

Data File : VU032936.D
Acq On : 21 Jun 2019 11:48
Operator : JC/SP
Sample : VU0622WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK36

Quant Time: Jun 22 00:35:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194722	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193853	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89895	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62226	46.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.52%
7) Chloroethane-d5	1.68	69	53179	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.22%
11) 1,1-Dichloroethene-d2	2.26	63	96762	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.17	46	117020	105.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.65%
24) Chloroform-d	4.64	84	129194	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	5.30	65	92864	53.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.78%
32) Benzene-d6	5.33	84	254125	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
36) 1,2-Dichloropropane-d6	6.32	67	82541	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.54%
41) Toluene-d8	7.56	98	232450	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%
43) trans-1,3-Dichloropropene-	7.84	79	40571	48.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.90%
47) 2-Hexanone-d5	8.31	63	72447	96.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.38%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121717	48.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	93958	54.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.02%

Target Compounds

					Qvalue
8) Chloroethane	1.40	64	763	0.750 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	915	0.703 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	740	0.603 ug/L #	1
37) 1,2-Dichloropropane	6.32	63	9906	6.467 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2887	1.210 ug/L #	63
44) trans-1,3-Dichloropropene	7.84	75	1962	0.875 ug/L	87
48) 2-Hexanone	8.36	43	3467	1.607 ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	12477	6.103 ug/L	95

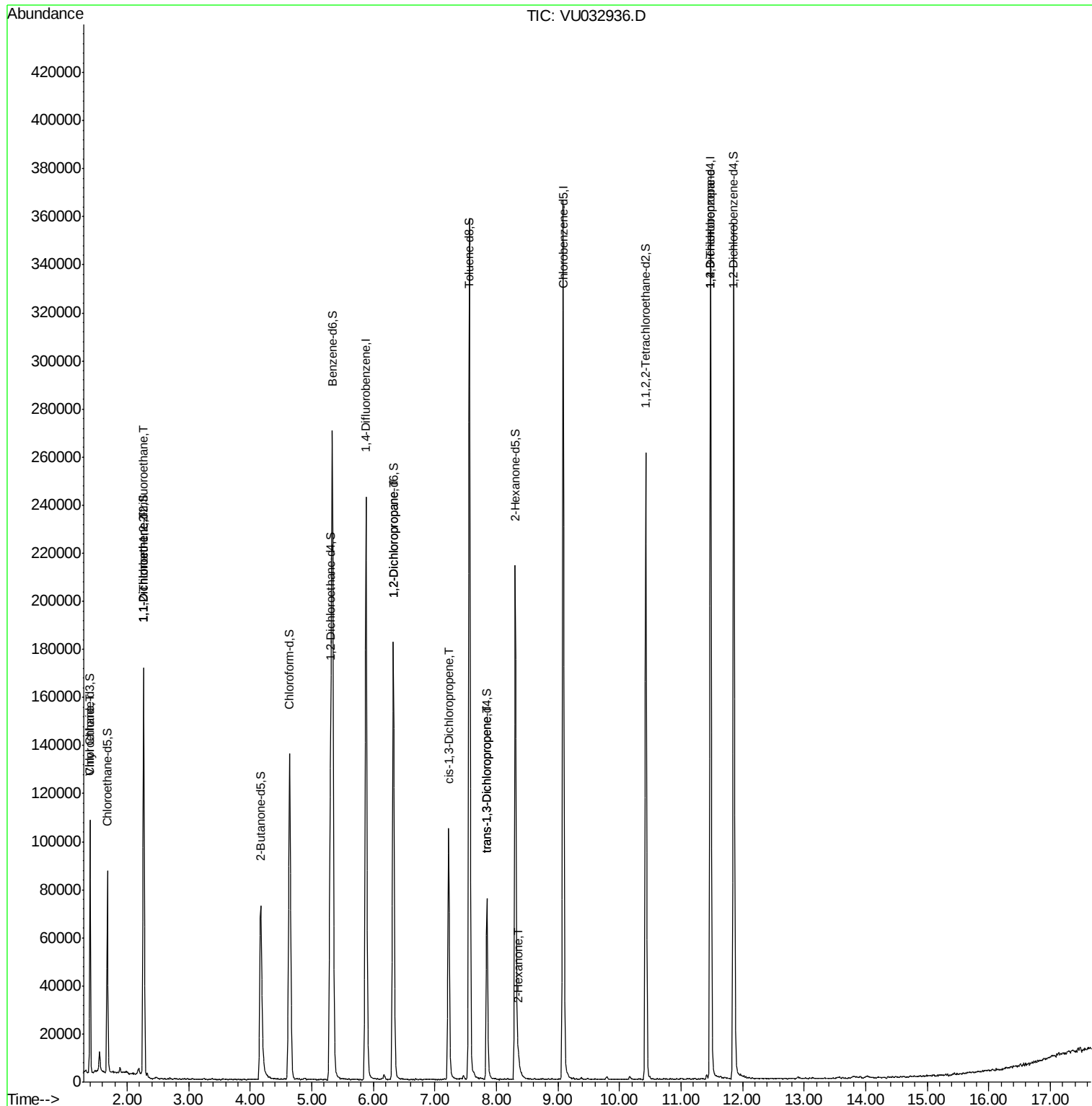
(#) = qualifier out of range (m) = manual integration (+) = signals summed

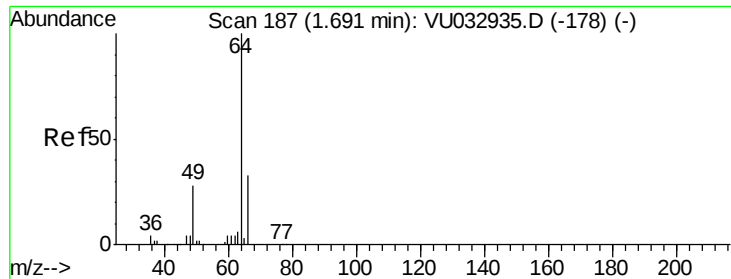
Data File : VU032936.D

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Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.750 ug/L

RT: 1.40 min Scan# 33

Delta R.T. -0.30 min

Lab File: VU032936.D

Acq: 21 Jun 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

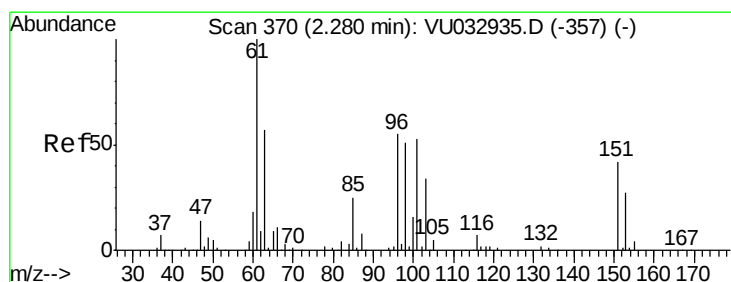
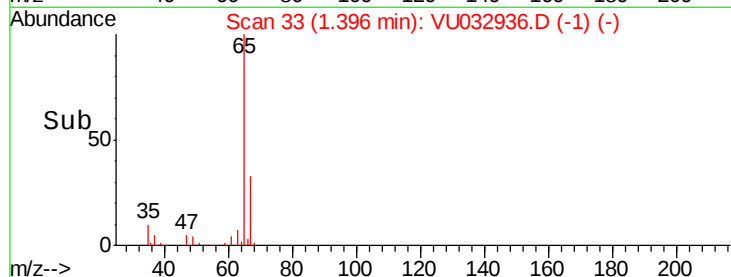
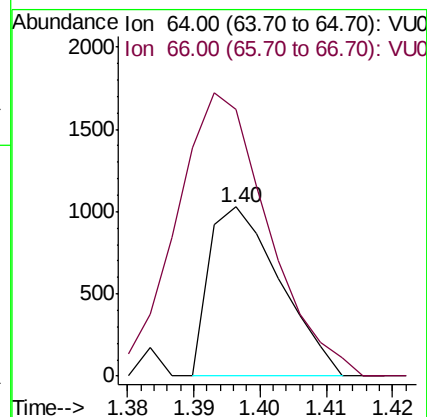
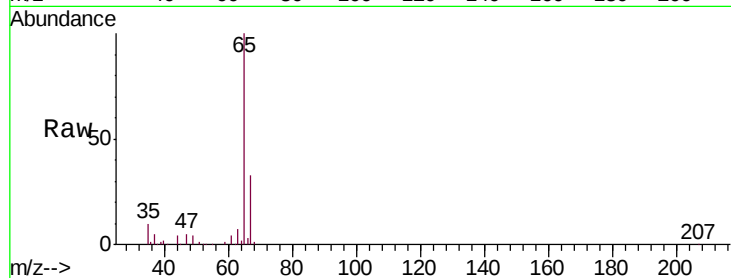
VBLK36

Tgt Ion: 64 Resp: 763

Ion Ratio Lower Upper

64 100

66 157.9 22.5 41.7#



#10

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

Concen: 0.703 ug/L

RT: 2.26 min Scan# 303

Delta R.T. -0.02 min

Lab File: VU032936.D

Acq: 21 Jun 2019 11:48

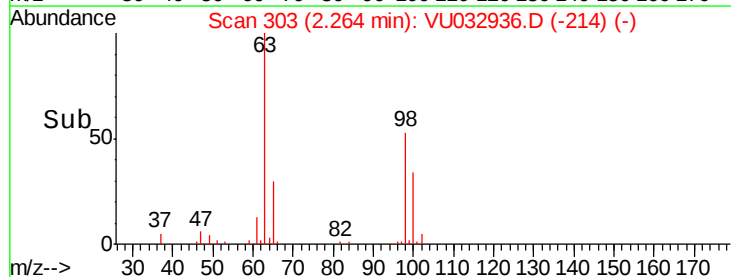
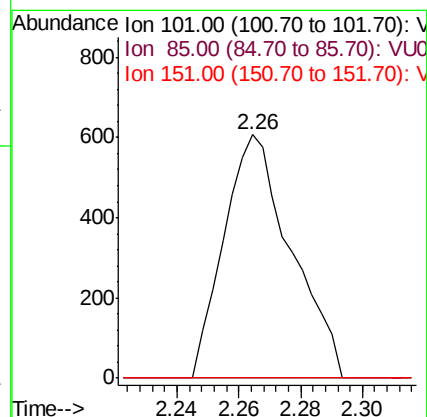
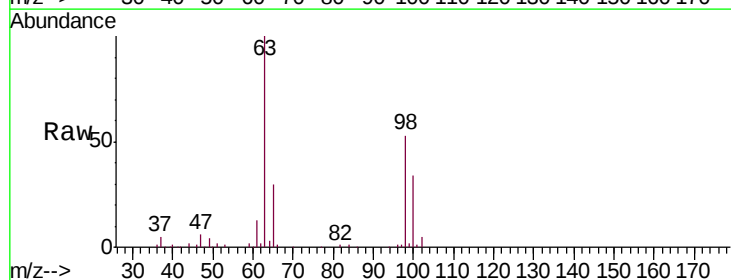
Tgt Ion: 101 Resp: 915

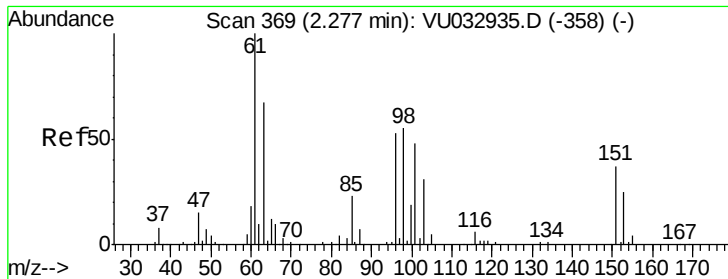
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 63.6 95.4#





#12

1,1-Dichloroethene

Concen: 0.603 ug/L

RT: 2.27 min Scan# 304

Delta R.T. -0.01 min

Lab File: VU032936.D

Acq: 21 Jun 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

VBLK36

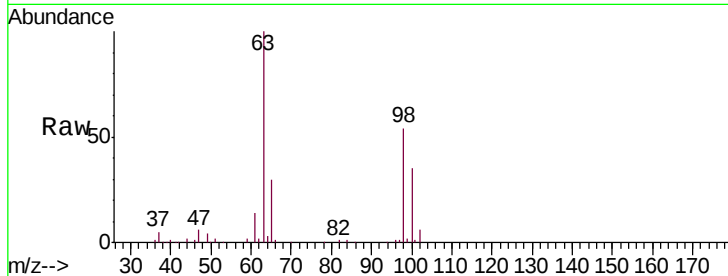
Tgt Ion: 96 Resp: 740

Ion Ratio Lower Upper

96 100

61 1842.1 131.0 243.4#

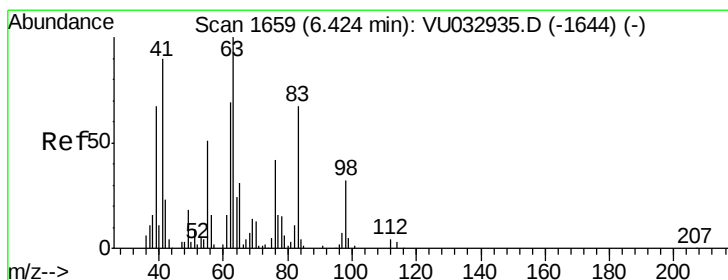
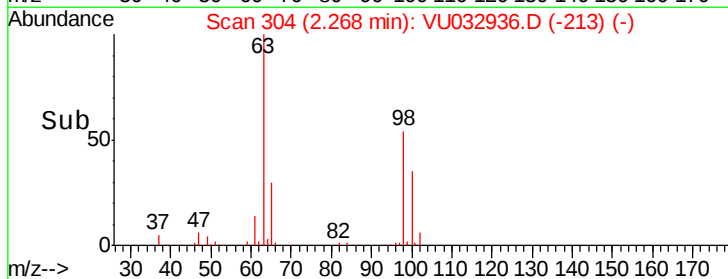
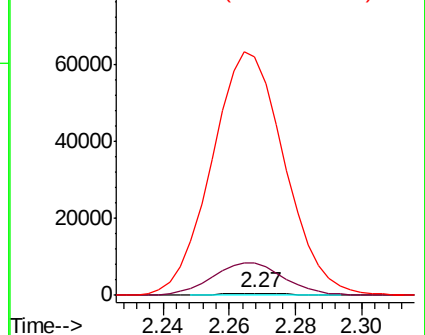
63 13633.5 101.0 187.6#



Abundance Ion 96.00 (95.70 to 96.70): VU032936.D (-304) (-)

Ion 61.00 (60.70 to 61.70): VU032936.D (-304) (-)

Ion 63.00 (62.70 to 63.70): VU032936.D (-304) (-)



#37

1,2-Dichloropropane

Concen: 6.467 ug/L

RT: 6.32 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VU032936.D

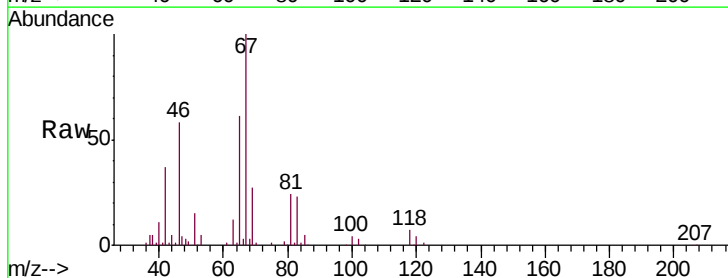
Acq: 21 Jun 2019 11:48

Tgt Ion: 63 Resp: 9906

Ion Ratio Lower Upper

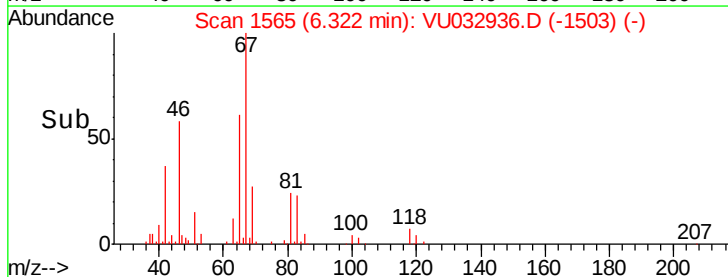
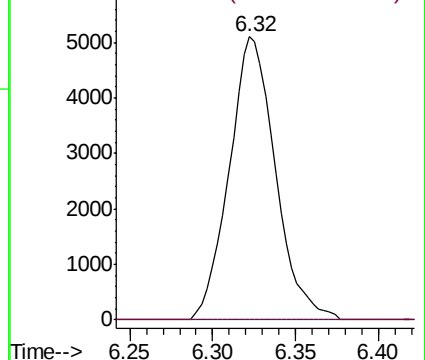
63 100

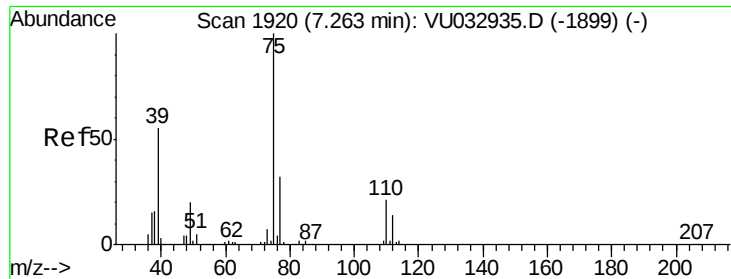
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU032936.D (-1565) (-)

Ion 112.00 (111.70 to 112.70): VU032936.D (-1565) (-)

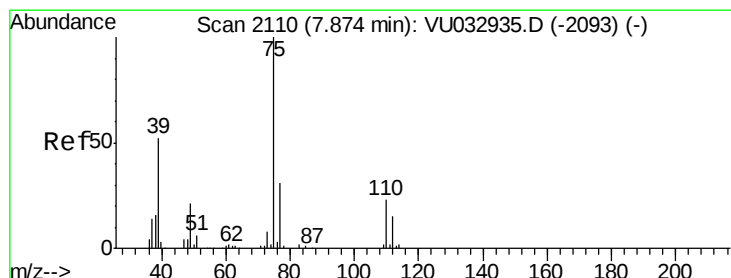
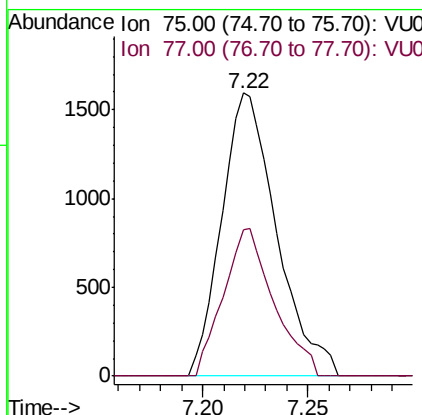
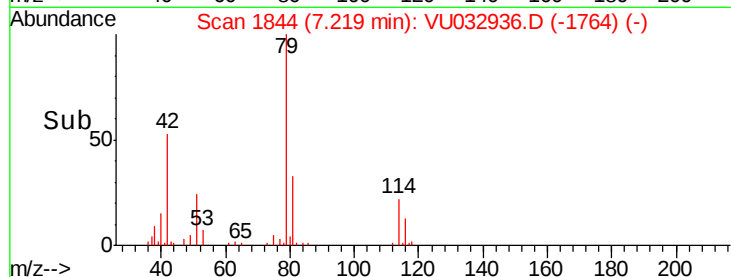
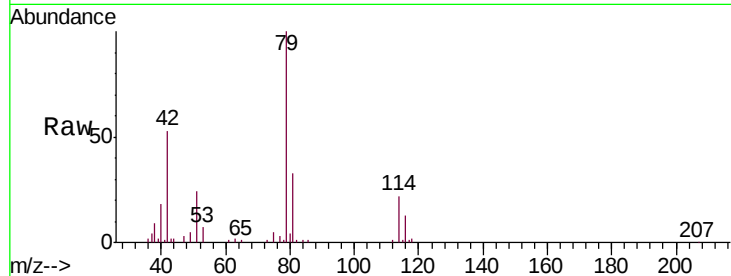




#39
 cis-1,3-Dichloropropene
 Concen: 1.210 ug/L
 RT: 7.22 min Scan# 1844
 Delta R.T. -0.04 min
 Lab File: VU032936.D
 Acq: 21 Jun 2019 11:48

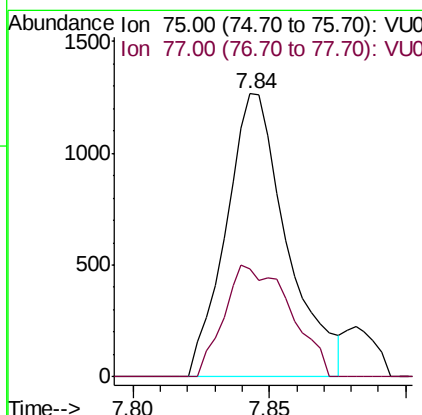
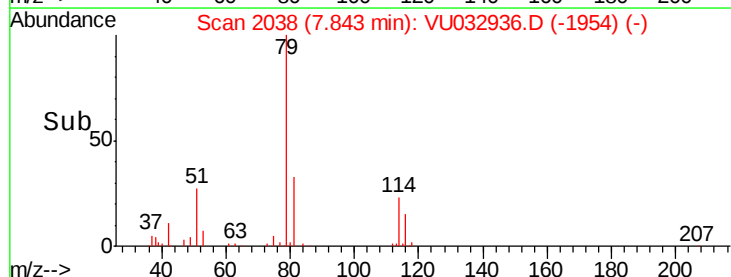
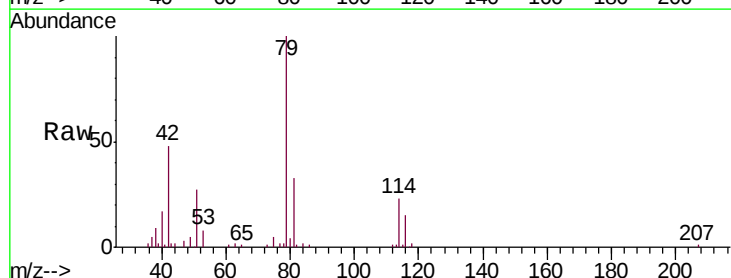
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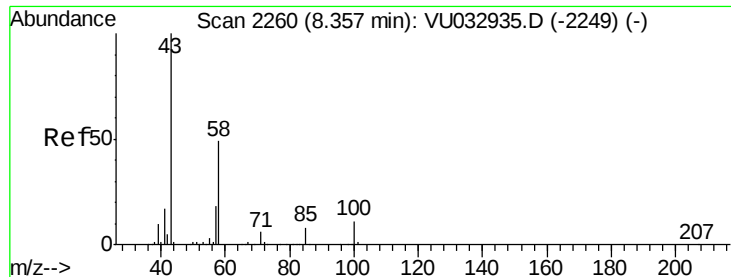
Tgt Ion: 75 Resp: 2887
 Ion Ratio Lower Upper
 75 100
 77 51.7 21.9 40.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.875 ug/L
 RT: 7.84 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VU032936.D
 Acq: 21 Jun 2019 11:48

Tgt Ion: 75 Resp: 1962
 Ion Ratio Lower Upper
 75 100
 77 38.3 21.8 40.4

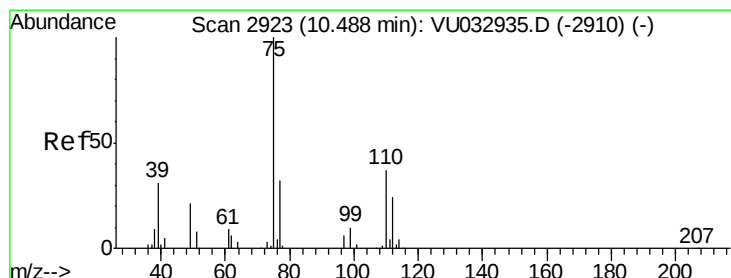
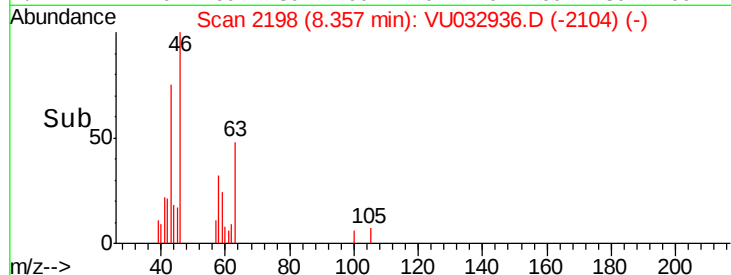
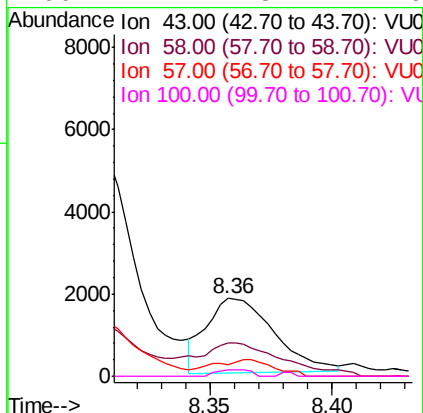
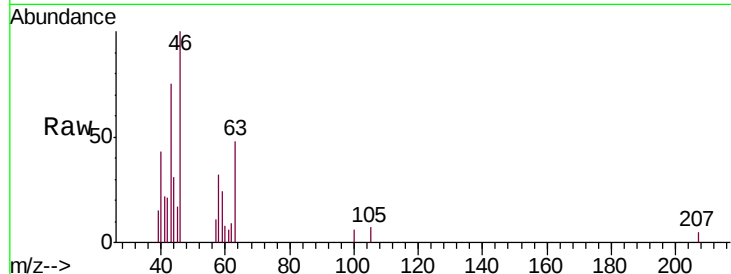




#48
 2-Hexanone
 Concen: 1.607 ug/L
 RT: 8.36 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU032936.D
 Acq: 21 Jun 2019 11:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK36

Tgt Ion: 43 Resp: 3467
 Ion Ratio Lower Upper
 43 100
 58 49.7 40.2 60.2
 57 4.8 14.2 21.4#
 100 4.4 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 6.103 ug/L
 RT: 11.48 min Scan# 3168
 Delta R.T. 0.99 min
 Lab File: VU032936.D
 Acq: 21 Jun 2019 11:48

Tgt Ion: 75 Resp: 12477
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.5 38.3

