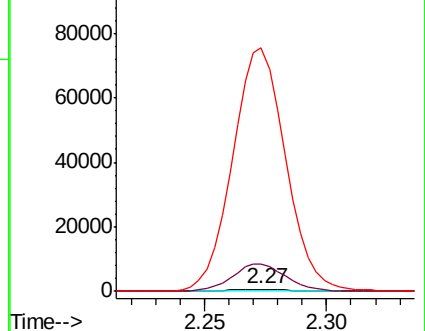
63 11775.4 88.5 164.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#25

Chloroform

Concen: 0.288 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029751.D

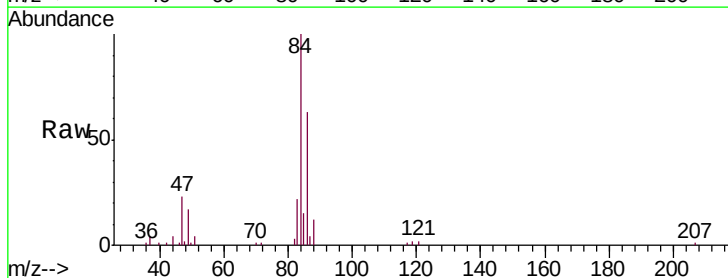
Acq: 01 Mar 2019 09:50

Tgt Ion: 83 Resp: 8494

Ion Ratio Lower Upper

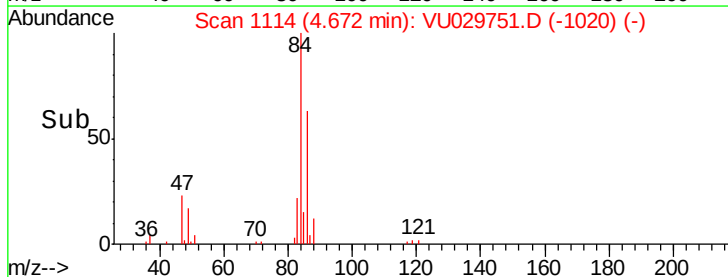
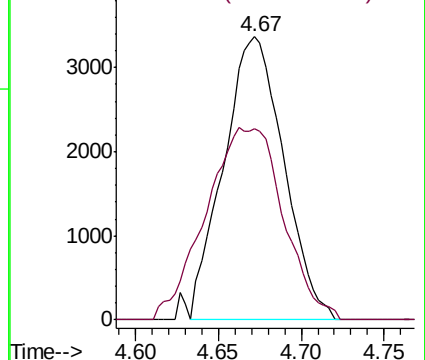
83 100

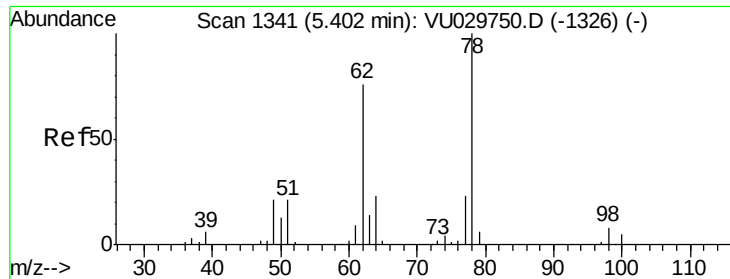
85 67.6 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

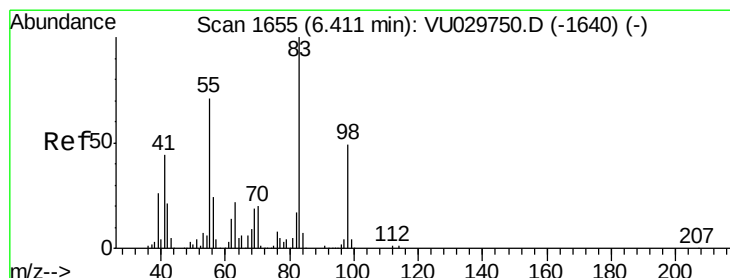
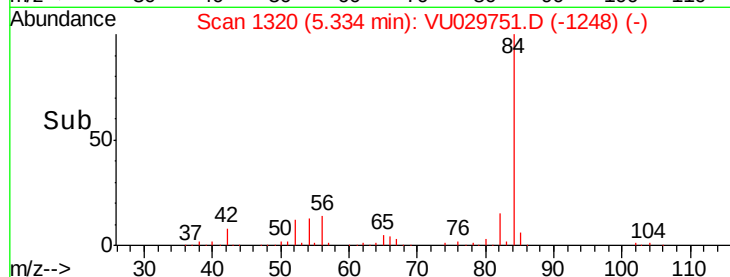
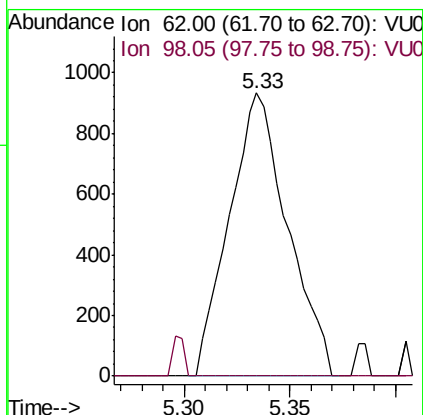
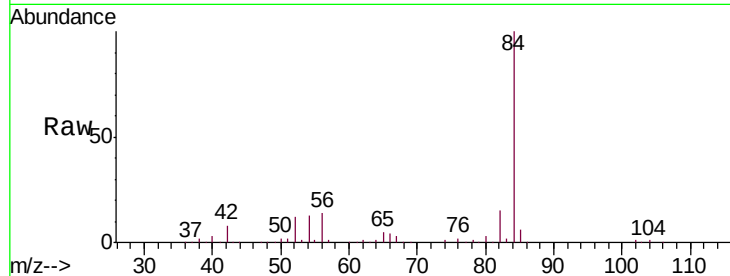




#27
 1,2-Dichloroethane
 Concen: 0.103 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.07 min
 Lab File: VU029751.D
 Acq: 01 Mar 2019 09:50

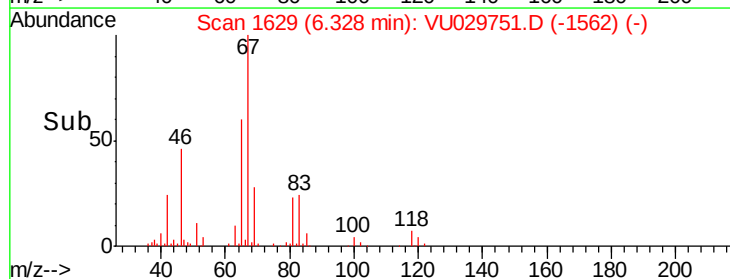
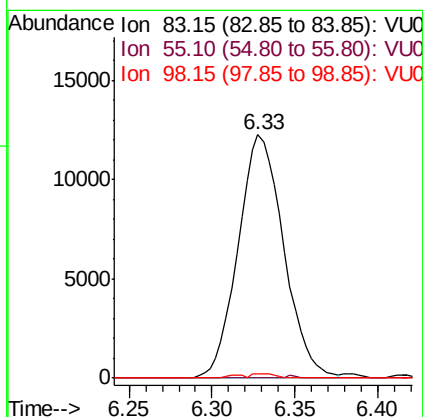
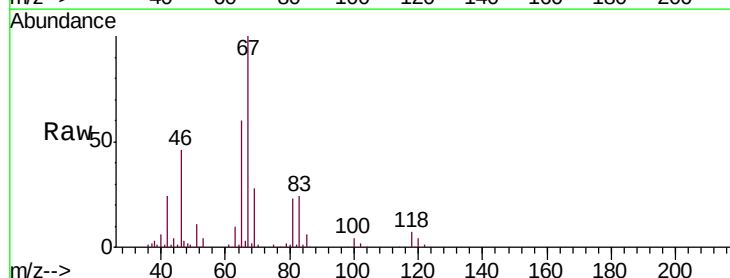
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK45

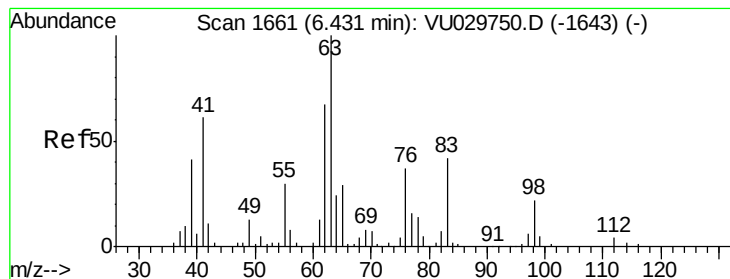
Tgt Ion: 62 Resp: 1787
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 0.864 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU029751.D
 Acq: 01 Mar 2019 09:50

Tgt Ion: 83 Resp: 23395
 Ion Ratio Lower Upper
 83 100
 55 0.2 56.5 84.7#
 98 0.9 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029751.D

Acq: 01 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

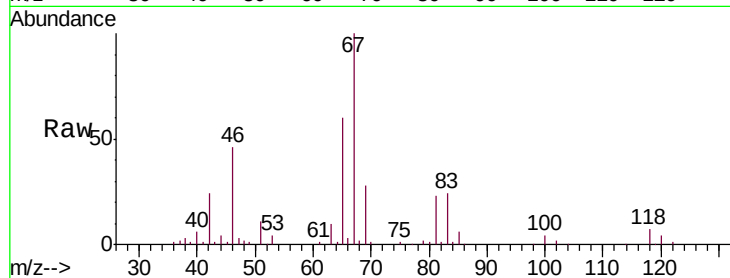
VBLK45

Tgt Ion: 63 Resp: 10241

Ion Ratio Lower Upper

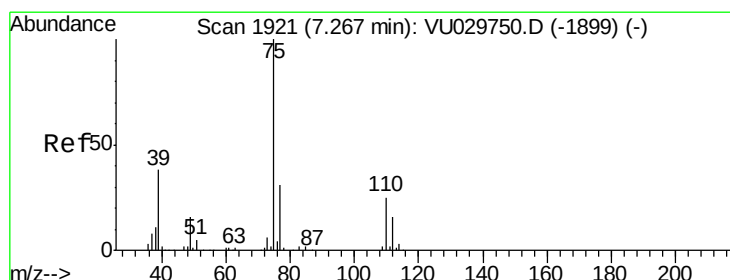
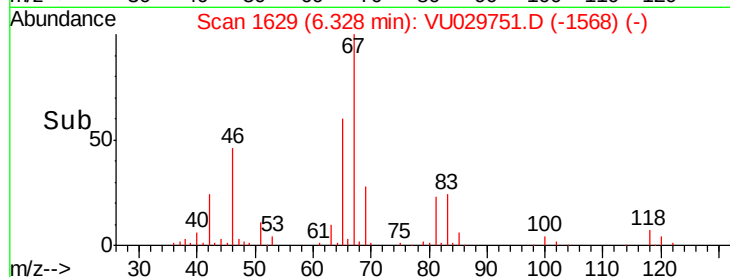
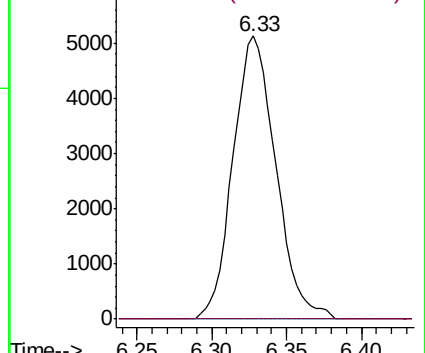
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029751.D

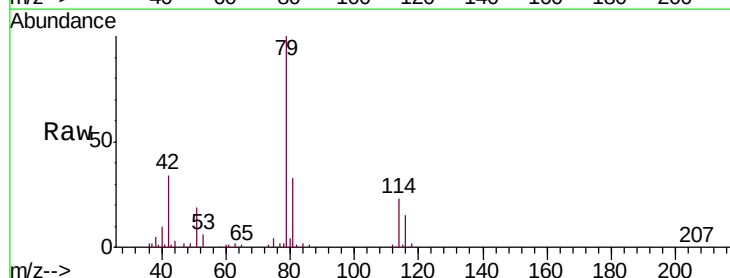
Acq: 01 Mar 2019 09:50

Tgt Ion: 75 Resp: 2455

Ion Ratio Lower Upper

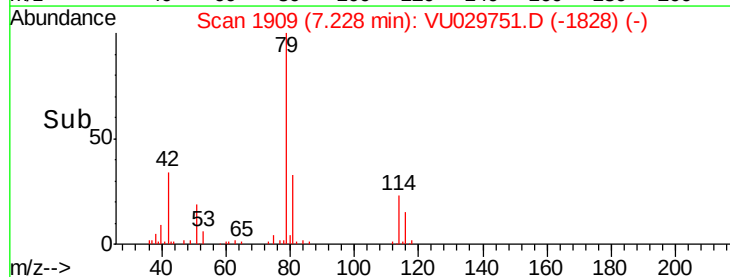
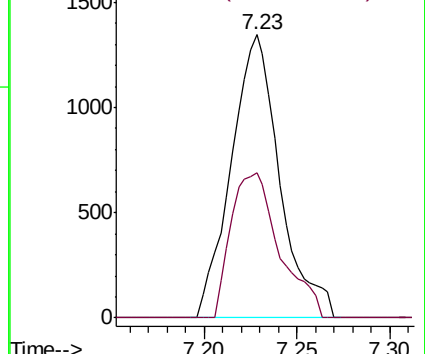
75 100

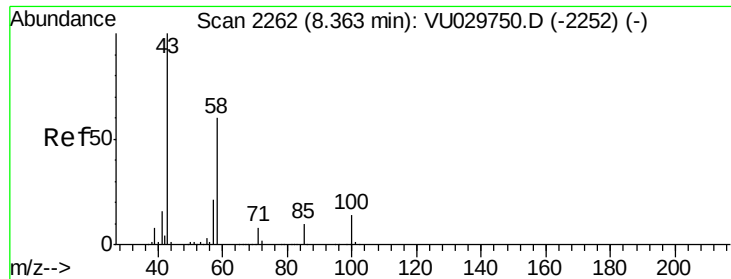
77 51.4 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

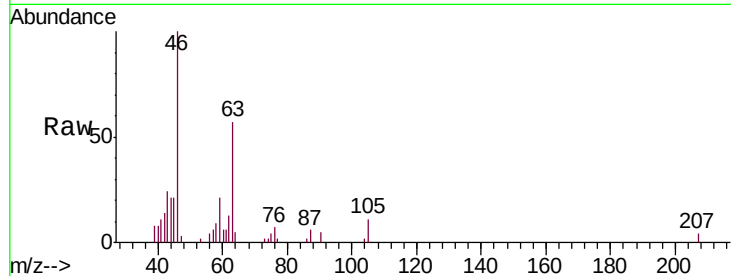




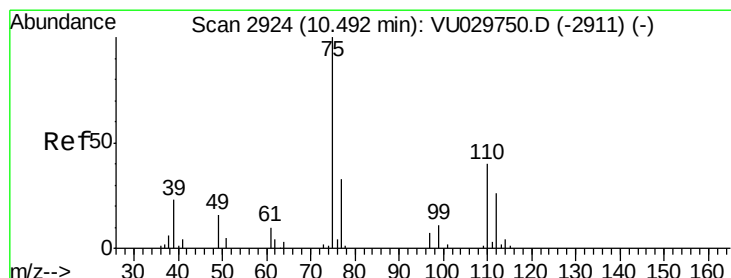
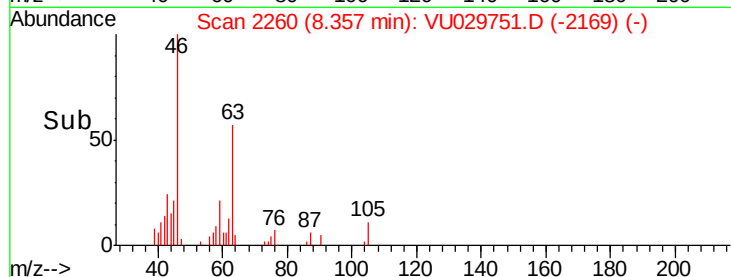
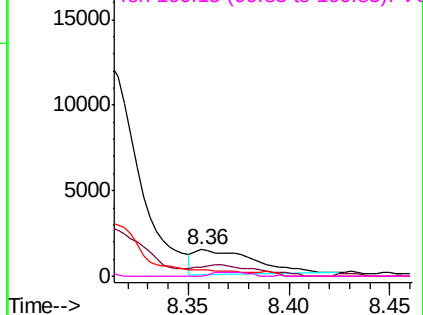
#48
2-Hexanone
Concen: 0.480 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.01 min
Lab File: VU029751.D
Acq: 01 Mar 2019 09:50

Instrument :
MSVOA_U
ClientSampleId :
VBLK45

Tgt Ion: 43 Resp: 2976
Ion Ratio Lower Upper
43 100
58 50.2 46.6 69.8
57 0.0 15.9 23.9#
100 9.4 11.4 17.2#

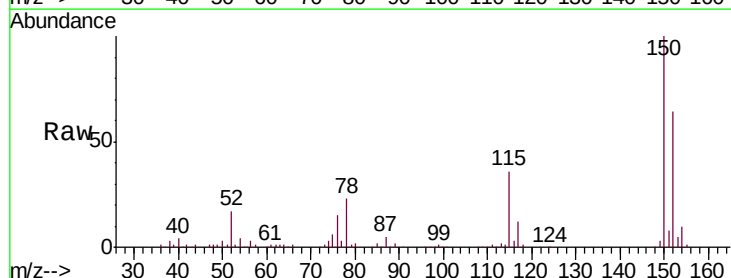


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.073 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029751.D
Acq: 01 Mar 2019 09:50

Tgt Ion: 75 Resp: 10801
Ion Ratio Lower Upper
75 100
77 39.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

