

Data File : VU032147.D
Acq On : 20 May 2019 11:58
Operator : JC/SP
Sample : VU0520WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK20

Quant Time: May 21 06:42:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	361472	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153376	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110218	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.68	69	104419	4.01	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.27	63	155101	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.20	46	264140	44.19	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.38%
24) Chloroform-d	4.64	84	229963	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.31	65	115653	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.33	84	463398	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.32	67	136965	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.56	98	373164	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	7.85	79	45563	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.31	63	221233	41.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118702	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	146649	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

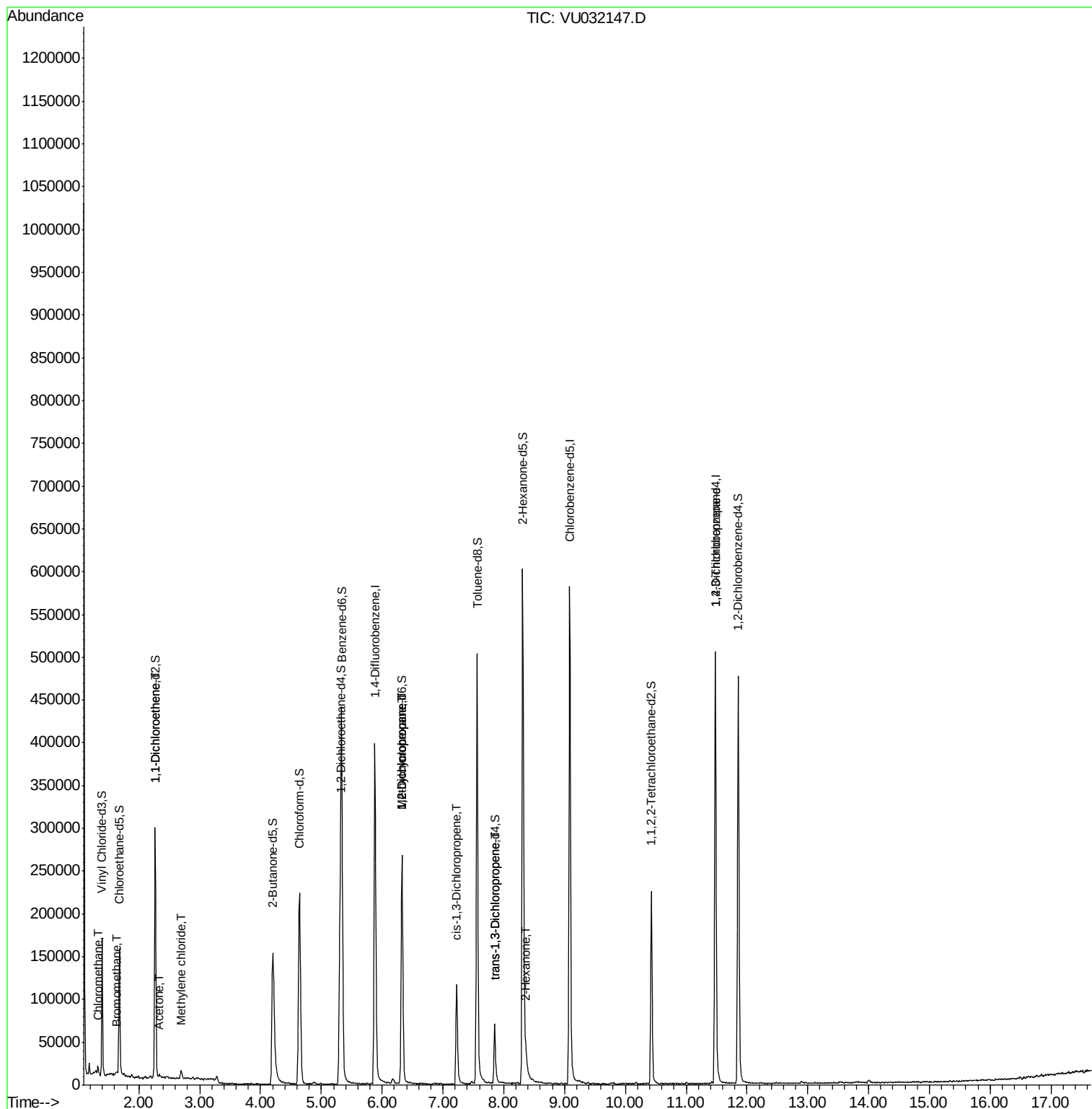
					Qvalue
3) Chloromethane	1.32	50	7026	0.405 ug/L	95
6) Bromomethane	1.63	94	1583	0.151 ug/L	92
12) 1,1-Dichloroethene	2.27	96	2003	0.138 ug/L #	1
13) Acetone	2.34	43	2354	1.200 ug/L	66
16) Methylene chloride	2.69	84	5294	0.306 ug/L	88
35) Methylcyclohexane	6.33	83	33182	1.489 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14529	1.042 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3036	0.157 ug/L #	43
44) trans-1,3-Dichloropropene	7.86	75	2305	0.154 ug/L	96
48) 2-Hexanone	8.37	43	11501	2.293 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	15265	1.723 ug/L	89

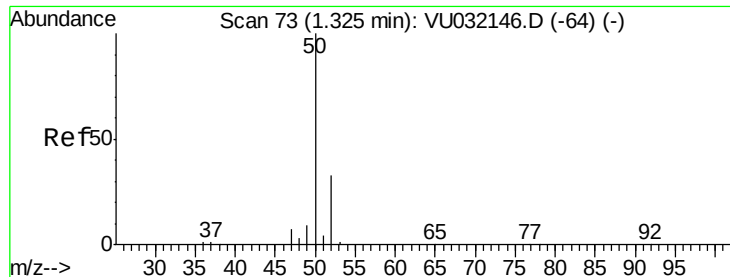
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.405 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032147.D

Acq: 20 May 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

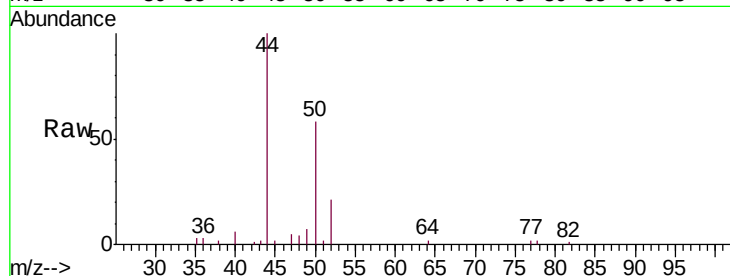
VBLK20

Tgt Ion: 50 Resp: 7026

Ion Ratio Lower Upper

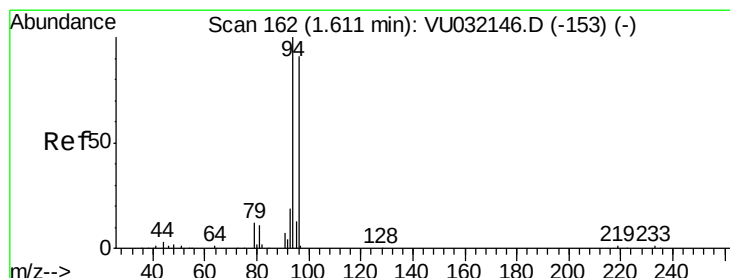
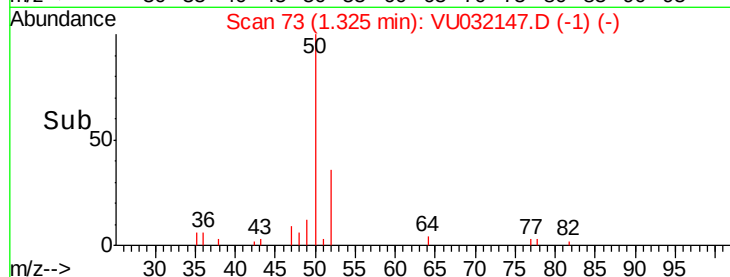
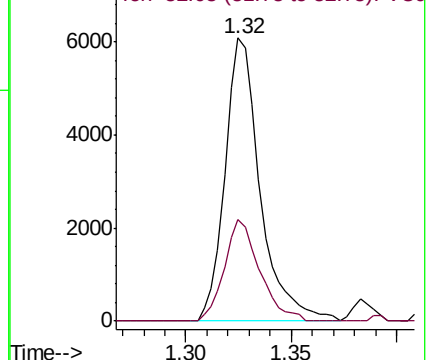
50 100

52 36.0 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#6

Bromomethane

Concen: 0.151 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.02 min

Lab File: VU032147.D

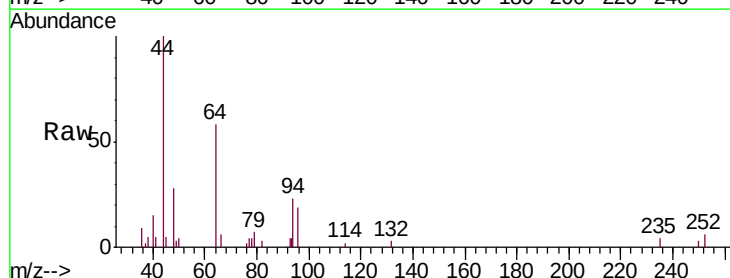
Acq: 20 May 2019 11:58

Tgt Ion: 94 Resp: 1583

Ion Ratio Lower Upper

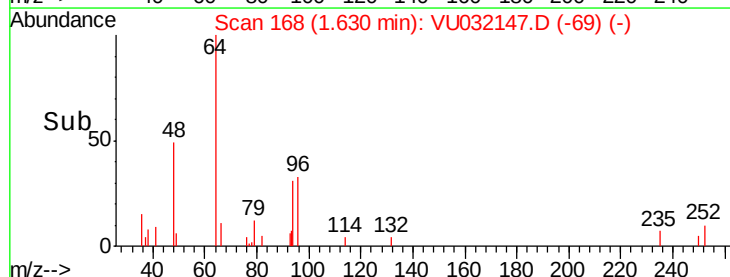
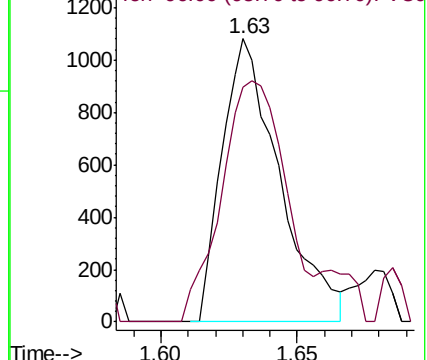
94 100

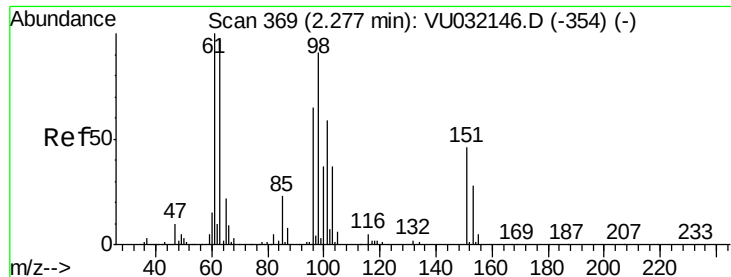
96 82.9 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

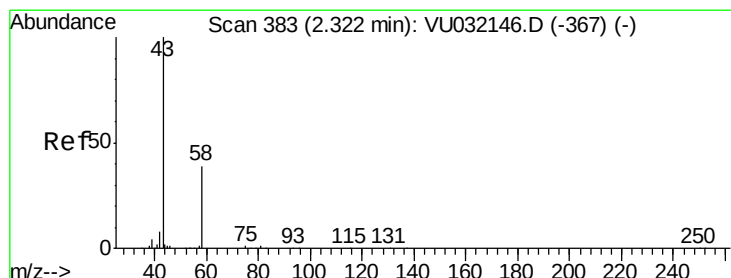
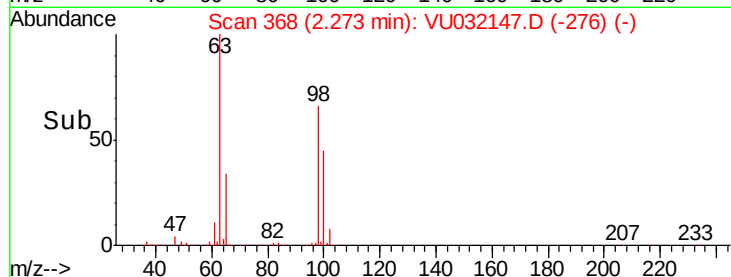
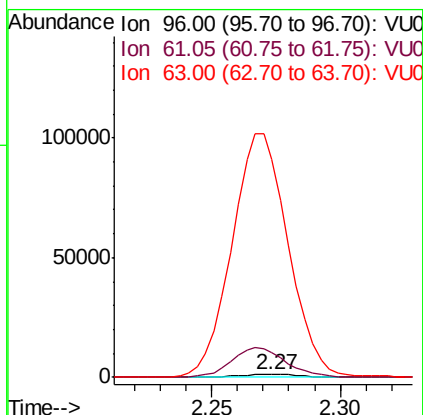
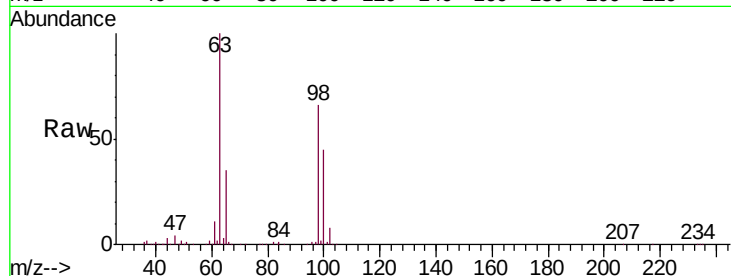




#12
 1,1-Dichloroethene
 Concen: 0.138 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU032147.D
 Acq: 20 May 2019 11:58

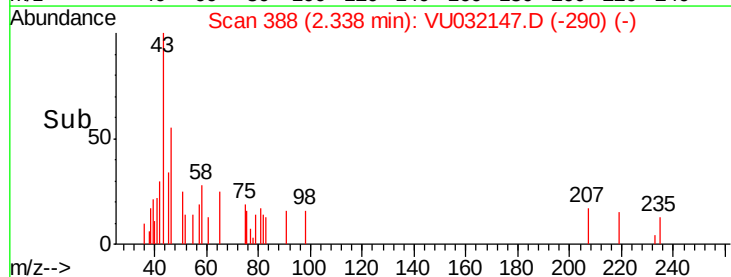
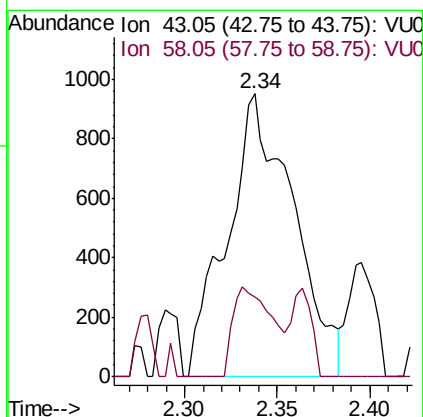
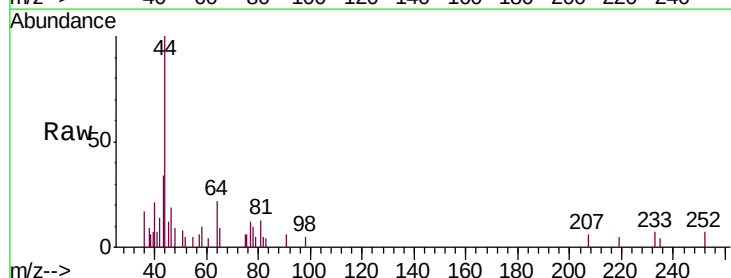
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK20

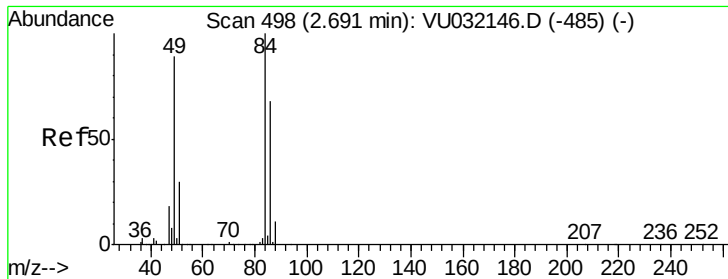
Tgt Ion: 96 Resp: 2003
 Ion Ratio Lower Upper
 96 100
 61 865.6 111.7 207.5#
 63 7827.8 152.2 282.6#



#13
 Acetone
 Concen: 1.200 ug/L
 RT: 2.34 min Scan# 388
 Delta R.T. 0.02 min
 Lab File: VU032147.D
 Acq: 20 May 2019 11:58

Tgt Ion: 43 Resp: 2354
 Ion Ratio Lower Upper
 43 100
 58 18.6 0.0 78.8

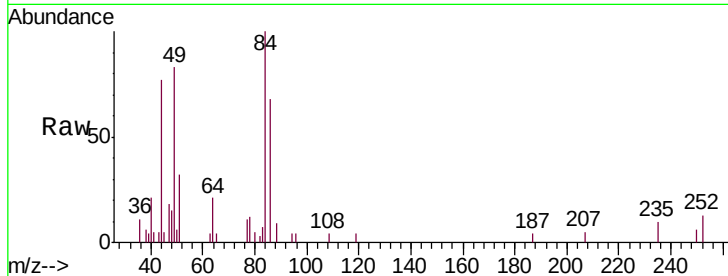




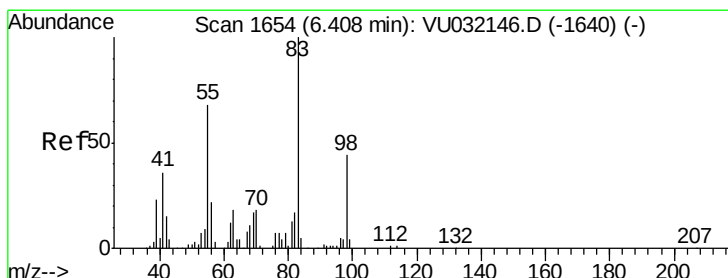
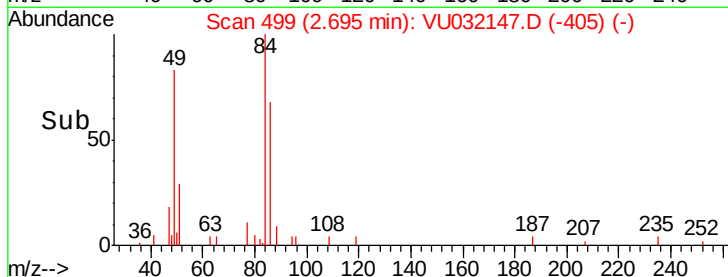
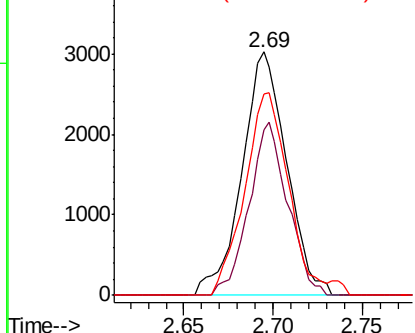
#16
Methylene chloride
Concen: 0.306 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032147.D
Acq: 20 May 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
VBLK20

Tgt Ion: 84 Resp: 5294
Ion Ratio Lower Upper
84 100
86 68.0 43.1 80.1
49 82.8 67.7 125.7

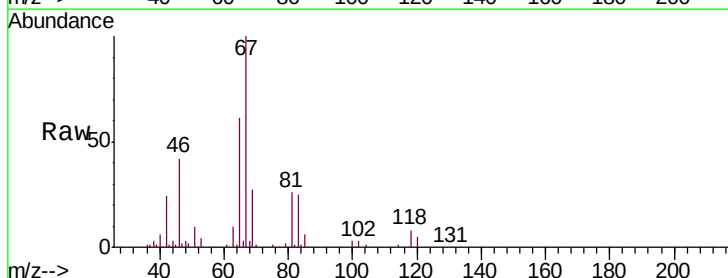


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

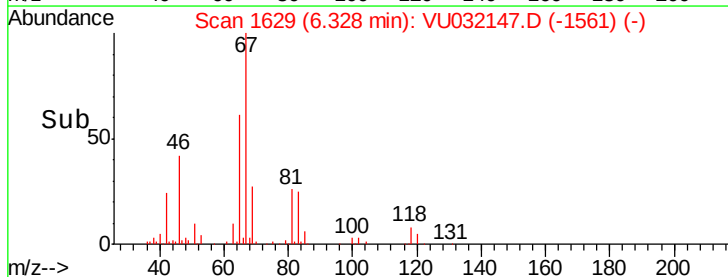
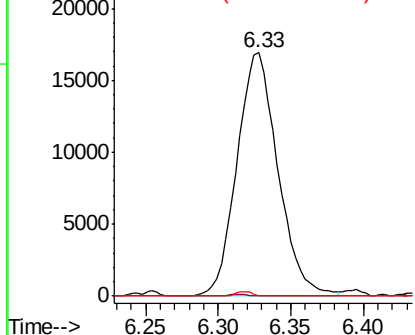


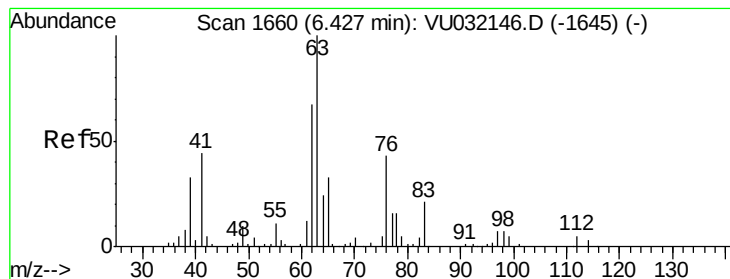
#35
Methylcyclohexane
Concen: 1.489 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032147.D
Acq: 20 May 2019 11:58

Tgt Ion: 83 Resp: 33182
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 0.7 36.8 55.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 1.042 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032147.D

Acq: 20 May 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

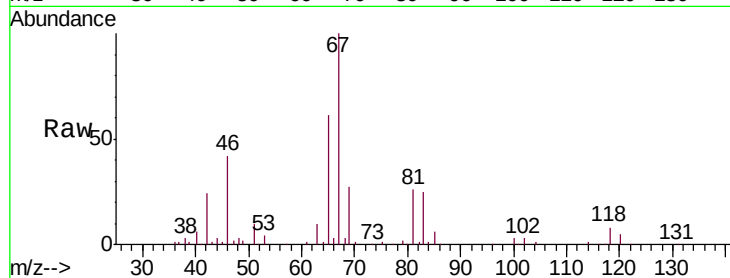
VBLK20

Tgt Ion: 63 Resp: 14529

Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032147.D (-1629) (-)

Ion 112.10 (111.80 to 112.80): VU032147.D (-1629) (-)

8000

6000

4000

2000

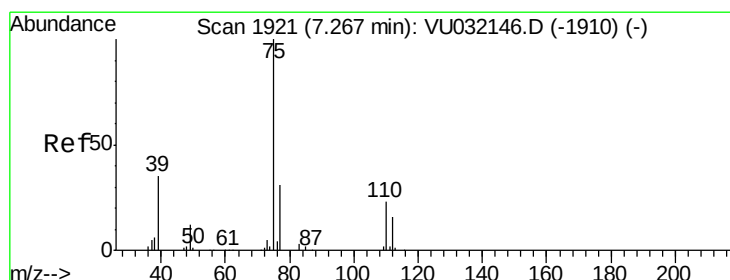
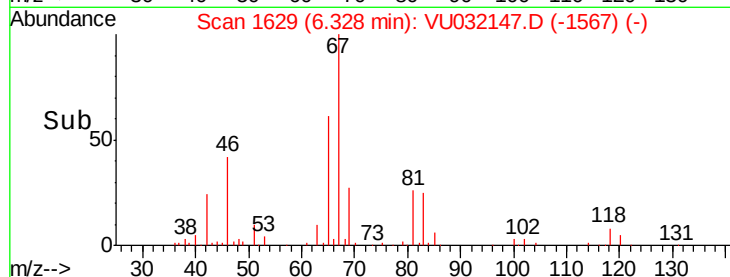
0

Time-->

6.25

6.30

6.35



#39

cis-1,3-Dichloropropene

Concen: 0.157 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032147.D

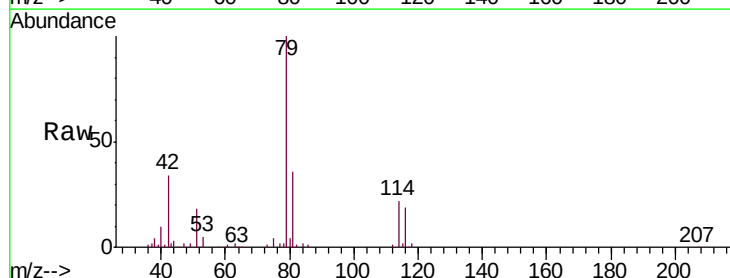
Acq: 20 May 2019 11:58

Tgt Ion: 75 Resp: 3036

Ion Ratio Lower Upper

75 100

77 62.2 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU032147.D (-1908) (-)

Ion 77.05 (76.75 to 77.75): VU032147.D (-1908) (-)

1500

1000

500

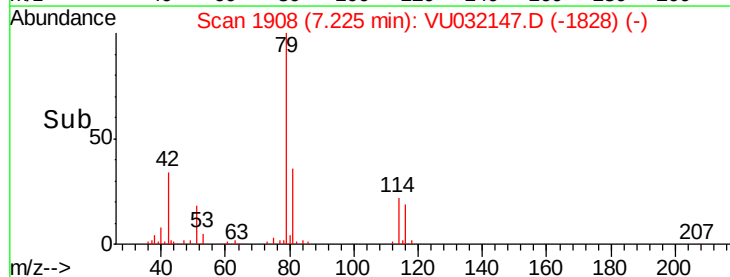
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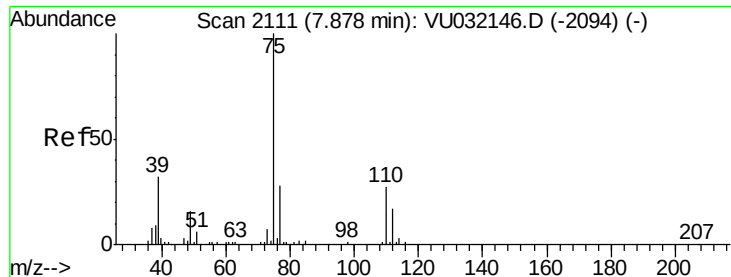
Time-->

7.20

7.25

7.30

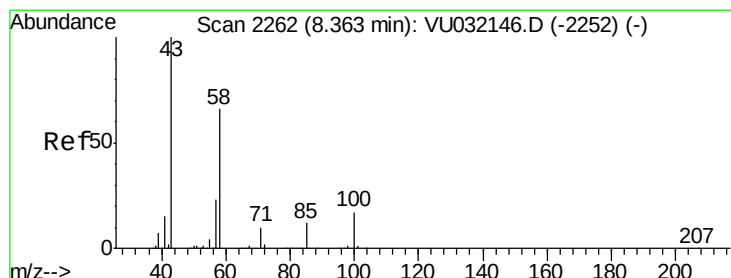
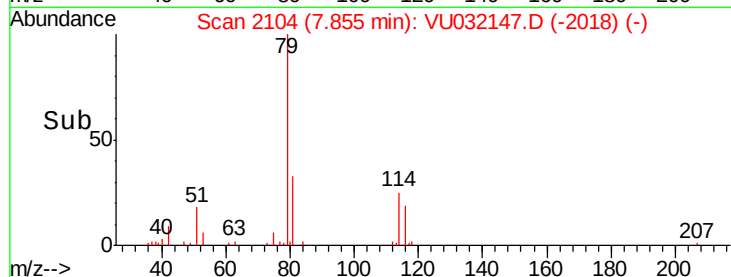
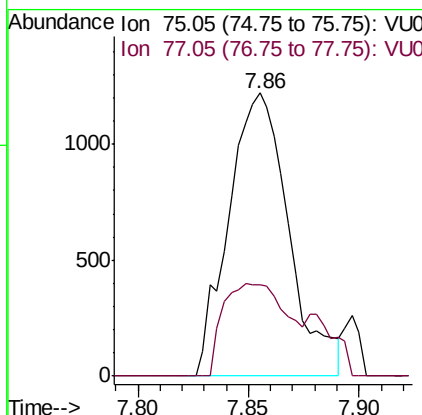
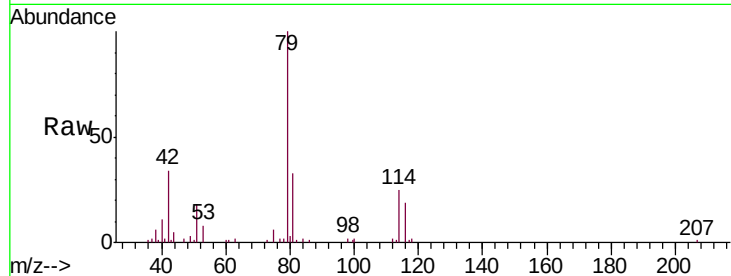




#44
trans-1,3-Dichloropropene
Concen: 0.154 ug/L
RT: 7.86 min Scan# 2104
Delta R.T. -0.02 min
Lab File: VU032147.D
Acq: 20 May 2019 11:58

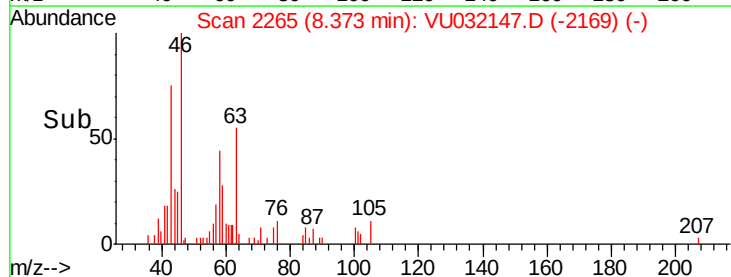
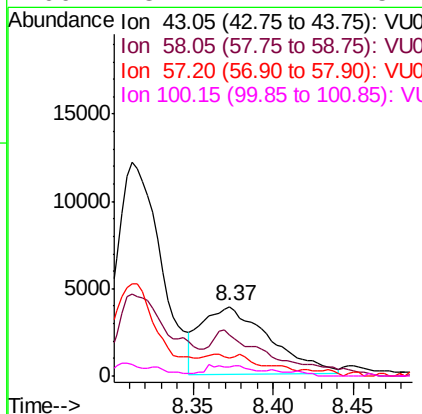
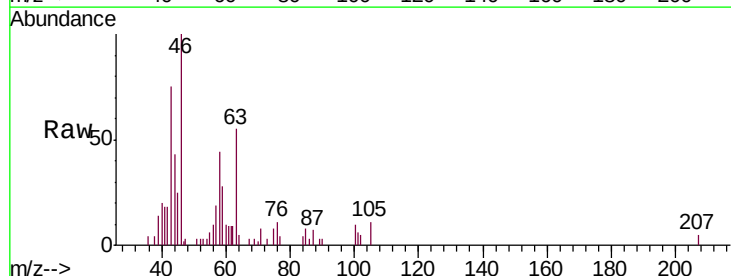
Instrument :
MSVOA_U
ClientSampled :
VBLK20

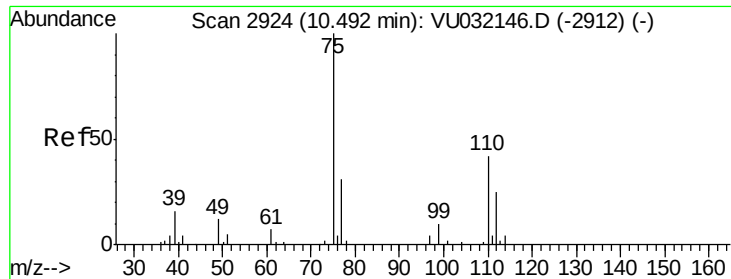
Tgt Ion: 75 Resp: 2305
Ion Ratio Lower Upper
75 100
77 32.4 21.0 39.0



#48
2-Hexanone
Concen: 2.293 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU032147.D
Acq: 20 May 2019 11:58

Tgt Ion: 43 Resp: 11501
Ion Ratio Lower Upper
43 100
58 59.0 51.6 77.4
57 0.0 18.4 27.6#
100 3.7 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.723 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032147.D

Acq: 20 May 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

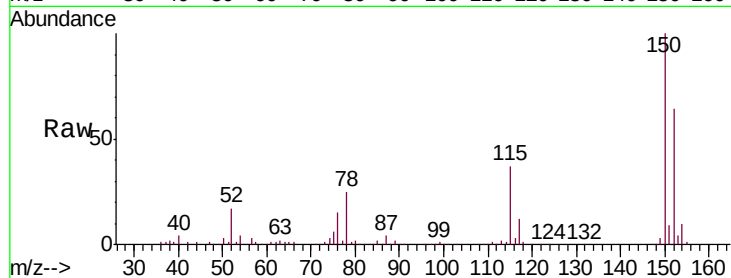
VBLK20

Tgt Ion: 75 Resp: 15265

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

