

Data File : VU032485.D
Acq On : 06 Jun 2019 09:48
Operator : JC/SP
Sample : VU0606WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Quant Time: Jun 07 04:09:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	191872	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95667	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58149	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.04%
7) Chloroethane-d5	1.68	69	50459	48.07	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.14%
11) 1,1-Dichloroethene-d2	2.27	63	87581	34.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
21) 2-Butanone-d5	4.17	46	108642	99.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.39%
24) Chloroform-d	4.64	84	114448	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.30	65	77031	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
32) Benzene-d6	5.33	84	238599	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.32	67	74595	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.52%
41) Toluene-d8	7.56	98	223176	47.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.50%
43) trans-1,3-Dichloropropene-	7.85	79	36095	48.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.58%
47) 2-Hexanone-d5	8.31	63	73197	96.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110350	48.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	93955	51.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.54%

Target Compounds

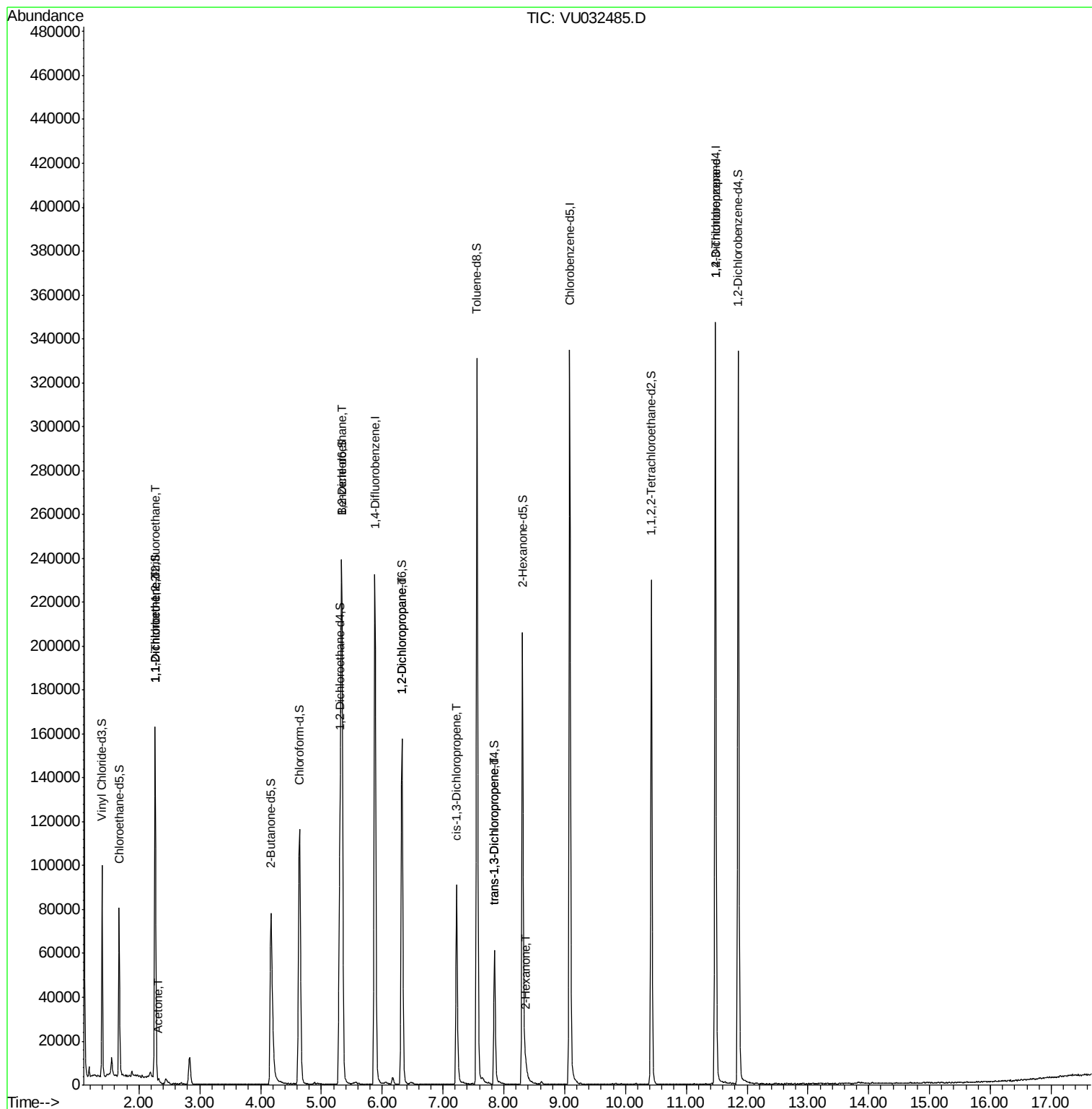
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	819	0.666	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	775	0.649	ug/L #	1
13) Acetone	2.32	43	715	0.634	ug/L	81
27) 1,2-Dichloroethane	5.33	62	1298	0.674	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8177	5.722	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2473	1.097	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	1685	0.842	ug/L	83
48) 2-Hexanone	8.36	43	4267	2.260	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	10970	5.905	ug/L	91

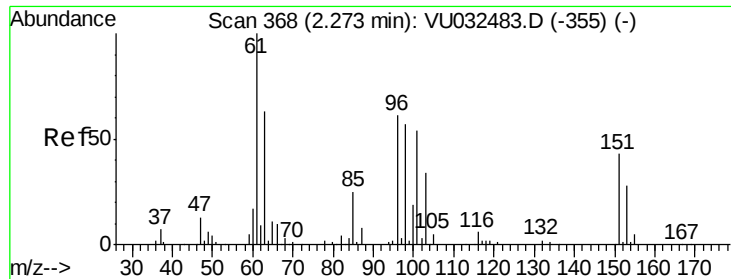
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.666 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

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MSVOA_U

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VBLK49

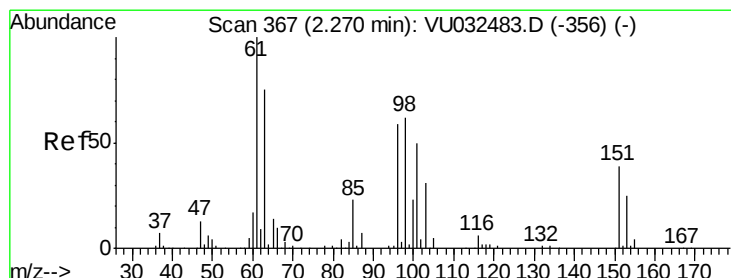
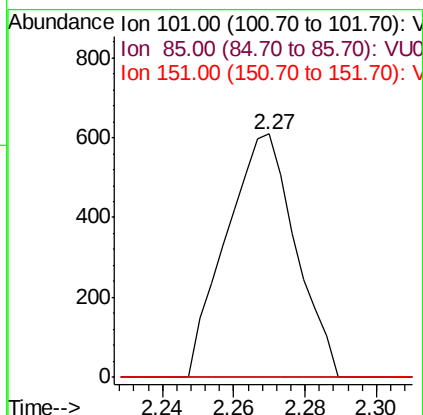
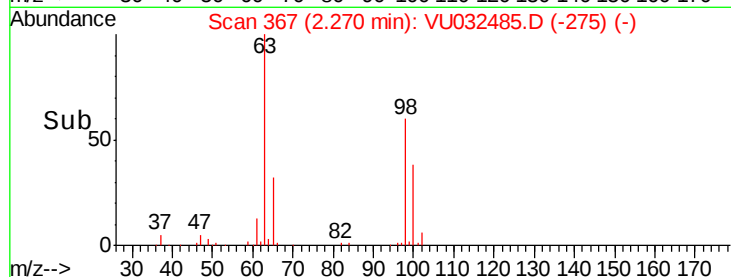
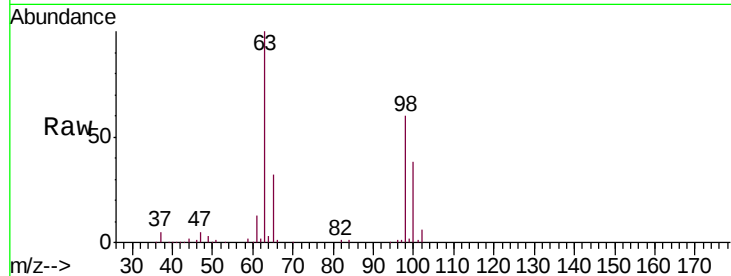
Tgt Ion: 101 Resp: 819

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 63.0 94.4#



#12

1,1-Dichloroethene

Concen: 0.649 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU032485.D

Acq: 06 Jun 2019 09:48

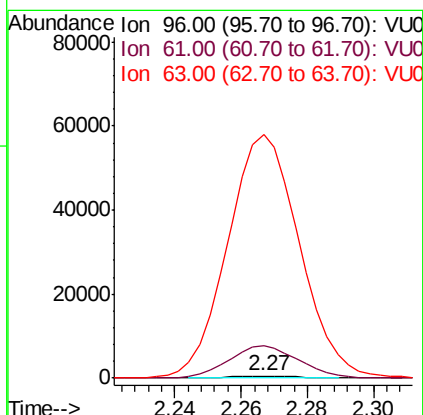
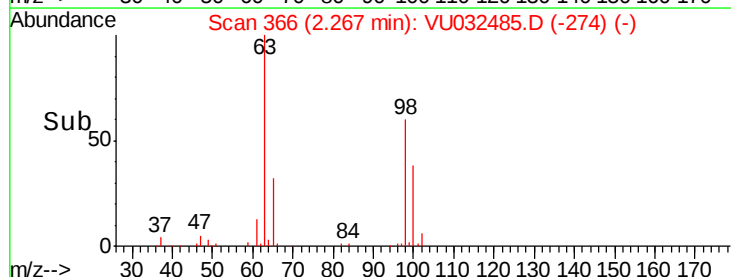
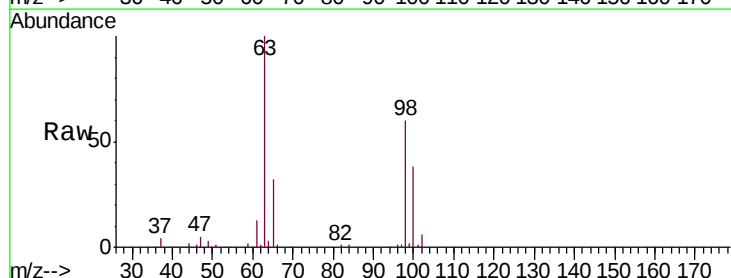
Tgt Ion: 96 Resp: 775

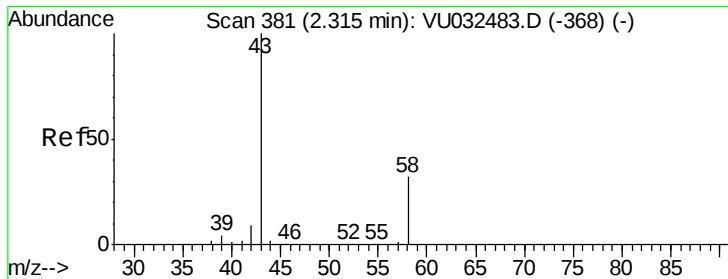
Ion Ratio Lower Upper

96 100

61 1388.5 129.5 240.5#

63 10596.0 103.4 192.0#





#13

Acetone

Concen: 0.634 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032485.D

Acq: 06 Jun 2019 09:48

Instrument :

MSVOA_U

ClientSampleId :

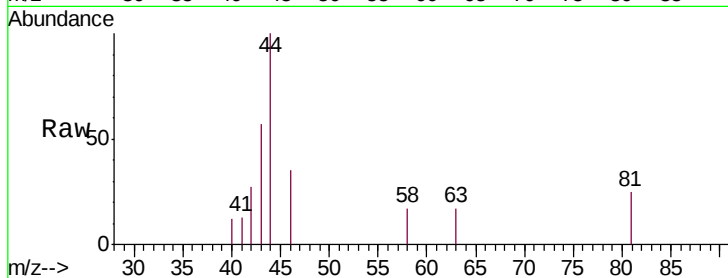
VBLK49

Tgt Ion: 43 Resp: 715

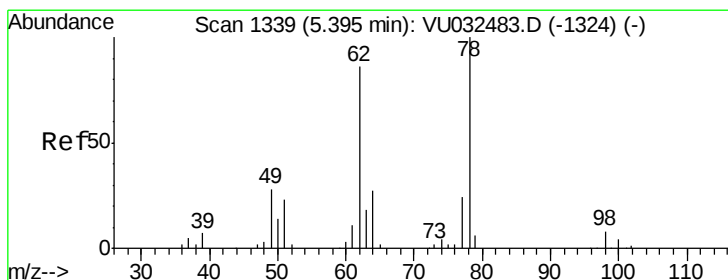
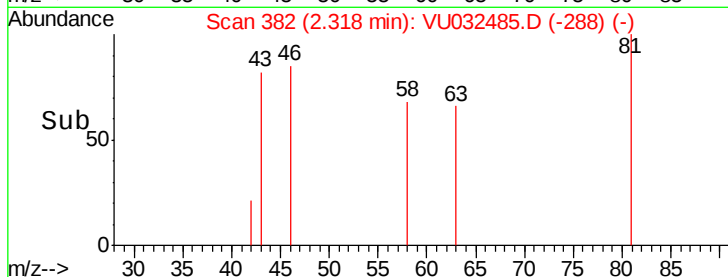
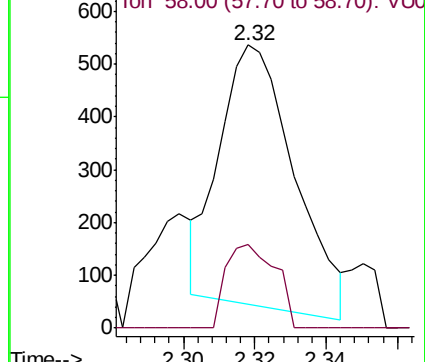
Ion Ratio Lower Upper

43 100

58 21.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032483.D (-368) (-)



#27

1,2-Dichloroethane

Concen: 0.674 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.06 min

Lab File: VU032485.D

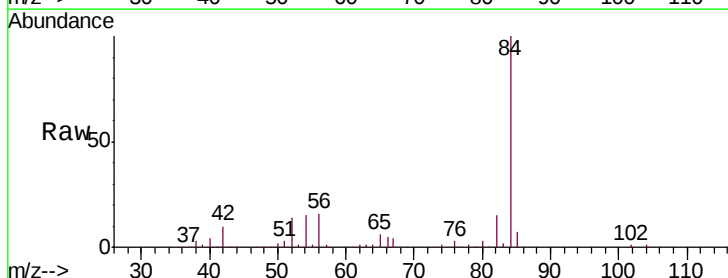
Acq: 06 Jun 2019 09:48

Tgt Ion: 62 Resp: 1298

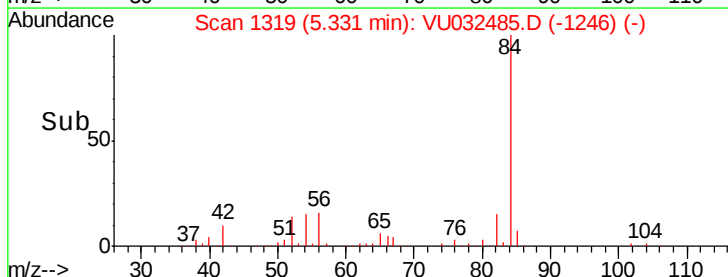
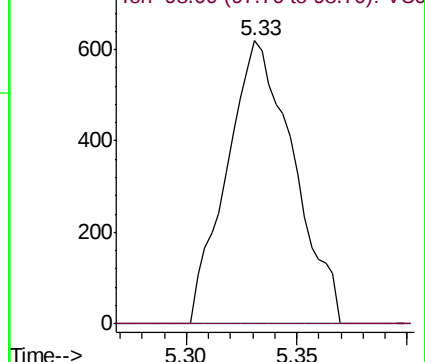
Ion Ratio Lower Upper

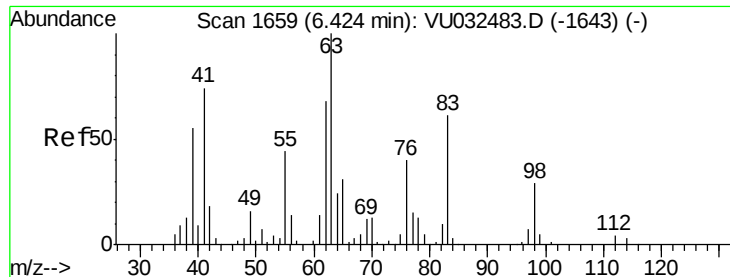
62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032483.D (-1324) (-)

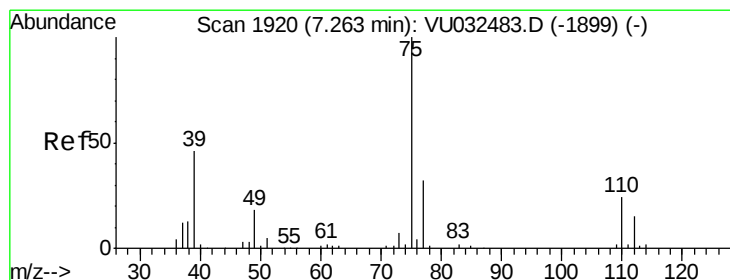
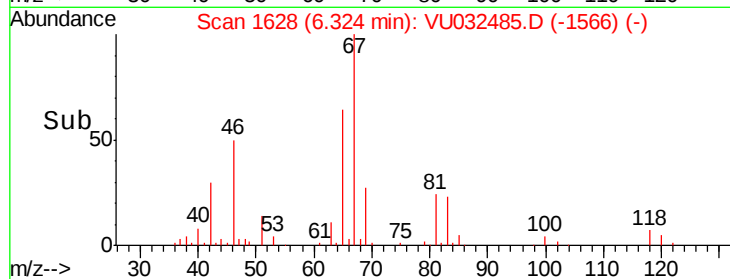
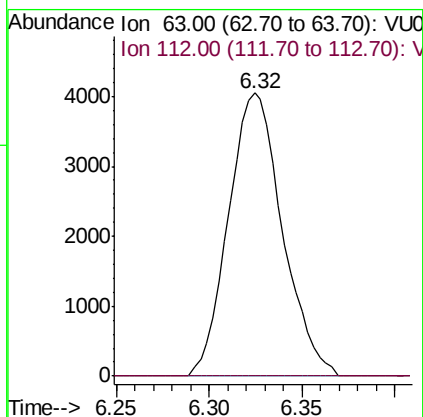
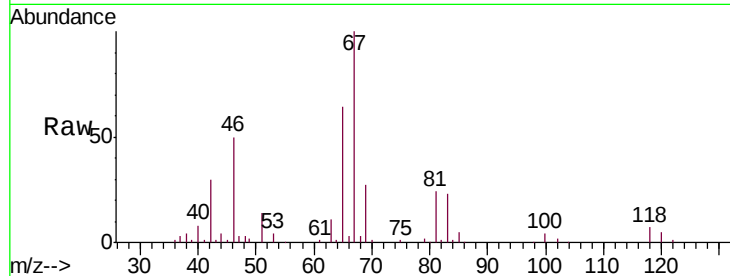




#37
 1,2-Dichloropropane
 Concen: 5.722 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032485.D
 Acq: 06 Jun 2019 09:48

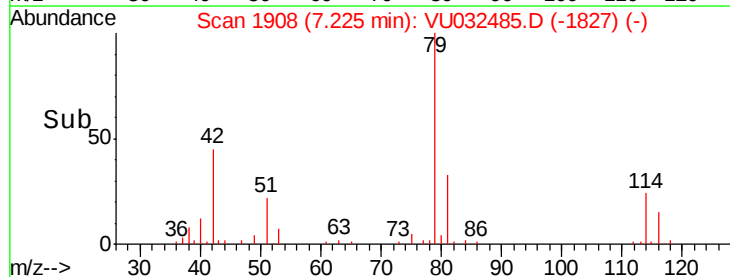
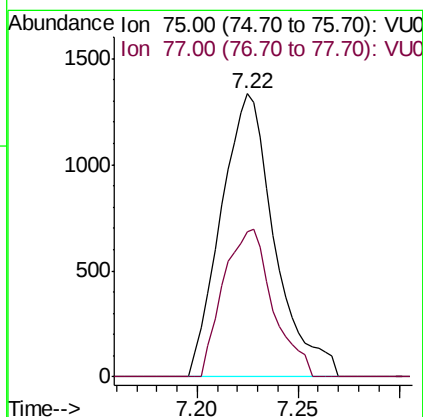
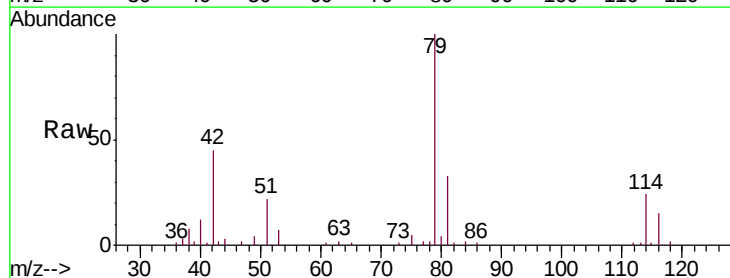
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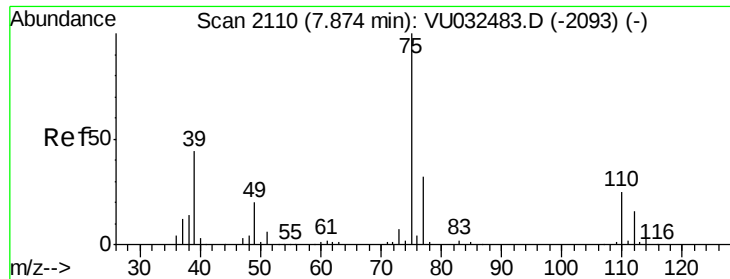
Tgt Ion: 63 Resp: 8177
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.097 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032485.D
 Acq: 06 Jun 2019 09:48

Tgt Ion: 75 Resp: 2473
 Ion Ratio Lower Upper
 75 100
 77 51.2 22.0 41.0#

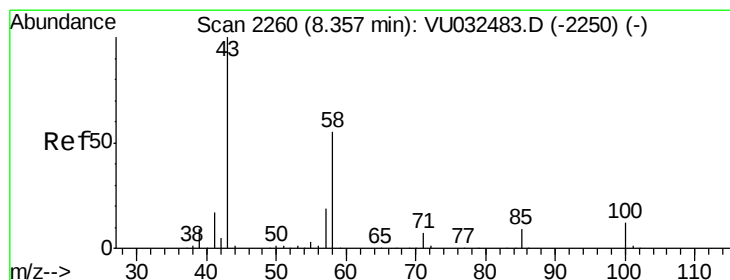
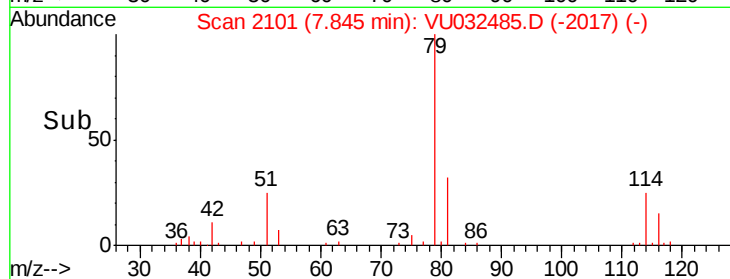
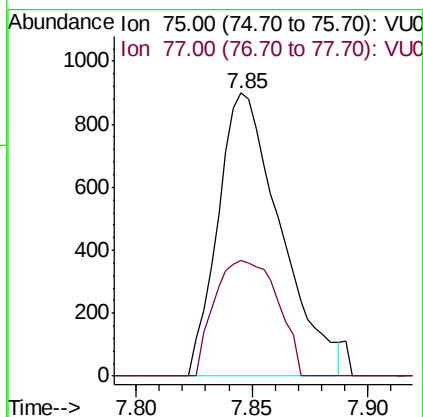
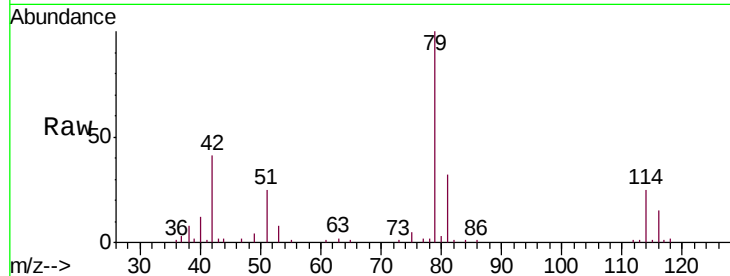




#44
trans-1,3-Dichloropropene
Concen: 0.842 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032485.D
Acq: 06 Jun 2019 09:48

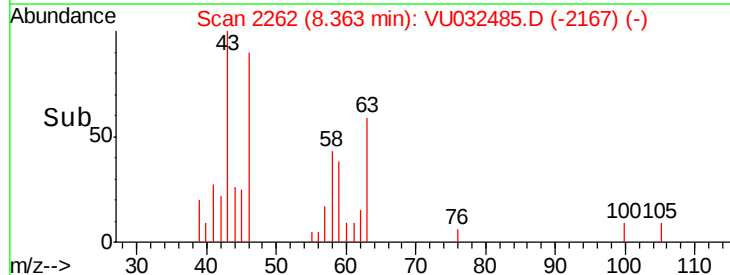
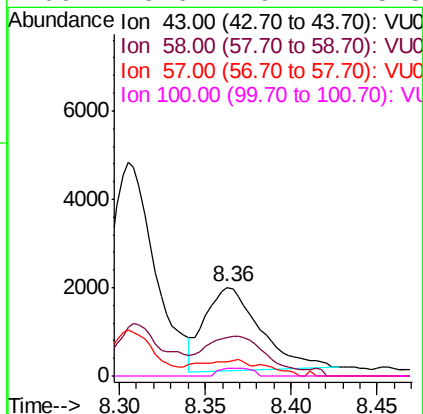
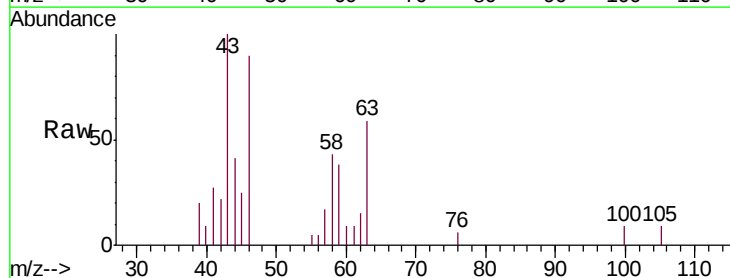
Instrument :
MSVOA_U
ClientSampleId :
VBLK49

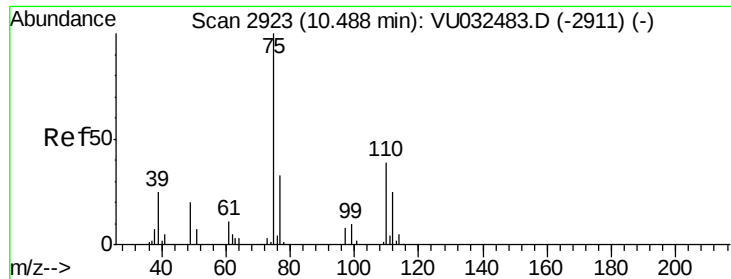
Tgt Ion: 75 Resp: 1685
Ion Ratio Lower Upper
75 100
77 40.8 22.1 41.1



#48
2-Hexanone
Concen: 2.260 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032485.D
Acq: 06 Jun 2019 09:48

Tgt Ion: 43 Resp: 4267
Ion Ratio Lower Upper
43 100
58 51.6 42.0 63.0
57 1.2 14.6 22.0#
100 5.6 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.905 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032485.D

Acq: 06 Jun 2019 09:48

Instrument :

MSVOA_U

ClientSampleId :

VBLK49

Tgt Ion: 75 Resp: 10970

Ion Ratio Lower Upper

75 100

77 36.9 25.6 38.4

