

Data File : VU032124.D
Acq On : 18 May 2019 01:42
Operator : JC/SP
Sample : VU0517WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK19

Quant Time: May 18 05:48:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	361412	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	368188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114327	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.68	69	102923	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.27	63	158223	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.21	46	296019	49.53	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.64	84	235776	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.31	65	122889	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.33	84	464917	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.33	67	138495	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.56	98	383688	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.85	79	45263	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.31	63	260555	48.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131400	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	149595	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

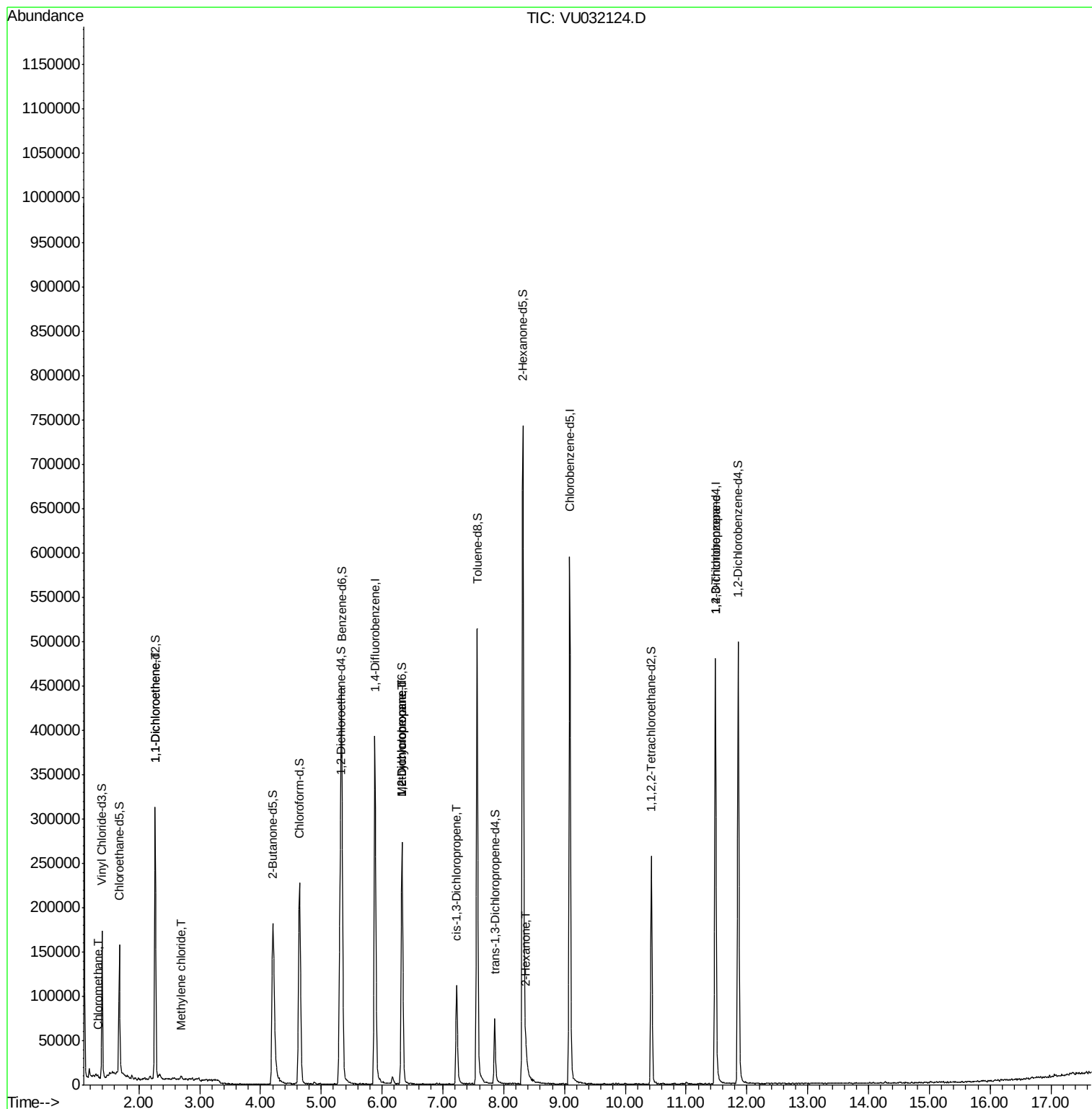
						Qvalue
3) Chloromethane	1.32	50	2394	0.138	ug/L	98
12) 1,1-Dichloroethene	2.26	96	1662	0.115	ug/L #	1
16) Methylene chloride	2.70	84	2268	0.131	ug/L #	69
35) Methylcyclohexane	6.33	83	35120	1.590	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	13771	0.996	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3152	0.165	ug/L	88
48) 2-Hexanone	8.37	43	12321	2.479	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	15162	1.727	ug/L	92

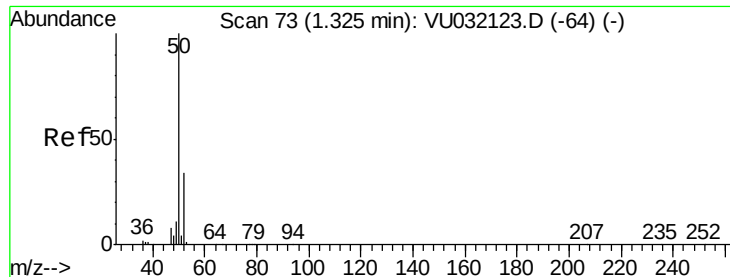
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.138 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032124.D

Acq: 18 May 2019 01:42

Instrument :

MSVOA_U

ClientSampleId :

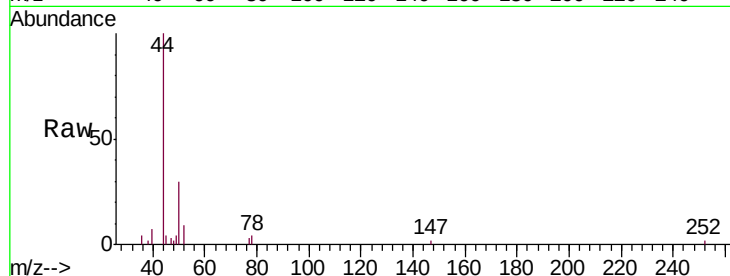
VBLK19

Tgt Ion: 50 Resp: 2394

Ion Ratio Lower Upper

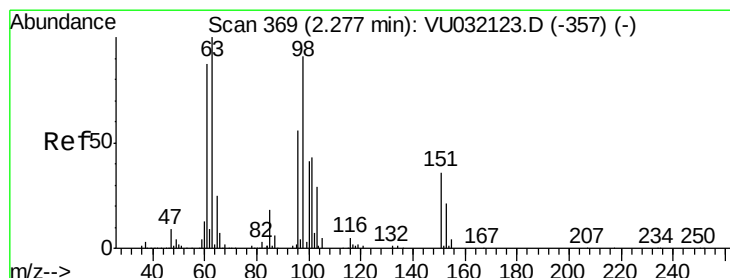
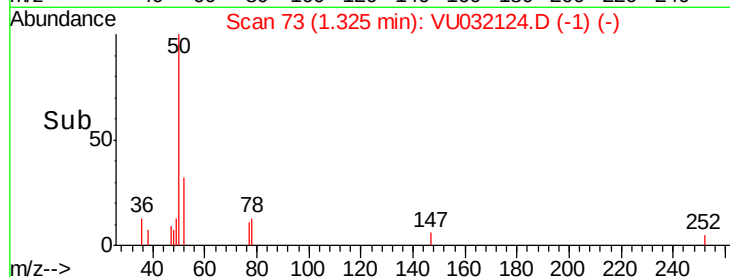
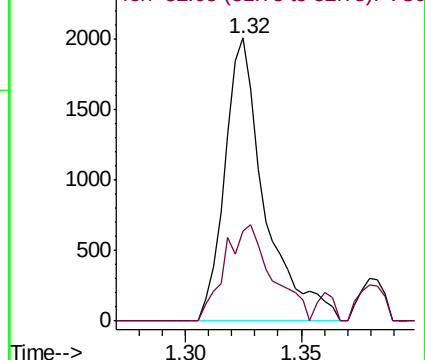
50 100

52 31.7 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.115 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU032124.D

Acq: 18 May 2019 01:42

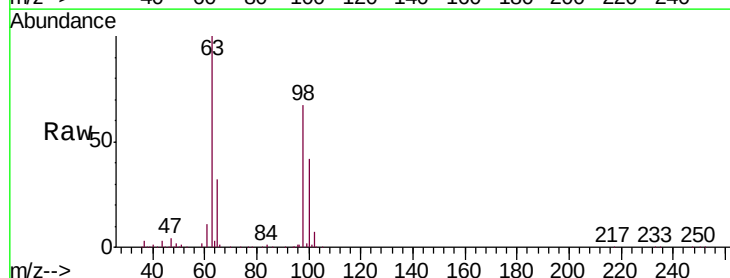
Tgt Ion: 96 Resp: 1662

Ion Ratio Lower Upper

96 100

61 760.2 111.7 207.5#

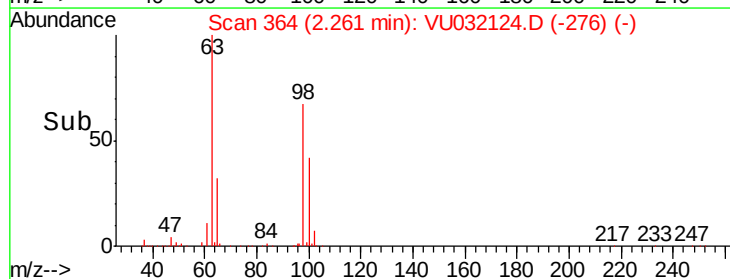
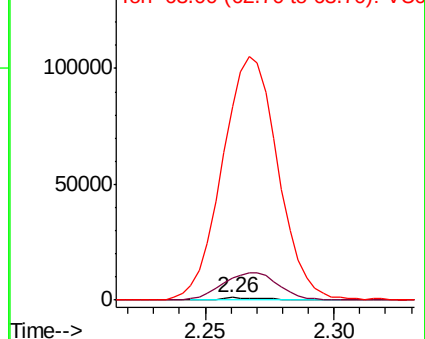
63 6805.2 152.2 282.6#

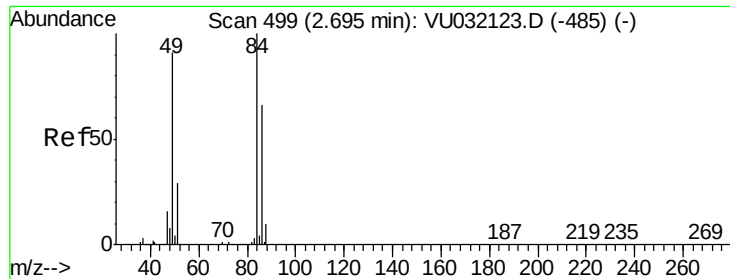


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

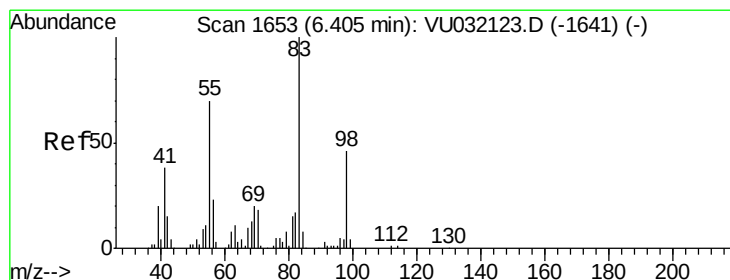
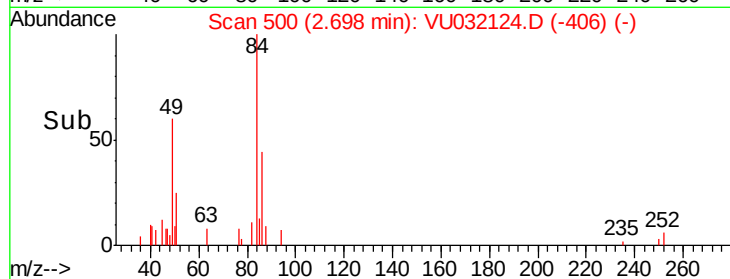
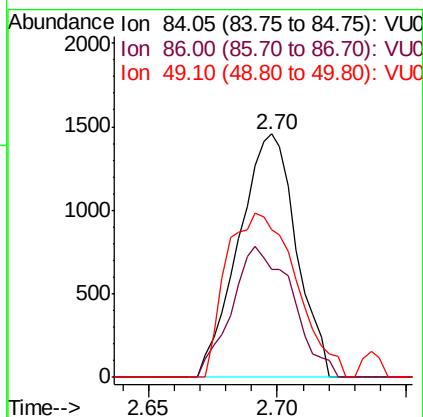
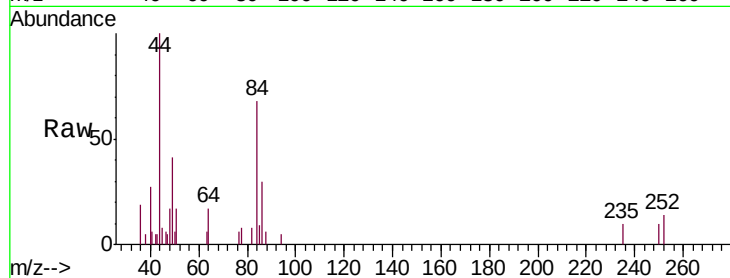




#16
Methylene chloride
Concen: 0.131 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032124.D
Acq: 18 May 2019 01:42

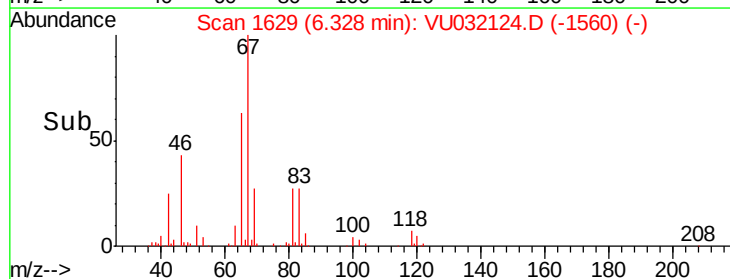
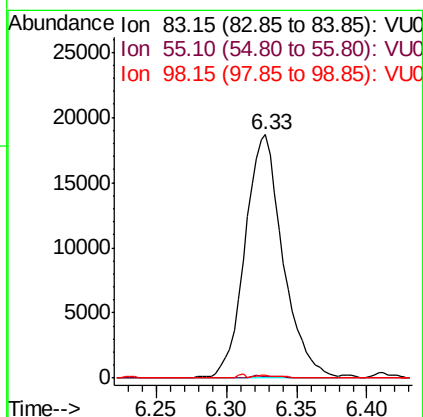
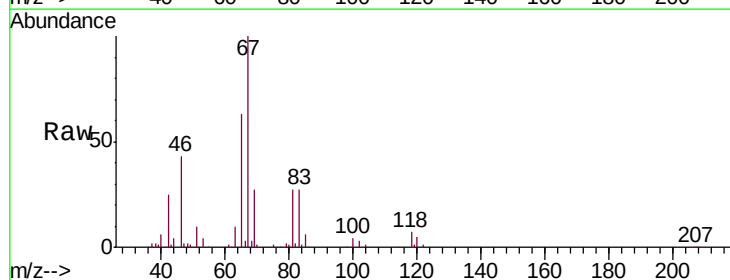
Instrument :
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VBLK19

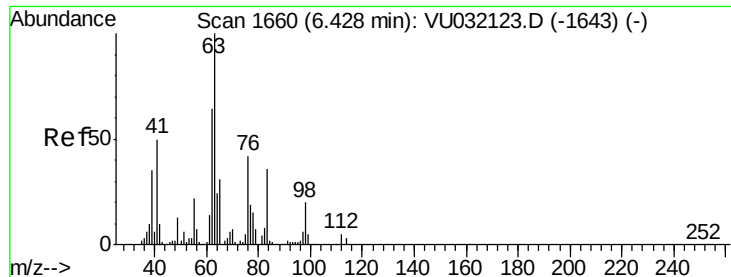
Tgt Ion: 84 Resp: 2268
Ion Ratio Lower Upper
84 100
86 44.3 43.1 80.1
49 60.5 67.7 125.7#



#35
Methylcyclohexane
Concen: 1.590 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032124.D
Acq: 18 May 2019 01:42

Tgt Ion: 83 Resp: 35120
Ion Ratio Lower Upper
83 100
55 0.6 59.7 89.5#
98 0.8 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 0.996 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032124.D

Acq: 18 May 2019 01:42

Instrument :

MSVOA_U

ClientSampleId :

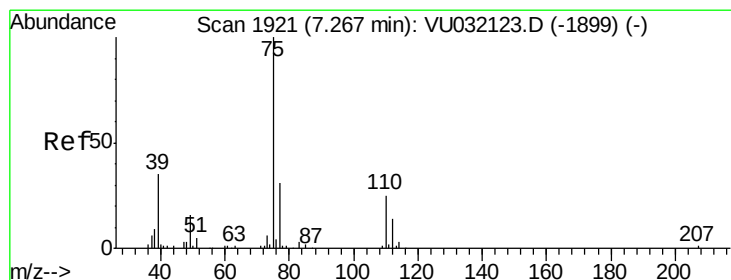
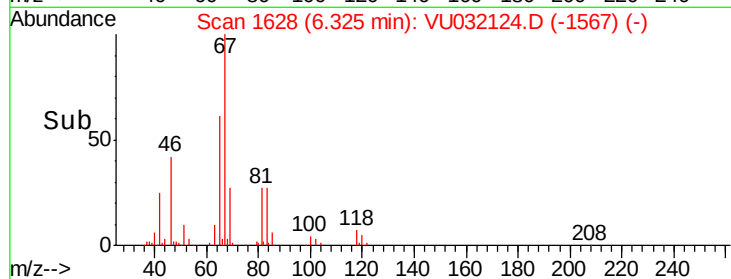
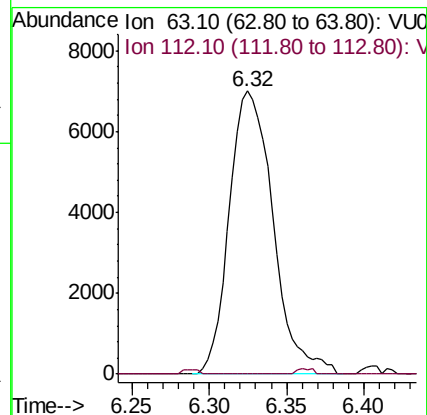
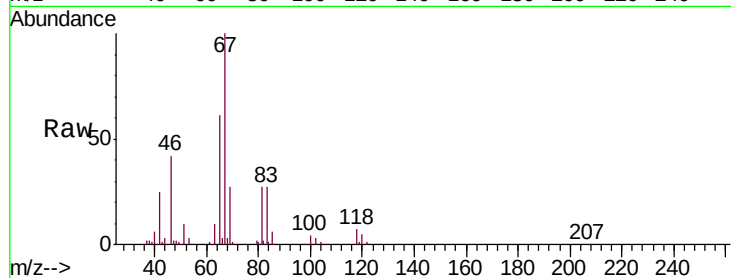
VBLK19

Tgt Ion: 63 Resp: 13771

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.165 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.05 min

Lab File: VU032124.D

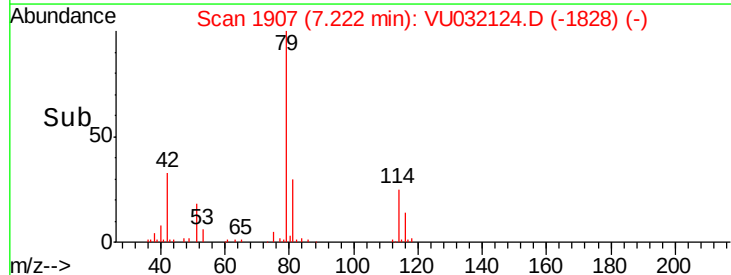
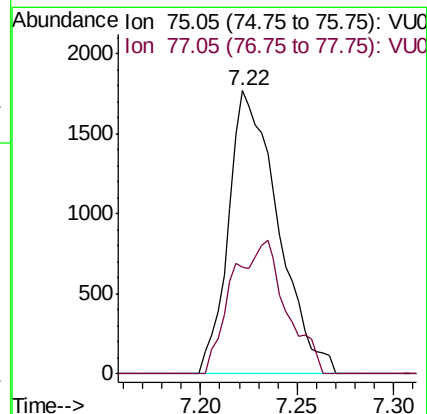
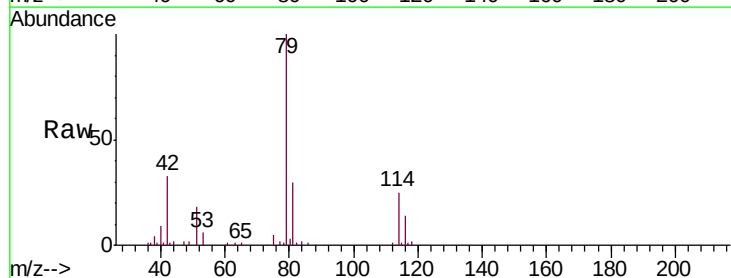
Acq: 18 May 2019 01:42

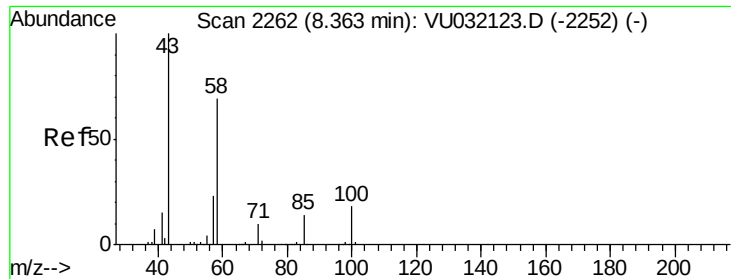
Tgt Ion: 75 Resp: 3152

Ion Ratio Lower Upper

75 100

77 37.6 21.7 40.3

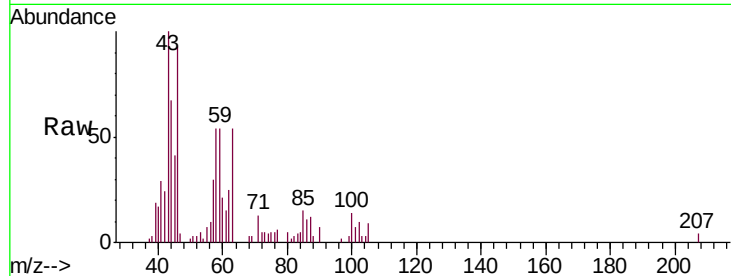




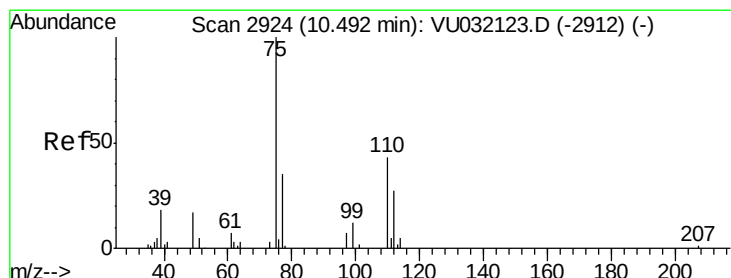
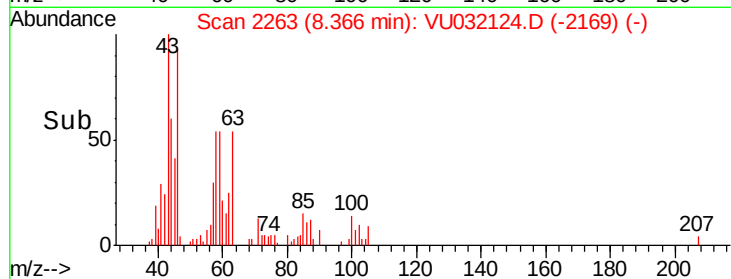
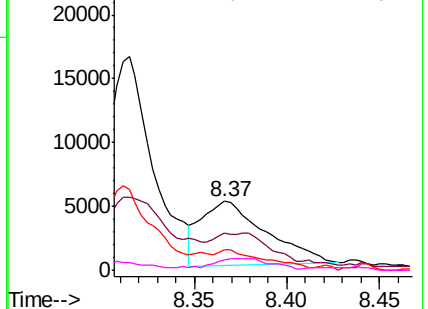
#48
 2-Hexanone
 Concen: 2.479 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU032124.D
 Acq: 18 May 2019 01:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK19

Tgt Ion: 43 Resp: 12321
 Ion Ratio Lower Upper
 43 100
 58 55.9 51.6 77.4
 57 23.4 18.4 27.6
 100 16.5 12.2 18.4

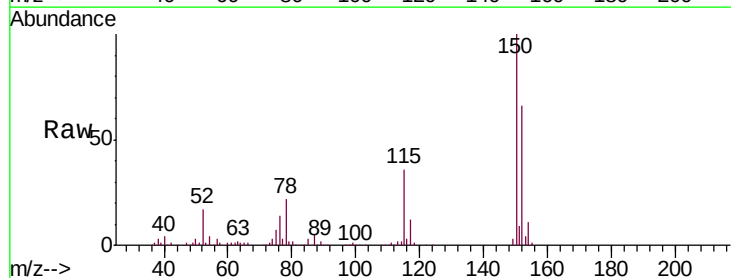


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.727 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032124.D
 Acq: 18 May 2019 01:42

Tgt Ion: 75 Resp: 15162
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.2 39.2



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

