

Data File : VU032258.D
Acq On : 23 May 2019 09:25
Operator : JC/SP
Sample : VU0523WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK24

Quant Time: May 24 01:37:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 01:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	351806	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	357242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	146458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88056	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	91594	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.27	63	145199	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	4.21	46	282564	50.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.64	84	249032	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	135209	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.33	84	473852	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.33	67	156103	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.56	98	420558	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.85	79	57867	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.31	63	233753	49.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158381	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	204631	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

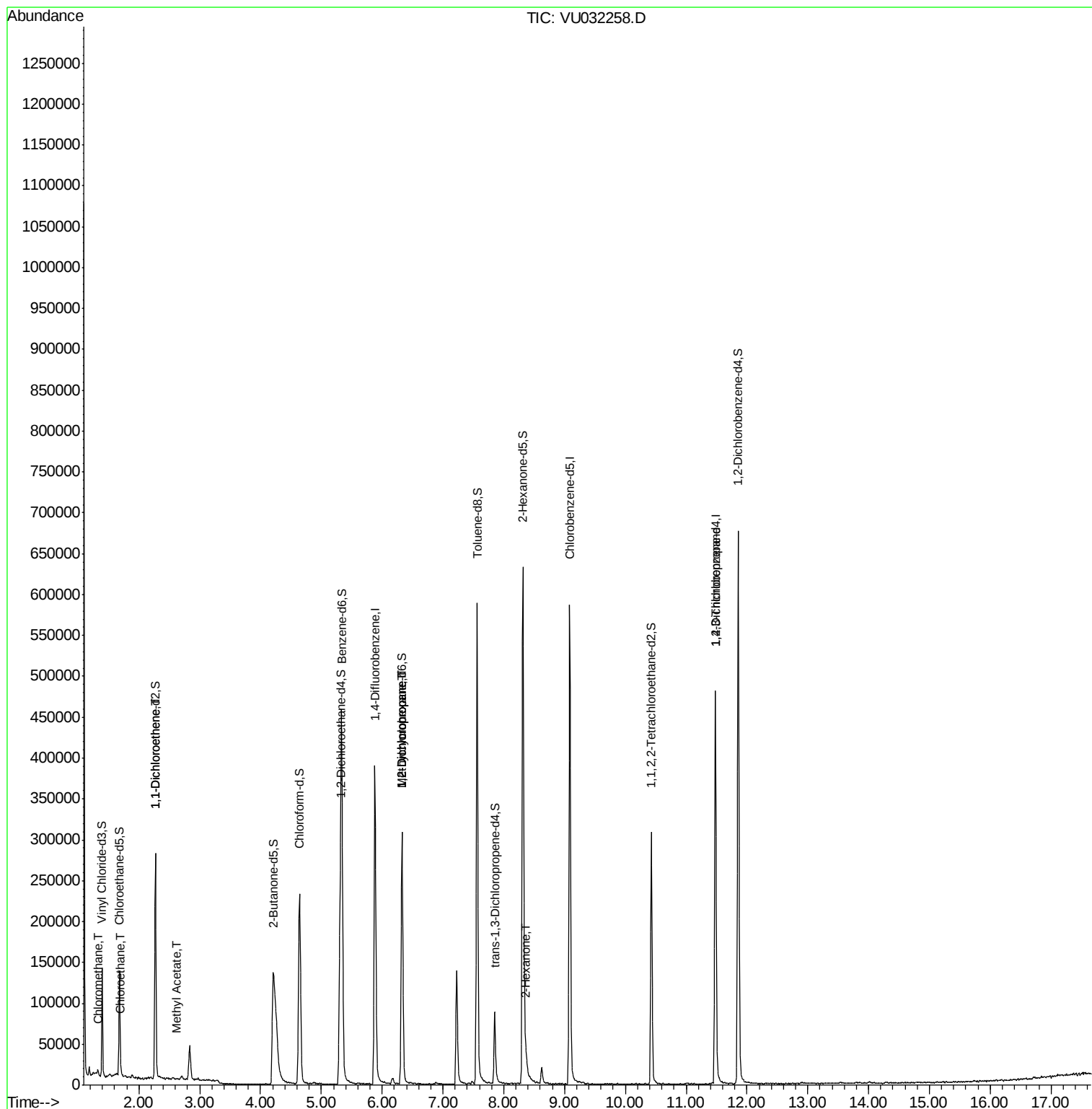
					Qvalue
3) Chloromethane	1.32	50	4361	0.289 ug/L #	79
8) Chloroethane	1.71	64	1395	0.144 ug/L #	52
12) 1,1-Dichloroethene	2.27	96	1509	0.121 ug/L #	1
15) Methyl Acetate	2.63	43	664	0.131 ug/L #	53
35) Methylcyclohexane	6.33	83	37782	1.978 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	15000	1.289 ug/L #	86
48) 2-Hexanone	8.37	43	5997	1.329 ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	15409	2.034 ug/L	96

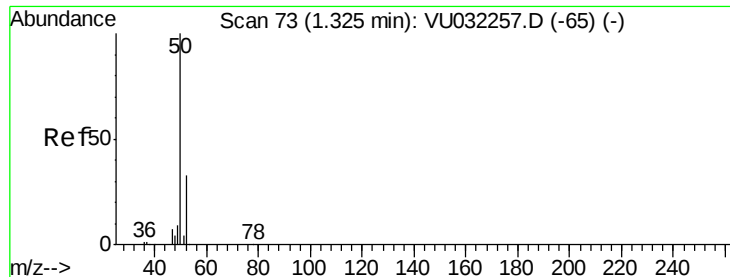
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.289 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032258.D

Acq: 23 May 2019 09:25

Instrument :

MSVOA_U

ClientSampleId :

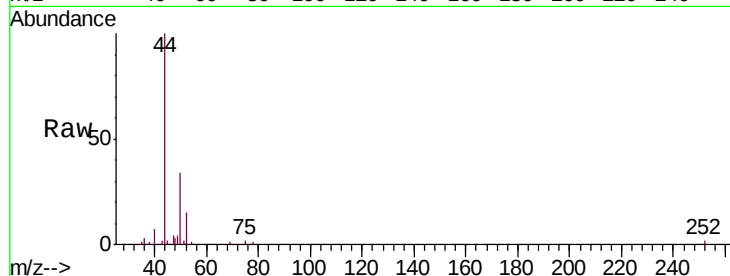
VBLK24

Tgt Ion: 50 Resp: 4361

Ion Ratio Lower Upper

50 100

52 45.0 23.3 43.3#

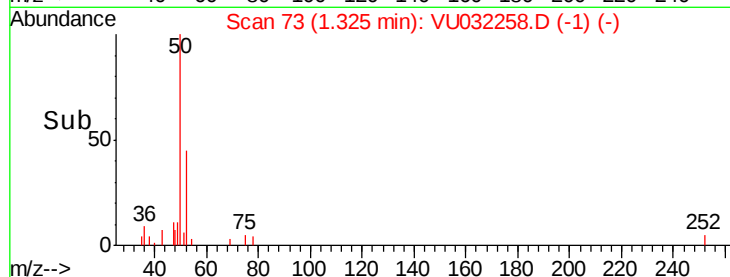


Abundance Ion 50.05 (49.75 to 50.75): VU032257.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032257.D (-65) (-)

1.32

Time-->

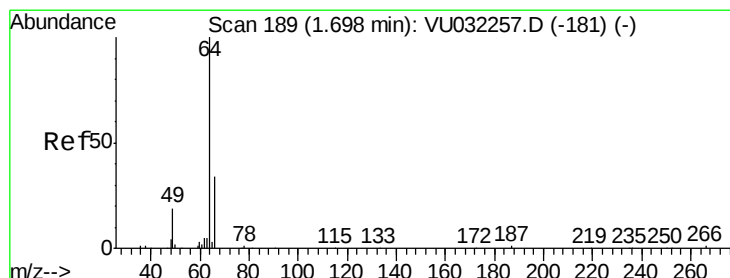


Abundance Ion 50.05 (49.75 to 50.75): VU032258.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU032258.D (-1) (-)

1.32

Time-->



#8

Chloroethane

Concen: 0.144 ug/L

RT: 1.71 min Scan# 192

Delta R.T. 0.01 min

Lab File: VU032258.D

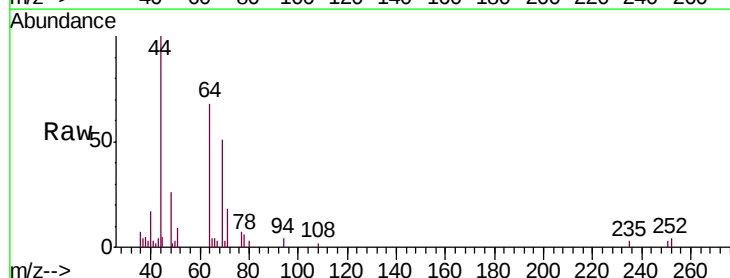
Acq: 23 May 2019 09:25

Tgt Ion: 64 Resp: 1395

Ion Ratio Lower Upper

64 100

66 5.9 23.1 42.9#

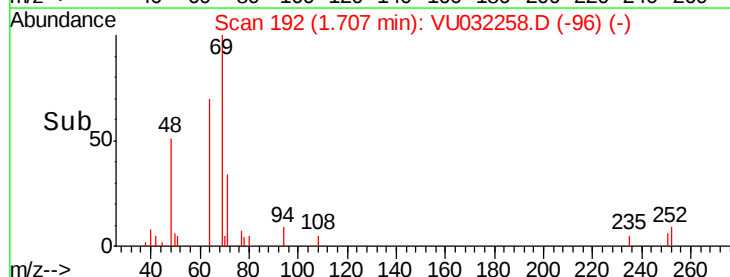


Abundance Ion 64.10 (63.80 to 64.80): VU032257.D (-181) (-)

Ion 66.05 (65.75 to 66.75): VU032257.D (-181) (-)

1.71

Time-->

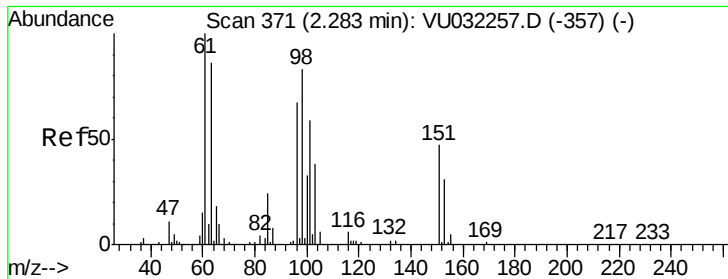


Abundance Ion 64.10 (63.80 to 64.80): VU032258.D (-96) (-)

Ion 66.05 (65.75 to 66.75): VU032258.D (-96) (-)

1.71

Time-->



#12

1,1-Dichloroethene

Concen: 0.121 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032258.D

Acq: 23 May 2019 09:25

Instrument :

MSVOA_U

ClientSampleId :

VBLK24

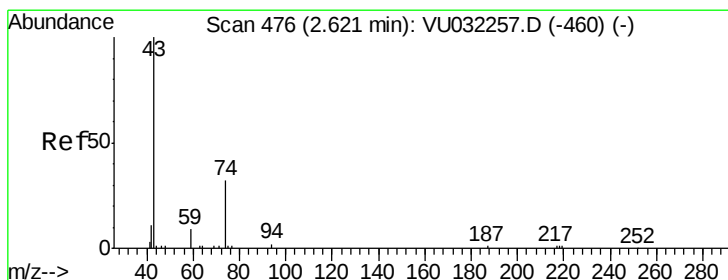
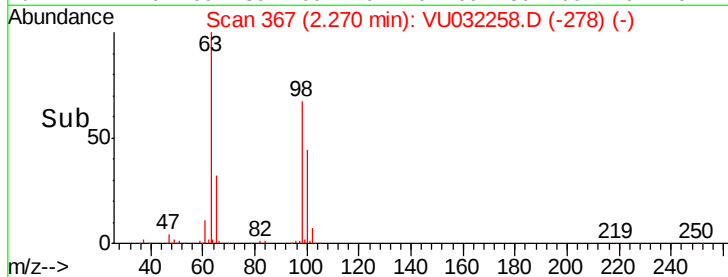
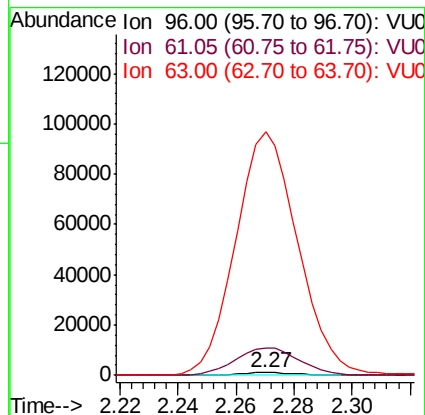
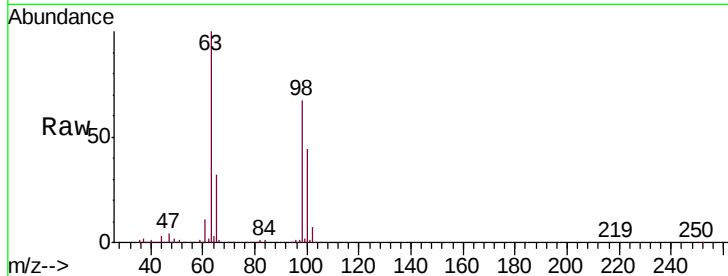
Tgt Ion: 96 Resp: 1509

Ion Ratio Lower Upper

96 100

61 1031.6 113.8 211.3#

63 9169.7 108.8 202.2#



#15

Methyl Acetate

Concen: 0.131 ug/L

RT: 2.63 min Scan# 478

Delta R.T. 0.01 min

Lab File: VU032258.D

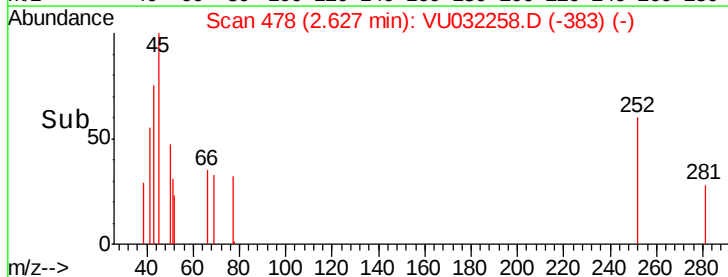
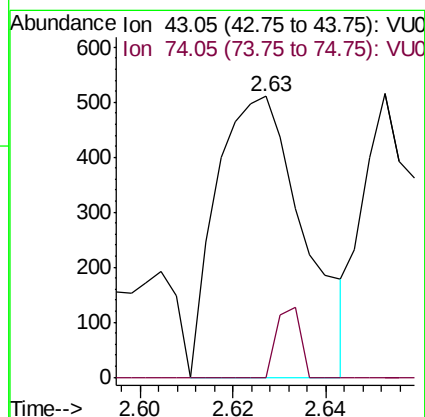
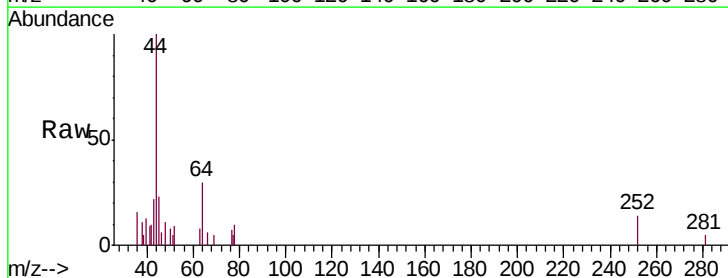
Acq: 23 May 2019 09:25

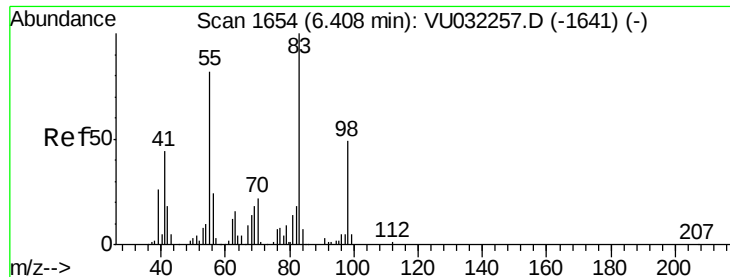
Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

74 6.9 27.3 40.9#





#35

Methylcyclohexane

Concen: 1.978 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032258.D

Acq: 23 May 2019 09:25

Instrument :

MSVOA_U

ClientSampleId :

VBLK24

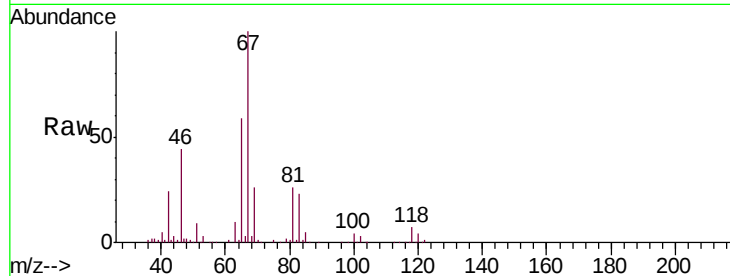
Tgt Ion: 83 Resp: 37782

Ion Ratio Lower Upper

83 100

55 0.6 59.7 89.5#

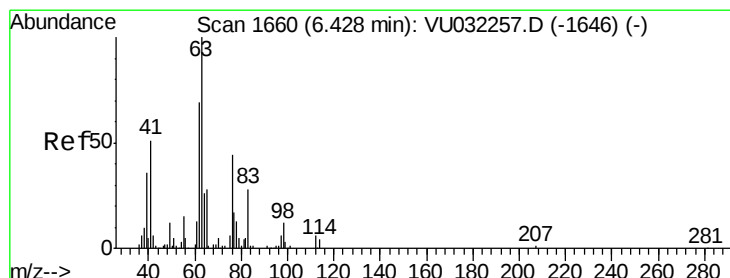
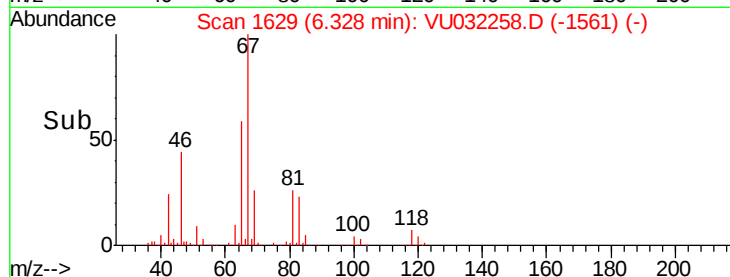
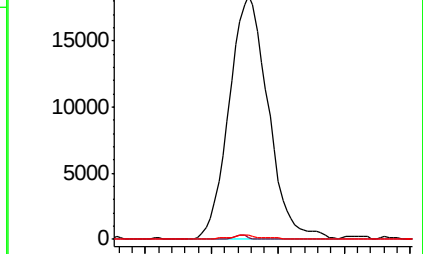
98 1.2 37.5 56.3#



Abundance Ion 83.15 (82.85 to 83.85): VU032257.D (-1641) (-)

Ion 55.10 (54.80 to 55.80): VU032257.D (-1641) (-)

Ion 98.15 (97.85 to 98.85): VU032257.D (-1641) (-)



#37

1,2-Dichloropropane

Concen: 1.289 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032258.D

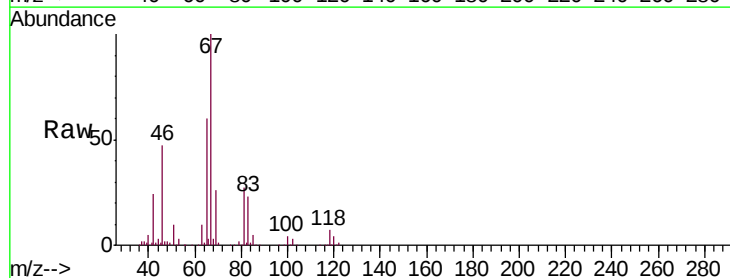
Acq: 23 May 2019 09:25

Tgt Ion: 63 Resp: 15000

Ion Ratio Lower Upper

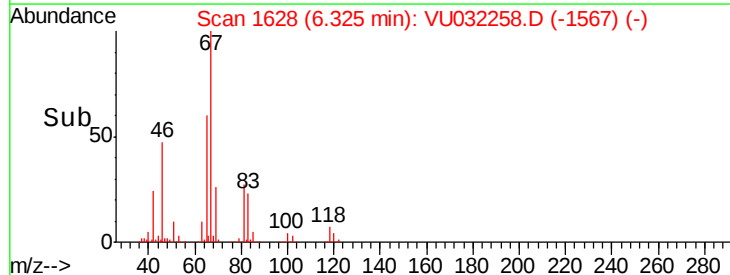
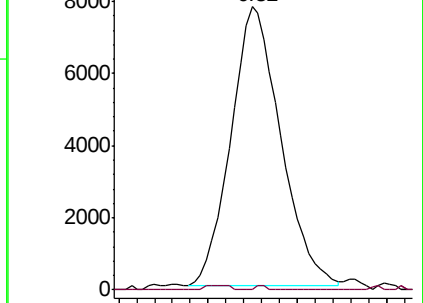
63 100

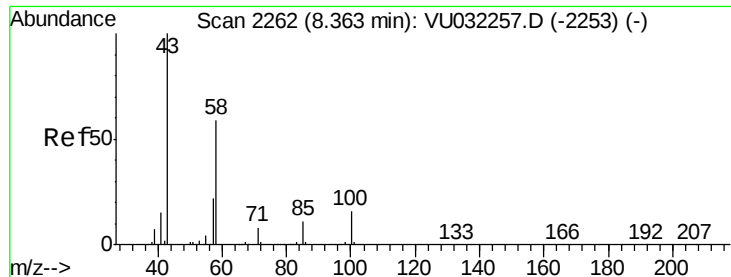
112 0.3 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU032257.D (-1646) (-)

Ion 112.10 (111.80 to 112.80): VU032257.D (-1646) (-)

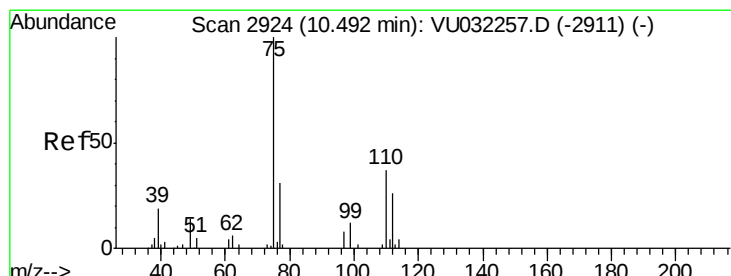
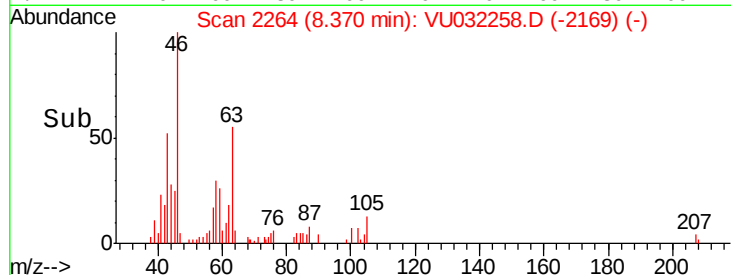
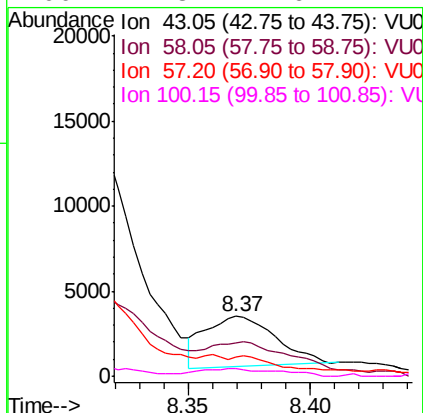
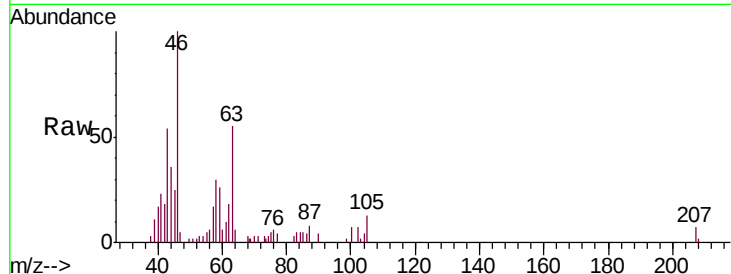




#48
 2-Hexanone
 Concen: 1.329 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032258.D
 Acq: 23 May 2019 09:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK24

Tgt Ion: 43 Resp: 5997
 Ion Ratio Lower Upper
 43 100
 58 70.6 49.7 74.5
 57 22.0 17.1 25.7
 100 17.8 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 2.034 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032258.D
 Acq: 23 May 2019 09:25

Tgt Ion: 75 Resp: 15409
 Ion Ratio Lower Upper
 75 100
 77 37.7 28.2 42.4

