

Data File : VU032950.D
Acq On : 21 Jun 2019 17:33
Operator : JC/SP
Sample : VU0622WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK37

Quant Time: Jun 22 01:58:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193402	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91878	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59163	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.52%
7) Chloroethane-d5	1.68	69	50053	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.96%
11) 1,1-Dichloroethene-d2	2.27	63	94446	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.94%
21) 2-Butanone-d5	4.17	46	118237	107.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.48%
24) Chloroform-d	4.64	84	128568	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	5.30	65	90836	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.14%
32) Benzene-d6	5.33	84	250493	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.48%
36) 1,2-Dichloropropane-d6	6.32	67	82965	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.54%
41) Toluene-d8	7.56	98	229859	50.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.42%
43) trans-1,3-Dichloropropene-	7.85	79	40333	49.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.58%
47) 2-Hexanone-d5	8.31	63	72758	100.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.06%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	119797	49.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	95167	53.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.06%

Target Compounds

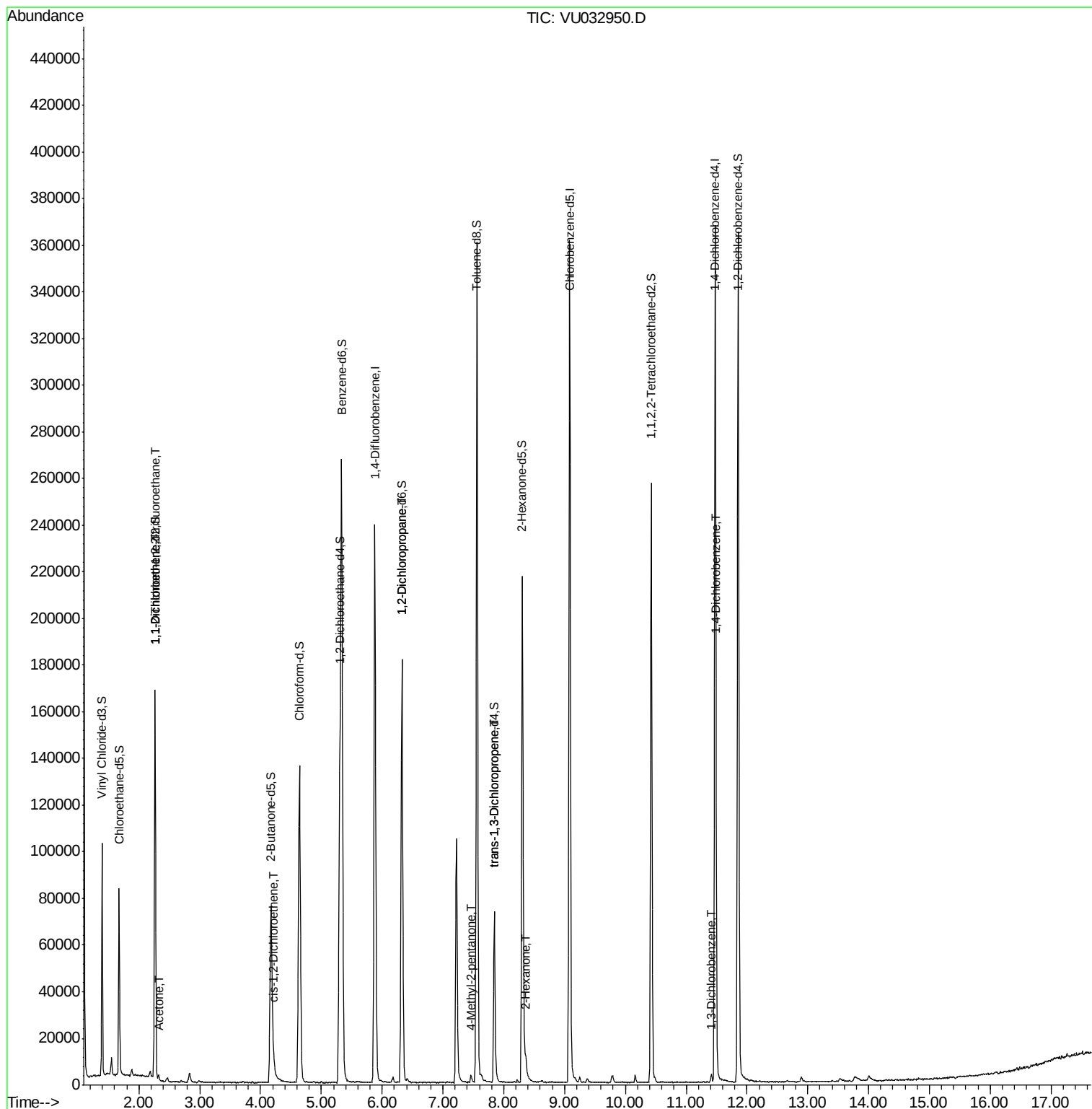
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	961	0.744	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	745	0.612	ug/L #	1
13) Acetone	2.32	43	1142	0.752	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	836	0.581	ug/L	95
37) 1,2-Dichloropropane	6.32	63	9758	6.585	ug/L #	88
40) 4-Methyl-2-pentanone	7.46	43	2183	0.923	ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	2327	1.073	ug/L	98
48) 2-Hexanone	8.36	43	3100	1.485	ug/L #	88
62) 1,3-Dichlorobenzene	11.42	146	1675	0.587	ug/L	91
63) 1,4-Dichlorobenzene	11.50	146	2114	0.717	ug/L	92

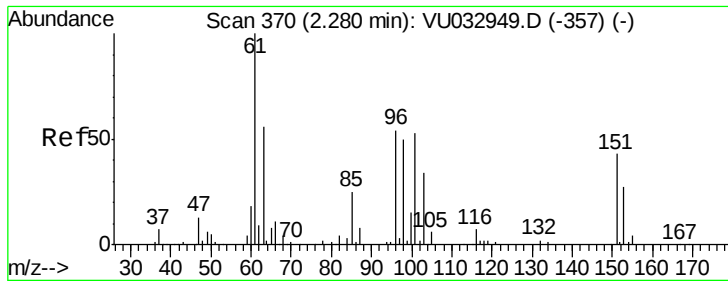
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration





#10

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

Concen: 0.744 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032950.D

Acq: 21 Jun 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

VBLK37

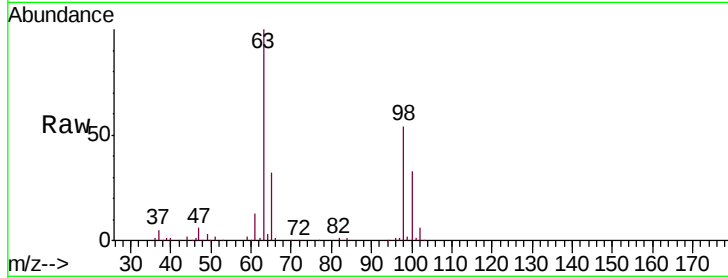
Tgt Ion:101 Resp: 961

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

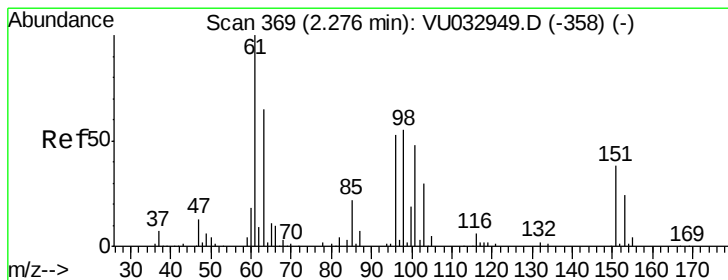
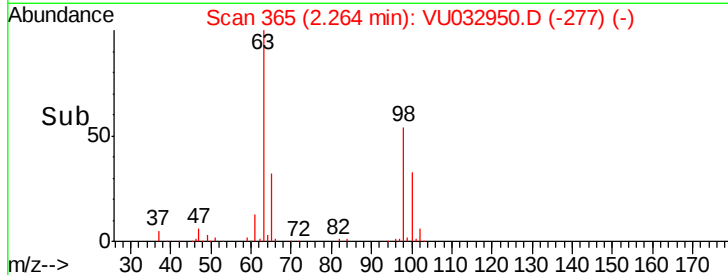
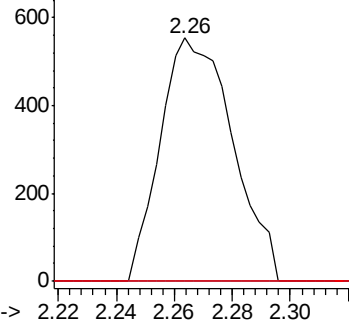
151 0.0 63.6 95.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.612 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032950.D

Acq: 21 Jun 2019 17:33

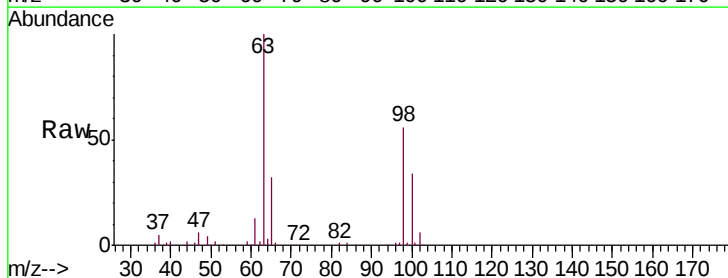
Tgt Ion: 96 Resp: 745

Ion Ratio Lower Upper

96 100

61 1411.0 131.0 243.4#

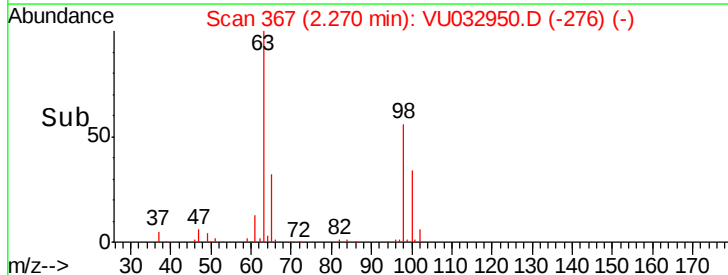
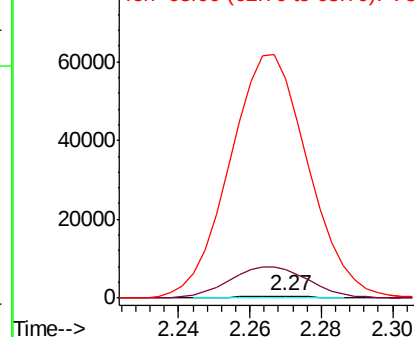
63 10706.7 101.0 187.6#

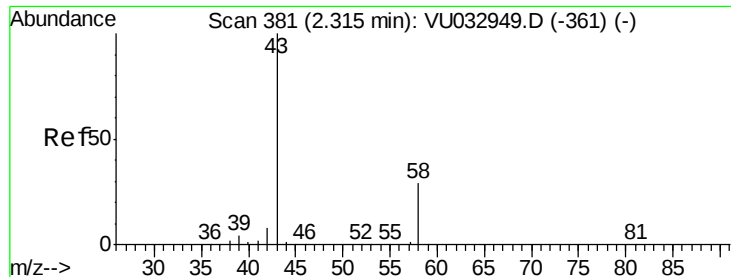


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.752 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032950.D

Acq: 21 Jun 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

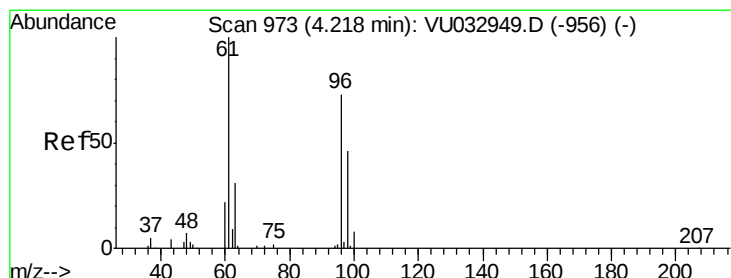
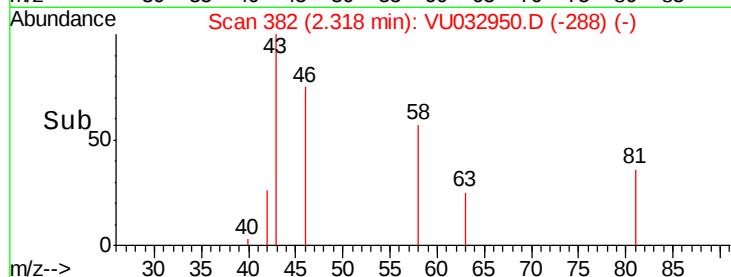
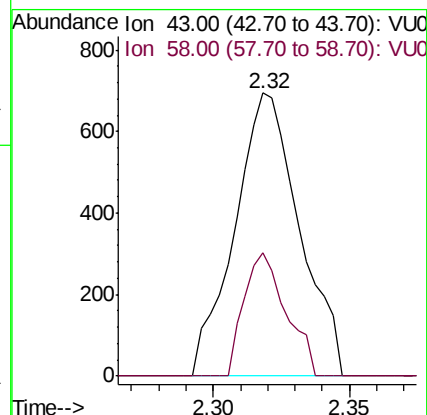
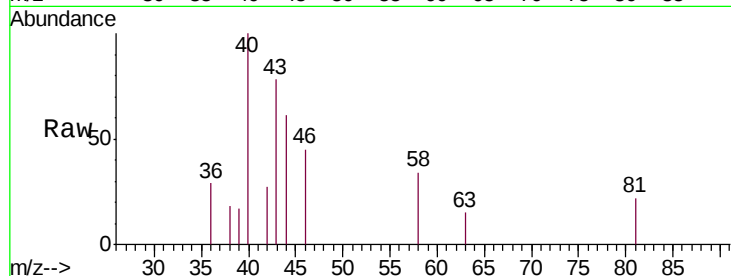
VBLK37

Tgt Ion: 43 Resp: 1142

Ion Ratio Lower Upper

43 100

58 28.5 0.0 60.6



#20

cis-1,2-Dichloroethene

Concen: 0.581 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032950.D

Acq: 21 Jun 2019 17:33

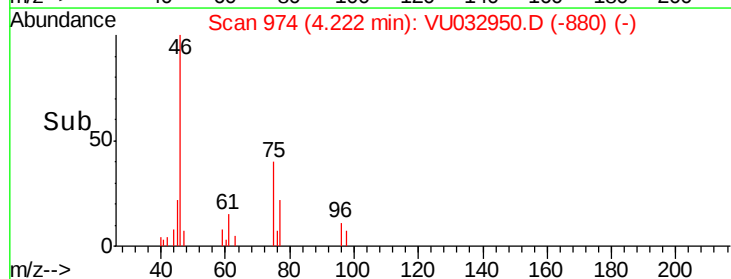
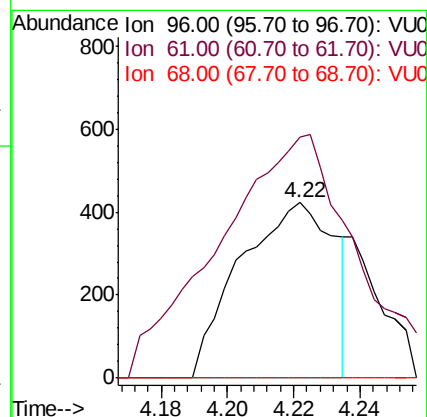
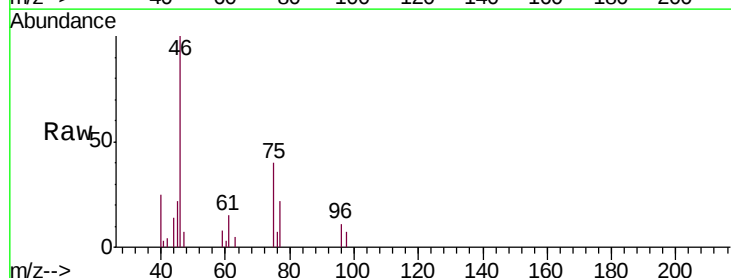
Tgt Ion: 96 Resp: 836

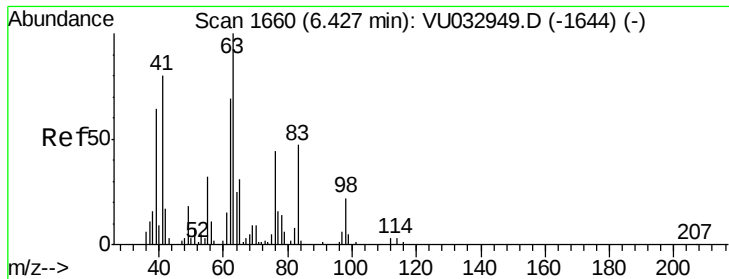
Ion Ratio Lower Upper

96 100

61 137.6 92.4 171.6

68 0.0 0.0 0.0





#37

1,2-Dichloropropane

Concen: 6.585 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032950.D

Acq: 21 Jun 2019 17:33

Instrument :

MSVOA_U

ClientSampled :

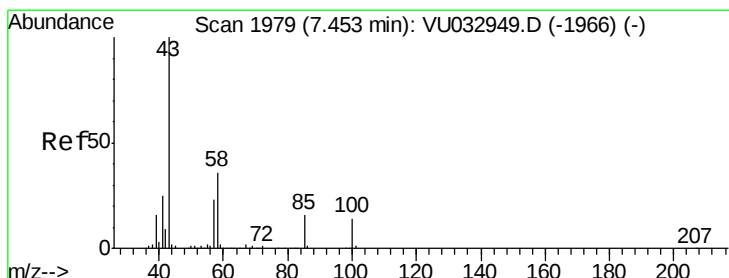
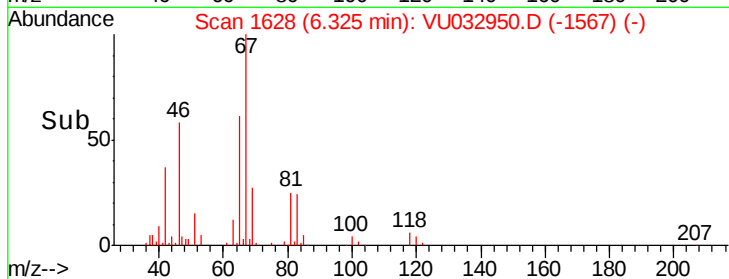
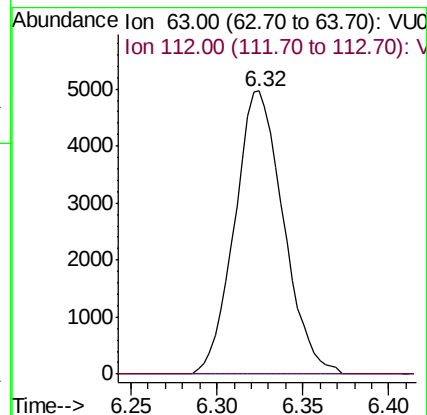
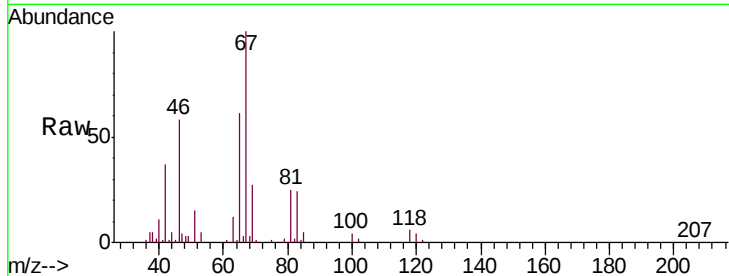
VBLK37

Tgt Ion: 63 Resp: 9758

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#40

4-Methyl-2-pentanone

Concen: 0.923 ug/L

RT: 7.46 min Scan# 1981

Delta R.T. 0.01 min

Lab File: VU032950.D

Acq: 21 Jun 2019 17:33

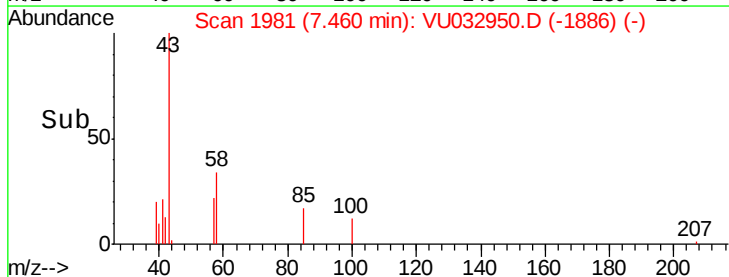
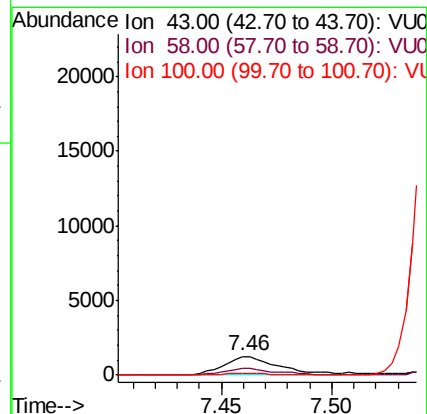
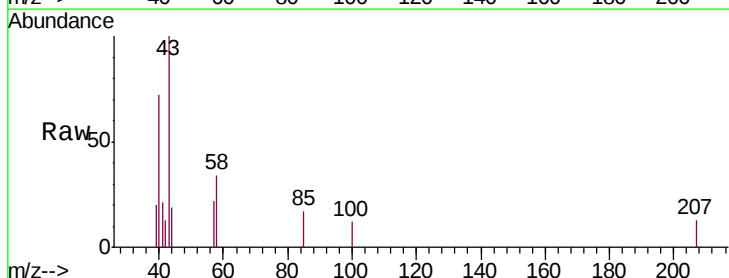
Tgt Ion: 43 Resp: 2183

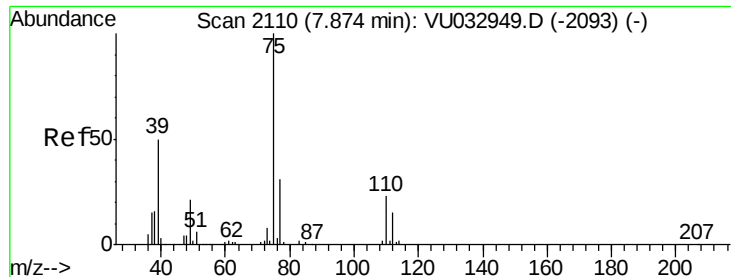
Ion Ratio Lower Upper

43 100

58 32.2 29.4 44.2

100 7.1 11.2 16.8#

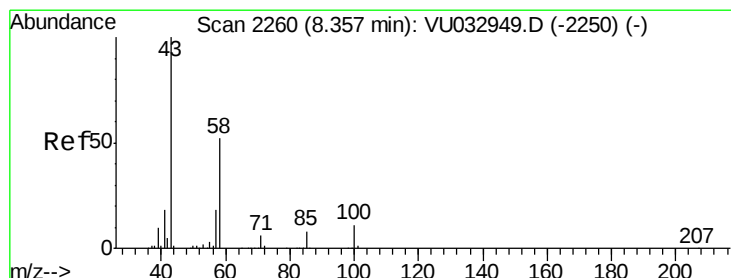
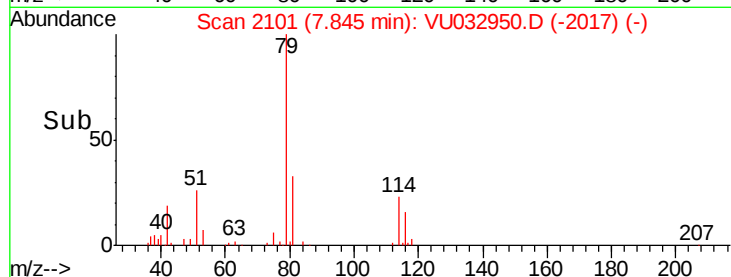
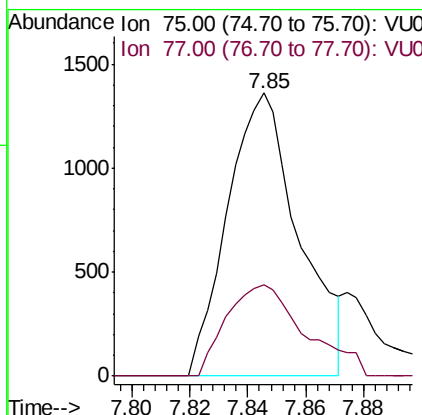
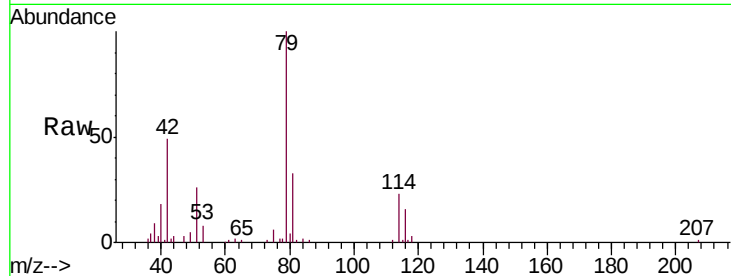




#44
trans-1,3-Dichloropropene
Concen: 1.073 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032950.D
Acq: 21 Jun 2019 17:33

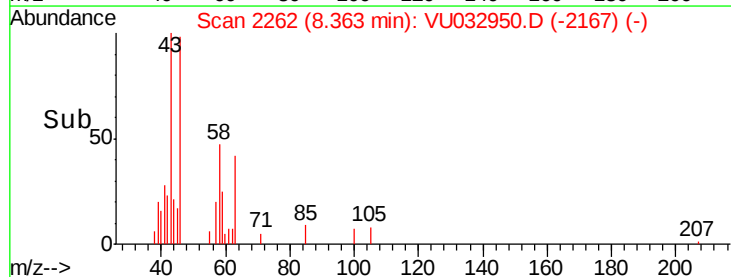
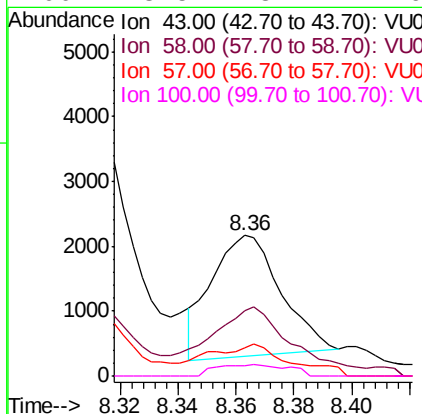
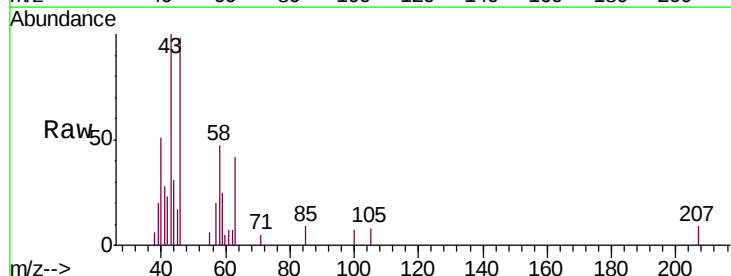
Instrument :
MSVOA_U
ClientSampled :
VBLK37

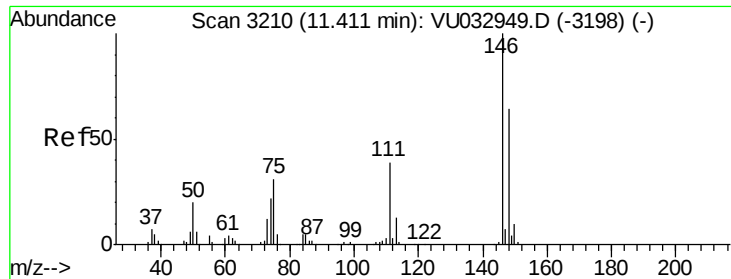
Tgt Ion: 75 Resp: 2327
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.4



#48
2-Hexanone
Concen: 1.485 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032950.D
Acq: 21 Jun 2019 17:33

Tgt Ion: 43 Resp: 3100
Ion Ratio Lower Upper
43 100
58 56.5 40.2 60.2
57 10.3 14.2 21.4#
100 3.5 8.4 12.6#





#62

1,3-Dichlorobenzene

Concen: 0.587 ug/L

RT: 11.42 min Scan# 3212

Delta R.T. 0.01 min

Lab File: VU032950.D

Acq: 21 Jun 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

VBLK37

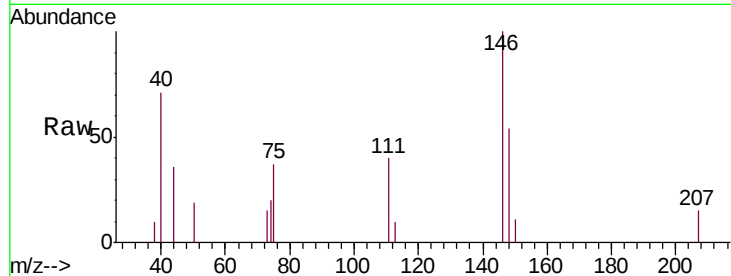
Tgt Ion:146 Resp: 1675

Ion Ratio Lower Upper

146 100

111 39.8 28.4 52.8

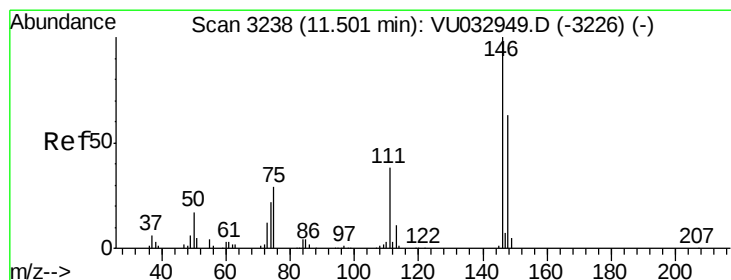
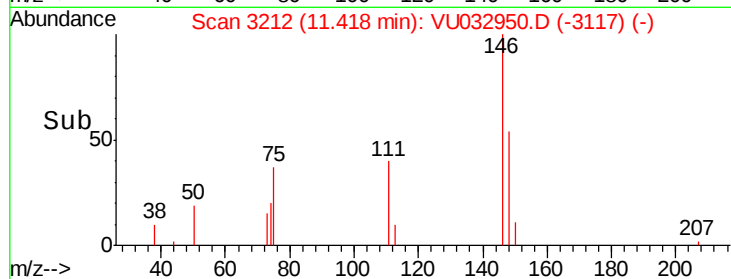
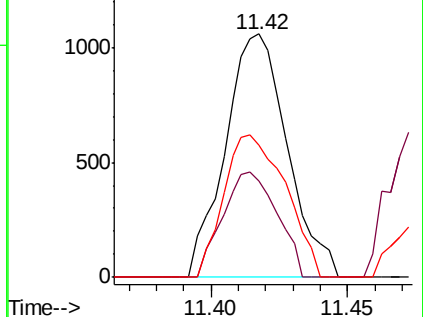
148 54.3 45.5 84.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.717 ug/L

RT: 11.50 min Scan# 3238

Delta R.T. 0.00 min

Lab File: VU032950.D

Acq: 21 Jun 2019 17:33

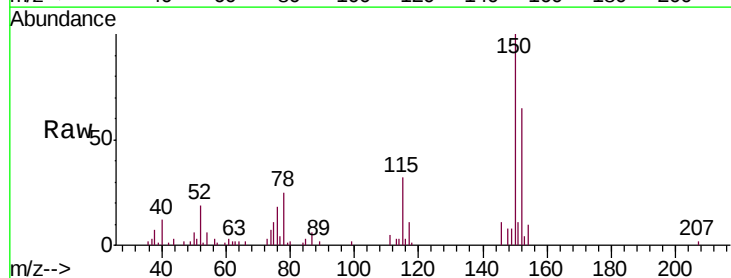
Tgt Ion:146 Resp: 2114

Ion Ratio Lower Upper

146 100

111 42.3 26.9 50.1

148 71.2 44.7 83.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

