

Data File : VU032094.D
Acq On : 17 May 2019 10:44
Operator : JC/SP
Sample : K2739-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 18 01:55:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	373569	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	387610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135075	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.67	69	124304	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.27	63	192654	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.19	46	292376	47.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.66%
24) Chloroform-d	4.64	84	263229	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.31	65	135163	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.33	84	533931	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.33	67	158507	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.56	98	433903	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.85	79	52425	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.31	63	261804	46.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	136559	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	161645	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

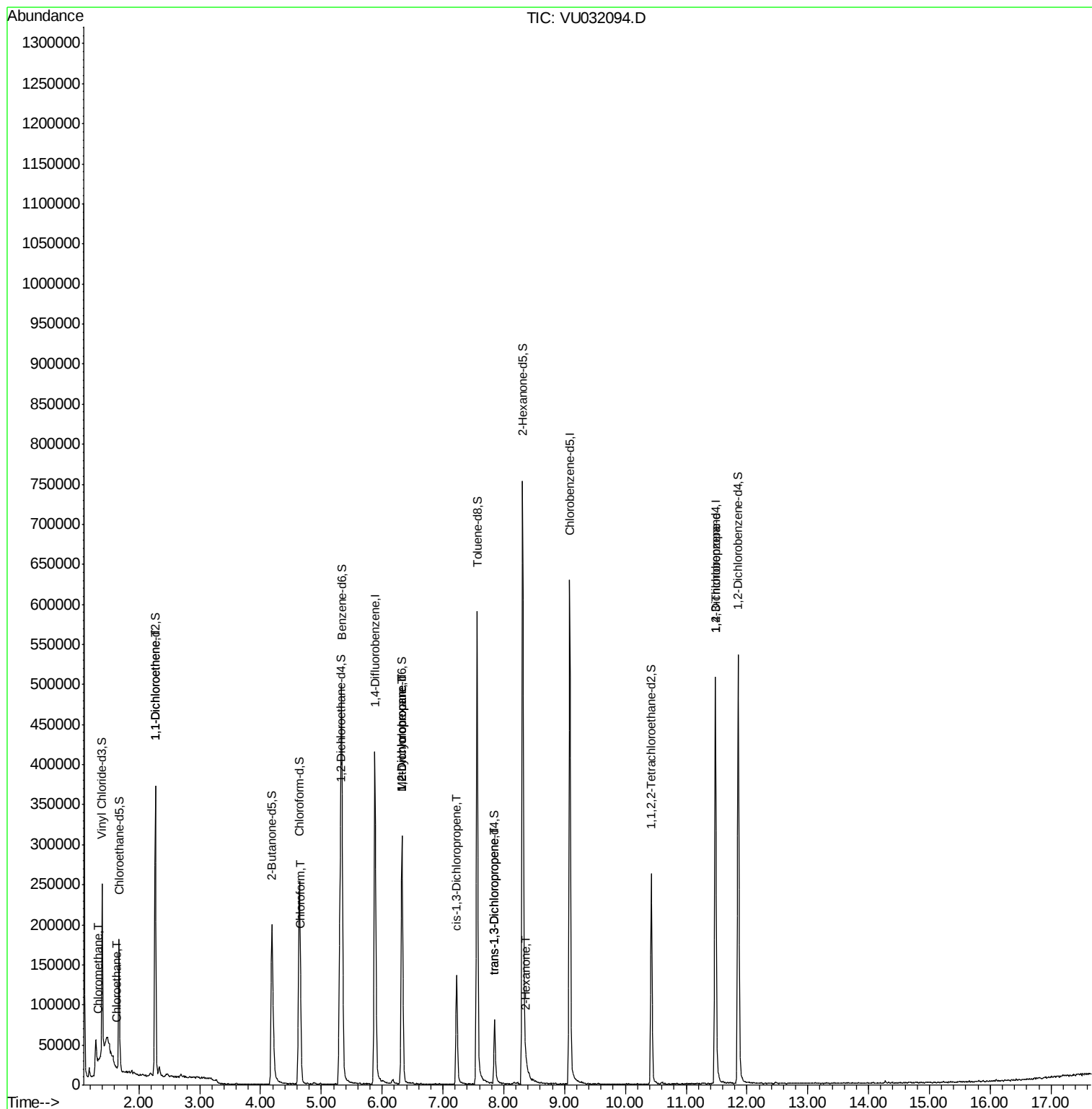
					Qvalue
3) Chloromethane	1.33	50	3544	0.198 ug/L	95
8) Chloroethane	1.63	64	2832	0.242 ug/L #	51
12) 1,1-Dichloroethene	2.27	96	2068	0.138 ug/L #	1
25) Chloroform	4.67	83	3942	0.145 ug/L	85
35) Methylcyclohexane	6.32	83	38415	1.652 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	16398	1.127 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3252	0.162 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1889	0.121 ug/L #	49
48) 2-Hexanone	8.37	43	8318	1.590 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	17565	1.900 ug/L	96

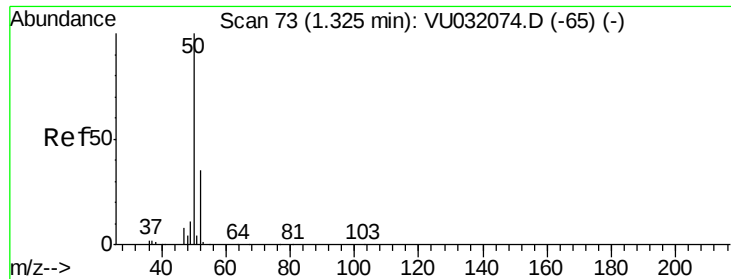
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.198 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032094.D

Acq: 17 May 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

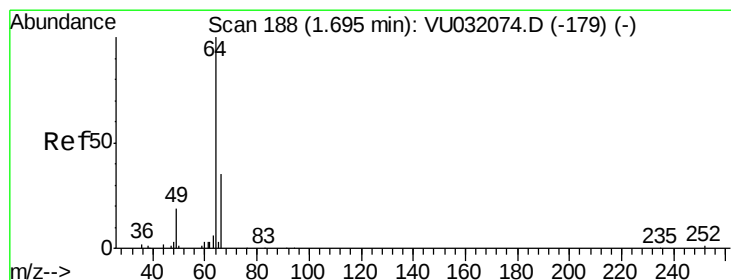
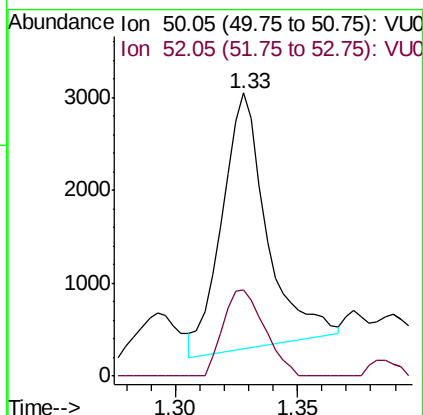
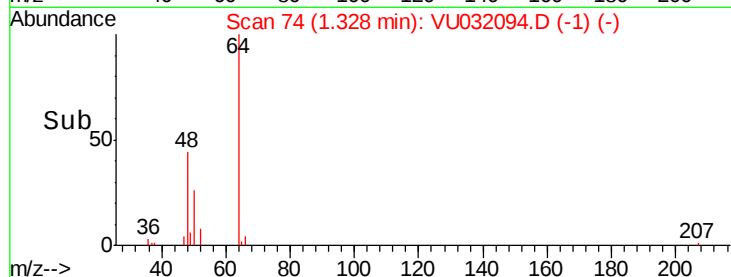
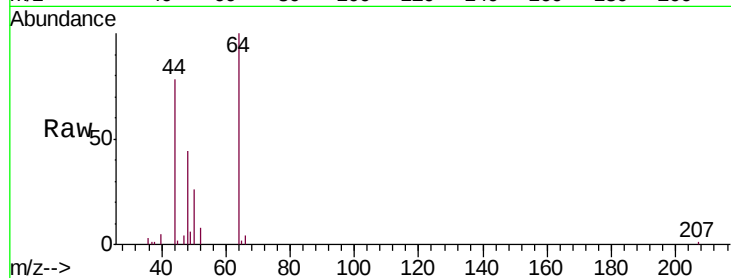
VHBLK01

Tgt Ion: 50 Resp: 3544

Ion Ratio Lower Upper

50 100

52 30.4 23.2 43.0



#8

Chloroethane

Concen: 0.242 ug/L

RT: 1.63 min Scan# 169

Delta R.T. -0.06 min

Lab File: VU032094.D

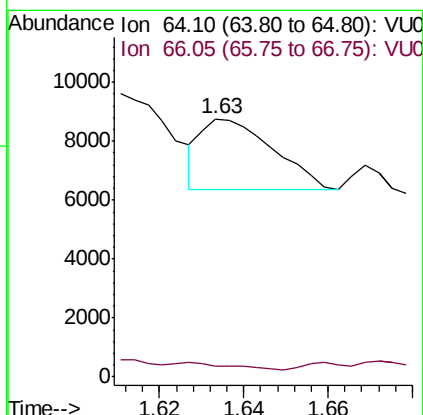
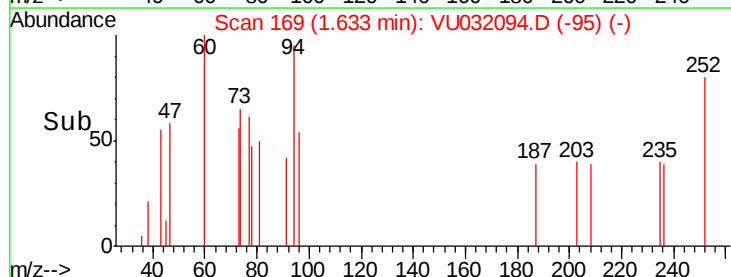
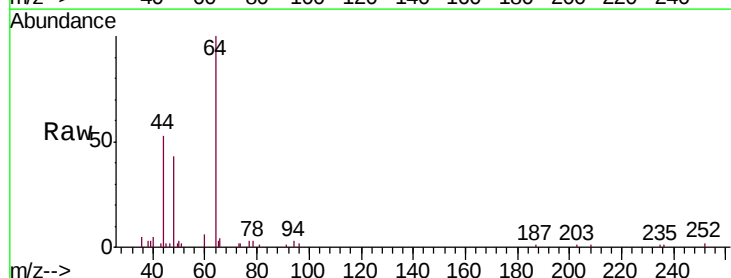
Acq: 17 May 2019 10:44

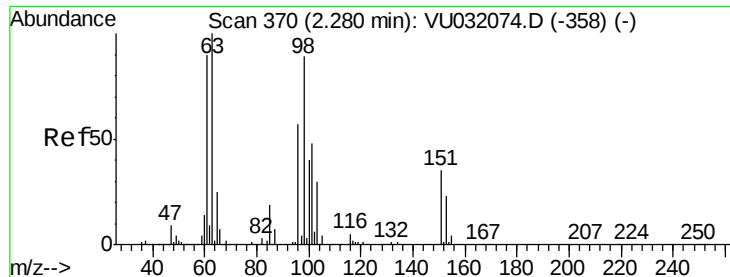
Tgt Ion: 64 Resp: 2832

Ion Ratio Lower Upper

64 100

66 4.2 22.0 41.0#





#12

1,1-Dichloroethene

Concen: 0.138 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032094.D

Acq: 17 May 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

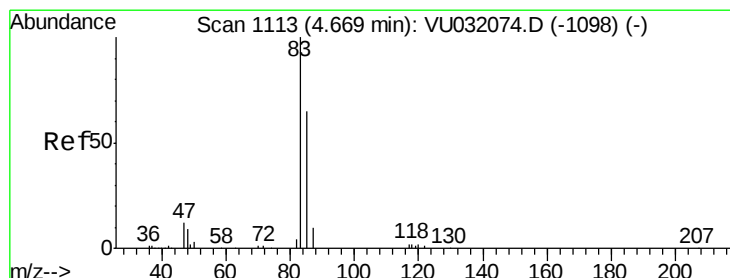
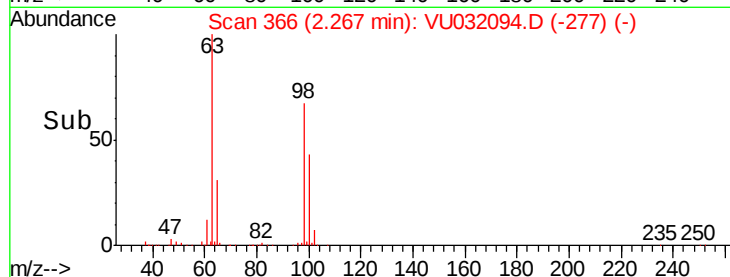
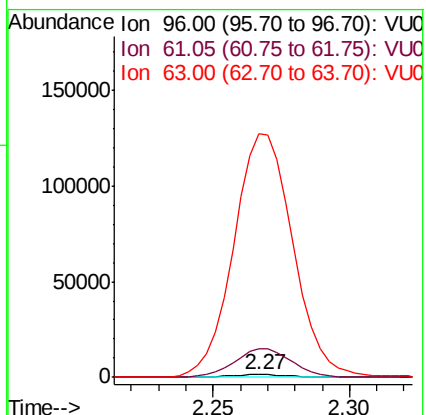
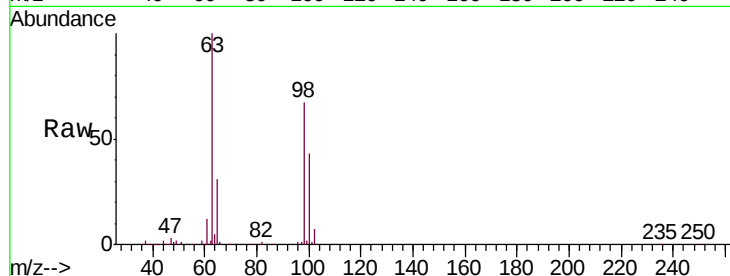
Tgt Ion: 96 Resp: 2068

Ion Ratio Lower Upper

96 100

61 1047.4 111.7 207.5#

63 8919.4 152.2 282.6#



#25

Chloroform

Concen: 0.145 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU032094.D

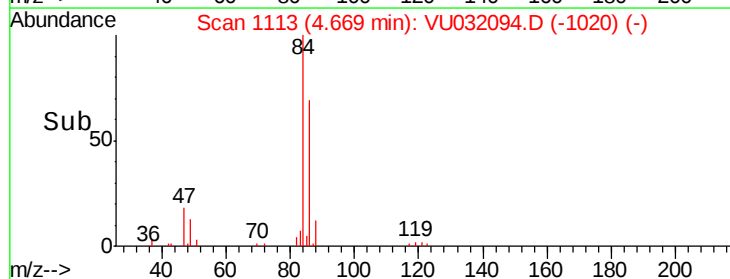
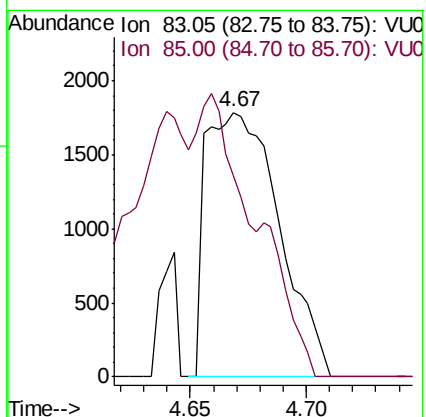
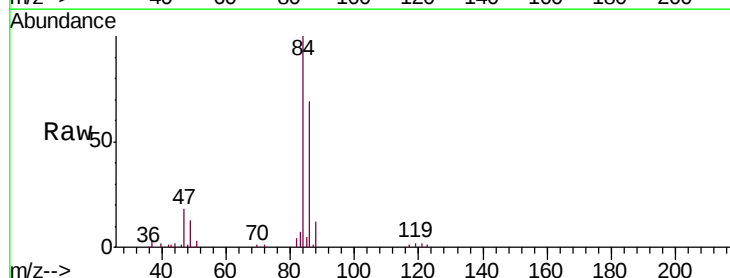
Acq: 17 May 2019 10:44

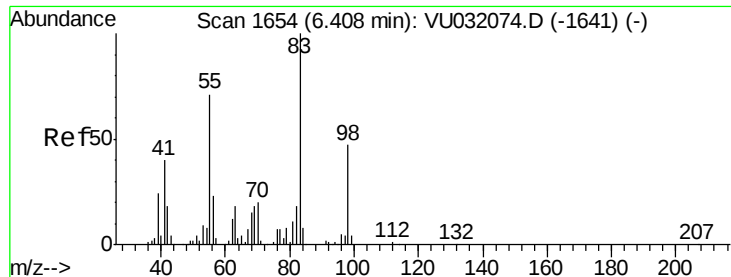
Tgt Ion: 83 Resp: 3942

Ion Ratio Lower Upper

83 100

85 76.0 44.9 83.3





#35

Methylcyclohexane

Concen: 1.652 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032094.D

Acq: 17 May 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

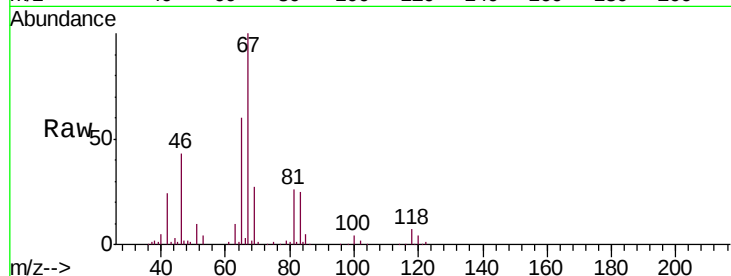
Tgt Ion: 83 Resp: 38415

Ion Ratio Lower Upper

83 100

55 0.0 59.7 89.5#

98 0.8 36.8 55.2#

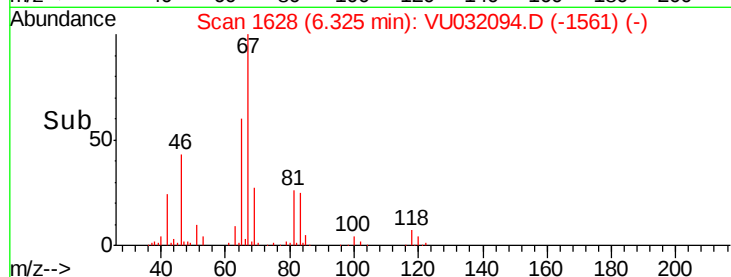


Abundance Ion 83.15 (82.85 to 83.85): VU032074.D (-1641) (-)

Ion 55.10 (54.80 to 55.80): VU032074.D (-1641) (-)

Ion 98.15 (97.85 to 98.85): VU032074.D (-1641) (-)

Time-->

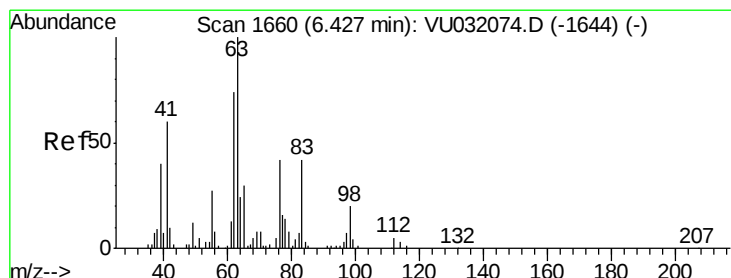


Abundance Ion 83.15 (82.85 to 83.85): VU032094.D (-1561) (-)

Ion 55.10 (54.80 to 55.80): VU032094.D (-1561) (-)

Ion 98.15 (97.85 to 98.85): VU032094.D (-1561) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 1.127 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032094.D

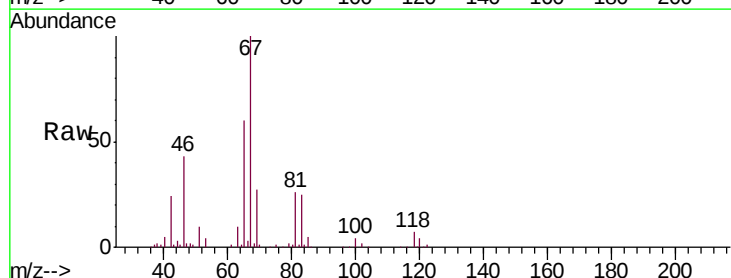
Acq: 17 May 2019 10:44

Tgt Ion: 63 Resp: 16398

Ion Ratio Lower Upper

63 100

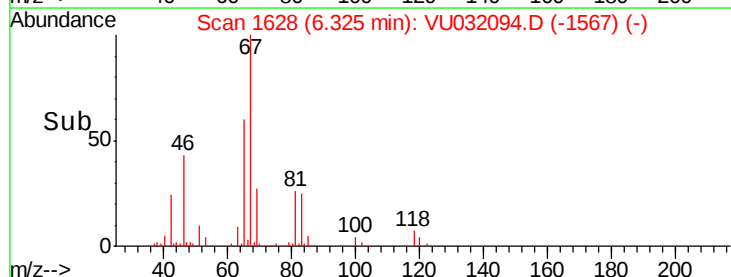
112 0.8 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032074.D (-1644) (-)

Ion 112.10 (111.80 to 112.80): VU032074.D (-1644) (-)

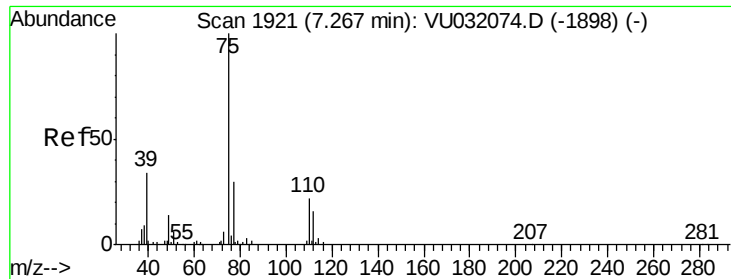
Time-->



Abundance Ion 63.10 (62.80 to 63.80): VU032094.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VU032094.D (-1567) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.162 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU032094.D

Acq: 17 May 2019 10:44

Instrument :

MSVOA_U

ClientSampleId :

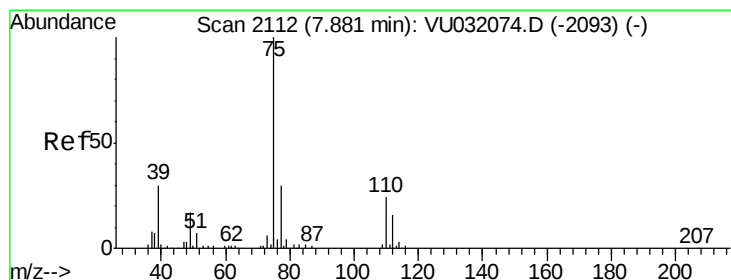
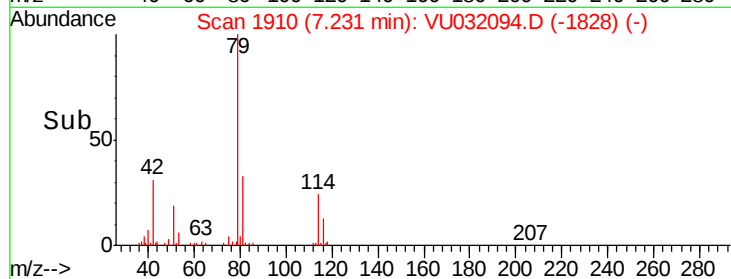
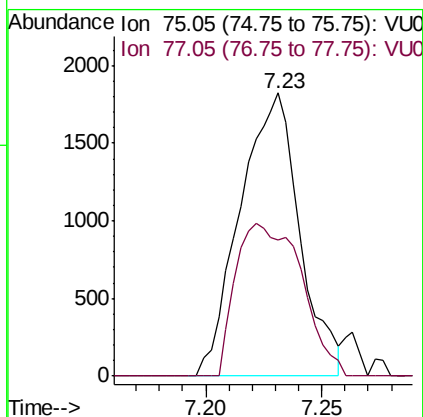
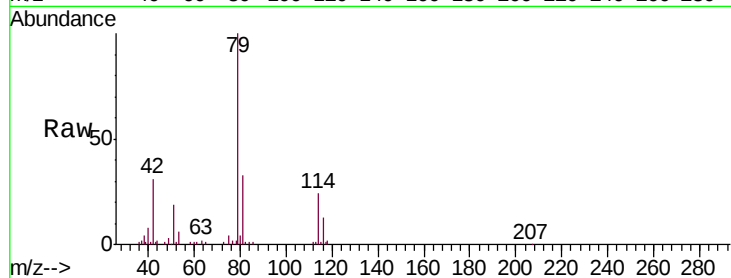
VHBLK01

Tgt Ion: 75 Resp: 3252

Ion Ratio Lower Upper

75 100

77 48.3 21.7 40.3#



#44

trans-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032094.D

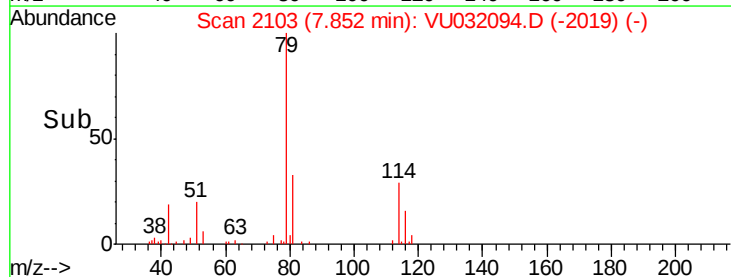
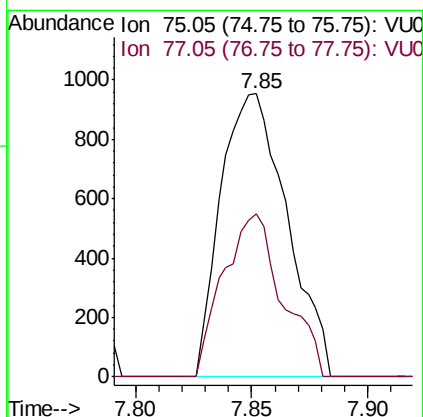
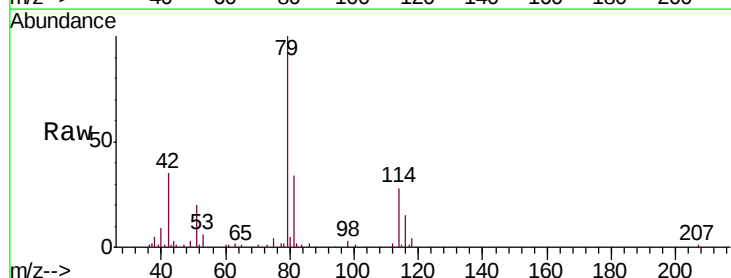
Acq: 17 May 2019 10:44

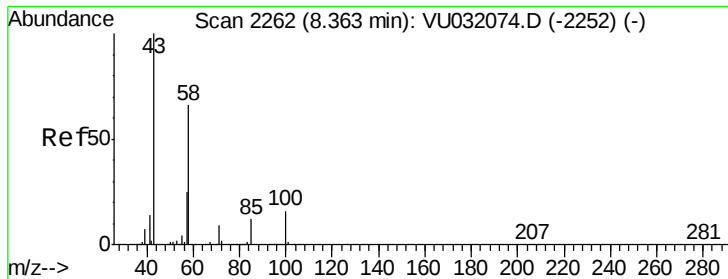
Tgt Ion: 75 Resp: 1889

Ion Ratio Lower Upper

75 100

77 57.6 21.0 39.0#

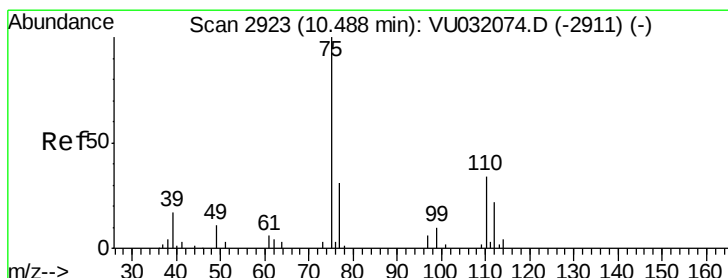
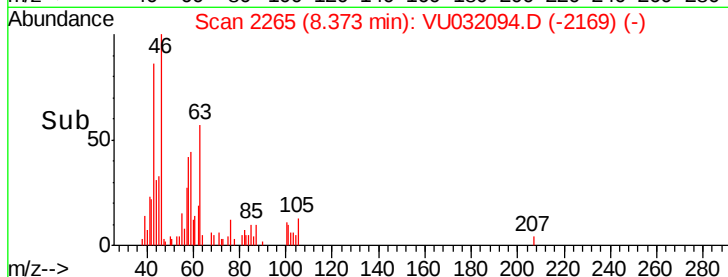
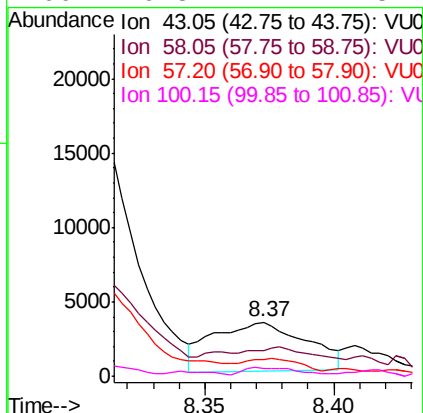
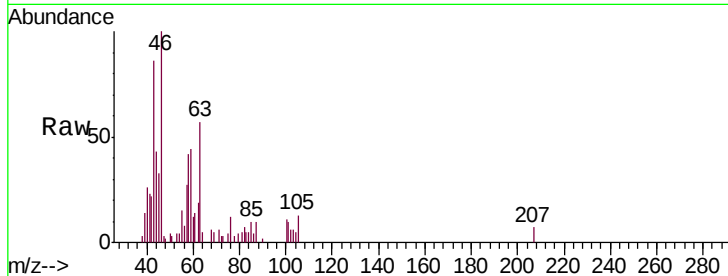




#48
 2-Hexanone
 Concen: 1.590 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU032094.D
 Acq: 17 May 2019 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 8318
 Ion Ratio Lower Upper
 43 100
 58 42.5 51.6 77.4#
 57 15.1 18.4 27.6#
 100 10.8 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.900 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032094.D
 Acq: 17 May 2019 10:44

Tgt Ion: 75 Resp: 17565
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2

