

Data File : VU032385.D
Acq On : 30 May 2019 16:34
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: May 31 04:39:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	826506	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	814101	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	395854	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	236061	38.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.50%
7) Chloroethane-d5	1.67	69	207520	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.36%
11) 1,1-Dichloroethene-d2	2.27	63	346103	31.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.96%
21) 2-Butanone-d5	4.17	46	394145	98.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.31%
24) Chloroform-d	4.64	84	480533	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
26) 1,2-Dichloroethane-d4	5.31	65	303481	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
32) Benzene-d6	5.34	84	1023545	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
36) 1,2-Dichloropropane-d6	6.33	67	318734	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.18%
41) Toluene-d8	7.56	98	931288	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.85	79	137410	45.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.54%
47) 2-Hexanone-d5	8.31	63	314910	113.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	470653	46.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	389260	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%

Target Compounds

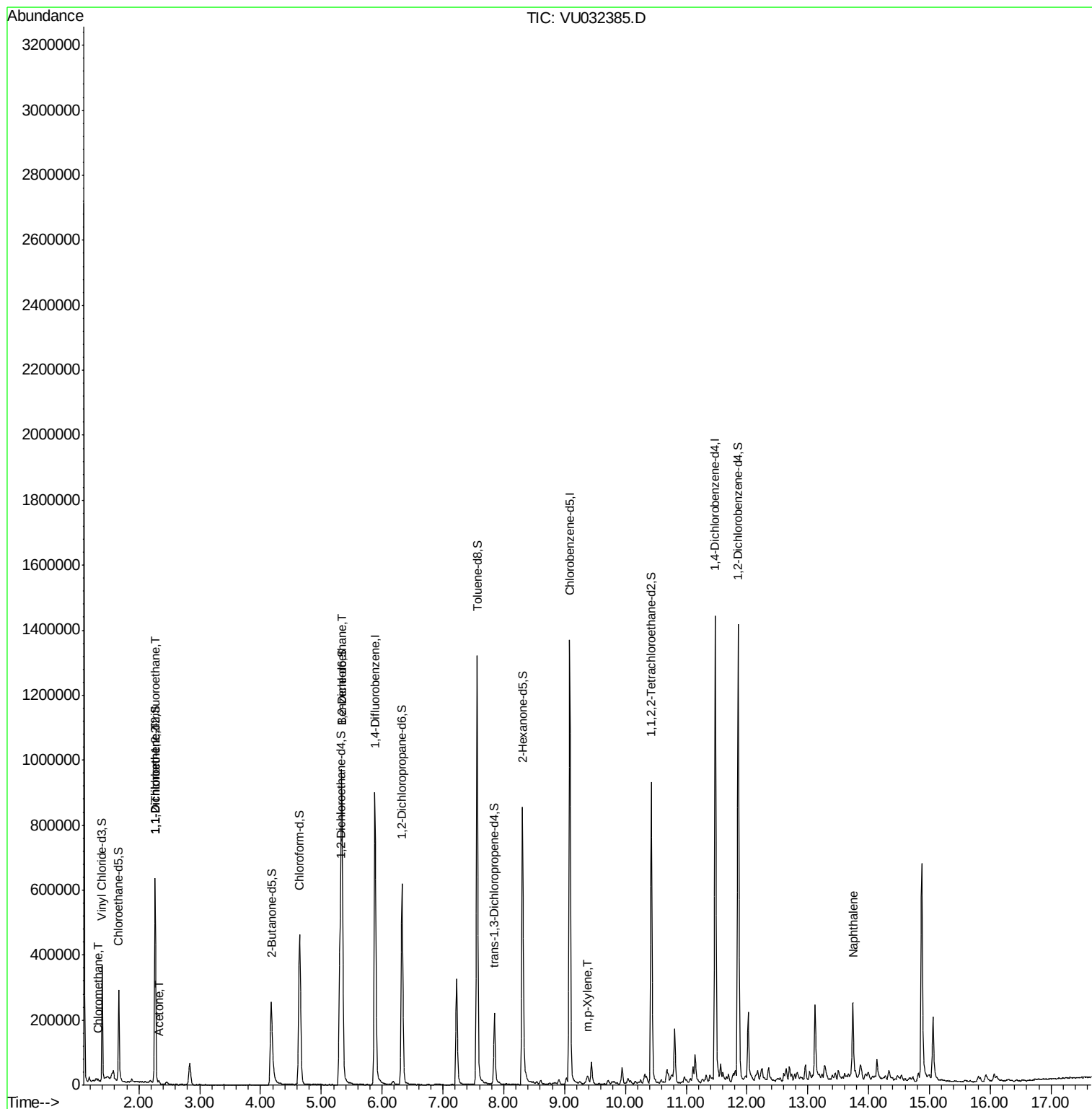
					Qvalue
3) Chloromethane	1.33	50	5112	0.752 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3558	0.678 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3169	0.592 ug/L #	1
13) Acetone	2.32	43	4777	1.264 ug/L	96
27) 1,2-Dichloroethane	5.33	62	4720	0.609 ug/L	95
53) m,p-Xylene	9.38	106	7370	0.723 ug/L	97
69) Naphthalene	13.74	128	216332	10.395 ug/L	98

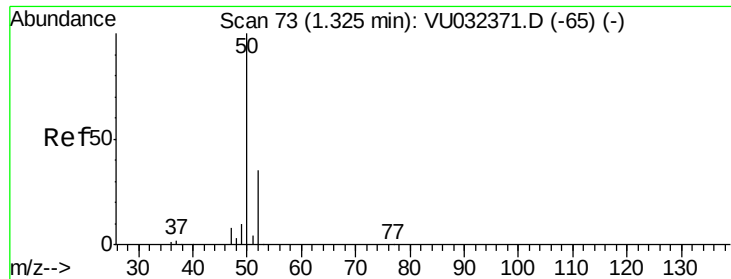
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.752 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032385.D

Acq: 30 May 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

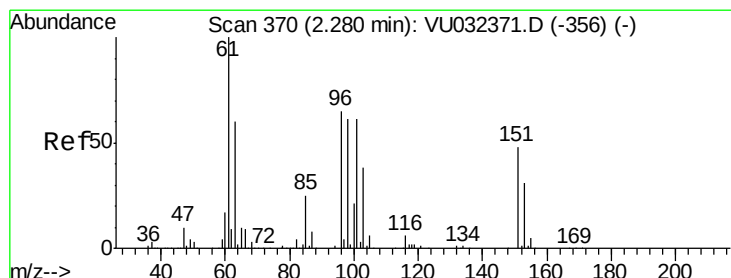
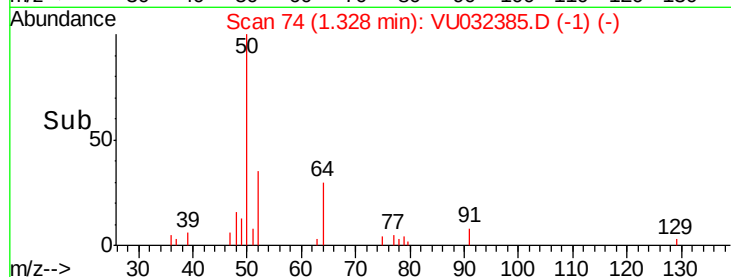
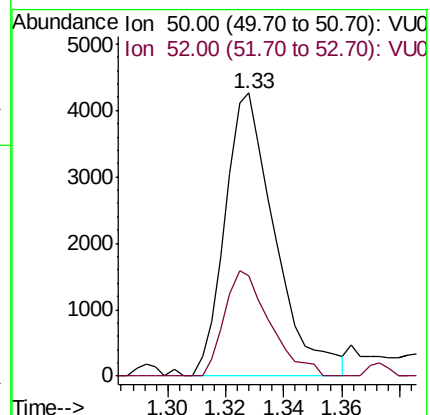
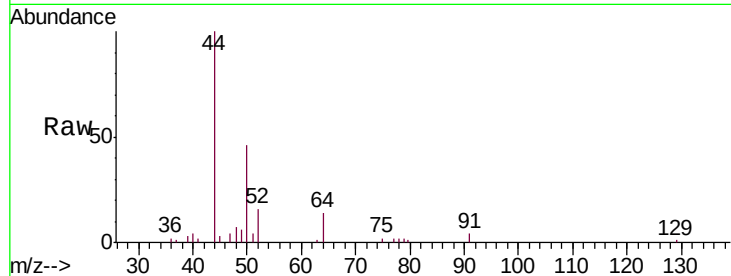
VIBLK40

Tgt Ion: 50 Resp: 5112

Ion Ratio Lower Upper

50 100

52 35.2 23.6 43.8



#10

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

Concen: 0.678 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032385.D

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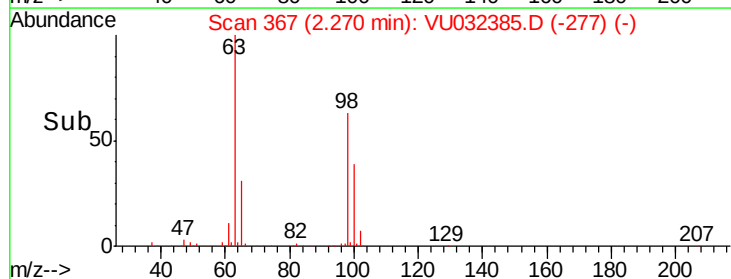
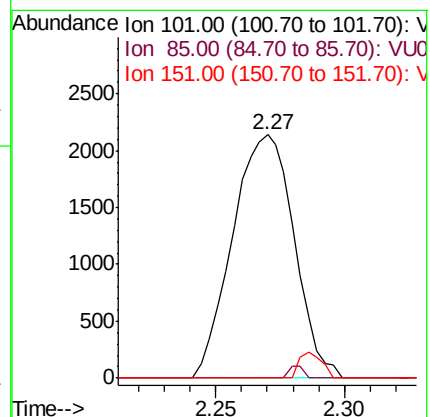
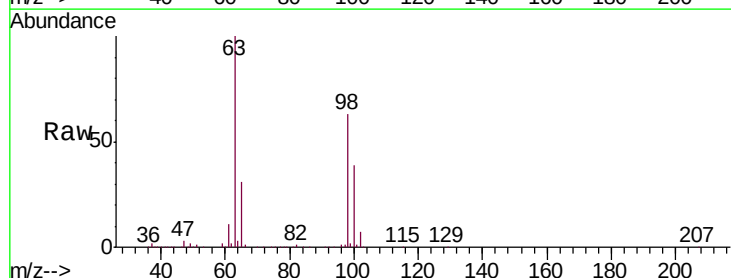
Tgt Ion: 101 Resp: 3558

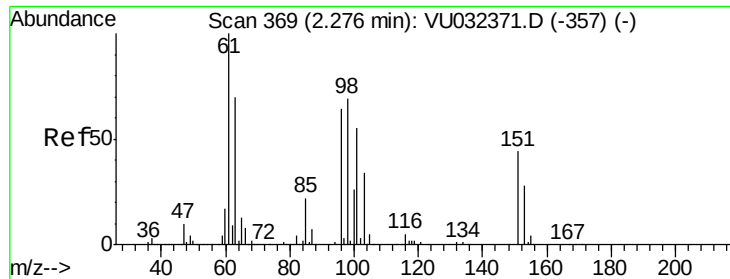
Ion Ratio Lower Upper

101 100

85 1.2 33.4 50.0#

151 3.8 63.7 95.5#

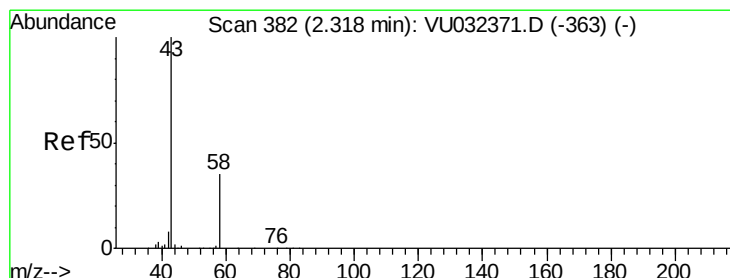
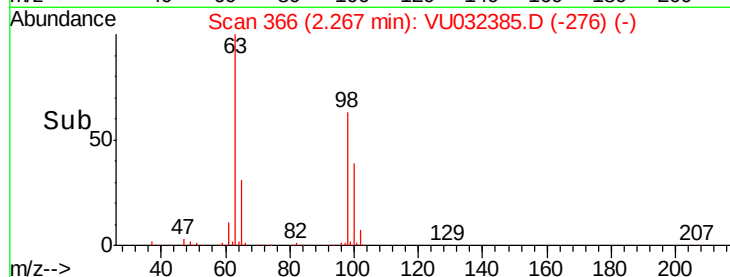
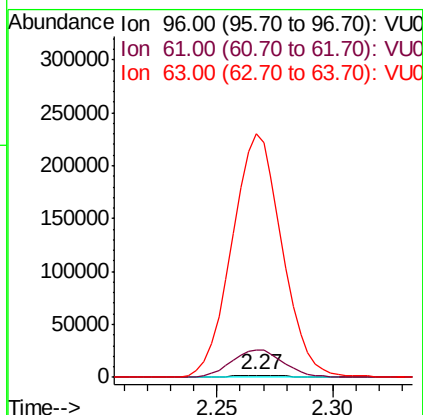
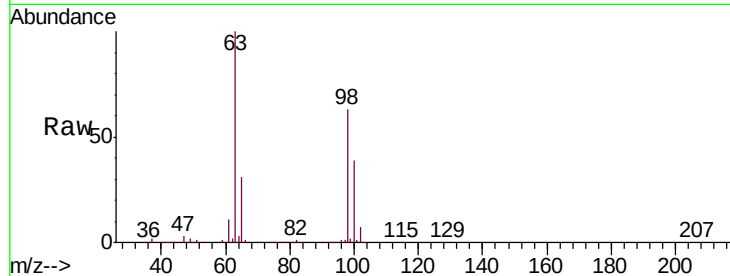




#12
 1,1-Dichloroethene
 Concen: 0.592 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU032385.D
 Acq: 30 May 2019 16:34

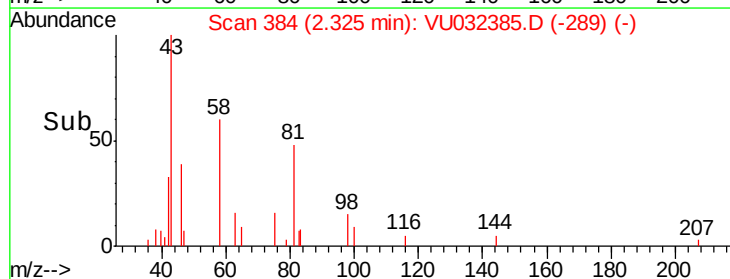
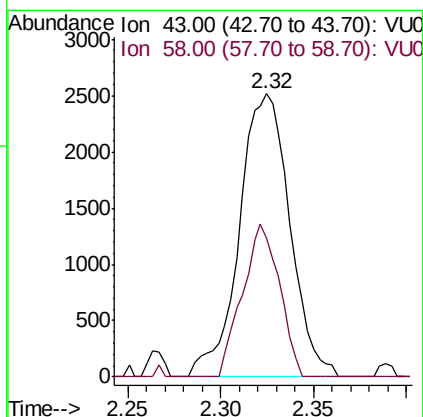
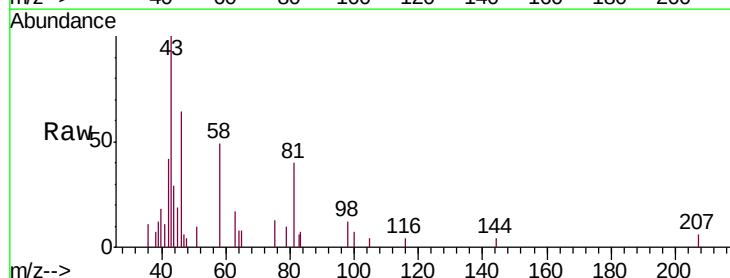
Instrument :
 MSVOA_U
 ClientSampleID :
 VIBLK40

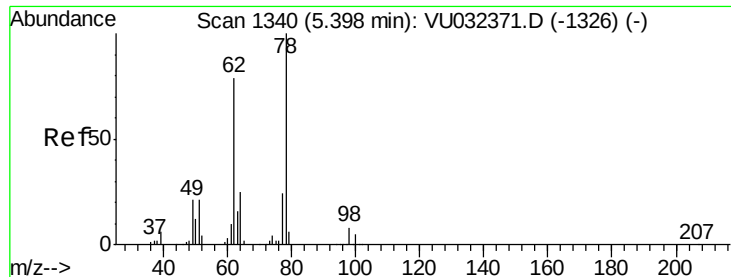
Tgt Ion: 96 Resp: 3169
 Ion Ratio Lower Upper
 96 100
 61 1264.8 109.8 203.8#
 63 11029.7 74.4 138.2#



#13
 Acetone
 Concen: 1.264 ug/L
 RT: 2.32 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VU032385.D
 Acq: 30 May 2019 16:34

Tgt Ion: 43 Resp: 4777
 Ion Ratio Lower Upper
 43 100
 58 39.4 0.0 73.6

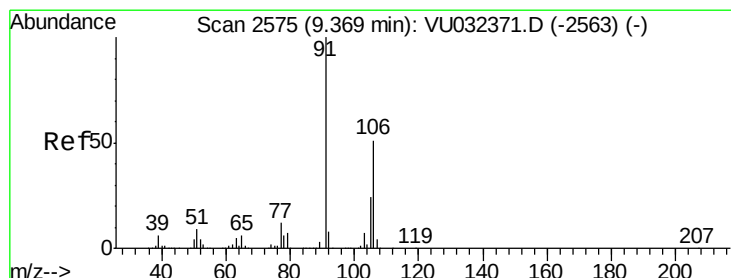
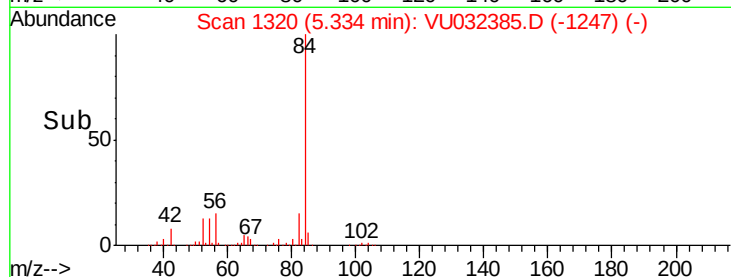
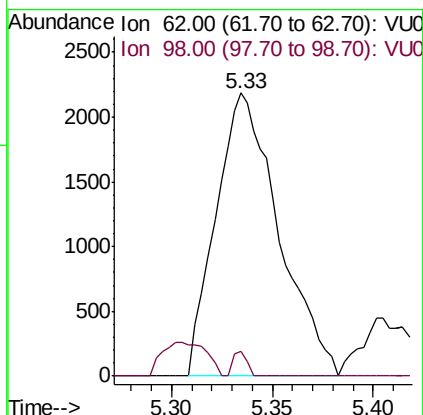
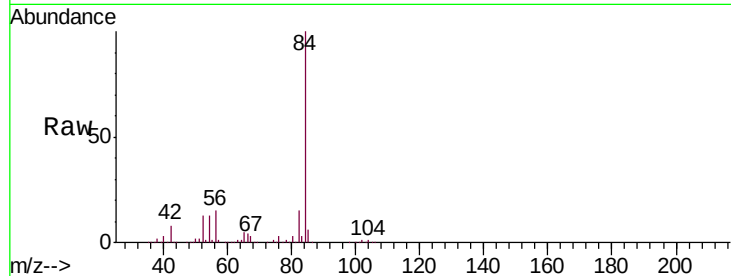




#27
 1,2-Dichloroethane
 Concen: 0.609 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU032385.D
 Acq: 30 May 2019 16:34

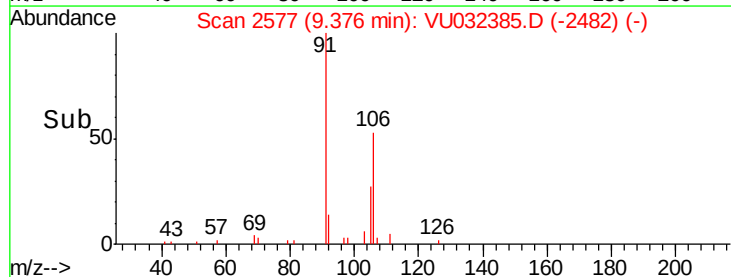
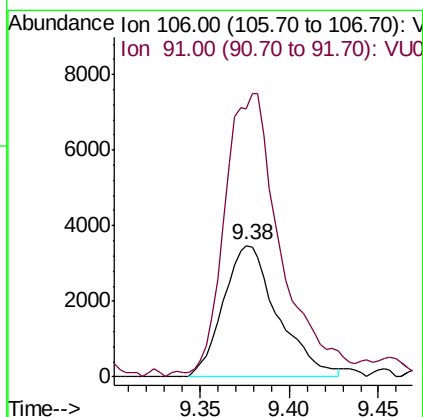
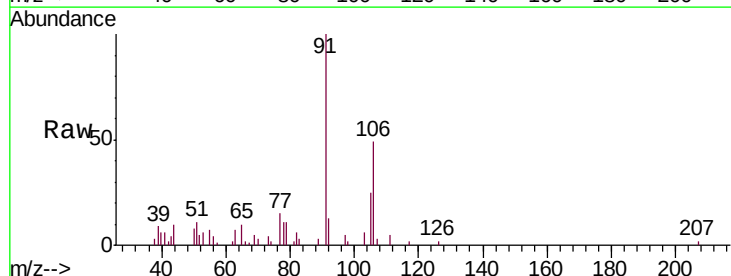
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

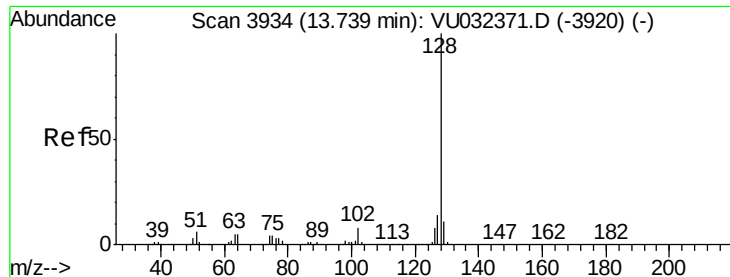
Tgt Ion: 62 Resp: 4720
 Ion Ratio Lower Upper
 62 100
 98 8.7 8.4 12.6



#53
 m,p-Xylene
 Concen: 0.723 ug/L
 RT: 9.38 min Scan# 2577
 Delta R.T. 0.01 min
 Lab File: VU032385.D
 Acq: 30 May 2019 16:34

Tgt Ion: 106 Resp: 7370
 Ion Ratio Lower Upper
 106 100
 91 203.5 138.8 257.8





#69

Naphthalene

Concen: 10.395 ug/L

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU032385.D

Acq: 30 May 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

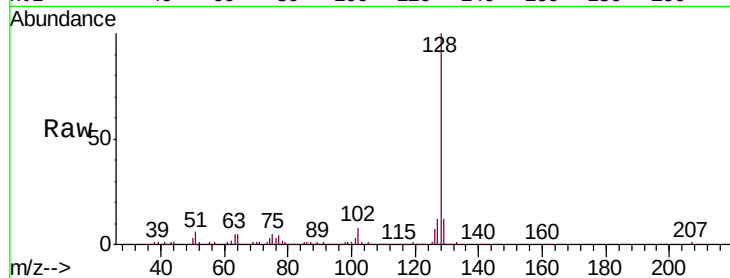
Tgt Ion:128 Resp: 216332

Ion Ratio Lower Upper

128 100

127 12.1 10.1 15.1

129 11.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

