

Data File : VU033848.D
Acq On : 20 Aug 2019 12:54
Operator : JC/SP
Sample : VU0820WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK05

Quant Time: Aug 21 05:44:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 05:39:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	179784	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	193418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	81901	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	72575	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.67	69	64281	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.26	63	114771	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.16	46	151844	49.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	4.62	84	121749	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.29	65	66515	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.31	84	234012	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.31	67	75711	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.55	98	193733	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.84	79	27211	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.30	63	97224	44.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62506	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	78976	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

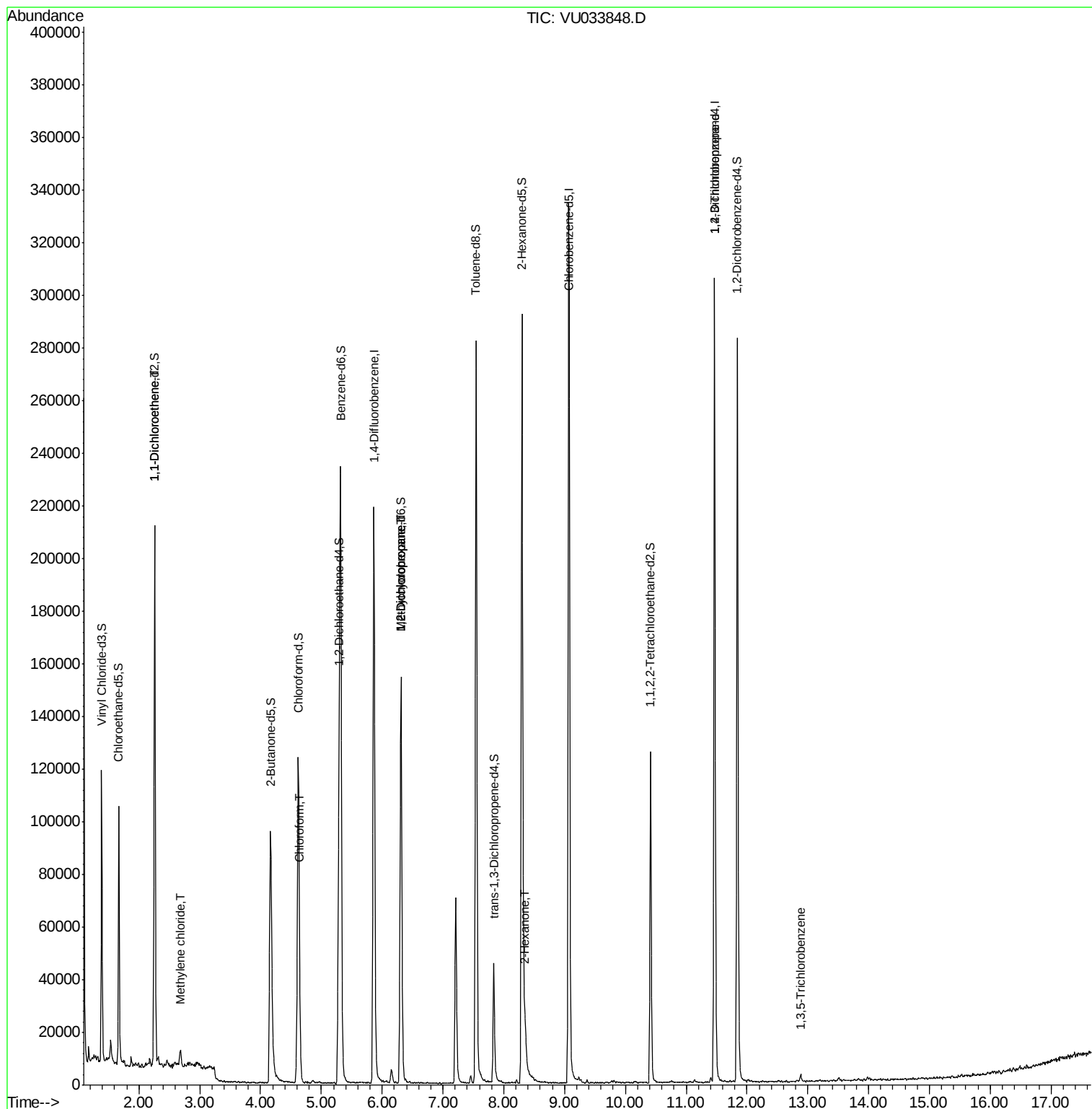
					Qvalue	
12) 1,1-Dichloroethene	2.25	96	1545	0.124	ug/L #	1
16) Methylene chloride	2.68	84	2416	0.166	ug/L	88
25) Chloroform	4.65	83	5126	0.228	ug/L	91
35) Methylcyclohexane	6.31	83	18016	1.132	ug/L #	17
37) 1,2-Dichloropropane	6.31	63	7989	0.711	ug/L #	88
48) 2-Hexanone	8.35	43	10532	2.423	ug/L #	82
59) 1,2,3-Trichloropropane	11.47	75	9613	1.306	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	1467	0.106	ug/L #	74

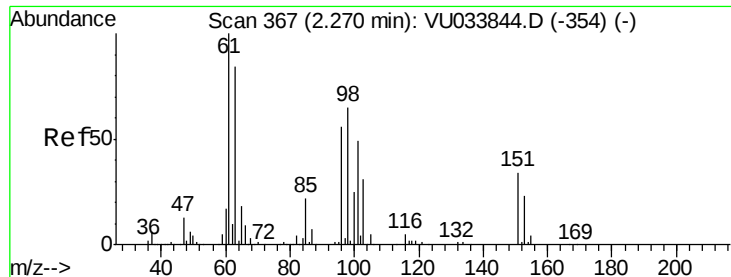
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033848.D
Acq On : 20 Aug 2019 12:54
Operator : JC/SP
Sample : VU0820WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK05

Quant Time: Aug 21 05:44:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 05:39:59 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.124 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033848.D

Acq: 20 Aug 2019 12:54

Instrument :

MSVOA_U

ClientSampleId :

VBLK05

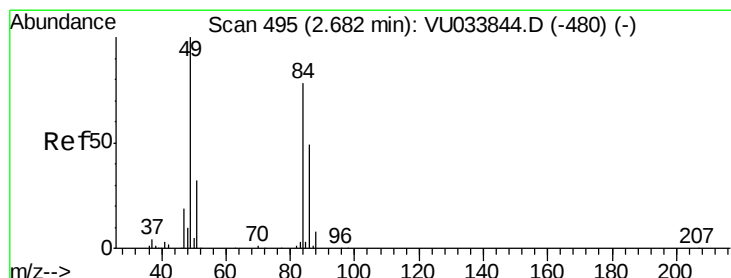
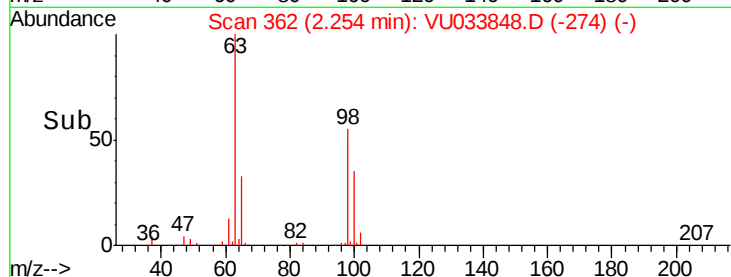
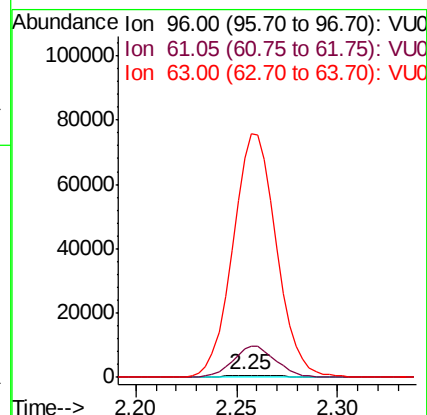
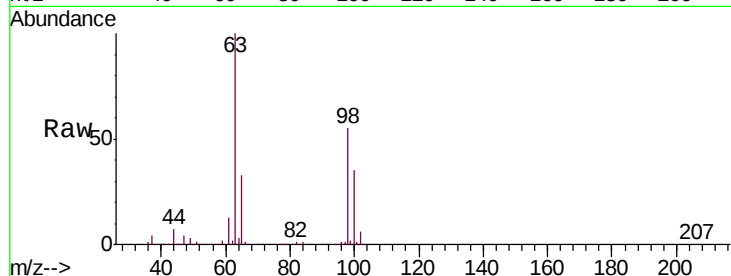
Tgt Ion: 96 Resp: 1545

Ion Ratio Lower Upper

96 100

61 1233.2 124.3 230.9#

63 9592.1 106.3 197.3#



#16

Methylene chloride

Concen: 0.166 ug/L

RT: 2.68 min Scan# 494

Delta R.T. -0.00 min

Lab File: VU033848.D

Acq: 20 Aug 2019 12:54

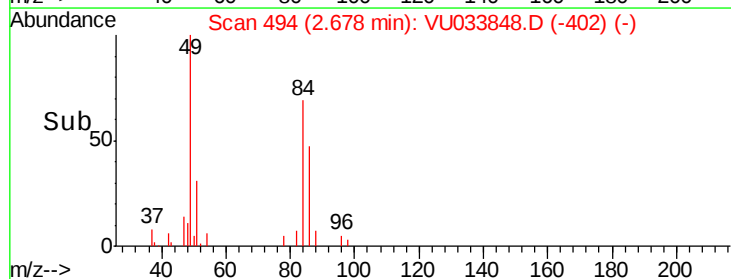
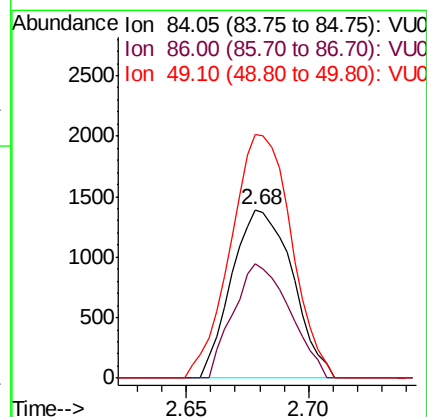
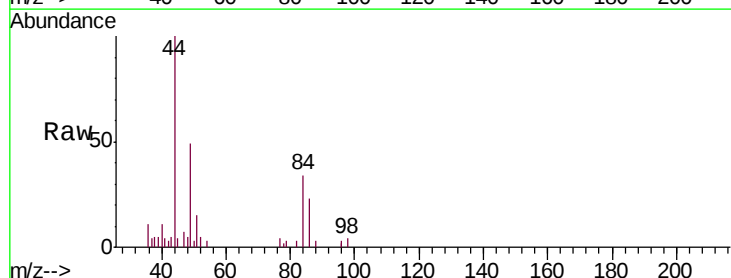
Tgt Ion: 84 Resp: 2416

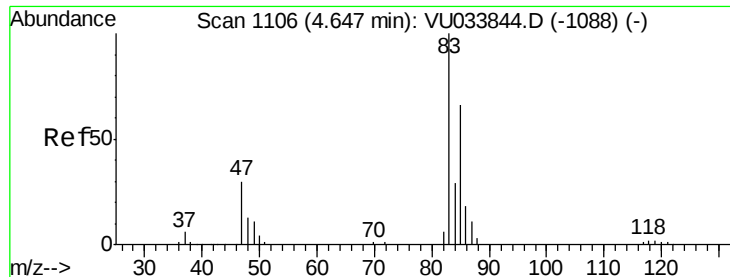
Ion Ratio Lower Upper

84 100

86 68.3 43.8 81.3

49 144.7 89.5 166.3





#25

Chloroform

Concen: 0.228 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033848.D

Acq: 20 Aug 2019 12:54

Instrument :

MSVOA_U

ClientSampleId :

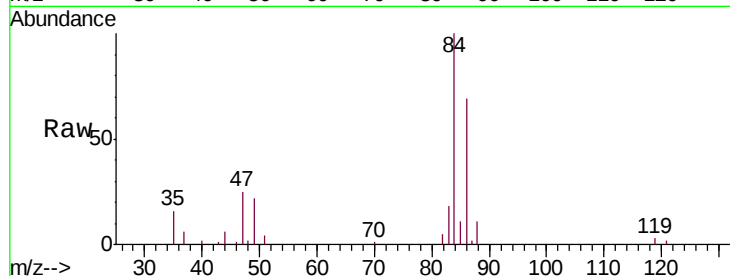
VBLK05

Tgt Ion: 83 Resp: 5126

Ion Ratio Lower Upper

83 100

85 58.7 46.3 85.9



Abundance Ion 83.05 (82.75 to 83.75): VU033848.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033848.D (-1088) (-)

4.65

2000

1500

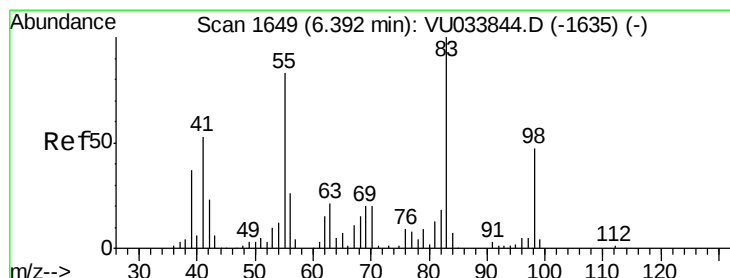
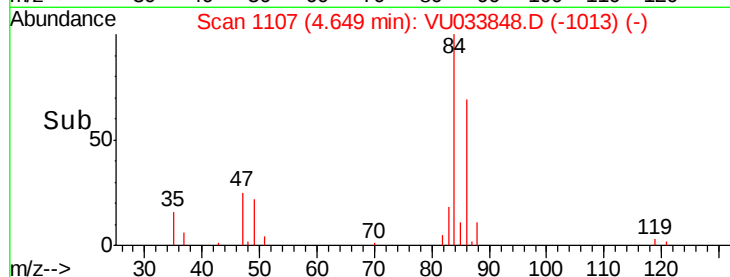
1000

500

0

4.55 4.60 4.65 4.70

Time-->



#35

Methylcyclohexane

Concen: 1.132 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU033848.D

Acq: 20 Aug 2019 12:54

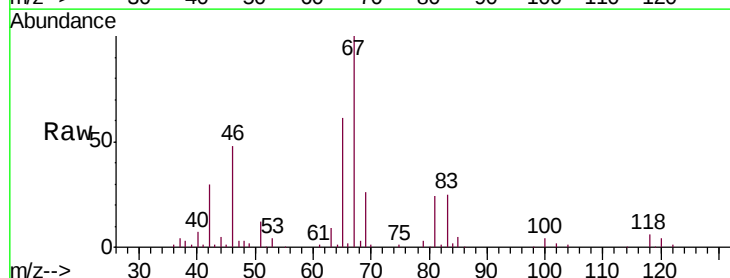
Tgt Ion: 83 Resp: 18016

Ion Ratio Lower Upper

83 100

55 0.6 64.3 96.5#

98 0.2 37.4 56.0#



Abundance Ion 83.15 (82.85 to 83.85): VU033848.D (-1556) (-)

Ion 55.10 (54.80 to 55.80): VU033848.D (-1556) (-)

Ion 98.15 (97.85 to 98.85): VU033848.D (-1556) (-)

6.31

12000

10000

8000

6000

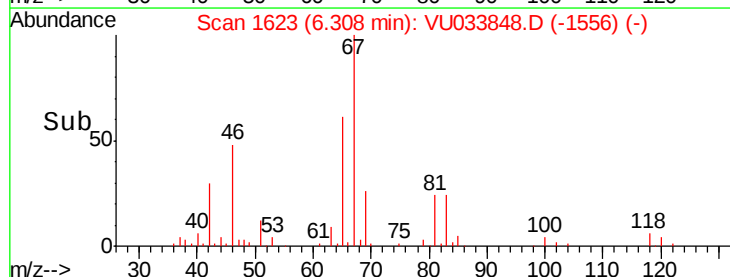
4000

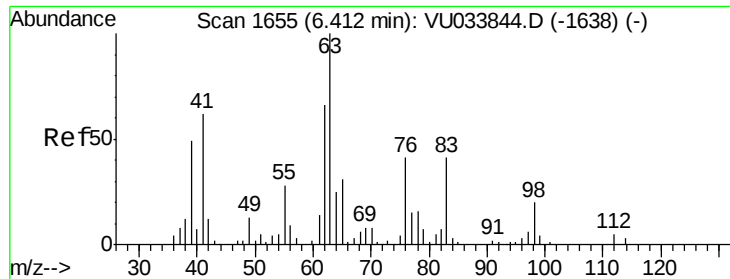
2000

0

6.25 6.30 6.35 6.40

Time-->

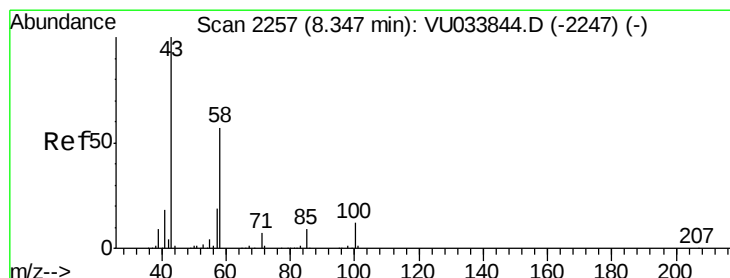
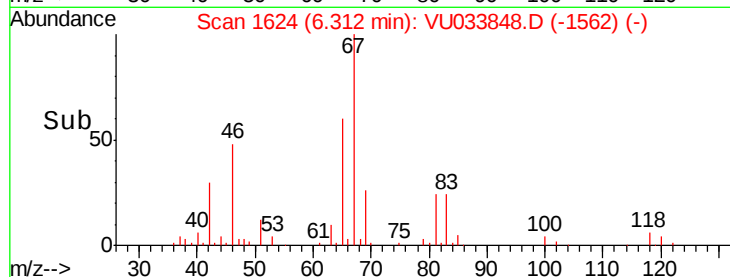
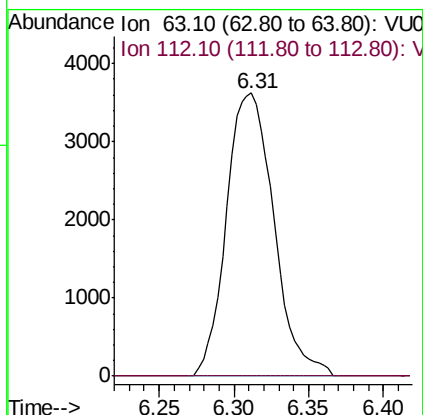
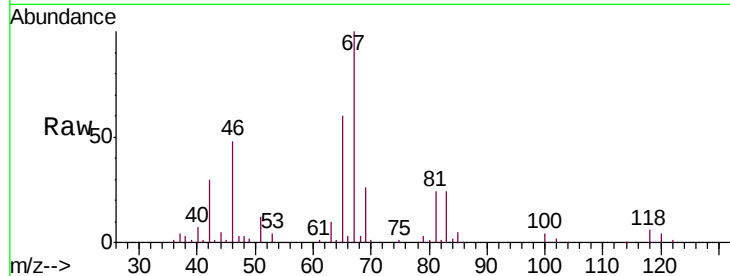




#37
 1,2-Dichloropropane
 Concen: 0.711 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033848.D
 Acq: 20 Aug 2019 12:54

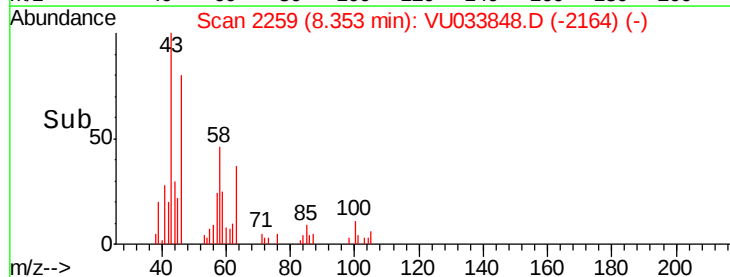
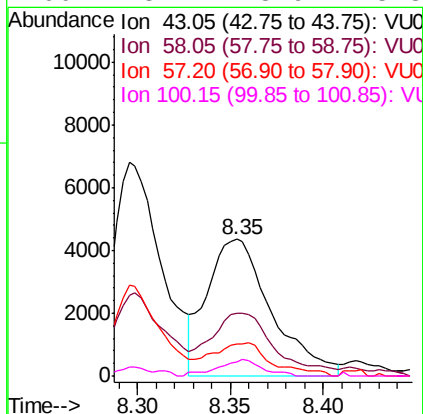
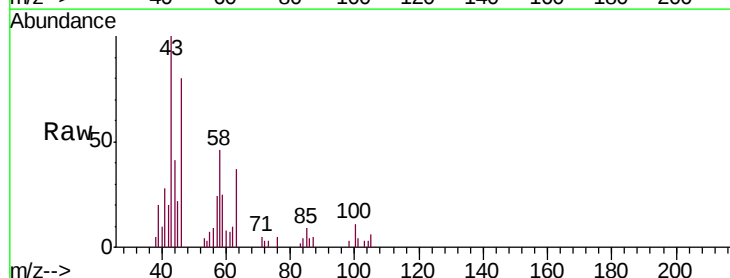
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK05

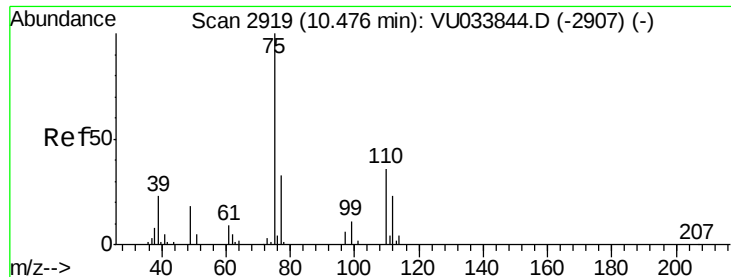
Tgt Ion: 63 Resp: 7989
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.5 5.3#



#48
 2-Hexanone
 Concen: 2.423 ug/L
 RT: 8.35 min Scan# 2259
 Delta R.T. 0.01 min
 Lab File: VU033848.D
 Acq: 20 Aug 2019 12:54

Tgt Ion: 43 Resp: 10532
 Ion Ratio Lower Upper
 43 100
 58 39.1 45.1 67.7#
 57 22.1 15.4 23.0
 100 8.2 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 1.306 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033848.D

Acq: 20 Aug 2019 12:54

Instrument :

MSVOA_U

ClientSampleId :

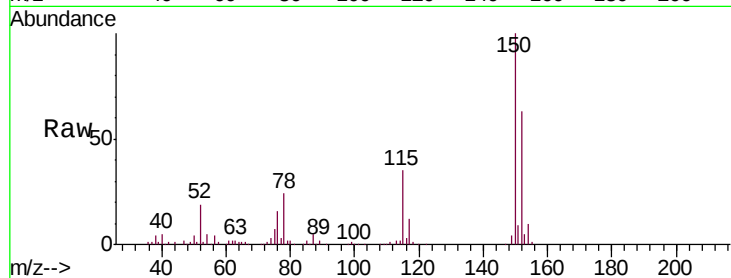
VBLK05

Tgt Ion: 75 Resp: 9613

Ion Ratio Lower Upper

75 100

77 37.1 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU033848.D (-2907) (-)

Ion 77.00 (76.70 to 77.70): VU033848.D (-2907) (-)

11.47

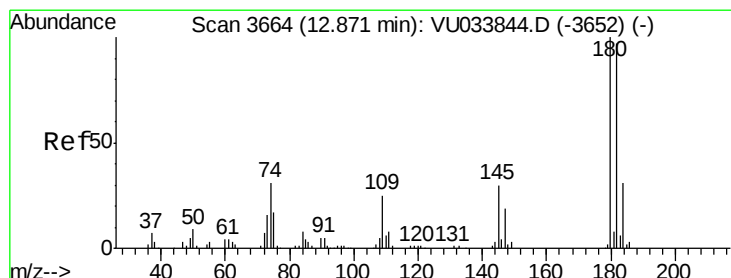
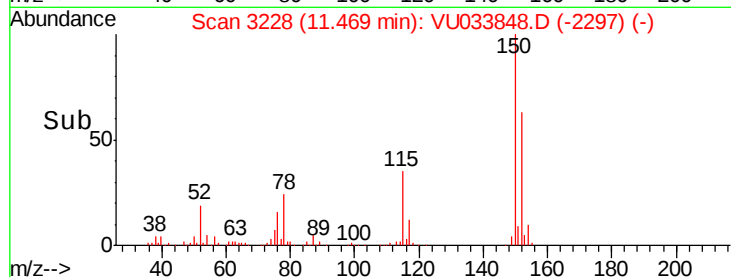
6000

4000

2000

0

Time--> 11.40 11.45 11.50



#67

1,3,5-Trichlorobenzene

Concen: 0.106 ug/L

RT: 12.88 min Scan# 3668

Delta R.T. 0.01 min

Lab File: VU033848.D

Acq: 20 Aug 2019 12:54

Tgt Ion: 180 Resp: 1467

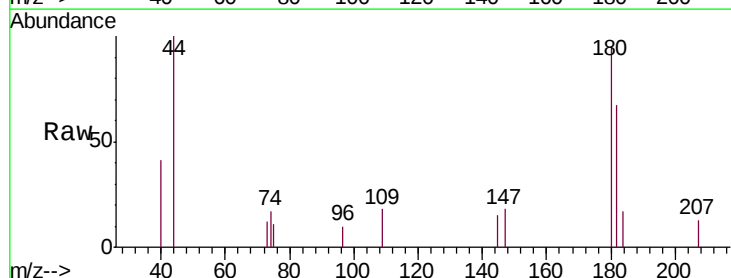
Ion Ratio Lower Upper

180 100

182 76.4 77.5 116.3#

184 11.4 24.2 36.4#

145 12.2 23.4 35.2#



Abundance Ion 180.00 (179.70 to 180.70): VU033848.D (-3652) (-)

Ion 182.00 (181.70 to 182.70): VU033848.D (-3652) (-)

Ion 184.00 (183.70 to 184.70): VU033848.D (-3652) (-)

Ion 145.00 (144.70 to 145.70): VU033848.D (-3652) (-)

12.88

1000

500

0

Time--> 12.85 12.90

