

Data File : VU032840.D
Acq On : 18 Jun 2019 22:05
Operator : JC/SP
Sample : K3379-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Jun 19 04:40:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	217911	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	213332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108642	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60720	40.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.54%
7) Chloroethane-d5	1.68	69	50467	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.98%
11) 1,1-Dichloroethene-d2	2.27	63	97166	32.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.78%
21) 2-Butanone-d5	4.17	46	116602	94.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.07%
24) Chloroform-d	4.64	84	126115	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	5.30	65	87487	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
32) Benzene-d6	5.33	84	254635	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
36) 1,2-Dichloropropane-d6	6.32	67	81086	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.54%
41) Toluene-d8	7.56	98	233621	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
43) trans-1,3-Dichloropropene-	7.85	79	40003	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.82%
47) 2-Hexanone-d5	8.31	63	76374	92.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117711	42.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	97766	46.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

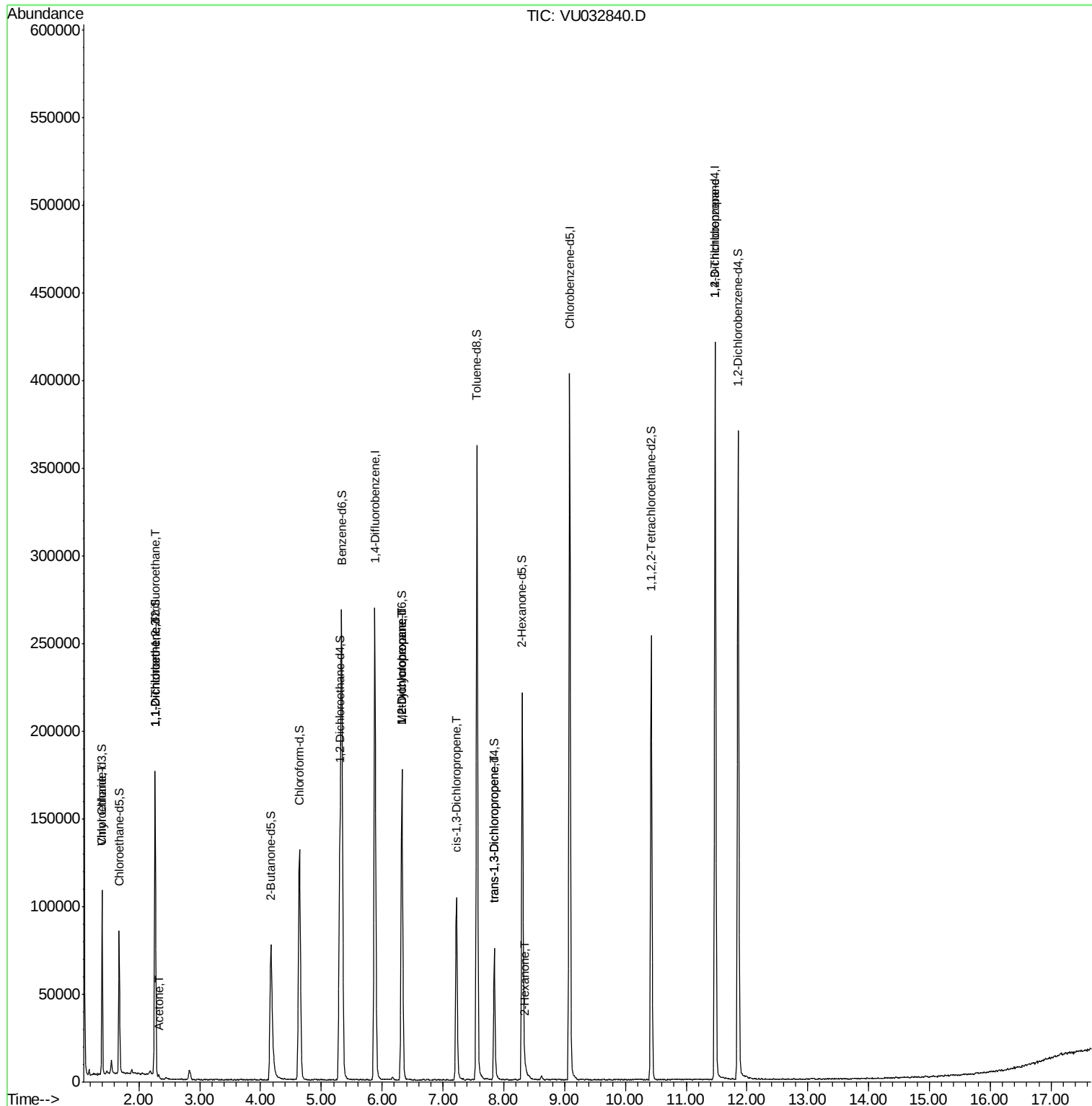
					Qvalue
8) Chloroethane	1.40	64	857	0.752 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	942	0.647 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	815	0.594 ug/L #	1
13) Acetone	2.32	43	888	0.519 ug/L #	44
35) Methylcyclohexane	6.32	83	18792	7.404 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	9704	5.756 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2833	1.079 ug/L #	69
44) trans-1,3-Dichloropropene	7.84	75	1950	0.790 ug/L	92
48) 2-Hexanone	8.36	43	2323	0.978 ug/L #	46
59) 1,2,3-Trichloropropane	11.48	75	13592	6.042 ug/L	90

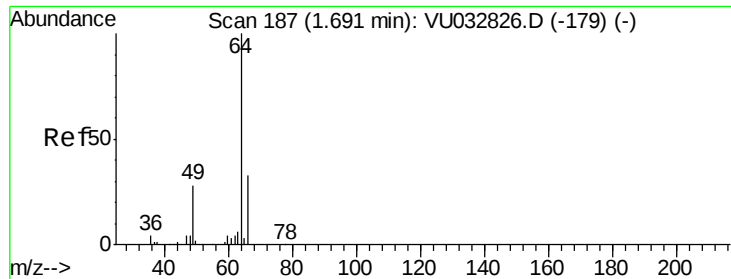
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.752 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032840.D

Acq: 18 Jun 2019 22:05

Instrument :

MSVOA_U

ClientSampleId :

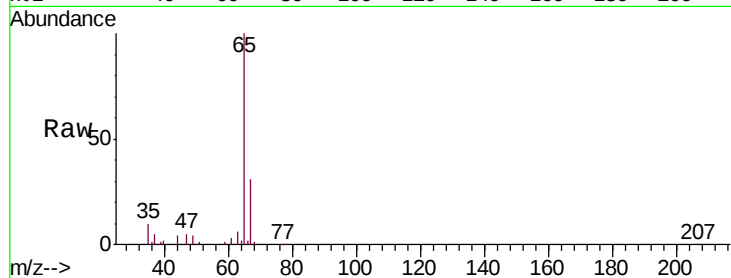
VHBLK02

Tgt Ion: 64 Resp: 857

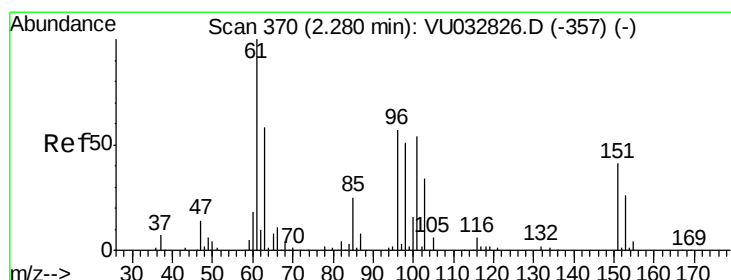
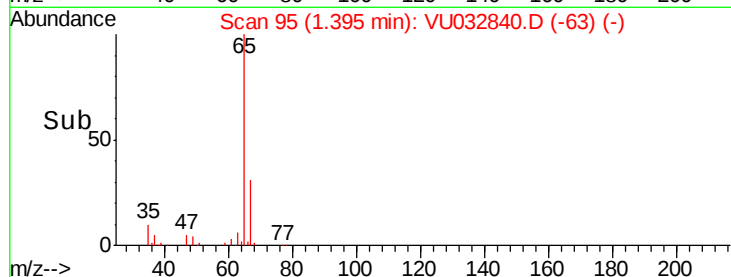
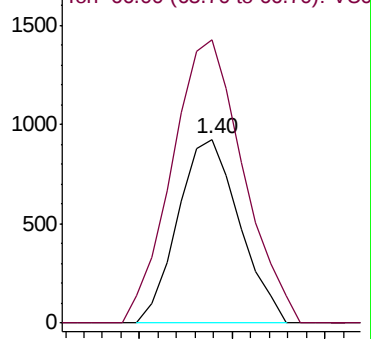
Ion Ratio Lower Upper

64 100

66 153.7 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU032826.D (-179) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.647 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032840.D

Acq: 18 Jun 2019 22:05

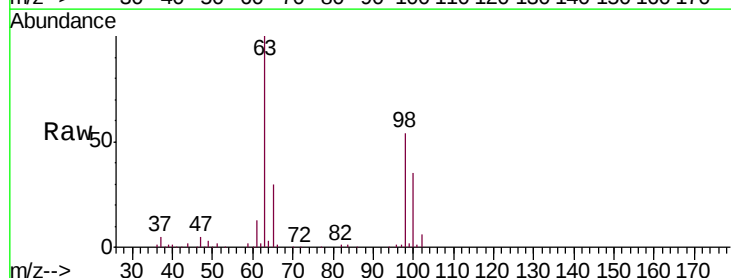
Tgt Ion: 101 Resp: 942

Ion Ratio Lower Upper

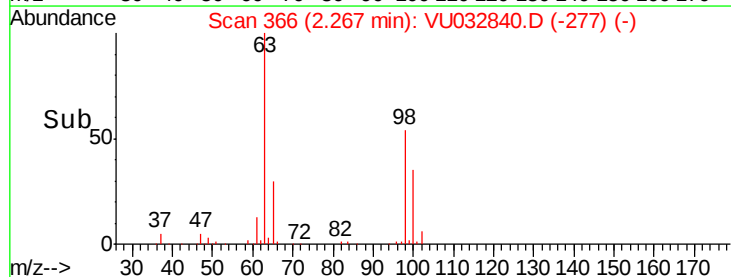
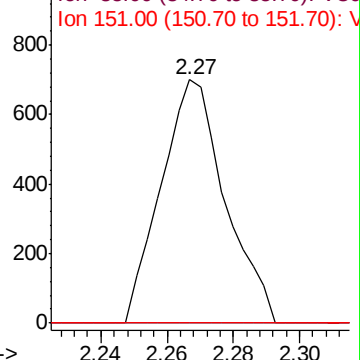
101 100

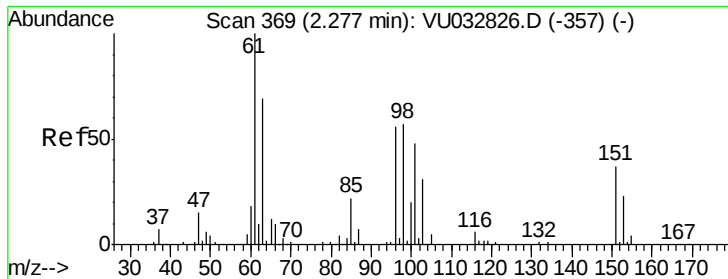
85 0.0 36.8 55.2#

151 0.0 63.6 95.4#



Abundance Ion 101.00 (100.70 to 101.70): VU032826.D (-357) (-)





#12

1,1-Dichloroethene

Concen: 0.594 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032840.D

Acq: 18 Jun 2019 22:05

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

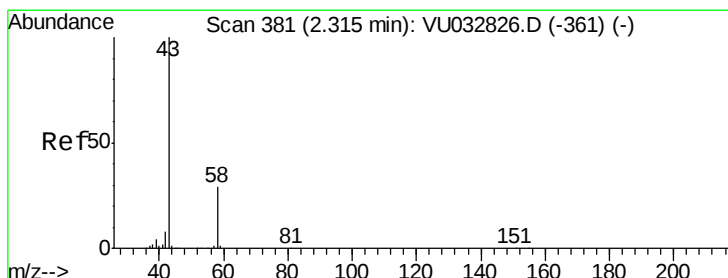
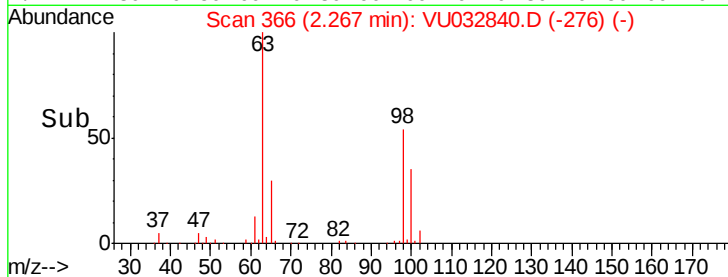
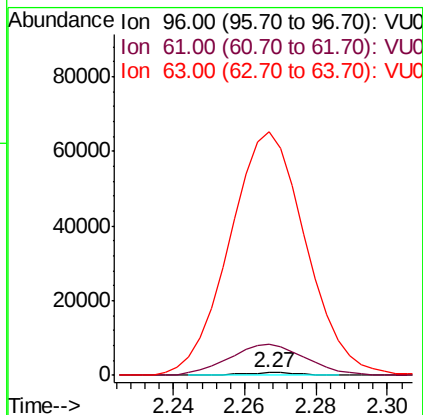
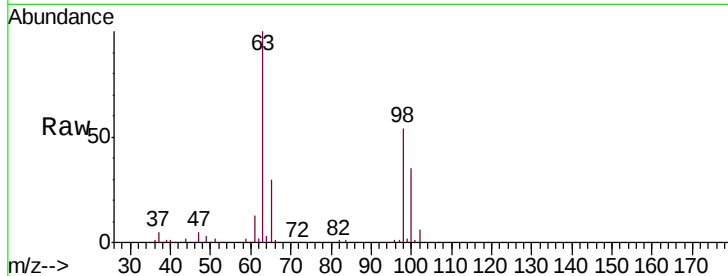
Tgt Ion: 96 Resp: 815

Ion Ratio Lower Upper

96 100

61 1306.6 131.0 243.4#

63 10187.5 101.0 187.6#



#13

Acetone

Concen: 0.519 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032840.D

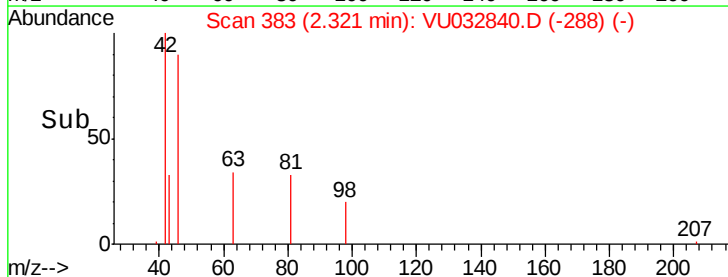
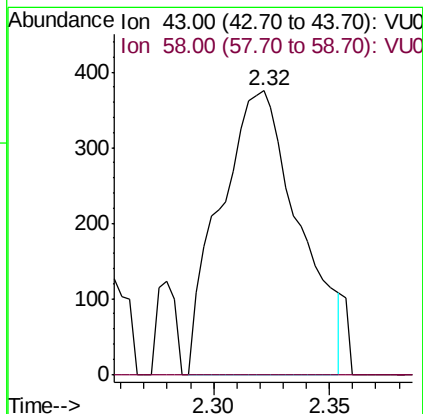
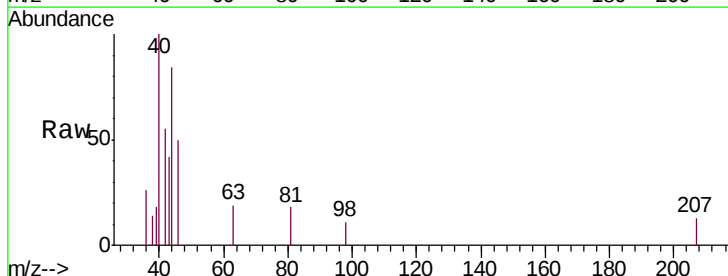
Acq: 18 Jun 2019 22:05

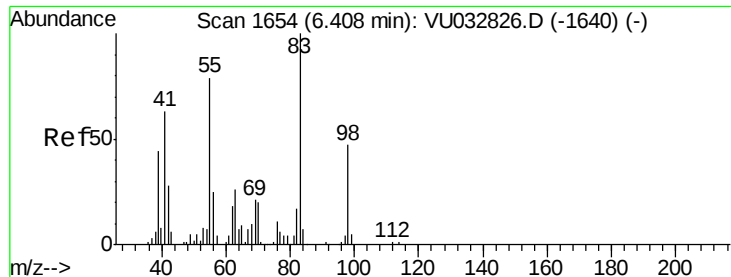
Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

58 0.0 0.0 60.6

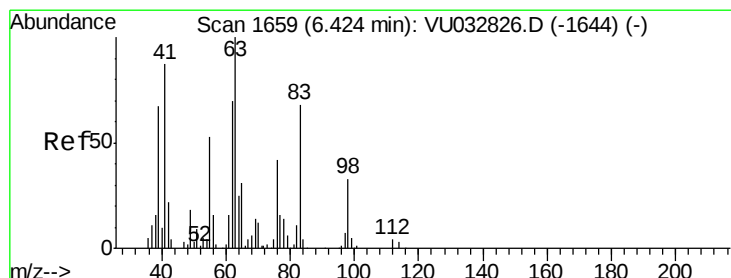
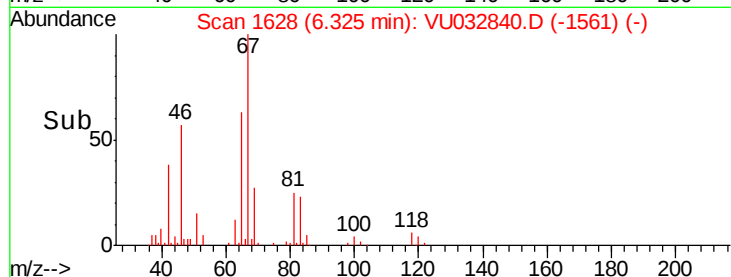
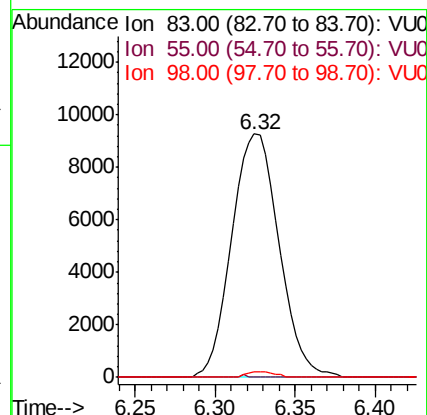
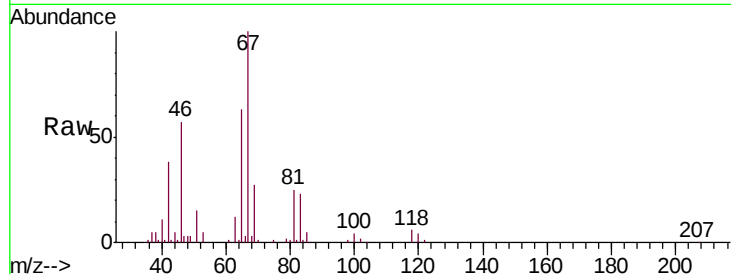




#35
Methylcyclohexane
Concen: 7.404 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032840.D
Acq: 18 Jun 2019 22:05

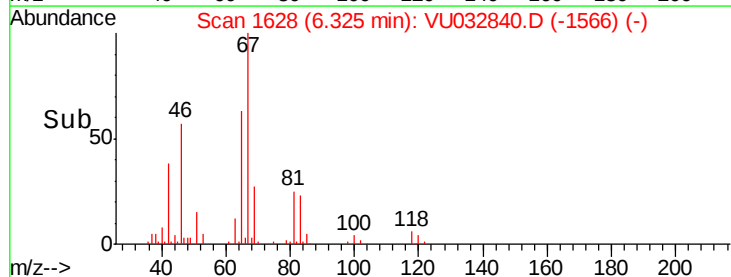
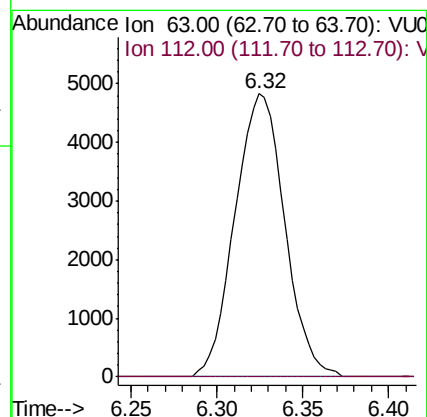
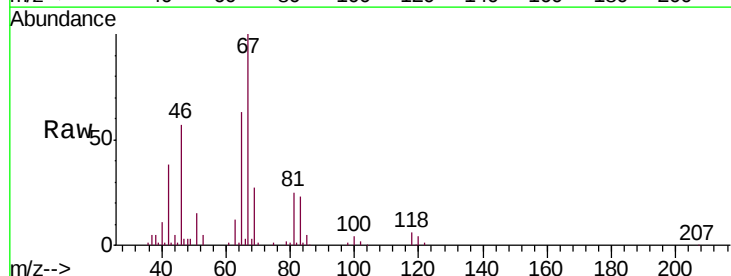
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

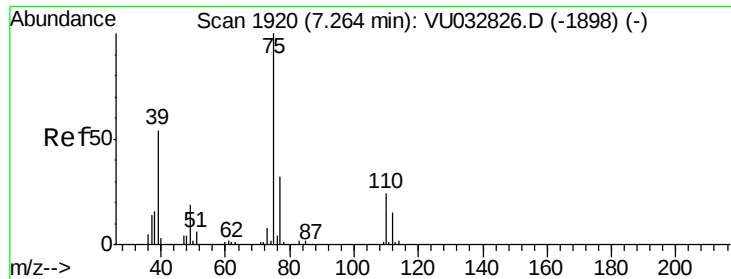
Tgt Ion: 83 Resp: 18792
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.4 37.4 56.0#



#37
1,2-Dichloropropane
Concen: 5.756 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032840.D
Acq: 18 Jun 2019 22:05

Tgt Ion: 63 Resp: 9704
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 1.079 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032840.D

Acq: 18 Jun 2019 22:05

Instrument :

MSVOA_U

ClientSampleId :

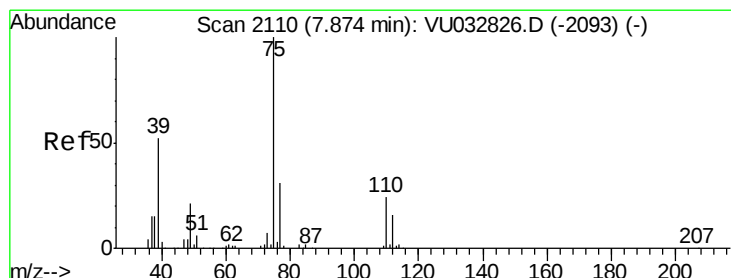
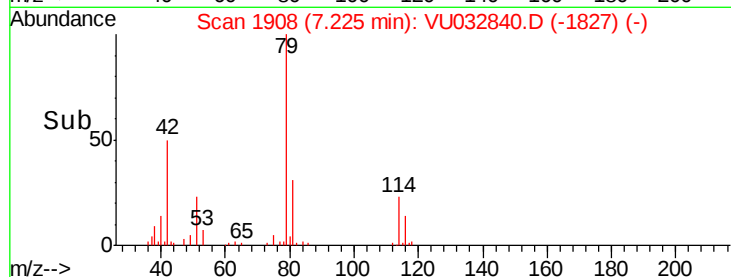
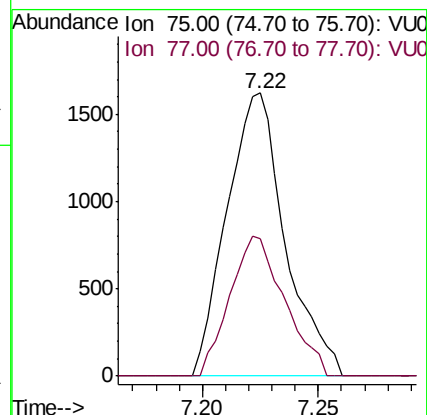
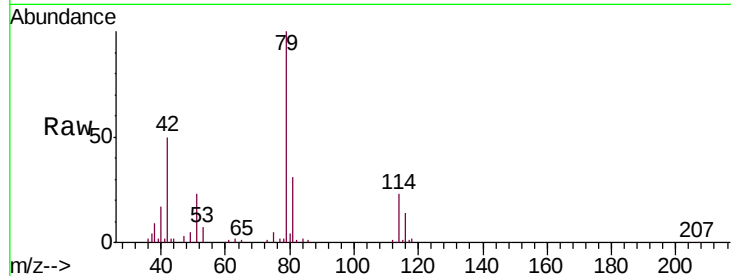
VHBLK02

Tgt Ion: 75 Resp: 2833

Ion Ratio Lower Upper

75 100

77 48.3 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.790 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032840.D

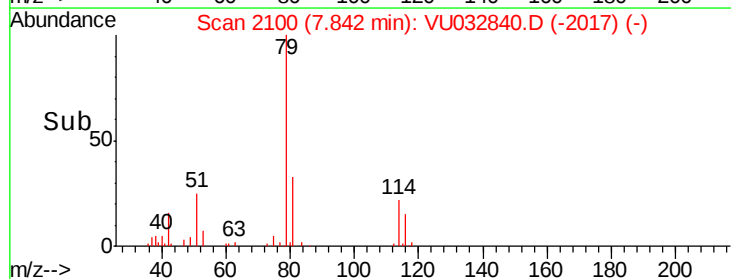
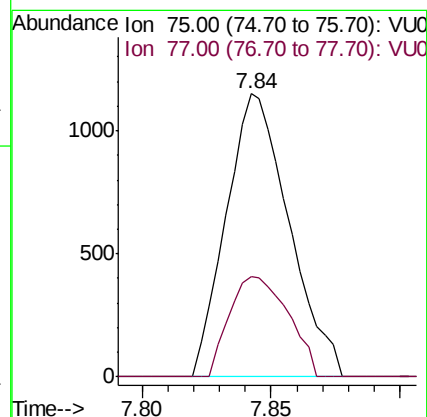
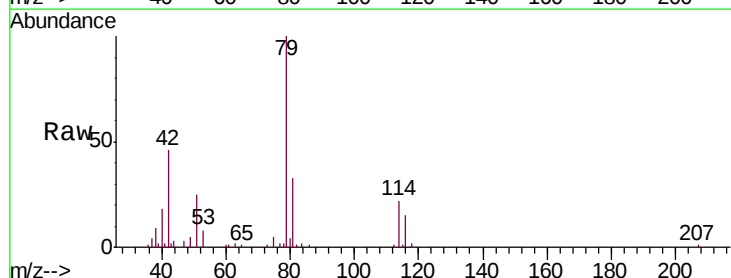
Acq: 18 Jun 2019 22:05

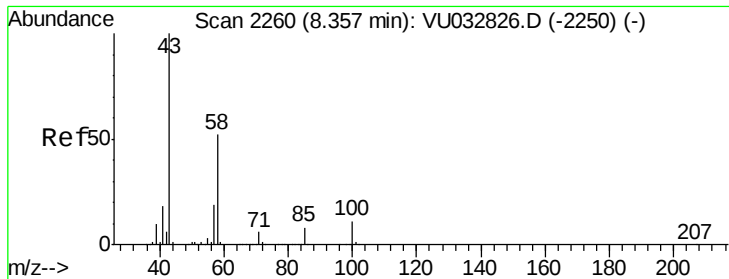
Tgt Ion: 75 Resp: 1950

Ion Ratio Lower Upper

75 100

77 35.4 21.8 40.4

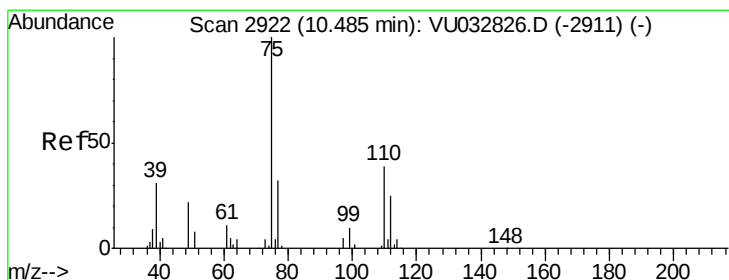
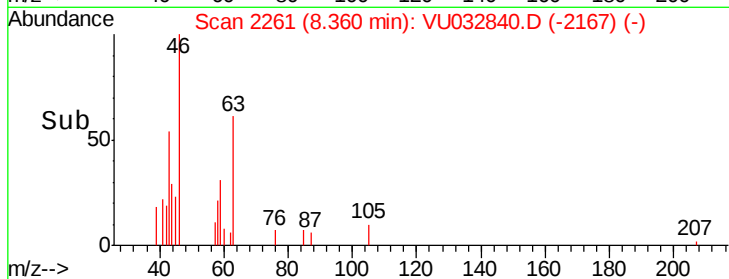
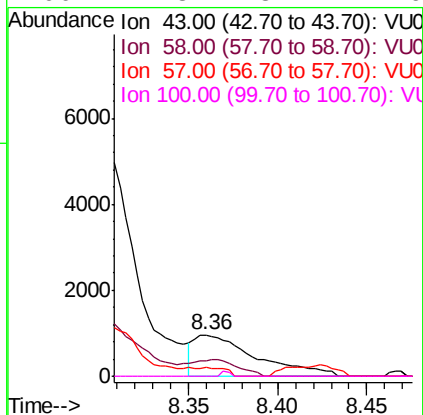
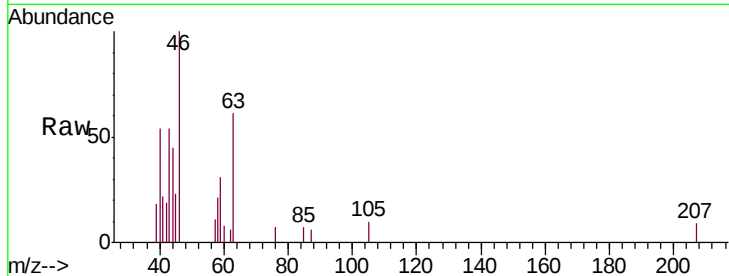




#48
2-Hexanone
Concen: 0.978 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032840.D
Acq: 18 Jun 2019 22:05

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion:	43	Resp:	2323
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.2	60.2#
57	9.0	14.2	21.4#
100	1.8	8.4	12.6#



#59
1,2,3-Trichloropropane
Concen: 6.042 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032840.D
Acq: 18 Jun 2019 22:05

Tgt Ion:	75	Resp:	13592
Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.5	38.3

