

Data File : VU032838.D
Acq On : 18 Jun 2019 21:19
Operator : JC/SP
Sample : K3224-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Jun 19 04:40:10 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	219502	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	212135	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107842	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57667	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.88%
7) Chloroethane-d5	1.68	69	51860	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.70%
11) 1,1-Dichloroethene-d2	2.27	63	90977	30.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.20%
21) 2-Butanone-d5	4.17	46	127319	101.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.97%
24) Chloroform-d	4.64	84	129751	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
26) 1,2-Dichloroethane-d4	5.30	65	91974	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
32) Benzene-d6	5.33	84	250272	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
36) 1,2-Dichloropropane-d6	6.32	67	82487	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.64%
41) Toluene-d8	7.56	98	225977	43.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.28%
43) trans-1,3-Dichloropropene-	7.84	79	40149	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.62%
47) 2-Hexanone-d5	8.31	63	82829	100.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126364	46.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	97319	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%

Target Compounds

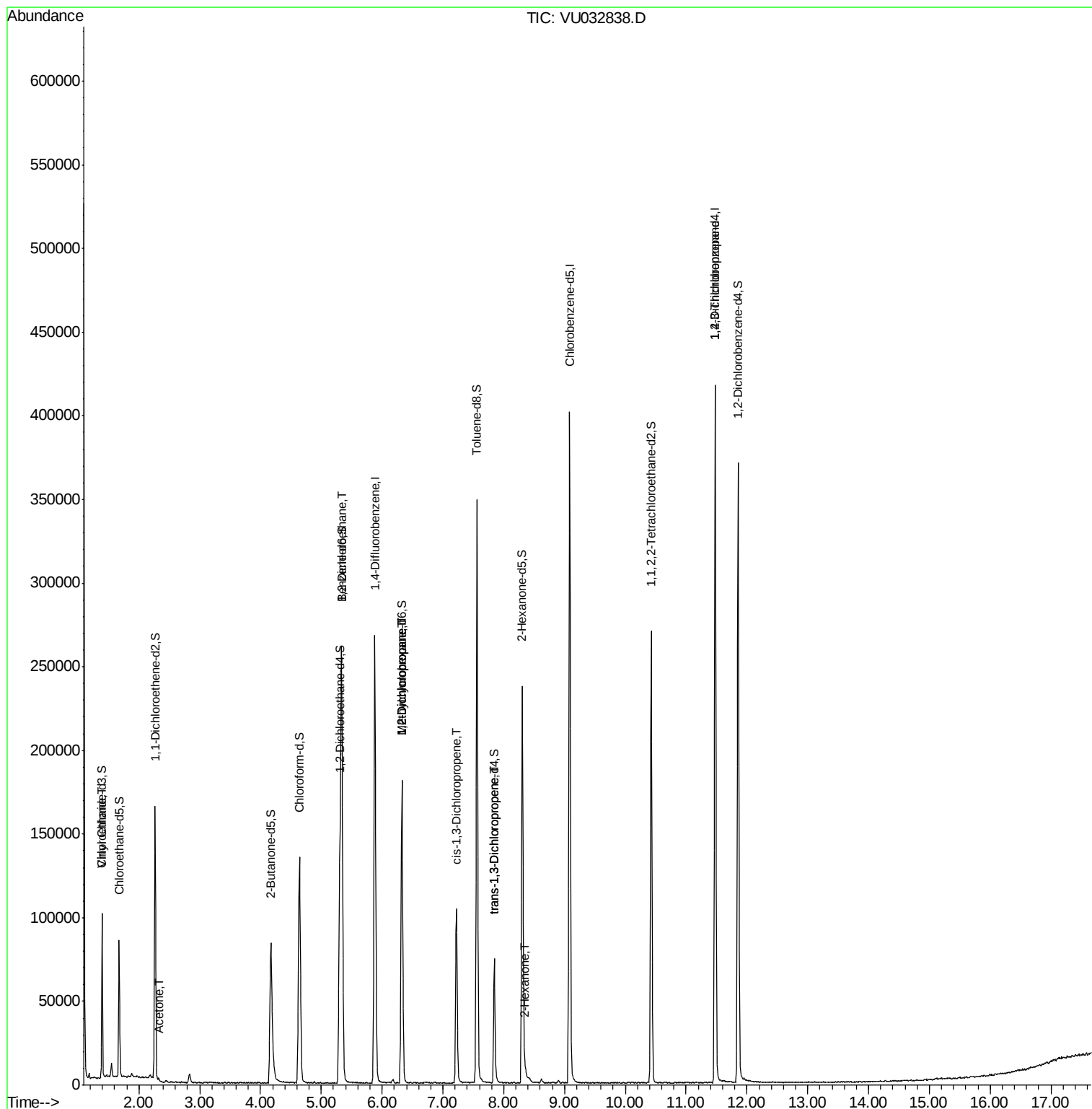
					Qvalue
8) Chloroethane	1.40	64	855	0.745 ug/L #	1
13) Acetone	2.32	43	870	0.504 ug/L	72
27) 1,2-Dichloroethane	5.33	62	1748	0.722 ug/L #	77
35) Methylcyclohexane	6.32	83	19160	7.592 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	9971	5.948 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2733	1.046 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	2100	0.856 ug/L #	80
48) 2-Hexanone	8.36	43	2425	1.027 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	13499	6.034 ug/L	89

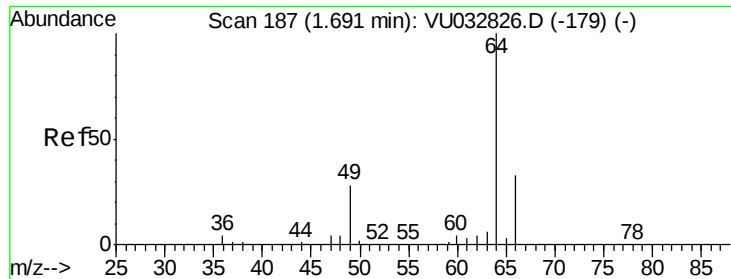
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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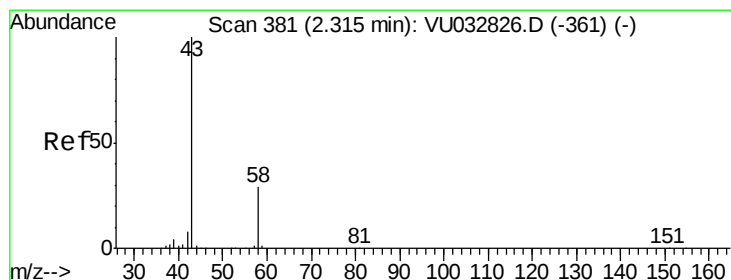
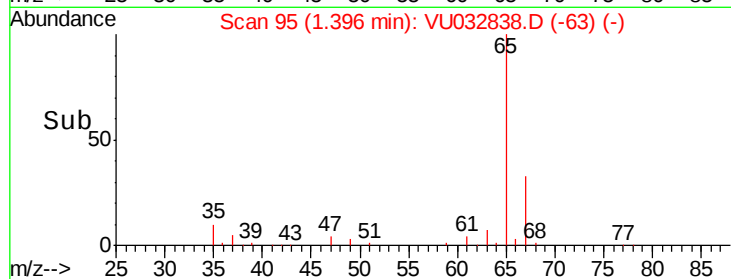
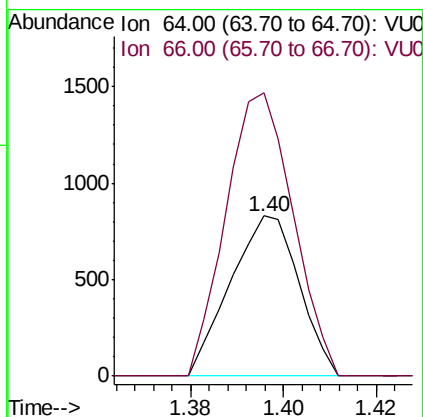
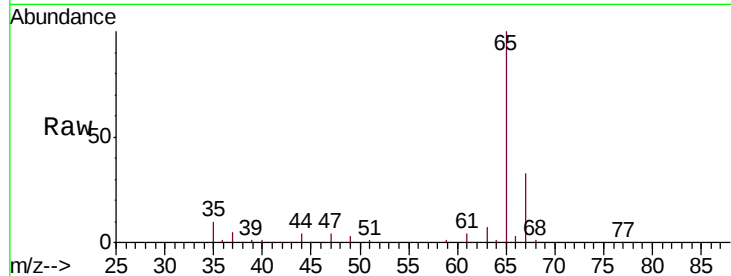




#8
Chloroethane
Concen: 0.745 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032838.D
Acq: 18 Jun 2019 21:19

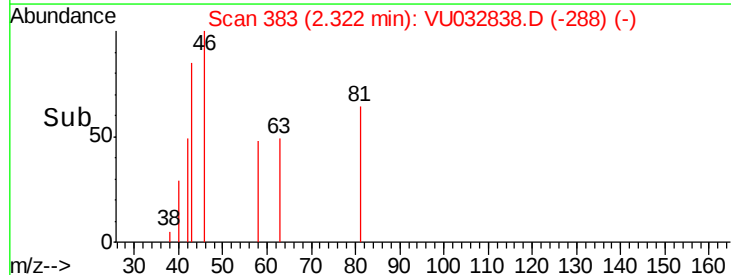
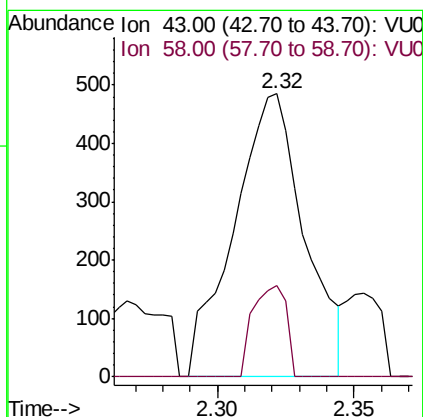
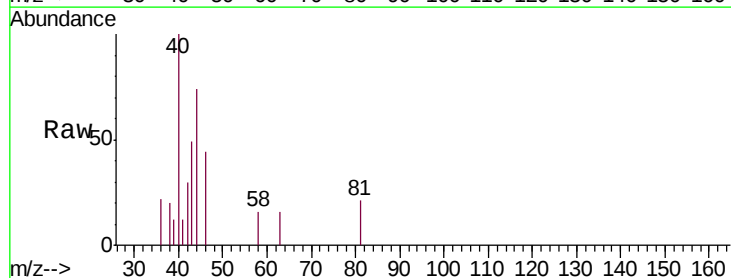
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

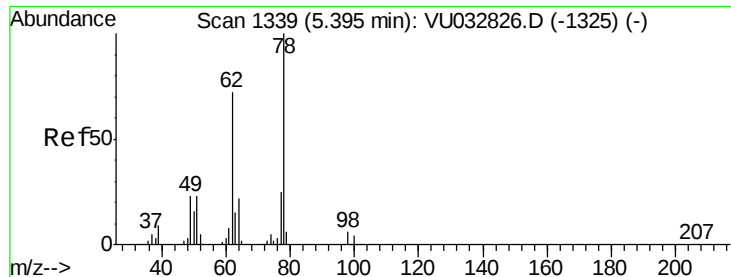
Tgt Ion: 64 Resp: 855
Ion Ratio Lower Upper
64 100
66 176.7 22.5 41.7#



#13
Acetone
Concen: 0.504 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VU032838.D
Acq: 18 Jun 2019 21:19

Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 14.9 0.0 60.6





#27

1,2-Dichloroethane

Concen: 0.722 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032838.D

Acq: 18 Jun 2019 21:19

Instrument :

MSVOA_U

ClientSampleId :

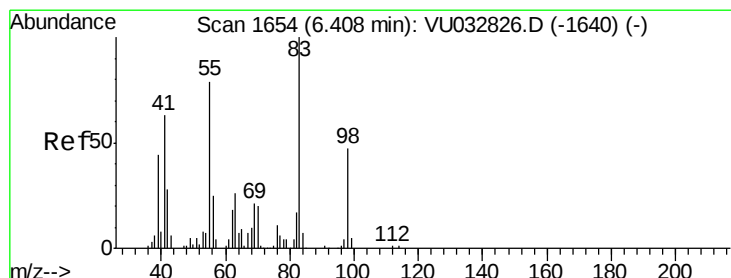
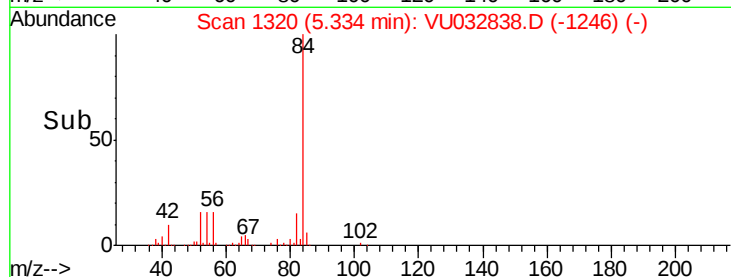
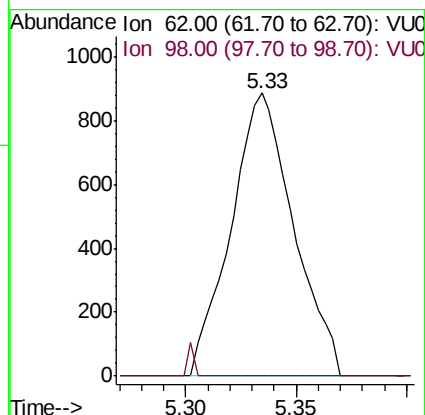
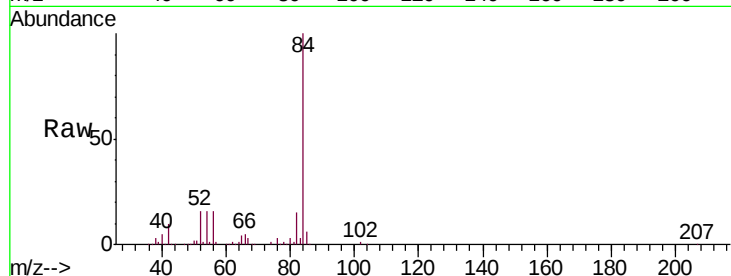
VHBLK02

Tgt Ion: 62 Resp: 1748

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



#35

Methylcyclohexane

Concen: 7.592 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.09 min

Lab File: VU032838.D

Acq: 18 Jun 2019 21:19

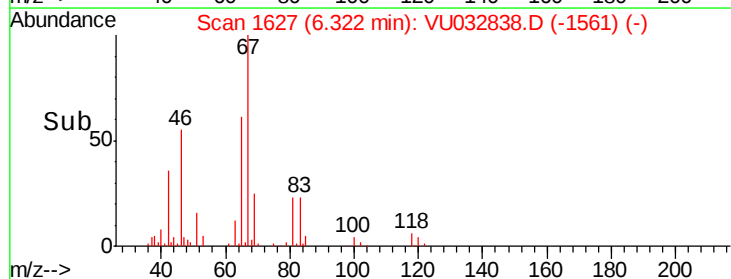
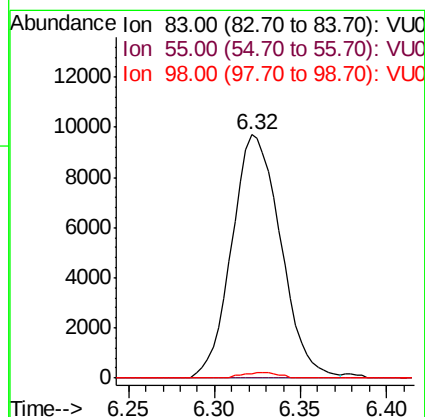
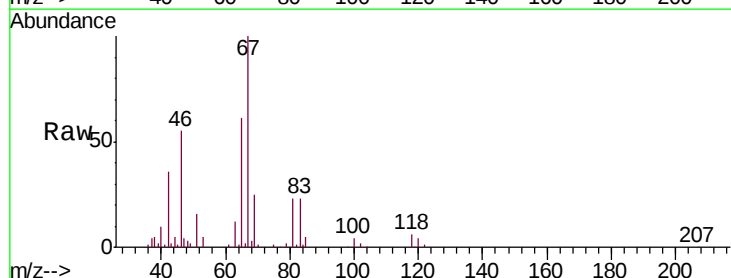
Tgt Ion: 83 Resp: 19160

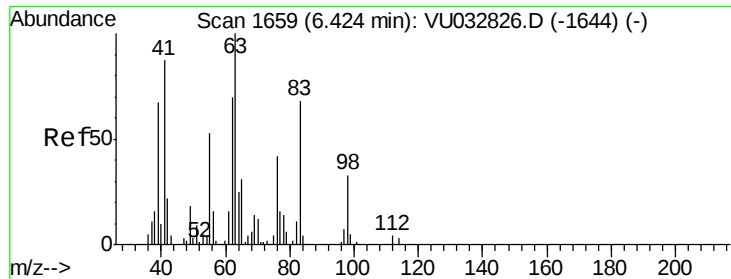
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 1.7 37.4 56.0#





#37

1,2-Dichloropropane

Concen: 5.948 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU032838.D

Acq: 18 Jun 2019 21:19

Instrument :

MSVOA_U

ClientSampleId :

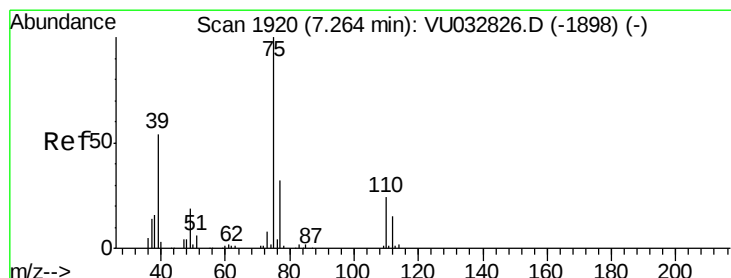
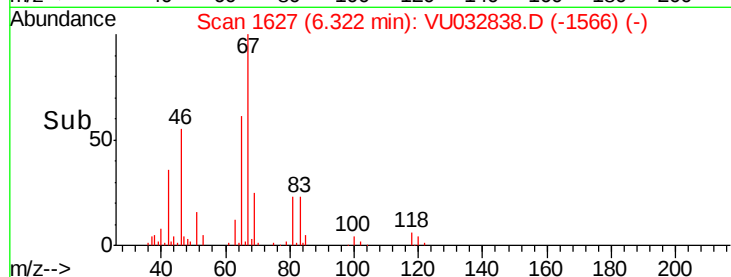
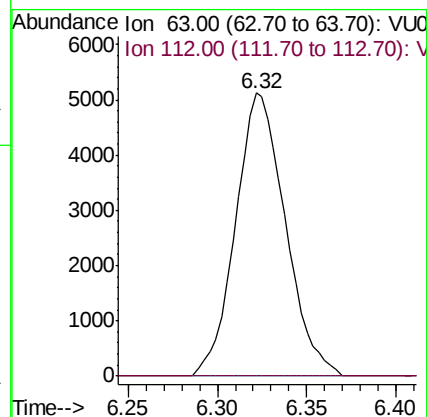
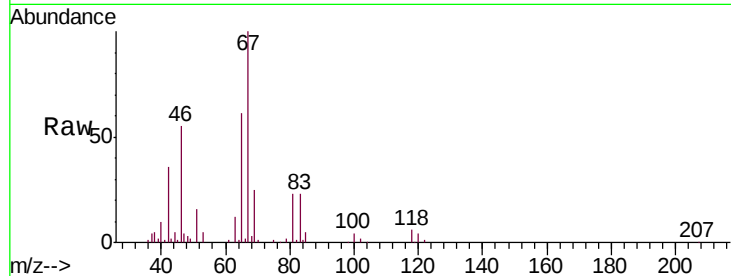
VHBLK02

Tgt Ion: 63 Resp: 9971

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 1.046 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032838.D

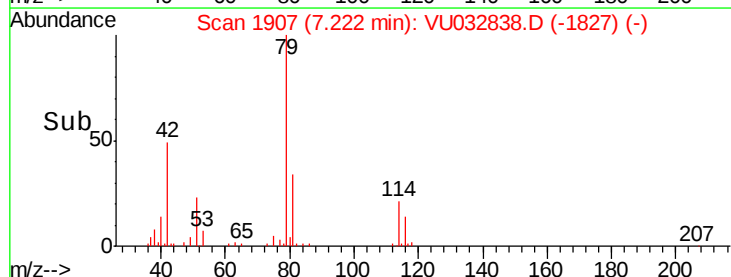
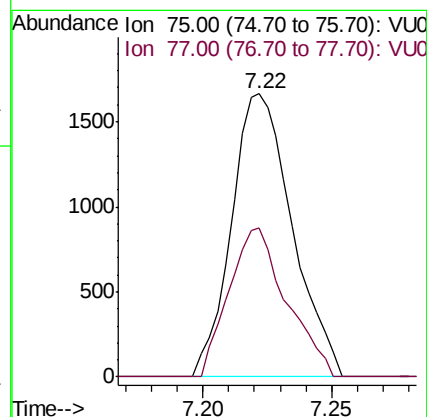
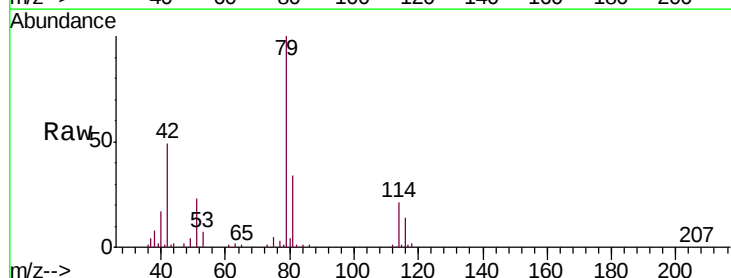
Acq: 18 Jun 2019 21:19

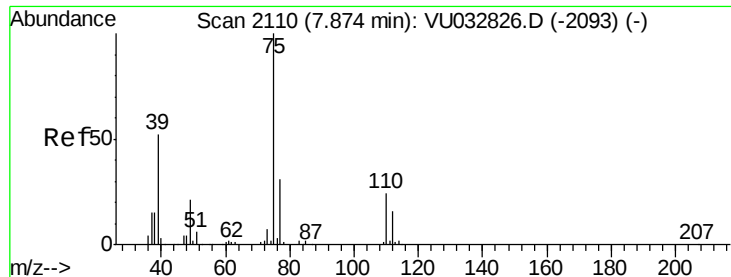
Tgt Ion: 75 Resp: 2733

Ion Ratio Lower Upper

75 100

77 52.6 21.9 40.7#





#44

trans-1,3-Dichloropropene

Concen: 0.856 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032838.D

Acq: 18 Jun 2019 21:19

Instrument :

MSVOA_U

ClientSampleId :

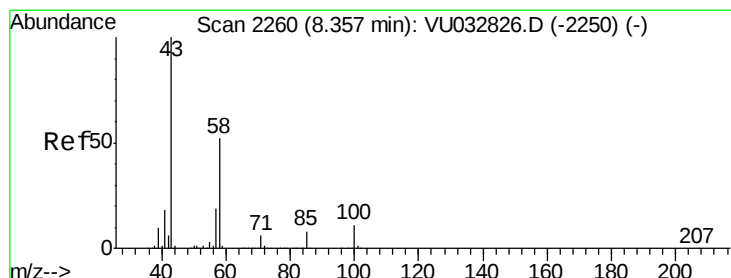
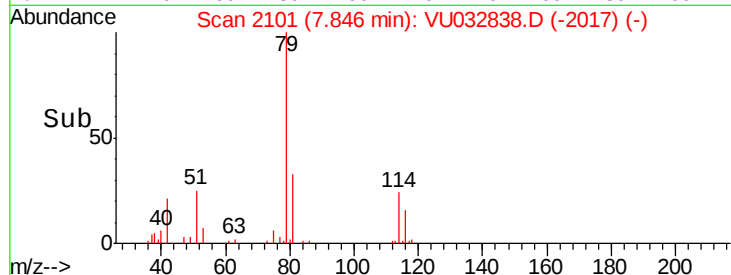
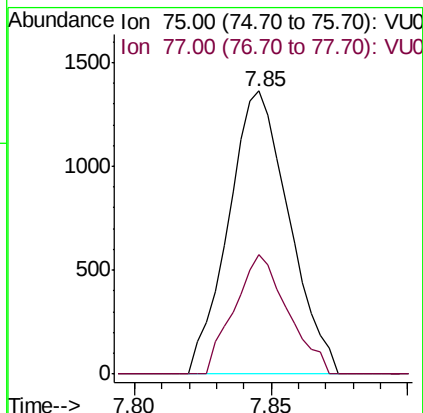
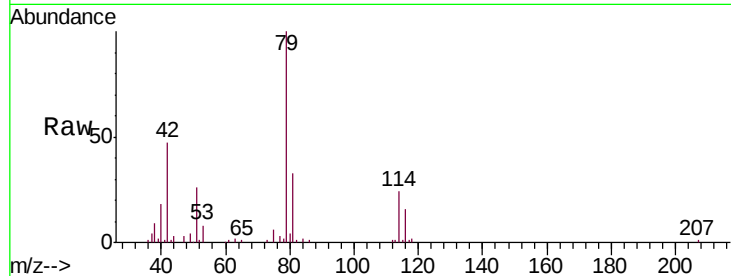
VHBLK02

Tgt Ion: 75 Resp: 2100

Ion Ratio Lower Upper

75 100

77 42.2 21.8 40.4#



#48

2-Hexanone

Concen: 1.027 ug/L

RT: 8.36 min Scan# 2260

Delta R.T. 0.00 min

Lab File: VU032838.D

Acq: 18 Jun 2019 21:19

Tgt Ion: 43 Resp: 2425

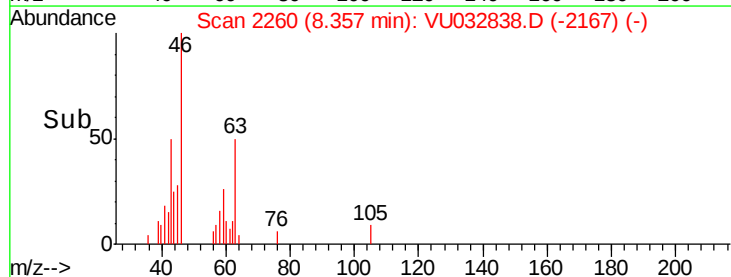
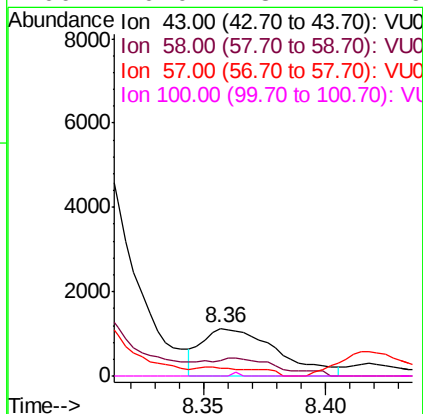
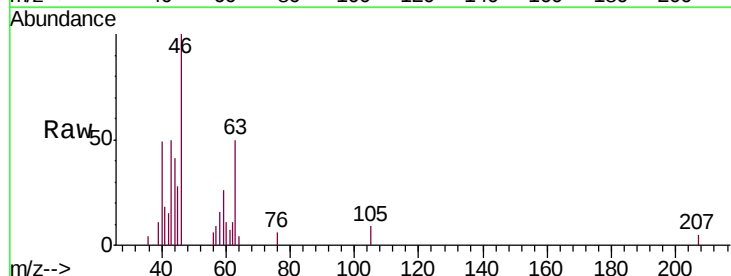
Ion Ratio Lower Upper

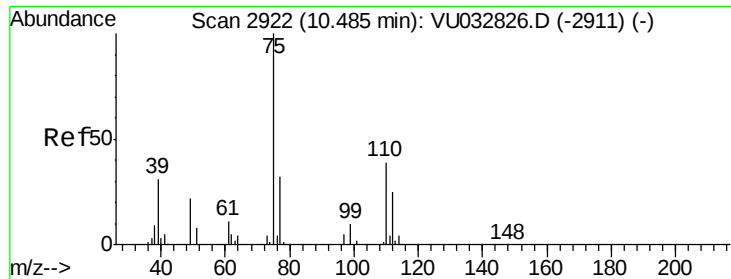
43 100

58 25.0 40.2 60.2#

57 3.5 14.2 21.4#

100 0.0 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 6.034 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032838.D

Acq: 18 Jun 2019 21:19

Instrument :

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ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 13499

Ion Ratio Lower Upper

75 100

77 37.9 25.5 38.3

